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FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845



CONSTRUCTION DOCUMENTS

12/11/2025

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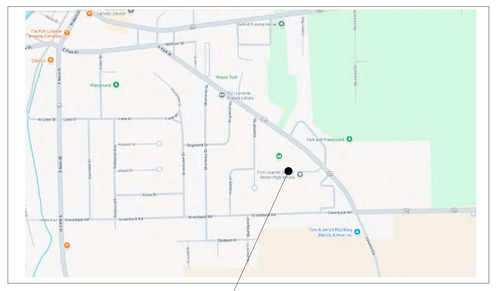
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600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

CIVIL ENGINEER:

CHOICE ONE ENGINEERING

440 EAST HOEWISHER ROAD
SIDNEY, OH 45365

PH: (937) 497-0200

STRUCTURAL ENGINEER:

JEZERINAC GEERS & ASSOCIATES, INC.

5640 FRANTZ ROAD
DUBLIN, OH 43017

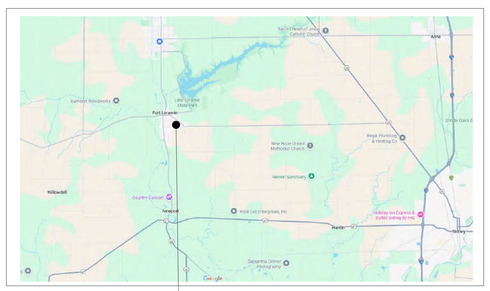
PH: (614) 766-0066

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SUPERINTENDENT.....DANIEL HOLLAND
TREASURER.....LEANN EITING
HIGH SCHOOL PRINCIPAL.....KREG HOLLENBACHER
ATHLETIC DIRECTOR.....MITCH WESTERHEIDE



600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ARCHITECTS
MECHANICAL, ELECTRICAL & PLUMBING ENGINEERS
LANDSCAPE ARCHITECTS
TECHNOLOGY DESIGNERS
INTERIOR DESIGNERS
MASTER PLANNING

GARMANN MILLER

38 SOUTH LINCOLN DRIVE
PO BOX 71
MINSTER, OHIO 45865
419.628.4240

1156 DUBLIN ROAD
SUITE 102
COLUMBUS, OHIO 43215
614.502.4240

275 VETERANS WAY
SUITE 200
CARMEL, INDIANA 46032
317.343.9343

1690 BROADWAY
SUITE 19-455
FORT WAYNE, INDIANA
260.299.4240

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	JCR

SHEET TITLE:

COVER SHEET

SHEET NUMBER:

G0.1

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BUILDING AREA SCHEDULE			
AREA NUMBER	LEVEL	AREA	NOTES
AREA 1	FIRST FLOOR	26,410 SF	
AREA 2	MEZZANINE	4,207 SF	
Grand total		30,617 SF	

CODE INFORMATION

BUILDING DESCRIPTION: NEW CONSTRUCTION ATHLETIC COMPLEX.

APPLICABLE CODE: 2024 OHIO BUILDING CODE

ASSEMBLY DESIGN
TOTAL: 504 OCCUPANTS

NUMBER OF EXITS
REQUIRED: 3
ACTUAL: 8

DESIGN UNIFORM LOAD: SEE STRUCTURAL SHEETS

BUILDING AREA 1

OCCUPANCY / USE GROUP: A-3

CONSTRUCTION TYPE: TYPE II-B

ALLOWABLE AREA (TABLE 506.2): 9,500 SF

AUTOMATIC SPRINKLER AREA INCREASE (200%): 38,000 SF

TOTAL ALLOWABLE AREA: 38,000 SF

ACTUAL BUILDING AREA: SEE SCHEDULE

OCCUPANCY TABULATION PER 2024 OBC TABLE 1004.5 - L1							
ROOM NUMBER	NAME	USE GROUP	AREA (GROSS)	AREA (NET)	OCCUPANT LOAD FACTOR	OCCUPANT(S)	NUMBER OF EXITS
A100	VESTIBULE	A-3	323 SF	323 SF	0	0	
A101	CORRIDOR	A-3	291 SF	291 SF	0	0	
A102	COACH OFFICE	A-3	178 SF	178 SF	150	2	
A103	TRAINER	A-3	231 SF	231 SF	150	2	
A104	MECHANICAL / ELECTRICAL ROOM	A-3	215 SF	215 SF	300	1	
A105	WEIGHT ROOM	A-3	4,895 SF	4,895 SF	50	100	
A106	MULTI-PURPOSE ATHLETIC ROOM	A-3	10,934 SF	10,934 SF	50	223	
A107	CORRIDOR	A-3	455 SF	455 SF	0	0	
A108	FAMILY RESTROOM / SHOWER	A-3	74 SF	74 SF	0	0	
A109	FAMILY RESTROOM / SHOWER	A-3	73 SF	73 SF	0	0	
A110	MENS RESTROOM	A-3	317 SF	317 SF	0	0	
A111	MENS CHANGING ROOM	A-3	114 SF	114 SF	50	3	
A112	WOMENS RESTROOM	A-3	307 SF	307 SF	0	0	
A113	WOMENS CHANGING ROOM	A-3	111 SF	111 SF	50	3	
A114	CORRIDOR	A-3	199 SF	199 SF	0	0	
A115	TECH ROOM	A-3	52 SF	52 SF	300	1	
A116	CUSTODIAL CLOSET	A-3	42 SF	42 SF	300	1	
A117	LAUNDRY ROOM	A-3	122 SF	122 SF	300	1	
A118	STORAGE ROOM	A-3	689 SF	689 SF	300	3	
A119	CORRIDOR	A-3	529 SF	529 SF	0	0	
A120	MULTI-PURPOSE GYMNASIUM	A-3	4,483 SF	4,483 SF	50	86	
A121	STORAGE	A-3	51 SF	51 SF	300	1	
AST1	STAIR	A-3	82 SF	82 SF	0	0	
AST2	STAIR	A-3	89 SF	89 SF	0	0	

PLUMBING FIXTURE COUNT

(BASED ON NON-SIMULTANEOUS USE)

ASSEMBLY DESIGN
504 OCCUPANTS

FIXTURES REQUIRED
252 / 125 = 3 WATER CLOSET(S) - MALE
252 / 65 = 4 WATER CLOSET(S) - FEMALE
252 / 200 = 2 LAVATORY(IES) - MALE
252 / 200 = 2 LAVATORY(IES) - FEMALE
252 / 500 = 1 DRINKING FOUNTAIN(S)
1 SERVICE SINK(S)

ACTUAL PROVIDED
2 WATER CLOSET(S) - MALE
2 URINAL(S) - MALE
2 LAVATORY(IES) - MALE
4 WATER CLOSET(S) - FEMALE
2 LAVATORY(IES) - FEMALE
4 DRINKING FOUNTAIN(S)
1 SERVICE SINK(S)
2 UNISEX TOILET ROOMS (WC AND LAVATORY)

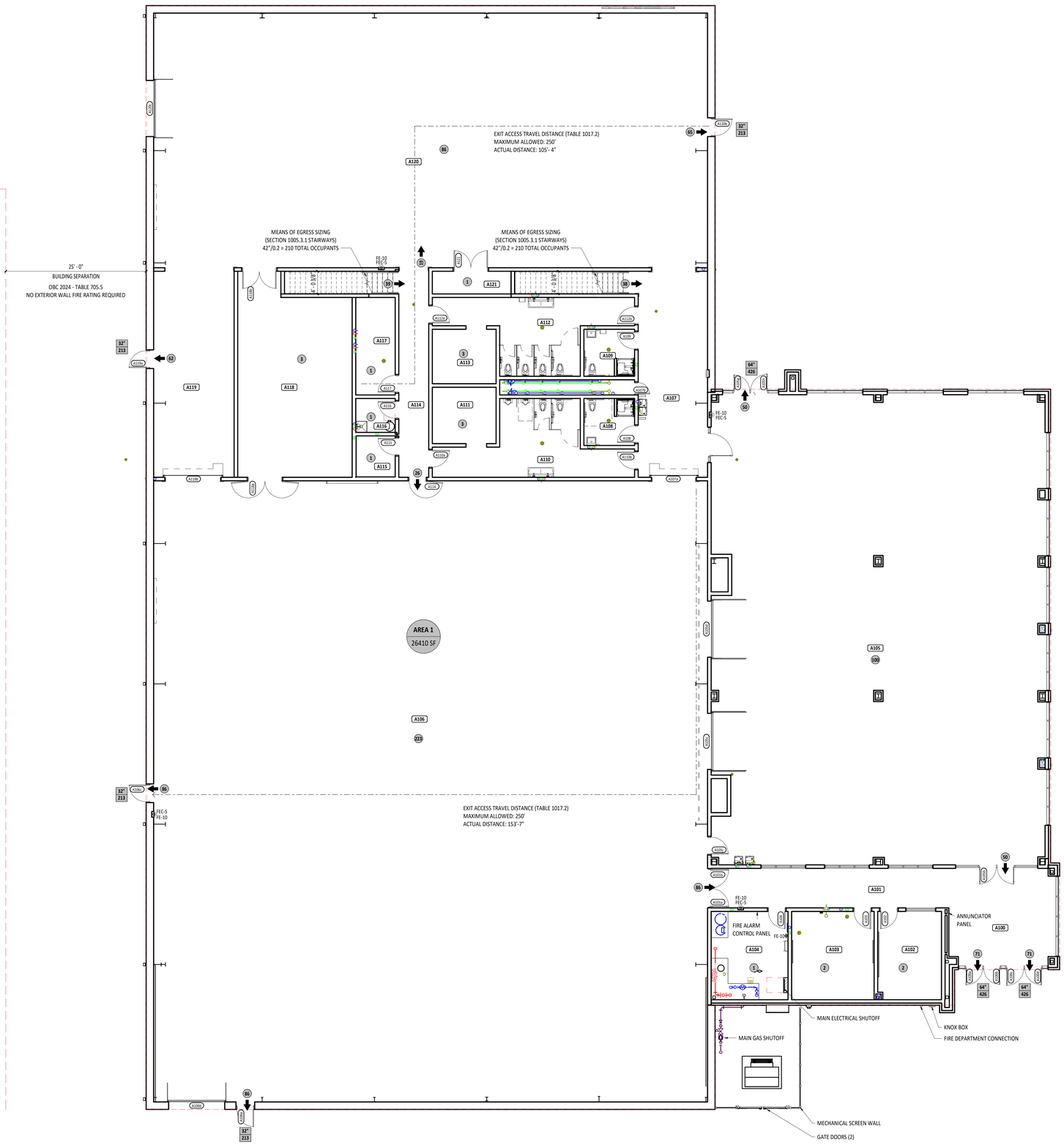
CODE PLAN LEGEND

(X) — OCCUPANT LOAD THROUGH EXIT

XX" / XXX — CLEAR EXIT WIDTH / ALLOWABLE NUMBER OF OCCUPANTS THROUGH EXIT

OCCUPANCY GROUPS USED

A ASSEMBLY



1 / G1.0 **FIRST FLOOR CODE PLAN**
1/8" = 1'-0"

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STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
AKRON, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JCR	Checker

SHEET TITLE:

CODE PLANS

SHEET NUMBER:

G1.0

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CODE INFORMATION

BUILDING DESCRIPTION: NEW CONSTRUCTION ATHLETIC COMPLEX.

APPLICABLE CODE: 2024 OHIO BUILDING CODE

ASSEMBLY DESIGN
TOTAL: 504 OCCUPANTS

NUMBER OF EXITS
REQUIRED: 3
ACTUAL: 8

DESIGN UNIFORM LOAD: SEE STRUCTURAL SHEETS

BUILDING AREA 1

OCCUPANCY / USE GROUP: A-3

CONSTRUCTION TYPE: TYPE II-B

ALLOWABLE AREA (TABLE 506.2): 9,500 SF

AUTOMATIC SPRINKLER AREA INCREASE (200%): 38,000 SF

TOTAL ALLOWABLE AREA: 38,000 SF

ACTUAL BUILDING AREA: SEE SCHEDULE

BUILDING AREA SCHEDULE

AREA NUMBER	LEVEL	AREA	NOTES
AREA 1	FIRST FLOOR	26,410 SF	
AREA 2	MEZZANINE	4,207 SF	
Grand total		30,617 SF	

OCCUPANCY TABULATION PER 2024 OBC TABLE 1004.5 - L2

ROOM NUMBER	NAME	OSFC NO.	USE GROUP	AREA (GROSS)	AREA (NET)	OCCUPANT LOAD FACTOR	OCCUPANT(S)	NUMBER OF EXITS
A201	MEZZANINE			3,103 SF	3103 SF	50	68	
A202	GOLF SIMULATOR			372 SF	372 SF	50	8	
A203	STORAGE			202 SF	202 SF	300	1	



1 G1.1 **MEZZANINE FLOOR CODE PLAN**
1/8" = 1'-0"

PLUMBING FIXTURE COUNT

(BASED ON NON-SIMULTANEOUS USE)

ASSEMBLY DESIGN
504 OCCUPANTS

FIXTURES REQUIRED
252 / 125 = 3 WATER CLOSET(S) - MALE
252 / 65 = 4 WATER CLOSET(S) - FEMALE
252 / 200 = 2 LAVATORY(IES) - MALE
252 / 200 = 2 LAVATORY(IES) - FEMALE
252 / 500 = 1 DRINKING FOUNTAIN(S)
1 SERVICE SINK(S)

ACTUAL PROVIDED
2 WATER CLOSET(S) - MALE
2 URINAL(S) - MALE
2 LAVATORY(IES) - MALE
4 WATER CLOSET(S) - FEMALE
2 LAVATORY(IES) - FEMALE
4 DRINKING FOUNTAIN(S)
1 SERVICE SINK(S)
2 UNISEX TOILET ROOMS (WC AND LAVATORY)

CODE PLAN LEGEND

X — OCCUPANT LOAD THROUGH EXIT

XX" / XXX — CLEAR EXIT WIDTH / ALLOWABLE NUMBER OF OCCUPANTS THROUGH EXIT

OCCUPANCY GROUPS USED

A ASSEMBLY

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

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CONSTRUCTION DOCUMENTS	12/11/2025

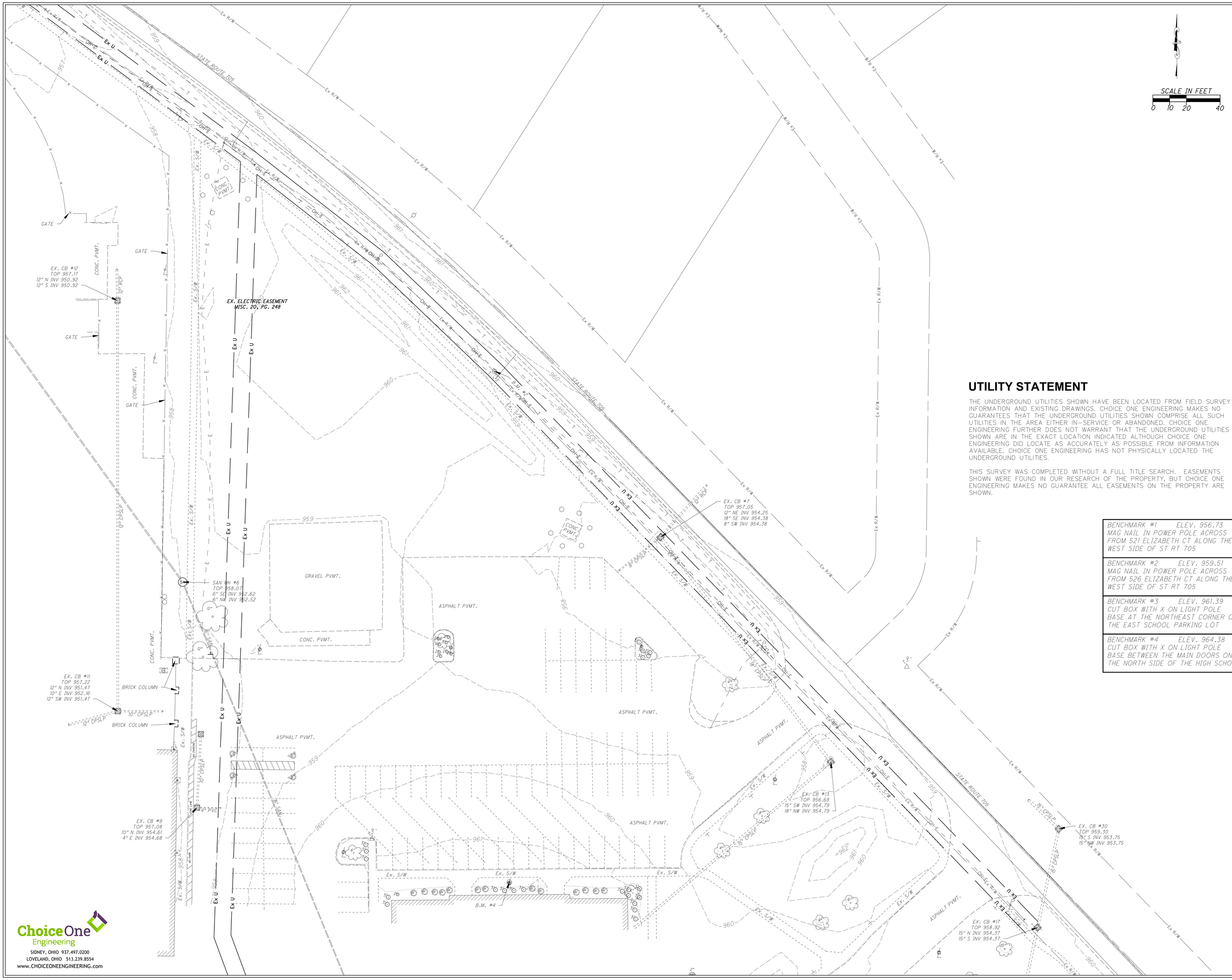
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SHEET TITLE:
CODE PLANS

SHEET NUMBER:
G1.1

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UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. CHOICE ONE ENGINEERING MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN-SERVICE OR ABANDONED. CHOICE ONE ENGINEERING FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH CHOICE ONE ENGINEERING DID LOCATE AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. CHOICE ONE ENGINEERING HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

THIS SURVEY WAS COMPLETED WITHOUT A FULL TITLE SEARCH. EASEMENTS SHOWN WERE FOUND IN OUR RESEARCH OF THE PROPERTY, BUT CHOICE ONE ENGINEERING MAKES NO GUARANTEE ALL EASEMENTS ON THE PROPERTY ARE SHOWN.

BENCHMARK #1	ELEV. 956.73 MAG NAIL IN POWER POLE ACROSS FROM 521 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705
BENCHMARK #2	ELEV. 959.51 MAG NAIL IN POWER POLE ACROSS FROM 526 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705
BENCHMARK #3	ELEV. 961.39 CUT BOX WITH X ON LIGHT POLE BASE AT THE NORTHEAST CORNER OF THE EAST SCHOOL PARKING LOT
BENCHMARK #4	ELEV. 964.38 CUT BOX WITH X ON LIGHT POLE BASE BETWEEN THE MAIN DOORS ON THE NORTH SIDE OF THE HIGH SCHOOL

ChoiceOne Engineering
SIDNEY, OHIO 937.497.0200
LOVELAND, OHIO 513.239.8554
www.CHOICEONEENGINEERING.com

STATE OF OHIO
JAKE CORDONNIER
88966
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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS
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600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

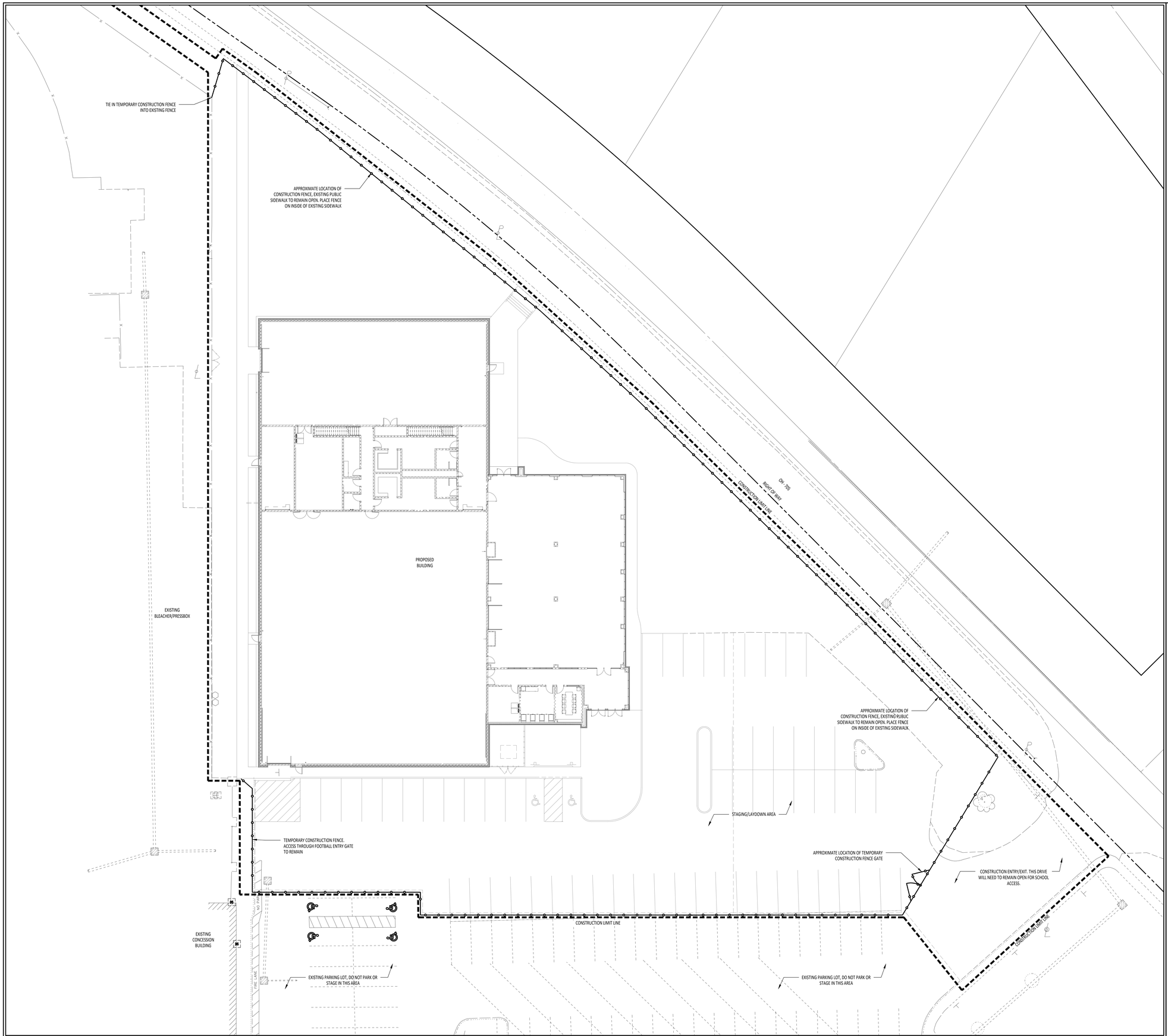
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CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

SHEET TITLE:
SITE SURVEY

SHEET NUMBER:
SS1.1

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1 LO.1 SITE LOGISTICS PLAN
1/16" = 1' - 0"

STATE OF OHIO
MATTHEW R. HIBNER
14146052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #14146052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

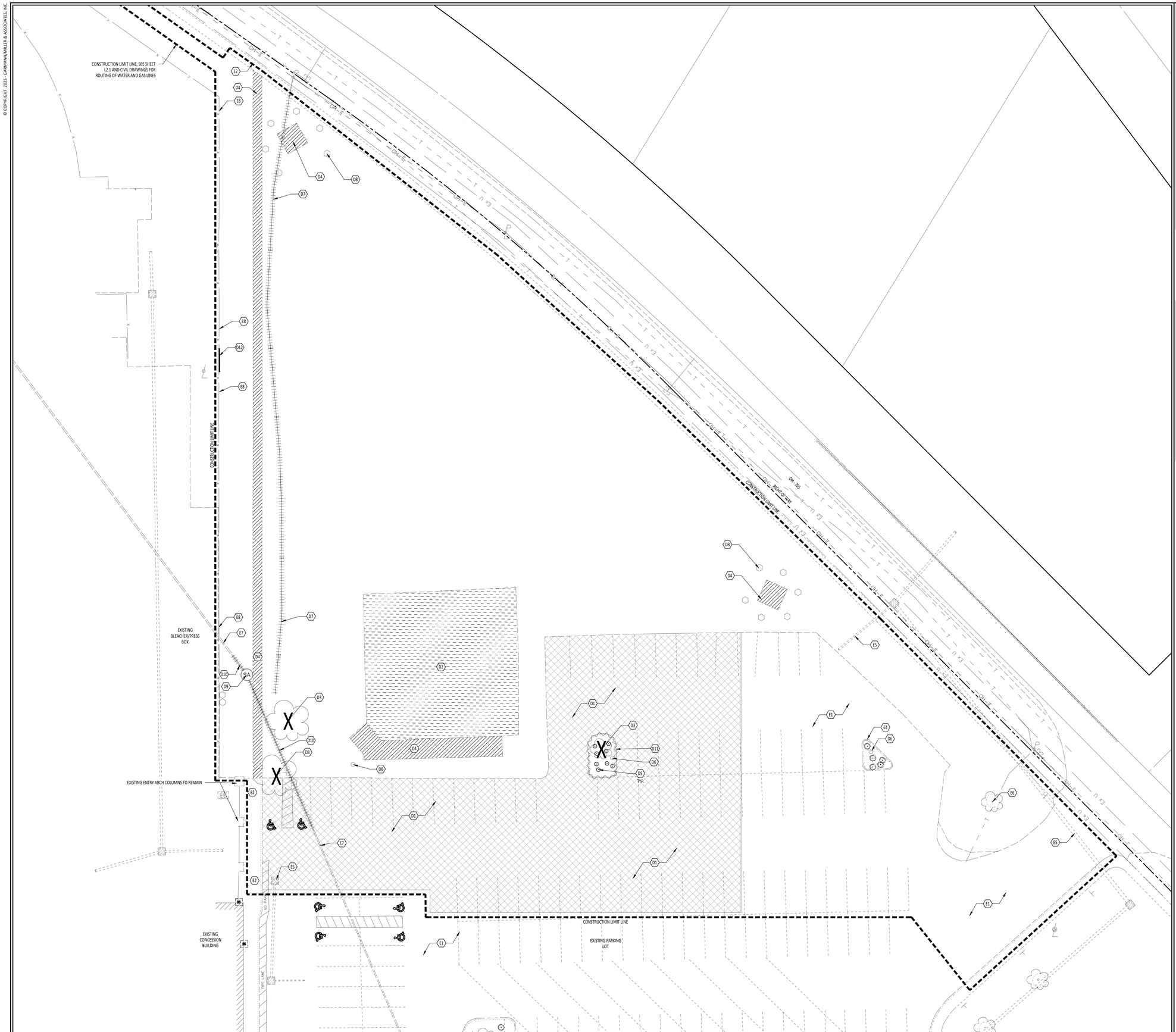
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CONSTRUCTION DOCUMENTS	12/11/2025

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25041.00	MAO	SKE

SHEET TITLE:
SITE LOGISTICS PLAN

SHEET NUMBER:
LO.1

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CONSTRUCTION LIMIT LINE, SEE SHEET L2.1 AND CIVIL DRAWINGS FOR ROUTING OF WATER AND GAS LINES
CONSTRUCTION LIMIT LINE
EXISTING ENTRY ARCH COLUMNS TO REMAIN
EXISTING BLEACHER/PRESS BOX
EXISTING CONCESSION BUILDING
EXISTING PARKING LOT
FIRE LANE
NO PARKING
CONSTRUCTION LIMIT LINE
ROW
ROW
ROW

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ELEVATION DATUM
ALL ELEVATIONS ARE BASED ON NAVD 88 (ODOT VRS GEOID 18).

GENERAL NOTES AND DETAILS
ALL CONSTRUCTION METHODS, MATERIALS, AND SPECIFICATIONS SHALL COMPLY WITH THE LATEST VERSION OF THE VILLAGE OF FORT LORAMIE STANDARDS AND SPECIFICATIONS AND/OR THE LATEST VERSION OF THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION STANDARDS AND SPECIFICATIONS (INCLUDING CURRENT SUPPLEMENTAL SPECIFICATIONS 800 AND 832), WHICHEVER IS MORE RESTRICTIVE AS DETERMINED BY THE VILLAGE OF FORT LORAMIE.

UNDERGROUND UTILITIES
THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 ORC. EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATION ACCORDING TO THE BEST AVAILABLE DATA. THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING THEM IN THE FIELD PRIOR TO CONSTRUCTION AND WILL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THEM. CONTRACTOR TO CONTACT OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 48 HOURS PRIOR TO CONSTRUCTION.

NON-MEMBERS MUST BE CALLED DIRECTLY.

UTILITY OWNERSHIP
LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

STREETS, STORM SEWER
WATER, AND SANITARY
VILLAGE OF FORT LORAMIE
14 ELM STREET
FORT LORAMIE, OH 45845
(937) 295-3088
ATTN: JENNY FRILLING

ELECTRIC
AES OHIO
1900 DRYDEN ROAD
DAYTON, OH 45439
(937) 331-4025
ATTN: BHAVYA KATTA

ELECTRIC
PIONEER ELECTRIC
344 W US RT 36
PIQUA, OH 45356
(937) 381-0645
ATTN: TODD GARRETT

CABLE
CHARTER COMMUNICATIONS
3691 TURNER ROAD
DAYTON, OH 45415
(937) 396-8611
ATTN: MARY EVANS

TELEPHONE
NKTELCO
301 W SOUTH STREET
NEW KNOXVILLE, OH 45871
(419) 753-2457
ATTN: DAVID MEYER

CABLE
BRIGHTSPEED
125 N MAIN STREET
SIDNEY, OH 45365
(937) 498-5105
ATTN: GAGE RYAN

GAS
CENTERPOINT ENERGY
6500 CLYO ROAD
CENTERVILLE, OH 45459
(937) 312-2521
ATTN: GREGORY FISHMAN

OHIO UTILITIES PROTECTION SERVICE 2 WORKING DAYS BEFORE YOU DIG CALL TOLL FREE 800-362-2764

UTILITY INTERFERENCE
IF, DURING THE CONSTRUCTION, INTERFERENCE ARISES WITH EXISTING UTILITIES IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY AND COORDINATE AS NEEDED WITH THE UTILITY COMPANY INVOLVED. ANY AND ALL WORK REQUIRED FOR PRIVATE UTILITIES SHALL BE COORDINATED WITH AND, IF REQUIRED, DONE BY THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE NOTED ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY, AT LEAST 7 DAYS BEFORE BREAKING GROUND, ALL PUBLIC SERVICE CORPORATIONS HAVING WIRES, POLES, PIPES, CONDUITS, MANHOLES, OR OTHER STRUCTURES THAT MAY BE AFFECTED BY THIS OPERATION, INCLUDING ALL STRUCTURES WHICH ARE AFFECTED AND NOT SHOWN ON THESE PLANS.

EXISTING TILE HOOKUPS
THE DRAINAGE TILE CURRENTLY CONNECTED TO THE EXISTING STORM SEWER SHALL BE CONNECTED TO THE PROPOSED STORM SEWER. ANY DRAINAGE TILE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL CONDITION. ALL TILE REMOVED, REPLACED AND/OR CONNECTED TO THE STORM SEWER SHALL BE NOTED ON THE RECORD DRAWINGS AND SHALL BE INSPECTED BY THE VILLAGE OF FORT LORAMIE BEFORE THEY ARE COVERED.

ALL FIELD OR STORM DRAINS WHICH ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS OR PLUGGED AS APPROVED AND DIRECTED BY THE VILLAGE OF FORT LORAMIE. CONNECTION OF INTERSECTING DRAIN TILES AND THE PROPOSED STORM SEWER SHALL BE THROUGH MANUFACTURED TEES, UNLESS OTHERWISE APPROVED BY THE VILLAGE OF FORT LORAMIE. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTORS OVERALL LUMP SUM BID FOR THE PROJECT.

GEOTECHNICAL ENGINEERING REPORT
CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT FOR THE PROPOSED PROJECT AND PERFORM ALL GEOTECHNICAL WORK IN ACCORDANCE WITH THIS REPORT.

MUD
THE TRACKING OR SPILLAGE OF MUD, DIRT, OR DEBRIS UPON PUBLIC STREETS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR.

EXISTING UTILITY CONFLICT NOTE
IF A CONFLICT ARISES WITH EXISTING UTILITIES, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND APPROPRIATE UTILITY COMPANY TO GET THE CONFLICT RESOLVED.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES
WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, VILLAGE OF FORT LORAMIE SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT THE EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, VILLAGE OF FORT LORAMIE SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTORS OVERALL LUMP SUM BID FOR THE PROJECT.

UTILITY STATEMENT
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. CHOICE ONE ENGINEERING CORPORATION MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN-SERVICE OR ABANDONED. CHOICE ONE ENGINEERING CORPORATION FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. CHOICE ONE ENGINEERING CORPORATION HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

CAD FILE DISCLAIMER
THE CAD FILE ASSOCIATED WITH THESE CONSTRUCTION PLANS IS A NON-CERTIFIED DOCUMENT. ANY USE OF THE INFORMATION OBTAINED OR DERIVED FROM THE ASSOCIATED CAD FILE WILL BE AT THE RECEIVING PARTY/USER'S RISK. CHOICE ONE ENGINEERING CORP. OFFERS NO WARRANTY AS TO THE ACCURACY OF THE INFORMATION IN THE CAD FILE OR THAT REVISIONS HAVE BEEN ISSUED AFTER THE CAD DRAWING WAS RELEASED. RECEIVING PARTIES/USERS SHALL HOLD HARMLESS TO THE MAXIMUM EXTENT ALLOWED BY LAW CHOICE ONE ENGINEERING CORP. FROM ANY USE OF THE CAD FILE BY THE RECEIVING PARTY/USER. IN ALL CIRCUMSTANCES, AND AT ALL TIMES, THE PUBLISHED PAPER AND/OR PDF DRAWINGS FOR THE PROJECT SHALL SUPERSEDE THE CAD FILES. IN THE CASE OF AN INCONSISTENCY BETWEEN THE PUBLISHED PAPER/PDF DRAWINGS AND THE ASSOCIATED CAD FILE, THE PUBLISHED PAPER/PDF DRAWINGS SHALL GOVERN THE PROJECT AND ALL WORK.

SAFETY
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK.

MASONRY COLLAR
A CONCRETE COLLAR SHALL BE PROVIDED WHERE PROPOSED STORM SEWER PIPE IS CONNECTED TO AN EXISTING PIPE. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

DEWATERING AND BY-PASS PUMPING
ANY DEWATERING, COFFERDAMS, OR PUMPING NECESSARY FOR THE CONSTRUCTION OF ANY ITEMS SHALL BE INCIDENTAL TO THOSE PARTICULAR CONSTRUCTION ITEMS AND SHALL BE INCLUDED IN THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

CLEAN WATER NOTE
ROOF DRAINS, FOUNDATION DRAINS, AND ALL OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SYSTEM ARE PROHIBITED.

SANITARY SEWER/LATERAL NOTE
ALL SANITARY SEWER LINES AND SANITARY LATERALS MUST BE INSTALLED WITH 40 INCHES MINIMUM OF COVER OR BELOW FROST DEPTH WHICHEVER IS GREATER.

GENERAL NOTES
1. INSTALL AND TEST ALL UTILITIES PER THE LATEST VERSION OF THE VILLAGE OF FORT LORAMIE STANDARDS.

2. ALL DISTURBED AREAS AND ALL NON-PAVEMENT AREAS SHALL HAVE A MINIMUM OF 6" OF TOP SOIL PLACED AND ARE TO BE SEEDED AND MULCHED PER ODOT ITEM 659.

3. CONTRACTOR TO BE RESPONSIBLE FOR ANY PERMITS OR FEES THAT MAY BE NECESSARY FOR THE COMPLETION OF THE SITE WORK.

4. ALL WORK SHALL CONFORM WITH ALL FEDERAL, STATE, AND LOCAL ADA REGULATIONS AND STANDARDS.

5. ALL ITEMS ON SITE PLAN SHALL BE CONSTRUCTED PER THE LATEST VERSION OF THE VILLAGE OF FORT LORAMIE STANDARDS.

STORM SEWER INSTALLATION
THIS WORK CONSISTS OF CONSTRUCTING STORM SEWER. THE CONTRACTOR SHALL PROVIDE ALL TOOLS AND EQUIPMENT REQUIRED FOR INSTALLING THESE ITEMS. THE WORK ALSO INCLUDES FURNISHING ALL MATERIALS, EXCAVATING, BEDDING, LAYING PIPE, JOINTING, BACKFILLING, REMOVAL AND RESTORATION OF DISTURBED FACILITIES AND SURFACES, CURB REPAIR, SIDEWALK REPAIR, PAVEMENT REPAIR (I.E. PAVEMENT IN STREETS, ALLEYS AND DRIVEWAYS), DISPOSAL OF ALL SURPLUS EXCAVATION AND DISCARDED MATERIALS, AND OTHER WORK NECESSARY TO COMPLETE THE ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD LOCATE ALL EXISTING STORM SEWER, AND OTHER UTILITIES, PRIOR TO INSTALLING THE PROPOSED STORM SEWER SYSTEM. THE EXISTING STORM SEWER AND LATERALS SHOWN ON THE PLANS ARE IN THE APPROXIMATE LOCATION AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE PROPOSED TIE-INS TO THE EXISTING STORM PRIOR TO ANY STORM SEWER CONSTRUCTION. ALL TIE-INS SHALL BE THROUGH PREMANUFACTURED TEES OR HOLES INSTALLED USING A CORING MACHINE. PIPE MAY BE ANY OF THE PIPE TYPES LISTED BELOW UNLESS OTHERWISE SPECIFIED ON THE PLANS.

TYPES OF PIPE PERMITTED	ODOT MATERIALS NUMBERS
CORRUGATED POLYETHYLENE SMOOTH-LINED PIPE (CPSLP)	707.33
POLYPROPYLENE CORRUGATED DOUBLE WALL PIPE (PCDWP)	707.65
POLYVINYL CHLORIDE SOLID WALL PIPE (SDR-35)	707.45
REINFORCED CONCRETE PIPE	706.02

STORM AND SANITARY CONDUITS/STRUCTURES AND RELATED WORK
THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 611, PIPE CULVERTS, SEWERS, DRAINS, AND DRAINAGE STRUCTURES, EXCEPT AS HEREIN MODIFIED.

THE INSTALLATION OF ALL STORM SEWER, SANITARY SEWER, AND ALL CORRESPONDING STRUCTURES SHALL BE PER MANUFACTURER'S RECOMMENDATIONS OR AS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN A HIGH STANDARD OF WORK. CONTRACTOR IS RESPONSIBLE TO ENSURE ALL WORK IS PERFORMED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OR AS NOTED ON THE PLANS. CONTRACTOR SHALL ALSO ENSURE THAT ALL ITEMS ARE FULLY AND PROPERLY FUNCTIONAL, AND TO A QUALITY ACCEPTABLE TO THE OWNER.

ALL PIPE CULVERTS, CONDUITS, SEWERS, DRAINS, AND DRAINAGE STRUCTURES (CATCH BASINS, YARD DRAINS, MANHOLES, ETC.) SHALL MEET THE MATERIAL REQUIREMENTS OF THIS ITEM. THE FOLLOWING ITEMS WILL NOT BE REQUIRED UNLESS OTHERWISE NOTED: 1) INSTALLATION PLAN, 2) CONSTRUCTION INSPECTION FORMS, 3) PERFORMANCE INSPECTIONS AND REPORTS, 4) CONDUIT AND DRAINAGE STRUCTURE EVALUATIONS.

THE CONTRACTOR SHALL ENSURE THE CONDUIT BEDDING AND BACKFILL COMPACTION DENSITY MEETS ASTM D698 (98% STANDARD PROCTOR). TESTING MAY BE REQUIRED IF DEEMED NECESSARY BY THE OWNER OR THE OWNER'S REPRESENTATIVE.

MAINTAINING TRAFFIC
MAINTAIN TRAFFIC AS INDICATED IN THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", ALSO THE FOLLOWING REQUIREMENTS SHALL APPLY.

EXCAVATIONS WITHIN PUBLIC RIGHT-OF-WAY LIMITS SHALL BE CLOSED AT TIMES WHEN WORK IS NOT BEING PERFORMED.

LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING THE TIME THAT AN APPROVED CLOSURE AND DETOUR IS ALLOWED BY THE GOVERNING AUTHORITY.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING NECESSARY TRAFFIC CONTROL DEVICES AND PAVEMENT REPAIR MATERIALS TO MAINTAIN THE TRAVELED PAVEMENT SAFELY.

NO SHUT DOWN OF ANY OWNER FACILITY DRIVE, ROADWAY OR PARKING LOT WILL BE ALLOWED WITHOUT WRITTEN CONSENT FROM THE OWNER. ALL OWNER ROADWAYS MUST HAVE AT LEAST ONE LANE OPEN AT ALL TIMES. NO STAGING OF TRUCKS OUTSIDE OF CONSTRUCTION LIMITS WILL BE PERMITTED WITHOUT CONSENT FROM THE OWNER.

SUBCONTRACTOR SUPERVISION
THE CONTRACTOR IS REQUIRED TO HAVE SOMEONE ON-SITE TO SUPERVISE THE SUBCONTRACTOR FOR QUALITY CONTROL PURPOSES AND TO PROVIDE ANY NECESSARY ASSISTANCE TO THE SUBCONTRACTOR TO ENSURE QUALITY WORK. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

EXCAVATION AND EMBANKMENT
TOPSOIL SHALL BE REMOVED FROM ALL DISTURBED AREAS AND ALL AREAS TO BE EXCAVATED OR EMBANKED. A MINIMUM OF 6" OF TOPSOIL SHALL BE FINE GRADED ON ALL DISTURBED AREAS.

ALL EMBANKMENT SHALL BE COMPACTED TO A MINIMUM OF 100% STANDARD PROCTOR OR AS DETERMINED BY THE OWNER. TESTING MAY BE REQUIRED BY THE OWNER.

SAWCUT PAVEMENT JOINTS
MORE THAN ONE SAWCUT MAY BE NECESSARY TO ENSURE A CLEAN CUT. JUST PRIOR TO ASPHALT OR CONCRETE PLACEMENT, ASPHALT MATERIAL SHALL BE PLACED ON THE VERTICAL FACE OF SAWCUT JOINTS PRIOR TO PAVING AS PER 401.14. AFTER THE ASPHALT WORK IS COMPLETED, THE TRANSVERSE JOINTS SHALL BE SEALED WITH LIQUID ASPHALT.

WATER LINE CROSSING SEPARATION
CONTRACTOR SHALL LOWER/DIP ANY EXISTING OR PROPOSED WATER LINES AS NEEDED TO OBTAIN AN 18" MINIMUM SEPARATION DISTANCE FROM THE WATER LINE TO ANY STORM OR SANITARY SEWER. WATER LINE SHALL BE LAID AT LEAST 10' HORIZONTALLY FROM ANY SEWERS. WHENEVER A SANITARY OR STORM SEWER AND WATER LINE MUST CROSS, THE SEWER AND WATER SHALL BE LAID AT SUCH AN ELEVATION THAT THERE IS AT LEAST 18" OF SEPARATION BETWEEN THE OUTSIDE WALLS OF THE TWO PIPES. ALSO ONE FULL LENGTH OF WATERLINE SHALL BE LOCATED SO THE JOINTS ARE AS FAR FROM THE STORM AND SANITARY SEWERS AS POSSIBLE. IF IT IS ABSOLUTELY IMPOSSIBLE TO MAINTAIN THE 18" VERTICAL SEPARATION, THE SEWER SHALL BE CONSTRUCTED OF WATER LINE TYPE MATERIALS WHICH WOULD BE ABLE TO WITHSTAND A 100 PSI PRESSURE TEST (NOTE: DO NOT PRESSURE TEST SEWER TO 100 PSI). THESE REQUIREMENTS WILL EXTEND FOR THE DISTANCE OF THE ENTIRE SPAN. NO CHANGE OF MATERIALS ARE ALLOWED MID-SPAN. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

DOWNSPOUTS
THE CONTRACTOR SHALL CONNECT ANY DOWNSPOUTS AS SHOWN ON THE SITE PLAN OR TO THE CLOSEST STORM PIPING OR CATCH BASINS USING CPSLP OR PVC SDR-35 SEWER OR APPROVED EQUAL.

UTILITIES
CONTRACTOR SHALL INSTALL AND/OR COORDINATE THE INSTALLATION OF GAS, ELECTRIC, TELEPHONE, CABLE TELEVISION, FIBER OPTIC, ETC.. CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES PRIOR TO INSTALLATION OF ANY FACILITIES. ALL UTILITIES SHALL BE INSTALLED PER EACH PARTICULAR UTILITY COMPANY'S STANDARDS AND PROCEDURES. CONTRACTOR TO VERIFY ACTUAL SIZES, LOCATIONS (POINTS OF ENTRY INTO THE BUILDING) AND INVERTS OF ALL UTILITIES TYING INTO THE BUILDING WITH ALL ARCHITECT PLANS (BUILDING, PLUMBING, ELECTRICAL, ETC.) BEFORE CONSTRUCTION.

REVIEW OF DRAINAGE FACILITIES
BEFORE FINAL ACCEPTANCE BY THE OWNER, REPRESENTATIVES OF THE OWNER, AND THE CONTRACTOR, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. ALL EXISTING SEWERS INSPECTED BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO PRE-EXISTING CONDITION OF THE SEWER. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE VILLAGE OF FORT LORAMIE AND/OR OWNER.

ALL NEW CONDUITS, UNDERDRAINS (INCLUDING THE STONE BACKFILL ABOVE THE UNDERDRAIN PIPING), INLETS, CATCH BASINS, MANHOLES, SWALES/DITCHES, AND DETENTION/RETENTION BASINS CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER (INCLUDING SEDIMENT) AND IN A CLEAN CONDITION AND FULLY AND PROPERLY FUNCTIONAL BEFORE THE PROJECT WILL BE ACCEPTED BY THE OWNER.

CLEARING AND GRUBBING
CONTRACTOR TO CLEAR THE AREA AS SHOWN ON THE PLANS AND/OR AS NEEDED TO WORK ON THIS PROJECT. UNLESS STATED ELSEWHERE IN THE PLANS, CLEARING AND GRUBBING IS TO BE KEPT TO A MINIMUM IN ORDER TO PRESERVE THE WOODED AREAS.

MODIFICATIONS
ANY MODIFICATIONS TO THE SPECIFICATIONS OR CHANGES TO THE WORK AS SHOWN ON THE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE OWNER.

RESTORATION
THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DISTURBED AND/OR DAMAGED AREAS, INCLUDING PAVEMENT, TO CONDITIONS EQUAL TO OR BETTER THAN CONDITIONS PRIOR TO CONSTRUCTION OR TO THE SATISFACTION OF THE OWNER.

MISCELLANEOUS
THE INTENT OF THESE DRAWINGS IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK BY THE CONTRACTOR. PERFORMANCE BY THE CONTRACTOR SHALL BE REQUIRED TO THE EXTENT CONSISTENT WITH THE CONTRACT DOCUMENTS AND REASONABLY INFERABLE FROM THEM AS BEING NECESSARY TO PRODUCE THE INTENDED RESULTS.

IN THE CASE OF AN INCONSISTENCY BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT, THE BETTER QUALITY OR GREATER QUANTITY OF WORK SHALL BE PROVIDED IN ACCORDANCE WITH THE OWNER'S REPRESENTATIVE'S INTERPRETATION.

CONTRACTORS SHALL VERIFY ALL GRADES, ELEVATIONS, AND EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

CONTRACTOR'S LUMP SUM BID PRICE SHALL INCLUDE ALL ITEMS AND OPERATIONS NEEDED, REQUIRED AND NECESSARY FOR THE PROPER EXECUTION OF THE PROJECT AND TO COMPLETE ALL WORK.

GRAFFITI AND VANDALISM
THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ANY CONCRETE WORK OR OTHER ITEMS UNDER THIS CONTRACT WHICH IS DEEMED UNACCEPTABLE BY THE OWNER DUE TO GRAFFITI OR VANDALISM DAMAGE.

OWNER COORDINATION NOTES
THE CONTRACTOR SHALL COORDINATE THE PROPOSED WORK WITH THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK ON SITE. IF THE CONTRACTOR IS TO ENGAGE IN ANY OPERATIONS THAT AFFECT THE EXISTING FACILITY OPERATIONS, THE CONTRACTOR SHALL COORDINATE THE SCHEDULING OF SUCH ACTIVITIES WITH THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY SUCH OPERATIONS OR ACTIVITIES.

THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT, BRACING, AND OTHER DEVICES AS MAY BE REQUIRED OR AS DIRECTED BY OWNER'S REPRESENTATIVE OR THE ENGINEER TO PROTECT THE SAFETY OF THE PUBLIC, ADJACENT STRUCTURES, ROADWAY AND/OR UTILITIES. ALL WORK TO BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.

GENERAL NOTES FOR CIVIL WORK
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND IS TO INCLUDE SUCH COSTS AS A PART OF THE LUMP SUM PRICE ON THE PROJECT.

2. THE CONTRACTOR IS RESPONSIBLE TO CONTACT THE APPROPRIATE UNDERGROUND UTILITY MARKING SERVICE PRIOR TO THE START OF ANY CONSTRUCTION IN ORDER TO AVOID CONFLICTS WITH EXISTING UTILITIES. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR IS TO NOTIFY THE OWNER PRIOR TO THE START OF ANY WORK THAT WOULD BE IN CONFLICT WITH THE UTILITIES.

3. THE CONTRACTOR IS TO VISIT AND INVESTIGATE THE PROJECT SITE, PRIOR TO BIDDING, IN ORDER TO DETERMINE THE EXISTING GROUND AND SITE CONDITIONS. FOR SOIL TYPE AND GROUND WATER TABLE, THE CONTRACTOR IS ENCOURAGED TO UTILIZE ANY AVAILABLE DATA TO ESTIMATE GROUND CONDITIONS. SHOULD THE BIDDING CONTRACTOR REQUIRE ADDITIONAL TEST HOLES PRIOR TO BIDDING IN ORDER TO DETERMINE OR VALIDATE GROUND CONDITIONS, THIS CAN BE COMPLETED AT THE DISCRETION OF THE OWNER. NO TEST HOLES ARE TO BE DUG WITHOUT CONTACTING THE OWNER'S REPRESENTATIVE PRIOR TO EXCAVATION AND WITHOUT RECEIVING WRITTEN APPROVAL FROM THE OWNER'S REPRESENTATIVE TO DO SO.

4. THE CONTRACTOR SHALL COMPLY WITH ALL RULES AND REGULATIONS WITH REGARD TO EXCAVATION, SAFETY, QUALITY AND WORK PROGRESS. IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH THESE THROUGHOUT CONSTRUCTION OPERATIONS.

5. THE LOCATION OF MATERIALS STORED ON SITE MUST RECEIVE THE APPROVAL OF THE OWNER. IN GENERAL, MATERIALS SHOULD BE STORED SO AS TO MINIMIZE THE INCONVENIENCE TO THE OWNER.

6. IF EXCAVATED MATERIALS ARE FOUND TO BE CONTAMINATED, REMEDIATION WILL BE AT THE OWNER'S EXPENSE PRIOR TO REMOVAL FROM THE SITE OR DISPOSAL ON-SITE BY THE CONTRACTOR. THIS PROCESS WILL BE COORDINATED BETWEEN THE OWNER AND CONTRACTOR.

7. TRENCH EXCAVATION SHALL BE PERFORMED IN ACCORDANCE WITH THE BID SPECIFICATIONS AND IN ACCORDANCE WITH ALL APPLICABLE OSHA RULES AND REGULATIONS. IN ADDITION, THE OWNER MAY HAVE ADDITIONAL REQUIREMENTS FOR EXCAVATION AND TRENCHING ON OWNER PROPERTY THAT MAY BE MORE STRINGENT THAN CURRENT LOCAL OR OSHA REQUIREMENTS. IN THIS CASE, THE OWNER'S REQUIREMENTS ARE TO BE FOLLOWED UNLESS THIS ACTION WOULD BE CONSIDERED NON-COMPLIANT WITH CURRENT GOVERNING CODES OR REGULATIONS AS DEFINED BY LOCAL OR GOVERNING AUTHORITIES. WHERE A NON-COMPLIANCE ISSUE IS NOTED, THE CONTRACTOR IS TO MAKE THE OWNER AND ENGINEER AWARE OF THE GOVERNING CODE.

8. THE CONTRACTOR WILL BE RESPONSIBLE TO REPAIR, REPLACE, AND/OR RECONNECT ANY EXISTING DRAINAGE TILES, NOT SHOWN ON THE PLANS, WHICH CROSS THROUGH THE EXCAVATED TRENCH. ANY DRAINAGE TILES ENCOUNTERED ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER AND A MEASUREMENT TAKEN FROM THE NEAREST MANHOLE OR INLET STRUCTURE TO THE CENTERLINE OF THE TILE. THIS INFORMATION SHALL BE PROVIDED TO THE OWNER AS PART OF THE RECORD DRAWINGS.

9. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPAIRS TO ANY UTILITY LINE(S) THAT THE CONTRACTOR DAMAGES UNLESS OTHERWISE CLEARLY THE RESPONSIBILITY OF THE UTILITY COMPANY.

10. THE CONTRACTOR WILL REPLACE ALL DAMAGED OR REMOVED DRIVES AND PAVEMENT WITH THE REQUIRED THICKNESS SHOWN ON THE PLANS OR MATCH EXISTING IF GREATER.

11. ALL DISTURBED LAWN AREAS SHALL BE GRADED TO DRAIN TO THE NEAREST INLET STRUCTURE.

12. CONTRACTOR SHALL USE PROPER EROSION CONTROL TECHNIQUES TO MAINTAIN GRADE PRIOR TO SEEDING.

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ISSUANCES/REVISIONS
CONSTRUCTION DOCUMENTS 12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
C0.1

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GENERAL NOTES FOR CIVIL WORK (CONT.)

13. CONTRACTOR TO REFER TO ODOT SPECIFICATION, ITEM 659 FOR SEEDING AND MULCHING UNLESS OTHERWISE SPECIFIED. CONTRACTOR WILL NOT SEED ANY AREA UNTIL OWNER HAS INSPECTED FINAL TOPSOIL GRADING.

14. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ALL FENCES, LAWN DECORATIONS, TREES, SHRUBS, PLANTING, VEGETATION ETC. WHICH IS DAMAGED, DISTURBED OR REMOVED DURING CONSTRUCTION.

15. DURING PAVING OPERATIONS, THE CONTRACTOR MUST SUBMIT A WRITTEN PLAN IDENTIFYING DRIVE AREAS WITHIN THE SITE THAT WILL BE SHUT DOWN FOR CONSTRUCTION OPERATIONS PRIOR TO START OF ANY WORK IN THOSE AREAS. CONTRACTOR MUST MAINTAIN A MINIMUM OF ONE LANE FOR TRAFFIC IN ANY AREAS SO DESIGNATED BY THE OWNER THROUGHOUT ALL CONSTRUCTION OPERATIONS.

ITEM 659 SEEDING AND MULCHING, CLASS 1 (LAWN MIXTURE), AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 659, SEEDING AND MULCHING, EXCEPT AS HEREIN MODIFIED.

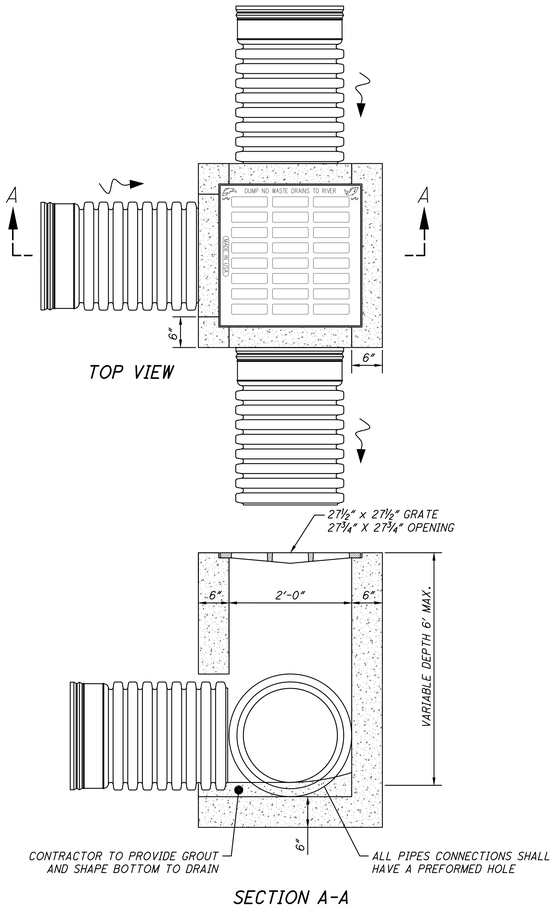
ALL DISTURBED AREAS OR AREAS DESIGNATED FOR SEEDING SHALL BE GRADED AND SEEDED AND SHALL HAVE A MINIMUM OF 6" OF TOPSOIL OVER THE ENTIRE AREA. TESTING THE PH OF ANY EXISTING OR IMPORTED TOPSOIL PER ODOT 659.02 SHALL BE WAIVED. THE AREA SHALL BE HAND-RAKED AND DRESSED READY FOR SEEDING. NO STONE OVER $1^{9}/_{32}$ IN SIZE PERMITTED IN THE TOP 6".

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL.

IT'S THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE THE REQUIRED GERMINATION RATES AND ENSURE THE GRASS IS ESTABLISHED TO THE SATISFACTION OF THE OWNER WHICH MAY REQUIRE WATERING, REGRADING/ADDING TOPSOIL AND RESEEDING.
ANY AREAS THAT HAVE ERODED OR WHERE NEW GRASS DID NOT GERMINATE SHALL BE ADDRESSED BY THE CONTRACTOR UNTIL THE AREAS ARE STABILIZED, SHAPED, AND DRAINED, AS INDICATED IN THE PLANS.

ANY DISTURBED AREA, OUTSIDE OF THE PROJECT WORK LIMITS, CAUSED BY THE CONTRACTOR'S WORK, SHALL BE RESTORED TO THE SATISFACTION OF THE PROPERTY OWNER AND PROJECT OWNER'S REPRESENTATIVE, AT THE CONTRACTOR'S SOLE EXPENSE.
THIS ITEM INCLUDES: TOPSOIL, SEEDING, MULCHING, COMMERCIAL FERTILIZER, WATER, AND REPAIR SEEDING AND MULCHING.

PAYMENT FOR ITEM 659 SEEDING AND MULCHING, CLASS 1 (LAWN MIXTURE), AS PER PLAN, FOR ALL ABOVE OPERATIONS, SHALL BE INCLUDED IN THE LUMP SUM BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.



NOTES

A. LOCATION AND ELEVATIONS WHEN GIVEN ON THE PLANS IS TOP CENTER OF THE GRATE. WHEN SIDE OPENINGS ARE PROVIDED, ELEVATION SHALL BE THE FLOW LINE OF THE SIDE INLET.

B. CATCH BASINS INSTALLED IN NON-PAVED AREAS SHALL BE PROVIDED WITH A RECESSED GRATE MANUFACTURED BY NEENAH CATALOG NO. R-4859-C (TYPE A) OR EAST JORDAN IRON WORKS 5110 (TYPE M3) OR EQUIVALENT.

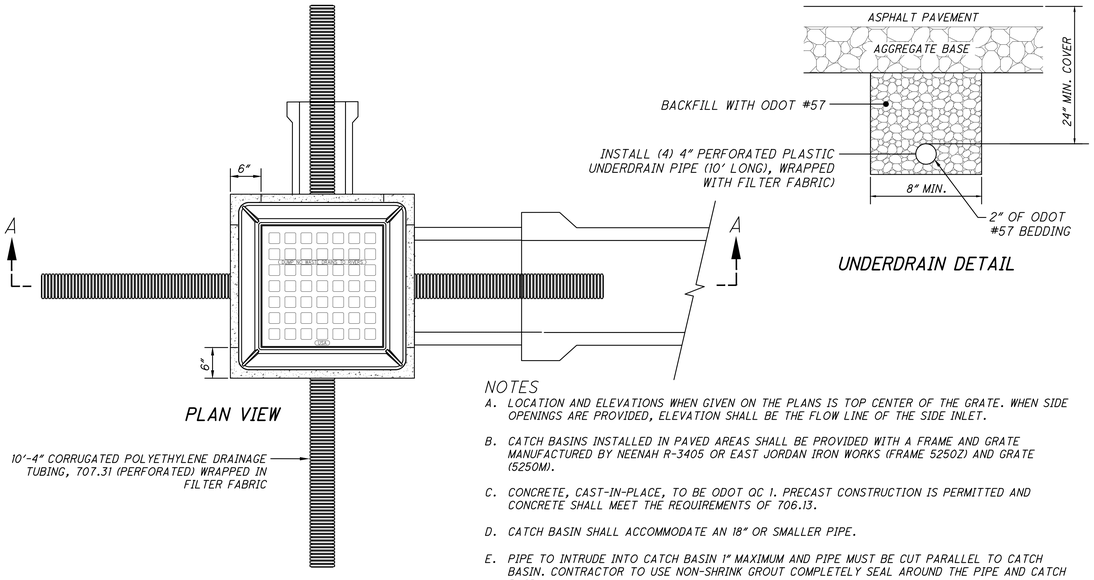
C. CONCRETE, CAST-IN-PLACE, TO BE ODOT QC 1. PRECAST CONSTRUCTION IS PERMITTED AND CONCRETE SHALL MEET THE REQUIREMENTS OF 706.13.

D. GRATE ELEVATION TO BE PLACED 4" - 6" BELOW THE NORMAL DITCH LINE RETURNING TO NORMAL 10'-0" ON EACH SIDE OF STRUCTURE.

E. CATCH BASIN SHALL ACCOMMODATE AN 18" OR SMALLER PIPE.

F. PIPE TO INTRUDE INTO CATCH BASIN 1" MAXIMUM AND PIPE MUST BE CUT PARALLEL TO CATCH BASIN. CONTRACTOR TO USE NON-SHRINK GROUT COMPLETELY SEAL AROUND THE PIPE AND CATCH BASIN.

2-2B CATCH BASIN (NON-PAVED AREAS)



NOTES

A. LOCATION AND ELEVATIONS WHEN GIVEN ON THE PLANS IS TOP CENTER OF THE GRATE. WHEN SIDE OPENINGS ARE PROVIDED, ELEVATION SHALL BE THE FLOW LINE OF THE SIDE INLET.

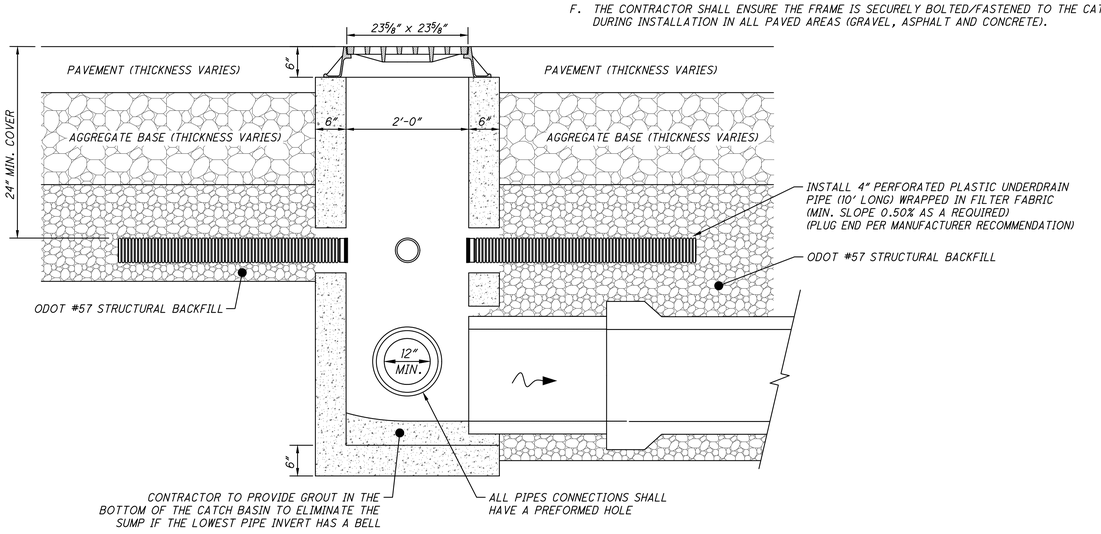
B. CATCH BASINS INSTALLED IN PAVED AREAS SHALL BE PROVIDED WITH A FRAME AND GRATE MANUFACTURED BY NEENAH R-3405 OR EAST JORDAN IRON WORKS (FRAME 5250Z) AND GRATE (5250M).

C. CONCRETE, CAST-IN-PLACE, TO BE ODOT QC 1. PRECAST CONSTRUCTION IS PERMITTED AND CONCRETE SHALL MEET THE REQUIREMENTS OF 706.13.

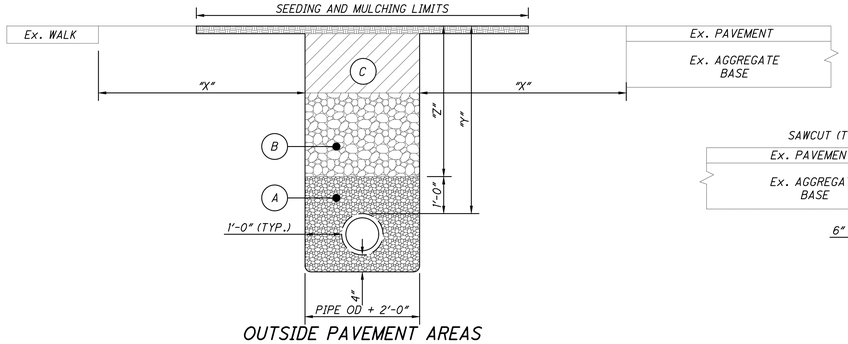
D. CATCH BASIN SHALL ACCOMMODATE AN 18" OR SMALLER PIPE.

E. PIPE TO INTRUDE INTO CATCH BASIN 1" MAXIMUM AND PIPE MUST BE CUT PARALLEL TO CATCH BASIN. CONTRACTOR TO USE NON-SHRINK GROUT COMPLETELY SEAL AROUND THE PIPE AND CATCH BASIN.

F. THE CONTRACTOR SHALL ENSURE THE FRAME IS SECURELY BOLTED/FASTENED TO THE CATCH BASIN DURING INSTALLATION IN ALL PAVED AREAS (GRAVEL, ASPHALT AND CONCRETE).



2-2C CATCH BASIN (PAVED AREAS, WITH UNDERDRAINS)

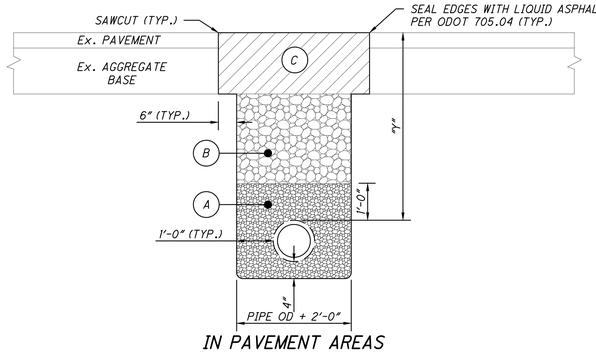


OUTSIDE PAVEMENT AREAS

"X"= DISTANCE FROM EDGE OF TRENCH TO EDGE OF CLOSEST PROPOSED OR EXISTING PAVEMENT, CURB, DRIVEWAYS, ALLEYS, STONE AREA OR WALKS.

"Z"= DISTANCE FROM TOP OF BEDDING TO FINISH SURFACE.

"Y"= DEPTH OF COVER FOR PROPOSED CONDUIT
WATER MAINS.....4'-6" MIN. (REFER TO PROFILE)
STORM SEWERS.....2'-0" MIN. (REFER TO PROFILE)
SANITARY SEWERS.....4'-0" MIN. (REFER TO PROFILE)



IN PAVEMENT AREAS

NOTES

A. BEDDING SHALL BE PER ODOT 703.11 "STRUCTURAL BACKFILL FOR 611 BEDDING AND BACKFILL" TYPE 3 (#57 OR #67 AGGREGATE), OR OTHER APPROVED EQUIVALENT BY THE MUNICIPALITY. THERE SHALL BE 4" MIN. BEDDING BELOW THE PIPE. THE FOLLOWING BEDDING MATERIAL SHALL BE USED PER PROPOSED CONDUIT:

- WATER MAIN, WATER SERVICES, FIRE HYDRANTS AND APPURTENANCES - SHALL BE NATURAL CRUSHED STONE OR NATURAL GRAVEL.
- STORM AND SANITARY SEWERS - SHALL BE CRUSHED LIMESTONE OR NATURAL CRUSHED STONE.

B. STRUCTURAL BACKFILL - DENSITY TEST TO 95% OF ASTM D698 STANDARD PROCTOR CURVE MAY BE REQUIRED BY MUNICIPALITY TO BE COMPLETED BY A CERTIFIED COMMERCIAL TESTING LABORATORY.

FOR "OUTSIDE PAVEMENT AREAS":
ALL TRENCHES WHERE "X" IS GREATER THAN "Z", THE BACKFILL MATERIAL SHALL BE COMPACTED NATIVE MATERIAL IN 12" MAXIMUM LIFTS OR AS APPROVED BY THE MUNICIPALITY. NO MATERIAL SHALL BE USED FOR BACKFILLING THAT CONTAINS STONE, ROCKS, ETC., GREATER THAN 3" DIAMETER.

ALL TRENCHES WHERE "Z" IS GREATER THAN "X", THE BACKFILL MATERIAL SHALL BE ODOT ITEM 703.11, TYPE 1 (#304 AGGREGATE). THE AGGREGATE SHALL BE COMPACTED IN 12" MAXIMUM LIFTS AND BE USED UNTIL THE BACKFILL HEIGHT RESULTS IN "X" BEING GREATER THAN "Z" AT WHICH TIME NATIVE BACKFILL CAN BE USED.

FOR "IN PAVEMENT AREAS":
ALL TRENCHES SHALL HAVE ODOT ITEM 703.11, TYPE 1 (#304 AGGREGATE) BACKFILL PLACED FROM THE TOP OF THE BEDDING TO THE BOTTOM OF THE ROADWAY BASE.

C. ALL "OUTSIDE PAVEMENT AREAS" SHALL RECEIVE A MIN. OF 6" OF TOPSOIL OVER THE COMPACTED MATERIAL AND THEN SEEDED PER ODOT 659. ALL "IN PAVEMENT AREAS" SHALL FOLLOW THE CORRESPONDING PAVEMENT COMPOSITION PROVIDED IN THE HATCH LEGEND. THE TRENCH DETAIL SHOWS THE PAVEMENT REPAIR LIMITS. ANY PAVEMENT REPAIR BEYOND THIS WILL BE AT THE COST OF THE CONTRACTOR.

TRENCH DETAIL

NTS

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CONSTRUCTION DOCUMENTS 12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

SHEET TITLE:
GENERAL DETAILS

SHEET NUMBER:
C0.2

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SANITARY SEWER MANHOLE NOTES

A. EACH SANITARY SEWER MANHOLE SHALL BE CONSTRUCTED PER ODOT'S NO. 3 MANHOLE STANDARD CONSTRUCTION DRAWINGS WITH THE FOLLOWING MODIFICATIONS:

B. SANITARY MANHOLE FRAME SHALL BE EQUAL TO NEENAH R-1642 OR EJIW 1040Z. ALL MANHOLE FRAMES AND LIDS SHALL BE WATERTIGHT MANHOLES (WITH GASKET). A RUBBER SEAL OR MASTIC SEAL BETWEEN THE MANHOLE FRAME AND TOP SECTION OF ADJUSTING RINGS IS REQUIRED. BOLT DOWN LIDS (IF REQUIRED BY THE MUNICIPALITY AND CALLED OUT IN THE PLANS) SHALL BE NEENAH R1916-F. MANHOLE LID/COVER SHALL BE EQUAL TO NEENAH R-1642, TYPE B, SOLID LID OR EAST JORDAN IRON WORKS 1040A, SOLID LID. THE LID/COVER SHALL HAVE "SANITARY SEWER" STAMPED ON IT.

C. PRECAST ADJUSTMENT RINGS SHALL BE 2" MIN. AND 6" MAX. NO MORE THAN TWO ADJUSTMENT RINGS OR A HEIGHT GREATER THAN 12" WILL BE ALLOWED. ADJUSTMENT RINGS TO BE GROUTED OR IF OUT OF PAVEMENT, USE CONSEAL CS-102 SEALANT OR EQUIVALENT.

D. TOP AND TRANSITION (OR REDUCER) SECTIONS SHALL BE AN ECCENTRIC CONE WITH THE OPTION OF USING A FLAT TOP, IF SITE CONDITIONS REQUIRE IT. IF A FLAT TOP IS USED THE CONTRACTOR SHALL PROVIDE ADEQUATE COVER (BY USING ADJUSTING RINGS) OVER THE FLAT TOP.

E. ALL PIPES INTRUDING INTO THE MANHOLE SHALL BE AS MINIMAL AS POSSIBLE AND PUSHED IN FOR ENOUGH TO MEET THE BOTTOM CONCRETE CHANNEL.

F. CONNECTIONS BETWEEN SANITARY SEWER AND PRECAST MANHOLE SECTIONS SHALL BE THROUGH A FLEXIBLE, WATER-TIGHT JOINT PER ASTM 923-79 (DURA-SEAL, A-LOK OR EQUAL).

G. JOINTS BETWEEN PRECAST MANHOLE SECTIONS SHALL BE SEALED WITH AN O-RING GASKET MEETING ASTM C-443. JOINTS TO BE KEPT TO A MINIMUM. EVERY EXTERIOR MANHOLE JOINT SHALL BE WRAPPED WITH AN EXTERIOR JOINT WRAP FOR PRECAST CONCRETE JOINTS. THE WRAP SHALL BE A MINIMUM 8"" WIDE AND SHALL MEET ASTM C-877 (CONCRETE SEALANTS CONSEAL CS-212, CRETEX EXTERNAL JOINT WRAP, PRESS-SEAL CORP. EXTERIOR JOINT WRAP, OR EQUAL).

H. DUE TO PIPE ORIENTATION, LARGER DIAMETER PRECAST MANHOLE BASE SECTIONS MAY BE REQUIRED. CONTRACTOR AND PRECAST SUPPLIER TO VERIFY MANHOLE DIAMETER AND PROVIDE A SHOP DRAWING FOR APPROVAL PRIOR TO ORDER MATERIALS.

I. MAXIMUM SANITARY MANHOLE SPACING SHALL BE 400'. NO LATERALS SHALL PROTRUDE INTO THE INTERIOR MANHOLE.

J. MATERIALS FOR BASES, RISERS, ECCENTRIC CONES AND FLAT TOP SECTIONS, INCLUDING REINFORCEMENTS, SHALL COMPLY WITH ASTM C-478.

K. THE PRECAST CONCRETE SHALL RECEIVE A CRYSTALLINE WATERPROOFING ADMIXTURE TO PERMANENTLY SEAL THE CONCRETE AND PREVENT GROUNDWATER INFILTRATION AND SEWAGE EXFILTRATION. PENETRATION. THE ADMIXTURE SHALL BE ADMIX SB BY PENETRON, CRYSTAL-X ADMIX BY CONSHIELD, CONBLOCK CDA BY CONSEAL, ADMIX C-500 BY XYPEX, MASTERLIFE 300D BY MASTER BUILDERS SOLUTIONS OR APPROVED EQUAL. THE COST OF THE ADMIX SHALL BE INCLUDED IN THE COST OF THE MANHOLE.

L. THE PRECAST CONCRETE SHALL RECEIVE ANTIMICROBIAL PROTECTION TO PREVENT MICROBIOLOGICALLY-INDUCED CORROSION (MIC). THE PROTECTION SHALL BE IN FORM OF AN ADDITIVE OR A LINING. THE ADDITIVE SHALL BE CONMICSHIELD BY WATERLINE RENEWAL TECHNOLOGIES, CONBLOCKMIC BY CONSEAL, BIO-SAN C500 BY XYPEX OR BIOMIC SOLUTIONS AEM5772 BY PENETRON. THE LINING SHALL BE ARMOR 1000 BY OBIC, LLC, SHERWIN-WILLIAMS DURA-PLATE 6000, OR APPROVED EQUAL THAT HAVE BEEN TESTED BY AND PASSED ASTM G210 SEVERE WASTEWATER ANALYSIS TESTING (SWAT)

M. MANHOLE SHALL HAVE CAST-IN-PLACE POLYPROPYLENE STEPS MODEL ML-10-NRC MANUFACTURED BY AMERICAN STEP COMPANY, INC. OR EQUAL.

N. LOCATE THE CENTERLINE OF THE MANHOLE FRAME/LID OVER THE CENTERLINE OF THE SEWER MAIN WHENEVER POSSIBLE.

O. CONSEAL CS-102 FLEXIBLE BUTYL RESIN SEALANT OR EQUIVALENT SHALL BE ⅜"x 1" MINIMUM STRIPS UNDER GRADE RINGS AND CASTING.

P. CONCRETE PLACED INSIDE THE MANHOLE SHALL NOT BE PLACED BETWEEN THE PIPE AND THE OPENING SO AS TO INTERFERE IN ANY WAY WITH THE FLEXIBILITY OF THE JOINT.

Q. RESILIENT CONNECTORS SHALL MEET SPECIFICATIONS FOR RESILIENT CONNECTORS BETWEEN REINFORCED CONCRETE MANHOLE STRUCTURES, PIPES AND LATERALS, PER ASTM C-923.

SANITARY MANHOLE VACUUM TESTING NOTES

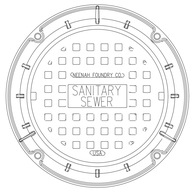
ALL MANHOLES SHALL BE VACUUM TESTED USING THE FOLLOWING PROCEDURES PER ASTM C-1244.

K. PREPARATION OF THE MANHOLE
1. ALL LIFT HOLES SHALL BE PLUGGED.
2. ALL PIPES ENTERING THE MANHOLE SHALL BE TEMPORARILY PLUGGED, TAKING CARE TO SECURELY BRACE THE PIPES AND PLUGS TO PREVENT THEM FROM BEING DRAWN INTO THE MANHOLE.

L. PROCEDURE
1. THE TEST HEAD SHALL BE PLACED AT THE TOP OF THE MANHOLE IN THE CASTING IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2. A VACUUM OF 10 IN. OF MERCURY (4.9 PSI) SHALL BE DRAWN ON THE MANHOLE. ONCE AT VACUUM PRESSURE THE VALVE ON THE VACUUM LINE OF THE TEST HEAD CLOSED, AND THE VACUUM PUMP SHUT OFF. THE TIME SHALL BE MEASURED FOR THE VACUUM TO DROP TO 9 IN. OF MERCURY (4.4 PSI).
3. THE MANHOLE SHALL PASS IF THE TIME FOR THE VACUUM READING TO DROP FROM 10 IN. OF MERCURY (4.9 PSI) TO 9 IN. OF MERCURY (4.4 PSI) MEETS OR EXCEEDS THE VALUES INDICATED ON THE BELOW TABLE.
4. IF THE MANHOLE FAILS THE INITIAL TEST, NECESSARY REPAIRS SHALL BE MADE BY AN APPROVED METHOD. THE MANHOLE SHALL THEN BE RETESTED UNTIL A SATISFACTORY TEST IS OBTAINED.

	DIAMETER (INCHES)		
	48	6	72
DEPTH (FEET)	TIME (SECONDS)		
8 OR <	20	26	33
10	25	33	41
12	30	39	49
14	35	46	57
16	40	52	67
18	45	59	73
20	50	65	81
22	55	72	89
24	59	78	97
26	64	85	105
28	69	91	113
30	74	98	121

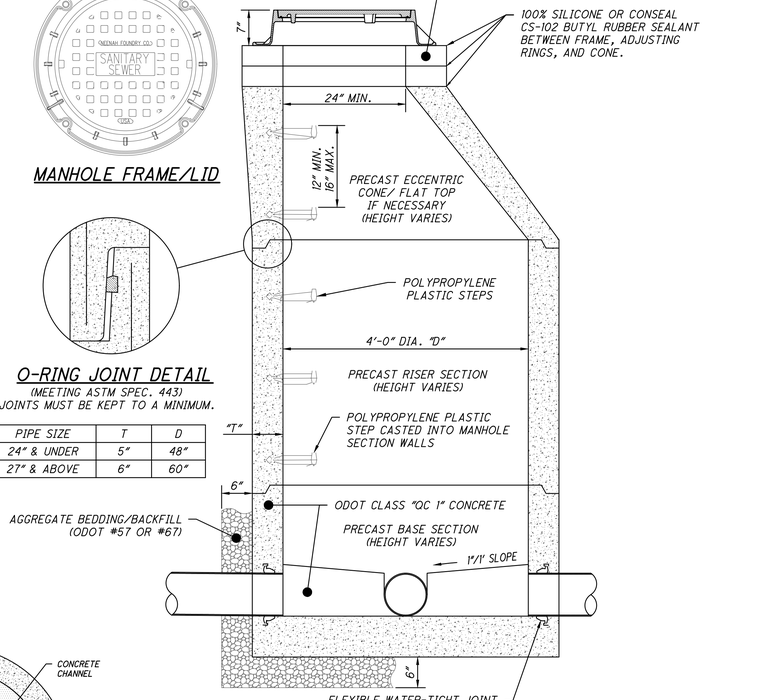
MINIMUM TEST TIMES FOR VARIOUS MANHOLE DIAMETERS



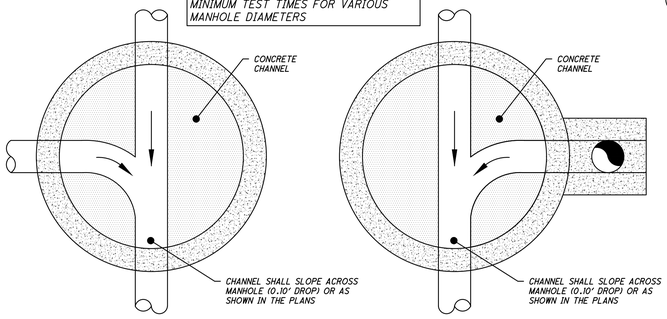
MANHOLE FRAME/LID

O-RING JOINT DETAIL
(MEETING ASTM SPEC. 443)
JOINTS MUST BE KEPT TO A MINIMUM.

PIPE SIZE	T	D
24" & UNDER	5"	48"
27" & ABOVE	6"	60"

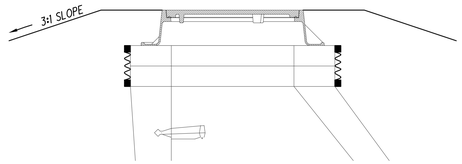


TYPE 3 SAN. SEWER MANHOLE

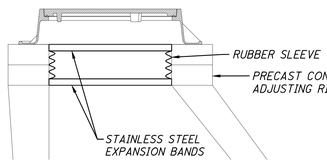


TYPE 3 MH STD. CHANNEL
ALL MANHOLES SHALL HAVE FULL HEIGHT CHANNELS FOR OPTIMUM FLOW

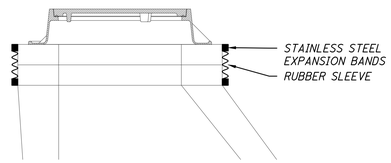
TYPE D MH STD. CHANNEL
ALL MANHOLES SHALL HAVE FULL HEIGHT CHANNELS FOR OPTIMUM FLOW



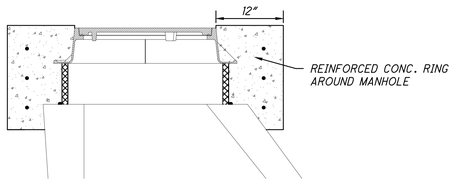
(TYP.) NON PAVEMENT AREA GRADING
(GRADING IS LOCATION DEPENDENT)
(TYP. GRADING TO REMOVE SURFACE WATER)



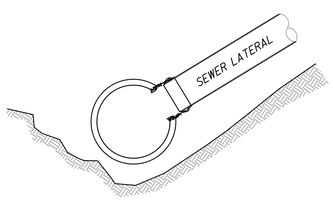
TRAFFIC AREA INTERNAL CHIMNEY SEAL
(MANHOLES IN GRAVEL, ASPHALT OR CONCRETE PAVEMENT)
(INCIDENTAL TO THE COST OF THE MANHOLE)



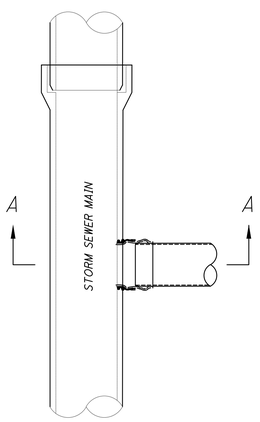
NON-TRAFFIC AREA EXTERNAL CHIMNEY SEAL
(REQUIRED IN GRAS AREAS)
(INCIDENTAL TO THE COST OF THE MANHOLE)



TRAFFIC AREA EXTERNAL CHIMNEY SEAL
(MANHOLES IN GRAVEL, ASPHALT OR CONCRETE PAVEMENT)
(INCIDENTAL TO THE COST OF THE MANHOLE)



SECTION A-A



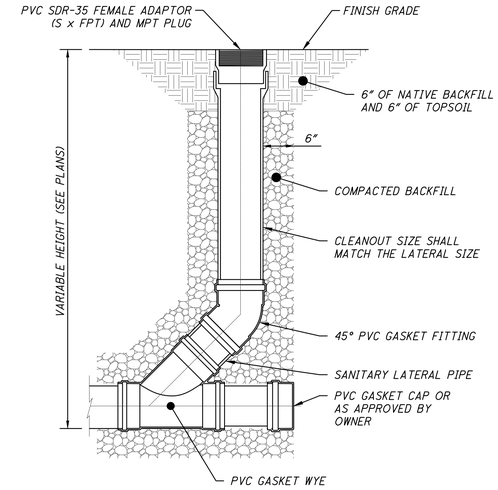
NOTES

A. THE INSERTA TEE GASKETED CONNECTION FITTING TYPE SHALL MATCH THE STORM SEWER MAIN MATERIAL AND BE MANUFACTURED BY INSERTA FITTINGS CO. OR EQUAL.

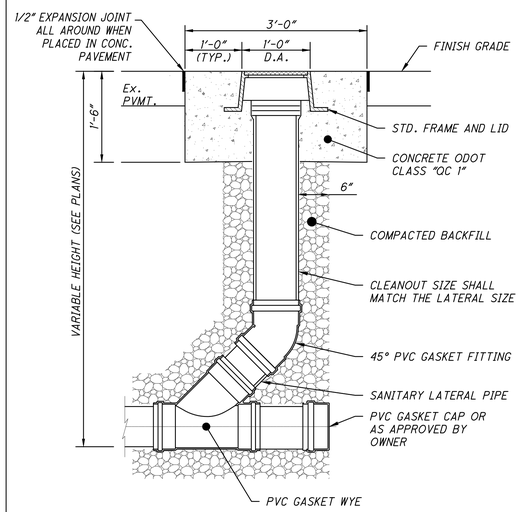
B. RECOMMEND CUTTING HOLE WITH A HOLE SAW FOR PVC PIPE AND A DIAMOND BIT FOR CONCRETE OR CLAY PIPE. THE HOLE SAW SIZE SHOULD FOLLOW THE MANUFACTURERS RECOMMENDATIONS. CONTRACTOR IS RESPONSIBLE TO FIX ANY LOOSE CONNECTIONS DUE TO IMPROPER HOLE SIZE.

C. INSERTA TEES SHALL BE USED WHEREVER POSSIBLE AND BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

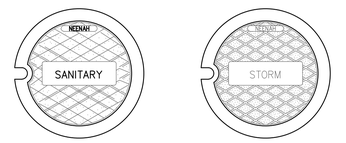
INSERTA TEE (LATERAL TO MAIN) CONNECTION
NTS



ONE-WAY CLEANOUT DETAIL
(NON-TRAFFIC AREAS)



ONE-WAY CLEANOUT DETAIL
(TRAFFIC AREAS)



CLEANOUT LID — CLEANOUT LID

NOTES

A. CLEANOUT REQUIRED AT THE R/W OR EASEMENT LINE UNLESS OTHERWISE SHOWN IN THE PLANS.

B. CLEANOUT MATERIALS SHALL BE SCH. 40 (GLUED JOINTS) OR SDR-35 PVC AND THE DIA. SHALL MATCH THE LATERAL PIPE DIA.

C. TRACER WIRE REQUIRED FOR EACH SANITARY SEWER LATERAL FROM THE MAIN TO THE CLEANOUT. TRACER WIRE SHALL BE EXTENDED UP THE CLEANOUT RISER TO A POINT JUST BELOW CLEANOUT CAP WHERE A 1/16" HOLE SHALL BE DRILLED THROUGH THE WALL OF THE PIPE.

D. CLEANOUT FRAME AND LID SHALL BE NEENAH R-1976, EJIW 1578ZPT FRAME/1578A LID, OR SIGMA VB2276. LID MARKED "SANITARY"

E. THE CLEANOUT AND ALL THE COMPONENTS SHOWN IN THE DETAILS SHALL BE INCLUDED IN THE COST OF ITEM 611 SANITARY SEWER LATERALS.

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CONSTRUCTION DOCUMENTS 12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

SHEET TITLE:
GENERAL DETAILS

SHEET NUMBER:
C0.3

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WATER MAIN NOTES

A. ALL WATER MAIN SHALL BE AWWA C-900 DR-18 WITH PUSH-ON JOINTS, UNLESS OTHERWISE SPECIFIED IN THE PLANS.

B. ALL FITTINGS OR SPECIALS SHALL CONFORM TO ALL REQUIREMENTS OF AWWA C-153. FITTINGS SHALL BE DUCTILE IRON, COMPACT AND HAVE MECHANICAL JOINTS, TYLER UNION OR APPROVED EQUAL. ALL DUCTILE IRON FITTINGS OR PIPE INSTALLED SHALL BE POLYWRAPPED.

C. MECHANICAL JOINT RESTRAINTS FOR C-900 PIPE SHALL BE EBAA IRON SERIES 2000PV, OR APPROVED EQUAL, CONFORMING TO ASTM A-536.

D. BELL RESTRAINTS FOR C-900 PIPE MAY BE INTERNAL RESTRAINT SYSTEM, J.M. EAGLE EAGLE LOK 900, DPC PIPE DIAMOND LOK-21, RIEBERLOK GASKETS, OR APPROVED EQUAL, OR SHALL BE EXTERNAL BELL RESTRAINTS, EBAA IRON SERIES 1900, OR APPROVED EQUAL.

E. TRACER WIRE IS REQUIRED OVER ALL WATER MAIN. SEE TRACER WIRE DETAIL.

F. ALL FITTINGS, AND VALVES SHALL BE POLYWRAPPED. POLYWRAP SHALL HAVE 8 MIL MINIMUM THICKNESS.

G. ALL GATE VALVES SHALL MEET OR EXCEED THE REQUIREMENTS OF AWWA C-515 (DUCTILE IRON BODY) AND SHALL BE RESILIENT WEDGE DESIGN, RATED FOR 250 PSI. ALL VALVES SHALL OPEN LEFT BY TURNING IN THE COUNTER-CLOCKWISE DIRECTION. MAINLINE GATE VALVES SHALL BE AMERICAN FLOW CONTROL SERIES 2500-1 RESILIENT WEDGE GATE VALVES, OR APPROVED EQUAL.

H. VALVE BOXES SHALL BE 5-1/4" DIAMETER, 3 PIECE, CAST IRON BOXES, TYLER UNION, BINGHAM & TAYLOR, OR APPROVED EQUAL. ALL VALVE BOXES IN PAVEMENT SHALL BE HEAVY DUTY.

HYDROSTATIC TEST

A. AFTER THE PIPE HAS BEEN LAID AND BACKFILLED, ALL NEWLY LAID PIPE OR VALVED SECTION SHALL BE SUBJECTED TO HYDROSTATIC PRESSURE AND LEAKAGE TEST. ALL WATER MAINS MUST BE HYDROSTATICALLY TESTED (AWWA C-605). THE TESTS MUST BE PERFORMED IN THE PRESENCE OF A REPRESENTATIVE OF THE OWNER.

THE MINIMUM LEAKAGE TEST PRESSURE FOR ALL WATER MAIN SHALL BE 150 PSI, OR 1.5 TIMES THE ANTICIPATED AVERAGE STATIC PRESSURE, WHICHEVER IS GREATER. THE MINIMUM TEST PRESSURE SHALL BE HELD FOR A MINIMUM OF TWO (2) HOURS FOR ALL WATER MAIN. HYDROSTATIC PRESSURE SHALL BE APPLIED BY MEANS OF A PUMP TAKING WATER FROM AN AUXILIARY SUPPLY. ALL PIPING MUST BE PROPERLY FILLED AND FLUSHED TO DISPEL ALL AIR BEFORE THE TEST IS MADE USING POTABLE WATER.

B. HYDROSTATIC TESTING MUST BE PERFORMED ON ALL NEW WATER MAIN, WITH THE EXCEPTION OF CONNECTION POINTS, AS APPROVED BY THE OWNER.

C. LEAKAGE IS DEFINED AS THE QUANTITY OF WATER TO BE SUPPLIED INTO THE NEWLY LAID PIPE, OR ANY VALVED SECTION THEREOF, NECESSARY TO MAINTAIN THE SPECIFIED LEAKAGE TEST PRESSURE AFTER THE PIPE HAS BEEN FILLED WITH WATER AND THE AIR EXPELLED.

D. NO PIPE INSTALLATION WILL BE ACCEPTED IF THE LEAKAGE EXCEEDS THE LEAKAGE DETERMINED BY THE CHART BELOW:

Where: L = length of pipe tested, in ft. $Q = \frac{L * D * \sqrt{P}}{148{,}000}$
D = pipe diameter, in inches
P = average test pressure
Q = allowable leakage per hour

During the hydrostatic test, a thorough examination of all piping, fittings, valves, hydrants, etc. shall be performed. Leaking joints shall be tightened and cracked or otherwise defective material shall be removed and replaced and the test shall be repeated until satisfactory results are obtained.

Below is a table which represents the allowable leakage in gallons per hour.

ALLOWABLE LEAKAGE PER 1000FT. OF PIPELINE (GALLONS PER HOUR)

AVG. TEST PRESSURE (PSI) BAR	NOMINAL PIPE DIAMETER- INCHES							
	3	4	6	8	10	12	14	16
450(31)	0.43	0.57	0.86	1.15	1.43	1.72	2.01	2.29
400(28)	0.41	0.54	0.81	1.08	1.35	1.62	1.89	2.16
350(24)	0.38	0.51	0.76	1.01	1.26	1.52	1.77	2.02
300(21)	0.35	0.47	0.70	0.94	1.17	1.40	1.64	1.87
275(19)	0.34	0.45	0.67	0.90	1.12	1.34	1.57	1.79
250(17)	0.32	0.43	0.64	0.85	1.07	1.28	1.50	1.71
225(16)	0.30	0.41	0.61	0.81	1.01	1.22	1.42	1.62
200(14)	0.29	0.38	0.57	0.76	0.96	1.15	1.34	1.53
175(12)	0.27	0.36	0.54	0.72	0.89	1.07	1.25	1.43
150(10)	0.25	0.33	0.50	0.66	0.83	0.99	1.16	1.32

A. DISINFECTION OR STERILIZATION OF NEW MAINS AND SERVICES, AS REQUIRED BY THE OEPA, SHALL BE COORDINATED THROUGH THE MUNICIPALITY'S WATER SUPERINTENDENT OR WATER SUPERINTENDENT'S REPRESENTATIVE. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REQUIRE STRICTER CHLORINE RESIDUAL REQUIREMENTS ON A CASE-BY-CASE BASIS.

B. MAINTAIN PIPES FREE OF DIRT AND FOREIGN MATTER DURING CONSTRUCTION BY DEWATERING TRENCH AND SEALING OPEN PIPE BARRELS. SWAB EACH LENGTH OF PIPE AS IT IS INSTALLED.

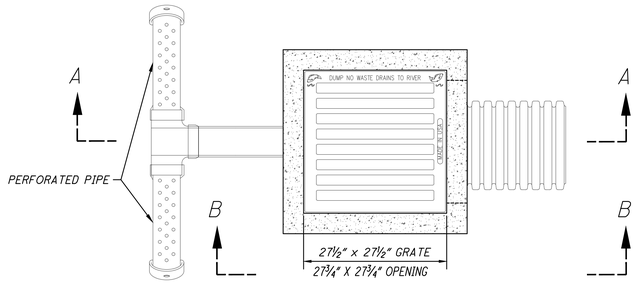
C. DISINFECTION TESTING SHALL BE PERFORMED PRIOR TO HYDROSTATIC TESTING. DISINFECTION SHALL BE COMPLETED IN ACCORDANCE WITH AWWA C-651. SAMPLE WATER AT EACH HYDRANT OR IF NO HYDRANT IS AVAILABLE, A SAMPLE TAP SHALL BE INSTALLED BY CONTRACTOR EVERY 1200 FT. ANALYZE SAMPLE USING ORTHOTOLIDINE REAGENT TO VERIFY FREE CHLORINE CONCENTRATION. MAINTAIN CONCENTRATION IN MAIN FOR 24 HOURS. SAMPLE HYDRANTS AT COMPLETION OF STERILIZATION VERIFYING MINIMUM CHLORINE RESIDUAL OF 20 MG PER LITER.

D. CONTRACTOR SHALL ACCOMMODATE FLUSHING AND SAMPLE LOCATIONS WITH THE OWNER.

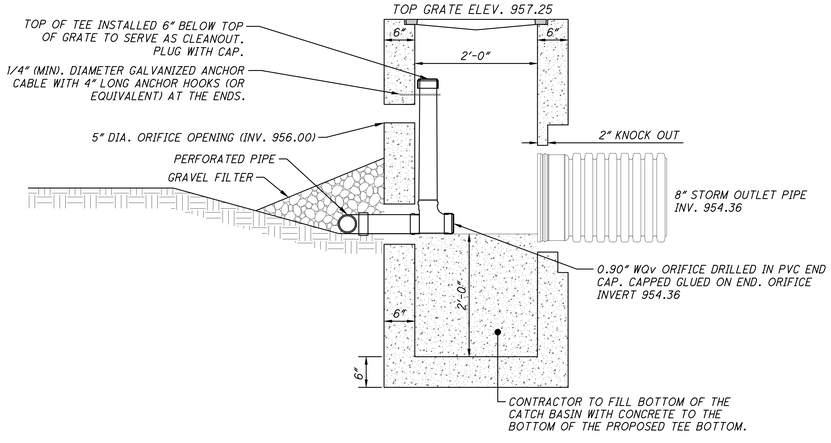
E. THE CONTRACTOR SHALL DISINFECT ALL WATER MAIN AND WATER SERVICE LINES IN ACCORDANCE WITH AWWA C-651, LATEST REVISION. THE DISINFECTION MAY BE PERFORMED BY USING EITHER THE CONTINUOUS FEED METHOD OR THE TABLET METHOD.

F. THE PROCEDURES FOR DISINFECTION SHALL BE IN ACCORDANCE WITH AWWA C-651. THE OWNER SHALL APPROVE OF THE METHOD AND PROCEDURES USED.

G. PERFORM BACTERIOLOGICAL TESTING, PER AWWA C-651, FOLLOWING HYDROSTATIC TESTING. SAMPLE THE MAIN FROM HYDRANTS OR TEST TAP IN THE PROPOSED LINE. THE SAMPLE IS TO BE DELIVERED TO A STATE CERTIFIED LABORATORY. DELIVER COPIES OF THE LABORATORY REPORT TO THE OWNER IN THE EVENT OF DETECTION OF COLIFORM ORGANISM, REPEAT FLUSHINGS, STERILIZATION, AND SAMPLING OF MAINS UNTIL ACCEPTABLE TEST RESULTS ARE ACHIEVED ON TWO (2) CONSECUTIVE DAYS. THIS IS TO BE PERFORMED PRIOR TO TRANSFER OF SERVICES TO THE NEW MAIN.



PLAN VIEW



SECTION A-A

NOTES

A. GRATE SHALL BE NEENAH CATALOG NO. R-4871 (TYPE B GRATE) OR EQUIVALENT. CONTRACTOR SHALL FASTEN/BOLT DOWN GRATE TO STRUCTURE TO ENSURE GRATE IS SECURELY FASTENED IN PLACE.

B. PRECAST STRUCTURE CONSTRUCTION IS REQUIRED, UNLESS OTHERWISE APPROVED, AND CONCRETE SHALL MEET THE REQUIREMENTS OF 706.13. CAST-IN-PLACE CONCRETE IN THE FIELD WILL BE ALLOWED FOR SUMP ELIMINATION/ANTI-FLOATATION.

C. DO NOT WRAP THE PERFORATED PIPE WITH FILTER FABRIC, AS THIS INCREASES THE RISK OF CLOGGING.

2-2B CATCH BASIN (DETENTION BASIN) OUTLET STRUCTURE #4 WITH PERFORATED PIPE INTAKE

NTS

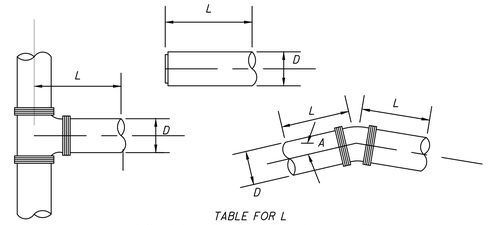
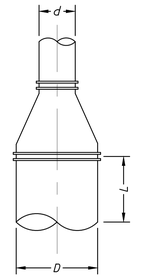


TABLE FOR L
REQUIRED LENGTH OF RESTRAINED JOINTS
D-DIAMETER OF PIPE

A + DEGREE OF BEND/FITTING TYPE	4"	6"	8"	10"	12"	16"	20"	24"
11 1/4°	4	5	6	7	9	11	13	15
22 1/2°	7	9	12	14	17	22	26	31
45°	13	19	24	29	34	44	54	63
90°	28	40	52	63	74	96	116	136
TEE/END	28	40	52	63	74	96	116	136
VALVE	28	40	52	63	74	96	116	136

*THE FITTING OR VALVE MUST BE RESTRAINED, AT MINIMUM, IN ALL CASES.

DIAMETER OF LARGER PIPE ("D")	REQUIRED LENGTH OF RESTRAINED JOINTS FOR REDUCERS("L") — DIAMETER OF SMALLER PIPE ("d")							
	4"	6"	8"	10"	12"	16"	20"	24"
6"	21'							
8"	38'	22'						
10"	51'	39'	21'					
12"	64'	54'	39'	22'				
16"	88'	81'	70'	57'	41'			
20"	111'	105'	96'	86'	73'	41'		
24"	132'	127'	120'	111'	101'	75'	41'	



RESTRAINED JOINT REQUIREMENTS CALCULATED BASED ON THE FOLLOWING PARAMETERS:
-SOIL TYPE: GRANULAR BACKFILL/BEDDING
-SAFETY FACTOR: 1.5
-TRENCH TYPE: 4
-DEPTH OF BURY: 4'-6"
-TEST PRESSURE: 150 PSI

*ALL RESTRAINT CALCULATIONS FOR BENDS ARE BASED ON VERTICAL BENDS DOWNWARD.

REQUIRED LENGTH OF RESTRAINED JOINTS FOR WATER MAINS

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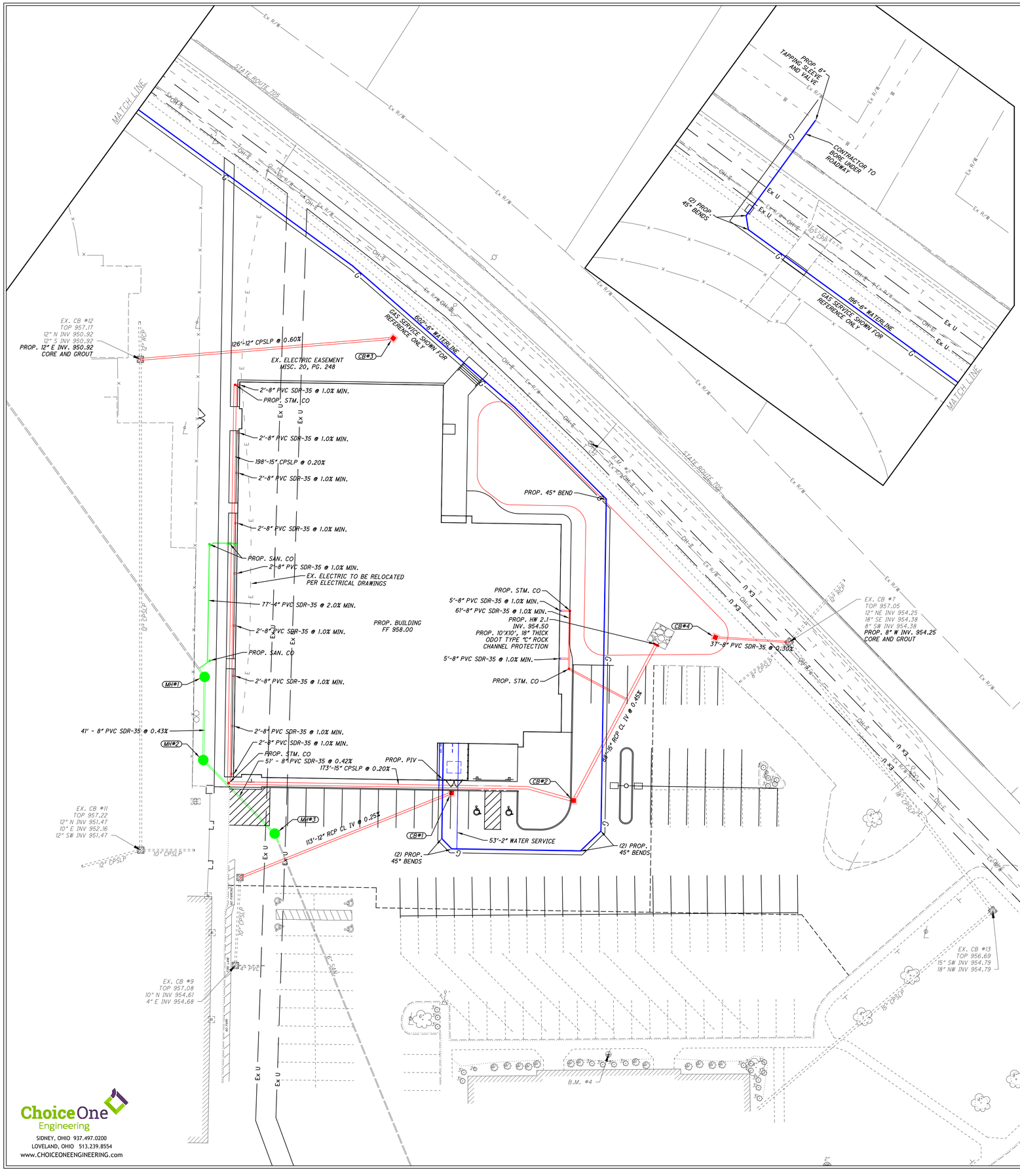
ISSUANCES/REVISIONS
CONSTRUCTION DOCUMENTS 12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

SHEET TITLE:
GENERAL DETAILS

SHEET NUMBER:
C0.4

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NOTES:

CONTRACTOR TO VERIFY EXACT LOCATION, DEPTH AND SIZE OF UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER OF ANY CONFLICTS PRIOR TO THE INSTALLATION OF UTILITIES.

ALL UTILITIES TO BE INSTALLED PER CITY OF XXXX STANDARDS.

CONTRACTOR TO VERIFY AND LOCATE WHERE STORM, SANITARY, AND WATER LATERALS AND ALL OTHER PROPOSED UTILITY SERVICES TIE INTO THE PROPOSED BUILDING PER BUILDING PLANS. CONTRACTOR SHALL ALSO VERIFY THE SIZES AND TYPES OF ALL LATERALS AND HOW THEY MAY TIE INTO THE PROPOSED BUILDINGS.

CONTRACTOR TO FOLLOW ALL PERMIT REQUIREMENTS AND SPECIFICATIONS TO INSTALL THE PROPOSED UTILITIES INCLUDING COORDINATING THE INSTALLATION WITH LOCAL OFFICIALS AS NEEDED AND/OR REQUIRED.

CONTRACTOR TO COORDINATE ALL WORK WITH THE OWNER AS NEEDED/REQUIRED.

BUILDING DOWNSPOUT/ROOF DRAIN PIPING NOTE:

THE CONTRACTOR SHALL CONNECT ALL DOWNSPOUTS AND ROOF DRAINS AS SHOWN ON THE SITE PLAN OR TO THE CLOSEST STORM PIPING OR CATCH BASINS USING CPSLP OR PVC SDR-35 SEWER OR APPROVED EQUAL. SEE PROPOSED BUILDING PLANS FOR LOCATION OF DOWNSPOUTS AND/OR ROOF DRAINS.

EXISTING UTILITY NOTES:

CONTRACTOR SHALL DETERMINE THE TYPE OF SERVICE FOR ALL EXISTING UNDERGROUND LINES THAT ARE ENCOUNTERED DURING CONSTRUCTION AND SHALL ENSURE THE FOLLOWING:

1. THAT ALL EXISTING STORM LINES OR ANY OTHER EXISTING CLEAN WATER DRAINAGE LINES THAT ARE DISCOVERED AND/OR ENCOUNTERED DURING CONSTRUCTION AND ARE OR NEED TO REMAIN IN SERVICE ARE ROUTED AS NEEDED TO ENSURE THAT THEY ARE CONNECTED INTO THE PROPOSED OR EXISTING STORM SEWER.

2. THAT ALL EXISTING SANITARY LINES THAT ARE DISCOVERED AND/OR ENCOUNTERED DURING CONSTRUCTION AND ARE TO REMAIN IN SERVICE ARE ROUTED AS NEEDED TO ENSURE THAT THEY ARE CONNECTED INTO ACTIVE EXISTING SANITARY SEWER LINES/STRUCTURES OR INTO PROPOSED SANITARY SEWER LINES/STRUCTURES.

3. THAT ALL EXISTING WATER LINES THAT ARE DISCOVERED AND/OR ENCOUNTERED DURING CONSTRUCTION AND ARE TO REMAIN IN SERVICE ARE ROUTED AS NEEDED TO ENSURE THAT THEY ARE CONNECTED INTO ACTIVE EXISTING WATER LINES OR INTO PROPOSED WATER LINES.

ALL WORK TO BE PER AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND TO BE WITNESSED BY THE OWNER'S REP. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

LOCATE EXISTING UTILITIES NOTE:

THIS ITEM OF WORK MAY BE PERFORMED ON AS NEEDED BASIS AND SHALL CONSIST OF THE CONTRACTOR FIELD LOCATING THE VARIOUS EXISTING UTILITY LINES LOCATION, SIZE, AND DEPTH PRIOR TO PERFORMING ANY PROPOSED WORK OR ONCE WORK HAS BEGUN. THIS WORK MAY ALSO REQUIRE THE CONTRACTOR TO INSPECT THE LINES BY OTHER METHODS SUCH AS DYE TESTING OR CAMERA/VIDEO TO FIND THE ORIGIN AND LOCATION OF THE LINE. THE CONTRACTOR SHALL COOPERATE AND COORDINATE WITH THE OWNER AS NEEDED TO ENSURE EXISTING FACILITY OPERATIONS ARE MAINTAINED.

ALL WORK TO BE PER AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND TO BE WITNESSED BY THE OWNER'S REPRESENTATIVE. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

UNKNOWN EXISTING UNDERGROUND UTILITIES:

CONTRACTOR TO BE AWARE THERE MAY BE OTHER UNKNOWN SERVICES OR UNKNOWN UNDERGROUND UTILITIES OR ITEMS WHICH MAY BE LOCATED WITHIN THE SITE AND MAY REQUIRE REMOVAL OR REROUTING IN ORDER TO PERFORM THE PROPOSED PROJECT. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY OF ANY UNKNOWN UNDERGROUND UTILITIES OR OTHER ITEMS WHICH ARE ENCOUNTERED AND WORK WITH THE OWNER TO DECIDE HOW THESE ITEMS SHOULD BE HANDLED.

GAS, ELECTRIC, COMMUNICATION CONFLICT NOTE:

CONTRACTOR TO LOWER/DIP THESE UTILITIES AS NEEDED TO AVOID CONFLICTS WITH ANY PROPOSED OR EXISTING SANITARY OR STORM OR WATER LINES THEY MAY CONFLICT WITH. IF THESE UTILITY LINES CONFLICT WITH ANY PROPOSED OR EXISTING WATERLINES THEN CONTRACTOR TO DETERMINE WHETHER TO LOWER/DIP THE WATERLINE OR LOWER/DIP THE GAS/ELECTRIC/COMMUNICATION LINE(S). CONTRACTOR MAY NEED TO CONSULT WITH AND OBTAIN OWNER'S APPROVAL AS TO WHICH UTILITY WILL BE LOWERED PRIOR TO PERFORMING THIS WORK. COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

ELECTRICAL/MECHANICAL NOTE:

CONTRACTOR SHALL REFER TO THE ELECTRICAL/MECHANICAL DRAWINGS FOR DEMOLITION AND/OR INSTALLATION INFO. OF ALL EXISTING AND PROPOSED ELECTRICAL/MECHANICAL ITEMS FOR THE SITE AND/OR HOW THESE ITEMS ARE TO BE HANDLED AND ADDRESSED.

WATER MAIN CROSSING SEPARATION NOTE:

WHENEVER A SANITARY OR STORM SEWER AND WATER LINE MUST CROSS, THE SEWER AND WATER SHALL BE LAID AT SUCH AN ELEVATION THAT THERE IS AT LEAST 18" OF SEPARATION BETWEEN THE OUTSIDE WALLS OF THE TWO PIPES. IF REQUIRED, CONTRACTOR SHALL LOWER/DIP THE WATER MAIN AS NEEDED TO OBTAIN THE 18" MINIMUM SEPARATION DISTANCE. IF IT IS ABSOLUTELY IMPOSSIBLE TO MAINTAIN THE 18" VERTICAL SEPARATION, THE SANITARY SEWER SHALL BE CONSTRUCTED OF WATER LINE TYPE MATERIALS WHICH WOULD BE ABLE TO WITHSTAND A 100 PSI PRESSURE TEST (NOTE: DO NOT PRESSURE TEST SANITARY SEWER TO 100 PSI). THESE REQUIREMENTS WILL EXTEND FOR THE DISTANCE OF THE ENTIRE SPAN. NO CHANGE OF MATERIALS ARE ALLOWED MID-SPAN.

AT CROSSINGS, THE WATER MAIN SHALL HAVE A MINIMUM VERTICAL DISTANCE OF 18" FROM STORM AND SANITARY SEWERS. ALSO ONE FULL LENGTH OF WATER MAIN SHALL BE LOCATED SO THE JOINTS ARE AS FAR FROM THE STORM AND SANITARY SEWERS AS POSSIBLE.

PROPOSED STORM STRUCTURES	PROPOSED SANITARY STRUCTURES
#1 TYPE 2-2C CB TOP 956.70 12" W INV. 954.03	#1 TYPE 3 SAN MH TOP. 957.65 8" S INV. 952.46 8" NW INV. 952.41
#2 TYPE 2-2C CB TOP 957.07 15" NE INV. 954.89 15" W INV. 954.76	#2 TYPE 3 SAN MH TOP. 957.63 8" SE INV. 952.69 8" N INV. 952.64
#3 TYPE 2-2B CB TOP 957.21 12" W INV. 951.68	#3 TYPE 3 SAN MH TOP. 957.56 8" NW INV. 952.90 6" S INV. 952.95
#4 TYPE 2-2B CB TOP 957.00 8" E INV. 954.36	

BENCHMARKS
BENCHMARK #1 ELEV. 956.73 MAG NAIL IN POWER POLE ACROSS FROM 521 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705
BENCHMARK #2 ELEV. 959.51 MAG NAIL IN POWER POLE ACROSS FROM 526 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705
BENCHMARK #3 ELEV. 961.39 CUT BOX WITH X ON LIGHT POLE BASE AT THE NORTHEAST CORNER OF THE EAST SCHOOL PARKING LOT
BENCHMARK #4 ELEV. 964.38 CUT BOX WITH X ON LIGHT POLE BASE BETWEEN THE MAIN DOORS ON THE NORTH SIDE OF THE HIGH SCHOOL

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FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

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CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

SHEET TITLE:

UTILITY PLAN

SHEET NUMBER:

C1.1

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LEGEND

—830— EXISTING CONTOURS
PROPOSED CONTOURS
PROPOSED STORM SEWER
PROPOSED EDGE PAVEMENT

PROJECT EARTH DISTURBED AREA = 1.50 ACRES

SCALE IN FEET
0 10 20 40

NOTES:

CONTRACTOR TO VERIFY EXACT LOCATION, DEPTH AND SIZE OF UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER OF ANY CONFLICTS PRIOR TO THE INSTALLATION OF UTILITIES.

CONTRACTOR TO TIE INTO EXISTING PAVEMENT ELEVATIONS AS REQUIRED WHEREVER NEW PAVEMENT ABUTS UP TO EXISTING PAVEMENT TO ENSURE A SMOOTH TRANSITION. ALL EX. PAVEMENT ELEVATIONS GIVEN ARE APPROXIMATED AND SHALL BE FIELD VERIFIED. CONTRACTOR SHALL ALSO ENSURE THAT A SMOOTH TRANSITION IS PROVIDED WHEREVER PROPOSED GRADES MEET EXISTING GRADES THROUGHOUT THE SITE.

ALL DISTURBED LAWN AREAS SHALL BE GRADED TO DRAIN TO THE NEAREST INLET STRUCTURE.

CONTRACTOR TO ENSURE ALL AREAS OF THE SITE HAVE POSITIVE DRAINAGE. NO PONDING OR PUDDLING OF WATER IS PERMITTED.

GRADE TIE IN NOTE:

CONTRACTOR TO TIE INTO EXISTING ELEVATIONS THROUGHOUT THE SITE. CONTRACTOR SHALL ENSURE PROPER GRADING AND DRAINAGE IS PROVIDED FOR ALL AREAS WITHIN THE SITE TO DRAIN TO EXISTING OR PROPOSED STORM SYSTEMS OR SWALES. CONTRACTOR SHALL ENSURE THAT DRAINAGE IS PROPERLY DIRECTED AWAY FROM ANY BUILDINGS/STRUCTURES. THIS SHALL INCLUDE ALL TEMPORARY GRADING AS NEEDED INCLUDING INSTALLING TEMPORARY DRAINAGE SWALES AND INSTALLING ALL TEMPORARY STORM SEWER CATCH BASINS, INLETS, PIPING, ETC. AS NEEDED TO ENSURE PROPER DRAINAGE OF THE SITE THROUGHOUT THE COURSE OF CONSTRUCTION. ALL WORK TO BE COORDINATED WITH AND AS DIRECTED BY OWNER.

BENCHMARK #1 ELEV. 956.73 MAG NAIL IN POWER POLE ACROSS FROM 521 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705
BENCHMARK #2 ELEV. 959.51 MAG NAIL IN POWER POLE ACROSS FROM 526 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705
BENCHMARK #3 ELEV. 961.39 CUT BOX WITH X ON LIGHT POLE BASE AT THE NORTHEAST CORNER OF THE EAST SCHOOL PARKING LOT
BENCHMARK #4 ELEV. 964.38 CUT BOX WITH X ON LIGHT POLE BASE BETWEEN THE MAIN DOORS ON THE NORTH SIDE OF THE HIGH SCHOOL

EX. CB #12
TOP 957.17
12" N INV 950.92
12" S INV 950.92

EX. ELECTRIC EASEMENT
MISC. 20, PG. 248

PROP. BUILDING
FF 958.00

EX. CB #11
TOP 957.22
12" N INV 951.47
10" E INV 952.16
12" SW INV 951.47

EX. CB #9
TOP 957.08
10" N INV 954.61
4" E INV 954.68

EX. CB #7
TOP 957.05
12" NE INV 954.25
18" SE INV 954.38
8" SW INV 954.38

EX. CB #13
TOP 956.69
15" SW INV 954.79
18" NW INV 954.79

EX. CB #30
TOP 959.30
15" S INV 953.75
15" NW INV 953.75

EX. CB #17
TOP 958.92
15" N INV 954.37
15" S INV 954.37

B.M. #4

STATE ROUTE 705

ASPHALT PVMT.

CONC. PVMT.

BRICK COLUMN

GATE

Ex U

Ex S/W

Ex R/W

OH-E

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SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
C2.1

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LEGEND

EP = EXISTING PAVEMENT ELEVATION
EW = EXISTING SIDEWALK ELEVATION
P = PROPOSED PAVEMENT ELEVATION
B = PROPOSED TOP OF CURB ELEVATION
W = PROPOSED SIDEWALK ELEVATION
G = PROPOSED GROUND ELEVATION
TOP = PROPOSED TOP OF GRATE ELEVATION
B-XXX.XX* = ASTERISK INDICATES PROPOSED TOP OF CURB SPOT GRADE ELEVATION WITH CURB EXPOSURE THAT VARIES FROM THE STANDARD 0.50' (6") CURB

NOTE THAT IN ORDER TO FACILITATE PROPER ADA ACCESS THERE MAY BE AREAS WHERE IT IS INTENDED FOR THERE TO BE NO CURB EXPOSURE (PAVEMENT AND TOP OF CURB TO BE FLUSH). SEE SPOT ELEVATIONS ON THIS SHEET TO DETERMINE WHERE THESE AREAS ARE.

SCALE IN FEET
0 10 20 40

ADA RAMPS NOTE:

CONTRACTOR TO SEE ARCHITECTURAL SHEETS FOR ADA RAMP LOCATIONS AND DETAILS. CONTRACTOR SHALL INSTALL ALL ADA RAMPS PER ALL ADA REGULATIONS. CONTRACTOR SHALL VERIFY THE FOLLOWING WITH THE CONSTRUCTION MANAGER AND/OR ARCHITECT AND/OR OWNER:

1. THE EXACT LOCATION, CONFIGURATION AND TYPE OF ALL PROPOSED ADA RAMPS.
2. ALL AREAS WITHIN THE PROPOSED ADA RAMPS WHERE THE CURBING IS TO BE FLUSH WITH PAVEMENT OR WALK TO PROVIDE PROPER ADA ACCESS.
3. THE AREAS WITHIN THE PROPOSED ADA CURB RAMPS WHERE FLARES AND RAMPS ARE TO BE INSTALLED WITH ADA COMPLIANT SLOPES TO PROVIDE PROPER ADA ACCESS.

NOTE:

CONTRACTOR TO TIE INTO EXISTING PAVEMENT ELEVATIONS AS REQUIRED WHEREVER NEW PAVEMENT ABUTS UP TO EXISTING PAVEMENT TO ENSURE A SMOOTH TRANSITION. ALL EX. PAVEMENT ELEVATIONS GIVEN ARE APPROXIMATED AND SHALL BE FIELD VERIFIED. CONTRACTOR SHALL ALSO ENSURE THAT A SMOOTH TRANSITION IS PROVIDED WHEREVER PROPOSED GRADES MEET EXISTING GRADES THROUGHOUT THE SITE.

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EX. CB #12
TOP 957.17
12" N INV 950.92
12" S INV 950.92

EX. ELECTRIC EASEMENT
MISC. 20, PG. 248

PROP. BUILDING
FF 958.00

PROP. DETENTION
TOP 957.50
BOTTOM 954.36

EX. CB #11
TOP 957.22
12" N INV 951.47
10" E INV 952.16
12" SW INV 951.47

EX. CB #9
TOP 957.08
10" N INV 954.61
4" E INV 954.68

EX. CB #7
TOP 957.05
12" NE INV 954.25
18" SE INV 954.38
8" SW INV 954.38

EX. CB #13
TOP 956.69
15" SW INV 954.79
18" NW INV 954.79

EX. CB #30
TOP 959.30
15" S INV 953.75
15" NW INV 953.75

EX. CB #17
TOP 958.92
15" N INV 954.37
15" S INV 954.37

B.M. #1
B.M. #2
B.M. #3
B.M. #4

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NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	XXX

SHEET TITLE:

PAVEMENT ELEVATIONS PLAN

SHEET NUMBER:

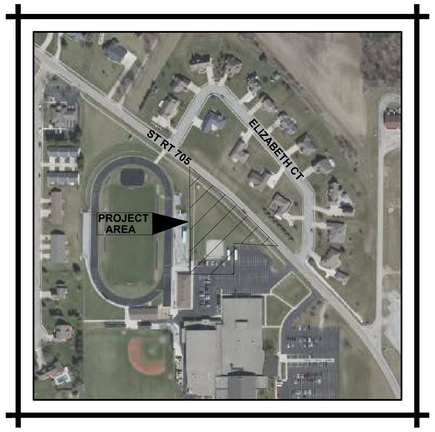
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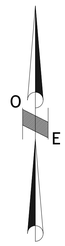
FORT LORAMIE ATHLETIC COMPLEX BUILDING- SWPPP

VILLAGE OF FORT LORAMIE

SHELBY COUNTY, OHIO



VICINITY MAP



SWPPP TITLE SHEET C3.1
SWPPP GENERAL EROSION CONTROL NOTES AND DETAILS C3.2-C3.4
SWPPP SITE EROSION CONTROL PLAN C3.5

SWPPP NOTE
THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED FOR FORT LORAMIE LOCAL SCHOOLS FOR THE PERFORMANCE OF THE FORT LORAMIE ATHLETIC COMPLEX BUILDING IN SHELBY COUNTY, OHIO. ALL WORK SHALL BE PER AND COMPLY WITH THE OEPA CONSTRUCTION SITE STORM WATER GENERAL PERMIT, PERMIT #OHC000006. THIS INCLUDES FILING A CO-PERMITTEE NOI FORM WITH THE OEPA FOR ALL OPERATORS ENGAGED IN SITE WORK ON THE SITE. CONTRACTOR SHALL FOLLOW THE SPECIFICATIONS, INSTALLATION, MAINTENANCE AND REQUIREMENTS OF ODOT'S CURRENT SUPPLEMENTAL SPECIFICATION 832 "TEMPORARY SEDIMENT AND EROSION CONTROL." COMPLIANCE WITH SUPPLEMENTAL SPECIFICATION 832 SHALL INCLUDE THE STANDARD CONSTRUCTION DRAWING REFERENCES LISTED IN SECTION 832.03, BUT SHALL NOT INCLUDE SECTION 832.11 "INSPECTIONS AND SWPPP UPDATES." ALL INSPECTIONS AND SWPPP UPDATES SHALL BE PER THE OEPA CONSTRUCTION SITE STORM WATER GENERAL PERMIT, PERMIT #OHC000006. ALL WORK SHALL ALSO BE PER THE CURRENT ODOT CMS 107.19. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH LOCAL STORMWATER AND EROSION CONTROL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH AND INSTALLING ALL ITEMS NOTED AND AS REQUIRED BY OEPA AND LOCAL AUTHORITIES FOR MEETING ALL STORM WATER POLLUTION PREVENTION REQUIREMENTS. FORT LORAMIE LOCAL SCHOOLS AND THE SELECTED CONTRACTOR SHALL BE THE RESPONSIBLE PARTY IN CHARGE OF THE SWPPP AND ASSOCIATED BMP'S.

SITE DATA
LOCATION SOIL TYPES_____SILTY CLAY LOAM, SILT LOAM
EARTH DISTURBED AREA_____1.50 ACRES
PROPOSED IMPERVIOUS AREA ADDED:_____0.50 ACRES
PRE-CONSTRUCTION RUNOFF COEFFICIENT:___0.51
POST-CONSTRUCTION RUNOFF COEFFICIENT:__0.71
DESCRIPTION OF PRIOR LAND USE_____IMPERVIOUS AREA AND GRASS
EXISTING QUALITY OF DISCHARGE FROM SITE__UNTREATED PERVIOUS AND IMPERVIOUS RUNOFF
IMMEDIATE RECEIVING WATERS:_____ON-SITE DETENTION BASIN
SUBSEQUENT RECEIVING WATERS:_____VILLAGE STORM SEWER
LATITUDE 40.345695° LONGITUDE -84.362977°

WATERS EDGE NOTE
ALL MATERIAL AND EQUIPMENT STAGING OR STORAGE AREAS, DEWATERING AREAS, CONCRETE TRUCK WASH OUT AREAS, CONSTRUCTION ACCESS LOCATIONS, AND VEHICLE FUELING AND REFUELING LOCATIONS MUST BE LOCATED A MINIMUM OF 100' FROM ANY CREEK/RIVER/STREAM WATERS EDGE.

CLEAN STORM SYSTEM NOTE
IMMEDIATELY PRIOR TO FINAL COMPLETION OF THE PROJECT, CONTRACTOR SHALL ENSURE THE ENTIRE STORM SYSTEM, INCLUDING BUT NOT LIMITED TO, THE DETENTION/RETENTION BASIN(S), CATCH BASINS, MANHOLES, PIPING, UNDERDRAINS AND UNDERDRAIN TRENCHES ARE FREE FROM SEDIMENTATION AND OTHER POLLUTANTS AND FOREIGN MATERIALS AND ARE TO BE CLEANED AS NEEDED TO ENSURE MAXIMUM STORMWATER QUALITY AND FULL FUNCTIONALITY.

OFFSITE CONSTRUCTION ACTIVITIES
IT IS EXPECTED ALL CONSTRUCTION ACTIVITIES WILL TAKE PLACE ON SITE.

SPILL REPORTING REQUIREMENTS
IN THE EVENT OF A SMALL RELEASE (LESS THAN 25 GALLONS) OF PETROLEUM WASTE, SPECIAL HANDING PROCEDURES MUST BE USED. IN THE EVENT OF A LARGE RELEASE (25 GALLONS OR MORE) OF PETROLEUM WASTE, YOU MUST CONTACT THE OHIO EPA (AT 1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) WITHIN 30 MINUTES OF A SPILL OF 25 OR MORE GALLONS.

VEHICLE FUELING
VEHICLE FUELING AND MAINTENANCE WILL BE PERFORMED VIA A SMALL REFUEL TANK ON THE BACK OF A PICK-UP TRUCK.

OPEN BURNING NOTE
OPEN BURNING IS NOT PERMITTED IN THE CORPORATION LIMIT.

CONTACT INFORMATION
FACILITY SITE LOCATION: 600 E PARK STREET, FORT LORAMIE, OHIO 45845
OWNER: FORT LORAMIE LOCAL SCHOOLS, DAN HOLLAND, 937-295-3342, 600 E PARK STREET, FORT LORAMIE, OHIO 45845, DAN.HOLLAND@LORAMIE.K12.OH.US
SWPPP CONTACT/CONTRACTOR CONTACT - TBD

SWPPP AND INSPECTION REPORTS LOCATION
NOTE: THE SWPPP AND INSPECTION REPORTS WILL BE KEPT ON-SITE IN THE JOB TRAILER/FOREMAN'S PICK-UP.

WASTE DISPOSAL NOTE
CONTAINERS (e.g. DUMPSTERS, DRUMS) MUST BE AVAILABLE FOR THE DISPOSAL OF DEBRIS, TRASH, HAZARDOUS MATERIAL AND PETROLEUM WASTES. ALL CONTAINERS MUST BE COVERED AND LEAK-PROOF.

CLEAN HARD FILL NOTE
NO CLEAN CONSTRUCTION WASTES SHALL BE DISPOSED OF INTO THE PROPERTY.

FUELING AND STAGING NOTE
CONTRACTOR'S STAGING AND STORAGE AREA WILL BE LOCATED WITHIN CONSTRUCTION LIMITS OF THE PROJECT. FUEL TANKS AND OTHER HAZARDOUS MATERIALS TO BE SAFELY STORED, PROTECTED, AND PROPERLY HANDLED BY CONTRACTOR. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE NO POLLUTANTS FROM THE STAGING/STORAGE AREA LEAVE THE SITE OR ENTER ADJACENT SURFACE WATERS OR THE STORM SYSTEM. CONTRACTOR SHALL CLEAN UP AND PROPERLY DISPOSE OF ANY WASTE MATERIALS.

SOIL STOCKPILE NOTE
CONTRACTOR'S SHALL LOCATE SOIL STOCKPILE AREAS WITHIN THE PROJECT AREA SO AS NOT TO BE WITHIN THE IMMEDIATE PROXIMITY OF ANY SURFACE WATERS OR STORM INLET STRUCTURES. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE NO POLLUTANTS FROM THE STOCKPILE AREA LEAVE THE SITE OR ENTER ADJACENT SURFACE WATERS OR THE STORM SYSTEM. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO INSTALLING FILTER FABRIC FENCE AROUND STOCKPILE, TEMPORARILY COVERING THE STOCKPILE AND/OR TEMPORARILY SEEDING THE STOCKPILE.

DEWATERING NOTE
PUMPING OF SEDIMENT LADEN WATER FROM TRENCHES OR ANY OTHER EXCAVATIONS DIRECTLY INTO ANY SURFACE WATERS, DITCH OR STREAM CORRIDORS, ANY WETLANDS OR STORM SEWERS IS PROHIBITED. ALL SUCH WATER SHALL BE PROPERLY FILTERED OR SETTLED TO REMOVE SOIL PARTICLES PRIOR TO ITS RELEASE. IF AN AREA OF THE SITE OR TRENCH NEEDS DEWATERED, IT SHOULD BE PUMPED FROM A SUMP PIT WITH A SOCK FILTER OR OTHER TYPE OF FILTERING DEVICE ON THE DISCHARGE OF THE HOSE. DO NOT ALLOW DISCHARGED WATER TO PASS OVER DISTURBED GROUND. IF THE DISCHARGE WATER IS BEING PUMPED INTO A SEDIMENT POND THEN NO FILTER IS REQUIRED AT THE END OF THE HOSE. IF THE GROUNDWATER MUST BE LOWERED, THE WATER MAY BE FREELY DISCHARGED AS LONG AS THE WATER REMAINS CLEAN. DO NOT CO-MINGLE CLEAN GROUND WATER WITH SEDIMENT LADEN WATER OR DISCHARGE IT BY ALLOWING IT TO PASS OVER DISTURBED GROUND.

LOG/DOCUMENTATION SHEETS
AS PART OF THE SWPPP, THE CONTRACTOR SHALL MAINTAIN LOG/DOCUMENTATION SHEETS FOR THE FOLLOWING:
1) A SIGNATURE LOG CONTAINING THE SIGNATURES OF ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED IN THE IMPLEMENTATION OF THE SWPPP AS PROOF ACKNOWLEDGING THAT THEY REVIEWED AND UNDERSTAND THE CONDITIONS AND RESPONSIBILITIES OF THE SWPPP.
2) A GRADING AND STABILIZATION LOG DOCUMENTING THE PROJECTS GRADING AND STABILIZATION ACTIVITIES AND
3) A SWPPP AMENDMENT LOG DOCUMENTING CHANGES/AMENDMENTS TO THE SWPPP, WHICH OCCUR AFTER CONSTRUCTION ACTIVITIES COMMENCE.

Choice One Engineering

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DECEMBER 11, 2025

PROJECT DESCRIPTION
THIS PROJECT CONSISTS OF THE CONSTRUCTION A NEW BUILDING AND ASSOCIATED DRIVES AND PARKING. SITE WORK TO INCLUDE STORM SEWER, SANITARY SEWER, WATER, SITE GRADING, PAVEMENT WORK AND BUILDING CONSTRUCTION.

PROJECT WORK CONSTRUCTION DATES
START: SPRING 2025
ESTIMATED COMPLETION: SUMMER 2026

EROSION CONTROL NOTES
A. INSTALL AND MAINTAIN FILTER FABRIC FENCE AND INLET PROTECTION WHERE SHOWN AND AS NEEDED TO MINIMIZE SEDIMENT LADEN WATER FROM LEAVING THE SITE OR ENTERING ANY STORM SYSTEM, ADJACENT DITCHES, STREAMS ETC. IF STORMWATER RUNOFF CONTAINING SEDIMENTS IS FOUND TO BE LEAVING THE PROJECT SITE IN AN AREA WHERE NO BMP/CONTROL MEASURE IS SHOWN OR IN PLACE, CONTRACTOR SHALL IMMEDIATELY INSTALL THE APPROPRIATE BMP/CONTROL MEASURE AS NEEDED TO REMEDY THE SITUATION (TYP. INLET PROTECTION, FILTER FABRIC FENCE, ETC.).

B. INSTALL INLET PROTECTION ON ALL STORM INLET STRUCTURES (YARD DRAINS, CATCH BASINS, MANHOLES WITH GRATED LIDS, ETC.) AND TO ANY EXISTING STORM STRUCTURES WITHIN THE PROJECT AREA WHICH MAY RECEIVE RUNOFF FROM THE CONSTRUCTION SITE AS NEEDED. INLET PROTECTION MAY CONSIST OF DEVICES SUCH AS SEDCAGE (WWW.SEDCATCH.COM), DANDY BAGS, SEDIGUARD FILTERS, FLEXSTORM INLET FILTERS, SEDIMENT FENCE OR OTHER DEVICES WHICH ARE EFFECTIVE AT MINIMIZING THE AMOUNT OF SEDIMENT ENTERING THE STRUCTURE.

C. CONTRACTOR IS RESPONSIBLE FOR IMMEDIATELY CLEANING UP ANY MUD, DIRT AND DEBRIS WHICH IS TRACKED OR SPILLED ONTO THE ROADWAYS.

D. PRE CONSTRUCTION - CONTRACTOR IS RESPONSIBLE TO INSTALL A CONSTRUCTION ENTRANCE AS NEEDED TO MINIMIZE ANY MUD, DIRT AND DEBRIS TRACKED ONTO THE ROADWAYS.

E. DURING CONSTRUCTION - THE CONTRACTOR MUST MAINTAIN EROSION CONTROL UNTIL AREA IS STABILIZED INCLUDING TEMPORARY SEEDING AS NEEDED. CONTRACTOR SHALL TEMPORARYILY SEED ALL CRITICAL EXPOSED SLOPES TO MINIMIZE SEDIMENT RUNOFF.

F. FINAL/POST CONSTRUCTION - CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS. CONTRACTOR SHALL ENSURE GRASS IS PERMANENTLY AND PROPERLY ESTABLISHED IN ALL AREAS WHERE GRASS IS SPECIFIED. ALL SEDIMENT AND EROSION CONTROL STRUCTURES, INCLUDING SEDIMENT FENCE, SHALL REMAIN IN PLACE UNTIL GRASS IS IN PLACE AND SITE IS STABILIZED. ONCE SITE IS STABILIZED AND ALL CONSTRUCTION IS COMPLETE, ALL SEDIMENT FENCE, INLET PROTECTION AND ANY OTHER TEMPORARY BMP'S SHALL BE REMOVED FROM THE SITE.

BMP NOTES
FOR ALL BMP'S INSTALLED, ENSURE THAT THE PONDING OF WATER BEHIND THE BMP WILL NOT DAMAGE PROPERTY OR POSE A SAFETY THREAT. IF PERIODIC INSPECTIONS OR OTHER INFORMATION INDICATES A CONTROL MEASURE/BMP HAS BEEN USED INAPPROPRIATELY, THE CONTRACTOR MUST REPLACE AND ADJUST THE CONTROL/BMP TO MEET SITE CONDITIONS AS REQUIRED. THE CONTRACTOR SHALL ADJUST THE SWPPP AND ITS CONTROLS/BMPS AND THEIR QUANTITIES TO MEET FIELD CONDITIONS AND THE OHIO EPA'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION ACTIVITIES GENERAL PERMIT.

MAINTENANCE NOTE
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO ENSURE ALL TEMPORARY AND PERMANENT CONTROL PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED IN A FUNCTIONAL CONDITION UNTIL ALL UP-SLOPE AREAS THEY CONTROL ARE PERMANENTLY STABILIZED. THE SWP3 SHALL BE DESIGNED TO MINIMIZE MAINTENANCE REQUIREMENTS. THE APPLICANT SHALL PROVIDE A DESCRIPTION OF MAINTENANCE PROCEDURES NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF CONTROL PRACTICES.

SWPPP AND INSPECTION AVAILABILITY AND UPDATES NOTE
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO ENSURE THE IMMEDIATE AVAILABILITY OF THE SWPPP AND INSPECTION REPORTS ON-SITE. THE CONTRACTOR SHALL ALSO BE SOLELY RESPONSIBLE TO PERFORM AND DOCUMENT ALL REQUIRED SWPPP INSPECTIONS AND ALL UPDATES AND AMENDMENTS TO THE SWPPP.

DOCUMENTATION AND GOVERNMENT INSPECTION NOTE
CONTRACTOR(S) SHALL PROVIDE THE OWNER'S REPRESENTATIVE A WRITTEN COPY OF THEIR CO-PERMITTEE APPLICATION AND ANY OTHER DOCUMENTATION THE CONTRACTOR(S) MAY SEND OR RECEIVE FROM THE OEPA OR ANY OTHER GOVERNING AUTHORITIES.

IF AN INSPECTOR OR REPRESENTATIVE FROM THE OEPA OR ANY OTHER GOVERNING AUTHORITY IS ON-SITE, THE CONTRACTOR SHALL IMMEDIATELY CONTACT AND NOTIFY THE OWNER'S REPRESENTATIVE.

STATE OF OHIO
JAKE CORDONNIER 88966
REGISTERED PROFESSIONAL ENGINEER

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SWPPP TITLE SHEET

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IMPLEMENTATION SCHEDULE (EROSION CONSTRUCTION SEQUENCE)

THE CONTRACTOR OR ITS APPOINTED REPRESENTATIVES WILL ASSUME RESPONSIBILITY FOR INSTALLATION, INSPECTION AND MAINTENANCE OF ALL SOIL EROSION CONTROL MEASURES DURING CONSTRUCTION. THE INSTALLATION OF THE SOIL EROSION CONTROL MEASURES WILL BE COMPLETED, AS FOLLOWS:

A. PRIOR TO ANY GRADING OR EARTHWORK:
A-1. SILT FENCE AND INLET PROTECTION ION EX. STORM STRUCTURES) TO BE INSTALLED AS SHOWN ON SWPPP.
A-2. INSTALL CONSTRUCTION ENTRANCE(S) IF NEEDED AS SHOWN ON SWPPP. INSTALLATION OF ALL OTHER EROSION AND SEDIMENT CONTROL MEASURES, E.G. ROCK CHECK DAMS, CONCRETE WASHOUT PIT, SEDIMENT BASIN, ETC.

B. PERFORM ROUGH GRADING, INSTALL UTILITIES, BUILDINGS, PAVEMENT:
B-1. CLEAR AND GRUB AREA AS NEEDED
B-2. PERFORM SITE GRADING. INSTALL BUILDING(S)
B-3. INSTALL SANITARY, STORM, WATER LINES, OTHER UTILITIES, GRAVEL BASE, AND CURB AND GUTTER, AS PER PLANS). INSTALL INLET PROTECTION ON ALL PROPOSED STORM INLET STRUCTURES AS INDICATED ON THE PLANS AS SOON AS THEY ARE INSTALLED.
B-4 PERFORM TEMPORARY SEEDING AS NEEDED ON ANY DISTURBED AREAS PER THE TIME REQUIREMENTS FOR TEMPORARY SEEDING SPECIFIED ON THIS DRAWING.
B-5 INSTALL PAVEMENT.

C. PERFORM FINAL GRADING:
C-1. PLACE TOPSOIL AND PERFORM FINAL RAKING AND GRADING ON ALL DISTURBED AREAS.
C-2. ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED (SEEDED AND/OR MULCHED).
C-3. CLEAN UP SITE, AND ONCE SITE HAS REACHED FINAL STABILIZATION REMOVE ALL TEMPORARY BMP'S.

NOTES: A) CARE WILL BE TAKEN NOT TO DISTURB ANY EXISTING NATURAL VEGETATION NOT INVOLVED IN THE CONSTRUCTION PROCESS, WHENEVER POSSIBLE. B) TIMELY INSPECTIONS OF THE EROSION CONTROL MEASURES WILL BE MADE, BY THE CONTRACTOR, EVERY 7 DAYS, AND/OR AFTER ANY RAINFALL OF AT LEAST 1/2" IN A 24-HOUR PERIOD. REPORTS MUST BE KEPT ON-SITE AND SUPPLIED TO THE GOVERNING AUTHORITY IF REQUESTED.

INSPECTION SCHEDULE

A. THE SITE WILL BE INSPECTED PER OHIO EPA PERMIT No. OHC000006:

PART III.G.2.:
INSPECTIONS. THE PERMITTEE SHALL ASSIGN QUALIFIED INSPECTION PERSONNEL TO CONDUCT INSPECTIONS TO ENSURE THAT THE CONTROL PRACTICES ARE FUNCTIONAL AND TO EVALUATE WHETHER THE SWP3 IS ADEQUATE AND PROPERLY IMPLEMENTED IN ACCORDANCE WITH THE SCHEDULE PROPOSED IN PART III.G.1.H OF THE OHC000006 PERMIT OR WHETHER ADDITIONAL CONTROL MEASURES ARE REQUIRED. AT A MINIMUM, PROCEDURES IN A SWP3 SHALL PROVIDE THAT ALL CONTROLS ON THE SITE ARE INSPECTED:
* AFTER ANY STORM EVENT GREATER THAN ONE-HALF INCH OF RAIN PER 24-HOUR PERIOD BY THE END OF THE NEXT CALENDAR DAY, EXCLUDING WEEKENDS AND HOLIDAYS UNLESS WORK IS SCHEDULED; AND
* ONCE EVERY SEVEN CALENDAR DAYS.

THE INSPECTION FREQUENCY MAY BE REDUCED TO AT LEAST ONCE EVERY MONTH FOR DORMANT SITES IF:
* THE ENTIRE SITE IS TEMPORARILY STABILIZED; OR
* RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS FOR EXTENDED PERIODS OF TIME (E.G. SITE IS COVERED WITH SNOW, ICE, OR THE GROUND IS FROZEN).

THE BEGINNING AND ENDING DATES OF ANY REDUCED INSPECTION FREQUENCY SHALL BE DOCUMENTED IN THE SWP3. ONCE A DEFINABLE AREA HAS ACHIEVED FINAL STABILIZATION, THE AREA MAY BE MARKED ON THE SWP3 AND NO FURTHER INSPECTION REQUIREMENTS SHALL APPLY TO THAT PORTION OF THE SITE.

FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. AT A MINIMUM, THE INSPECTION REPORT SHALL INCLUDE:
i. THE INSPECTION DATE;
ii. NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION;
iii. WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY IF THE FIRST INSPECTION) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES), AND WHETHER ANY DISCHARGES OCCURRED;
iv. WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION;
v. LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE;
vi. LOCATION(S) OF BMPS THAT NEED TO BE MAINTAINED;
vii. LOCATION(S) OF BMPS THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;
viii. LOCATION(S) WHERE ADDITIONAL BMPS ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION; AND
ix. CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWP3 NECESSARY AND IMPLEMENTATION DATES.

DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF OR THE POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE SWP3 SHALL BE OBSERVED TO ENSURE THAT THOSE ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS SHALL BE INSPECTED TO ASSERTAIN WHETHER EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO THE RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE VEHICLE TRACKING.

THE PERMITTEE SHALL MAINTAIN FOR THREE YEARS FOLLOWING THE SUBMITTAL OF A NOTICE OF TERMINATION FORM, A RECORD SUMMARIZING THE RESULTS OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE SWP3 AND A CERTIFICATION AS TO WHETHER THE FACILITY IS IN COMPLIANCE WITH THE SWP3 AND THE PERMIT AND IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE. THE RECORD AND CERTIFICATION SHALL BE SIGNED IN ACCORDANCE WITH PART V.G. OF THIS PERMIT.

i. WHEN PRACTICES REQUIRE REPAIR OR MAINTENANCE. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE IS IN NEED OF REPAIR OR MAINTENANCE, WITH THE EXCEPTION OF A SEDIMENT SETTLING POND, IT SHALL BE REPAIRED OR MAINTAINED WITHIN 3 DAYS OF THE INSPECTION. SEDIMENT SETTLING PONDS SHALL BE REPAIRED OR MAINTAINED WITHIN 10 DAYS OF THE INSPECTION.

ii. WHEN PRACTICES FAIL TO PROVIDE THEIR INTENDED FUNCTION. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE FAILS TO PERFORM ITS INTENDED FUNCTION AND THAT ANOTHER, MORE APPROPRIATE CONTROL PRACTICE IS REQUIRED, THE SWP3 SHALL BE AMENDED AND THE NEW CONTROL PRACTICE SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.

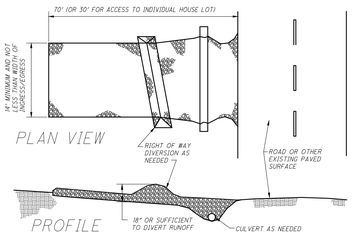
iii. WHEN PRACTICES DEPICTED ON THE SWP3 ARE NOT INSTALLED. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE HAS NOT BEEN IMPLEMENTED IN ACCORDANCE WITH THE SCHEDULE CONTAINED IN PART III.G.1.H OF THIS PERMIT, THE CONTROL PRACTICE SHALL BE IMPLEMENTED WITHIN 10 DAYS FROM THE DATE OF THE INSPECTION. IF THE INSPECTION REVEALS THAT THE PLANNED CONTROL PRACTICE IS NOT NEEDED, THE RECORD SHALL CONTAIN A STATEMENT OF EXPLANATION AS TO WHY THE CONTROL PRACTICE IS NOT NEEDED.

B. VEGETATIVE PLANTINGS - SPRING PLANTINGS WILL BE CHECKED DURING SUMMER OR EARLY FALL.
C. REPAIRS - ANY EROSION CONTROL MEASURES, STRUCTURAL MEASURES, OR OTHER RELATED ITEMS IN NEED OF REPAIR WILL BE MADE WITHIN 7 DAYS.
D. MOWING - DRAINAGE WAYS, DITCHES, AND OTHER AREAS THAT SUPPORT A DESIGNED FLOW OF WATER WILL BE MOWED REGULARLY TO MAINTAIN THAT FLOW.
E. FERTILIZATION - SEEDED AREAS WHERE THE SEED HAS NOT PRODUCED A GOOD COVER WILL BE INSPECTED AND FERTILIZED AS NECESSARY.

CONSTRUCTION ENTRANCE

A. STONE SIZE - 2" STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
B. LENGTH - THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS, BUT NOT LESS THAN 70' (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH APPLIES).
C. THICKNESS - THE STONE LAYER SHALL BE AT LEAST 6" THICK.
D. WIDTH - THE ENTRANCE SHALL BE AT LEAST 10' WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
E. BEDDING - A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 200 LBS. AND A MULLEN BURST STRENGTH OF AT LEAST 190 LBS.
F. CULVERT - A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE, IF NEEDED, TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES (IF DRIVE IS PLACED ACROSS A DITCH).
G. WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE, IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES (IF DRIVE IS PLACED ON A SLOPE).
H. MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
I. CONSTRUCTION ENTRANCE SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFFSITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
J. CONSTRUCTION ENTRANCES ARE INSTALLED TO MINIMIZE OFFSITE TRACKING OF SEDIMENTS. A STONE ACCESS DRIVE SHOULD BE INSTALLED AT EVERY POINT WHERE VEHICLES ENTER OR EXIT THE SITE. EVERY INDIVIDUAL LOT SHOULD ALSO HAVE ITS OWN DRIVE ONCE CONSTRUCTION ON THE LOT BEGINS.

NOTE: ALTERNATIVE STABILIZATION METHODS FOR CONSTRUCTION ENTRANCE/EXIT SUCH AS MANUFACTURED STEEL PLATES, GRID PLATES, ETC. OR STEEL PIPES/GRATINGS WILL ALSO BE CONSIDERED BUT WILL REQUIRE WRITTEN APPROVAL FROM THE OWNER PRIOR TO THE USE OF SUCH ALTERNATIVE METHODS AS ON-SITE CONSTRUCTION ENTRANCES/EXIT). ANY PROPOSED ALTERNATIVE METHODS SHALL SHALL BE SHOWN TO EFFECTIVELY REMOVE MUD AND DEBRIS FROM VEHICLE WHEELS PRIOR TO EXITING THE SITE.



CONSTRUCTION ENTRANCE DETAIL

NON-SEDIMENT POLLUTION CONTROL

A) CONSTRUCTION PERSONNEL, INCLUDING SUBCONTRACTORS WHO MAY USE OR HANDLE HAZARDOUS OR TOXIC MATERIALS, SHALL BE MADE AWARE OF THE FOLLOWING GENERAL GUIDELINES:

DISPOSAL AND HANDLING OF HAZARDOUS AND OTHER CONSTRUCTION WASTE

DO:
* PREVENT SPILLS
* USE PRODUCTS UP
* FOLLOW LABEL DIRECTIONS FOR DISPOSAL
* REMOVE LIDS FROM EMPTY BOTTLES AND CANS WHEN DISPOSING IN TRASH
* RECYCLE WASTE WHENEVER POSSIBLE

DON'T
* DON'T POUR INTO WATERWAYS, STORM DRAINS, OR ONTO THE GROUND
* DON'T POUR DOWN THE SINK, FLOOR DRAIN, OR SEPTIC TANKS
* DON'T BURN CHEMICALS OR CONTAINERS
* DON'T BURN CHEMICALS OR CONTAINERS
* DON'T MIX CHEMICALS TOGETHER

B. CONTAINERS SHALL BE PROVIDED FOR COLLECTION OF ALL WASTE MATERIAL INCLUDING CONSTRUCTION DEBRIS, TRASH, PETROLEUM, AND ANY HAZARDOUS MATERIALS TO BE USED ON SITE. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THAT MATERIAL.

C. NO WASTE MATERIALS SHALL BE BURIED ON SITE. SITE PERSONNEL, INCLUDING SUBCONTRACTORS, SHALL BE NOTIFIED THAT NO CONSTRUCTION-RELATED MATERIALS ARE TO BE BURIED ON SITE.

D. MIXING, PUMPING, TRANSFERRING, OR OTHERWISE HANDLING CONSTRUCTION CHEMICALS SUCH AS FERTILIZER, LIME, ASPHALT, CONCRETE DRYING COMPOUNDS, AND ALL OTHER POTENTIALLY HAZARDOUS MATERIALS SHALL BE PERFORMED IN AN AREA AWAY FROM ANY WATERCOURSE, DITCH, OR STORM DRAIN.

E. EQUIPMENT FUELING AND MAINTENANCE, OIL CHANGING, ETC., SHALL BE PERFORMED AWAY FROM WATERCOURSES, DITCHES, OR STORM DRAINS, IN AN AREA DESIGNATED FOR THAT PURPOSE. THE DESIGNATED AREA SHALL BE EQUIPPED FOR RECYCLING OIL AND CATCHING SPILLS.

F. CONCRETE WASH WATER SHALL NOT BE ALLOWED TO FLOW TO STREAMS, DITCHES, STORM DRAINS, OR ANY OTHER WATER CONVEYANCE. A SUMP OR PIT SHALL BE CONSTRUCTED IF NEEDED TO CONTAIN CONCRETE WASH WATER.

G. IF HAZARDOUS SUBSTANCES SUCH AS OIL, DIESEL FUEL, HYDRAULIC FLUID, ANTIFREEZE, ETC. ARE SPILLED, LEAKED, OR RELEASED ONTO THE SOIL, THE SOIL SHOULD BE DUG UP AND DISPOSED OF WITH THE TRASH AT A LICENSED SANITARY LANDFILL (NOT A CONSTRUCTION/DEMOLITION DEBRIS LANDFILL). SPILLS ON PAVEMENT SHALL BE ABSORBED WITH SAWDUST OR KITTY LITTER AND DISPOSED OF WITH THE TRASH AT A LICENSED SANITARY LANDFILL. HAZARDOUS OR INDUSTRIAL WASTES SUCH AS MOST SOLVENTS, GASOLINE, OIL-BASED PAINTS, AND CEMENT CURING COMPOUNDS REQUIRE SPECIAL HANDLING. CONTACT OHIO EPA (1-800-282-9378).

H. SPILLS OF 25 GAL. OR MORE OF PETROLEUM PRODUCTS SHALL BE REPORTED TO OHIO EPA (1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MIN. OF THE DISCOVERY OF THE RELEASE.

I. STREETS NEED TO BE SWEPT AS OFTEN AS NECESSARY TO KEEP THEM CLEAN AND FREE FROM SEDIMENT. SEDIMENT TO BE SWEPT BACK ONTO THE LOT - NOT DOWN THE STORM SEWER.

J. STOCKPILES OF SOIL AND OTHER MATERIALS SHALL BE STORED AWAY FROM WATERCOURSES, DITCHES, OR STORM DRAINS, AND SHALL HAVE EROSION CONTROL MATERIALS PLACED AROUND THEM.

K. ALL STREAM CROSSINGS SHALL BE CONSTRUCTED ENTIRELY OF NON-ERODIBLE MATERIAL.

PROCESS WASTEWATER/LEACHATE MANAGEMENT NOTE

ALL PROCESS WASTEWATERS (e.g. EQUIPMENT WASHING, LEACHATE ASSOCIATED WITH ON-SITE WASTE DISPOSAL, AND CONCRETE WASH-OUT(S) MUST BE COLLECTED AND DISPOSED OF PROPERLY (e.g. TO A PUBLICLY-OWNED TREATMENT WORKS). THE NPDES CONSTRUCTION STORM WATER GENERAL PERMIT ONLY AUTHORIZES THE DISCHARGE OF STORM WATER AND CERTAIN UNCONTAMINATED NON-STORM WATERS. THE DISCHARGE OF NON-STORM WATERS TO WATERS OF THE STATE MAY BE IN VIOLATION OF LOCAL, STATE, AND FEDERAL LAWS OR REGULATIONS.

HANDLING OF TOXIC OR HAZARDOUS MATERIALS NOTE

NO SOLID, SANITARY, OR TOXIC WASTE IS TO BE DISPOSED OF ON THE PROJECT SITE. RECYCLING OF USED OR UNUSED HAZARDOUS MATERIALS SHALL NOT OCCUR ON SITE EITHER. AREAS DESIGNATED FOR CEMENT TRUCK WASHOUTS, AND VEHICLE FUELING SHALL NOT TAKE PLACE ON PARKING LOT BASE.

CONSTRUCTION CHEMICAL COMPOUNDS NOTE

NO MIXING OR STORAGE OF CHEMICAL COMPOUNDS SUCH AS FERTILIZERS, LIME, ASPHALT, OR CONCRETE ARE PERMITTED TO TAKE PLACE ON-SITE. ALL MIXING SHALL TAKE PLACE BEFORE ENTERING THE SITE.

CONSTRUCTION & DEMOLITION DEBRIS NOTE

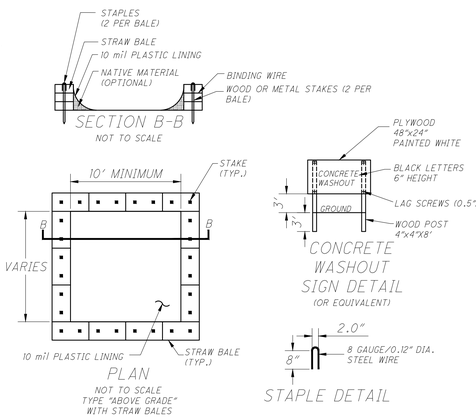
ALL CONSTRUCTION AND DEMOLITION DEBRIS (C&DD) WASTE SHALL BE DISPOSED OF IN AN OHIO EPA APPROVED C&DD LANDFILL AS REQUIRED BY OHIO REVISED CODE (ORC) 3714. MATERIALS WHICH CONTAIN ASBESTOS MUST COMPLY WITH AIR POLLUTION REGULATIONS (SEE OHIO ADMINISTRATIVE CODE 3745-20).

CONTAMINATED SOILS NOTE

SOILS CONTAMINATED BY PETROLEUM OR OTHER CHEMICAL SPILLS SHALL BE HANDLED AND DISPOSED OF PROPERLY. ALL CONTAMINATED SOILS MUST BE TREATED AND/OR DISPOSED OF IN AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITY (TSDFs). IF CONTAMINATION HAPPENS TO OCCUR, TARPS ARE TO BE USED TO PREVENT STORM WATER FROM COMING INTO CONTACT WITH THE MATERIAL.

CONCRETE WASHOUT NOTE

CONCRETE WASHOUT OPERATIONS SHALL TAKE PLACE WITHIN THE PROPOSED PROJECT AREA UTILIZING THE CONTRACTOR'S PORTABLE CONCRETE WASHOUT CONTAINER OR WITHIN A BERMED/CONTAINED AREA. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE WASHOUT MATERIAL DOES NOT LEAVE THE WASHOUT AREA OR ENTER THE STORM SYSTEM. CONTRACTOR SHALL CLEAN UP AND PROPERLY DISPOSE OF ALL LEFTOVER WASHOUT MATERIAL.



CONCRETE WASHOUT DETAIL

DUST CONTROL

DUST CONTROL SHALL BE PROVIDED AS NEEDED TO PREVENT SEDIMENT FROM BECOMING AIRBORNE. MEASURES SHALL INCLUDE WATERING VIA A WATER TRUCK OR OTHER WATERING DEVICE AS NEEDED TO REDUCE AND/OR ELIMINATE AIRBORNE DUST CREATED BY CONSTRUCTION AND CONSTRUCTION RELATED ACTIVITIES.

CONSTRUCTION OF A FILTER BARRIER (SILT FENCE)

A. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.

B. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.

C. TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.

D. WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.

E. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5' (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.

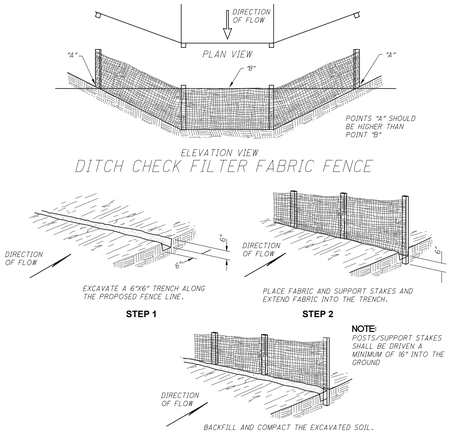
F. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16" ABOVE THE ORIGINAL GROUND SURFACE.

G. THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MINIMUM OF 6" DEEP. THE TRENCH SHALL BE CUT WITH A TRENCHER, CABLE LAYING MACHINE, OR OTHER SUITABLE DEVICE WHICH WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.

H. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 8" OF CLOTH IS BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6" DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED.

I. SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE OVERLAPPED WITH THE END STAKES OF EACH SECTION WRAPPED TOGETHER BEFORE DRIVING INTO THE GROUND.

J. MAINTENANCE - SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. ALL THE GAPS AND TEARS IN THE FENCE MUST BE ELIMINATED AND REPAIRED. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED.



FILTER FABRIC FENCE DETAIL

CRITERIA FOR SILT FENCE MATERIAL

A. FENCE POSTS - THE LENGTH SHALL BE A MINIMUM OF 48" LONG. WOOD POSTS WILL BE 2"-BY-2" HARDWOOD OF SOUND QUALITY. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 5'. POSTS/SUPPORT STAKES SHALL BE DRIVEN A MINIMUM OF 16" INTO THE GROUND.

B. SILT FENCE FABRIC SHALL CONFORM TO THE AASHTO SILT FENCE SPECIFICATION 100X AND SHALL HAVE A MINIMUM 100# GRAB TENSILE. SILT FENCE SHALL ALSO CONFORM TO THE MOST RECENT ODOT STANDARD FOR SEDIMENT/SILT FENCE (TABLE 712.09-1)

C. SILT FENCE SHALL BE ATTACHED TO THE WOODEN POSTS WITH STAPLES, WIRE, ZIP TIES, OR NAILS.

PERMANENT STABILIZATION

ALL AREAS AT FINAL GRADE MUST BE PERMANENTLY STABILIZED WITHIN 7 DAYS OF REACHING FINAL GRADE. THIS IS USUALLY ACCOMPLISHED BY USING SEED AND MULCH, BUT SPECIAL MEASURES ARE SOMETIMES REQUIRED. THIS IS PARTICULARLY TRUE IN DRAINAGE DITCHES/SWALES, LOW AREAS, DETENTION POND BOTTOMS AND SIDES OR ON STEEP SLOPES. THESE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, THE INSTALLATION OF EROSION CONTROL BLANKETS AND/OR MATTING, ADDITION OF TOPSOIL, OR ROCK RIP-RAP. CONTRACTOR SHALL UTILIZE THESE AND ANY OTHER SPECIAL MEASURES AS NEEDED TO PERMANENTLY STABILIZE THE SITE. PERMANENT SEEDING SHOULD BE DONE MARCH 1 TO MAY 31 AND AUGUST 1 TO SEPTEMBER 30. DORMANT SEEDING CAN BE DONE FROM NOVEMBER 20 TO MARCH 15. AT ALL OTHER TIMES OF THE YEAR, THE AREA SHOULD BE TEMPORARILY STABILIZED UNTIL A PERMANENT SEEDING CAN BE APPLIED.

AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE.	WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE.
ANY AREAS WITHIN 50' OF A SURFACE WATER OF THE STATE (STREAM, WATERWAY, WATER BODY, ETC.) AND AT FINAL GRADE	WITHIN 2 DAYS OF REACHING FINAL GRADE
ANY OTHER AREAS AT FINAL GRADE.	WITHIN 7 DAYS OF REACHING FINAL GRADE WITHIN THAT AREA.

SOILS EXPOSED NOTE

CONTRACTOR SHALL PLAN AND IMPLEMENT CONSTRUCTION AND GRADING ACTIVITIES TO MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITIES.

TEMPORARY SEEDING SPECIES SELECTION			
SEEDING DATES	SPECIES	L.B./1000 SQ. FT.	PER ACRE
MARCH 1 TO AUGUST 15	OATS	3	4 BUSHELS
	TALL FESCUE	1	40 LBS.
	ANNUAL RYEGRASS	1	40 LBS.
	PERENNIAL RYEGRASS	1	40 LBS.
	TALL FESCUE	1	40 LBS.
	ANNUAL RYEGRASS	1	40 LBS.
AUGUST 16 TO NOVEMBER 1	RYE	3	2 BUSHELS
	TALL FESCUE	1	40 LBS.
	ANNUAL RYEGRASS	1	40 LBS.
	WHEAT	1	2 BUSHELS
	TALL FESCUE	1	40 LBS.
	ANNUAL RYEGRASS	1	40 LBS.
	PERENNIAL RYEGRASS	1	40 LBS.
	TALL FESCUE	1	40 LBS.
	ANNUAL RYEGRASS	1	40 LBS.
NOVEMBER 1 TO SPRING SEEDING	USE MULCH ONLY, SODDING PRACTICES OR DORMANT SEEDING		
NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.			

SPECIFICATIONS FOR TEMPORARY SEEDING

A. TO MINIMIZE COSTS OF TEMPORARY STABILIZATION, LEAVE NATURAL COVER IN PLACE FOR AS LONG AS POSSIBLE. ONLY DISTURB AREAS YOU INTEND TO WORK WITHIN THE NEXT 14 DAYS.

B. STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PRIOR TO GRADING THE REST OF THE CONSTRUCTION SITE.

C. THE SEEDBED SHOULD BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. HOWEVER, TEMPORARY SEEDING SHALL NOT BE POSTPONED IF IDEAL SEEDBED PREPARATION IS NOT POSSIBLE.

D. SOIL AMENDMENTS - APPLICATIONS OF TEMPORARY VEGETATION SHALL ESTABLISH ADEQUATE STANDS OF VEGETATION WHICH MAY REQUIRE THE USE OF SOIL AMENDMENTS. SOIL TESTS SHOULD BE TAKEN ON THE SITE TO PREDICT THE NEED FOR LIME AND FERTILIZER.

E. SEEDING METHOD - SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. WHEN FEASIBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RAKING OR DRAGGING AND THEN LIGHTLY PLACED USING A ROLLER OR CULTIPACKER. IF HYDROSEEDING IS USED, THE SEED AND FERTILIZER WILL BE MIXED ON SITE AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.

MULCHING TEMPORARY SEEDING

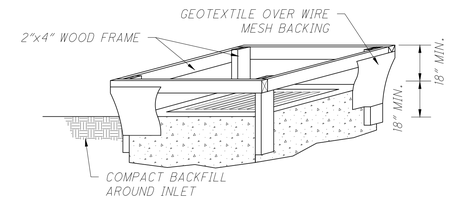
A. APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES AND WITH FAVORABLE SOIL CONDITIONS AND ON VERY FLAT AREAS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION.

B. MATERIALS:
- STRAW - IF STRAW IS USED, IT SHALL BE UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/ACRE OR 90 LBS./1,000 SQ. FT. (TWO TO THREE BALES). THE MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQ. FT. SECTIONS AND SPREAD TWO 45 LBS. BALES OF STRAW IN EACH SECTION.
- HYDROSEEDERS - IF WOOD CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2,000 LB/AC. OR 46 LBS./1,000 SQ. FT.
- OTHER - OTHER ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATION

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INLET PROTECTION FOR STORM STRUCTURES W/ GRATE

INLET PROTECTION MAY CONSIST OF SEDIMENT FENCE AND/OR DEVICES SUCH AS FLEX STORM INLET FILTERS, SEDCAGE (WWW.SEDCATCH.COM, DANDY BAGS, SEDIGUARD FILTERS, OR OTHER DEVICES (ALTERNATE PRODUCTS WHOSE PERFORMANCE IS EQUAL TO OR EXCEEDS THOSE LISTED) WHICH ARE EFFECTIVE AT MINIMIZING THE AMOUNT OF SEDIMENT ENTERING THE STRUCTURE . INSTALL INLET PROTECTION ON ALL PROPOSED YARD DRAINS, CATCH BASINS AND MANHOLES WITH GRATED LIDS AND TO ALL EXISTING STORM STRUCTURES WITH GRATED LIDS WITHIN THE PROJECT AREA WHICH MAY RECEIVE RUNOFF FROM THE CONSTRUCTION SITE.



NOTES
A. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE STORM DRAIN BECOMES OPERATIONAL.

B. THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH OF AT LEAST 18".

C. THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2" BY 4" CONSTRUCTION GRADE LUMBER. THE 2" BY 4" POST SHALL BE DRIVEN 1' INTO THE GROUND AT FOUR CORNERS OF THE INLET AND THE TOP PORTION OF 2" BY 4" FRAME ASSEMBLED USING THE OVERLAP JOINT SHOWN. THE TOP OF THE FRAME SHALL BE AT LEAST 6" BELOW ADJACENT ROAD, IF PONDED WATER WOULD POSE A SAFETY HAZARD TO TRAFFIC.

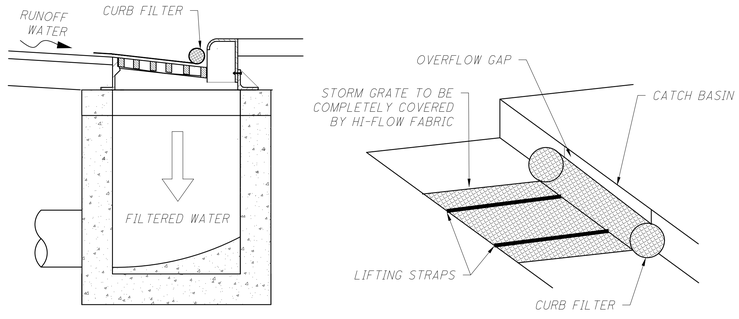
D. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.

E. GEOTEXTILE SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY. IT SHALL EXTEND FROM THE TOP OF THE FRAME TO 18" BELOW THE INLET NOTCH ELEVATION. THE GEOTEXTILE SHALL OVERLAY ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.

F. BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6" LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES.

G. A COMPACTED EARTH DIKE OR A CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT IN A DEPRESSION, AND IF RUNOFF BY PASSING THE INLET WILL NOT FLOW TO A SETTING POND, THE TOP OF EARTH DIKES SHALL BE AT LEAST 6" HIGHER THAN THE TOP OF THE FRAME.

INLET PROTECTION IN SWALES, DITCH LINES OR YARD INLETS

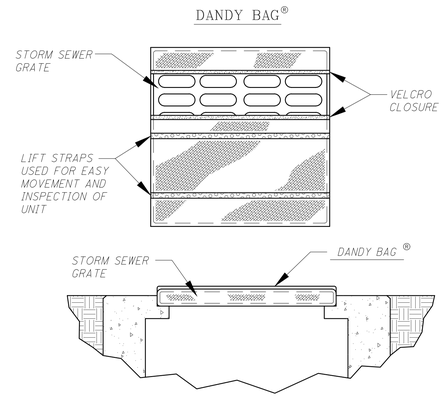


NOTES
A. DANDY CURB BAG, SEDIGUARDS, OR ALTERNATE PRODUCT WHOSE PERFORMANCE IS EQUAL TO OR EXCEEDS THOSE LISTED MAY BE USED.

B. REMOVE SEDIMENT FROM CURB INLET PROTECTION BEFORE IT HINDERS THE FILTERING CAPACITY.
- DANDY CURB BAG: LIFT GRATE AND REMOVE DANDY BAG, CLEAN ACCUMULATED SEDIMENT AND REPLACE BAG AS REQUIRED BY MANUFACTURER.
- SEDIGUARD: CLEAN SEDIGUARD ONCE IT IS DRY WITH A STIFF BROOM AFTER EVERY RAIN.
- ALTERNATE PRODUCTS: CLEAN AS REQUIRED PER MANUFACTURER'S RECCOMENDATIONS

C. INLET PROTECTION SHOULD NEVER INTERFERE WITH SAFETY OF ACTIVE TRAFFIC.

CURB INLET SEDIMENT FILTER DETAIL



DETAIL OF INLET SEDIMENT CONTROL DEVICE

DANDY BAG® SPECIFICATIONS

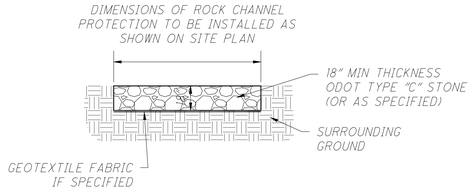
NOTE: THE DANDY BAG® WILL BE **MANUFACTURED IN THE U.S.A.** FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

HI-FLOW DANDY BAG® (SAFETY ORANGE)

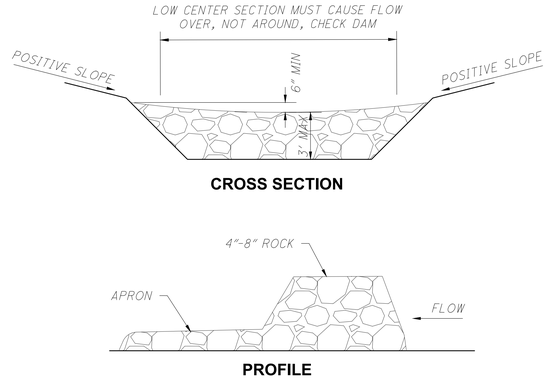
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	1.62 (365) X 0.89 (200)
Grab Tensile Elongation	ASTM D 4632	%	24 X 10
Puncture Strength	ASTM D 4833	kN (lbs)	0.40 (90)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3097 (450)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.51 (115) X 0.33 (75)
UV Resistence	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
Flow Rate	ASTM D 4491	l/min/m²(gal/min/ft²)	5907 (145)
Permittivity	ASTM D 4491	Sec⁻¹	2.1

*Note: All Dandy Bags® can be ordered with optional oil absorbent pillows

INLET PROTECTION - DANDY BAG



ROCK CHANNEL PROTECTION DETAIL FOR PIPE OUTLET



CROSS SECTION

PROFILE

NOTES

A. THE CHECK DAM SHALL BE CONSTRUCTED OF 4-8 INCH DIAMETER STONE, PLACED SO THAT IT COMPLETELY COVERS THE WIDTH OF THE CHANNEL. ODOT TYPE D STONE IS ACCEPTABLE, BUT SHOULD BE UNDERLAIN WITH A GRAVEL FILTER CONSISTING OF ODOT No. 3 OR 4 OR SUITABLE FILTER FABRIC.

B. MAXIMUM HEIGHT OF CHECK DAM SHALL NOT EXCEED 3.0 FEET.

C. THE MIDPOINT OF THE ROCK CHECK DAM SHALL BE A MINIMUM OF 6 INCHES LOWER THAN THE SIDES IN ORDER TO DIRECT ACROSS THE CENTER AND AWAY FROM THE CHANNEL SIDES.

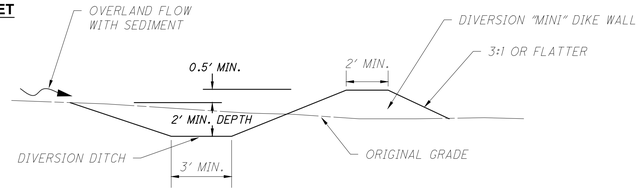
D. THE BASE OF THE CHECK DAM SHALL BE ENTRENCHED APPROXIMATELY 6 INCHES.

E. A STONE APRON SHALL BE CONSTRUCTED IMMEDIATELY DOWNSTREAM OF THE CHECK DAM TO PREVENT FLOWS FROM UNDERCUTTING THE STRUCTURE. THE APRON SHOULD BE 6 INCHES THICK AND ITS LENGTH TWO TIMES THE HEIGHT OF THE DAM.

F. STONE PLACEMENT SHALL BE PERFORMED EITHER BY HAND OR MECHANICALLY AS LONG AS THE CENTER OF CHECK DAM IS LOWER THAN THE SIDES AND EXTENDS ACROSS ENTIRE CHANNEL.

G. SIDE SLOPES SHALL BE A MINIMUM OF 2:1.

DITCH ROCK CHECK DAM



NOTES
A. BERM CAN BE CONSTRUCTED AS DITCH OR DIKE WALL

B. PLACE DITCH ON A GRADE TO DRAIN TO SEDIMENT BASIN.

CROSS SECTION OF A DIVERSION BERM

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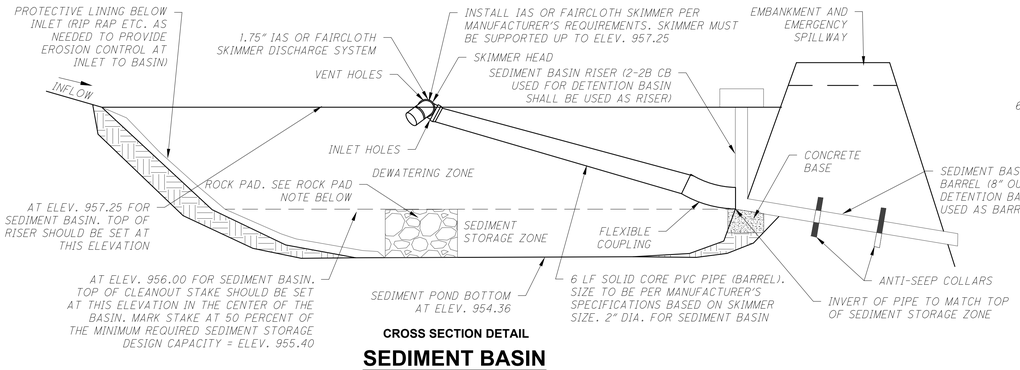
ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

SHEET TITLE:
SWPPP GENERAL EROSION CONTROL NOTES AND DETAILS

SHEET NUMBER:
C3.3

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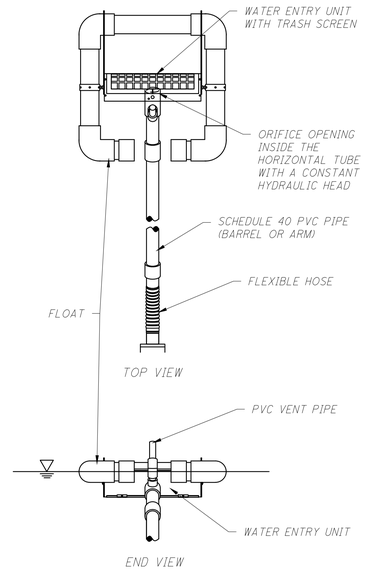


CROSS SECTION DETAIL

SEDIMENT BASIN



IAS SKIMMER
NTS



FAIRCLOTH SKIMMER
NTS

NOTES

A. SEDIMENT BASINS SHALL BE CONSTRUCTED AND OPERATIONAL BEFORE UPSLOPE LAND DISTURBANCE BEGINS.

B. SITE PREPARATION -THE AREA UNDER THE EMBANKMENT SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED AS NEEDED TO FACILITATE SEDIMENT CLEANOUT. GULLIES AND SHARP BREAKS SHALL BE SLOPED TO NO STEEPER THAN 1:1. THE SURFACE OF THE FOUNDATION AREA WILL BE THOROUGHLY SCARIFIED BEFORE PLACEMENT OF THE EMBANKMENT MATERIAL.

C. EMBANKMENT -THE FILL MATERIAL SHALL BE FREE OF ALL SOD, ROOTS, FROZEN SOIL, STONES OVER 6 IN. IN DIAMETER, AND OTHER OBJECTIONABLE MATERIAL. THE PLACING AND SPREADING OF THE FILL MATERIAL SHALL BE STARTED AT THE LOWEST POINT OF THE FOUNDATION AND THE FILL SHALL BE BROUGHT UP IN APPROXIMATELY 6 IN. HORIZONTAL LAYERS OR OF SUCH THICKNESS THAT THE REQUIRED COMPACTION CAN BE OBTAINED WITH THE EQUIPMENT USED. CONSTRUCTION EQUIPMENT SHALL BE OPERATED OVER EACH LAYER IN A WAY THAT WILL RESULT IN THE REQUIRED COMPACTION. SPECIAL EQUIPMENT SHALL BE USED WHEN THE REQUIRED COMPACTION CANNOT BE OBTAINED WITHOUT IT. THE MOISTURE CONTENT OF FILL MATERIAL SHALL BE SUCH THAT THE REQUIRED DEGREE OF COMPACTION CAN BE OBTAINED WITH THE EQUIPMENT USED. THE EMBANKMENTS OF THE SEDIMENT BASIN AND THE AREAS THAT LIE DOWNSTREAM OF THE POND MUST BE STABILIZED.

D. PIPE SPILLWAY -THE PIPE CONDUIT BARREL SHALL BE PLACED ON A FIRM FOUNDATION TO THE LINES AND GRADES SHOWN ON THE PLANS. CONNECTIONS BETWEEN THE RISER AND BARREL, THE ANTI-SEEP COLLARS AND BARREL AND ALL PIPE JOINTS SHALL BE WATERTIGHT. SELECTED BACKFILL MATERIAL SHALL BE PLACED AROUND THE CONDUIT IN LAYERS AND EACH LAYER SHALL BE COMPACTED TO AT LEAST THE SAME DENSITY AS THE ADJACENT EMBANKMENT. ALL COMPACTION WITHIN 2 FT. OF THE PIPE SPILLWAY WILL BE ACCOMPLISHED WITH HAND-OPERATED TAMPING EQUIPMENT.

E. RISER PIPE BASE -THE RISER PIPE SHALL BE SET A MINIMUM OF 6 IN. IN THE CONCRETE BASE.

F. TRASH RACKS -THE TOP OF THE RISER SHALL BE FITTED WITH TRASH RACKS FIRMLY FASTENED TO THE RISER PIPE.

G. SEED AND MULCH -THE SEDIMENT BASIN SHALL BE STABILIZED IMMEDIATELY FOLLOWING ITS CONSTRUCTION. IN NO CASE SHALL THE EMBANKMENT OR EMERGENCY SPILLWAY REMAIN BARE FOR MORE THAN 7 DAYS.

H. SEDIMENT CLEANOUT - ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT STORAGE ZONE ONCE IT EXCEEDS 50 PERCENT OF THE MINIMUM REQUIRED SEDIMENT STORAGE DESIGN CAPACITY AND PRIOR TO THE CONVERSION TO THE POST-CONSTRUCTION PRACTICE UNLESS SUITABLE STORAGE IS DEMONSTRATED BASED UPON OVER-DESIGN. THIS ELEVATION SHALL BE MARKED ON A CLEANOUT STAKE NEAR THE CENTER OF THE BASIN. SEDIMENT REMOVED FROM THE BASIN SHALL BE PLACED SO THAT IT WILL NOT ERODE.

I. FINAL REMOVAL - SEDIMENT BASINS SHALL BE REMOVED AFTER THE UPSTREAM DRAINAGE AREA IS STABILIZED OR AS INDICATED IN THE PLANS. DEWATERING AND REMOVAL SHALL NOT CAUSE SEDIMENT TO BE DISCHARGED. THE SEDIMENT BASIN SITE AND SEDIMENT REMOVED FROM THE BASIN SHALL BE STABILIZED.

OPERATIONS AND MAINTENANCE

SEDIMENT BASINS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT.
NECESSARY ACTIVITIES ARE SHOWN AS FOLLOWS:

A. ESTABLISH VEGETATIVE COVER AND FERTILIZE AS NECESSARY TO MAINTAIN A VIGOROUS COVER IN AND AROUND THE SEDIMENT BASIN.

B. REMOVE UNDESIRABLE VEGETATION PERIODICALLY TO PREVENT GROWTH OF TREES AND SHRUBS ON THE EMBANKMENT AND SPILLWAY AREAS.

C. PROMPTLY REPAIR ERODED AREAS. REESTABLISH VEGETATIVE COVER IMMEDIATELY WHERE SCOUR EROSION HAS REMOVED ESTABLISHED SEEDING.

D. PROMPTLY REMOVE ANY BURROWING RODENTS THAT MAY INVADE AREAS OF THE EMBANKMENT.

E. REMOVE TRASH AND DEBRIS THAT MAY BLOCK SPILLWAYS AND ACCUMULATE IN THE POND.

F. CHECK SPILLWAY OUTLETS AND POINTS OF INFLOW TO ENSURE DRAINAGE IS NOT CAUSING EROSION AND THAT OUTLETS ARE NOT CLOGGED. REPLACE DISPLACED RIPRAP IMMEDIATELY.

ROCK PAD NOTE

IT IS VERY IMPORTANT THAT A ROCK PAD BE CONSTRUCTED TO THE HEIGHT OF THE TOP OF THE SEDIMENT STORAGE ZONE. IF THIS IS NOT DONE OR IF THE PAD IS NOT BUILT TO THE SAME HEIGHT AS THE TOP OF THE SEDIMENT STORAGE ZONE, THE SKIMMER WILL NOT FUNCTION PROPERLY .

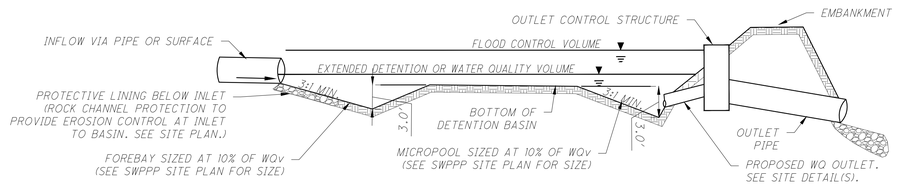
WHEN COMPLETE THE IAS FLEXIBLE COUPLING SHOULD BE LYING FLAT ON THE ROCK PAD. THE UNIT WILL BE TOUCHING AT TWO POINTS: THE TOP OF THE BARREL/MIDDLE OF THE SKIMMER HEAD AND THE POINT AT WHICH THE BARREL IS ATTACHED TO THE IAS FLEXIBLE COUPLING. SEE MANUFACTURER'S ASSEMBLY INSTRUCTIONS.

SEDIMENT BASIN CALCULATIONS

REQUIRED SEDIMENT STORAGE VOLUME = 37 C.Y./ACRE * 1.50 ACRES = 56 C.Y.
TOP OF SEDIMENT STORAGE ZONE ELEVATION = 956.00 (103 C.Y.). SET CLEANOUT STAKE AT THIS ELEVATION.
REQUIRED DEWATERING ZONE VOLUME = 67 C.Y./ACRE * 1.50 ACRES = 101 C.Y.
DEWATERING ZONE VOLUME (BETWEEN 956.00 AND 957.25) = 197 C.Y.
TOTAL BASIN VOLUME REQUIRED TO TOP OF DEWATERING ZONE = 56 C.Y. + 101 C.Y. = 157 C.Y.
TOP OF DEWATERING ZONE ELEVATION = 957.25 (300 C.Y.)
TOTAL SEDIMENT BASIN VOLUME PROVIDED TO ELEV. 957.50 = 347 C.Y.
RISER AND BARREL: PROPOSED 8" DETENTION OUTLET AND 2-2B CB ARE TO BE USED AS OUTLET FOR SEDIMENT BASIN.
197 C.Y. * 27 = 5319 C.F. VOLUME TO BE DEWATERED
USING A FAIRCLOTH/IAS WATER QUALITY SKIMMER WITH A 1.75" SKIMMER SIZE, IT DISCHARGES 2405 CF PER 24 HOURS
THEREFORE IT WILL TAKE 2.21 DAYS TO DEWATER THIS SEDIMENT BASIN.

SEDIMENT BASIN CONVERT TO SITE DETENTION BASIN NOTE

UPON COMPLETION OF THE PROJECT, IF THE SEDIMENT BASIN IS TO SERVE AND FUNCTION AS A SITE DETENTION/RETENTION BASIN, ALL SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASIN WHICH IS ABOVE ITS PROPOSED FINAL SURFACE GRADES THROUGHOUT THE BASIN AND ALSO AS NEEDED TO PLACE ANY REQUIRED TOPSOIL. UPON PROJECT COMPLETION AND FINAL CLEANING, THE SEDIMENT BASIN SHOULD BE ESTABLISHED TO ITS PROPOSED RETENTION/DETENTION BASIN DESIGN INCLUDING CAPACITY, GRADES, OUTLETS, FOREBAY AND MICROPOOL.



FOREBAY AND MICROPOOL CROSS SECTION

TYPICAL MAINTENANCE ACTIVITIES FOR DETENTION BASINS

POTENTIAL POLLUTANT SOURCES POST CONSTRUCTION THAT SHOULD BE MONITORED INCLUDE: TRASH, FERTILIZERS, GRAINS, HERBICIDES, PESTICIDES, LAWN TREATMENT APPLICATIONS ALONG WITH ASSORTED FUELS, OILS, GREASE, HYDRAULIC FLUID, AND OTHER VEHICULAR FLUIDS ASSOCIATED WITH TRAFFIC THROUGHOUT THE DEVELOPED SITE.

MONTHLY: MOW EMBANKMENT AND CLEAN TRASH AND DEBRIS FROM OUTLET STRUCTURE. ADDRESS ANY ACCUMULATION OF HYDROCARBONS.

ANNUALLY: INSPECT EMBANKMENT AND OUTLET STRUCTURE FOR DAMAGE AND PROPER FLOW. REMOVE WOODY VEGETATION AND FIX ANY ERODING AREAS. MONITOR SEDIMENT ACCUMULATIONS IN FOREBAY AND MAIN POOL.

SEMI-ANNUALLY: INSPECT WETLAND AREAS FOR INVASIVE PLANS

3-7 YEARS: REMOVE SEDIMENT FROM FOREBAYS.

15-20 YEARS: MONITOR SEDIMENT ACCUMULATIONS IN THE MAIN POOL AND CLEAN AS POND BECOMES EUTROPHIC OR POOL VOLUME IS REDUCED SIGNIFICANTLY.

FINAL DETENTION BASIN

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JAC	NJS

SHEET TITLE:
SWPPP GENERAL EROSION CONTROL NOTES AND DETAILS

SHEET NUMBER:
C3.4

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LEGEND

- 830 — EXISTING CONTOURS
- 830 — PROPOSED CONTOURS
- PROPOSED STORM SEWER
- PROPOSED CONSTRUCTION LIMITS
- F — PROPOSED FILTER FABRIC FENCE MEASURE
- PROPOSED INLET PROTECTION
- PROPOSED CONSTRUCTION ENTRANCE

THIS AREA IS TO BE USED FOR VEHICLE FUELING AND MAINTENANCE. AN ABOVE GROUND STORAGE TANK OF LESS THAN 500 GALLONS WILL BE USED AS THE FUEL SOURCE. THIS AREA WILL ALSO BE USED FOR RECEIVING CONCRETE CHUTE AND OTHER CONCRETE WASH WATERS. THIS SHALL NOT OCCUR ON STREET SUBGRADE OR BASE.

SCALE IN FEET
0 10 20 40

WATER QUALITY AND POST CONSTRUCTION STORM WATER MANAGEMENT AND TREATMENT:

THE FIRST 0.90" OF STORMWATER RUNOFF FOR THE SITE WILL BE CONTROLLED VIA FILTRATION (AND SOME INFILTRATION) BY THE GRASSED AREAS IN AND AROUND THE PROPOSED IMPERVIOUS AREAS, GRASSED SWALES, AND GRASSED BOTTOM OF THE DETENTION BASIN. ADDITIONAL POLLUTANTS WILL ALSO SETTLE OUT OVER TIME IN THE DETENTION BASIN.
THE ON-SITE DETENTION BASIN HAS BEEN DESIGNED TO TREAT THE WATER QUALITY VOLUME (WQv) USING A REDUCED SIZED ORIFICE FOR AN OUTLET AS FOLLOWS:
-RELEASE THE RUNOFF FROM A 0.90" RAIN EVENT ON THE SITE DRAINAGE AREA OVER 48 HOURS OR LONGER AND
-THE FIRST HALF OF THE TOTAL VOLUME GENERATED BY THE RUNOFF FROM A 0.90" RAIN EVENT IS RETAINED FOR GREATER THAN 16 HOURS.

POST-CONSTRUCTION STORM WATER MANAGEMENT WATER QUALITY VOLUME FOR DEVELOPMENT USING 0.90 INCHES OF RAIN:
DETENTION BASIN=
WQv=0.69*0.90*1.21/12=2653 CU FT
3136 CU FT PROVIDED TO ELEV. 866.50
THE DETENTION BASIN HAS AN OUTLET WITH A 0.90" DIA. ORIFICE THAT RELEASES APPROX. 30% OF THE WQv AT 16 HOURS AND APPROX. 90% AT 48 HOURS

SEE SEPARATE STORMWATER CALCS. FOR ADDITIONAL DETAILS IF NEEDED

BENCHMARK #1 ELEV. 956.73 MAG NAIL IN POWER POLE ACROSS FROM 521 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705
BENCHMARK #2 ELEV. 959.51 MAG NAIL IN POWER POLE ACROSS FROM 526 ELIZABETH CT ALONG THE WEST SIDE OF ST RT 705
BENCHMARK #3 ELEV. 961.39 CUT BOX WITH X ON LIGHT POLE BASE AT THE NORTHEAST CORNER OF THE EAST SCHOOL PARKING LOT
BENCHMARK #4 ELEV. 964.38 CUT BOX WITH X ON LIGHT POLE BASE BETWEEN THE MAIN DOORS ON THE NORTH SIDE OF THE HIGH SCHOOL

PROP. FILTER FABRIC FENCE (TYP.)
GATE
CONC. PVMT.
EX. CB #12
TOP 957.17
12" N INV 950.92
12" S INV 950.92
EX. ELECTRIC EASEMENT MISC. 20, PG. 248
PROP. BUILDING FF 958.00
EX. CB #11
TOP 957.22
12" N INV 951.47
10" E INV 952.16
12" SW INV 951.47
BRICK COLUMN
EX. CB #9
TOP 957.08
10" N INV 954.61
4" E INV 954.68
PROP. STAGING AND STORAGE AREA
PROP. INLET PROTECTION (TYP.)
ASPHALT PVMT.
PROP. CONSTRUCTION ENTRANCE
EX. CB #7
TOP 957.05
12" NE INV 954.25
18" SE INV 954.38
8" SW INV 954.38
EX. CB #13
TOP 956.69
15" SW INV 954.79
18" NW INV 954.79
EX. CB #30
TOP 959.30
15" S INV 953.75
15" NW INV 953.75
EX. CB #17
TOP 958.92
15" N INV 954.37
15" S INV 954.37
B.M. #4
STATE ROUTE 705
Ex R/W
Ex S/W
Ex U
OHLE
Ex W
Ex G
Ex T
Ex F
Ex E
Ex X3

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ISSUANCES/REVISIONS

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25041.00	JAC	NJS

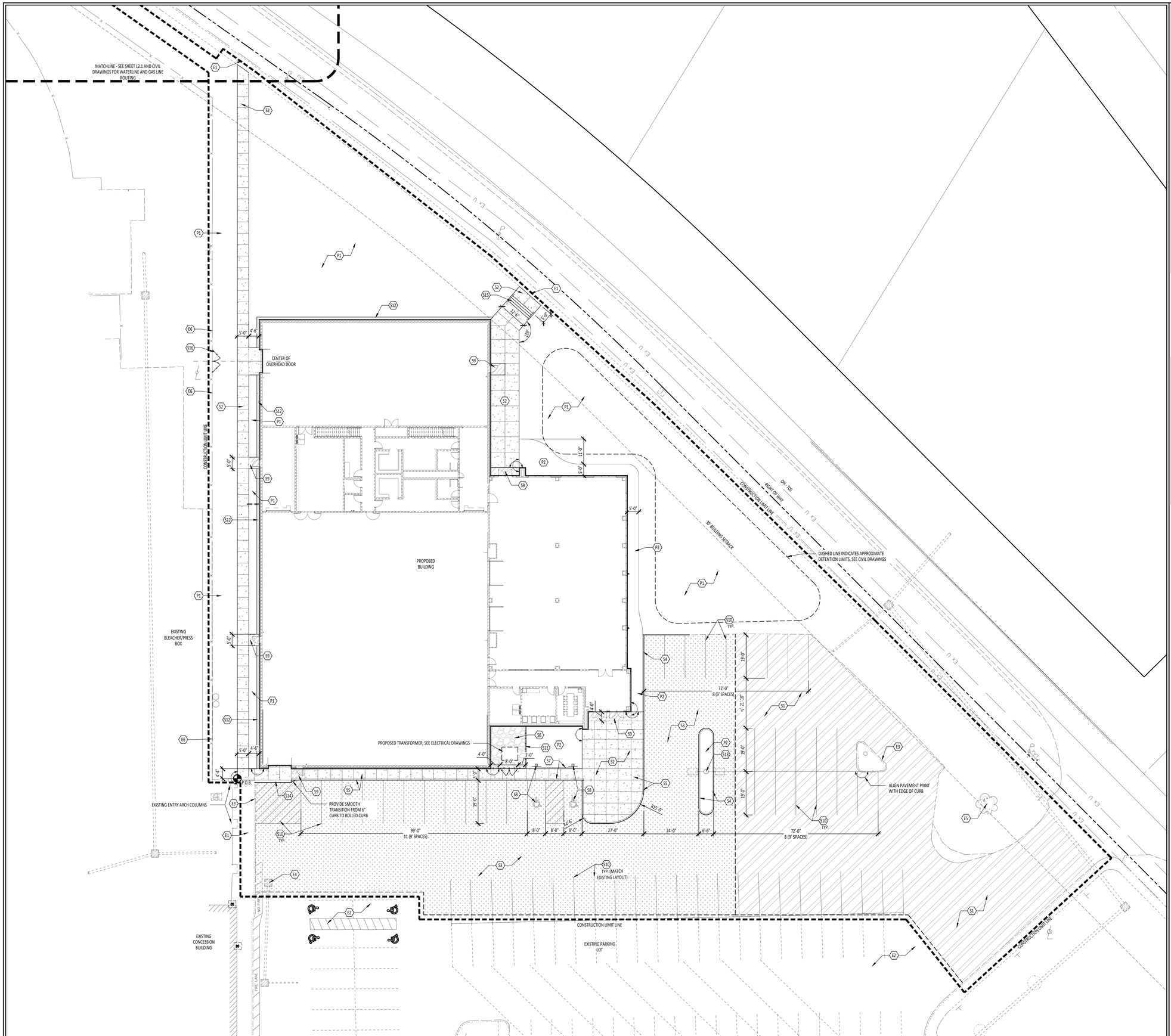
SHEET TITLE:

EROSION CONTROL PLAN SHEET

SHEET NUMBER:

C3.5

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1 L1.1 SITE LAYOUT AND MATERIALS PLAN
1/16" = 1' - 0"

KEYNOTE SCHEDULE

	EXISTING TO REMAIN
E1	EXISTING CONCRETE TO REMAIN
E2	EXISTING ASPHALT TO REMAIN
E3	EXISTING CURB TO REMAIN
E4	EXISTING CATCH BASIN TO REMAIN
E5	EXISTING TREE TO REMAIN
E6	EXISTING FENCE TO REMAIN
	SITE
S1	MIL, FILL AND RE-STRIPE ASPHALT PAVEMENT
S2	CONCRETE PAVEMENT, SEE DETAIL 2/L2.1
S3	HEAVY DUTY ASPHALT PAVEMENT 3/L2.1
S4	FULL DEPTH CONCRETE CURB, SEE DETAIL 4/L2.1
S5	CONCRETE SIDEWALK WITH INTEGRAL CURB, SEE DETAIL 5/L2.1
S6	6" DEPTH, #57 GRAVEL OVER FILTER FABRIC, SEE SPECIFICATIONS
S7	HANDICAP ACCESSIBLE CURB RAMP SEE DETAIL 6/L2.1
S8	HANDICAP ACCESSIBLE PARKING SPACE WITH SIGNAGE, SEE DETAILS 7 & 8/L2.1
S9	CONCRETE ANTI-HEAVE SLAB, COORDINATE WITH STRUCTURAL DRAWINGS
S10	PAVEMENT ARROWS, PAVEMENT MARKINGS AND PAINTED ISLANDS, SEE SPECIFICATIONS
S11	6' HIGH LOUVRE FENCE AND GATE, SEE SPECIFICATIONS
S12	1' GRAVEL MOW STRIP, SEE DETAIL 9/L2.1
S13	LIGHTPOLE, SEE ELECTRICAL DRAWINGS
S14	ROLLED CURB, SEE DETAIL 10/L2.1
S15	CONCRETE STAIR, SEE DETAIL 11/L2.1 AND CIVIL DRAWINGS
S16	12' WIDE DOUBLE LEAF CHAINLINK GATE. FENCE HEIGHT AND MATERIAL TO MATCH EXISTING. PROVIDE ARCHITECT WITH SUBMITTAL FOR REVIEW
	PLANTING
P1	FINE GRADE SEED AND LAWN, SEE SPECIFICATIONS
P2	PLANT BED, SEE SHEET L3.1

LEGEND

- P.O.B. (POINT OF BEGINNING)
- ALIGN
- KEYNOTE DESIGNATION REFER TO NOTES THIS SHEET
- CONTROL JOINT
- CONCRETE PAVEMENT
- STANDARD DUTY CONCRETE
- MILL & FILL ASPHALT PAVING
- GRAVEL PAVEMENT
- CONCRETE ANTI-HEAVE SLAB
- HEAVY DUTY ASPHALT PAVING

GENERAL NOTES

A.	FIELD VERIFY DIMENSIONS & CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
B.	WORK PERFORMED IS SUBJECT TO APPROVAL BY THE ARCHITECT AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
C.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA.
D.	CLOSELY COORDINATE WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
E.	DIMENSIONS ARE TO FACE OF CURB, FENCE, COLUMN OR CENTERLINE UNLESS OTHERWISE NOTED. WALKS SHALL BE CENTERED ON DOOR WAYS.
F.	WALKS SHALL MEET BOTH VERTICALLY AND HORIZONTALLY.
G.	LAYOUT AND DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO ONE ANOTHER UNLESS OTHERWISE INDICATED IN PLANS.
H.	CONTRACTOR SHALL CALL OUPS (800) 362-2764 PRIOR TO COMMENCEMENT OF ANY WORK.
I.	GENERAL CONTRACTOR IS TO MAINTAIN THE SITE WITHIN THE CONSTRUCTION FENCELINE THROUGHOUT CONSTRUCTION IN A CLEAN AND ORDERLY MANNER. MOW GRASS, MAINTAIN PLANT BEDS TO BE FREE OF WEEDS, PICK-UP TRASH, ETC. THE SITE IS TO BE LEFT IN THE SAME OR BETTER CONDITION THAN ORIGINALLY FOUND.

STATE OF OHIO
MATTHEW R. HIBNER
14160552
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #14160552
EXPIRATION DATE: 12/31/2025

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ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MAD	SKE

SHEET TITLE:

SITE LAYOUT AND MATERIALS PLAN

SHEET NUMBER:

L1.1

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- NOTE:

	ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW.

- CHARACTERS

# / NO	NUMBER
° / DEG	DEGREE
Ø / DIA	DIAMETER
□ / SQ	SQUARE
'	FEET
"	INCH
∟	ANGLE
&	AND
@	AT
d	PENNY (NAILS)
=	EQUAL

- MEASUREMENTS

°C	CELCIUS
°F	FAHRENHEIT
AC	ACRES
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CI	CUBIC INCH
CY	CUBIC YARD
Db	DECIBEL
IN	INCH
FT	FEET
HR	HOUR
GAL	GALLONS
GPF	GALLONS PER FLUSH
GPH	GALLONS PER HOUR
KG	KILOGRAM
KW	KILOWATT
KWH	KILOWATT PER HOUR
LB	POUND
LF	LINEAR FOOT
M	METER
MIN	MINUTE
MM	MILLIMETER
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
SI	SQUARE INCH
SY	SQUARE YARD

A

AB	ANCHOR BOLT
AC	AIR CONDITIONING
ACC	ACCESSIBLE
ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADD	ADDITIONAL
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AFP	ACCORDION FOLDING PARTITION
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
ANCH	ANCHOR
ANOD	ANODIZED
AP	ACCESS PANEL
APPD	APPROVED
APPROX	APPROXIMATE
AR	ACID RESISTANT
ARCH	ARCHITECTURAL
ASPH	ASPHALT
AUTO	AUTOMATIC
AV	AUDIO-VISUAL
AWT	ACOUSTICAL WALL TREATMENT

B

BEJ	BRICK EXPANSION JOINT
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM / BENCHMARK
B/O	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BS	BOILER STACK
BSMT	BASEMENT
BT	BOLT
BUR	BUILT-UP ROOF
BYND	BEYOND

C

C	CLOSURE
CAB	CABINET
CAT	CATEGORY
CB	CATCH BASIN
CBD	CHALKBOARD
CBU	CEMENTITOUS BACKER UNIT
CEM	CEMENT
CER	CERAMIC
CG	CORNER GUARD
CH	CABINET HEATER / CEILING HEIGHT
CHNL	CHANNEL
CI	CAST IRON
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMT	CERAMIC MOSAIC TILE
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
COMP	COMPACT
COMPR	COMPRESSIBLE
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINOUS / CONTINUE
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRUGATED / CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CTSK	COUNTER SINK
CTYD	COURTYARD
CW	COLD WATER
CWF	CEMENTITOUS WOOD FIBER

D

D	DEPTH
DA	DISABLED
DBL	DOUBLE
DC	DISPLAY CASE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DL	DEAD LOAD
DMPF	DAMPPROOFING
DMT	DEMOUNTABLE
DN	DOWN
DO	DOOR OPENING
DP	DIMENSION POINT
DPTN	DEMOUNTABLE PARTITION
DR	DOOR
DRN	DRAIN
DS	DOWNSPOUT
DW	DISHWASHER
DWC	DRINKING WATER COOLER
DWG	DRAWING
DWR	DRAWER

E

E	EAST
EA	EACH
EB	EXPANSION BOLT
EF	EACH FACE
EFS	DIRECT APPLIED EXTERIOR FINISH SYSTEM
EFIS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMERG	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
EP	ELCTRICAL PANELBOARD
EMPD	ETHYLENE PROPYLENE DIENE M-CLASS ROOFING
EPX	EPOXY
EQ	EQUAL
EQUIP	EQUIPMENT
ESCAL	ESCALATOR
EW	EACH WAY
EXH	EXHAUST
EX/EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
EXTN	EXTENSION

F

FA	FIRE ALARM
FB	FACE BRICK
FC	FACE
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDV	FIRE DEPARTMENT VALVE
FE	FIRE EXTINGUISHER / FINISH END
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FF&E	FURNITURE, FINISHES & EQUIPMENT
FH	FLAT HEAD
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FLR	FLOOR
FLASH	FLASHING
FLOUR	FLOURESCENT
FM	FILLED METAL
FND	FOUNDATION
F/O	FACE OF
FP	FIRE PROTECTION
FPG	FIREPROOFING
FR	FRAME
FRTW	FIRE RETARDANT TREATED WOOD
FSR	FLEXIBLE SHEET ROOFING
FSSK	FLOOR SERVICE SINK
FTG	FOOTING
FURN	FURNITURE
FURR	FURRING
FWC	FABRIC WALLCOVERING
FWP	FABRIC WALL PANEL
FVC	FIRE VALVE CABINET

G

G / GRD	GROUND
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GFCMU	GROUND-FACED CONCRETE MASONRY UNIT
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRGU	GLASS FIBER REINFORCED GYPSUM UNIT
GL	GLASS
GR	GRADE
GWB	GYPSUM WALLBOARD

H

HB	HOSE BIBB
HC	HOLLOW CORE
HCP	HAN
HDW	HARDWARE
HDWD	HARDWOOD
HGT	HEIGHT
HM	HOLLOW METAL (STEEL FRAME)
HNDRL	HANDRAIL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HRC	HOSE REEL CABINET
HS	HIGH STRENGTH
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HW	HOT WATER
HWY	HIGHWAY
HYDR	HYDRAULIC

I

ID	INSIDE DIAMETER
ILO	IN LIEU OF
INCAND	INCANDESCENT
INCL	INCLUDE
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
IRGWB	IMPACT RESISTANT GYPSUM WALLBOARD

J

JAN	JANITOR
JC	JANITORIAL CLOSET
JST	JOIST
JT	JOINT

K

K	KNURLED
KIT	KITCHEN
KPL	KICK PLATE
KO	KNOCKOUT

L

L	LENGTH
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LDG	LANDING
LKR	LOCKER
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LN	LINE
LPT	LOW POINT
LT	LIGHT
LVR	LOUVER
LW	LONG WAY

M

MACH	MACHINE
MAINT	MAINTENANCE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MARKER BOARD
MBL	MARBLE
MFD	MEDIUM DENSITY FIBERBOARD
MEP	MECHANICAL, ELECTRICAL & PLUMBING
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MOP HANDLE / MAN HOLE
MIN	MINIMUM / MINUTE
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MRGWB	MOISTURE-RESISTANT GYPSUM WALLBOARD
MRT	MORTAR
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION

N

N	NORTH
NA	NOT APPLICABLE
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE

O

OA	OUTSIDE AIR
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OFF	OFFICE
OH	OVERHEAD
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OUTS	OUTSIDE
OVHD	OVERHEAD
OW	OPERABLE WALL

P

P	PAINT
PA	PUBLIC ADDRESS
PAV	PAVING
PARTN	PARTITION
PATD	PAPER TOWEL DISPENSER
PBD	PARTICLEBOARD
PC	PRECAST CONCRETE
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PL	PROPERTY LINE / PLATE
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
POL	POLISHED
PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECT
PS	PROJECTION SCREEN
PSS	PENCIL SHARPENER SUPPORT
PT	PAINT
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE
PV	PAVERS
PVC	POLYVINYL CHLORIDE PIPE
PVMT	PAVEMENT

Q

QT	QUARRY TILE
QTY	QUANTITY

R

R	RADIUS
RA	RETURN AIR
RB	RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
RECOM	RECOMMENDED
RECPT	RECEPTACLE
REF	REFERENCE
REFL	REFLECT
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCE
REM	REMOVABLE
REQD	REQUIRED
RESIL	RESILIENT
REV	REVISION
RFG	ROOFING
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RTD	RATED
RTG	RATING

S

S	SOUTH
SA	SUPPLY AIR
SAN	SANITARY
SC	SOLID CORE
SCWD	SOLID CORE WOOD DOOR
SCHED	SCHEDULE
SD	STORM DRAIN / SMOKE DETECTOR
SECT	SECTION
SEW	SEWER
SFCMU	SPLIT-FACED CONCRETE MASONRY UNIT
SGFT	STRUCTURAL GLAZED FACING TILE
SH	SHOWER
SHT	SHEET
SIM	SIMILAR
SLR	SEALER
SM	SHEET METAL
SND	SANITARY NAPKIN DISPENSER
SPECS	SPECIFICATIONS
SPKR	SPEAKER
SPH	SPRINKLER HEAD
SPR	SPRINKLER
SQ	SQUARE
SS	STAINLESS STEEL
SSE	STRUCTURAL SLAB ELEVATION
SSF	SOLID SURFACE
SSK	SERVICE SINK
ST	STORM / STREET
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STE	SUITE
STL	STEEL
STLIST	STEEL JOIST
STN	STAIN
STOR	STORAGE
STRG	STRINGER
STRUCT	STRUCTURAL
SUBCAT	SUBCATEGORY
SUSP	SUSPENDED
SW	SHORT WAY / SIDEWALK
SYMM	SYMMETRICAL
SYNTH	SYNTHETIC
SYS	SYSTEM

T

T	TREAD / THERMOSTAT
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TA	TOILET ACCESSORY
TB	TOWEL BAR
TEL	TELEPHONE
TEMP	TEMPERATURE
TER	TERRAZZO
THK	THICKNESS
THRES	THRESHOLD
THRU	THROUGH
TKBD	TACKBOARD
TMPD	TEMPERED
T/O	TOP OF
TPD	TOILET PAPER DISPENSER
TS	TRANSITION STRIP
TV	TELEVISION
TYP	TYPICAL
TWS	TACKABLE WALL SURFACE

U

UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATOR
UR	URINAL

V

VAC	VENTILATION AND AIR CONDITIONING
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VIT	VITREOUS
VOL	VOLUME
VR	VAPOR RETARDER
VRB	VENTED RESILIENT BASE
VS	VENT STACK
VT	VINYL (ENHANCED / COMPOSITION) TILE
VWC	VINYL WALL COVERING

W

W	WEST / WIDTH
W/	WITH
W/O	WITHOUT
WA	WARDROBE ACCESSORIES
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WGT	WEIGHT
WH	WATER HEATER
WP	WATERPROOFING
WPM	WATERPROOF MEMBRANE
WR	WATER RESISTANT / REPELLANT
WS	WEATHERSTRIPPING
WSCT	WAINSCOT
WSSK	WALL SERVICE SINK
WT	WINDOW TREATMENT
WVR	WOOD VENEER
WW	WALL TO WALL
WWF	WELDED WIRE FABRIC

Y

YD	YARD / YARD DRAIN

ABBREVIATIONS

GENERAL NOTES

A REFERENCE GENERAL CONSTRUCTION NOTES AND SPECIFICATIONS FOR MORE INFORMATION AND BID ALTERNATES.

B REFERENCE SPECIFICATIONS AND DRAWINGS FOR SPECIAL REQUIREMENTS AND CONDITIONS.

C FINISH FIRST FLOOR ELEVATION INDICATED FOR THE NEW WORK IS 100'-0". REFERENCE SITE DRAWINGS FOR RELATIONSHIP TO U.S.G.S. DATUM. ELEVATIONS OF EXISTING ELEMENTS RELATIVE TO 100'-0" SHALL BE FIELD VERIFIED BY THE CONTRACTOR(S). CONTRACTOR(S) SHALL NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

D THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE WORK IS COMPLETE. CONTRACTOR(S) SHALL DETERMINE THE CONSTRUCTION PROCEDURES AND SEQUENCES AND ENSURE THE INTEGRITY OF THE WORK AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES SHORING, SHEATHING, TEMPORARY ENCLOSURES AND TEMPORARY POSITIVE WATER DRAINAGE FROM THE SITE AND ALL BUILDING ROOFS.

E CONTRACTOR(S) SHALL MAINTAIN ALL LEGAL EGRESS FROM THE WORK TO COMPLY WITH APPLICABLE BUILDING CODES, SAFETY REGULATIONS AND THE DISCRETION OF THE GOVERNING LOCAL BUILDING CODE AUTHORITIES FOR THE HEALTH, SAFETY AND WELFARE OF THE PUBLIC FOR NORMAL ACTIVITIES AND EMERGENCY EGRESS FROM THE WORK. THE CONTRACTOR(S) SHALL FURNISH AND INSTALL ANY TEMPORARY WALLS, DOORS, HARDWARE PARTITIONS, SCREENS, ENCLOSURES AND PEDESTRIAN PROTECTIONS TO MAINTAIN SUCH LEGAL EGRESS.

F CONTRACTOR(S) SHALL VERIFY ALL DIMENSIONS AND CLEARANCES BEFORE PROCEEDING WITH THE WORK. COMMENCEMENT OF THE WORK, BY THE CONTRACTOR(S), CONSTITUTES ACCEPTANCE OF THE EXISTING CONDITIONS. CONTRACTOR(S) SHALL NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

G ALL CIP CONCRETE CURBS AND EQUIPMENT PADS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR THE ASSOCIATED WORK.

H DIFFERENT FLOOR FINISH MATERIALS SHALL MEET UNDER THE CENTERLINE OF THE DOOR IN THE CLOSED POSITION UNLESS NOTED OR DETAILED OTHERWISE.

I FURNISH AND INSTALL FLOOR DRAINS 1/2" BELOW FLOOR PERIMETER. SLOPE FINISH FLOOR TO FLOOR DRAINS. REFERENCE PLUMBING DRAWINGS FOR EXACT LOCATIONS.

J FURNISH AND INSTALL CASING BEAD AT ALL LOCATIONS WHERE GYPSUM WALLBOARD ABUTS DISSIMILAR MATERIALS. TYPICAL UNLESS NOTED OR DETAILED OTHERWISE.

K ALL DIMENSIONS ARE MEASURED TO THE FACE OF MASONRY OR THE FACE OF STUD UNLESS NOTED OR DETAILED OTHERWISE.

L FILL IN ALL MASONRY VOIDS WITH MORTAR OR GROUT WHERE MASONRY ANCHORS OCCUR.

M ALL CMU'S THAT DO NOT LAY OUT IN FULL OR HALF BLOCK LENGTHS SHALL BE BALANCED SUCH THAT PIECES SHALL HAVE NO LESS THAN 4" EXPOSED TO VIEW.

N ALL CMU CORNERS, HORIZONTAL OR VERTICAL, SHALL BE BULLNOSE UNLESS NOTED OR DETAILED OTHERWISE.

O BOTH EXTERIOR AND INTERIOR CMU WORK SHALL BE RUNNING BOND UNLESS NOTED OR DETAILED OTHERWISE.

P SINGLE WYTHE WALLS ARE INDICATED IN ACTUAL DIMENSIONS UNLESS NOTED OR DETAILED OTHERWISE.

Q IF FRAME WIDTH DOES NOT MATCH WALL WIDTH, DOOR AND BORROWED LITE FRAMES SHALL BE INSTALLED TO THE CORRIDOR OR PASSAGE SIDE OF THE WALL UNLESS NOTED OR DETAILED OTHERWISE. NON-CORRIDOR OR NON-PASSAGE FRAMES FROM ROOM TO ROOM SHALL BE FURNISHED AND INSTALLED TO THE SIDE OF THE WALL FACING THE LARGER ROOM. REFERENCE DOOR AND WINDOW DETAILS FOR FRAME LOCATIONS RELATIVE TO THE WALL ONLY. DEDICATED WINDOW FRAMES SHALL BE FURNISHED AND INSTALLED TO THE CENTERLINE OF THE WALL CROSS SECTION.

R INTERIOR FINISHES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE LOCAL BUILDING CODE AUTHORITY HAVING JURISDICTION OVER THE WORK, AS WELL AS ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES AND REGULATIONS.

S REFERENCE FINISH MATERIAL SCHEDULE FOR ALL INTERIOR FINISHES. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

T THE CONTRACTOR(S) SHALL FURNISH AND INSTALL TREATED WOOD BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, ACCESSORIES, HANDRAILS, CASEWORK, ETC. COORDINATE THIS WORK WITH ALL APPROPRIATE CONTRACTORS, SUPPLIERS AND MANUFACTURERS RECOMMENDATIONS. SUCH WOOD BLOCKING SHALL BE FASTENED TO STRUCTURAL MEMBERS AND CMU(S) WITH MINIMUM 1/2" DIAMETER EXPANSION BOLTS AT 48" OC MAXIMUM UNLESS NOTED OR DETAILED OTHERWISE.

U REFERENCE EQUIPMENT PLANS FOR EQUIPMENT MOUNTING HEIGHTS.

V REFERENCE FLOOR PLANS FOR FIRE EXTINGUISHER (FE) AND FIRE EXTINGUISHER CABINET (FEC) LOCATIONS. REFERENCE EQUIPMENT DRAWINGS FOR MOUNTING HEIGHTS.

W THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ELECTRICAL WALL BOXES IN PLAIN-FACE CMU(S), FURNISHED AND INSTALLED BY THE GENERAL TRADES CONTRACTOR, AS OPPOSED TO SPLIT-FACE, SOUND-ABSORBING, OR SOUND-DIFFUSING CMU(S). THE GENERAL TRADES CONTRACTOR SHALL COORDINATE SUCH EXACT LOCATIONS WITH THE ELECTRICAL CONTRACTOR. NOTIFY THE ARCHITECT OF THOSE LOCATIONS BEFORE PROCEEDING WITH THE WORK.

X THE GENERAL TRADES CONTRACTOR IS REQUIRED TO CUT AND PATCH ANY OPENINGS LARGER THAN 8" AS REQUIRED FOR ANY FOOD SERVICE, PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION CONTRACTOR(S) TO FURNISH AND INSTALL THEIR WORK. CUTTING AND PATCHING INCLUDING CUTTING FLOOR AND/OR WALL, EXCAVATING, BACK FILLING, PATCHING AND REPAIR AS REQUIRED TO MATCH EXISTING ADJACENT SURFACE TO ACCEPT NEW FINISH. REFERENCE ENGINEERING DRAWINGS FOR LOCATIONS OF WORK TO BE PERFORMED. THIS INCLUDES ALL AREAS NOT SPECIFICALLY NOTED BUT REQUIRING CUTTING AND PATCHING.

Y REFERENCE CODE PLANS, FLOOR PLANS, REFLECTED CEILING PLANS AND WALL SECTIONS FOR RATED ASSEMBLIES.

Z REFERENCE INTERIOR ELEVATIONS FOR LOCATIONS OF ANY VARYING CMU TYPES WITHIN THE WALLS.

AA OPENINGS IN ROOF FOR ROOFTOP EQUIPMENT SHALL BE CUT BY THE ROOFING CONTRACTOR. THE ASSOCIATED CONTRACTOR SHALL COORDINATE LOCATIONS OF SUCH OPENINGS WITH THE ROOFING CONTRACTOR. EQUIPMENT CURBS ARE TO BE FURNISHED BY THE ASSOCIATE CONTRACTOR AND INSTALLED BY THE ROOFING CONTRACTOR.

BB REFERENCE PLUMBING DRAWINGS FOR ALL VENT STACK LOCATIONS. COORDINATE LOCATIONS OF SUCH PENETRATIONS WITH THE CONTRACTOR(S).

CC REFERENCE MECHANICAL DRAWINGS FOR ALL FLUE LOCATIONS. COORDINATE LOCATIONS OF SUCH PENETRATIONS WITH THE CONTRACTOR(S).

DD THE CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL INSPECT AND CLEAR ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS PRIOR TO THE COMPLETION OF THE WORK AND TO ENSURE THAT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS ARE FREE OF DEBRIS AND ARE FUNCTIONING PROPERLY AT PROJECT COMPLETION.

EE ALL TYPICAL ROOFING DETAILS ARE SHOWN FOR GENERAL INFORMATION. ALL FINAL FLASHING CONDITIONS SHALL MEET THE APPROVAL OF THE ROOFING MANUFACTURER. ALL DETAIL MODIFICATIONS MUST HAVE SHOP DRAWING APPROVAL.

FF INSTALL ALL FLASHING AND APPROPRIATE CRICKETS FOR ALL ROOFTOP PENETRATIONS.

GG ALL TOP OF STEEL AND TOP OF BOND BEAM ELEVATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS ARE FOR COORDINATION PURPOSE ONLY. IN CASE OF DISCREPANCY BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTRACTOR(S) SHALL USE THE ELEVATIONS ON THE STRUCTURAL DRAWINGS AND NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY.

HH CONTRACTOR TO COORDINATE AND MAINTAIN MINIMUM 1'-0" WIDE BY 6'-0" HIGH SPACE ON LATCH SIDE OF ALL DOORS FOR OWNER'S SIGNAGE.

II IN THE EVENT OF INCONSISTENCIES WITHIN OR BETWEEN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY OR GREATER QUALITY OF WORK AND SHALL COMPLY WITH THE STRICTER REQUIREMENTS.

JJ BASIC DEFINITIONS: 'FURNISH' SHALL MEAN TO PURCHASE AND DELIVER PRODUCT TO THE SITE READY FOR INSTALLATION; 'INSTALL' SHALL MEAN TO TAKE FURNISHED PRODUCT AND ASSEMBLE, ERECT, SECURE IN PLACE, CONNECT IN OPERATION AS APPLICABLE; 'PROVIDE' SHALL MEAN TO FURNISH AND INSTALL.

GENERAL NOTES

STATE OF OHIO
MATTHEW R. HIBNER
#1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

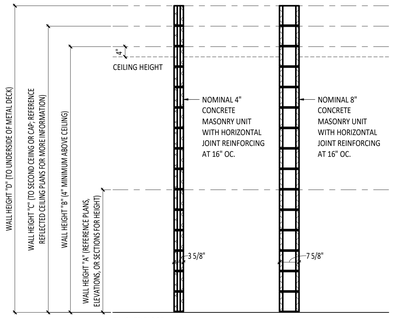
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25041.00	MDB	HEF

SHEET TITLE:
ABBREVIATIONS/ GENERAL NOTES

SHEET NUMBER:
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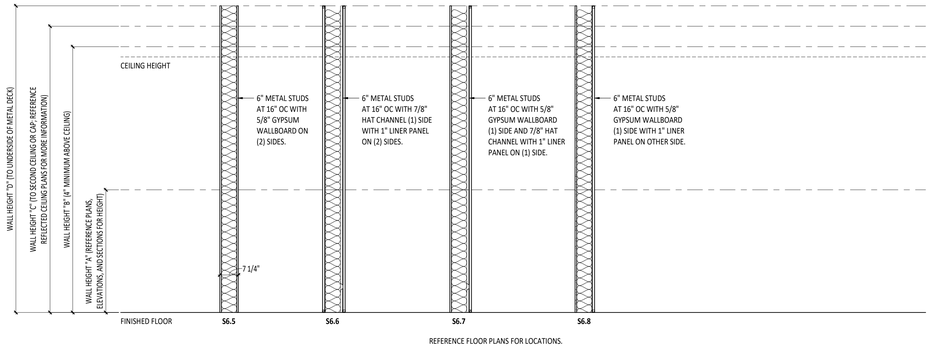
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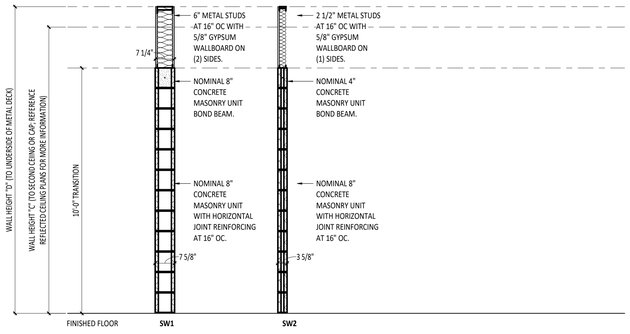
REFERENCE FLOOR PLANS FOR LOCATIONS.

1 / A0.2 CONCRETE MASONRY WALL TYPES (M)
1/2" = 1'-0"



REFERENCE FLOOR PLANS FOR LOCATIONS.

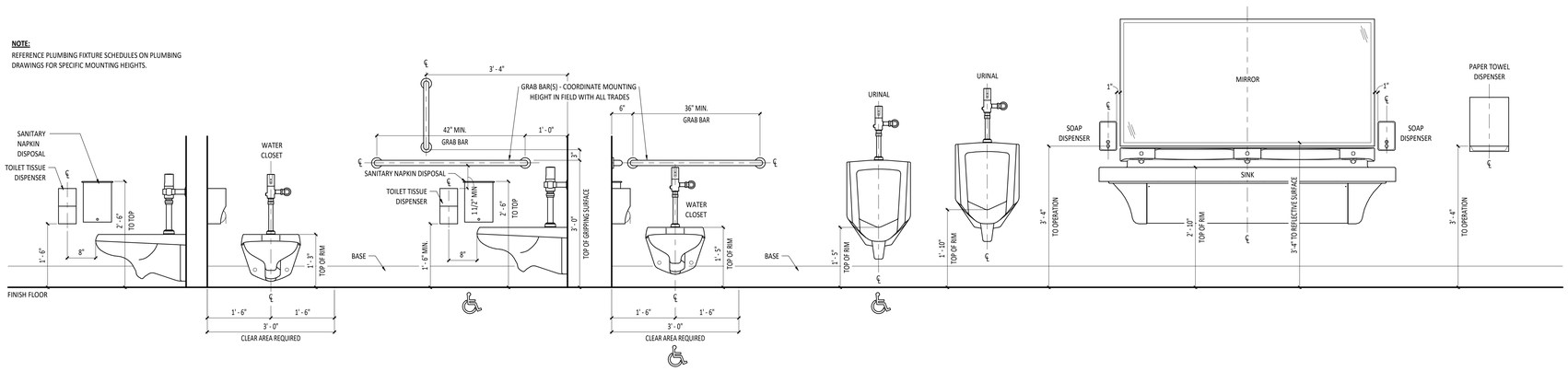
2 / A0.2 STUD WALL TYPES (S)
1/2" = 1'-0"

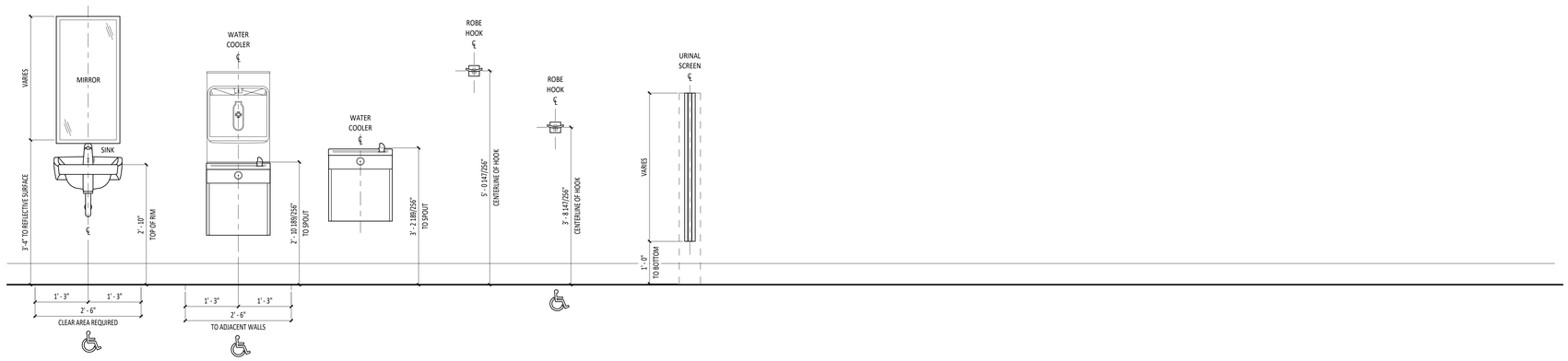


REFERENCE FLOOR PLANS FOR LOCATIONS.

3 / A0.2 STACKED WALL TYPES (SW)
1/2" = 1'-0"

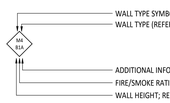
NOTE:
REFERENCE PLUMBING FIXTURE SCHEDULES ON PLUMBING DRAWINGS FOR SPECIFIC MOUNTING HEIGHTS.





4 / A0.2 MOUNTING HEIGHTS (7-ADULT)
3/4" = 1'-0"

WALL TYPE INFORMATION



ADDITIONAL INFORMATION

A = ACOUSTICAL BATT INSULATION
FW = FIRE RATED WALL
FB = FIRE BARRIER WALL
G = GROUT WALL FULL

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT
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LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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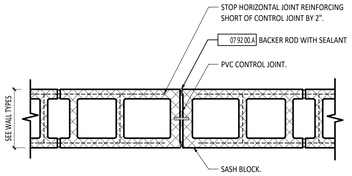
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25041.00	MDB	Checker

SHEET TITLE:
WALL TYPES / MOUNTING HEIGHTS

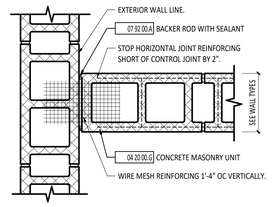
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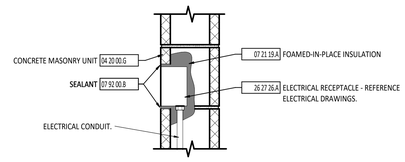
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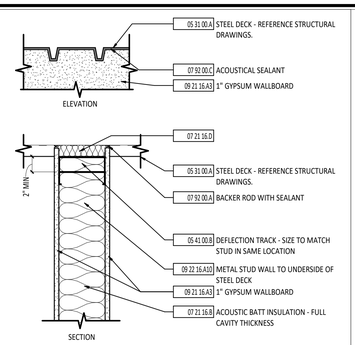
1 A0.3 **TYPICAL CONTROL JOINT**
1 1/2" = 1'-0"

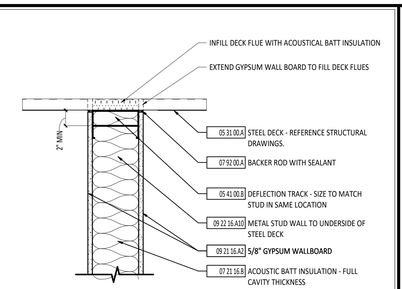


2 A0.3 **CONTROL JOINT - INTERIOR WALL TO EXTERIOR WALL**
1 1/2" = 1'-0"

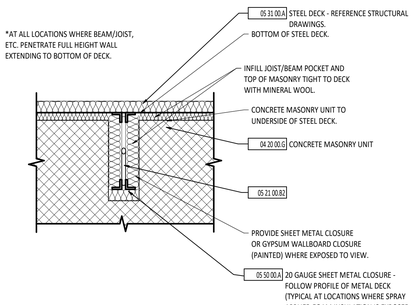


3 A0.3 **ELECTRICAL WALL PENETRATION**
1 1/2" = 1'-0"

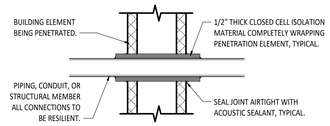




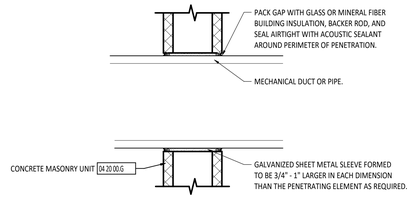
5 A0.3 **WALL TERMINATION - ACOUSTIC**
1 1/2" = 1'-0"



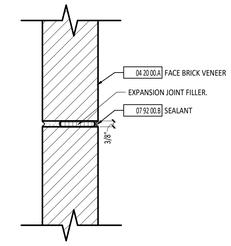
6 A0.3 **WALL TERMINATION - INTERIOR JOIST POCKET**
1 1/2" = 1'-0"



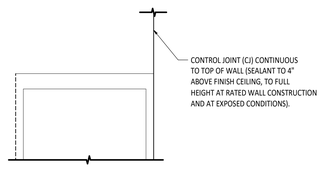
7 A0.3 **PIPE WALL PENETRATION**
1 1/2" = 1'-0"



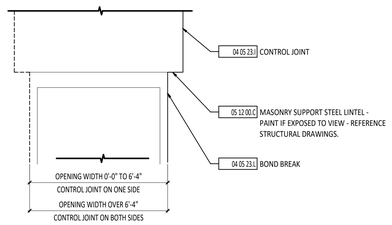
8 A0.3 **MECHANICAL WALL PENETRATION**
1 1/2" = 1'-0"



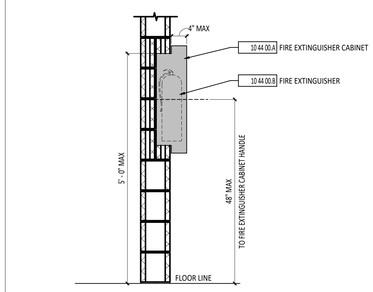
9 A0.3 **BRICK EXPANSION JOINT**
3" = 1'-0"



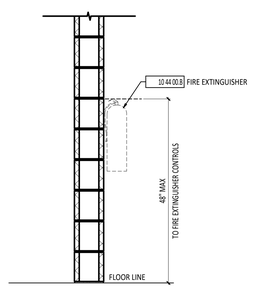
10 A0.3 **TYPICAL CONTROL JOINT PLACEMENT AT METAL STUD/GYPSUM OPENINGS**
3/4" = 1'-0"



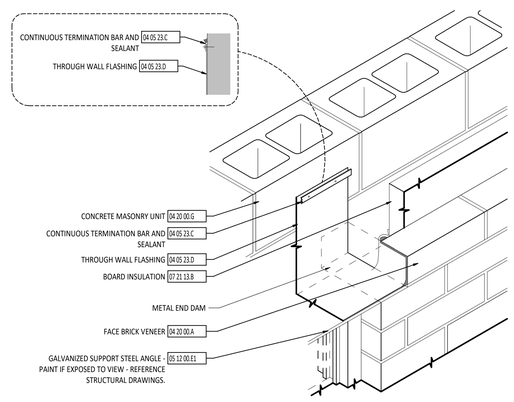
11 A0.3 **TYPICAL CONTROL JOINT PLACEMENT AT MASONRY OPENINGS**
3/4" = 1'-0"



12 A0.3 **FULLY/SEMI-RECESSED FIRE EXTINGUISHER CABINET**
3/4" = 1'-0"



13 A0.3 **SURFACE MOUNT FIRE EXTINGUISHER**
3/4" = 1'-0"



20 A0.3 **END DAM FLASHING DETAIL AT OPENINGS**
1 1/2" = 1'-0"

PRINTED ON: 12/11/2025 2:51:53 PM

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
AKRON, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmhgfn.com

NEW BUILDING FOR:
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

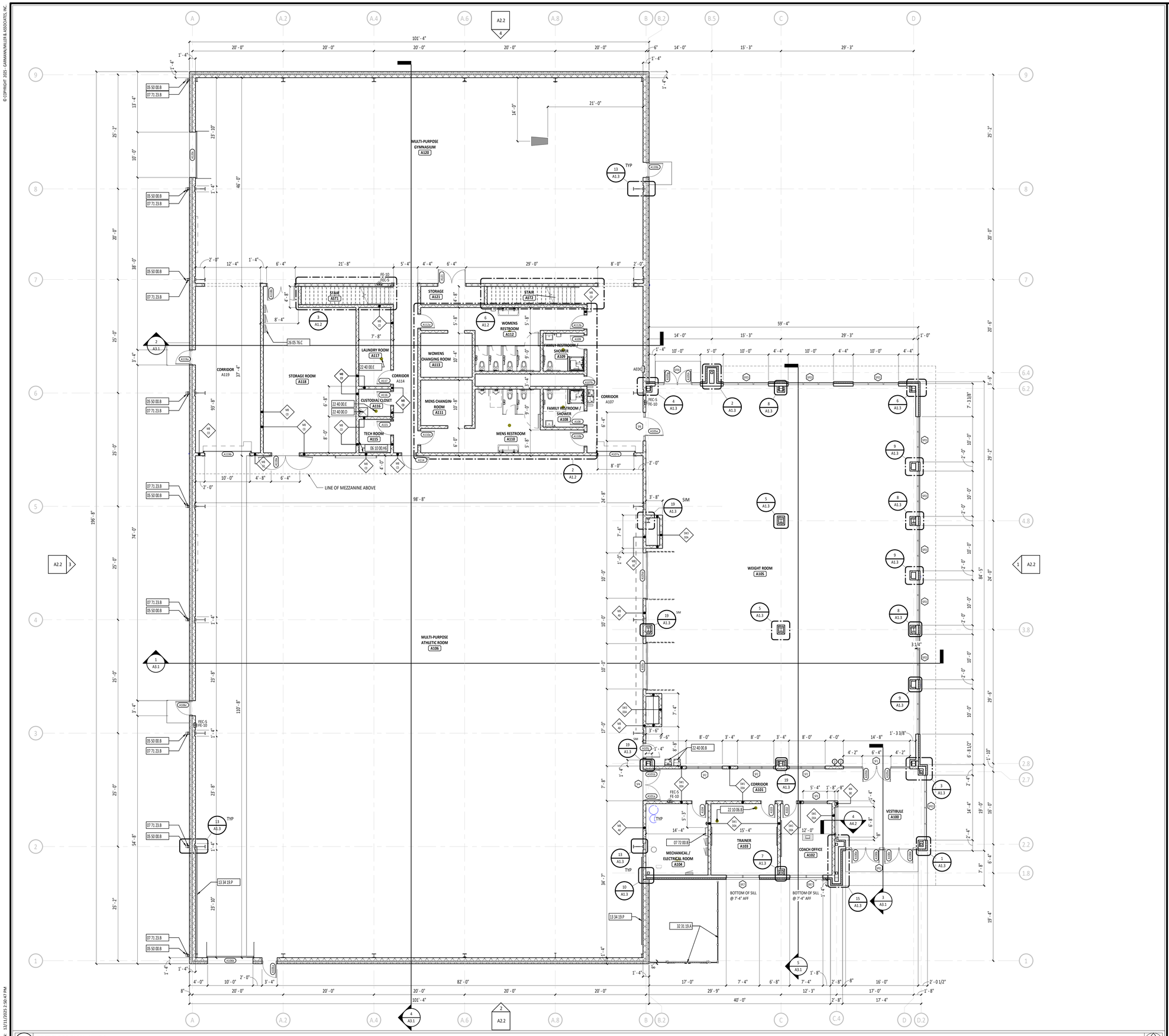
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	Checker

SHEET TITLE:
TYPICAL DETAILS

SHEET NUMBER:
A0.3

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1 A1.1 **FIRST FLOOR PLAN - UNIT A**
1/8" = 1'-0"

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FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A100	VESTIBULE	323 SF	
A101	CORRIDOR	291 SF	
A102	COACH OFFICE	178 SF	1
A103	TRAINER	231 SF	2
A104	MECHANICAL / ELECTRICAL ROOM	215 SF	1
A105	WEIGHT ROOM	4,895 SF	98
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF	219
A107	CORRIDOR	455 SF	
A108	FAMILY RESTROOM / SHOWER	74 SF	
A109	FAMILY RESTROOM / SHOWER	73 SF	
A110	MENS RESTROOM	317 SF	
A111	MENS CHANGING ROOM	114 SF	2
A112	WOMENS RESTROOM	307 SF	
A113	WOMENS CHANGING ROOM	111 SF	2
A114	CORRIDOR	199 SF	
A115	TECH ROOM	52 SF	0
A116	CUSTODIAL CLOSET	42 SF	0
A117	LAUNDRY ROOM	122 SF	0
A118	STORAGE ROOM	689 SF	2
A119	CORRIDOR	529 SF	
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF	90
A121	STORAGE	51 SF	0
AST1	STAIR	82 SF	
AST2	STAIR	89 SF	

FLOOR PLAN SYMBOLS LEGEND

- AED — AUTOMATED EXTERNAL DEFIBRILLATOR DESIGNATION
- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- FE-_ — FIRE EXTINGUISHER DESIGNATION - REFERENCE SPECIFICATIONS
- FEC-_ — FIRE EXTINGUISHER CABINET DESIGNATION - REFERENCE SPECIFICATIONS
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- XX — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- XX / XXX — WALL TYPE DESIGNATION - REFERENCE WALL TYPES.
- X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.X.X — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION
- AREA OF DETAIL — X / XX.X — SIM — CALLOUT — DETAIL NUMBER / SHEET NUMBER
- EXTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER
- INTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER
- SECTION — SIM — DETAIL NUMBER / SHEET NUMBER

FIRE EXTINGUISHER / CABINET SCHEDULE

MARK	DESCRIPTION	NOTES
FE-10	FIRE EXTINGUISHER - 10.0LB - CLASS A:B:C	1
FEC-R	FULLY RECESSED FIRE EXTINGUISHER CABINET	1
FEC-S	SEMI-RECESSED FIRE EXTINGUISHER CABINET	1

FIRE EXTINGUISHER / CABINET NOTES:
1. FURNISHED AND INSTALLED BY GC

#	KEYNOTE DESCRIPTION
05 50 00.B	PRIME PAINTED CAST IRON DOWNSPOUT BOOT - PAINT TO MATCH DOWNSPOUT.
06 10 00.H6	3/4" FIRE-RETARDANT PLYWOOD - 4'-0" x 8'-0" MOUNTED 8" AFF - PAINT.
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 72 00.B	ROOF HATCH
13 34 19.P	CROSS BRACING BY P.E.M.B. MANUFACTURER
22 10 06.B	FLOOR DRAIN - REFERENCE PLUMBING DRAWINGS.
22 40 00.B	DRINKING WATER COOLER - REFERENCE PLUMBING DRAWINGS - REFERENCE A0.2 FOR MOUNTING HEIGHTS.
22 40 00.D	FLOOR SERVICE SINK - REFERENCE PLUMBING DRAWINGS.
22 40 00.E	FLOOR DRAIN - REFERENCE PLUMBING DRAWINGS.
26 05 76.C	ELECTRICAL EQUIPMENT - REFERENCE ELECTRICAL DRAWINGS.
32 31 19.A	DECORATIVE METAL FENCE AND GATE - REFERENCE SITE DRAWINGS.

STATE OF OHIO — MATTHEW R. HIBNER — 1416052 — REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
ARCHITECTS, CHRO | COLUMBUS, CHRO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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NEW BUILDING FOR
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600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

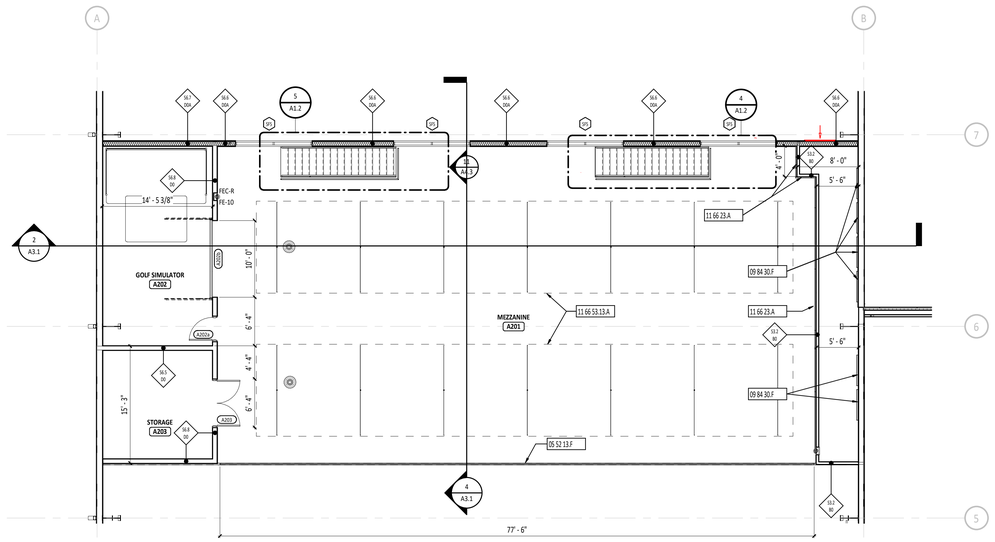
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	Checker

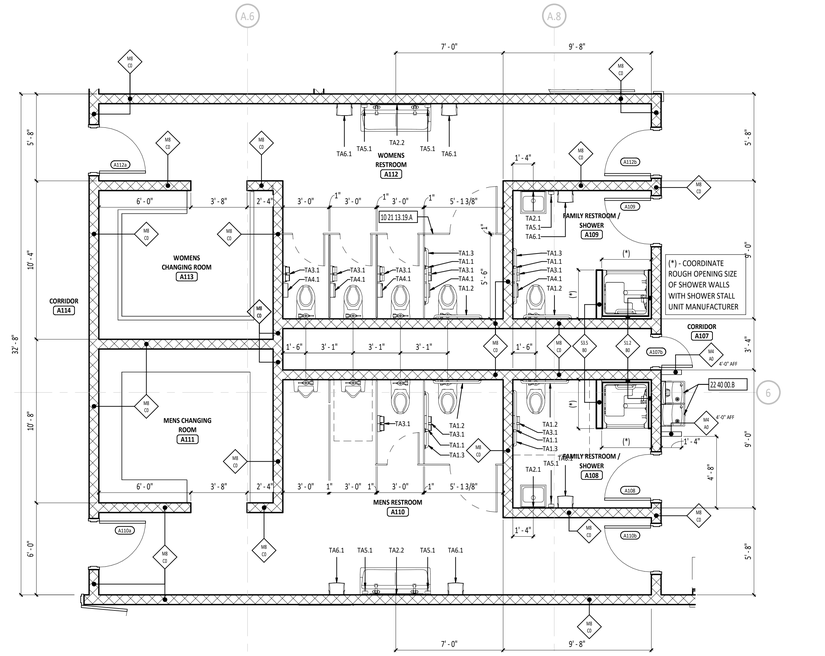
SHEET TITLE:
FIRST FLOOR PLAN

SHEET NUMBER:
A1.1

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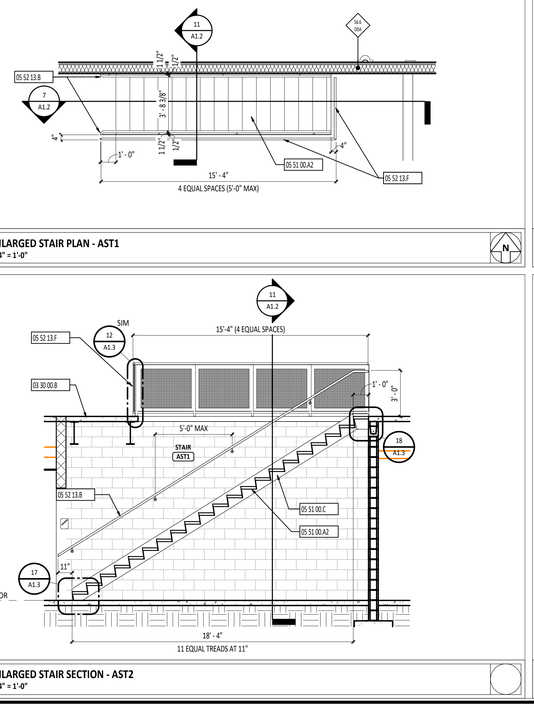
1 / A1.2 MEZZANINE FLOOR PLAN
1/8" = 1'-0"



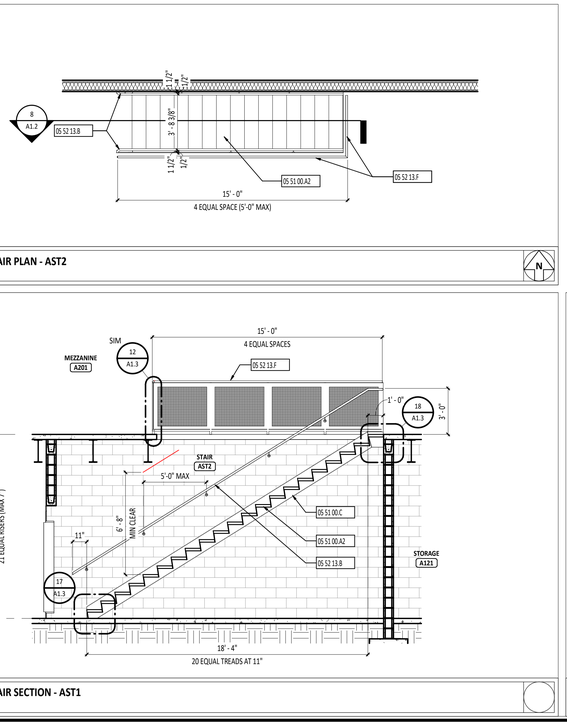
2 / A1.2 ENLARGED RESTROOM PLAN
1/4" = 1'-0"

3 / A1.2 ENLARGED STAIR PLAN - AST1
1/4" = 1'-0"

6 / A1.2 ENLARGED STAIR PLAN - AST2
1/4" = 1'-0"



5 / A1.2 ENLARGED STAIR PLAN - AST1
1/4" = 1'-0"



4 / A1.2 ENLARGED STAIR PLAN - AST2
1/4" = 1'-0"

7 / A1.2 ENLARGED STAIR SECTION - AST2
1/4" = 1'-0"

8 / A1.2 ENLARGED STAIR SECTION - AST1
1/4" = 1'-0"

11 / A1.2 ENLARGED STAIR SECTION - AST2
1/4" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A100	VESTIBULE	323 SF	
A101	CORRIDOR	291 SF	
A102	COACH OFFICE	178 SF	1
A103	TRAINER	231 SF	2
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A105	WEIGHT ROOM	4,895 SF	98
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A114	CORRIDOR	199 SF	
A115	TECH ROOM	52 SF	0
A116	CUSTODIAL CLOSET	42 SF	0
A117	LAUNDRY ROOM	122 SF	0
A118	STORAGE ROOM	689 SF	2
A119	CORRIDOR	529 SF	
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF	90
A121	STORAGE	51 SF	0
AST1	STAIR	82 SF	
AST2	STAIR	89 SF	

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	NOTES
TA1.1	GRAB BAR - SURFACE MOUNT - VERTICAL - 18" LENGTH - 39" AFF TO BOTTOM OF THE BAR	2
TA1.2	GRAB BAR - SURFACE MOUNT - HORIZONTAL - 36" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE	2
TA1.3	GRAB BAR - SURFACE MOUNT - HORIZONTAL - 42" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE	2
TA2.1	MIRROR - SURFACE MOUNT - 18" X 36" - 40" AFF TO BOTTOM EDGE	2
TA2.2	MIRROR - SURFACE MOUNT - 42" x 36" - 36" AFF TO BOTTOM EDGE	2
TA3.1	TOILET PAPER DISPENSER - SURFACE MOUNT - 18" AFF TO BOTTOM	1
TA4.1	SANITARY NAPKIN DISPOSAL - SURFACE MOUNT - 30" AFF TO TOP	2
TA5.1	SOAP DISPENSER - SURFACE MOUNT - 40" AFF TO OPERATION	1
TA6.1	PAPER TOWEL DISPENSER - SURFACE MOUNT - ROLL TOWELS - 40" AFF TO OPERATION	1

TOILET ACCESSORY SCHEDULE NOTES:
1. PROVIDED BY OWNER AND INSTALLED BY OWNER - SHOWN FOR LOCATION ONLY
2. PROVIDED AND INSTALLED BY GENERAL CONTRACTOR

FLOOR PLAN SYMBOLS LEGEND

- AED — AUTOMATED EXTERNAL DEFIBRILLATOR DESIGNATION
- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- FE-_ — FIRE EXTINGUISHER DESIGNATION - REFERENCE SPECIFICATIONS
- FEC-_ — FIRE EXTINGUISHER CABINET DESIGNATION - REFERENCE SPECIFICATIONS
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- W1 — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- W — WALL TYPE DESIGNATION - REFERENCE WALL TYPES.
- X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - XX XX XX.XX — KEYNOTE DESIGNATION / SPECIFICATION SECTION
- CALLOUT — SIM — X / XX.X — DETAIL NUMBER / SHEET NUMBER — AREA OF DETAIL
- EXTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER
- INTERIOR ELEVATION — DETAIL NUMBER / SHEET NUMBER
- SECTION — SIM — DETAIL NUMBER / SHEET NUMBER

FIRE EXTINGUISHER / CABINET SCHEDULE

MARK	DESCRIPTION	NOTES
FE-10	FIRE EXTINGUISHER - 10.0LB - CLASS A:B:C	1
FEC-R	FULLY RECESSED FIRE EXTINGUISHER CABINET	1
FEC-S	SEMI-RECESSED FIRE EXTINGUISHER CABINET	1

FIRE EXTINGUISHER / CABINET NOTES:
1. FURNISHED AND INSTALLED BY GC

#	KEYNOTE DESCRIPTION
03 30 00.A	CONCRETE FOOTING - REFERENCE STRUCTURAL DRAWINGS.
03 30 00.B	CONCRETE SLAB ON METAL DECK - REFERENCE STRUCTURAL DRAWINGS.
05 51 00.A2	CONCRETE FILLED METAL PAN STAIR WITH RUBBER TREAD AND INTEGRATED RISER - PAINT ALL EXPOSED SURFACES.
05 51 00.C	STAIR STRINGER - PAINT EXPOSED FACES.
05 52 13.B	1 1/4" ID (1.66 OD) STEEL PIPE HANDRAIL WITH SUPPORT BRACKET - PAINT.
05 52 13.F	FIXED PIPE RAILING WITH WIRE MESH METAL SCREEN - PAINT.
09 84 30.F	SOUND-ABSORBING WALL UNIT - REFERENCE FINISH MATERIAL SCHEDULE.
10 21 13.19.A	PLASTIC TOILET COMPARTMENT
11 66 23.A	GYMNASIUM EQUIPMENT - REFERENCE ATHLETIC EQUIPMENT SCHEDULE.
11 66 53.13.A	BATTING CAGE
22 40 00.B	DRINKING WATER COOLER - REFERENCE PLUMBING DRAWINGS - REFERENCE A0.2 FOR MOUNTING HEIGHTS.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
601 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

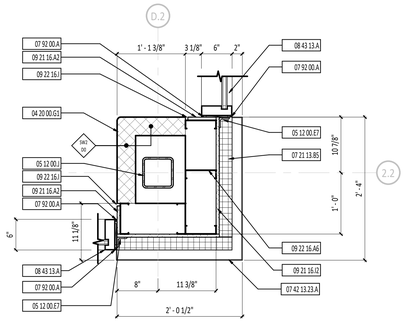
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25041.00	MDB	Checker

SHEET TITLE:
MEZZANINE AND ENLARGED RESTROOM PLANS

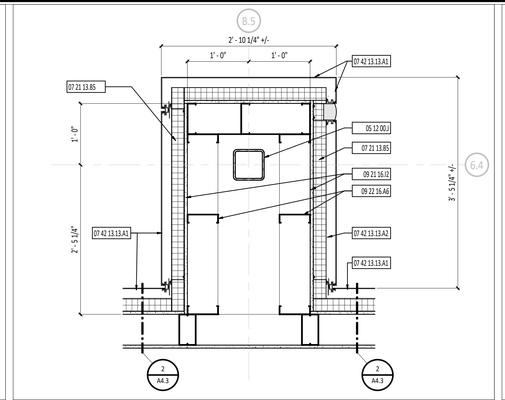
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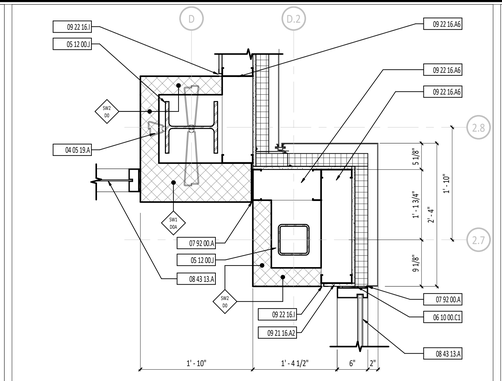
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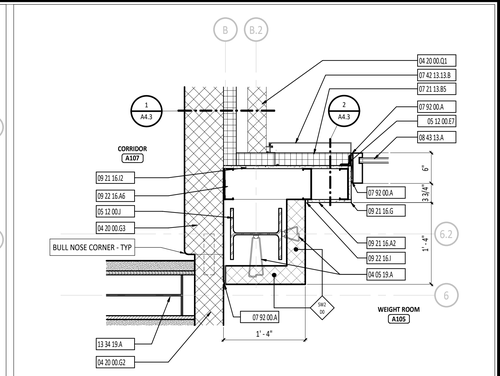
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1" = 1'-0"



2 A1.3 ENLARGED COLUMN DETAIL
1" = 1'-0"



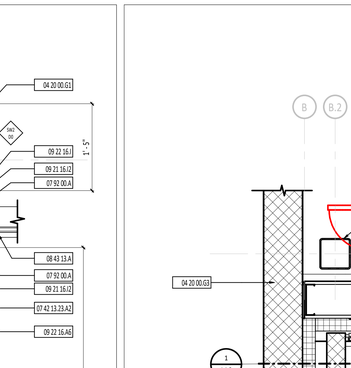
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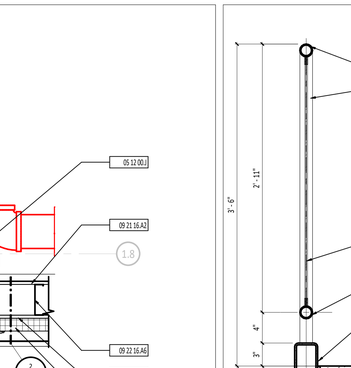
4 A1.3 ENLARGED COLUMN DETAIL
1" = 1'-0"

#	KEYNOTE DESCRIPTION
03 30 00.C	CONCRETE SLAB - REFERENCE STRUCTURAL DRAWINGS.
04 05 19.A	VENEER ANCHOR TIES
04 05 19.B	HORIZONTAL JOINT REINFORCING AT 16" OC
04 05 23.I	CONTROL JOINT
04 20 00.G	CONCRETE MASONRY UNIT
04 20 00.G1	NOMINAL 4" CONCRETE MASONRY UNIT
04 20 00.G2	NOMINAL 6" CONCRETE MASONRY UNIT
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
05 12 00.E7	L2" X 2" X 1/4" GALVANIZED SUPPORT STEEL ANGLE - SUPPORT WITH 1/4" DIA. ANCHOR BOLTS EVERY 24" OC
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 12 13.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL - PAINT - REFERENCE STRUCTURAL DRAWINGS.
05 51 00.A	CONCRETE FILLED METAL PAN STAIR
05 51 00.A2	CONCRETE FILLED METAL PAN STAIR WITH RUBBER TREAD AND INTEGRATED RISER - PAINT ALL EXPOSED SURFACES.
05 51 00.C	STAIR STRINGER - PAINT EXPOSED FACES.
05 51 00.C1	MC12X10.6 CHANNEL STAIR STRINGER - PAIN.
05 51 00.E1	3"X3"X1/4" CLIP ANGLE AT EACH STRINGER 0 WELD TO STRINGER AND BOLT TO CONCRETE FLOOR WITH (2) 3/8" DIAMETER EXPANSION BOLTS.
05 51 00.E2	1 1/4"X1 1/4"X1/8" ANGLE SUPPORT - PAINT.
05 52 13.B	1 1/4" ID (1.66 OD) STEEL PIPE HANDRAIL WITH SUPPORT BRACKET - PAINT.
05 52 13.C	1 1/4" ID (1.66" OD) STEEL PIPE - PAINT.
05 52 13.D	1 1/4" ID (1.66" OD) VERTICAL STEEL PIPE - MAX 5'-0" OC - PAINT.
05 52 13.E	2" X 2" WIRE MESH SCREEN WITH CONTINUOUS U-CLOSURES AT RAILING SYSTEM - PAINT.
05 52 13.I	2" X 2" WIRE MESH SCREEN WITH CONTINUOUS U-CLOSURES AT RAILING SYSTEM - PAINT.
06 10 00.A	WOOD SHIM
06 10 00.C1	PRESERVATIVE TREATED WOOD SHIM - FOAMED-IN-PLACE INSULATION BETWEEN SHIMS
07 21 13.B5	2-1/2" BOARD INSULATION
07 42 13.13.A1	PREFINISHED FORMED HORIZONTAL METAL PANEL - SHIM PANELS PLUMB - COLOR 1
07 42 13.13.A2	PREFINISHED FORMED HORIZONTAL METAL PANEL - SHIM PANELS PLUMB - COLOR 2
07 42 13.13.B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB
07 42 13.23.A	METAL COMPOSITE MATERIAL WALL PANEL
07 42 13.23.A1	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 1
07 42 13.23.A2	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 2
07 92 00.A	BACKER ROD WITH SEALANT
07 92 00.B	SEALANT
08 43 13.A	ALUMINUM STOREFRONT WINDOW SYSTEM
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 21 16.G	METAL CORNER BEAD (TYPICAL AT ALL CORNERS)
09 21 16.I2	5/8" EXTERIOR GYPSUM SHEATHING BOARD
09 22 16.A6	6" METAL STUDS AT 16" OC
09 22 16.I	GYPSUM WALL BOARD FRY REGLET
09 65 13.D	RESILIENT TRANSITION STRIP RTS?- REFERENCE FINISH MATERIAL SCHEDULE.
11 66 23.A	GYMNASIUM EQUIPMENT - REFERENCE ATHLETIC EQUIPMENT SCHEDULE.
13 34 19.A	PRE-ENGINEERED METAL BUILDING SYSTEM

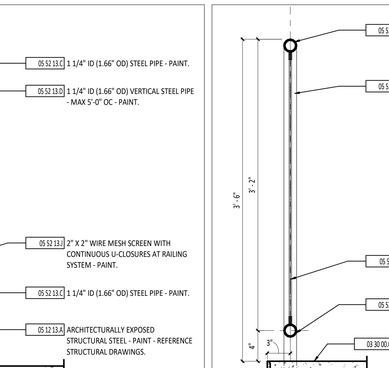
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1" = 1'-0"



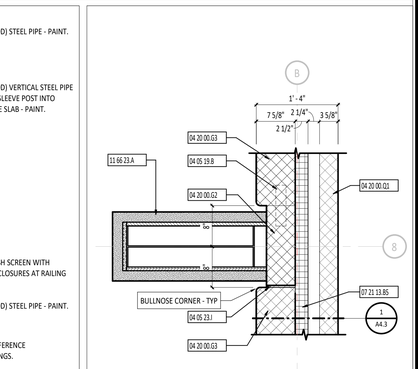
6 A1.3 ENLARGED COLUMN DETAIL
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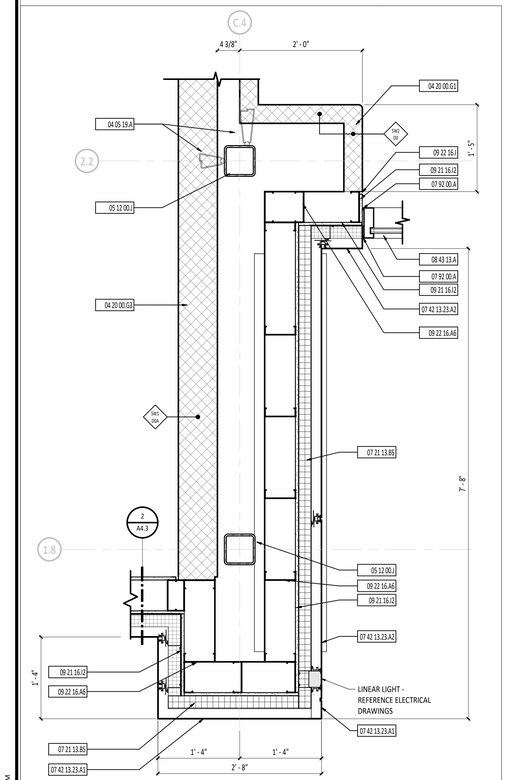
7 A1.3 ENLARGED COLUMN DETAIL
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8 A1.3 ENLARGED COLUMN DETAIL
1" = 1'-0"

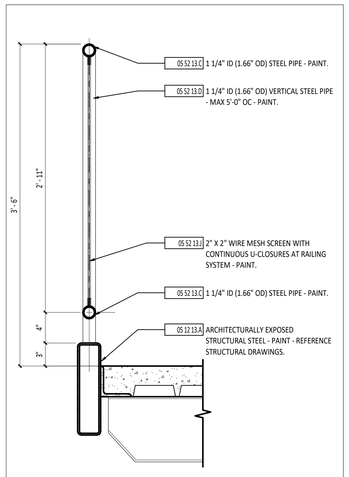


9 A1.3 ENLARGED COLUMN DETAIL
1" = 1'-0"

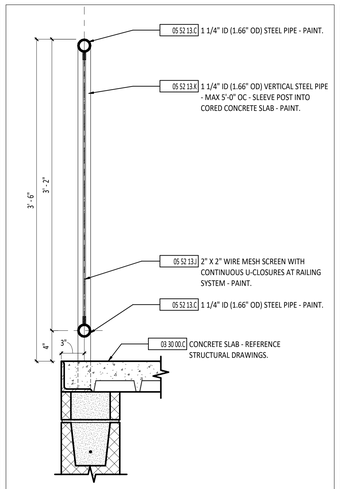


15 A1.3 ENLARGED COLUMN DETAIL
1" = 1'-0"

10 A1.3 ENLARGED COLUMN DETAIL
1" = 1'-0"

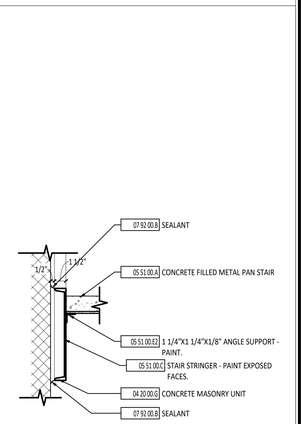


11 A1.3 GUARDRAIL DETAIL
1 1/2" = 1'-0"

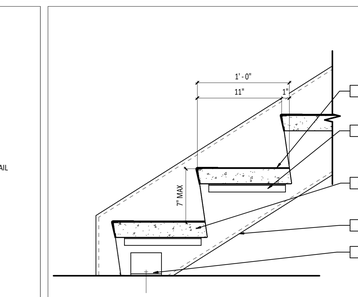


12 A1.3 GUARDRAIL DETAIL
1 1/2" = 1'-0"

13 A1.3 ENLARGED COLUMN DETAIL
1" = 1'-0"

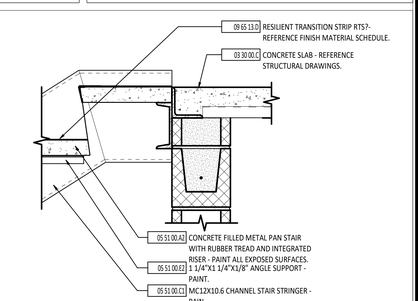


14 A1.3 STRINGER DETAIL - PAN TREAD
1 1/2" = 1'-0"

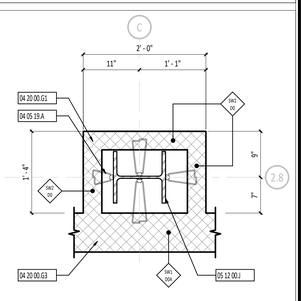


16 A1.3 METAL HANDRAIL - WALL CONNECTION
3" = 1'-0"

17 A1.3 STAIR AT BASE - PAN STAIR
1 1/2" = 1'-0"



18 A1.3 STAIR AT BASE - PAN STAIR
1 1/2" = 1'-0"



19 A1.3 Detail 3
1" = 1'-0"

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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mmdesign.com

NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	Author	Checker

SHEET TITLE:

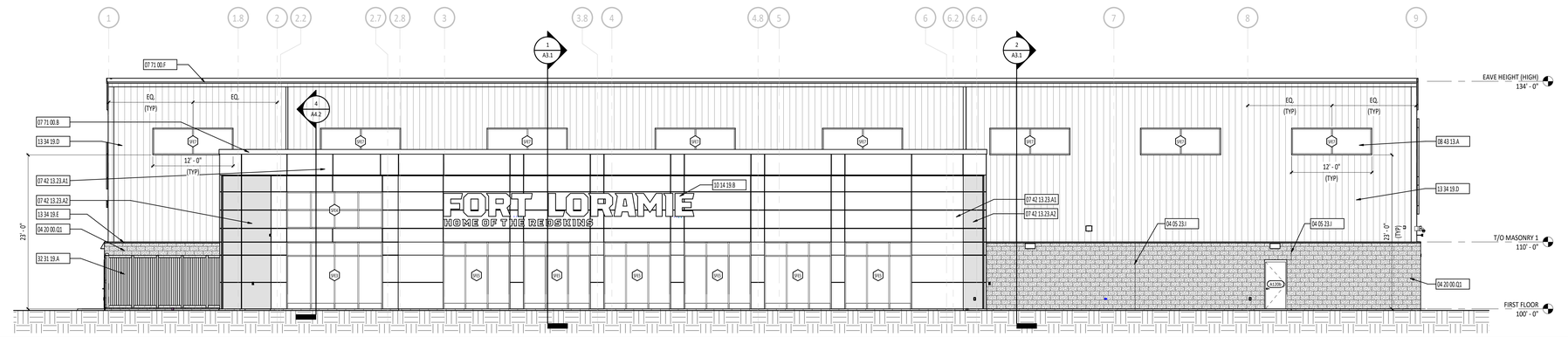
ENLARGED COLUMN, PLAN AND STAIR DETAILS

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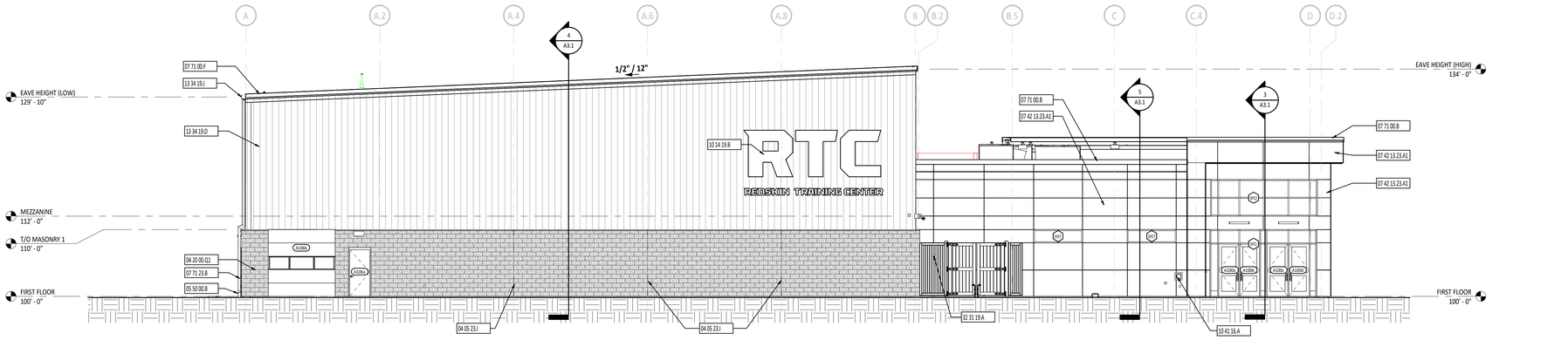
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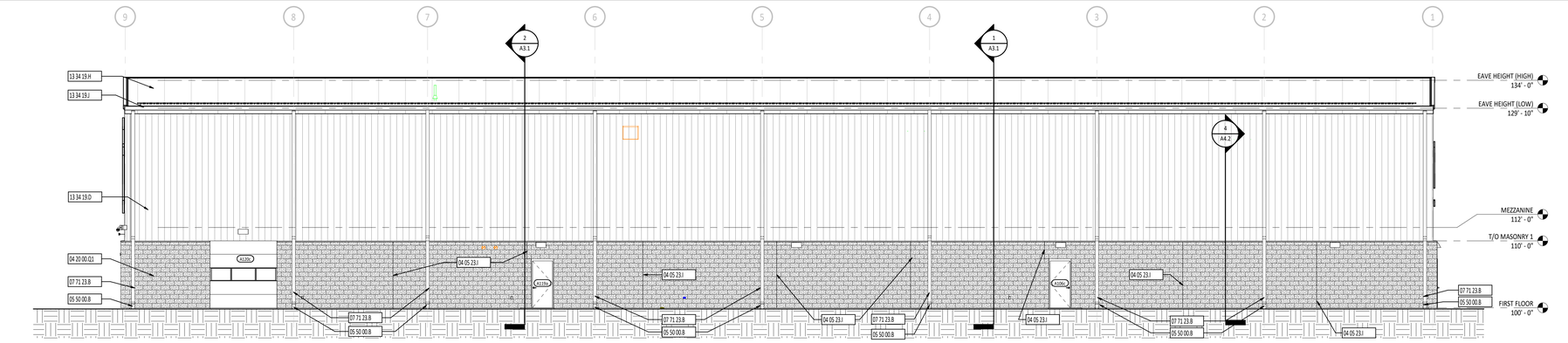
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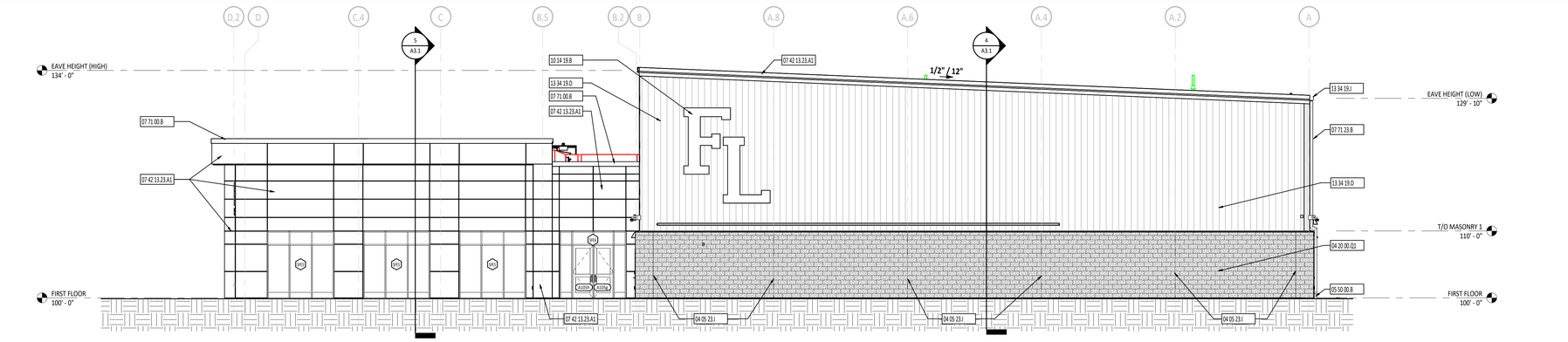
1 / A2.1 EAST BUILDING ELEVATION
1/8" = 1'-0"



2 / A2.1 SOUTH BUILDING ELEVATION
1/8" = 1'-0"



3 / A2.1 WEST BUILDING ELEVATION
1/8" = 1'-0"



4 / A2.1 NORTH BUILDING ELEVATION
1/8" = 1'-0"

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EXTERIOR ELEVATION GENERAL NOTES

A PROVIDE CONTROL JOINTS AND EXPANSION JOINTS AT BUILDING INSIDE CORNERS AND AT CONCRETE MASONRY UNIT VENEER AND BRICK VENEER MATERIAL CHANGES.

EXTERIOR ELEVATION SYMBOLS LEGEND

- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- SIGNAGE DESIGNATION - REFERENCE SIGNAGE DETAILS.
- CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL ELEVATION — LEVEL LINE
- STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - XX XX XX.XX
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION
- CALLOUT (AREA OF DETAIL; X; XX.X; SIM)
  - DETAIL NUMBER
  - SHEET NUMBER
- SECTION (X; XX.X; SIM)
  - DETAIL NUMBER
  - SHEET NUMBER

#	KEYNOTE DESCRIPTION
04 05 23.I	CONTROL JOINT
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
05 50 00.B	PRIME PAINTED CAST IRON DOWNSPOUT BOOT - PAINT TO MATCH DOWNSPOUT.
07 42 13.23.A1	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 1
07 42 13.23.A2	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 2
07 71 00.B	PREFINISHED COPING WITH ANCHORAGES
07 71 00.F	PREFINISHED ALUMINUM ARCHITECTURAL FASCIA
07 71 23.B	PREFINISHED METAL DOWNSPOUT
08 43 13.A	ALUMINUM STOREFRONT WINDOW SYSTEM
10 14 19.B	EXTERIOR BUILDING SIGNAGE - REFERENCE A12 SHEETS
10 41 16.A	KNOX BOX - TOP TO BE MOUNTED AT 52" AFF
13 34 19.D	FORMED METAL PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.E	PREFINISHED TWO-PIECE METAL WALL CAP - MAINTAIN POSITIVE SLOPE
13 34 19.H	4" INSULATED METAL ROOF PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.J	6" PREFINISHED GUTTER PROVIDED BY P.E.M.B. MANUFACTURER
32 31 19.A	DECORATIVE METAL FENCE AND GATE - REFERENCE SITE DRAWINGS.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MIAMITOWN, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

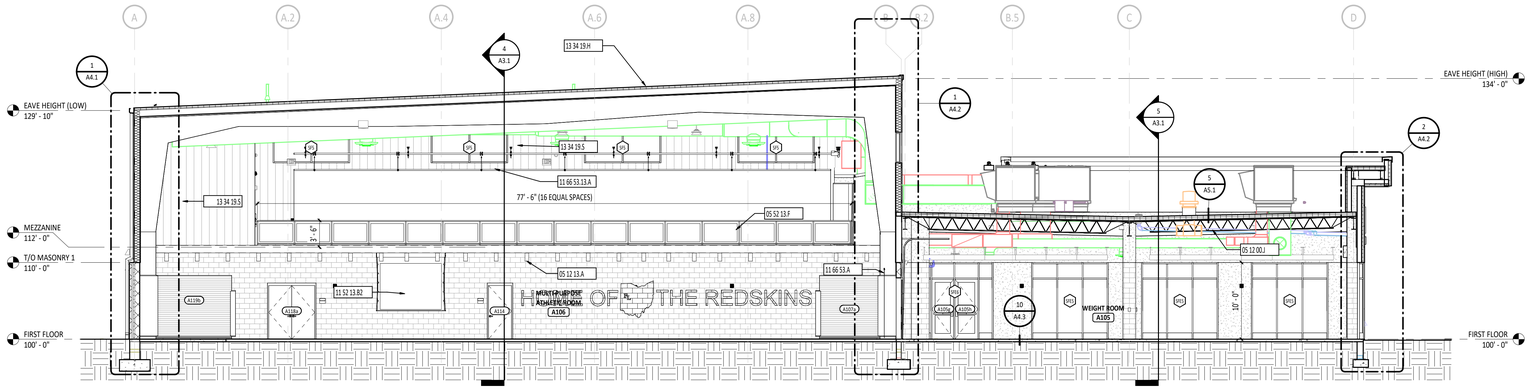
	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	Checker

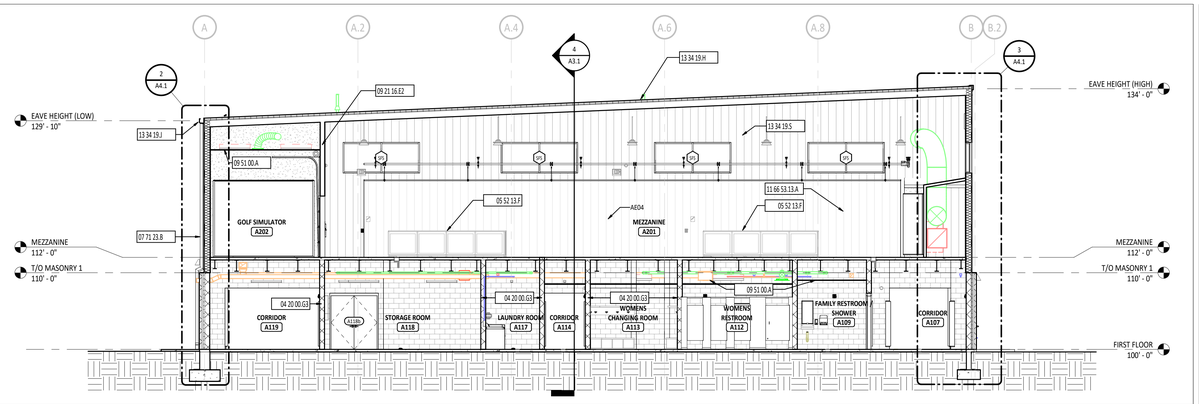
SHEET TITLE:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A2.1

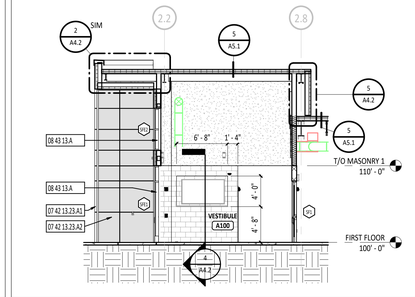
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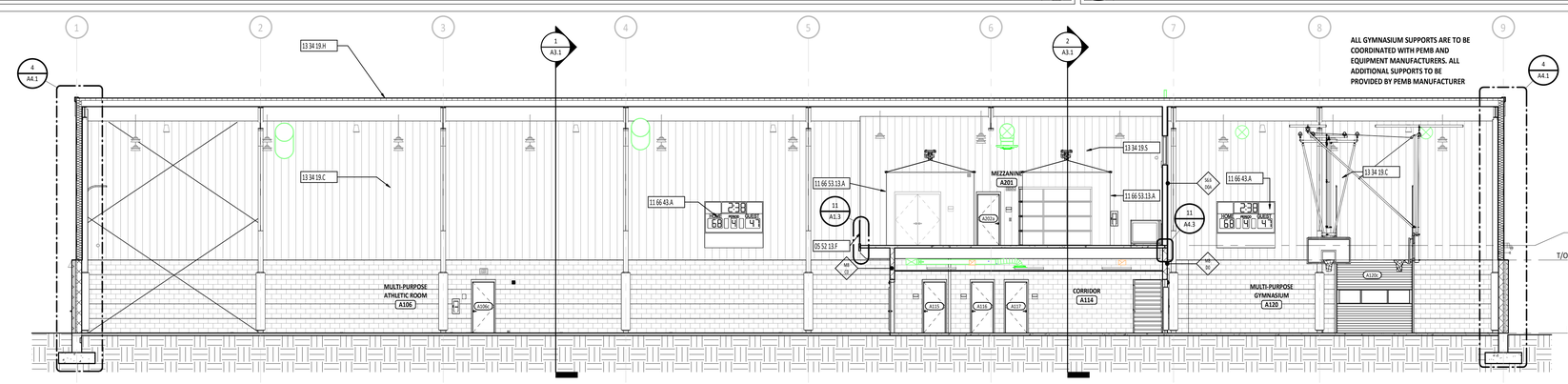
1 A3.1 BUILDING SECTION
1/8" = 1'-0"



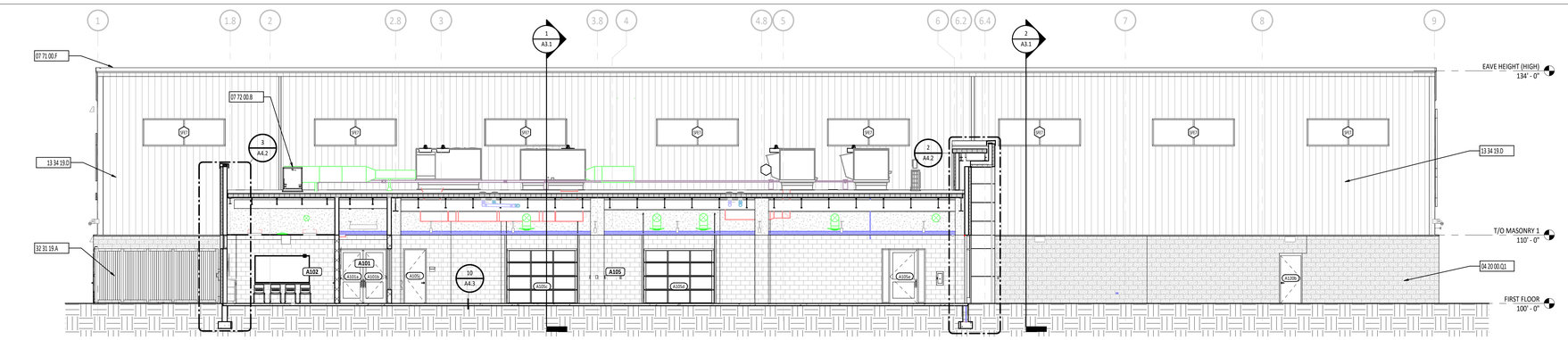
2 A3.1 BUILDING SECTION
1/8" = 1'-0"



3 A3.1 BUILDING SECTION
1/8" = 1'-0"



4 A3.1 BUILDING SECTION
1/8" = 1'-0"



5 A3.1 BUILDING SECTION
1/8" = 1'-0"

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BUILDING SECTION SYMBOLS LEGEND

- (XXXX) — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- (A101) — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- (W) — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL ELEVATION — LEVEL LINE
- (X) — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION
- AREA OF DETAIL — X / XX.X — SIM — CALLOUT
  - DETAIL NUMBER
  - SHEET NUMBER
- X / XX.X — SIM — SECTION
  - DETAIL NUMBER
  - SHEET NUMBER

#	KEYNOTE DESCRIPTION
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 12 13.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL - PAINT - REFERENCE STRUCTURAL DRAWINGS.
05 52 13.F	FIXED PIPE RAILING WITH WIRE MESH METAL SCREEN - PAINT.
07 42 13.23.A1	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 1
07 42 13.23.A2	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 2
07 71 00.F	PREFINISHED ALUMINUM ARCHITECTURAL FASCIA
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 72 00.B	ROOF HATCH
08 43 13.A	ALUMINUM STOREFRONT WINDOW SYSTEM
09 21 16.E2	5/8" IMPACT-RESISTANT GYPSUM WALLBOARD
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
11 52 13.B2	SURFACE MOUNTED MANUAL PROJECTION SCREEN
11 66 43.A	INTERIOR SCOREBOARD
11 66 53.13.A	BATTING CAGE
11 66 53.A	PROTECTIVE NETTING
13 34 19.C	1" PREFINISHED PERFORATED VERTICAL METAL LINER PANEL - PROVIDED BY P.E.M.B. MANUFACTURER.
13 34 19.D	FORMED METAL PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.H	4" INSULATED METAL ROOF PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.J	6" PREFINISHED GUTTER PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.S	1" PREFINISHED SOLID VERTICAL METAL LINER PANEL - PROVIDED BY P.E.M.B. MANUFACTURER.
32 31 19.A	DECORATIVE METAL FENCE AND GATE - REFERENCE SITE DRAWINGS.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

NEW BUILDING FOR
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

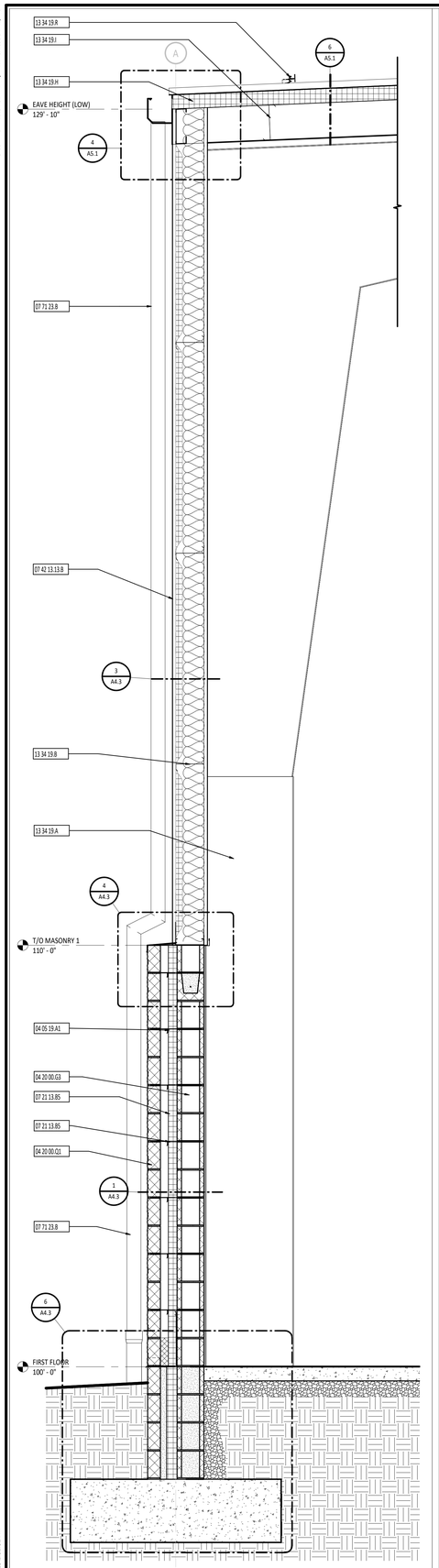
CONSTRUCTION DOCUMENTS	12/11/2025

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25041.00	MDB	Checker

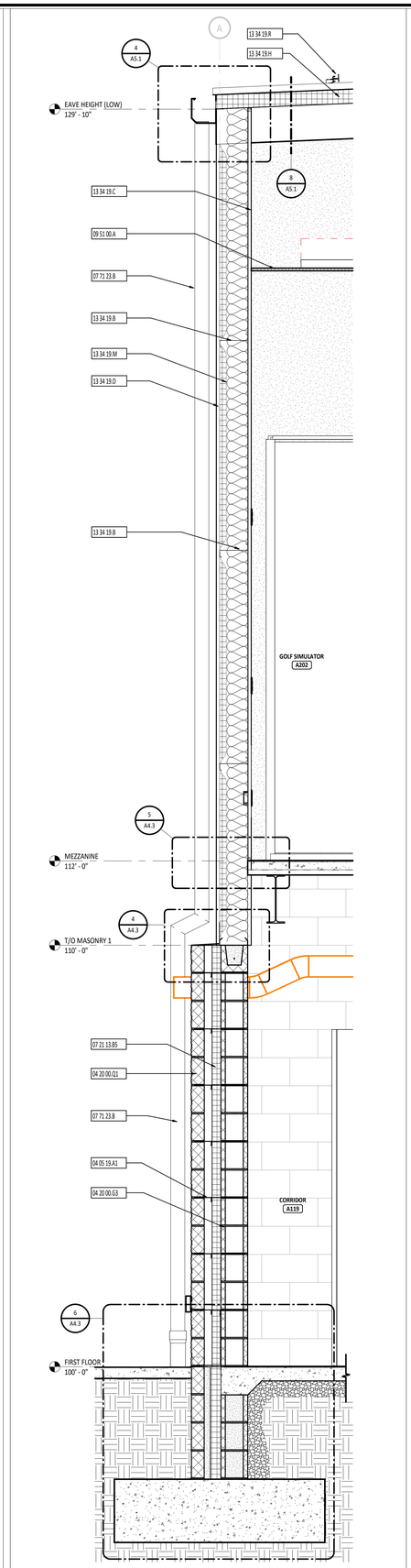
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BUILDING SECTIONS

SHEET NUMBER:
A3.1

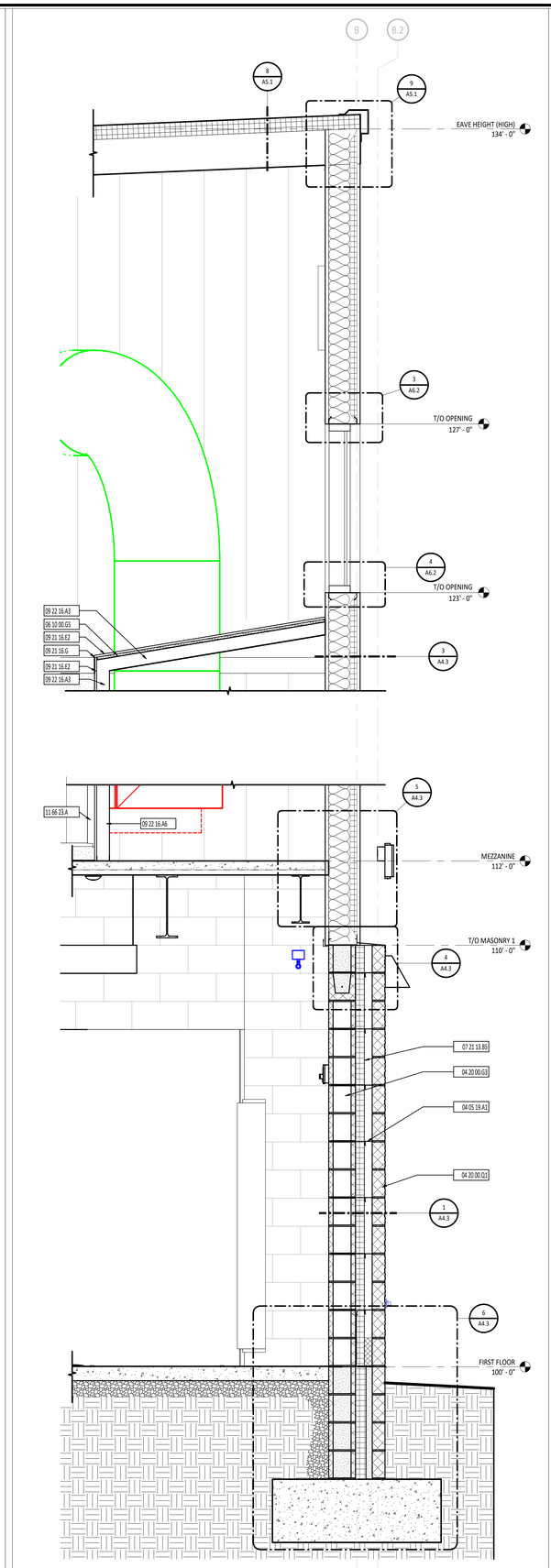
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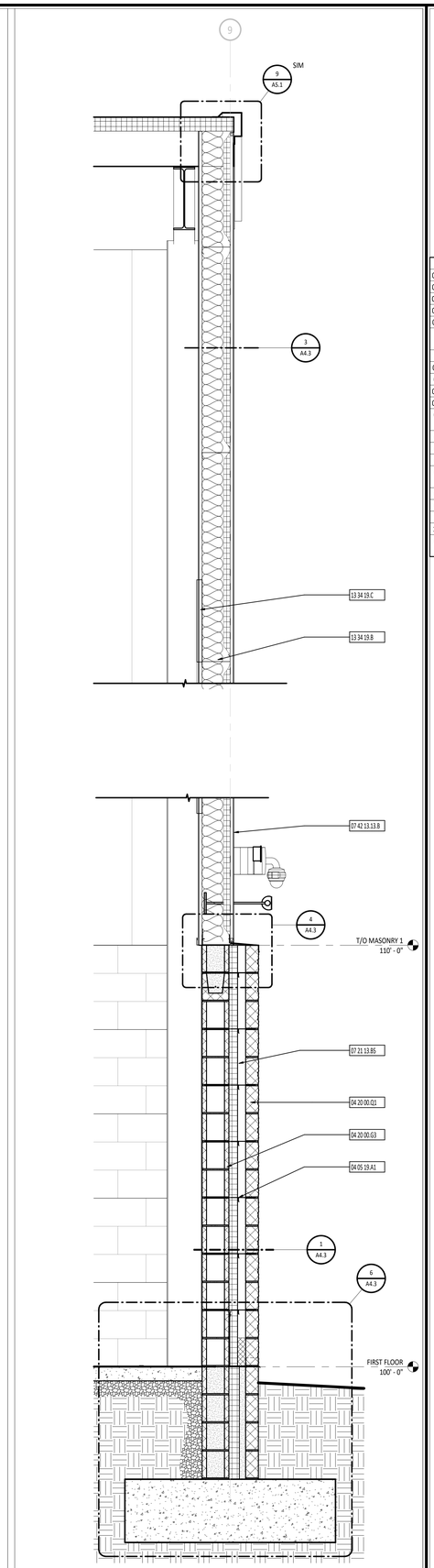
1 A4.1 **WALL SECTION**
3/4" = 1'-0"



2 A4.1 **WALL SECTION**
3/4" = 1'-0"



3 A4.1 **WALL SECTION**
3/4" = 1'-0"



4 A4.1 **WALL SECTION**
3/4" = 1'-0"

WALL SECTION SYMBOLS LEGEND

- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- (X) — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL ELEVATION — LEVEL LINE
- X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION
- AREA OF DETAIL — X / XX.X — SIM — CALLOUT
  - DETAIL NUMBER
  - SHEET NUMBER
- X / XX.X — SIM — SECTION
  - DETAIL NUMBER
  - SHEET NUMBER

#	KEYNOTE DESCRIPTION
04 05 19.A1	VENEER ANCHOR TIES AT 16" OC VERTICALLY AND HORIZONTALLY
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
06 10 00.G5	3/4" PLYWOOD
07 21 13.B5	2-1/2" BOARD INSULATION
07 42 13.13.B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB
07 71 23.B	PREFINISHED METAL DOWNSPOUT
09 21 16.E2	5/8" IMPACT-RESISTANT GYPSUM WALLBOARD
09 21 16.G	METAL CORNER BEAD (TYPICAL AT ALL CORNERS)
09 22 16.A3	3 5/8" METAL STUDS AT 16" OC
09 22 16.A6	6" METAL STUDS AT 16" OC
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
11 66 23.A	GYMNASIUM EQUIPMENT - REFERENCE ATHLETIC EQUIPMENT SCHEDULE.
13 34 19.A	PRE-ENGINEERED METAL BUILDING SYSTEM
13 34 19.B	8" Z GIRT PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.C	1" PREFINISHED PERFORATED VERTICAL METAL LINER PANEL - PROVIDED BY P.E.M.B. MANUFACTURER.
13 34 19.D	FORMED METAL PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.H	4" INSULATED METAL ROOF PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.I	10" PURLIN PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.M	(2) LAYERS BLANKET INSULATION SYSTEM PROVIDED BY P.E.M.B MANUFACTURER
13 34 19.R	SNOW GUARD - CONTINUOUS ACROSS TOP OF VERTICAL LEGS - REFERENCE ROOF PLAN FOR LOCATIONS - BY P.E.M.B. MANUFACTURER

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR:

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
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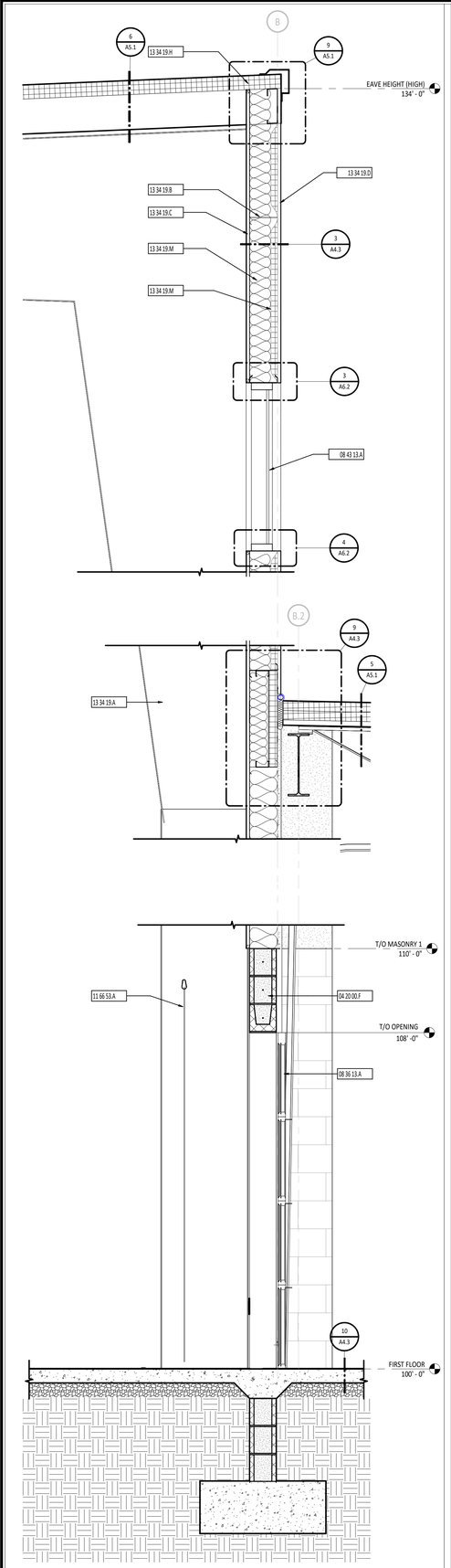
WALL SECTIONS

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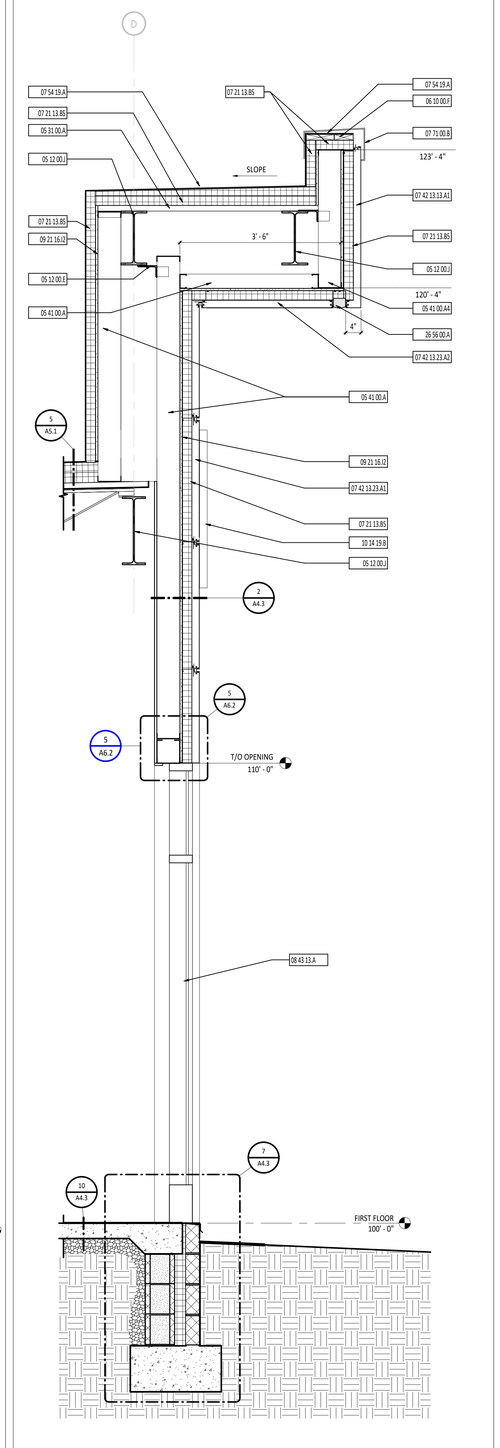
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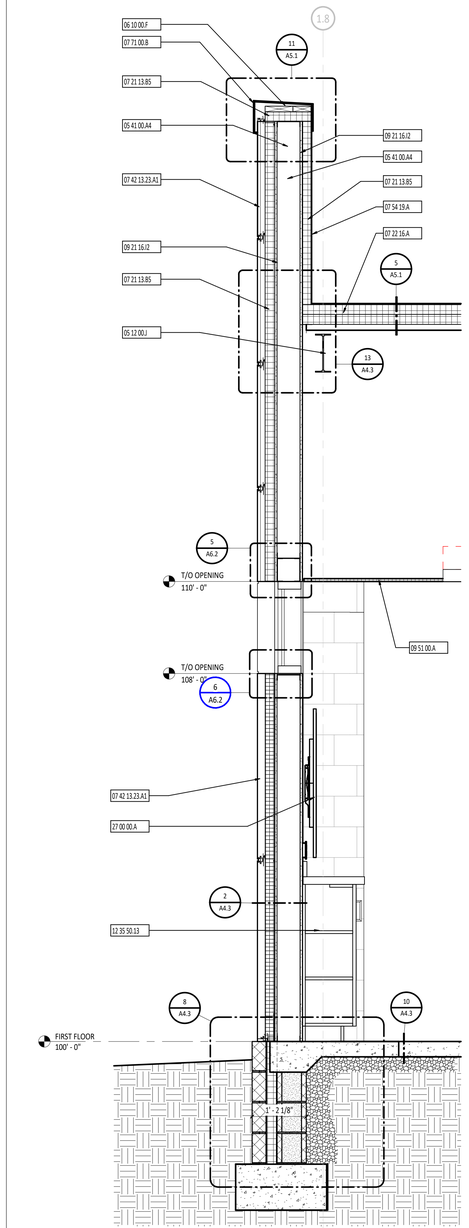
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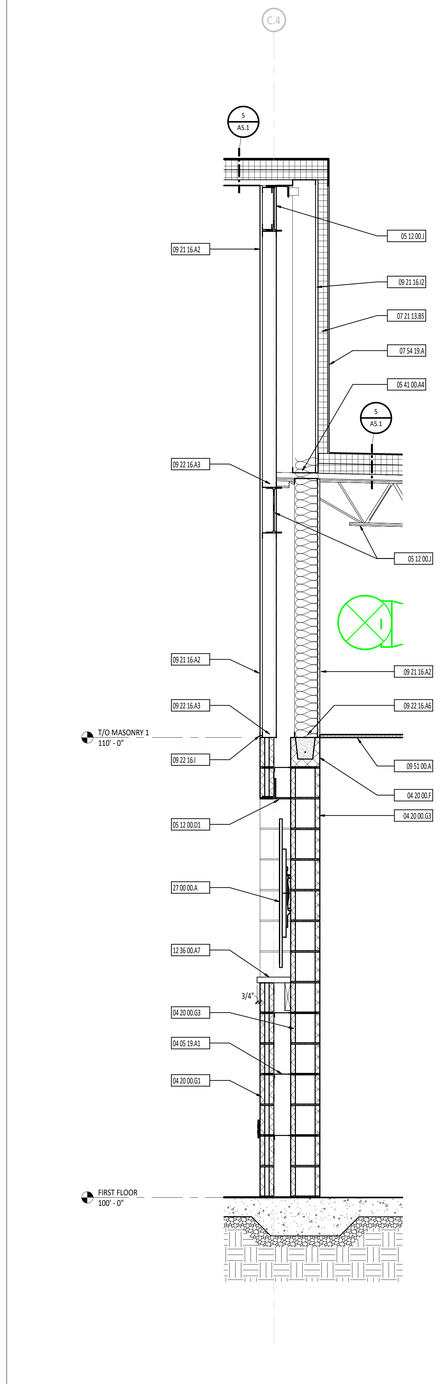
1 A4.2 **WALL SECTION** 3/4" = 1'-0"



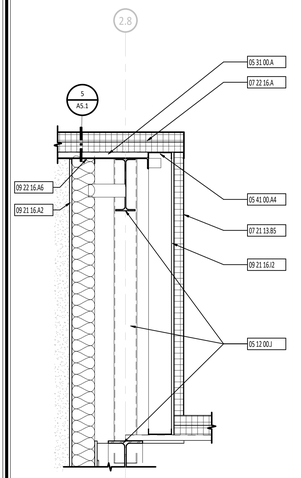
2 A4.2 **WALL SECTION** 3/4" = 1'-0"



3 A4.2 **WALL SECTION** 3/4" = 1'-0"



4 A4.2 **WALL SECTION** 3/4" = 1'-0"



5 A4.2 **PARTIAL WALL SECTION** 3/4" = 1'-0"

WALL SECTION SYMBOLS LEGEND

- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- (X) — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL ELEVATION — LEVEL LINE
- X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION
- AREA OF DETAIL — X / XX.X — SIM — CALLOUT
  - DETAIL NUMBER
  - SHEET NUMBER
- X / XX.X — SIM — SECTION
  - DETAIL NUMBER
  - SHEET NUMBER

#	KEYNOTE DESCRIPTION
04 05 19.A1	VENEER ANCHOR TIES AT 16" OC VERTICALLY AND HORIZONTALLY
04 20 00.F	CONCRETE MASONRY UNIT BOND BEAM - REFERENCE STRUCTURAL DRAWINGS.
04 20 00.G1	NOMINAL 4" CONCRETE MASONRY UNIT
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
05 12 00.D1	GALVANIZED MASONRY SUPPORT STEEL LINTEL AND PLATE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.E	SUPPORT STEEL ANGLE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 31 00.A	STEEL DECK - REFERENCE STRUCTURAL DRAWINGS.
05 41 00.A	STRUCTURAL METAL STUD FRAMING - REFERENCE STRUCTURAL DRAWINGS.
05 41 00.A4	6" STRUCTURAL METAL STUD FRAMING - REFERENCE STRUCTURAL DRAWINGS.
06 10 00.F	PRESERVATIVE TREATED WOOD BLOCKING/NAILER
07 21 13.B5	2-1/2" BOARD INSULATION
07 22 16.A	(2) LAYERS OF 2.6" ROOF BOARD INSULATION - STAGGER JOINTS.
07 42 13.13.A1	PREFINISHED FORMED HORIZONTAL METAL PANEL - SHIM PANELS PLUMB - COLOR 1
07 42 13.23.A1	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 1
07 42 13.23.A2	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 2
07 54 19.A	FULLY ADHERED PVC MEMBRANE ROOFING SYSTEM
07 71 00.B	PREFINISHED COPING WITH ANCHORAGES
08 36 13.A	OVERHEAD SECTIONAL DOOR - REFERENCE OPENING SCHEDULE.
08 43 13.A	ALUMINUM STOREFRONT WINDOW SYSTEM
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 21 16.J2	5/8" EXTERIOR GYPSUM SHEATHING BOARD
09 22 16.A3	3 5/8" METAL STUDS AT 16" OC
09 22 16.A6	6" METAL STUDS AT 16" OC
09 22 16.I	GYPSUM WALL BOARD FRY REGLET
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
10 14 19.B	EXTERIOR BUILDING SIGNAGE - REFERENCE A12 SHEETS
11 66 53.A	PROTECTIVE NETTING
12 35 50.13	EDUCATIONAL CASEWORK
12 36 00.A7	SOLID SURFACING COUNTERTOP
13 34 19.A	PRE-ENGINEERED METAL BUILDING SYSTEM
13 34 19.B	8" Z GIRT PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.C	1" PREFINISHED PERFORATED VERTICAL METAL LINER PANEL - PROVIDED BY P.E.M.B. MANUFACTURER.
13 34 19.D	FORMED METAL PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.H	4" INSULATED METAL ROOF PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.M	(2) LAYERS BLANKET INSULATION SYSTEM PROVIDED BY P.E.M.B MANUFACTURER
26 56 00.A	EXTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS.
27 00 00.A	TECHNOLOGY EQUIPMENT - REFERENCE TECHNOLOGY DRAWINGS.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
ARCHITECTS
MUNCIE, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

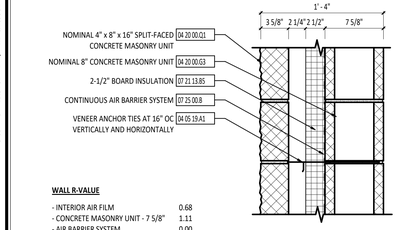
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25041.00	MDB	Checker

SHEET TITLE:
WALL SECTIONS

SHEET NUMBER:
A4.2

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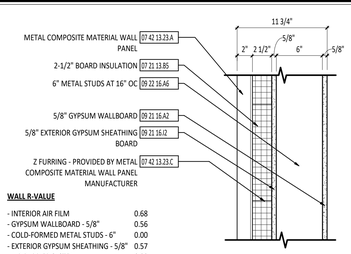
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WALL R-VALUE

- INTERIOR AIR FILM	0.68
- CONCRETE MASONRY UNIT - 7 5/8"	1.11
- AIR BARRIER SYSTEM	0.00
- CAVITY INSULATION - 2 1/2"	15.00
- AIR CAVITY - 2 1/4"	1.00
- BRICK MASONRY - 3 5/8"	0.44
- EXTERIOR AIR FILM	0.17
TOTAL R-VALUE	**18.40**

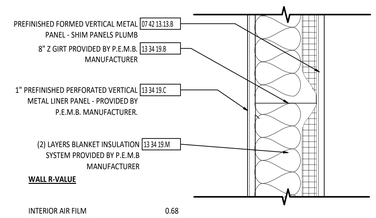
1 A4.3 **EXTERIOR WALL ASSEMBLY**
1 1/2" = 1'-0"



WALL R-VALUE

- INTERIOR AIR FILM	0.68
- GYPSUM WALLBOARD - 5/8"	0.56
- COLD-FORMED METAL STUDS - 6"	0.00
- EXTERIOR GYPSUM SHEATHING - 5/8"	0.57
- AIR BARRIER SYSTEM	0.00
- BOARD INSULATION - 2 1/2"	17.80
- AIR CAVITY	1.00
- METAL COMPOSITE WALL PANEL - 2"	0.61
- EXTERIOR AIR FILM	0.17
TOTAL R-VALUE	**21.39**

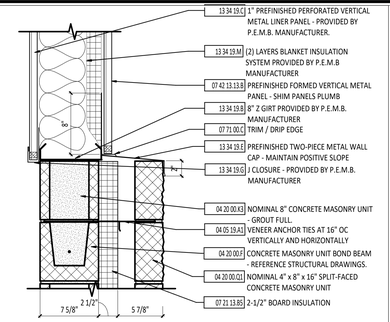
2 A4.3 **EXTERIOR WALL ASSEMBLY**
1 1/2" = 1'-0"



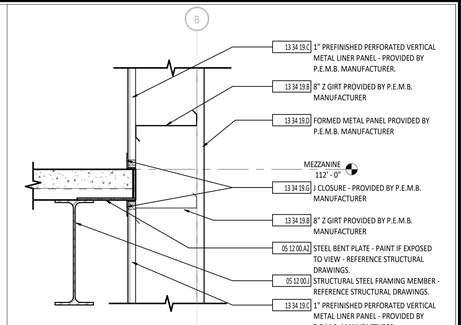
WALL R-VALUE

INTERIOR AIR FILM	0.68
INTERIOR LINER PANEL	0.00
BLANKET INSULATION SYSTEM	25.60
AIR CAVITY AND GIRT SPACE - 8"	1.00
INSULATED METAL SIDING	0.61
EXTERIOR AIR FILM	0.17
TOTAL R-VALUE	**28.06**

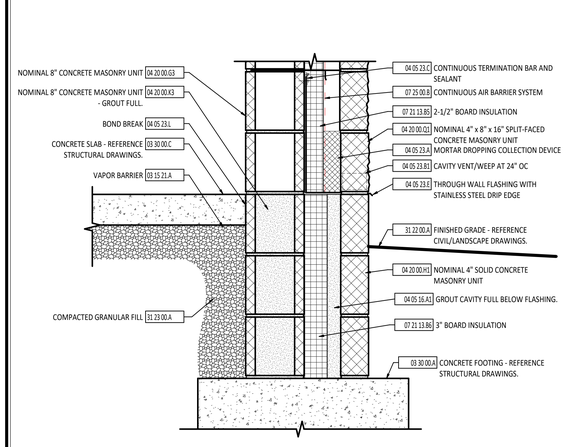
3 A4.3 **EXTERIOR WALL ASSEMBLY**
1 1/2" = 1'-0"



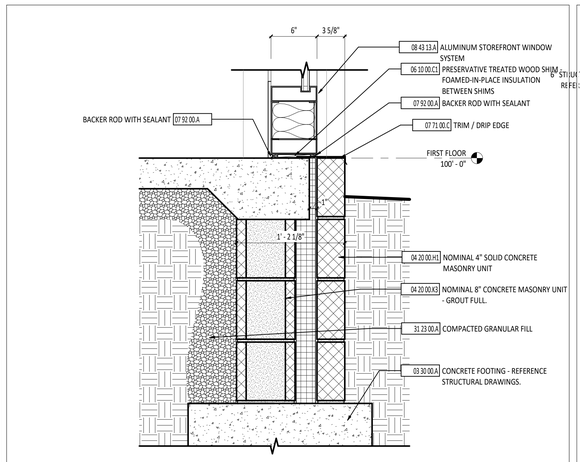
4 A4.3 **P.E.M.B. MIDWALL DETAIL**
1 1/2" = 1'-0"



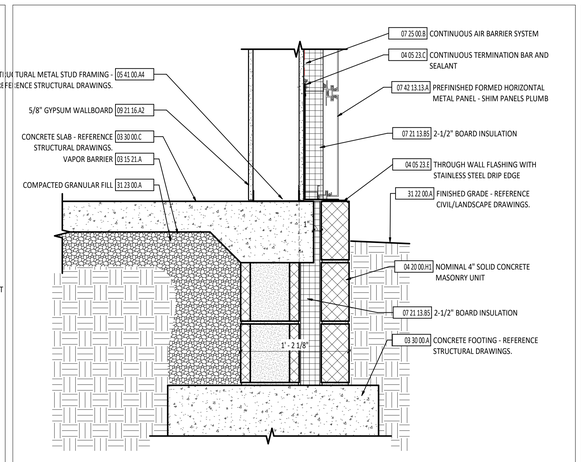
5 A4.3 **WALL SECTION DETAIL**
1 1/2" = 1'-0"



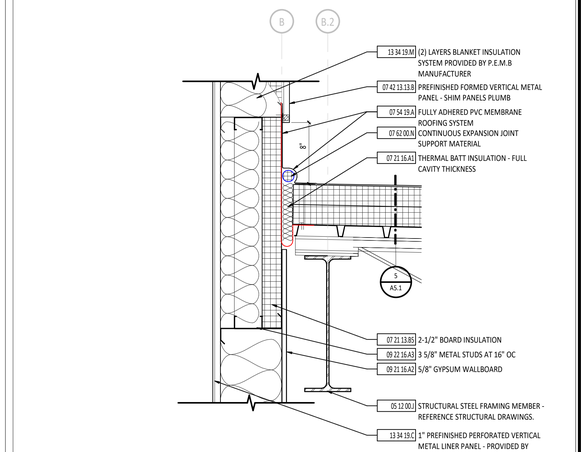
6 A4.3 **TYPICAL FOUNDATION DETAIL**
1 1/2" = 1'-0"



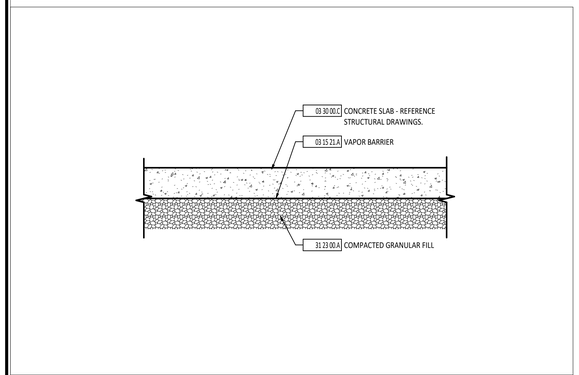
7 A4.3 **TYPICAL FOUNDATION DETAIL**
1 1/2" = 1'-0"



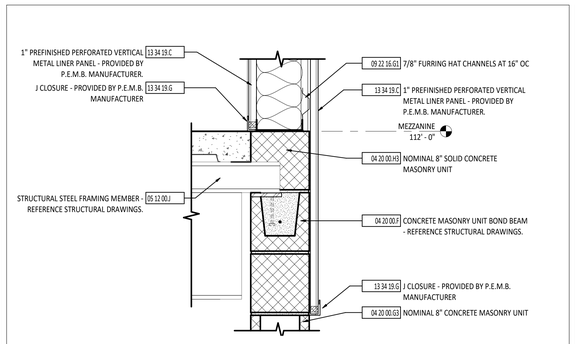
8 A4.3 **TYPICAL FOUNDATION DETAIL**
1 1/2" = 1'-0"



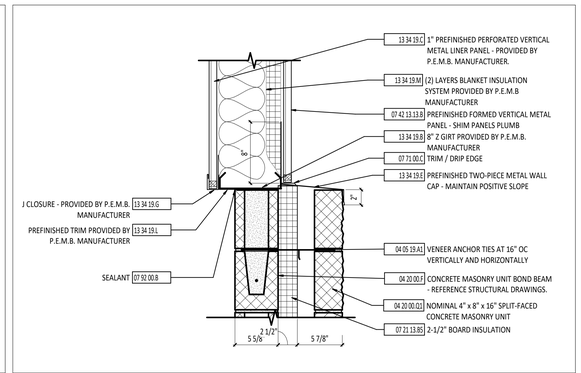
9 A4.3 **APRON WALL DETAIL**
1 1/2" = 1'-0"



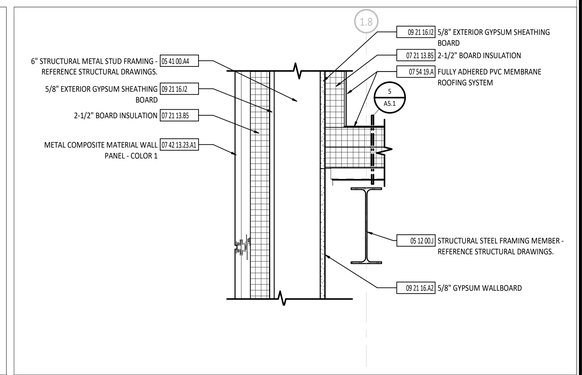
10 A4.3 **CONCRETE SLAB ASSEMBLY**
1 1/2" = 1'-0"



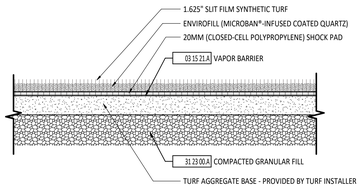
11 A4.3 **MEZZANINE MIDWALL DETAIL**
1 1/2" = 1'-0"



12 A4.3 **P.E.M.B. MIDWALL DETAIL (6" CMU)**
1 1/2" = 1'-0"



13 A4.3 **APRON WALL DETAIL**
1 1/2" = 1'-0"



14 A4.3 **TURF ASSEMBLY**
1 1/2" = 1'-0"

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STATE OF OHIO
MATTHEW R. HIBNER
#1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
ARCHITECTURE | PLANNING | INTERIORS
AKRON, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmmgroup.com

NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	Checker

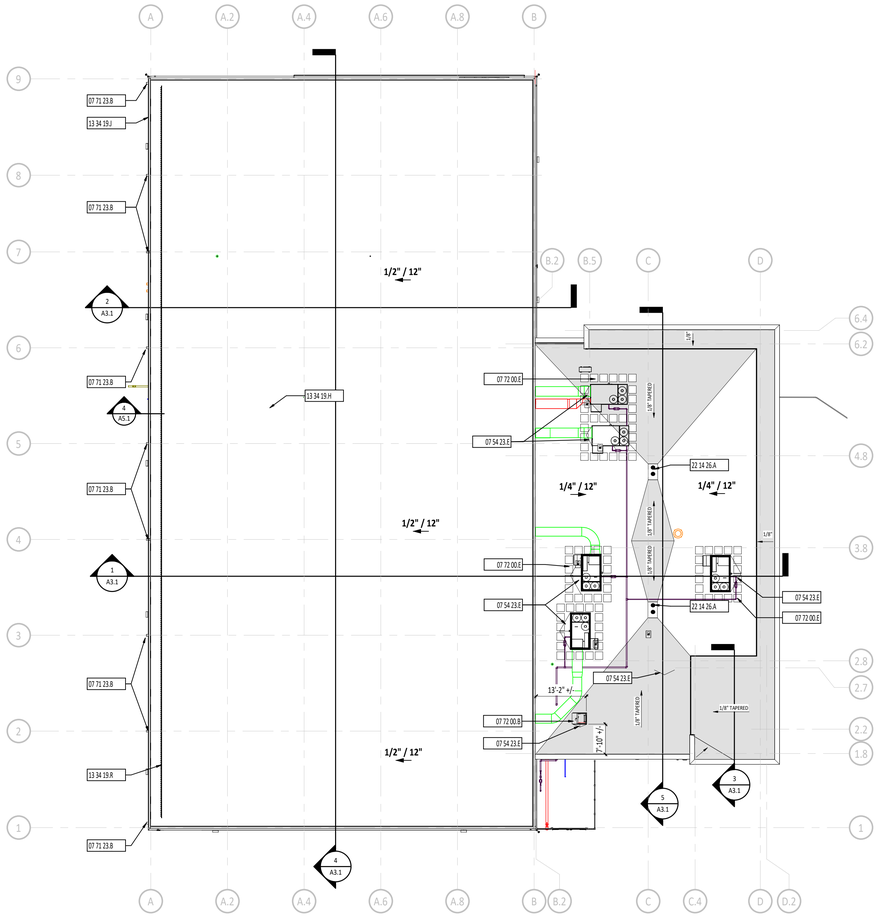
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SECTION DETAILS

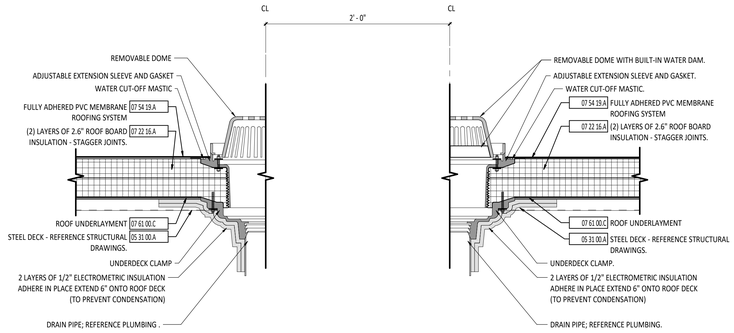
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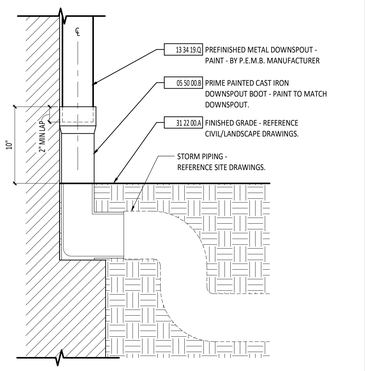
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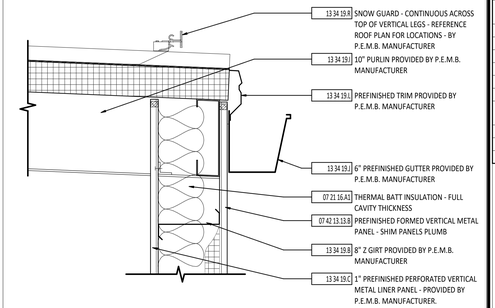
1 / A5.1 ROOF PLAN
1/16" = 1'-0"



2 / A5.1 ROOF DRAIN DETAIL
1 1/2" = 1'-0"



3 / A5.1 DOWNSPOUT BOOT DETAIL
1 1/2" = 1'-0"



4 / A5.1 EAVE DETAIL
1 1/2" = 1'-0"

ROOF PLAN PLAN GENERAL NOTES

A PROVIDE FLASHING IN ACCORDANCE WITH THE SMACNA ARCHITECTURAL SHEET METAL MANUAL LATEST EDITION.
B REFER TO MANUFACTURER FOR ROOF INSTALLATION DETAILS.
C ALL WOOD BLOCKING AT ROOF PENETRATIONS SHALL BE PRESERVATIVE TREATED.
D PROVIDE WELDED CURB FLASHING FOR PENETRATIONS IN METAL ROOF - REFERENCE ROOF DETAILS.
E PROVIDE CRICKETS WITH TAPERED FLASHING AT MECHANICAL OPENINGS.

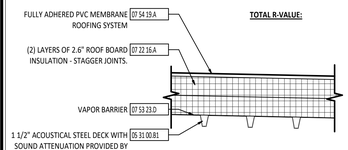
ROOF PLAN SYMBOLS LEGEND

F FLUE DESIGNATION
V VENT DESIGNATION
XX XX.XX.XX DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
KEYNOTE DESIGNATION
SPECIFICATION SECTION
AREA OF DETAIL — X SIM / XX.X — CALLOUT: DETAIL NUMBER, SHEET NUMBER
X SIM / XX.X — SECTION: DETAIL NUMBER, SHEET NUMBER

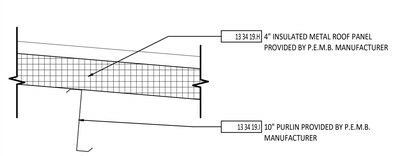
ROOF PLAN MATERIAL PATTERNS LEGEND

TAPERED INSULATION

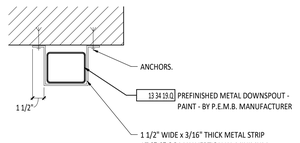
#	KEYNOTE DESCRIPTION
05 12 00.E	SUPPORT STEEL ANGLE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 31 00.A	STEEL DECK - REFERENCE STRUCTURAL DRAWINGS.
05 31 00.B1	1 1/2" ACOUSTICAL STEEL DECK WITH SOUND ATTENUATION PROVIDED BY STEEL DECK MANUFACTURER- REFERENCE STRUCTURAL DRAWINGS.
05 50 00.B	PRIME PAINTED CAST IRON DOWNSPOUT BOOT - PAINT TO MATCH DOWNSPOUT.
06 10 00.D	WOOD BLOCKING/NAILER
07 21 16.A1	THERMAL BATT INSULATION - FULL CAVITY THICKNESS
07 21 29.A	SPRAY APPLIED FOAM INSULATION
07 22 16.A	(2) LAYERS OF 2.6" ROOF BOARD INSULATION - STAGGER JOINTS.
07 42 13.13.B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB
07 53 23.D	VAPOR BARRIER
07 54 19.A	FULLY ADHERED PVC MEMBRANE ROOFING SYSTEM
07 54 23.E	ROOF CRICKET
07 61 00.C	ROOF UNDERLAYMENT
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 72 00.A	ROOF CURB - REFERENCE MECHANICAL DRAWINGS.
07 72 00.B	ROOF HATCH
07 72 00.E	ROOF WALKWAY PAD
07 92 00.B	SEALANT
13 34 19.B	8" Z GIRT PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.C	1" PREFINISHED PERFORATED VERTICAL METAL LINER PANEL - PROVIDED BY P.E.M.B. MANUFACTURER.
13 34 19.H	4" INSULATED METAL ROOF PANEL PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.I	10" PURLIN PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.J	6" PREFINISHED GUTTER PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.L	PREFINISHED TRIM PROVIDED BY P.E.M.B. MANUFACTURER
13 34 19.M	(2) LAYERS BLANKET INSULATION SYSTEM PROVIDED BY P.E.M.B MANUFACTURER
13 34 19.R	SNOW GUARD - CONTINUOUS ACROSS TOP OF VERTICAL LEGS - REFERENCE ROOF PLAN FOR LOCATIONS - BY P.E.M.B. MANUFACTURER
22 10 05.A	PLUMBING VENT - REFERENCE PLUMBING DRAWINGS.
22 14 26.A	ROOF DRAIN AND EMERGENCY OVERFLOW - REFERENCE PLUMBING DRAWINGS.
31 22 00.A	FINISHED GRADE - REFERENCE CIVIL/LANDSCAPE DRAWINGS.



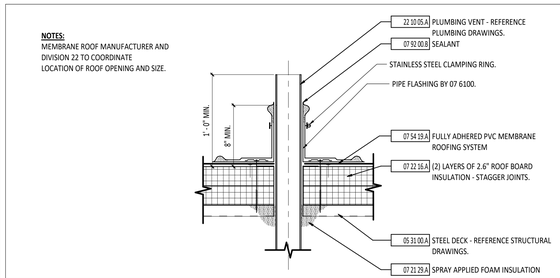
5 / A5.1 ROOF ASSEMBLY
1 1/2" = 1'-0"



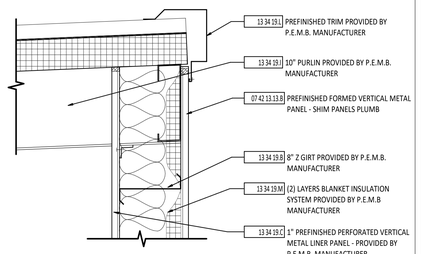
6 / A5.1 ROOF ASSEMBLY
1 1/2" = 1'-0"



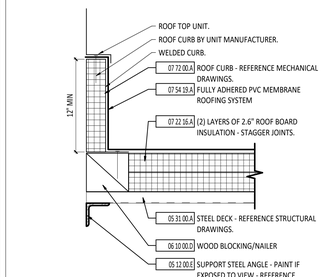
7 / A5.1 DOWNSPOUT BRACKET DETAIL
1 1/2" = 1'-0"



8 / A5.1 VENT STACK PENETRATION DETAIL
1 1/2" = 1'-0"



9 / A5.1 EAVE DETAIL
1 1/2" = 1'-0"





STATE OF OHIO
MATTHEW R. HIBNER
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REGISTERED ARCHITECT

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EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	Checker

SHEET TITLE:
ROOF PLAN

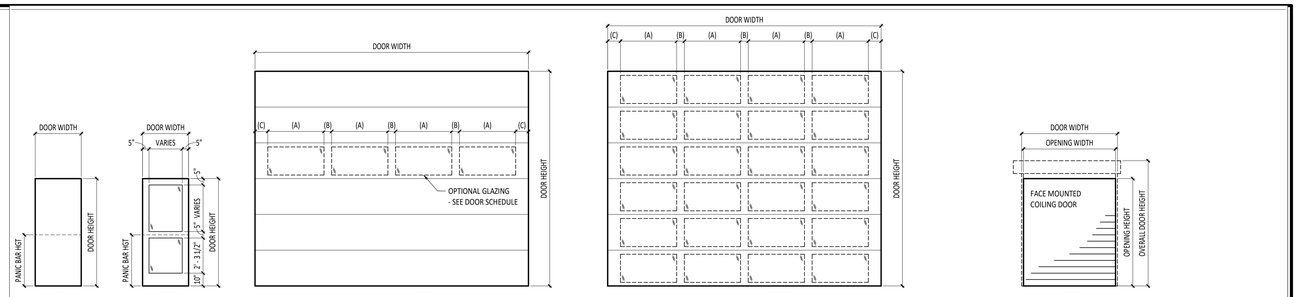
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A5.1

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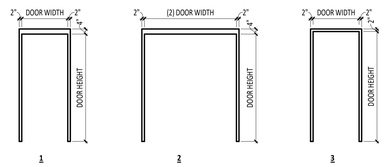
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DOOR/OPENING SCHEDULE

NUMBER	DOOR SIZE	DOOR THK	DOOR MATL	DOOR TYPE	DOOR GLASS	FRAME DEPTH	FRAME MATL	FRAME TYPE	FRAME GLASS	DETAIL NUMBER HEAD	DETAIL NUMBER JAMB	DETAIL NUMBER SILL	HARDWARE SET	ROOM KEY SIDE	FUNCTION	LABEL (MIN)	NOTES
A100a	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE1	EG1	5/A6.2	7/A6.2	11/A6.1	1.0	EXT	Exterior	-	3
A100b	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE1	EG1	5/A6.2	7/A6.2	11/A6.1	3.0	EXT	Exterior	-	3
A100c	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE1	EG1	5/A6.2	7/A6.2	11/A6.1	4.0	EXT	Exterior	-	3
A100d	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE1	EG1	5/A6.2	7/A6.2	11/A6.1	5.0	EXT	Exterior	-	3
A101a	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	G2	4 1/2"	AL	SF4	-	9/A6.2	11/A6.2	-	10.0	A101	Interior	-	
A101b	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	G2	4 1/2"	AL	SF4	-	9/A6.2	11/A6.2	-	11.0	A101	Interior	-	
A102	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1		22.0	A101	Interior	-	
A103	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1		16.0	A101	Interior	-	
A104	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1		19.0	A101	Interior	-	
A105a	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	G1	4 1/2"	AL	SF1	G1	9/A6.2	11/A6.2	-	12.0	A101	Interior	-	
A105b	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	G1	4 1/2"	AL	SF1	G1	9/A6.2	11/A6.2	-	13.0	A101	Interior	-	
A105c	10'-0" x 8'-0"	2 1/8"	AL	OHD2	G2	2"	STL	-	-	17/A6.2	18/A6.2		26.0	-	Interior	-	
A105d	10'-0" x 8'-0"	2 1/8"	AL	OHD2	G2	2"	STL	-	-	17/A6.2	18/A6.2		26.0	-	Interior	-	
A105e	4'-0" x 7'-10"	1 3/4"	AL	FG2.1	G2	4 1/2"	AL	SF6	G2	9/A6.2	11/A6.2	-	14.0	A107	Interior	-	
A105g	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE6	EG1	5/A6.2	7/A6.2	11/A6.1	7.0	EXT	Exterior	-	
A105h	3'-0" x 7'-10"	1 3/4"	AL	FG2.1	EG1	6"	AL	SFE6	EG1	5/A6.2	7/A6.2	11/A6.1	6.0	EXT	Exterior	-	
A105j	3'-0" x 7'-10"	1 3/4"	FRP	F	-	8 3/4"	HM	3	-	9/A6.1	10/A6.1		20.0	A106	Interior	-	
A106a	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	2	-	3/A6.1	4/A6.1	5/A6.1	8.0	EXT	Exterior	-	
A106b	10'-0" x 10'-0"	2 1/8"	AL	OHD	G2	2"	STL	-	-	6/A6.1	7/A6.1	8/A6.1	26.0	-	Exterior	-	
A106c	3'-0" x 7'-0"	1 3/4"	FRP	F		8 3/4"	HM	2	-	3/A6.1	4/A6.1	5/A6.1	9.0	EXT	Exterior	-	
A107a	8'-0" x 8'-0"	3/4"	AL	CD	-	3 3/4"	STL	-	-	12/A6.1	13/A6.1		26.0	-	Interior	-	
A107b	2'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	20.0	A107	Interior	-	
A108	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	23.0	A107	Interior	-	
A109	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	23.0	A107	Interior	-	
A110a	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	25.0	-	Interior	-	
A110b	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	25.0	-	Interior	-	
A112a	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	25.0	-	Interior	-	
A112b	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	25.0	-	Interior	-	
A114	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	24.0	-	Interior	-	
A115	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	19.0	A114	Interior	-	
A116	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	21.0	A114	Interior	-	
A117	3'-0" x 7'-0"	1 3/4"	HM	F	-	8 3/4"	HM	1	-	9/A6.1	10/A6.1	-	21.0	A114	Interior	-	
A118a	(2) 3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	2	-	9/A6.1	10/A6.1	-	17.0	A106	Interior	-	
A118b	(2) 3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	2	-	9/A6.1	10/A6.1	-	18.0	A120	Interior	-	
A119a	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	2	-	3/A6.1	4/A6.1	5/A6.1	9.0	EXT	Exterior	-	
A119b	10'-0" x 8'-0"	3/4"	AL	CD	-	3 3/4"	STL	-	-	12/A6.1	13/A6.1		26.0	-	Interior	-	
A120b	3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	2	-	3/A6.1	4/A6.1	5/A6.1	9.0	EXT	Exterior	-	
A120c	10'-0" x 10'-0"	2 1/8"	AL	OHD	G2	2"	STL	-	-	6/A6.1	7/A6.1	8/A6.1	26.0	-	Exterior	-	
A121	(2) 3'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	2	-	9/A6.1	10/A6.1	-	17.0	A120	Interior	-	
A202a	3'-0" x 7'-0"	1 3/4"	FRP	F	-	7 5/8"	HM	1	-	14/A6.1	15/A6.1	15.0	15.0	A201	Interior	-	
A202b	10'-0" x 8'-0"	2 1/8"	AL	OHD2	G2	3 3/4"	STL	-	-	15/A6.2	16/A6.2		26.0	-	Interior	-	
A203	(2) 3'-0" x 7'-0"	1 3/4"	FRP	F	-	7 5/8"	HM	2	-	14/A6.1	15/A6.1		17.0	A201	Interior	-	



1 A6.1 DOOR TYPES 1/4" = 1'-0"



2 A6.1 HOLLOW METAL DOOR FRAME TYPES 1/4" = 1'-0"

DOOR GENERAL NOTES

A REFERENCE A6 SHEETS FOR DOOR AND STOREFRONT DETAILS.
B REFERENCE SPECIFICATION SECTION 08 71 00 FOR HARDWARE SETS.
C USE TYPE "X" GYSPUM WALLBOARD WHERE FIRE-RATED WALL ASSEMBLIES ARE CALLED OUT ON THE A1 UNIT PLANS.

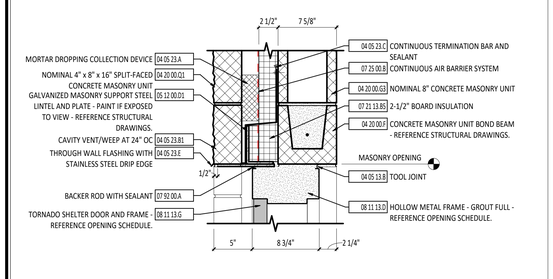
DOOR/OPENING SCHEDULE NOTES

1. DOOR AND FRAME/LOCK BY SECTION 08 80 00.
2. REFERENCE ELECTRONIC SCHEMATIC WIRING DIAGRAM DETAIL ELECTRICAL AND TECHNOLOGY SHEETS
3. REMOVABLE MULLION.

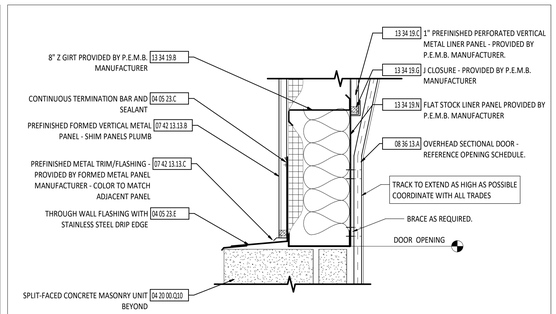
DOOR/OPENING SCHEDULE ABBREVIATIONS

SYMBOL DESCRIPTION

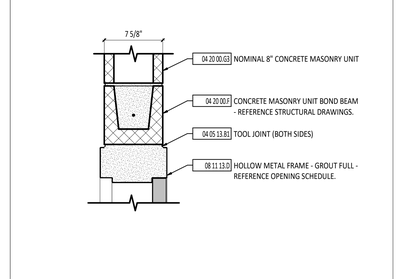
AL	ALUMINUM
CD	COILING DOOR
DG	DIFFUSING GLASS
F	FLUSH
FG	FULL GLASS
FRG	FIRE RATED GLASS
HG	HALF GLASS
HM	HOLLOW METAL
IG	INSULATED GLASS
LG	LAMINATED GLASS
N	NARROW LITE
OHD	OVERHEAD SECTIONAL DOOR
SG	SAFETY GLASS
TG	TEMPERED GLASS
W	WOOD



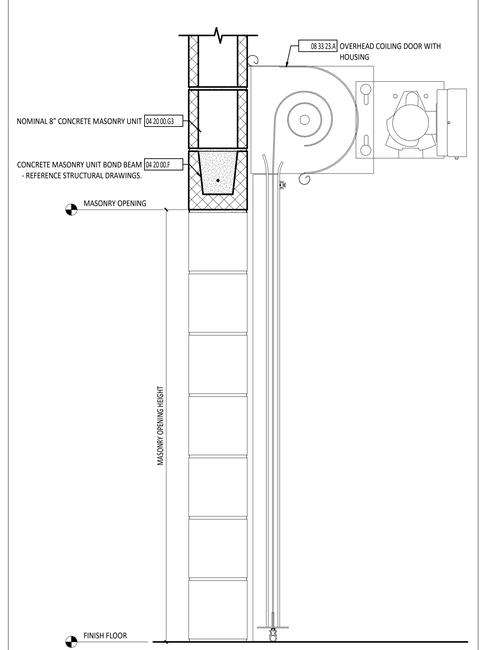
3 A6.1 HEAD DETAIL - EXTERIOR 1 1/2" = 1'-0"



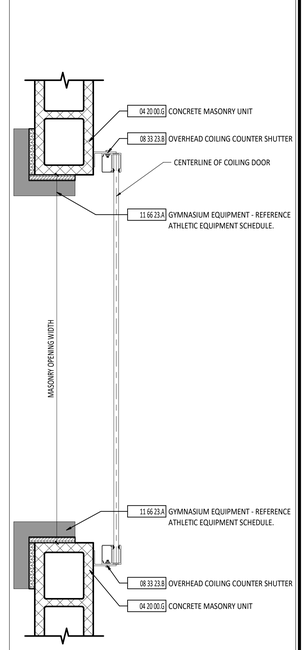
6 A6.1 HEAD DETAIL - EXTERIOR 1 1/2" = 1'-0"



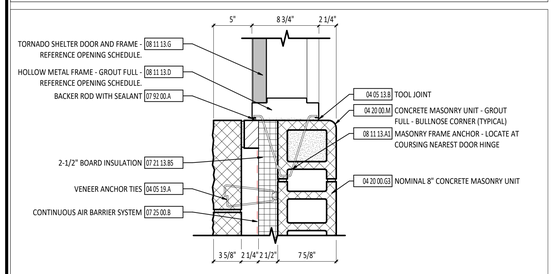
9 A6.1 HEAD DETAIL - INTERIOR 1 1/2" = 1'-0"



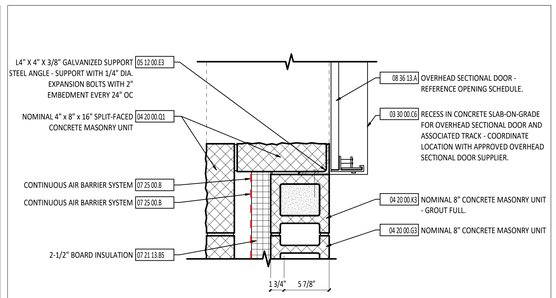
12 A6.1 HEAD DETAIL - INTERIOR 1 1/2" = 1'-0"



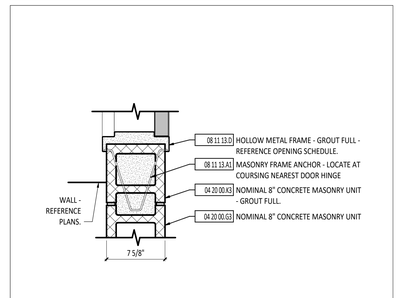
13 A6.1 JAMB DETAIL - INTERIOR 1 1/2" = 1'-0"



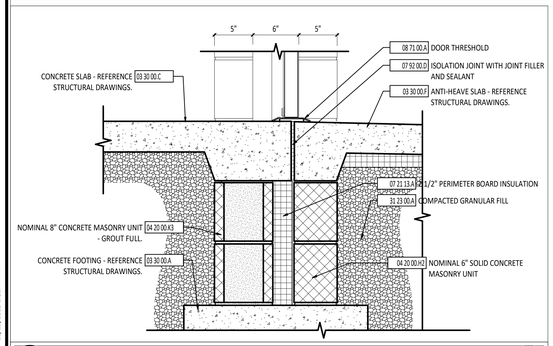
4 A6.1 JAMB DETAIL - EXTERIOR 1 1/2" = 1'-0"



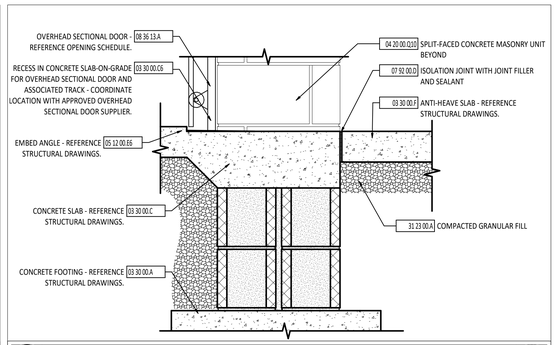
7 A6.1 JAMB DETAIL - EXTERIOR 1 1/2" = 1'-0"



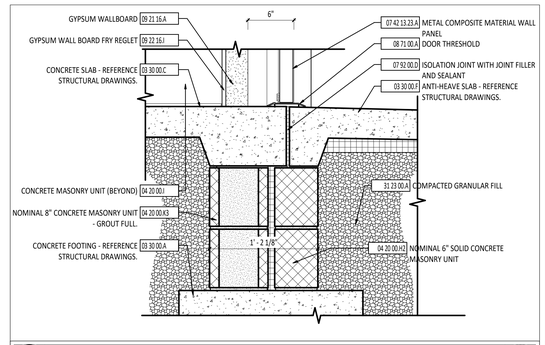
10 A6.1 JAMB DETAIL - INTERIOR 1 1/2" = 1'-0"



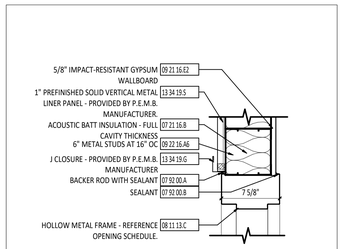
5 A6.1 SILL DETAIL - EXTERIOR 1 1/2" = 1'-0"



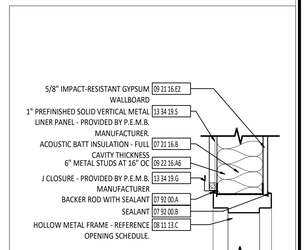
8 A6.1 SILL DETAIL - EXTERIOR 1 1/2" = 1'-0"



11 A6.1 SILL DETAIL - EXTERIOR 1 1/2" = 1'-0"



14 A6.1 HEAD DETAIL - INTERIOR 1 1/2" = 1'-0"



15 A6.1 JAMB DETAIL - INTERIOR 1 1/2" = 1'-0"

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

NEW BUILDING FOR
609 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	Checker

SHEET TITLE:

DOOR SCHEDULE AND DETAILS

SHEET NUMBER:

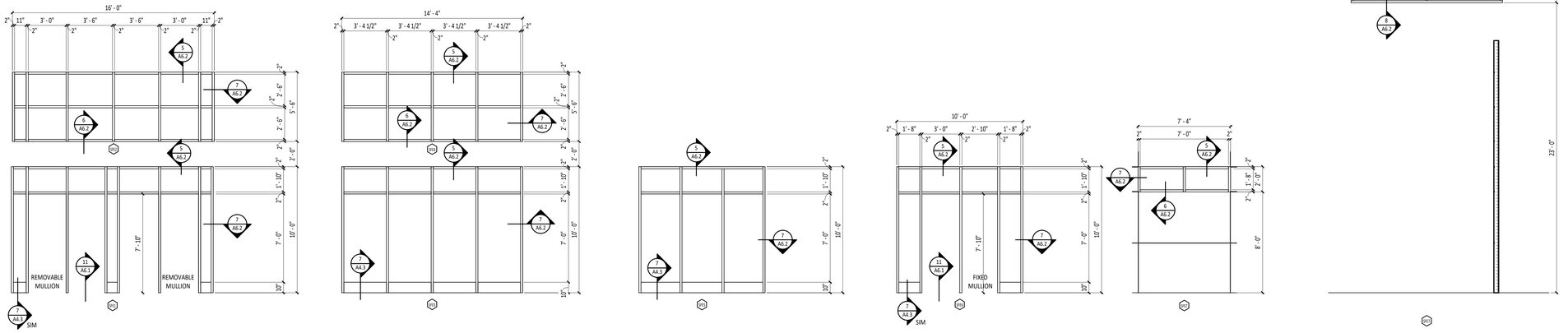
A6.1

PRINTED ON: 12/11/2025 2:51:44 PM

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EXTERIOR STOREFRONT SCHEDULE

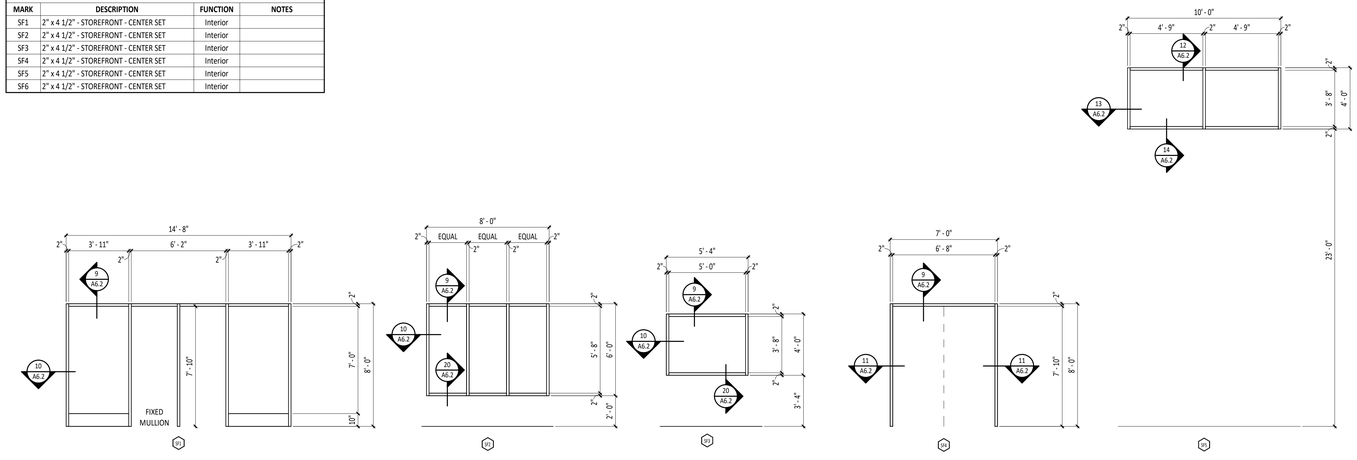
MARK	DESCRIPTION	FUNCTION	NOTES
SFE1	2" x 6" - STOREFRONT - FRONT SET	Exterior	
SFE2	2" x 6" - STOREFRONT - FRONT SET	Exterior	
SFE3	2" x 6" - STOREFRONT - FRONT SET	Exterior	
SFE4	2" x 6" - STOREFRONT - FRONT SET	Exterior	
SFE5	2" x 6" - STOREFRONT - FRONT SET	Exterior	
SFE6	2" x 6" - STOREFRONT - FRONT SET	Exterior	
SFE7	2" x 6" - STOREFRONT - FRONT SET	Exterior	



1 A6.2 STOREFRONT ELEVATIONS - EXTERIOR
1/4" = 1'-0"

INTERIOR STOREFRONT SCHEDULE

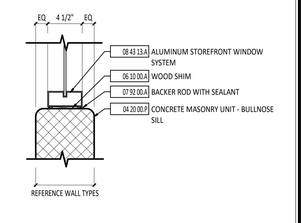
MARK	DESCRIPTION	FUNCTION	NOTES
SF1	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	
SF2	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	
SF3	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	
SF4	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	
SF5	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	
SF6	2" x 4 1/2" - STOREFRONT - CENTER SET	Interior	



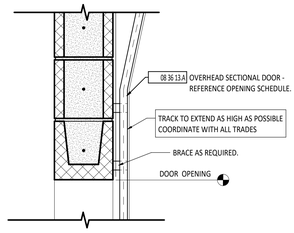
2 A6.2 STOREFRONT ELEVATIONS - INTERIOR
1/4" = 1'-0"

CURTAIN WALL/STOREFRONT AND WINDOW TYPE SYMBOLS LEGEND

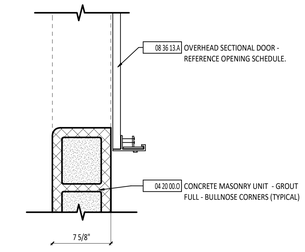
- XX — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL ELEVATION — LEVEL LINE
- SIM / X / XX.X — SECTION: DETAIL NUMBER / SHEET NUMBER



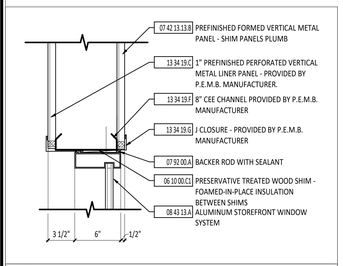
20 A6.2 SILL DETAIL - INTERIOR
1 1/2" = 1'-0"



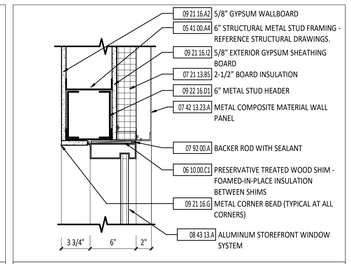
17 A6.2 HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



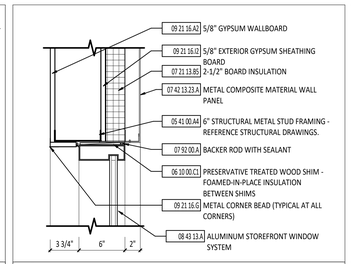
18 A6.2 JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



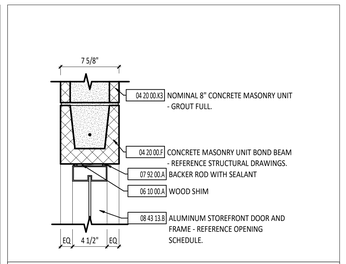
3 A6.2 HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



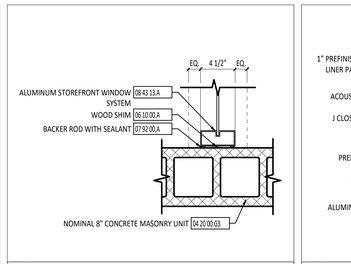
5 A6.2 HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



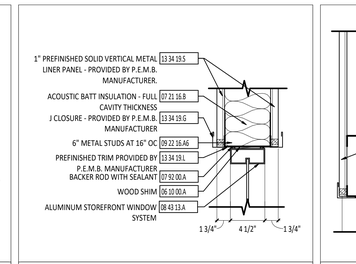
7 A6.2 JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



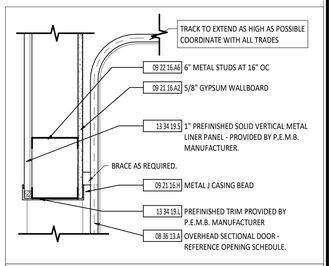
9 A6.2 HEAD DETAIL - INTERIOR
1 1/2" = 1'-0"



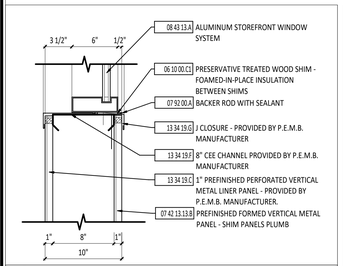
11 A6.2 JAMB DETAIL - INTERIOR
1 1/2" = 1'-0"



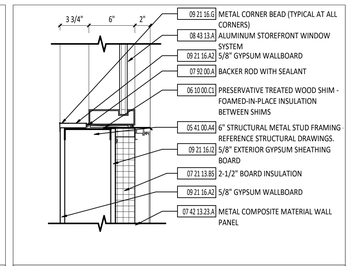
13 A6.2 JAMB DETAIL - INTERIOR
1 1/2" = 1'-0"



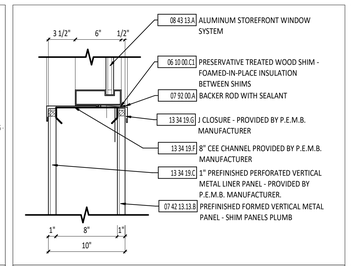
15 A6.2 HEAD DETAIL - INTERIOR
1 1/2" = 1'-0"



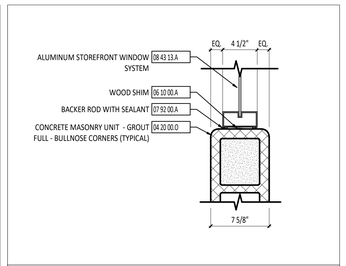
4 A6.2 JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



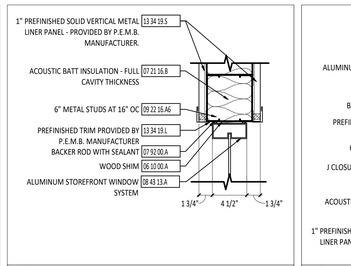
6 A6.2 SILL DETAIL - EXTERIOR
1 1/2" = 1'-0"



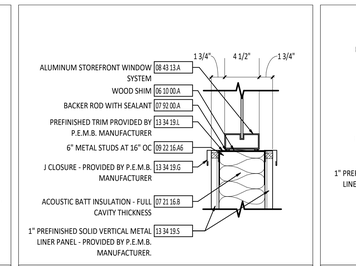
8 A6.2 SILL DETAIL - EXTERIOR
1 1/2" = 1'-0"



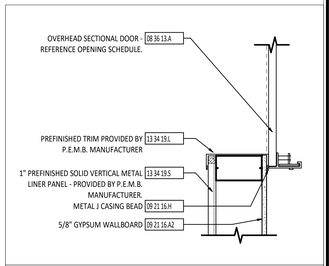
10 A6.2 JAMB DETAIL - INTERIOR
1 1/2" = 1'-0"



12 A6.2 HEAD DETAIL - INTERIOR
1 1/2" = 1'-0"



14 A6.2 SILL DETAIL - INTERIOR
1 1/2" = 1'-0"



16 A6.2 JAMB DETAIL - INTERIOR
1 1/2" = 1'-0"

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmmgm.com

NEW BUILDING FOR:
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREETS, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

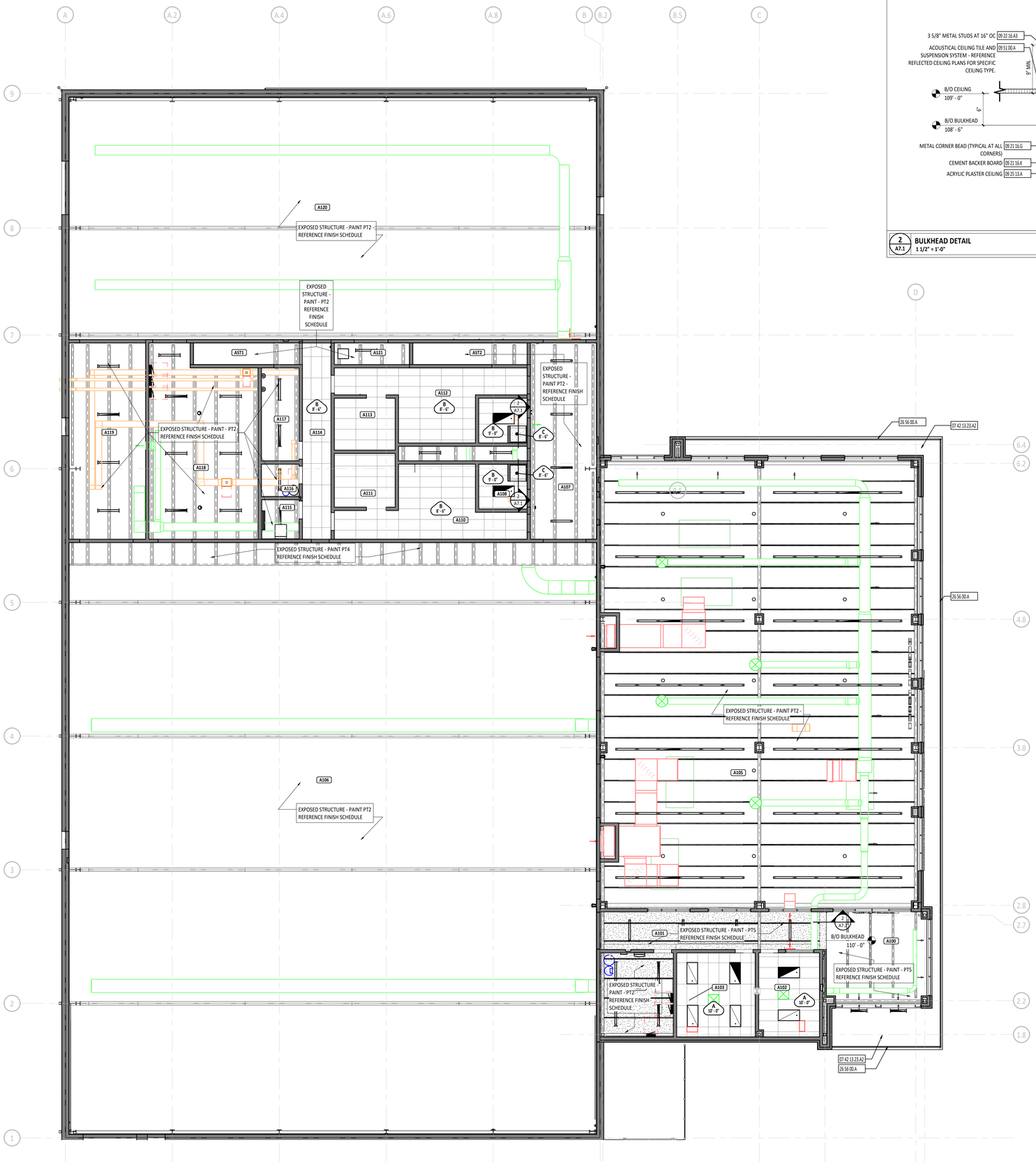
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25041.00	MDB	JCR

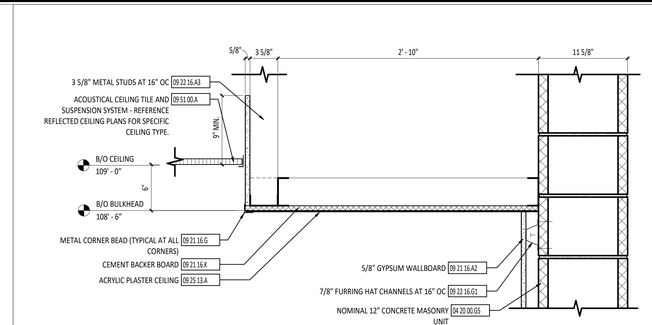
SHEET TITLE:
STOREFRONT & DOOR ELEVATIONS / DETAILS

SHEET NUMBER:
A6.2

PRINTED ON: 12/11/2025 3:51:47 PM

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2 / A7.1 BULKHEAD DETAIL
1 1/2" = 1'-0"

1 / A7.1 FIRST FLOOR REFLECTED CEILING PLAN - UNIT A
1/8" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A100	VESTIBULE	323 SF	
A101	CORRIDOR	291 SF	
A102	COACH OFFICE	178 SF	1
A103	TRAINER	231 SF	2
A104	MECHANICAL / ELECTRICAL ROOM	215 SF	1
A105	WEIGHT ROOM	4,895 SF	98
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF	219
A107	CORRIDOR	455 SF	
A108	FAMILY RESTROOM / SHOWER	74 SF	
A109	FAMILY RESTROOM / SHOWER	73 SF	
A110	MENS RESTROOM	317 SF	
A111	MENS CHANGING ROOM	114 SF	2
A112	WOMENS RESTROOM	307 SF	
A113	WOMENS CHANGING ROOM	111 SF	2
A114	CORRIDOR	199 SF	
A115	TECH ROOM	52 SF	0
A116	CUSTODIAL CLOSET	42 SF	0
A117	LAUNDRY ROOM	122 SF	0
A118	STORAGE ROOM	689 SF	2
A119	CORRIDOR	529 SF	
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF	90
A121	STORAGE	51 SF	0
AST1	STAIR	82 SF	
AST2	STAIR	89 SF	

REFLECTED CEILING PLAN GENERAL NOTES

B ALL CEILINGS ARE TO BE INSTALLED AT 9'-0" AFF, UNLESS NOTED OTHERWISE.
C USE CEILING TYPE A UNLESS NOTED OTHERWISE.
D REFERENCE ELECTRICAL, MECHANICAL AND TECHNOLOGY DRAWINGS FOR MORE INFORMATION ON ALL CEILING MOUNTED DEVICES.
A REFER TO FINISH MATERIAL SCHEDULE ON SHEET A9.0 FOR MANUFACTURER INFORMATION AND MATERIAL SELECTION.
E EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
F TRANSITION TO SQUARE CORNER AT CMU OPENING LOCATIONS WHERE BULKHEAD ALLIGNS WITH WALL

REFLECTED CEILING PLAN SYMBOLS LEGEND

A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
LEVEL ELEVATION — LEVEL LINE
X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
XX XX XX.XX.XX — KEYNOTE DESIGNATION / SPECIFICATION SECTION
CEILING TYPE AND HEIGHT DESIGNATION
A X'-X" — TYPE / HEIGHT
AREA OF DETAIL — SIM — CALLOUT — X / XX.X — DETAIL NUMBER / SHEET NUMBER
SIM — SECTION — X / XX.X — DETAIL NUMBER / SHEET NUMBER

REFLECTED CEILING PLAN MATERIAL PATTERNS LEGEND

CAP CEILING

REFERENCE ELECTRICAL/MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

SOUND SYSTEM CEILING SPEAKER
FIRE ALARM SMOKE OR HEAT DETECTOR
LIGHT FIXTURE
LIGHT FIXTURE
LIGHT FIXTURE
LIGHT FIXTURE
CEILING MOUNTED EXIT SIGN
OCCUPANCY SENSOR
AIR TERMINAL

CEILING SCHEDULE

MARK	DESCRIPTION	NOTES
A	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	3
B	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	3
C	PLASTER CEILING	2
D	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING - BLACK	3

NOTES:
1. REFER TO SPEC SECTION 09 21 16.
2. REFER TO SPEC SECTION 09 25 13.
3. REFER TO SPEC SECTION 09 51 00.
4. REFER TO SPEC SECTION 09 54 23.
5. REFER TO SPEC SECTION 09 84 00.
6. REFER TO SPEC SECTION 09 84 30.

#	KEYNOTE DESCRIPTION
04 20 00.GS	NOMINAL 12" CONCRETE MASONRY UNIT
07 42 13.23.A2	METAL COMPOSITE MATERIAL WALL PANEL - COLOR 2
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 21 16.G	METAL CORNER BEAD (TYPICAL AT ALL CORNERS)
09 21 16.K	CEMENT BACKER BOARD
09 22 16.A3	3 5/8" METAL STUDS AT 16" OC
09 22 16.G1	7/8" FURRING HAT CHANNELS AT 16" OC
09 25 13.A	ACRYLIC PLASTER CEILING
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
26 56 00.A	EXTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS.

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	JCR

SHEET TITLE:
FIRST FLOOR REFLECTED CEILING PLAN

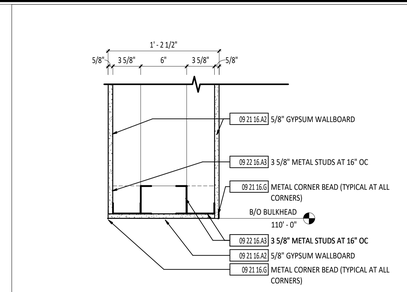
SHEET NUMBER:
A7.1

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1 A7.2 **MEZZANINE FLOOR REFLECTED CEILING PLAN**
1/8" = 1'-0"



2 A7.2 **BULKHEAD DETAIL**
1 1/2" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MEZZANINE		3,103 SF	62
A202	GOLF SIMULATOR		372 SF	7
A203	STORAGE		202 SF	1

REFLECTED CEILING PLAN GENERAL NOTES

B ALL CEILINGS ARE TO BE INSTALLED AT 9'-0" AFF, UNLESS NOTED OTHERWISE.
C USE CEILING TYPE A UNLESS NOTED OTHERWISE.
D REFERENCE ELECTRICAL, MECHANICAL AND TECHNOLOGY DRAWINGS FOR MORE INFORMATION ON ALL CEILING MOUNTED DEVICES.
A REFER TO FINISH MATERIAL SCHEDULE ON SHEET A9.0 FOR MANUFACTURER INFORMATION AND MATERIAL SELECTION.
E EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
F TRANSITION TO SQUARE CORNER AT CMU OPENING LOCATIONS WHERE BULKHEAD ALLIGNS WITH WALL

REFLECTED CEILING PLAN SYMBOLS LEGEND

A201 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
LEVEL ELEVATION — LEVEL LINE
X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
XX XX XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
KEYNOTE DESIGNATION
SPECIFICATION SECTION
A 9'-0" — CEILING TYPE AND HEIGHT DESIGNATION
TYPE
HEIGHT
AREA OF DETAIL — X SIM XX.X — CALLOUT
DETAIL NUMBER
SHEET NUMBER
X SIM XX.X — SECTION
DETAIL NUMBER
SHEET NUMBER

REFLECTED CEILING PLAN MATERIAL PATTERNS LEGEND

CAP CEILING

REFERENCE ELECTRICAL/MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

SOUND SYSTEM CEILING SPEAKER
FIRE ALARM SMOKE OR HEAT DETECTOR
LIGHT FIXTURE
LIGHT FIXTURE
LIGHT FIXTURE
LIGHT FIXTURE
CEILING MOUNTED EXIT SIGN
OS — OCCUPANCY SENSOR
AIR TERMINAL

CEILING SCHEDULE

MARK	DESCRIPTION	NOTES
A	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	3
B	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	3
C	PLASTER CEILING	2
D	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING - BLACK	3

NOTES:
1. REFER TO SPEC SECTION 09 21 16.
2. REFER TO SPEC SECTION 09 25 13.
3. REFER TO SPEC SECTION 09 51 00.
4. REFER TO SPEC SECTION 09 54 23.
5. REFER TO SPEC SECTION 09 84 00.
6. REFER TO SPEC SECTION 09 84 30.

#	KEYNOTE DESCRIPTION
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 21 16.G	METAL CORNER BEAD (TYPICAL AT ALL CORNERS)
09 22 16.A3	3 5/8" METAL STUDS AT 16" OC
26 56 00.A	EXTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS.

STATE OF OHIO — MATTHEW R. HIBNER 1116052 — REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1116052
EXPIRATION DATE: 12/31/2025

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ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MDB	JCR

SHEET TITLE:
MEZZANINE FLOOR REFLECTED CEILING PLAN

SHEET NUMBER:
A7.2

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METAL SHELVING SCHEDULE

MARK	DESCRIPTION	Width	DEPTH	Height	SHELVES	STARTER	ADD ON	NOTES
M01	8000 SERIES SHELVNG - CLOSED	3' - 0"	1' - 6"	7' - 0"	5	•		

TACKBOARD SCHEDULE

MARK	LENGTH	HEIGHT	TOP AFF	BOTTOM AFF	DESCRIPTION	FRAME	NOTES
TB-4x4c	4' - 0"	4' - 0"	7' - 0"	3' - 0"	TACKBOARD	•	

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	NOTES
E01	CUBE ICE MACHINE	SCOTSMAN	CU0515GA-1A	
E02	DRYER - FRONT LOAD	WHIRLPOOL	WTW5020SW	2
E03	WASHER - TOP LOAD	WHIRLPOOL	WTW4816FW	2
E04	SURFACE MOUNTED PROJECTION SCREEN	DA-LITE	92688 MODEL C WITH CSR	

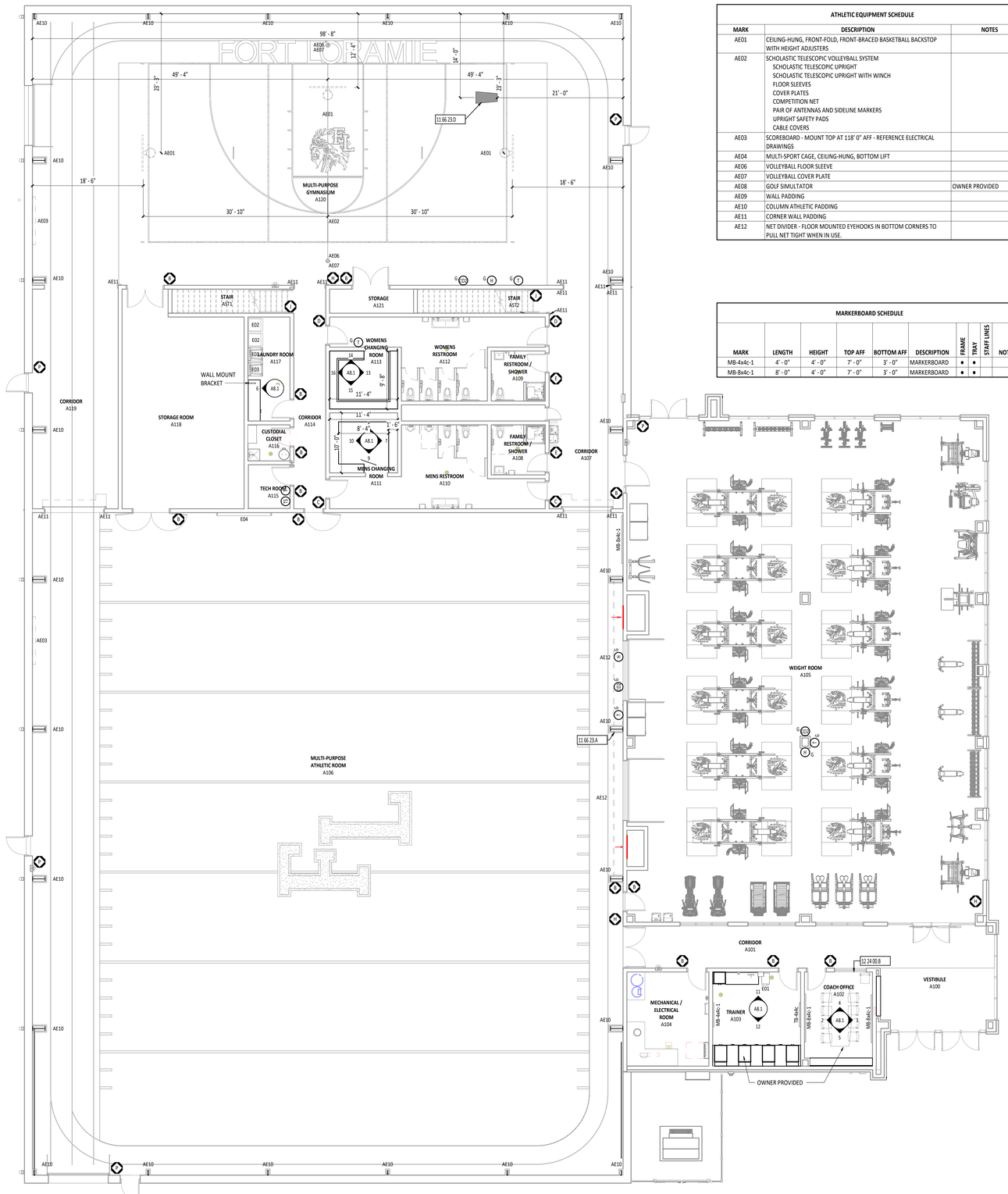
NOTES:
1. TO BE PROVIDED BY LOOSE FURNISHINGS.
2. TO BE PROVIDED BY OWNER

ATHLETIC EQUIPMENT SCHEDULE

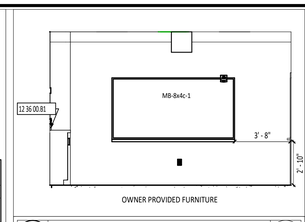
MARK	DESCRIPTION	NOTES
AE01	CEILING-HUNG, FRONT-FOLD, FRONT-BRACED BASKETBALL BACKSTOP WITH HEIGHT ADJUSTERS	
AE02	SCHOLASTIC TELESCOPIC VOLLEYBALL SYSTEM SCHOLASTIC TELESCOPIC UPRIGHT SCHOLASTIC TELESCOPIC UPRIGHT WITH WINCH FLOOR SLEEVES COVER PLATES COMPETITION NET PAIR OF ANTENNAS AND SIDELINE MARKERS UPRIGHT SAFETY PADS CABLE COVERS	
AE03	SCOREBOARD - MOUNT TOP AT 118' 0" AFF - REFERENCE ELECTRICAL DRAWINGS	
AE04	MULTI-SPORT CAGE, CEILING-HUNG, BOTTOM LIFT	
AE06	VOLLEYBALL FLOOR SLEEVE	
AE07	VOLLEYBALL COVER PLATE	
AE08	GOLF SIMULTATOR	OWNER PROVIDED
AE09	WALL PADDING	
AE10	COLUMN ATHLETIC PADDING	
AE11	CORNER WALL PADDING	
AE12	NET DIVIDER - FLOOR MOUNTED EYEHOOKS IN BOTTOM CORNERS TO PULL NET TIGHT WHEN IN USE.	

MARKERBOARD SCHEDULE

MARK	LENGTH	HEIGHT	TOP AFF	BOTTOM AFF	DESCRIPTION	FRAME	TRAY	ST/AFF LINES	NOTES
MB-4x4c-1	4' - 0"	4' - 0"	7' - 0"	3' - 0"	MARKERBOARD	•	•		
MB-8x4c-1	8' - 0"	4' - 0"	7' - 0"	3' - 0"	MARKERBOARD	•	•		

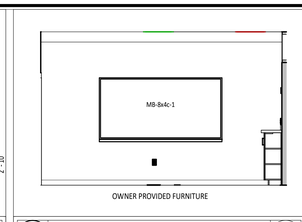


1 A8.1 **FIRST FLOOR EQUIPMENT PLAN - UNIT A**
1/8" = 1'-0"



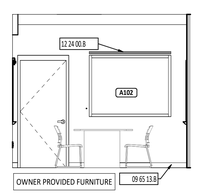
OWNER PROVIDED FURNITURE

2 A8.1 **COACHES OFFICE - A102 WEST**
1/4" = 1'-0"

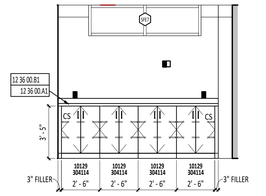


OWNER PROVIDED FURNITURE

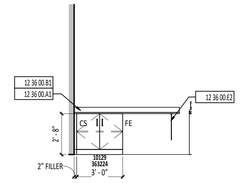
3 A8.1 **DESK ELEVATION - EAST A102**
1/4" = 1'-0"



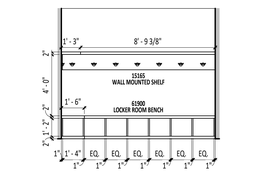
4 A8.1 **DESK ELEVATION - NORTH A102**
1/4" = 1'-0"



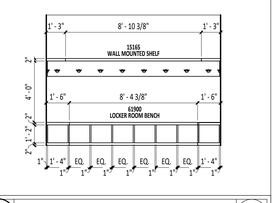
5 A8.1 **DESK ELEVATION - SOUTH A102**
1/4" = 1'-0"



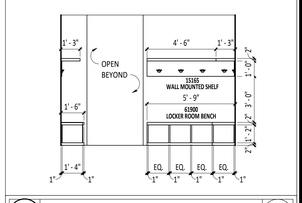
6 A8.1 **LAUNDRY ROOM - A117 WEST**
1/4" = 1'-0"



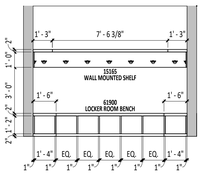
7 A8.1 **MENS LOCKER - A111 EAST**
1/4" = 1'-0"



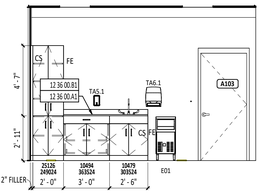
8 A8.1 **MENS LOCKER - A111 NORTH**
1/4" = 1'-0"



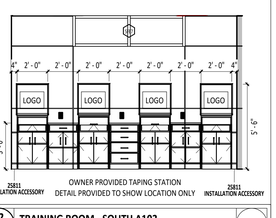
9 A8.1 **MENS LOCKER - A111 SOUTH**
1/4" = 1'-0"



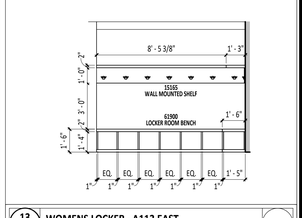
10 A8.1 **MENS LOCKER - A111 WEST**
1/4" = 1'-0"



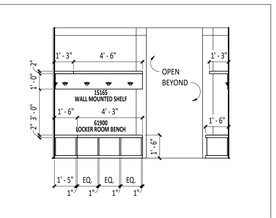
11 A8.1 **NORTH TRAINING ROOM - A103**
1/4" = 1'-0"



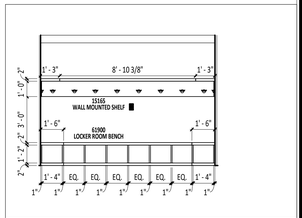
12 A8.1 **TRAINING ROOM - SOUTH A103**
1/4" = 1'-0"



13 A8.1 **WOMENS LOCKER - A113 EAST**
1/4" = 1'-0"



14 A8.1 **WOMENS LOCKER - A113 NORTH**
1/4" = 1'-0"



15 A8.1 **WOMENS LOCKER - A113 SOUTH**
1/4" = 1'-0"

16 A8.1 **WOMENS LOCKER - A113 WEST**
1/4" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A100	VESTIBULE	323 SF	
A101	CORRIDOR	291 SF	
A102	COACH OFFICE	178 SF	1
A103	TRAINER	231 SF	2
A104	MECHANICAL / ELECTRICAL ROOM	215 SF	1
A105	WEIGHT ROOM	4,895 SF	98
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF	219
A107	CORRIDOR	455 SF	
A108	FAMILY RESTROOM / SHOWER	74 SF	
A109	FAMILY RESTROOM / SHOWER	73 SF	
A110	MENS RESTROOM	317 SF	
A111	MENS CHANGING ROOM	114 SF	2
A112	WOMENS RESTROOM	307 SF	
A113	WOMENS CHANGING ROOM	111 SF	2
A114	CORRIDOR	199 SF	
A115	TECH ROOM	52 SF	0
A116	CUSTODIAL CLOSET	42 SF	0
A117	LAUNDRY ROOM	122 SF	0
A118	STORAGE ROOM	689 SF	2
A119	CORRIDOR	529 SF	
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF	90
A121	STORAGE	51 SF	0
AST1	STAIR	82 SF	
AST2	STAIR	89 SF	

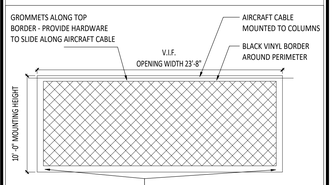
EQUIPMENT GENERAL NOTES

A. KEY CASEWORK LOCKS ALIKE PER ROOM. PROVIDE MASTER KEY FOR ALL LOCKS.
B. FOR ALL SINKS LABELED "ADA" REFERENCE SHEET A0.2.
C. RESILIENT BASE ALONG ALL CABINET BASE FRONTS IS TO BE PROVIDED BY SPECIFICATION SECTION 09 65 13.
D. ALL OPENINGS IN CASEWORK AND COUNTERTOPS TO BE CUT BY CASEWORK CONTRACTOR ONLY.
F. REFERENCE FINISH MATERIAL SCHEDULE FOR LAMINATE COLOR SELECTIONS.
G. GENERAL CONTRACTOR TO VERIFY INTERACTIVE WHITEBOARD SIZES AND PROVIDE A MAXIMUM OF 1" ON EACH SIDE BEFORE INSTALLING MARKERBOARDS AND TACKBOARDS.
H. PROVIDE 36" MAXIMUM GROMMET SPACING AT KNEE SPACE - GROMMET LOCATIONS TO BE IDENTIFIED IN SHOP DRAWINGS.
I. ALL LOCKER BANK FILLERS SHALL BE EQUAL WIDTHS AT EACH END.
J. PROVIDE BLANK BACKER ON OPPOSITE SIDE OF GLASS WHERE SIGNAGE IS MOUNTED TO GLASS - BACKER COLOR TO MATCH SIGNAGE.
K. ALL HORIZONTAL LAMINATE WORKSURFACES TO HAVE 3MM PVC EDGEBANDING MATCHING THE ADJACENT WORKSURFACE LAMINATE.
L. ALL WOOD GRAIN PLASTIC LAMINATE WORKSURFACES TO BE INSTALLED WITH GRAIN RUNNING VERTICALLY UNLESS OTHERWISE NOTED.
M. ALL EXPOSED CABINET ENDS TO RECIEVE FINISH END UNLESS OTHERWISE NOTED.
N. FURNITURE TO BE OWNER PROVIDED

#	KEYNOTE DESCRIPTION
09 65 13.B	RESILIENT BASE - REFERENCE FINISH MATERIAL SCHEDULE.
11 66 23.A	GYMNASIUM EQUIPMENT - REFERENCE ATHLETIC EQUIPMENT SCHEDULE.
11 66 23.D	RECESSED POLE-VAULT TAKE OFF BOX AND RESIN FILLED COVER PLATE - COORDINATE LOCATION WITH OWNER.
12 24 00.B	MANUAL ROLLER SHADE SYSTEM
12 36 00.A1	PLASTIC LAMINATE COUNTERTOP
12 36 00.B1	4" HIGH BACKSPLASH - SAME MATERIAL AS COUNTERTOP AND HEIGHT AS LABELED UNLESS NOTED OTHERWISE
12 36 00.E2	2"W x 16"Hx 21"D COUNTER SUPPORT

CASEWORK AND EQUIPMENT SYMBOLS LEGEND

CS — CASEWORK - CHAIN STOP DESIGNATION
FE — CASEWORK - FINISH END DESIGNATION
* — CASEWORK - MODIFIED FROM STANDARD DESIGNATION
A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
SIGNAGE DESIGNATION - REFERENCE SIGNAGE DETAILS.
LEVEL ELEVATION — LEVEL LINE
XX.XX.XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
KEYNOTE DESIGNATION
SPECIFICATION SECTION
AREA OF DETAIL — SIM — CALLOUT
DETAIL NUMBER
SHEET NUMBER
INTERIOR ELEVATION
DETAIL NUMBER
SHEET NUMBER
SECTION
DETAIL NUMBER
SHEET NUMBER



17 A8.1 **PROTECTIVE NET DETAIL**
12" = 1'-0"

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JCR	Checker

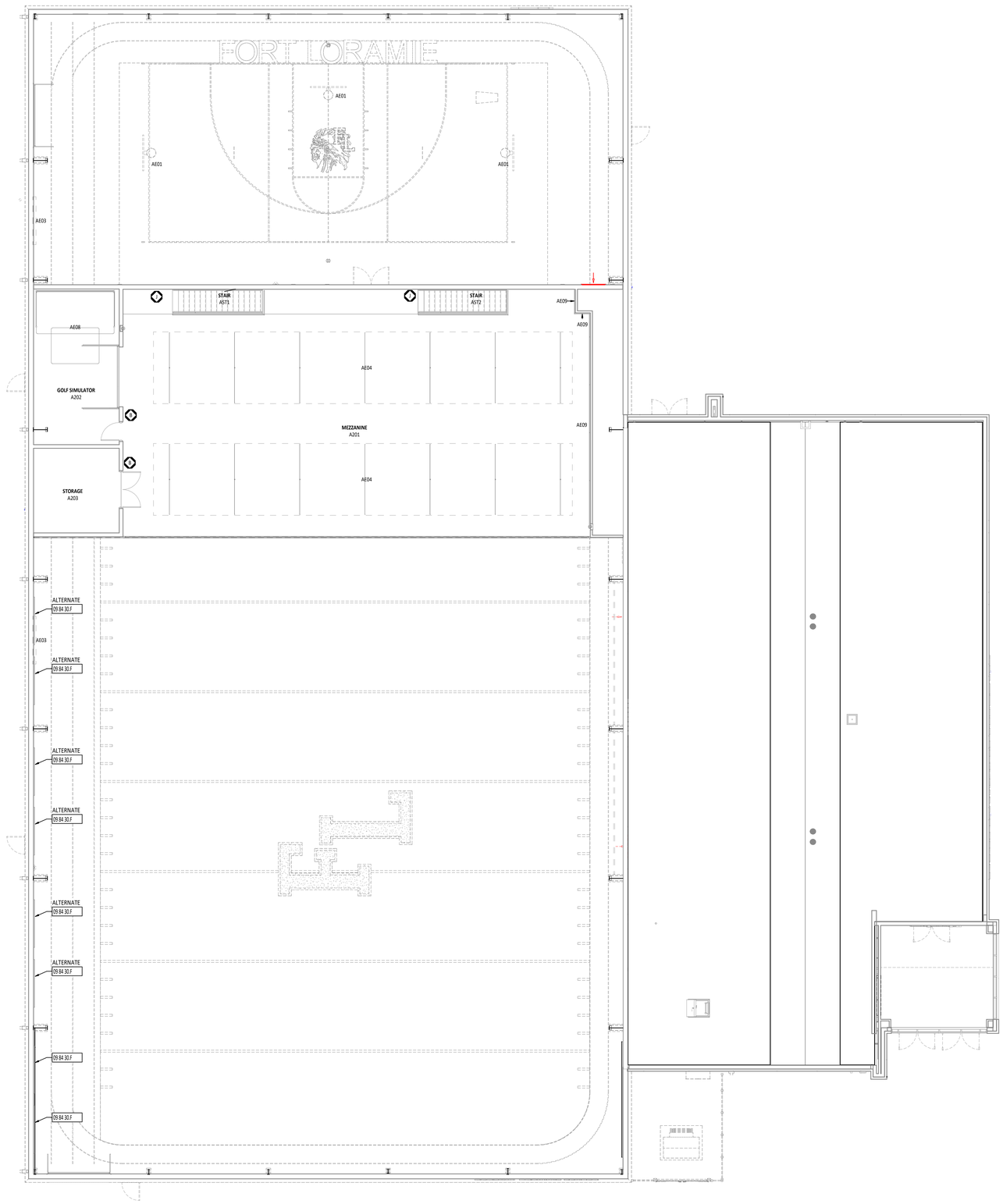
SHEET TITLE:
FIRST FLOOR EQUIPMENT PLAN

SHEET NUMBER:
A8.1

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ALL GYMNASIUM SUPPORTS ARE TO BE COORDINATED WITH PEMB AND EQUIPMENT MANUFACTURERS. ALL ADDITIONAL SUPPORTS TO BE PROVIDED BY PEMB MANUFACTURER



1 A8.2 **SECOND FLOOR EQUIPMENT PLAN - UNIT A**
1/8" = 1'-0"

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	NOTES
E01	CUBE ICE MACHINE	SCOTSMAN	CU0515GA-1A	
E02	DRYER - FRONT LOAD	WHIRLPOOL	WTW5020SW	2
E03	WASHER - TOP LOAD	WHIRLPOOL	WTW4816FW	2
E04	SURFACE MOUNTED PROJECTION SCREEN	DA-LITE	92688 MODEL C WITH CSR	

NOTES:
1. TO BE PROVIDED BY LOOSE FURNISHINGS.
2. TO BE PROVIDED BY OWNER

TACKBOARD SCHEDULE

MARK	LENGTH	HEIGHT	TOP AFF	BOTTOM AFF	DESCRIPTION	FRAME	NOTES
TB-4x4c	4' - 0"	4' - 0"	7' - 0"	3' - 0"	TACKBOARD	•	

MARKERBOARD SCHEDULE

MARK	LENGTH	HEIGHT	TOP AFF	BOTTOM AFF	DESCRIPTION	FRAME	TRAY	STAFF LINES	NOTES
MB-4x4c-1	4' - 0"	4' - 0"	7' - 0"	3' - 0"	MARKERBOARD	•	•		
MB-8x4c-1	8' - 0"	4' - 0"	7' - 0"	3' - 0"	MARKERBOARD	•	•		

ATHLETIC EQUIPMENT SCHEDULE

MARK	DESCRIPTION	NOTES
AE01	CEILING-HUNG, FRONT-FOLD, FRONT-BRACED BASKETBALL BACKSTOP WITH HEIGHT ADJUSTERS	
AE02	SCHOLASTIC TELESCOPIC VOLLEYBALL SYSTEM SCHOLASTIC TELESCOPIC UPRIGHT SCHOLASTIC TELESCOPIC UPRIGHT WITH WINCH FLOOR SLEEVES COVER PLATES COMPETITION NET PAIR OF ANTENNAS AND SIDELINE MARKERS UPRIGHT SAFETY PADS CABLE COVERS	
AE03	SCOREBOARD - MOUNT TOP AT 118' 0" AFF - REFERENCE ELECTRICAL DRAWINGS	
AE04	MULTI-SPORT CAGE, CEILING-HUNG, BOTTOM LIFT	
AE06	VOLLEYBALL FLOOR SLEEVE	
AE07	VOLLEYBALL COVER PLATE	
AE08	GOLF SIMULTATOR	OWNER PROVIDED
AE09	WALL PADDING	
AE10	COLUMN ATHLETIC PADDING	
AE11	CORNER WALL PADDING	
AE12	NET DIVIDER - FLOOR MOUNTED EYEHOOKS IN BOTTOM CORNERS TO PULL NET TIGHT WHEN IN USE.	

EQUIPMENT GENERAL NOTES

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N FURNITURE TO BE OWNER PROVIDED

#	KEYNOTE DESCRIPTION
09 84 30.F	SOUND-ABSORBING WALL UNIT - REFERENCE FINISH MATERIAL SCHEDULE.

CASEWORK AND EQUIPMENT SYMBOLS LEGEND

CS CASEWORK - CHAIN STOP DESIGNATION
FE CASEWORK - FINISH END DESIGNATION
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KEYNOTE DESIGNATION
SPECIFICATION SECTION
AREA OF DETAIL — X / XX.X — SIM — CALLOUT
DETAIL NUMBER
SHEET NUMBER
X / X XX.X X — INTERIOR ELEVATION
DETAIL NUMBER
SHEET NUMBER
X / X XX.X — SIM — SECTION
DETAIL NUMBER
SHEET NUMBER

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MEZZANINE		3,103 SF	62
A202	GOLF SIMULATOR		372 SF	7
A203	STORAGE		202 SF	1

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

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25041.00	Author	Checker

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SECOND FLOOR EQUIPMENT PLAN

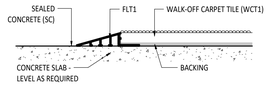
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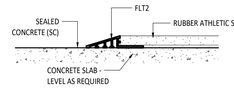
FINISH MATERIAL SCHEDULE

NAME	MANUFACTURER	STYLE	NUMBER	COLOR	SIZE	COMMENTS
03 35 00 CONCRETE FINISHING - SEALED CONCRETE						
SC	REFER TO SPECIFICATIONS	REFERE TO SPECIFICATIONS	- -	GRAY	- -	
09 51 00 ACOUSTICAL CEILINGS - SUSPENSION SYSTEM						
TYPE A	ARMSTRONG	PRELUDE XL	- -	WHITE	15/16" WIDE FACE	TO BE USED WITH ACOUSTICAL CEILING TYPE "A"
TYPE B	ARMSTRONG	PRELUDE XL	- -	BLACK	15/16" WIDE FACE	TO BE USED WITH ACOUSTICAL CEILING TYPE "B"
09 51 00 ACOUSTICAL CEILINGS - TILE						
TYPE A	ARMSTRONG	SCHOOL ZONE FINE FISSURED	1714	WHITE	24"X48"	SQUARE EDGE, 81% LIGHT REFLECTANCE, .70 MINIMUM NRC, SAF RESISTANT, ANIT-MICROBIAL, USE WITH SUSPENSION SYSTEM TYPE A
TYPE B	ARMSTRONG	SCHOOL ZONE FINE IFSSURED	1714	BLACK	24"X48"	SQUARE EDGE, 81% LIGHT REFLECTANCE, .70 MINIMUM NRC, SAF RESISTANCE, ANTI-MICROBIAL NRC, SAF RESISTANT, ANTI-MICROBIAL, USE WITH SUSPENSION SYSTEM TYPE B
09 62 53 SYNTHETIC TURF - SPORTS TURF SURFACE						
STS1	MOTZ GROUP	24/ SEVEN SYNTHETIC	- -	FIELD GREEN	1.625" PILE HEIGHT	ENVIROFILL INFILL INCLUDED. SCHMITZ PROPLAY (20MM) SHOCK PAD UNDER TURF SURFACE
STS2	MOTZ GROUP	24/ SEVEN SYNTHETIC	- -	LIME GREEN	1.625" PILE HEIGHT	ENVIROFILL INFILL INCLUDED. SCHMITZ PROPLAY (20MM) SHOCK PAD UNDER TURF SURFACE
STS3	MOTZ GROUP	ELEVATE 28	- -	GREEN	0.5" PILE HEIGHT	
09 65 00 RESILIENT FLOORING - FLOOR TRANSITIONS						
FLT1	SCHLUTER	RENO-RAMP	- -	ANODIZED ALUMINUM	12.5 MM HEIGHT	
FLT2	SCHLUTER	RENO-RAMP K	- -	SATIN ANODIZED ALUMINUM	10 MM HEIGHT	
FLT3	POWERHOLD	SQUARE CAP EXTENDED LIP	908	TBD	8 MM	
FLT4	SCHLUTER	RENO-TK	- -	SATIN ANODIZED ALUMINUM	10 MM HEIGHT	
FLT5	SCHLUTER	DECO	- -	STAINLESS STEEL	17 MM HEIGHT	
09 65 13 RESILIENT BASE & ACCESSORIES - RESILIENT STAIR TREADS						
RST1	JOHNSONITE	ANGLE FIT RUBBER STAIR TREAD WITH INTEGRAL TREAD	40	BLACK	- -	RAISED ROUND
09 65 13 RESILIENT BASE & ACCESSORIES - RUBBER BASE						
RB1	JOHNSONITE	TRADITIONAL WALL BASE	40	BLACK	4"	
RB2	JOHNSONITE	TRADITIONAL WALL BASE	40	BLACK	6"	
09 65 66 - RESILIENT ATHLETIC FLOORING - MULTIPURPOSE ATHLETIC SURFACE						
RA1	ECORE	OSSTRAX	TC-42	DEEP GREY	10 MM HEIGHT	ROLLED
RA2	ECORE	TRUCOURT	TC-40	LIGHT GREY	10 MM HEIGHT	ROLLED
09 65 66 RESILIENT ATHLETIC FLOORING - ROLLED RUBBER						
RR1	ECORE	PERFORMANCE BEAST PLUS	ES104	CARDINALS	10.5 MM THICK	ROLLED
RR2	ECORE	PERFORMANCE BEAST PLUS	ES00	JET BLACK	10.5 MM THICK	ROLLED
RR3	ECORE	PERFORMANCE BEAST PLUS	ES504	MEDIUM GRAY	10.5 MM THICK	ROLLED
09 65 66 RESILIENT FLOORING - RUBBER TILE						
RF1	TARKETT	INERTIA MULTIFUNCTIONAL AND SPORTS RUBBER TILE	XC6	ERIE	24" x 24", 1/4" THICK	TILE
09 67 23 RESINOUS FLOORING (ALTERNATE)						
RES1	DUR-A-FLEX	DUR-A-FLAKE	- -	CUSTOM	- -	TORGINOL CUSTOM BLEND: F9903 1/4" 40%, F2250 1/4" 50%, F1050 1/4" 5%, F1050 1/8" 5%
09 68 13 TILE CARPETING - WALK-OFF CARPET						
WCT1	MILLIKEN	OBEX - TILE - CUT/CONTOUR	CNC60-27	GREY W/RED	50 CM X 50 CM	MONOLITHIC INSTALLATION PATTERN
09 84 30 ACOUSTICAL PANELS - TECTUM WALL PANEL (ALTERNATE)						
AWP1	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	8182T10	CUSTOM	23-3/4" X 48" - 1" THICK	COLOR TO MATCH WALL MULTI-PURPOSE GYM WALL
AWP2	ARMSTRONG	TECTUM DIRECT-ATTACH WALLS	8181T10	CUSTOM	23-3/4" X 96" - 1" THICK	COLOR TO MATCH WALL MULTI-PURPOSE GYM WALL
09 84 30 ACOUSTICAL PANELS - WALL PANEL						
AWP3	AUTEX	CUBE	- -	PETRONAS	1" THICK	
09 91 23 PAINTING - EPOXY PAINT						
EPT2	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW7661	REFLECTION	- -	
EPT3	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW7650	ELLIE GRAY	- -	
EPT4	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW6993	BLACK OF NIGHT	- -	
EPT5	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW6868	REAL RED	- -	
09 91 23 PAINTING - PAINT						
PT1	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW7757	HIGH REFLECTIVE WHITE	- -	
PT2	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW7661	REFLECTION	- -	
PT3	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW7650	ELLIE GRAY	- -	
PT4	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW6993	BLACK OF NIGHT	- -	
PT5	SHERWIN-WILLIAMS	REFER TO SPECIFICATION	SW6868	REAL RED	- -	
10 21 13 COMPARTMENTS AND CUBICLES - TOILET PARTITION						
TPN1	ASI	SOLID HDPE PLASTIC PARTITIONS	9205	BLACK	- -	REFER TO SPECIFICATIONS
10 26 00 - DOOR AND WALL PROTECTION - CORNERGAURD						
CG1	INPRO	150D HIGH IMPACT END WALL PROTECTOR	- -	BLACK	8"H, 3" WINGS	MOUNT 4" FROM FINISHED FLOOR TO BOTTOM OF CORNER GUARD, AT EDGE OF RUBBER BASE.
10 26 23 - PROTECTIVE WALL COVERING - FRP						
FRP1	MARLITE	FIBERGLASS REINFORCED PANEL	P430N	MEDIUM GRAY	- -	
12 24 00 WINDOW SHADES- ROLLER SHADE						
RS1	MERMET	E SCREEN 1%	- -	CHARCOAL/GREY	- -	REFER TO SPECIFICATIONS
12 35 50.13 EDUCATIONAL CASEWORK - CASEWORK HARDWARE						
CH1	STEVENS INDUSTIRES	ARTISAN COLLECTION - CURVED BAR 128	SA018MN	SATIN NICKEL	- -	
12 35 50.13 EDUCATIONAL CASEWORK - PLASTIC LAMINATE						
LT1	FORMICA	STANDARD HIGH PRESSURE LAMINATE	9312-58	BLACK SHALESTONE	- -	
LT2	FORMICA	STANDARD HIGH PRESSURE LAMINATE	7996-38	NATURAL RECON	- -	
12 36 00 COUNTERTOPS - SOLID SURFACE SILLS						
SSM1	WILSONART	SOLID SURFACE	9105CS	NIGHT STARS	-	

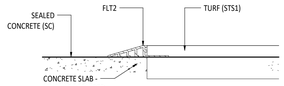


PROVIDE TROWELABLE UNDERLAYMENT AS REQUIRED TO ALLOW FOR FLUSH AND LEVEL TRANSITION.

1 / A9.0 — FLOOR TRANSITION - SEALED CONCRETE TO WALK-OFF CARPET TILE
6" = 1'-0"

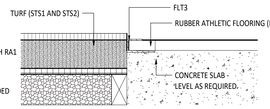


2 / A9.0 — FLOOR TRANSITION - SEALED CONCRETE TO RUBBER ATHLETIC SURFACE
6" = 1'-0"



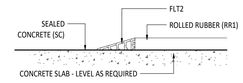
INFILL AT SAME LEVEL AS FINISHED FLOOR

3 / A9.0 — FLOOR TRANSITION - SEALED CONCRETE TO TURF
6" = 1'-0"

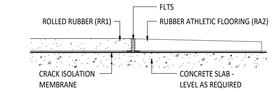


PROVIDE TROWELABLE UNDERLAYMENT AS REQUIRED TO ALLOW FOR FLUSH AND LEVEL TRANSITION.

4 / A9.0 — FLOOR TRANSITION - TURF TO RUBBER ATHLETIC FLOORING
6" = 1'-0"

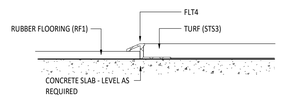


5 / A9.0 — FLOOR TRANSITION - SEALED CONCRETE TO ROLLED RUBBER FLOORING
6" = 1'-0"



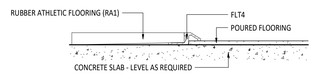
PROVIDE TROWELABLE UNDERLAYMENT AS REQUIRED TO ALLOW FOR FLUSH AND LEVEL TRANSITION.

6 / A9.0 — FLOOR TRANSITION - ROLLED RUBBER TO RUBBER ATHLETIC FLOORING
6" = 1'-0"



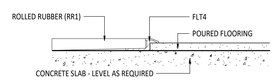
PROVIDE TROWELABLE UNDERLAYMENT AS REQUIRED TO ALLOW FOR FLUSH AND LEVEL TRANSITION.

10 / A9.0 — FLOOR TRANSITION - RUBBER FLOORING (RF1) TO TURF (STS3)
6" = 1'-0"

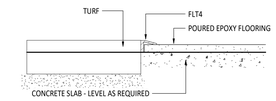


PROVIDE TROWELABLE UNDERLAYMENT AS REQUIRED TO ALLOW FOR FLUSH AND LEVEL TRANSITION.

7 / A9.0 — FLOOR TRANSITION - ALTERNATE - RESINOUS EPOXY FLAKE TO RUBBER ATHLETIC FLOORING
6" = 1'-0"



8 / A9.0 — FLOOR TRANSITION - ALTERNATE - RESINOUS EPOXY FLAKE TO ROLLED RUBBER FLOORING
6" = 1'-0"



9 / A9.0 — FLOOR TRANSITION - ALTERNATE - RESINOUS EPOXY FLAKE TO TURF
6" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

ACT	ACOUSTICAL CEILING TILE	MCP	METAL CEILING PANEL
ACR	ACOUSTIC CEILING REFLECTOR	MT	METAL TRIM
AMF	ARCHITECTURAL METAL FINISH	PC	POLISHED CONCRETE
AWP	ACOUSTICAL WALL PANEL	PP	POLYASPARTIC POLYUREA
BB	BURNISHED BLOCK BASE	PT	PAINT
BG	BUMPER GUARD	QT	QUARRY TILE
CC	CUBICLE CURTAIN	QZ	QUARTZ
CF	CONCRETE FINISH	RA	RUBBER ATHLETIC FLOOR
CG	CORNER GUARD	RB	RESILIENT BASE
CH	CABINET HARDWARE	RES	RESINOUS FLOORING
CMU	CONCRETE MASONRY UNIT	RF	RUBBER FLOORING
CPT	CARPET	RS	ROLLERSHADE
CR	CRASH RAIL	RST	RUBBER STAIR TREADS
CT	CERAMIC TILE	SC	SEALED CONCRETE
DF	DRAPERY FABRIC	SDG	SUSPENDED DECORATIVE GRID
DH	DECORATIVE HARDWARE	SS	STAINLESS STEEL
DP	DECORATIVE PANEL	SSM	SOLID SURFACE MATERIAL
EPF	EPOXY POURED FLOOR	ST	STONE
EFG	ENTRANCE FLOOR GRILL	SV	SHEET VINYL
EPT	EPOXY PAINT	SWP	SHEET WALL PROTECTION
EXP	EXPOSED STRUCTURE	TF	TACKABLE FABRIC
FB	FACE BRICK VENEER	TG	TILE GROUT
FLT	FLOOR TRANSITION	TZ	EPOXY TERRAZZO
FT	FLOOR TILE	UPH	UPHOLSTERY TEXTILE
FWS	FABRIC WALL SYSTEM	VB	VENTED RESILIENT BASE
GL	GLAZING	VT	VINYL TILE
GT	GLASS TILE	VWC	VINYL WALLCOVERING
GWB	GYPSUM WALLBOARD	WCP	WOOD CEILING PANEL
HC	HARDENED CONCRETE	WCT	WALK OFF CARPET
HPC	HIGH PERFORMANCE COATING	WD	WOOD
HR	HANDRAIL	WF	WOOD FLOOR
L	LINOLEUM	WT	WALL TILE
LE	LAMINATE EDGEBANDING	WTP	WOOD TRIM PROFILE
LKR	LOCKER		
LP	LAMINATE PANEL		
LT	PLASTIC LAMINATE		

TYPICAL FINISHES

* UNLESS NOTED OTHERWISE, THESE FINISH SELECTIONS SHALL BE USED THROUGHOUT THE PROJECT. CONTRACTOR SHOULD BRING ANY DISCREPANCIES TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

CASEWORK HARDWARE	CH1
EXPOSED HVAC ELEMENTS (CEILING)	MATCH PT2
EXPOSED HVAC ELEMENTS (WALLS)	MATCH ADJACENT WALL FINISH
EXPOSED STRUCTURE (CEILING)	REFERENCE REFLECTED CEILING PLAN
EXPOSED METAL DECK	MATCH PT1
GWB CEILINGS AND BULKHEADS	REFERENCE REFLECTED CEILING PLAN
HOLLOW METAL DOOR FRAMES	PT4
HOLLOW METAL DOORS	PT4
HOLLOW METAL RAILING	PT3
INTERIOR WOOD DOORS	WD1
LAMINATE CASEWORK (HORIZONTAL)	LT1
LAMINATE CASEWORK (VERTICAL)	LT2
STAIR STRINGERS	PT4
SWITCH PLATES AND OUTLET COVERS	WHITE
TOILET PARTITIONS	TP1
WOOD STAIRS, BENCHES, TRIM WORK	MATCH WD1

#	KEYNOTE DESCRIPTION

STATE OF OHIO
MATTHEW R. HIBNER
14160652
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmillergroup.com

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MEK	HEF

SHEET TITLE:

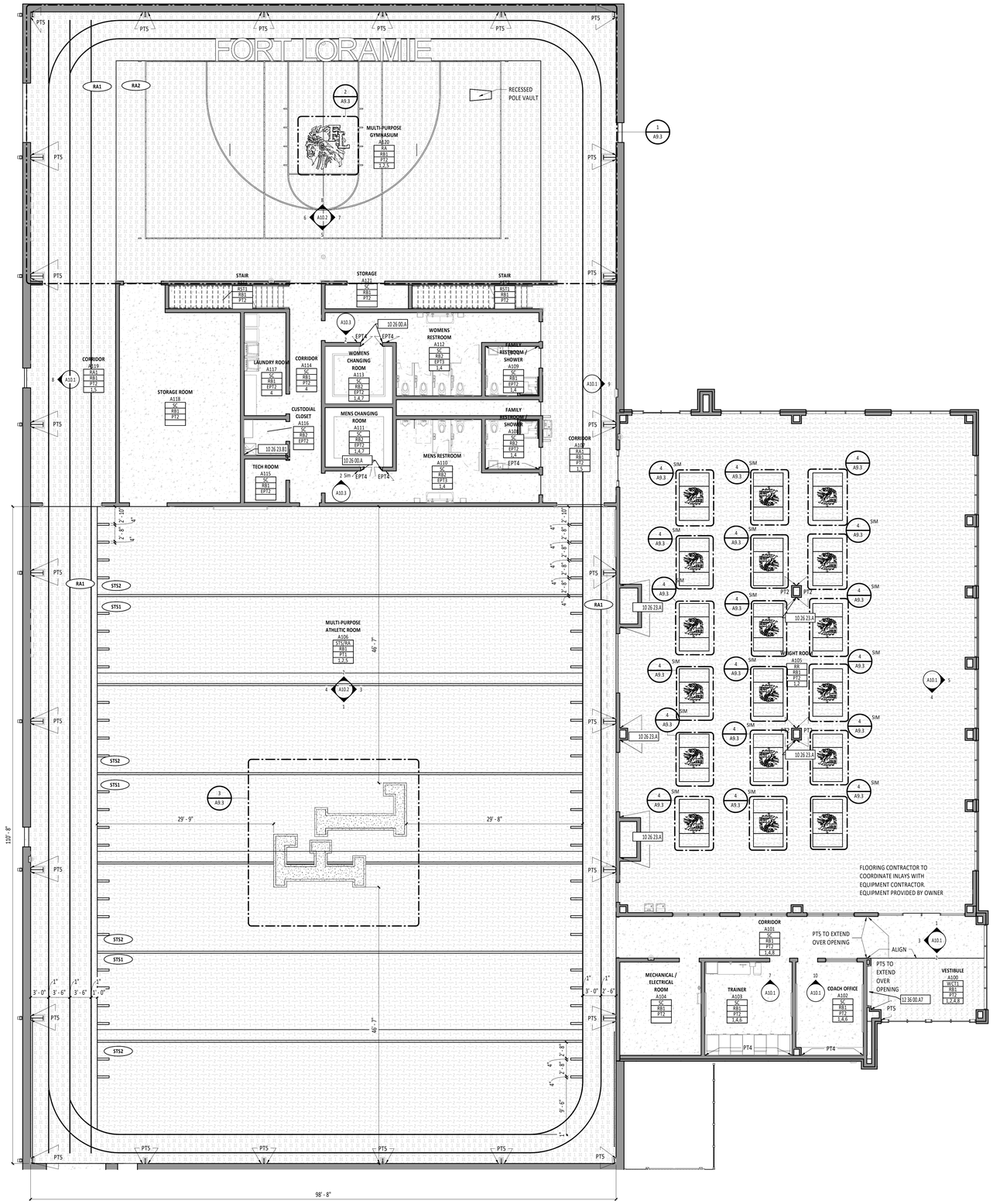
FINISH MATERIALS AND DETAILS

SHEET NUMBER:

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1 / A9.1 FIRST FLOOR FINISH PLAN - UNIT A
1/8" = 1'-0"

FLOOR FINISH MATERIAL LEGEND

WALK-OFF CARPET 1	WCT1	SEALED CONCRETE	SC
RESILIENT STAIR TREAD 1	RST1	RUBBER ATHLETIC FLOORING 1	RA1
ROLLED RUBBER FLOORING 1	RR1	RUBBER ATHLETIC FLOORING 2	RA2
ROLLED RUBBER FLOORING 2	RR2	SPORTS TURF SURFACE 1	STS1
ROLLED RUBBER FLOORING 3	RR3	SPORTS TURF SURFACE 2	STS2
RUBBER FLOORING 1	RF1	SPORTS TURF SURFACE 3	STS3

FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A100	VESTIBULE	323 SF	
A101	CORRIDOR	291 SF	
A102	COACH OFFICE	178 SF	1
A103	TRAINER	231 SF	2
A104	MECHANICAL / ELECTRICAL ROOM	215 SF	1
A105	WEIGHT ROOM	4,895 SF	98
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF	219
A107	CORRIDOR	455 SF	
A108	FAMILY RESTROOM / SHOWER	74 SF	
A109	FAMILY RESTROOM / SHOWER	73 SF	
A110	MENS RESTROOM	317 SF	
A111	MENS CHANGING ROOM	114 SF	2
A112	WOMENS RESTROOM	307 SF	
A113	WOMENS CHANGING ROOM	111 SF	2
A114	CORRIDOR	199 SF	
A115	TECH ROOM	52 SF	0
A116	CUSTODIAL CLOSET	42 SF	0
A117	LAUNDRY ROOM	122 SF	0
A118	STORAGE ROOM	689 SF	2
A119	CORRIDOR	529 SF	
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF	90
A121	STORAGE	51 SF	0
AST1	STAIR	82 SF	
AST2	STAIR	89 SF	

FLOOR FINISHES GENERAL NOTES

A. FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.
B. FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.
C. TRANSITION STRIPS ARE REQUIRED IN ALL INSTANCES WHERE A FLOOR MATERIAL TRANSITION OCCURS. REFER TO TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
D. FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.
E. REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.
F. REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL INFORMATION.
G. ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
H. REFERENCE FINISH FLOOR MATERIAL LEGEND FOR SPECIFIC FLOORING MATERIAL AND COLOR.
I. REFER TO DIRECTIONAL ARROW ON FINISH FLOOR PLANS WHERE PROVIDED FOR FLOORING INSTALLATION INSTRUCTIONS
J. REFERENCE SHEETS A9.0 FOR INTERIOR FINISH ALTERATES.
K. WALL SUPPLY REGISTERS/GRILLES TO BE FIELD PAINTED TO MATCH ADJACENT WALL COLOR. REFERENCE SECTION 23 37 00 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
L. OUTER CORNERS AND EXPOSED EDGES OF WALL TILE TO HAVE TILE FINISHING TRIM - REFERENCE TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
M. EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
N. ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
O. PRIOR TO FLOORING INSTALLATION. VERIFY SUBFLOOR CONDINTIONS MEET MANUFACTURER'S STANDARD REQUIREMENTS.

#	KEYNOTE DESCRIPTION
10 26 00.A	Corner guard - cg1 reference finish material schedule on sheet a9.0 for more details
10 26 23.A	Vinyl wall covering to wrap surface - reference a12 sheet for more details
10 26 23.B1	FIBERGLASS REINFORCED PANELING BACKSPLASH - 4'-0"H x 2'-0"W MININUM BEYOND EACH CORNER OF FLOOR SERVICE SINK
12 36 00.A7	SOLID SURFACING COUNTERTOP

FINISH TAG LEGEND

A1XX — ROOM NUMBER

FLOOR FINISH	RF1
BASE FINISH	RB1
WALL FINISH	PT1
FINISH REMARK*	2

*REMARKS NUMBERS COORDINATE WITH "INTERIOR FINISH REMARKS" NOTES LEGEND ABOVE

MATERIALS NOTED IN FINISH TAG SHOULD BE CONSIDERED THE OVERALL FINISHES IN THE ROOM MARKED UNLESS NOTED OTHERWISE WITH KEYNOTES ON FINISH PLAN OR INTERIOR ELEVATIONS.

INTERIOR FINISH REMARKS

1. MULTIPLE WALL FINISHES IN THIS ROOM. REFER TO INFORMATION NOTED ON FINISH PLANS AND INTERIOR ELEVATIONS.
2. MULTIPLE FLOOR FINISHES IN THIS ROOM. REFER TO NOTED INFORMATION ON FINISH PLANS.
3. INTEGRAL COVE BASE IN THIS ROOM. REFER TO TYPICAL DETAIL ON SHEET A9.0A.
4. PROVIDE EPOXY FLOORING IN THIS ROOM AS AN ALTERNATE.
5. PAINT STRIPING PATTERN IN THIS ROOM, U.N.O. PT1 FROM FINISHED FLOOR UP TO 2'-0" AFF, PT5 FROM 2'-0" TO 4'-0", PT1 FROM 4'-0" TO 6'-0", PT5 FROM 6'-0" TO 8'-0", PT1 ABOVE. REFERENCE A10 SHEETS FOR ADDITIONAL INFORMATION..
6. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. PT2 FROM FINISHED FLOOR UP TO 9'-3" AFF, PT4 ABOVE.
7. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. EPT2 FROM FINISHED FLOOR UP TO 8'-0" AFF, EPT4 ABOVE. REFERENCE ELEVATION 2/A10.3
8. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. PT2 FROM FINISHED FLOOR UP TO 9'-4" AFF, PT4 FROM 9'-4" TO 10'-0, PT2 ABOVE. REFERENCE A10 SHEETS FOR ADDITIONAL INFORMATION.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

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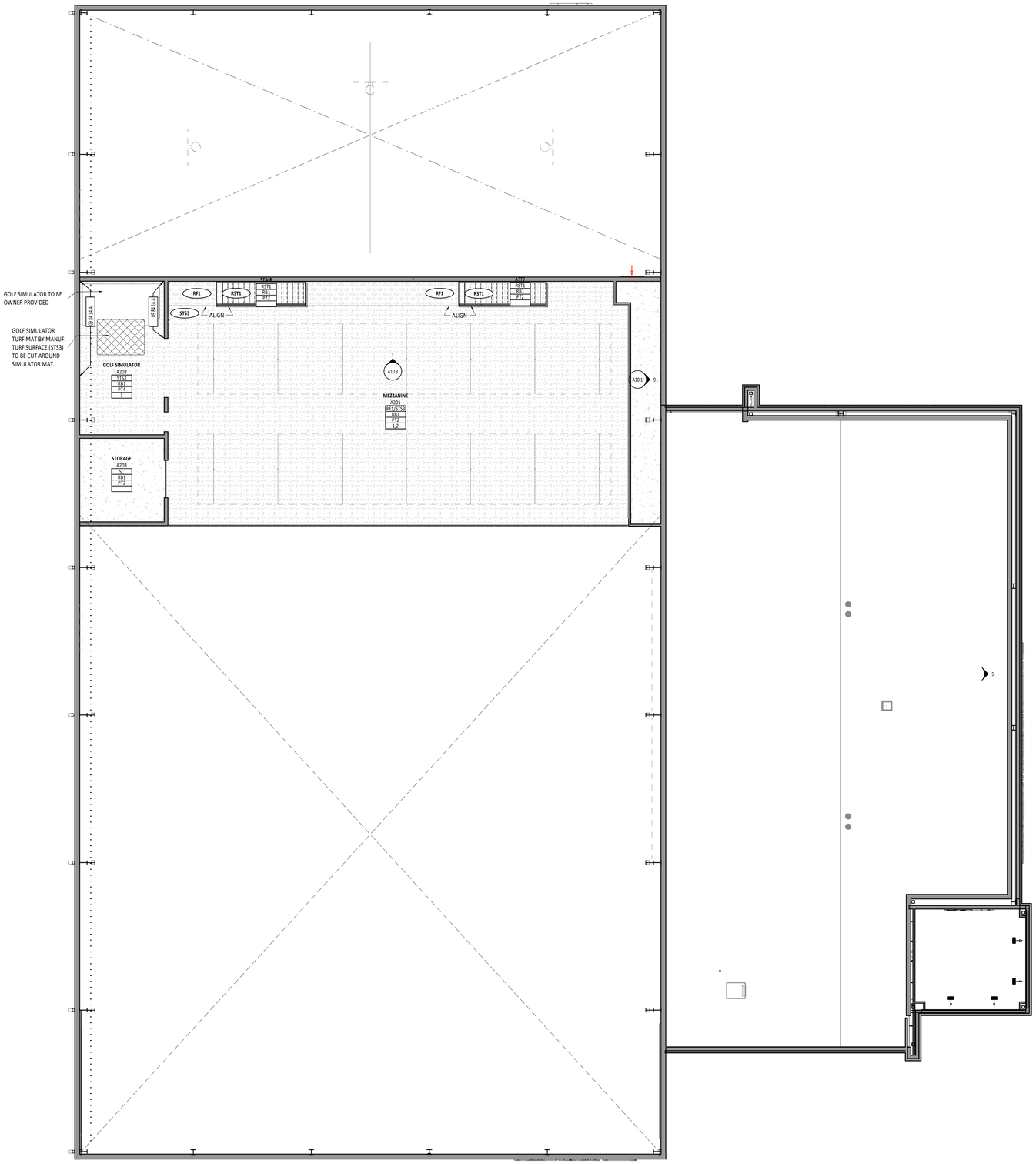
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SHEET TITLE:
FIRST FLOOR FINISHES PLAN

SHEET NUMBER:
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1 / A9.2 **SECOND FLOOR FINISH PLAN - UNIT A**
1/8" = 1'-0"

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FLOOR FINISH MATERIAL LEGEND

WALK-OFF CARPET 1	WCT1	SEALED CONCRETE	SC
RESILIENT STAIR TREAD 1	RST1	RUBBER ATHLETIC FLOORING 1	RA1
ROLLED RUBBER FLOORING 1	RR1	RUBBER ATHLETIC FLOORING 2	RA2
ROLLED RUBBER FLOORING 2	RR2	SPORTS TURF SURFACE 1	STS1
ROLLED RUBBER FLOORING 3	RR3	SPORTS TURF SURFACE 2	STS2
RUBBER FLOORING 1	RF1	SPORTS TURF SURFACE 3	STS3

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MEZZANINE		3,103 SF	62
A202	GOLF SIMULATOR		372 SF	7
A203	STORAGE		202 SF	1

FLOOR FINISHES GENERAL NOTES

A FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.
B FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.
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J REFERENCE SHEETS A9.0 FOR INTERIOR FINISH ALTERATES.
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L OUTER CORNERS AND EXPOSED EDGES OF WALL TILE TO HAVE TILE FINISHING TRIM - REFERENCE TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
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O PRIOR TO FLOORING INSTALLATION. VERIFY SUBFLOOR CONDINTIONS MEET MANUFACTURER'S STANDARD REQUIREMENTS.

#	KEYNOTE DESCRIPTION
09 84 14.A	Acoustic wall panel, awp3 from finished floor up to 8'-0" a.F.F.

FINISH TAG LEGEND

A1XX — ROOM NUMBER

FLOOR FINISH	RF1
BASE FINISH	RB1
WALL FINISH	PT1
FINISH REMARK*	2

*REMARKS NUMBERS COORDINATE WITH "INTERIOR FINISH REMARKS" NOTES LEGEND ABOVE

MATERIALS NOTED IN FINISH TAG SHOULD BE CONSIDERED THE OVERALL FINISHES IN THE ROOM MARKED UNLESS NOTED OTHERWISE WITH KEYNOTES ON FINISH PLAN OR INTERIOR ELEVATIONS.

INTERIOR FINISH REMARKS

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3. INTEGRAL COVE BASE IN THIS ROOM. REFER TO TYPICAL DETAIL ON SHEET A9.0A.
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5. PAINT STRIPING PATTERN IN THIS ROOM, U.N.O. PT1 FROM FINISHED FLOOR UP TO 2'-0" AFF, PT5 FROM 2'-0" TO 4'-0", PT1 FROM 4'-0" TO 6'-0", PT5 FROM 6'-0" TO 8'-0", PT1 ABOVE. REFERENCE A10 SHEETS FOR ADDITIONAL INFORMATION.
6. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. PT2 FROM FINISHED FLOOR UP TO 9'-3" AFF, PT4 ABOVE.
7. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. EPT2 FROM FINISHED FLOOR UP TO 8'-0" AFF, EPT4 ABOVE. REFERENCE ELEVATION 2/A10.3
8. PAINT STRIPING PATTERN ON ALL WALLS IN THIS ROOM, U.N.O. PT2 FROM FINISHED FLOOR UP TO 9'-4" AFF, PT4 FROM 9'-4" TO 10'-0, PT2 ABOVE. REFERENCE A10 SHEETS FOR ADDITIONAL INFORMATION.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDINGS FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

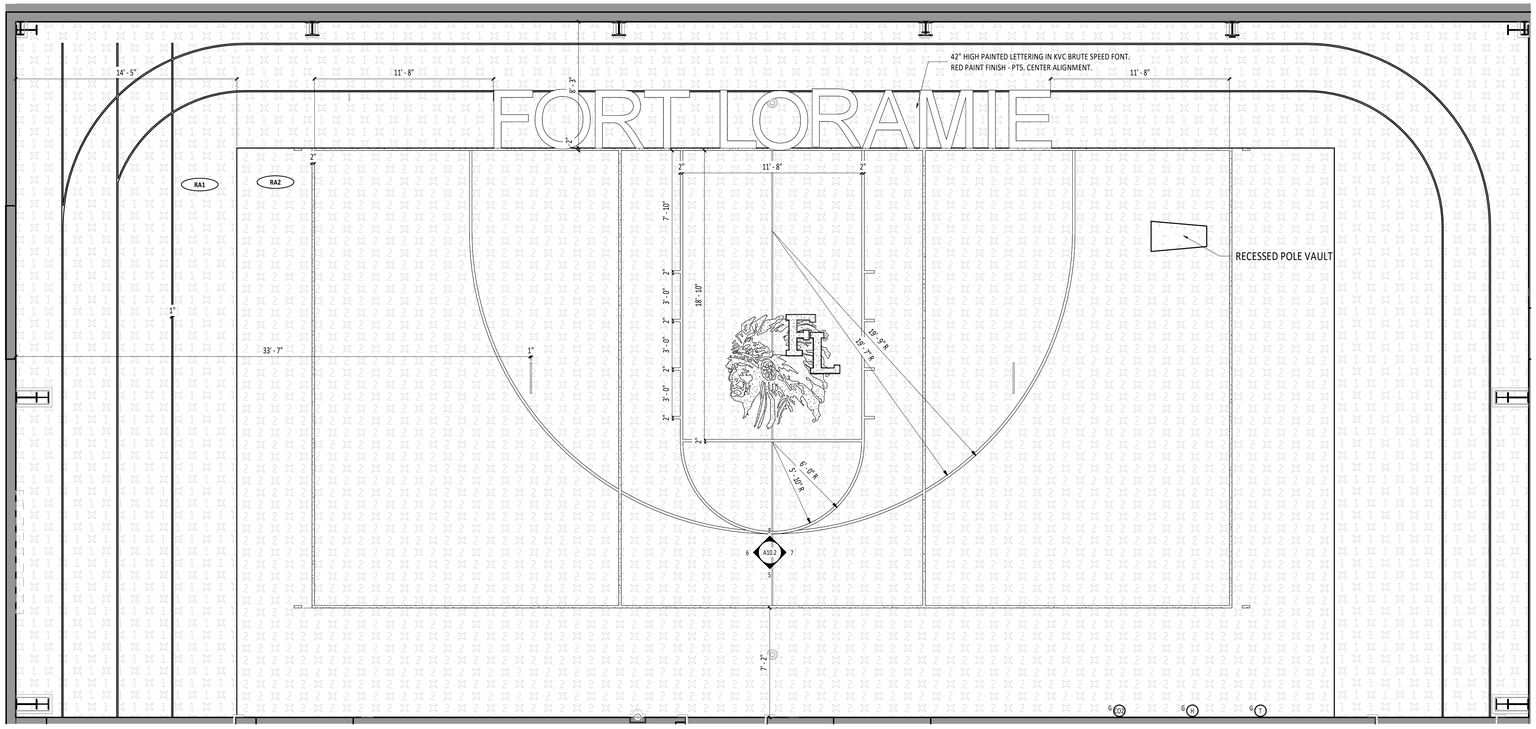
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CONSTRUCTION DOCUMENTS	12/11/2025

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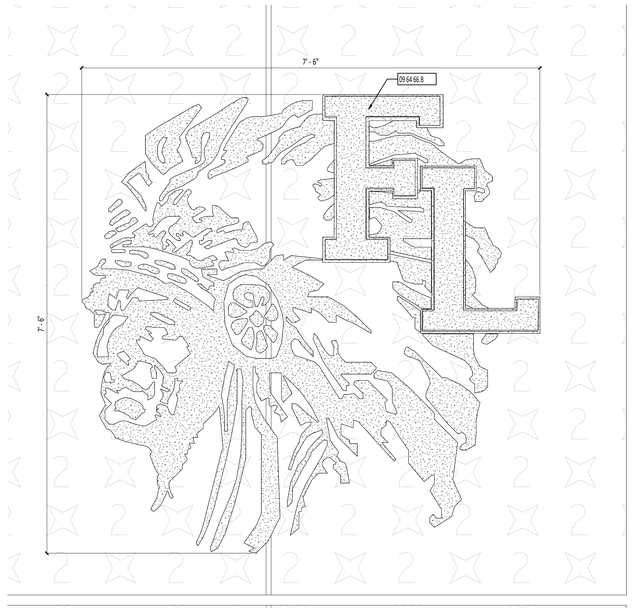
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SECOND FLOOR FINISHES PLAN

SHEET NUMBER:
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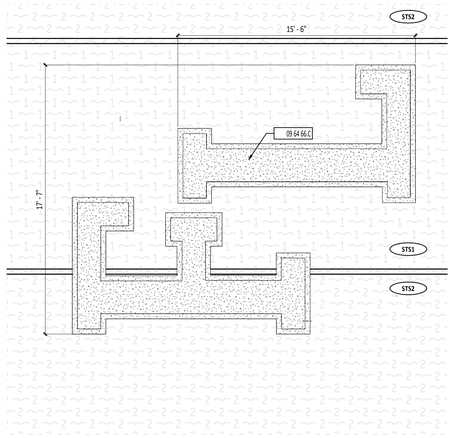


1 A9.3 **ENLARGED FLOOR STRIPING PLAN - MULTIPURPOSE GYMNASIUM NORTH**
1/4" = 1'-0"



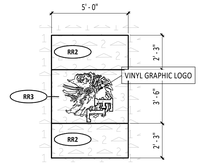
SCHOOL LOGO PAINTED ON RUBBER ATHLETIC FLOORING SURFACE (RA2). ARCHITECT TO PROVIDE GRAPHIC FILE TO FLOORING SUBCONTRACTOR.

2 A9.3 **RUBBER ATHLETIC FLOORING LOGO DETAILS - MULTIPURPOSE ATHLETIC ROOM**
1" = 1'-0"



SCHOOL LOGO ON TURF SURFACES (STS1 AND STS2). ARCHITECT TO PROVIDE GRAPHIC FILE TO FLOORING SUBCONTRACTOR.

3 A9.3 **TURF LOGO DETAILS - MULTIPURPOSE ATHLETIC ROOM**
1/4" = 1'-0"



4 A9.3 **ENLARGED FLOOR PATTERN PLAN - RR1/RR2/RR3**
1/4" = 1'-0"

GYMNASIUM FLOORING GENERAL NOTES

- VERIFY ALL COURT DIMENSIONS THROUGH SUBMITTAL PROCESS PRIOR TO INSTALLATION. NOTES PROVIDE DESIGN INTENT FOR FLOOR MARKINGS AND WILL NEED FINAL CONFIRMATION.
- MAIN BASKETBALL DIMENSIONS ARE BASED ON TYPICAL HIGH SCHOOL COURT MARKING STANDARDS.
- MAIN BASKETBALL COURT LINES ARE TO BE 2" THICK - COLOR FORTHCOMING.
- MAIN VOLLEYBALL COURT LINES ARE TO BE 1" THICK - COLOR FORTHCOMING.
- TRACK LINES ARE TO BE 1" THICK - COLOR FORTHCOMING.

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MEZZANINE		3,103 SF	62
A202	GOLF SIMULATOR		372 SF	7
A203	STORAGE		202 SF	1

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F	REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL INFORMATION.
G	ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
H	REFERENCE FINISH FLOOR MATERIAL LEGEND FOR SPECIFIC FLOORING MATERIAL AND COLOR.
I	REFER TO DIRECTIONAL ARROW ON FINISH FLOOR PLANS WHERE PROVIDED FOR FLOORING INSTALLATION INSTRUCTIONS
J	REFERENCE SHEETS A9.0 FOR INTERIOR FINISH ALTERATES.
K	WALL SUPPLY REGISTERS/GRILLES TO BE FIELD PAINTED TO MATCH ADJACENT WALL COLOR. REFERENCE SECTION 23 37 00 AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
L	OUTER CORNERS AND EXPOSED EDGES OF WALL TILE TO HAVE TILE FINISHING TRIM - REFERENCE TYPICAL DETAILS ON SHEET A9.0 FOR ADDITIONAL INFORMATION.
M	EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE
N	ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
O	PRIOR TO FLOORING INSTALLATION. VERIFY SUBFLOOR CONDINTIONS MEET MANUFACTURER'S STANDARD REQUIREMENTS.

#	KEYNOTE DESCRIPTION
09 64 66.B	2 COLOR PAINTED SCHOOL LOGO ON RUBBER ATHLETIC FLOORING (RA2). BLACK COLOR INFILL TO MATCH PT4, RED COLOR INFILL TO MATCH PT5. ARCHITECT TO PROVIDE GRAPHIC FILE. REFERENCE FINISH MATERIAL SCHEDULE.
09 64 66.C	2 COLOR PAINTED SCHOOL LOGO ON TURF SURFACES (STS1, STS 2). BLACK COLOR INFILL TO MATCH PT4, WHITE COLOR OUTLINE TO MATCH PT 1. ARCHITECT TO PROVIDE GRAPHIC FILE. REFERENCE FINISH MATERIAL SCHEDULE.

STATE OF OHIO
MATTHEW R. HIBNER
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REGISTERED ARCHITECT
MATTHEW R. HIBNER
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ISSUANCES/REVISIONS		
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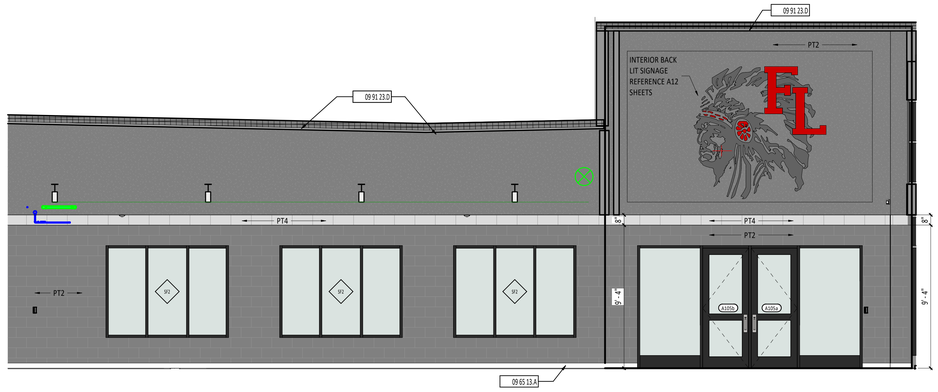
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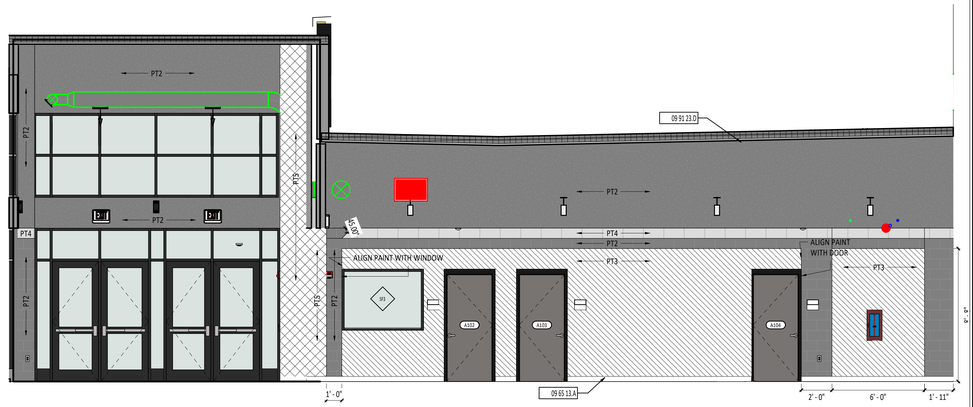
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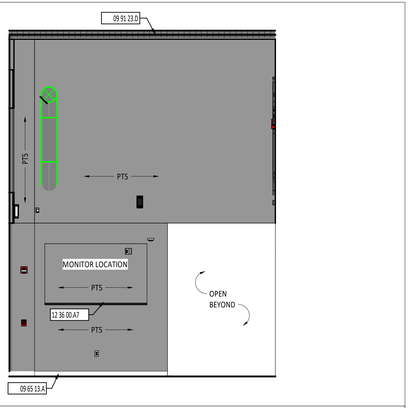
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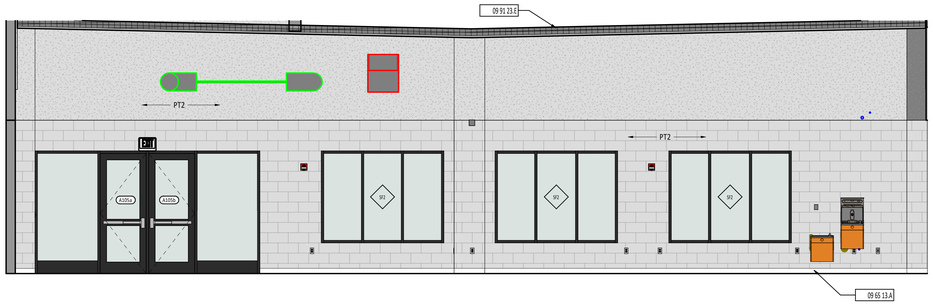
1 A10.1 **INTERIOR ELEVATION - CORRIDOR - A101 NORTH**
1/4" = 1'-0"



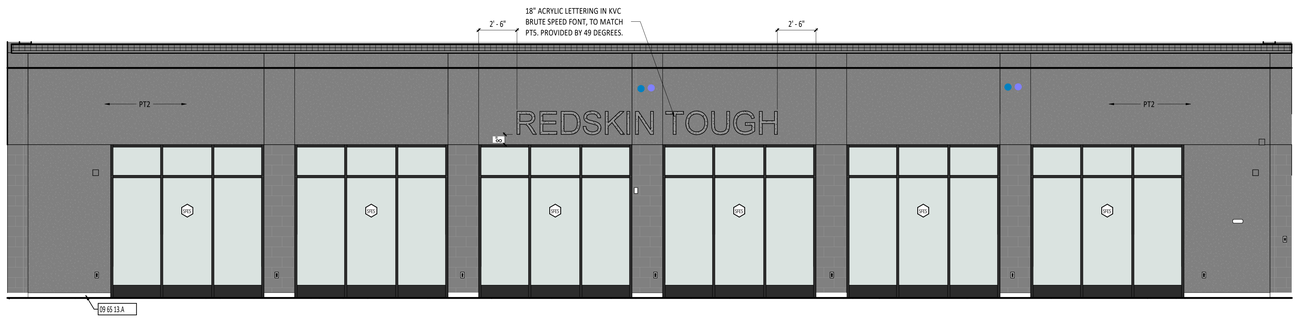
2 A10.1 **INTERIOR ELEVATION - CORRIDOR - A101 SOUTH**
1/4" = 1'-0"



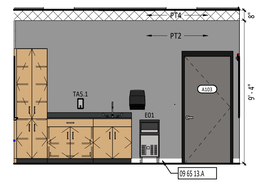
3 A10.1 **INTERIOR ELEVATION - VESTIBULE - A100 WEST**
1/4" = 1'-0"



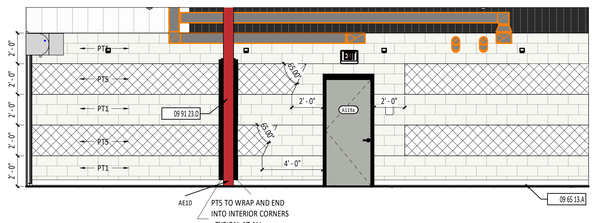
4 A10.1 **INTERIOR ELEVATION - WEIGHT ROOM - A105 SOUTH**
1/4" = 1'-0"



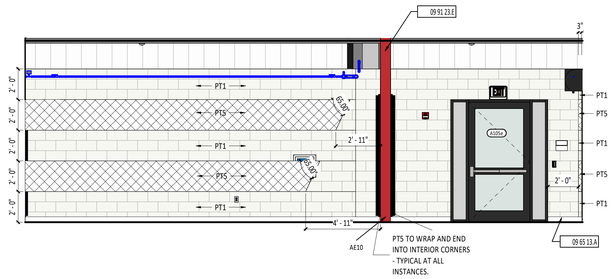
5 A10.1 **INTERIOR ELEVATION - WEIGHT ROOM - A105 EAST**
1/4" = 1'-0"



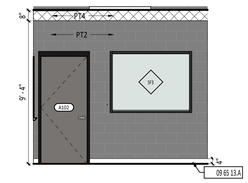
7 A10.1 **INTERIOR ELEVATION - TRAINER - A103 NORTH**
1/4" = 1'-0"



8 A10.1 **INTERIOR ELEVATION - CORRIDOR - A119 WEST**
1/4" = 1'-0"



9 A10.1 **INTERIOR ELEVATION - CORRIDOR - A107 EAST**
1/4" = 1'-0"



10 A10.1 **INTERIOR ELEVATION - COACH OFFICE - A102 NORTH**
1/4" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

- B REFERENCE FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- C ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
- A REFERENCE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, COLOR SELECTIONS.
- D DESIGNER TO PROVIDE DESIGN FILES FOR GRAPHIC STENCILS UPON REQUEST TO BE TURNED OVER TO SCHOOL AT THE COMPLETION OF THE PROJECT FOR MAINTENANCE USE.
- E SHADING ON ELEVATION TO HELP CLARIFY AND HIGHLIGHT PAINT OR MATERIAL CHANGES. REFER TO NOTED FINISH FOR ACTUAL PAINT/MATERIAL USED.
- F OUTER CORNERS OF WALL TILE TO HAVE TILE FINISHING TRIM.
- G ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
- H PLACEMENT OF GYPSUM WALLBOARD CONTROL JOINTS ARE TO BE CONSISTENT WITH LINES OF BUILDING SPACES. CONTROL JOINTS ARE TO NOT BE MORE THAN 30 FEET APART ON WALLS AND CEILINGS OVER 50 FEET LONG.
- I REFERENCE SHEET A10.7 AND A10.7 FOR INTERIOR ELEVATIONS OF ALTERNATES.

#	KEYNOTE DESCRIPTION
09 65 13.A	BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE.
09 91 23.D	PAINTED PT5 EXPOSED METAL STRUCTURE FRAME, EXPOSED CEILING, AND EXPOSED HVAC
09 91 23.E	PAINTED PT2 EXPOSED METAL STRUCTURE FRAME, EXPOSED CEILING, AND EXPOSED HVAC
12 36 00.A7	SOLID SURFACING COUNTERTOP

INTERIOR ELEVATION SYMBOLS LEGEND

- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- W1 — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- XX XX XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - XX — KEYNOTE DESIGNATION
  - XX.XX — SPECIFICATION SECTION

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
ARCHITECTURE | PLANNING
DAYTON, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmillergroup.com

NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MEK	HEF

SHEET TITLE:

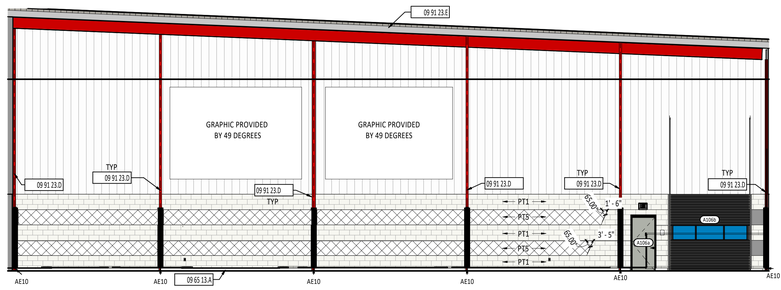
INTERIOR ELEVATIONS

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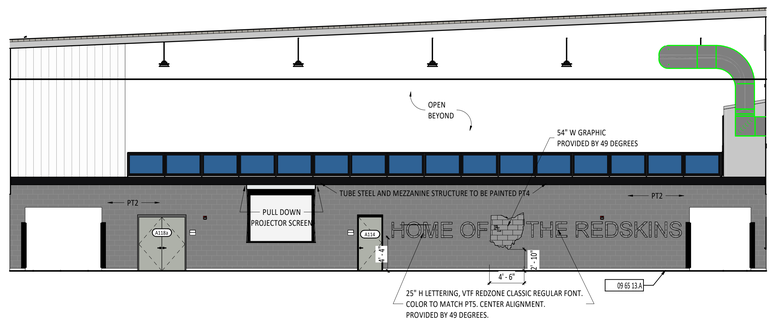
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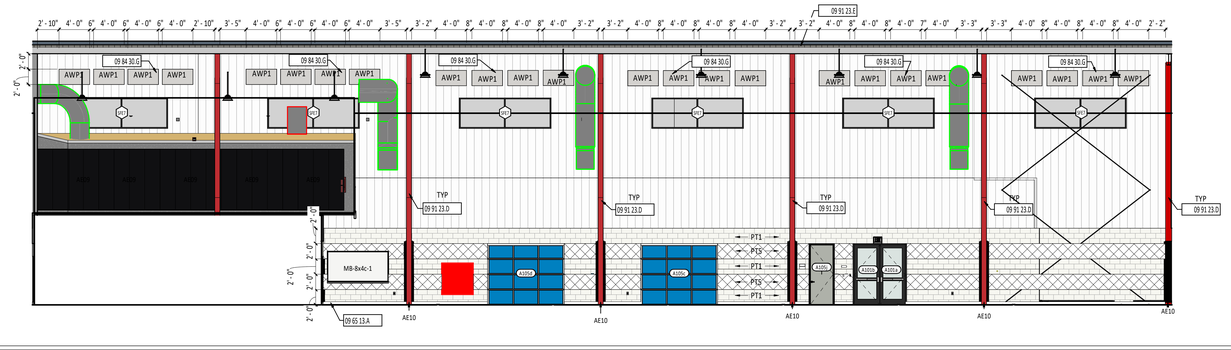
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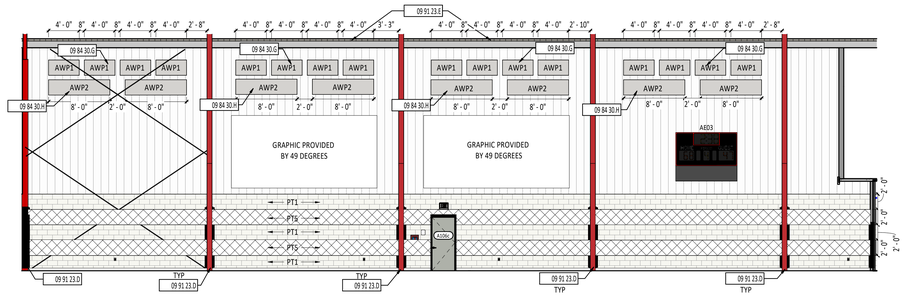
1 A10.2 **MULTI-PURPOSE ATHLETIC ROOM - A106 SOUTH**
1/8" = 1'-0"



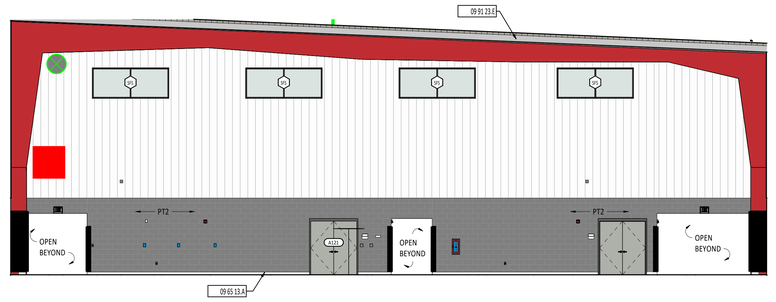
2 A10.2 **MULTI-PURPOSE ATHLETIC ROOM - A106 NORTH**
1/8" = 1'-0"



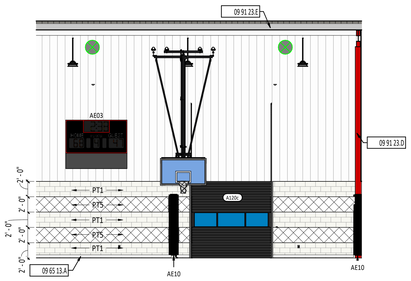
3 A10.2 **INTERIOR ELEVATION - MULTI-PURPOSE ATHLETIC ROOM - A106 EAST**
1/8" = 1'-0"



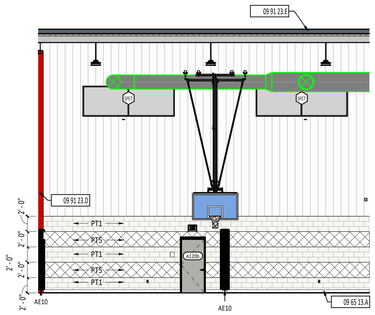
4 A10.2 **INTERIOR ELEVATION - MULTI-PURPOSE ATHLETIC ROOM - A106 WEST**
1/8" = 1'-0"



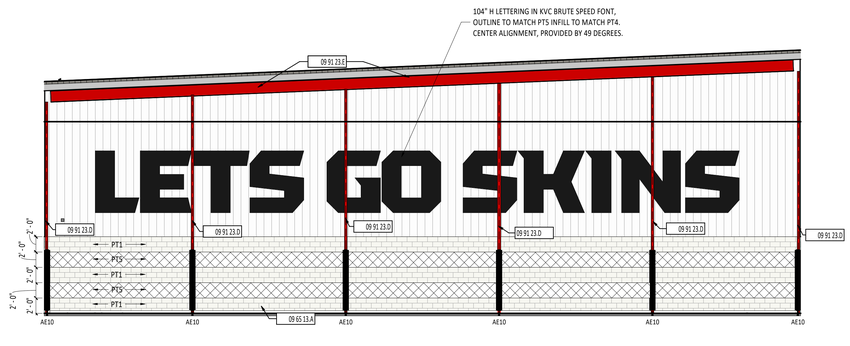
5 A10.2 **INTERIOR ELEVATION - MULTI-PURPOSE GYM - A120 SOUTH**
1/8" = 1'-0"



6 A10.2 **INTERIOR ELEVATION - MULTI-PURPOSE GYM - A120 WEST**
1/8" = 1'-0"



7 A10.2 **INTERIOR ELEVATION - MULTI-PURPOSE GYM - A120 EAST**
1/8" = 1'-0"



8 A10.2 **INTERIOR ELEVATION - MULTI-PURPOSE GYM - A120 NORTH**
1/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

- B REFERENCE FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- C ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
- A REFERENCE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, COLOR SELECTIONS.
- D DESIGNER TO PROVIDE DESIGN FILES FOR GRAPHIC STENCILS UPON REQUEST TO BE TURNED OVER TO SCHOOL AT THE COMPLETION OF THE PROJECT FOR MAINTENANCE USE.
- E SHADING ON ELEVATION TO HELP CLARIFY AND HIGHLIGHT PAINT OR MATERIAL CHANGES. REFER TO NOTED FINISH FOR ACTUAL PAINT/MATERIAL USED.
- F OUTER CORNERS OF WALL TILE TO HAVE TILE FINISHING TRIM.
- G ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
- H PLACEMENT OF GYPSUM WALLBOARD CONTROL JOINTS ARE TO BE CONSISTENT WITH LINES OF BUILDING SPACES. CONTROL JOINTS ARE TO NOT BE MORE THAN 30 FEET APART ON WALLS AND CEILINGS OVER 50 FEET LONG.
- I REFERENCE SHEET A10.? AND A10.? FOR INTERIOR ELEVATIONS OF ALTERNATES.

#	KEYNOTE DESCRIPTION
09 65 13.A	BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE.
09 84 30.G	Tectum sound-diffusing wall unit - 23-3/4" x 48" - alternate -reference finish material schedule.
09 84 30.H	Tectum sound-diffusing wall unit - 23-3/4" x 96" - alternate - reference finish material schedule.
09 91 23.D	PAINTED PT5 EXPOSED METAL STRUCTURE FRAME, EXPOSED CEILING, AND EXPOSED HVAC
09 91 23.E	PAINTED PT2 EXPOSED METAL STRUCTURE FRAME, EXPOSED CEILING, AND EXPOSED HVAC

INTERIOR ELEVATION SYMBOLS LEGEND

- XXXX DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- A101 ROOM DESIGNATION - REFERENCE ROOM INDEX.
- 01 CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- XX XX XX.XX DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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mmillergroup.com

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
601 EAST PARK STREET | FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

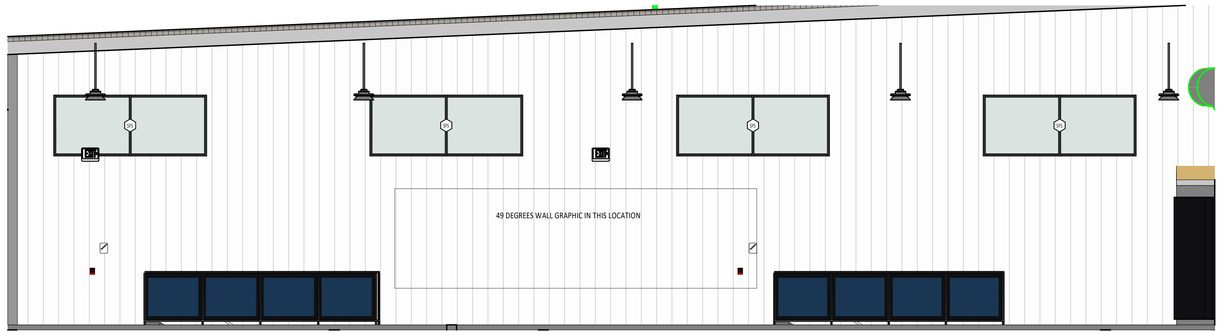
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MEK	HEF

SHEET TITLE:
INTERIOR ELEVATIONS

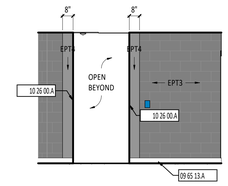
SHEET NUMBER:
A10.2

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1 A10.3 **INTERIOR ELEVATION - MEZZANINE - A201 NORTH**
1/4" = 1'-0"



2 A10.3 **INTERIOR ELEVATION - WOMENS RESTROOM A112 SOUTH**
1/4" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

- B REFERENCE FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- C ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
- A REFERENCE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, COLOR SELECTIONS.
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- I REFERENCE SHEET A10.? AND A10.? FOR INTERIOR ELEVATIONS OF ALTERNATES.

#	KEYNOTE DESCRIPTION
09 65 13.A	BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE.
10 26 00.A	Corner guard - cg1 reference finish material schedule on sheet a9.0 for more details

INTERIOR ELEVATION SYMBOLS LEGEND

- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- XX — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- XX XX XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - KEYNOTE DESIGNATION
  - SPECIFICATION SECTION

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

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	CONSTRUCTION DOCUMENTS	12/11/2025

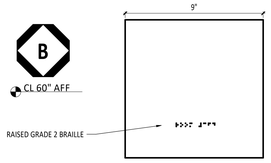
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25041.00	MEK	HEF

SHEET TITLE:
INTERIOR ELEVATIONS

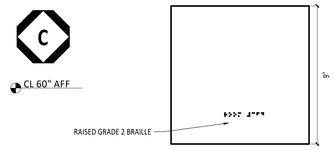
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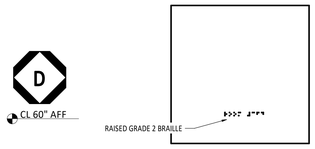
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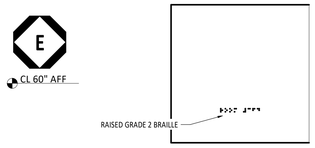
TYPE B
ROOM SIGN
-SIGN PROVIDED BY 49 DEGREES. -INFORMATION FORTH COMING.
- 3/8" RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- ROOM NAME AT 5/8" TALL RAISED LETTERING, WHITE "CENTURY GOTHIC" FONT, BOLD. IF ONLY ONE LINE OF ROOM NAME IS NEEDED, USE BOTTOM LINE. LEFT JUSTIFIED



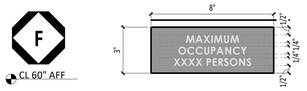
TYPE D
BOYS RESTROOM SIGN
- SIGN PROVIDED BY 49 DEGREES. -INFORMATION FORTH COMING.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- ROOM NAME AT 5/8" TALL RAISED ROOM NAME LETTERING, WHITE IN "CENTURY GOTHIC" FONT, BOLD. LEFT JUSTIFIED.



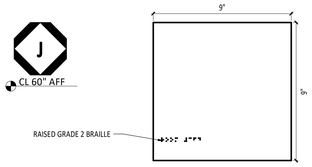
TYPE E
GIRLS RESTROOM SIGN
- SIGN PROVIDED BY 49 DEGREES. - INFORMATION FORTH COMING.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- ROOM NAME AT 5/8" TALL RAISED ROOM NAME LETTERING, WHITE. "CENTURY GOTHIC" FONT, BOLD. LEFT JUSTIFIED.



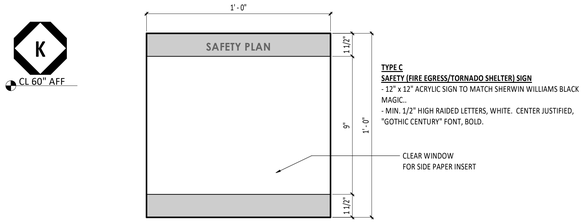
TYPE F
UNISEX & STAFF RESTROOM SIGN
- SIGN PROVIDED BY 49 DEGREES. - INFORMATION FORTH COMING.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- ROOM NAME AT 5/8" TALL ROOM NAME RAISED LETTERING, WHITE. "CENTURY GOTHIC" FONT, BOLD. LEFT JUSTIFIED.



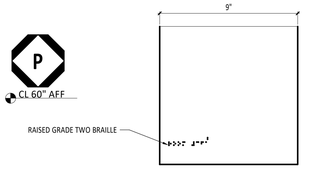
TYPE H
MAXIMUM OCCUPANCY SIGN
- 8" x 3" ACRYLIC SIGN TO MATCH SHERWIN WILLIAMS ELLIE GRAY, ALL EDGES TO BE POLISHED.
- 5/8" TALL, RAISED LETTERING, WHITE IN "CENTURY GOTHIC" FONT, BOLD.



TYPE J
STAIRS SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- RAISED GRAPHIC, WHITE. LEFT JUSTIFIED.
- 5/8" TALL RAISED LETTERING, WHITE IN "CENTURY GOTHIC" FONT, BOLD. LEFT JUSTIFIED.



TYPE C
SAFETY (FIRE EGRESS/TORNADO SHELTER) SIGN
- 12" x 12" ACRYLIC SIGN TO MATCH SHERWIN WILLIAMS BLACK MAGIC..
- MIN. 1/2" HIGH RAIDED LETTERS, WHITE. CENTER JUSTIFIED, "GOTHIC CENTURY" FONT, BOLD.



TYPE K
EXIT SIGN
- SIGN PROVIDED BY 49 DEGREES. - INFORMATION FORTH COMING.
- RAISED GRADE 2 BRAILLE, CLEAR. LEFT. JUSTIFIED.
-ROOM NAME: 1/2" TALL RAISED LETTERING, WHITE "CENTURY GOTHIC" FONT, BOLD. IF ONLY ONE LINE OF ROOM NAME IS NEEDED, USE BOTTOM LINE. LEFT JUSTIFIED.

SIGNAGE GENERAL NOTES:

1. SIGNS A, B, D, E, F, J, K ARE TO BE 1/2" THICK CLEAR ACRYLIC WITH BACK PRINTED COLOR OR GRAPHIC. BACK PRINTED BASE COLOR TO BE PANTONE COOL GRAY 11C.
2. SIGN DESIGN PROVIDED BY 49 DEGREES - INFORMATION FORTH COMING

1 / A12.0 **10_0200 - Signage - Signage Details**
3" = 1'-0"

SIGNAGE SCHEDULE - FIRST FLOOR PLAN

CONSTRUCTION DOCUMENTS ROOM NUMBER SERVED	CONSTRUCTION DOCUMENTS DOOR NUMBER / OPENING	CONSTRUCTION DOCUMENTS ROOM NAME	CONSTRUCTION DOCUMENTS SIGNAGE TYPE	ACTUAL SIGNAGE NUMBER	ACTUAL SIGNAGE NAME	NOTES
A102		COACH OFFICE	B			
A103		TRAINER	B			
A104		MECHANICAL / ELECTRICAL ROOM	B			
A105		WEIGHT ROOM	B			
A105		WEIGHT ROOM	B			
A105		WEIGHT ROOM	H			
A105		WEIGHT ROOM	P			
A106		MULTI-PURPOSE ATHLETIC ROOM	B			
A106		MULTI-PURPOSE ATHLETIC ROOM	H			
A106		MULTI-PURPOSE ATHLETIC ROOM	P			
A106		MULTI-PURPOSE ATHLETIC ROOM	P			
A108		FAMILY RESTROOM / SHOWER	E			
A109		FAMILY RESTROOM / SHOWER	E			
A110		MENS RESTROOM	C			
A110		MENS RESTROOM	C			
A112		WOMENS RESTROOM	D			
A112		WOMENS RESTROOM	D			
A114		CORRIDOR	B			
A115		TECH ROOM	B			
A116		CUSTODIAL CLOSET	B			
A117		LAUNDRY ROOM	B			
A118		STORAGE ROOM	B			
A118		STORAGE ROOM	B			
A119		CORRIDOR	P			
A120		MULTI-PURPOSE GYMNASIUM	H			
A120		MULTI-PURPOSE GYMNASIUM	P			
A121		STORAGE	B			
A202		GOLF SIMULATOR	B			
A203		STORAGE	B			
AST1		STAIR	J			
AST1		STAIR	J			
AST2		STAIR	J			
AST2		STAIR	J			

SIGNAGE GENERAL NOTES

A VERIFY SIGNAGE NAME AND NUMBER WITH OWNER BEFORE MANUFACTURING.
B REFERENCE A8 SHEETS FOR CONSTRUCTION DOCUMENTS SIGNAGE TYPE AND PLACEMENT LOCATION.
D PROVIDE BLANK BACKER ON OPPOSITE SIDE OF GLASS WHERE SIGNAGE IS MOUNTED TO GLASS - BACKER COLOR TO MATCH SIGNAGE.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
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ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JH	Checker

SHEET TITLE:
SIGNAGE SCHEDULE

SHEET NUMBER:
A12.0

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DESIGN SCOPE

SPACES

1. EXTERIOR
2. VESTIBULE
3. WEIGHT ROOM
4. MULTI-PURPOSE TURF
5. MEZZANINE
6. MULTI-PURPOSE GYM



KEY

AREAS OF FOCUS — DESIGN OPPORTUNITIES

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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mmdgm.com

NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JH	JCR

SHEET TITLE:

SIGNAGE FLOOR PLAN

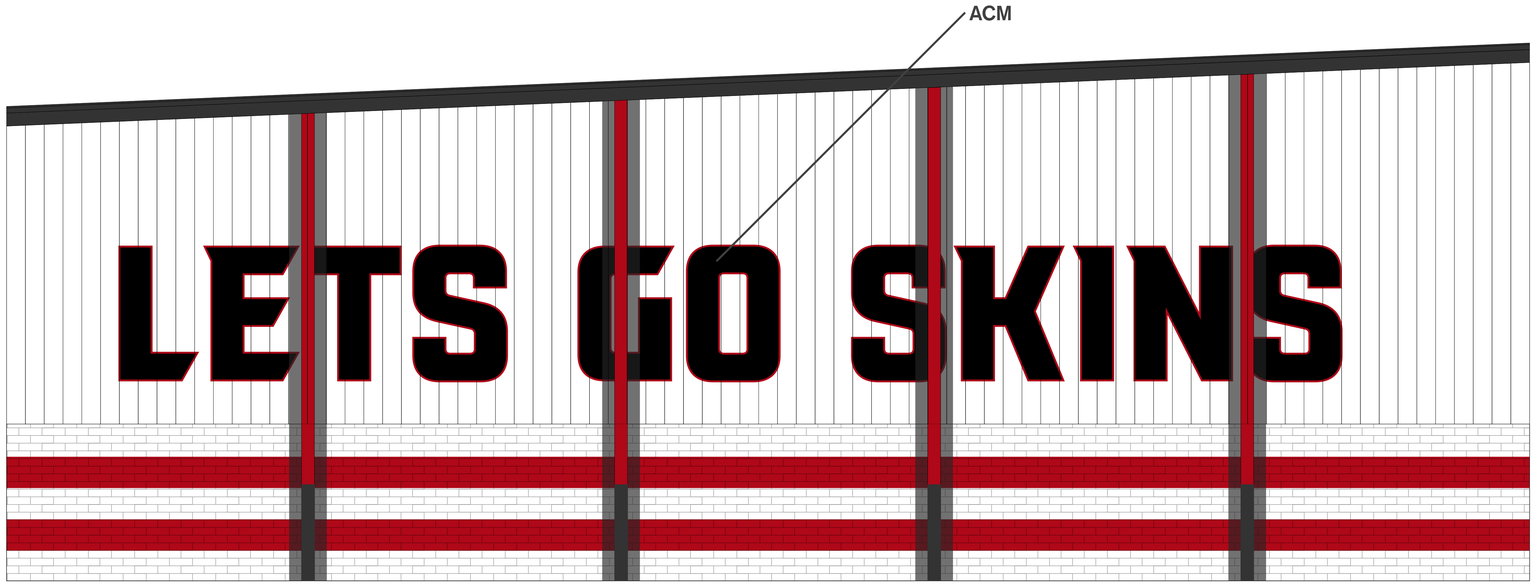
SHEET NUMBER:

A12.1

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DESIGN CONCEPT



ELEVATION - NORTH



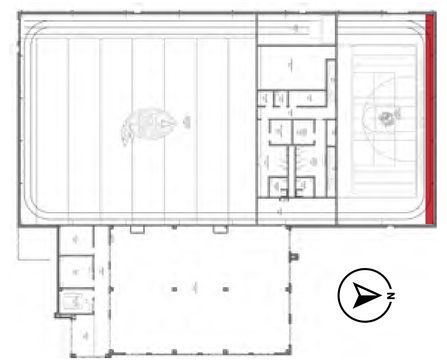
ACM - DETAIL

MATERIAL: .125" ALUMINUM COMPOSITE MATERIAL

FONT: VTF REDZONE CLASSIC REGULAR & OBLIQUE

COLOR: PAINT TO MATCH R:0 G:0 B:0; OUTLINE PAINT TO MATCH R:175 G:8 B:24

MOUNTING METHOD: MECHANICAL FASTENERS THROUGH THE FACE OF THE LETTERS, PAINTED TO MATCH ACM PRINT COLOR.



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ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

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SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.10

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DESIGN CONCEPT



ROOM SIGNAGE - DETAIL

MATERIAL: .25'' ACRYLIC BASE WITH .25'' ACRYLIC DIRECT PRINT APPLIED TO THE FACE

FONT: VTF REDZONE CLASSIC REGULAR

COLOR: BLACK BASE

MOUNTING METHOD: 3M VHB APPLIED TO THE BACKSIDE OF THE ROOM SIGNAGE. NO EXPOSED FASTENERS.

STATE OF OHIO
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ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JH	JCR

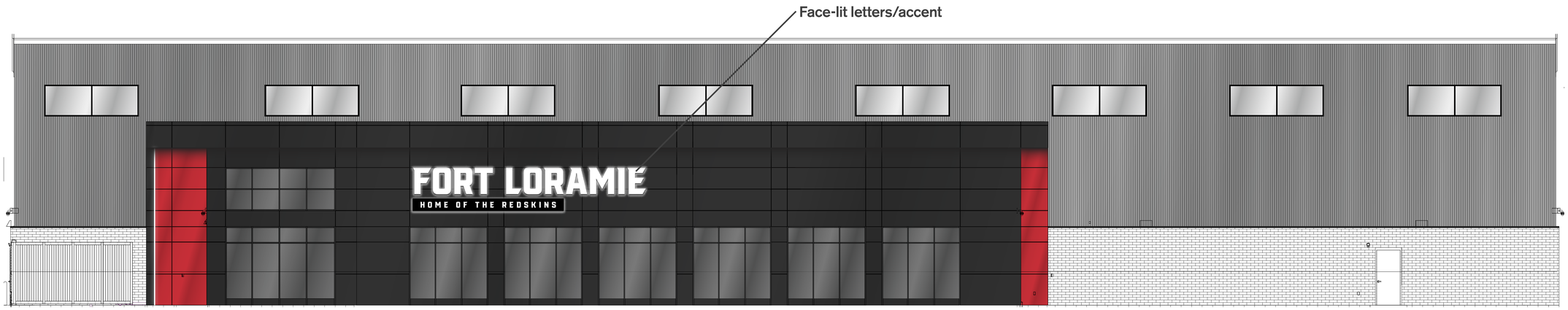
SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.11

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DESIGN CONCEPT 2



ELEVATION - EAST

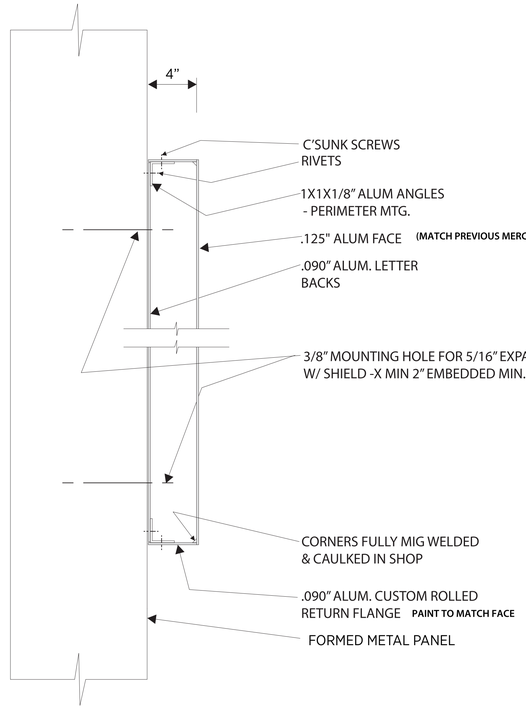
FACE LIT LETTERS/ACCENT - DETAIL

MATERIAL: ALUMINUM COMPOSITE MATERIAL MOUNTING: MECHANICAL FASTENERS THROUGH THE FACE OF THE LETTERS, PAINTED TO MATCH ACM PRINT COLOR

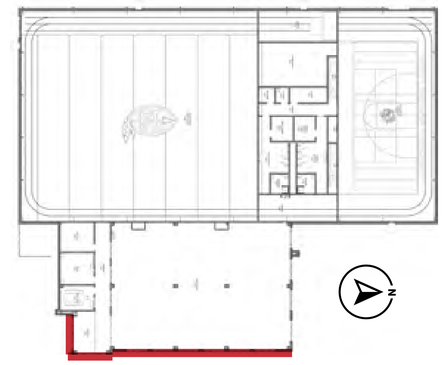
FONT: VTF REDZONE CLASSIC REGULAR & OBLIQUE

DEPTH OF LETTERS: FORT LORMIE: 4” DEPTH; HOME OF THE REDSKINS PANEL: 2” DEPTH

MOUNTING METHOD:



VERTICAL SECTION
SCALE: NTS



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ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

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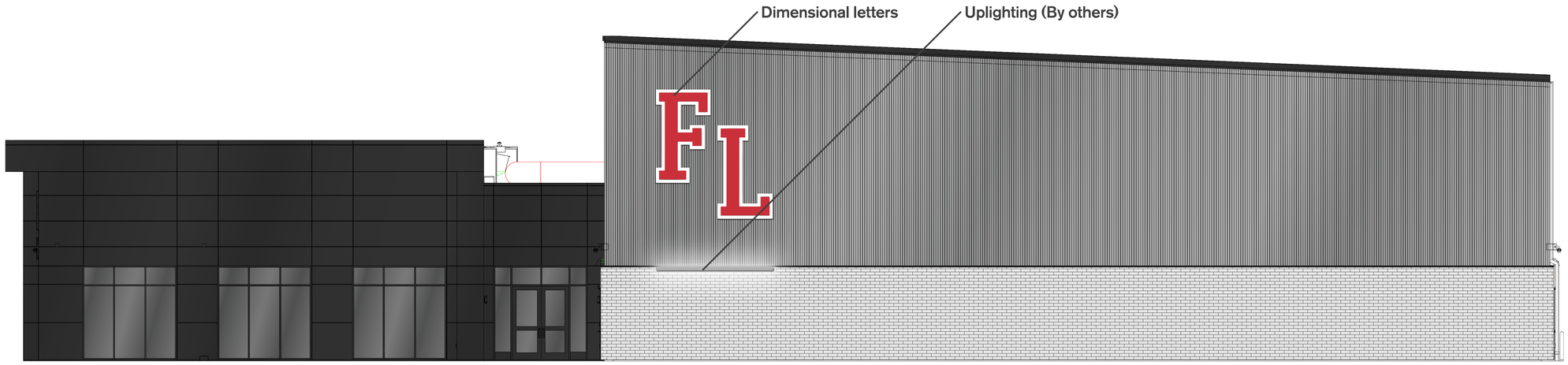
SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.2

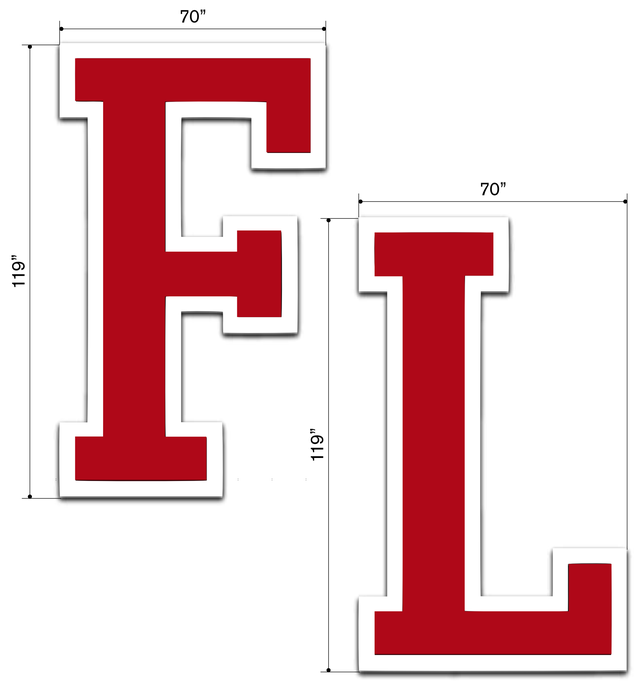
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DESIGN CONCEPT



ELEVATION - NORTH



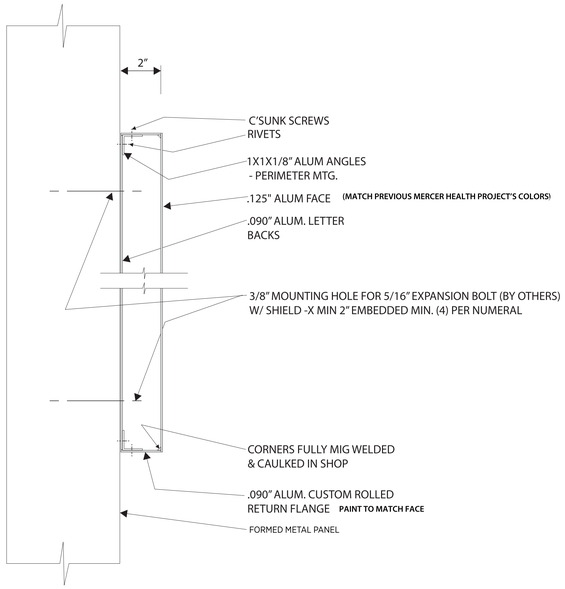
DIMENSIONAL LETTERS - DETAIL

MATERIAL: ALUMINUM COMPOSITE MATERIAL MOUNTING: MECHANICAL FASTENERS THROUGH THE FACE OF THE LETTERS, PAINTED TO MATCH ACM PRINT COLOR

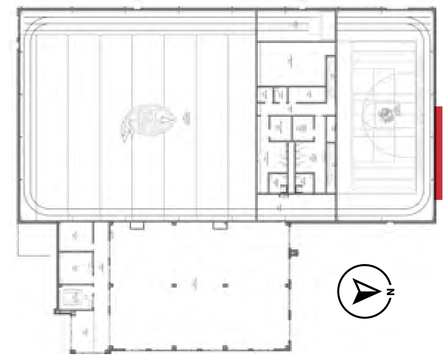
COLOR: PAINT TO MATCH R:175 G:8 B:24; OUTLINE PAINT TO MATCH R:255 G:255 B:255

DEPTH OF LETTERS: 2” DEPTH

MOUNTING METHOD:



VERTICAL SECTION
SCALE: NTS



STATE OF OHIO
MATTHEW R. HIBNER 1416052
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MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
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ATHLETIC COMPLEX BUILDING
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ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
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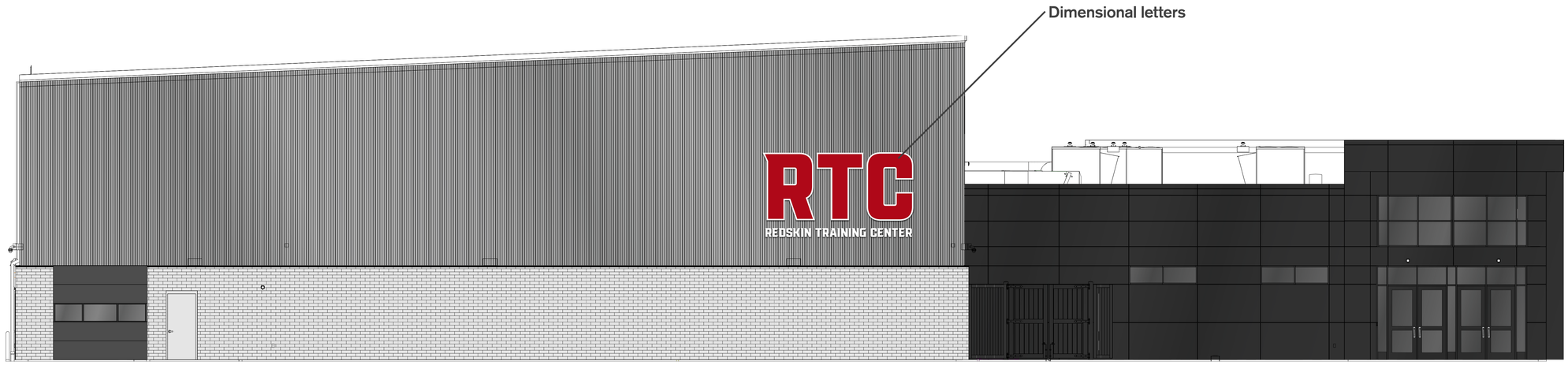
SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.3

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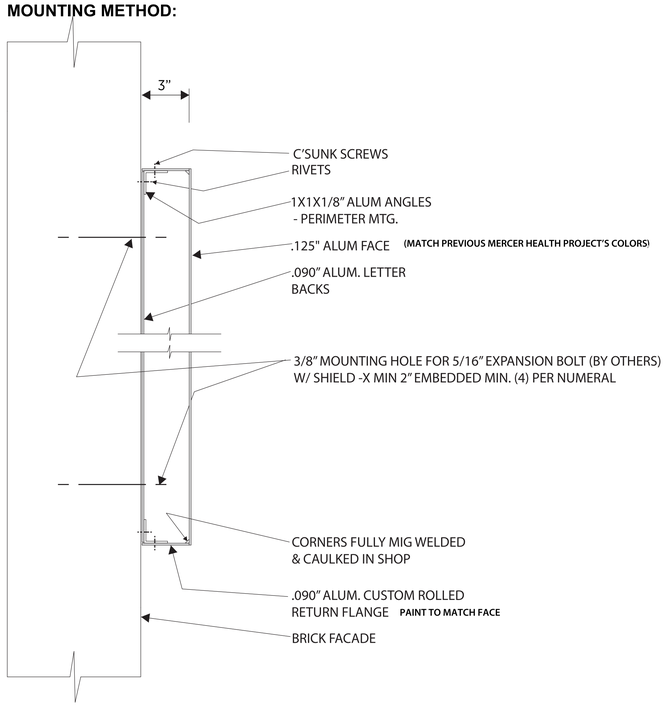
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DESIGN CONCEPT 2



ELEVATION

MOUNTING METHOD:



VERTICAL SECTION
SCALE: NTS



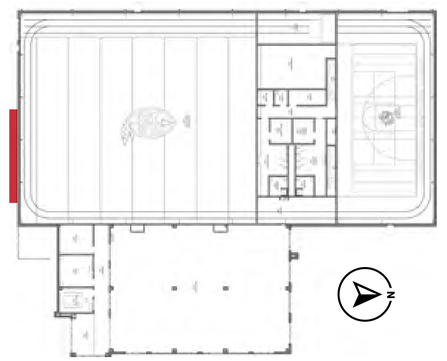
DIMENSIONAL LETTERS - DETAIL

MATERIAL: CANNED ALUMINUM

FONT: VTF REDZONE CLASSIC REGULAR

COLOR: PAINT TO MATCH R:175 G:8 B:24; OUTLINE PAINT TO MATCH R:255 G:255 B:255
WHITE LETTERS: PAINT TO MATCH R:255 G:255 B:255

DEPTH OF LETTERS: RTC: 3" DEPTH; REDSKIM TRAINING CENTER: 1" DEPTH



STATE OF OHIO
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MATTHEW R. HIBNER
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ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

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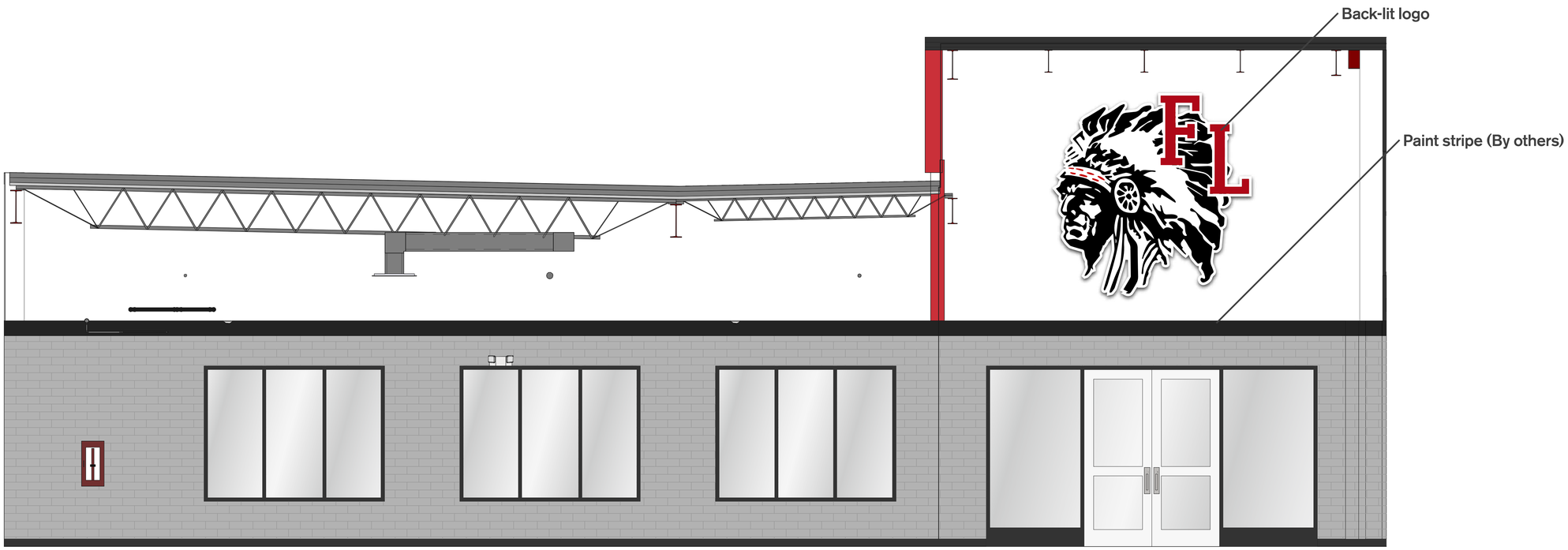
SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.4

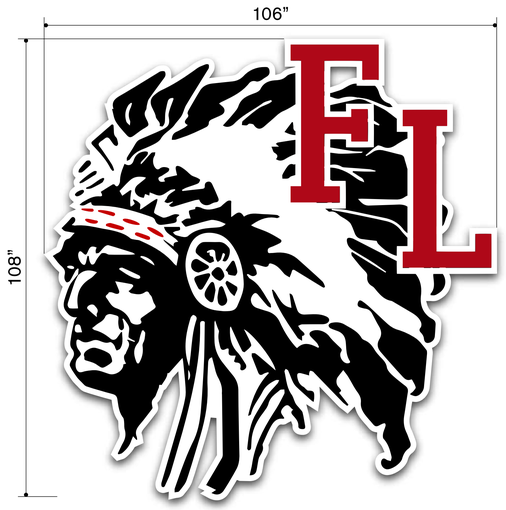
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DESIGN CONCEPT



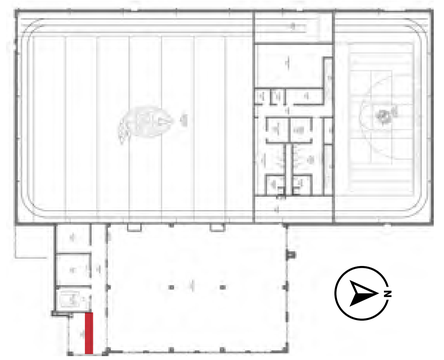
INTERIOR ELEVATION



BACK-LIT LOGO - DETAIL

MATERIAL: .75” WHITE ACRYLIC BASE WITH AN .063” ALUMINUM OVERALAY. FL LETTERS: 3/8” ALUMINUM

MOUNTING METHOD: BARRELED OFF THE WALL WITH 2” ALUMINUM BARRELS. FL IS MOUNTED TO THE REDSKIN HEAD WITH 3M VHB ON THE BACKSIDE OF THE LETTERS. NO EXPOSED FASTENERS THROUGH THE FACE OF THE LOGO OR LETTERING.



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1416052
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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

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25041.00	JH	JCR

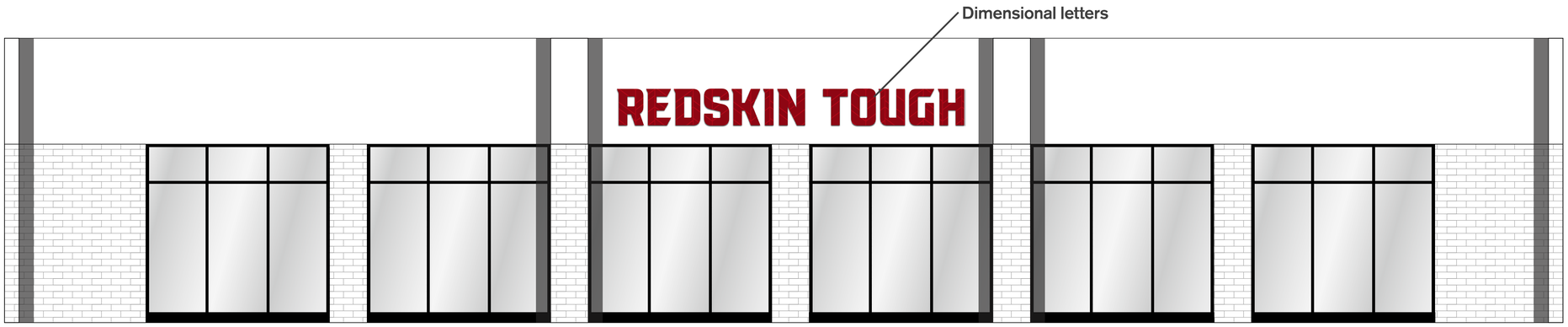
SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.5

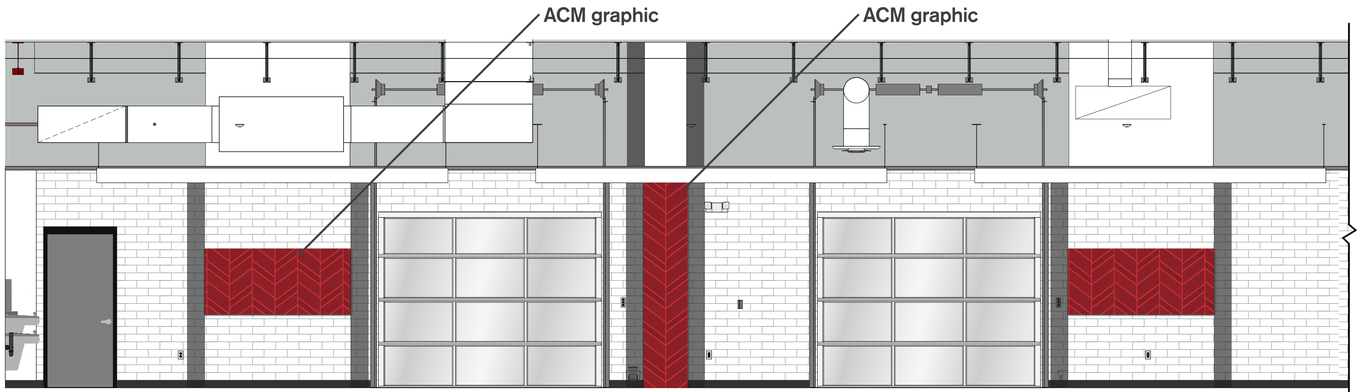
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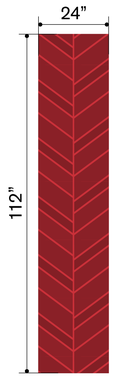
DESIGN CONCEPT



ELEVATION - EAST

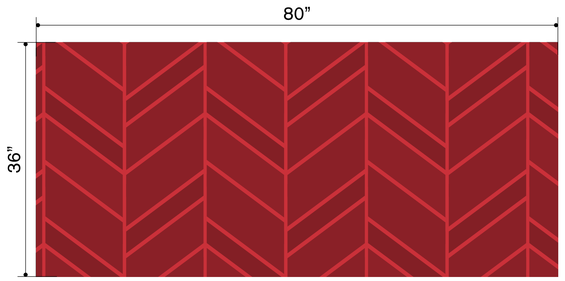


ELEVATION - WEST



ACM GRAPHIC (Q:14) - DETAIL

.125 ACM, PRINTED AND MOUNTED TO THE WALL WITH 3M VHB. COLUMN GRAPHICS WILL HAVE 1.5” X 1.5” PAINTED RED CORNER GUARD TO PROTECT THE EDGES



ACM GRAPHIC (Q:2) - DETAIL

.125 ACM, PRINTED AND MOUNTED TO THE WALL WITH 3M VHB. COLUMN GRAPHICS WILL HAVE 1.5” X 1.5” PAINTED RED CORNER GUARD TO PROTECT THE EDGES



DIMENSIONAL LETTERS - DETAIL

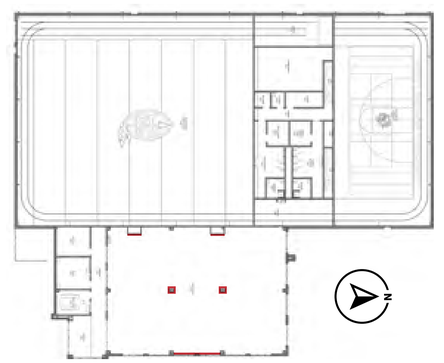
3/8” ACRYLIC LETTERS, ROUTED AND PRINTED. MOUNTED TO THE WALL WITH 3M VHB

MATERIAL: 3/8” DIRECT PRINT ACRYLIC

FONT: VTF REDZONE CLASSIC REGULAR

COLOR: PAINT TO MATCH R:175 G:8 B:24

MOUNTING METHOD: 3M VHB ON BACKSIDE OF LETTERS



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ISSUANCES/REVISIONS

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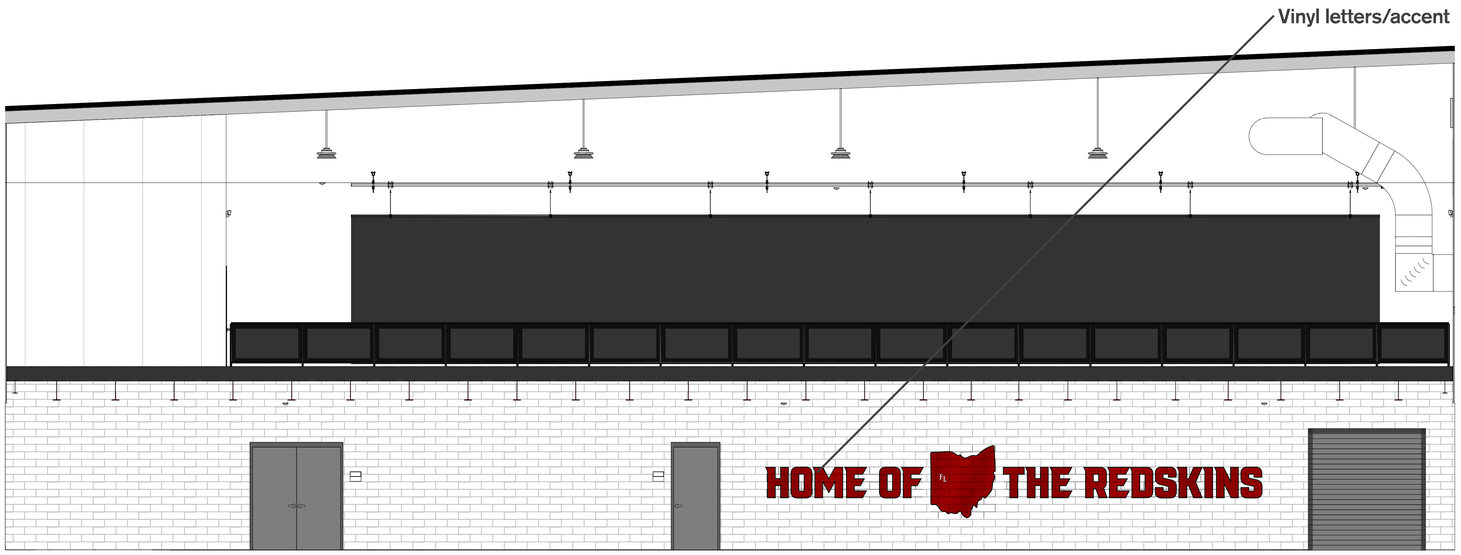
SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
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DESIGN CONCEPT 1



ELEVATION - NORTH

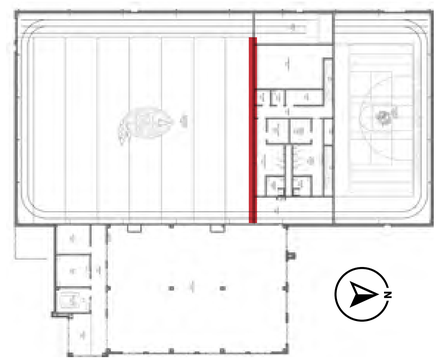


VINYL LETTERS/ACCENT - DETAIL

MATERIAL: 3M CONTROL TAC VINYL

FONT: VTF REDZONE CLASSIC REGULAR

MOUNTING METHOD: APPLIED WITH VINYL ROLLERS AND HEAT GUN



STATE OF OHIO
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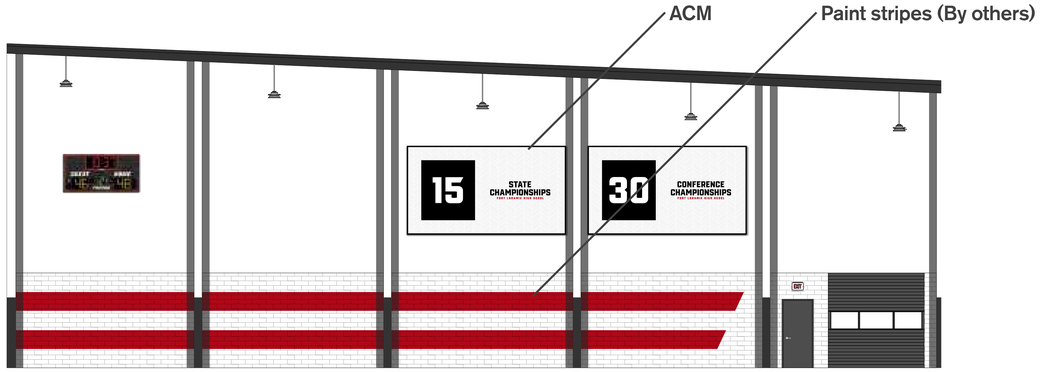
SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.7

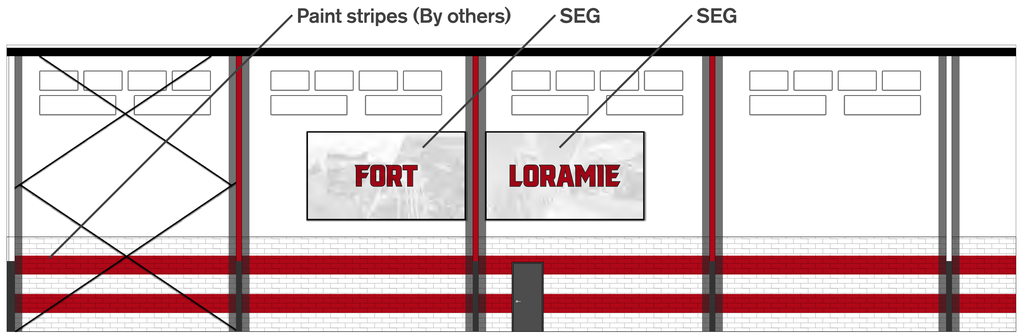
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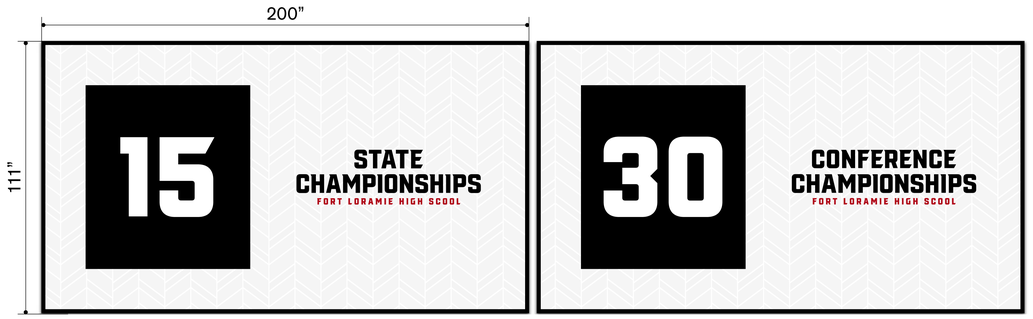
DESIGN CONCEPT



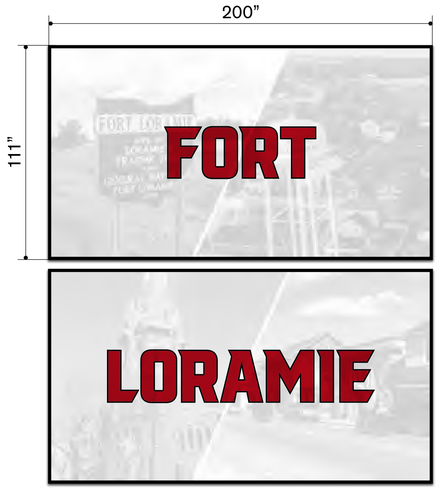
ELEVATION - SOUTH



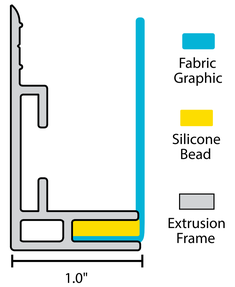
ELEVATION - WEST



ACM - DETAIL

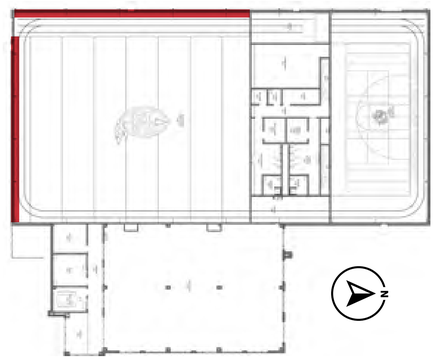


SEG - DETAIL



Profile Features:

- In stock Steel hardware
- Stocked in silver Stocked in matte black S
- Powder coating available B
- Bend to custom shapes
- ADA compliant for wall mounted displays



MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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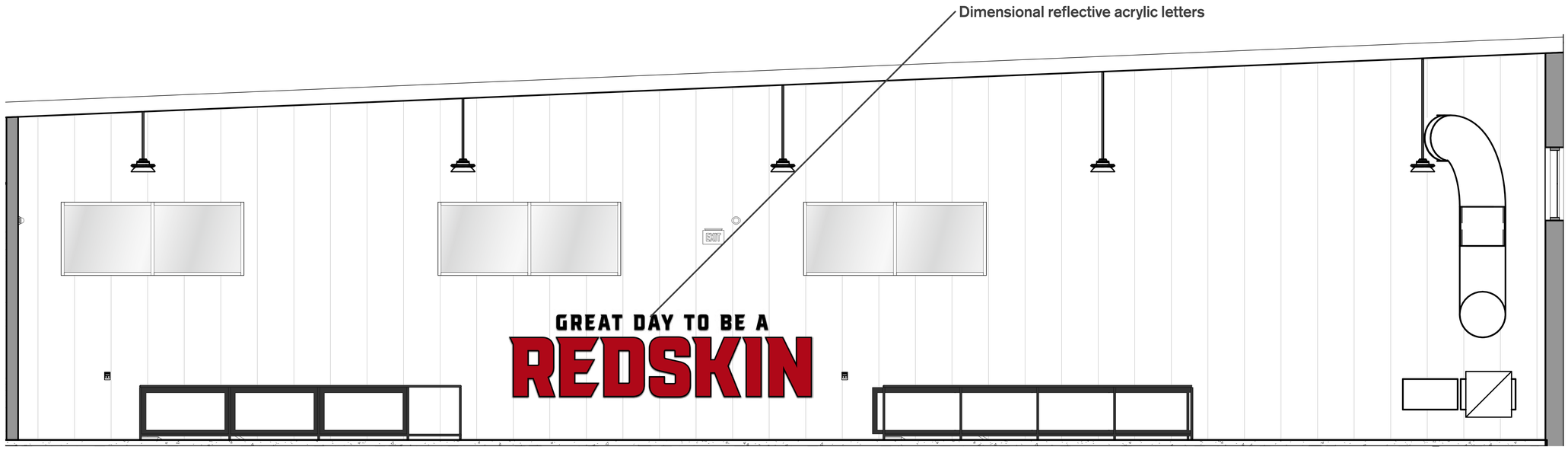
SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.8

PRINTED ON: 12/10/2025 12:00:36 PM

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DESIGN CONCEPT



ELEVATION - NORTH



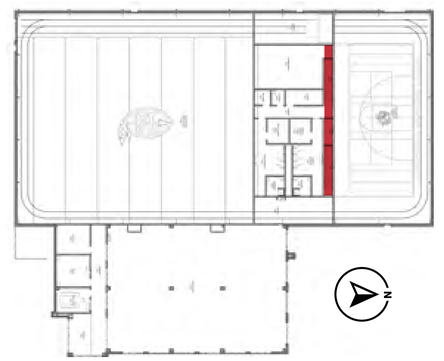
DIMENSIONAL REFLECTIVE ACRYLIC LETTERS - DETAIL

MATERIAL: GREAT DAY TO BE A REDSKIN: 3/8’’ ACRYLIC; REDSKIN: 3/8’’ BLACK ACRYLIC BASE WITH .125’’ REFLECTIVE RED ACRYLIC APPLIED TO FACE

FONT: VTF REDZONE CLASSIC REGULAR & OBLIQUE

COLOR: BLACK LETTERS PAINT TO MATCH R:0 G:0 B:0
RED LETTERS PAINT TO MATCH R:175 G:8 B: 4; OUTLINE PAINT TO MATCH R:0 G:0 B:0

MOUNTING METHOD: 3M VHB APPLIED TO BACKSIDE OF THE LETTERS. NO EXPOSED FASTENERS.



STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JH	JCR

SHEET TITLE:
SIGNAGE DETAIL

SHEET NUMBER:
A12.9

PRINTED ON: 12/10/2025 12:00:36 PM

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GENERAL STRUCTURAL NOTES

GENERAL

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL IS TO REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE PROJECT.
2. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
3. MECHANICAL EQUIPMENT LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR IS TO OBTAIN APPROVAL OF MECHANICAL AND OTHER TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN MECHANICAL REQUIREMENTS TO BE BORNE BY MECHANICAL CONTRACTOR.
4. DO NOT SCALE THE DRAWINGS WHERE DIMENSIONS ARE NOT SPECIFICALLY GIVEN. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS ARE NOT INTENDED TO AUGMENT, NOR SUPERSEDE THOSE SHOWN ON THE ARCHITECTURAL DRAWINGS.
5. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT IMMEDIATELY WHERE CONFLICTS EXIST WITHIN THE DRAWINGS OR BETWEEN THE DRAWINGS AND FIELD CONDITIONS.
6. THROUGHOUT THESE PLANS, THE TERM "PROVIDE" IS DEFINED AS "SUPPLY AND INSTALL".
7. SHOP DRAWINGS ARE TO BE SUBMITTED BY COMPLETE ERECTION PHASE OR SEQUENCE. LIMITS OF EACH INDIVIDUAL ERECTION PHASE OR SEQUENCE ARE TO BE CLEARLY INDICATED ON THE PLANS. INCOMPLETE OR PIECEMEAL SHOP DRAWINGS WILL BE RETURNED PRIOR TO REVIEW. RESUBMITTALS ARE TO HAVE REVISIONS CLEARLY MARKED OR IDENTIFIED. THE CONTRACTOR SHALL REVIEW AND ACCEPT FULL RESPONSIBILITY FOR DIMENSIONAL CORRECTNESS. ALL SHOP DRAWINGS MUST BEAR THE APPROVAL STAMP OF THE CONTRACTOR PRIOR TO REVIEW BY THE ARCHITECT OR ENGINEER.
8. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE SPECIFICATIONS OR WITH EACH OTHER, THE STRICTEST PROVISION WILL GOVERN.
9. CODE INFORMATION
   - GOVERNING CODE: 2024 OHIO BUILDING CODE
   - BUILDING RISK CATEGORY: CATEGORY III

   FLOOR LIVE LOADS (WITH ALLOWABLE REDUCTIONS WHERE APPLICABLE):

- MEZZANINES	100 PSF	
- STAIRS AND EXITS	100 PSF	300 LB CONCENTRATED
ROOF LIVE LOADS:		
- ORDINARY ROOFS	20 PSF	
ROOF RAIN LOADS	PRIMARY	SECONDARY
- RAIN INTENSITY (i)	2.8 IN/HR	1.5 IN/HR
SNOW LOADS:		
- GROUND SNOW LOAD (Pg)	20 PSF	
- FLAT ROOF SNOW LOAD (Pf)	22 PSF	
- SNOW EXPOSURE FACTOR (Ce)	1.0	
- SNOW LOAD IMPORTANCE FACTOR (Is)	1.1	
- THERMAL FACTOR (Ct)	1.0	
- SNOW DRIFTING (Pm) AND EXTENTS	INDICATED ON PLAN	
WIND LOADS		
- BASIC WIND SPEED (V)	114 MPH	
- BASIC ALLOWABLE WIND SPEED (V asd)	88 MPH	
- SITE EXPOSURE CATEGORY	C	
- INTERNAL PRESSURE COEFFICIENT	+/- 0.18	

   SEISMIC LOADS (PER ASCE 7-22):

- SEISMIC IMPORTANCE FACTOR (Ie)	1.25
- SITE-SPECIFIC MAXIMUM CONSIDERED EARTHQUAKE (Sms)	0.37
- SITE-SPECIFIC MAXIMUM CONSIDERED EARTHQUAKE (Sm1)	0.16
- SEISMIC SITE CLASS	E
- DESIGN SPECTRAL RESPONSE ACCELERATION (Sds)	0.18
- DESIGN SPECTRAL RESPONSE ACCELERATION (Sd1)	0.11
- SEISMIC DESIGN CATEGORY	B
- RESPONSE MODIFICATION COEFFICIENT (R)	3.0
- SEISMIC RESPONSE COEFFICIENT (Cs)	0.196
- SEISMIC DESIGN BASE SHEAR (V)	158.1 K
- ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE
- BASIC SEISMIC FORCE-RESISTING SYSTEM:	STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC

   SPECIAL LOADS

- INTERIOR WALLS & PARTITIONS	5 PSF HORIZONTAL (ALLOWABLE)
- HANDRAIL LOADS (ANY DIRECTION)	50 PLF 200 LB
- COLLATERAL DEAD LOAD (FOR PEMB)	5 PSF - EQUIPMENT LOADS AS REQ'D

   GEOTECHNICAL:

- GEOTECHNICAL ENGINEER:	TTL ENGINEERING SERVICES
- REFERENCE REPORT I.D. OR NUMBER:	250380
- REFERENCE REPORT DATE:	OCTOBER 16, 2025
- ALLOWABLE DESIGN BEARING PRESSURE:	2,500 PSF
- FOUNDATION TYPE:	SHALLOW SPREAD FOOTINGS

DELEGATED DESIGN ITEMS

1. PREFABRICATED ITEMS SHOWN ON THE STRUCTURAL DRAWINGS ARE REFERENCED FOR GENERAL COORDINATION PURPOSES ONLY. THESE SYSTEMS SHALL BE DESIGNED, FURNISHED, AND INSTALLED AS REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS. JOERRING GEERS WILL REVIEW THE DESIGN METHODOLOGY, LOADS, AND INSTALLATION DETAILS AS PART OF THE SHOP DRAWING REVIEW PROCESS AND MAY REQUEST A SEALED CALCULATION PACKAGE FOR REVIEW. SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY THE ENGINEER RESPONSIBLE FOR THE DESIGN OF THE DESIGNED ITEMS. DELEGATED DESIGN ITEMS FOR THIS PROJECT INCLUDE THE FOLLOWING:
   A. DIVISION 5:
      1. STRUCTURAL STEEL CONNECTIONS (SEE STRUCTURAL STEEL SECTIONSPECIFICATIONS FOR FURTHER DETAIL)
      2. STEEL BAR JOISTS
      3. COLD-FORMED METAL FRAMING AND THEIR CONNECTIONS
      4. STAIRS, HANDRAILS, AND THEIR CONNECTIONS
      5. CURTAIN WALLS AND STOREFRONT SYSTEMS

REINFORCED CONCRETE

1. SPECIFICATIONS: IN GENERAL, COMPLY WITH ACI-301-20, "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
2. MATERIALS:
   A. STRUCTURAL CONCRETE:

MIX USAGE	f'c (PSI)	MAX w/cm	EXPOSURE CLASS	AIR CONTENT
CLEAN CONCRETE	1,000		F0	---
FOOTINGS, GRADE BEAMS, & INTERIOR COLUMN PIERS	3,500	0.55	F0	---
INTERIOR SLABS ON GRADE	4,000	0.45	F0	---
EXTERIOR SLABS ON METAL DECK	4,000	0.45	F2	---
STAIR PANELS, TOP 48 ROWS X 8 PIERS REINF.	3,500	0.45	F2	---
PERIMETER FOUNDATION WALLS, EXTERIOR FOUNDATION WALL & EXTERIOR COLUMN PIERS	4,000	0.45	F2	5%-7%
EXTERIOR SLABS ON GRADE & INTERIOR CONCRETE NOT OTHERWISE CENTERED	4,500	0.40	F2, C1	5%-7%

   B. ALL DEFORMED REINFORCING BARS: FY = 60,000 PSI.
   C. CEMENT: PORTLAND CEMENT, ASTM C150: TYPE I OR TYPE II; ASTM C1157: TYPE LH OR GU; OR ASTM C595: TYPE IL. ALL CEMENT FOR CONCRETE EXPOSED TO VIEW IS TO BE FROM THE SAME MILL.
   D. AGGREGATES: ASTM C33, USE SIZE NO. 57 FOR ALL MIXES UNLESS NOTED OTHERWISE.
   E. ADMIXTURES:
      1. WATER-REDUCING, LOW AND MID RANGE: ASTM C494, TYPE A OR D.
      2. HIGH-RANGE WATER REDUCING, SUPERPLASTICIZER: ASTM C494, TYPE F OR G.
   F. AIR-ENTRAINING: ASTM C260.
   G. FLY-ASH: ASTM C618, TYPE C OR F.
   H. NON-CHLORIDE, NON-CORROSIVE ACCELERATOR: ASTM C494, TYPE C OR E.
   I. VAPOR RETARDER SHALL CONFORM TO ASTM E1745 "STANDARD SPECIFICATION FOR PLASTIC WATER VAPOR RETARDERS USED IN CONTACT WITH SOIL OR GRANULAR FILL UNDER CONCRETE SLABS". CLASS A.
   J. VAPOR RETARDER SHALL BE INSTALLED IN ACCORDANCE WITH ASTM E1643 "STANDARD PRACTICE FOR INSTALLATION OF WATER VAPOR RETARDERS USED IN CONTACT WITH EARTH OR GRANULAR FILL UNDER CONCRETE SLABS. THE VAPOR RETARDER/BARRIER SHALL BE A MINIMUM OF 15 MILS THICK AND PLACED DIRECTLY ON THE GRANULAR FILL, BELOW THE CONCRETE FLOOR SLAB. LAP JOINTS A MINIMUM OF 6 INCHES AND SEAL WITH MANUFACTURER'S RECOMMENDED TAPE OR ADHESIVE.
3. FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, MNL-15(20) IN THE FIELD OFFICE AT ALL TIMES.
4. SUBMITTALS:
   A. SUBMIT A MIX DESIGN FOR EACH MIXTURE USAGE REQUIRED FOR THE PROJECT. CONCRETE PROPORTIONS ARE TO BE ESTABLISHED ON THE BASIS OF PREVIOUS FIELD EXPERIENCE OR TRIAL MIXTURES.
   B. SUBMIT PLACING DRAWINGS FOR ALL REINFORCING. INDICATE STRENGTH, SIZE, AND DETAILS OF ALL BAR REINFORCING.
   C. SUBMIT PRODUCT LITERATURE FOR ADMIXTURES AND CURING COMPOUNDS PROPOSED FOR USE.
   D. SUBMIT REPORTS OF ALL REQUIRED TESTING AND INSPECTIONS.
5. CONTINGENCIES:
   A. PROVIDE LEAN CONCRETE UNDER FOUNDATIONS FOR ACCIDENTAL OVER EXCAVATION, SOFT SPOTS, AND UTILITY TRENCHES.
6. FOOTINGS, PIERS, WALLS:
   A. DOWELS IN FOOTINGS TO MATCH VERTICAL PIER OR WALL REINFORCING.
   B. PROVIDE CORNER BARS AT WALL AND FOOTING CORNERS TO MATCH HORIZONTAL REINFORCING.
   C. LAP BARS AS INDICATED IN THE CONCRETE REINFORCING LAP SCHEDULE.
7. SPLICES:
   A. LAP SPLICE REINFORCING BARS AS SCHEDULED. MINIMUM LAP = 36 DIAMETERS.
8. CONSTRUCTION JOINTS:
   A. CONSTRUCTION JOINTS PERMITTED ONLY WHERE SHOWN OR AS APPROVED BY THE STRUCTURAL ENGINEER.
9. FINISHES:
   A. PER ACI 117, SURFACES OF INTERIOR SLABS ON GRADE ARE TO BE FINISHED TO THE FOLLOWING TOLERANCES: FLOOR FLATNESS FF=30 AND LEVELNESS FL=20 UNLESS NOTED OTHERWISE IN SPECIFICATIONS.
   B. TYPICAL INTERIOR FLOOR AREAS TO RECEIVE CARPET, RESILIENT FLOOR COVERING, OR TO REMAIN EXPOSED - TROWELED FINISH.
   C. INTERIOR FLOOR AREAS TO RECEIVE QUARRY TILE OR CERAMIC TILE - FLOATED FINISH.
   D. EXTERIOR SLABS - BROOM FINISH.
10. CURING:
   A. CURING IS TO COMMENCE IMMEDIATELY AFTER CONCRETE PLACEMENT AND CONTINUE FOR AT LEAST 7 DAYS. DO NOT ALLOW CURING TO BE DELAYED OVERNIGHT.
   B. INTERIOR SLABS TO RECEIVE QUARRY TILE OR CERAMIC TILE ARE TO BE MOIST-CURED WITHOUT THE USE OF A CURING COMPOUND.
   C. ALL OTHER SLABS MAY BE EITHER MOIST-CURED OR RECEIVE AN APPLICATION OF CURING COMPOUND.
11. FIELD QUALITY CONTROL:
   A. OBTAIN CONCRETE FOR REQUIRED TESTS AT POINT OF PLACEMENT. IF CONCRETE IS PUMPED, OBTAIN CONCRETE AT DISCHARGE END.
   B. FOR EACH CLASS OF CONCRETE, OTHER THAN LEAN CONCRETE, PERFORM ONE STRENGTH TEST FOR EACH 50 YARDS, OR FRACTION THEREOF, FOR ONE DAY PLACEMENT.
   C. DETERMINE SLUMP FOR EACH STRENGTH TEST.
   D. DETERMINE AIR CONTENT FOR EACH STRENGTH TEST OF EXTERIOR EXPOSED CONCRETE.
   E. MAINTAIN RECORDS OF ALL TESTS INDICATING EXACT LOCATION OF THE STRUCTURE REPRESENTED BY EACH TEST.

MASONRY

1. MATERIALS:
   A. CONCRETE BLOCK: ASTM C90 (HOLLOW AND SOLID), MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS = 2,800 PSI.
   B. MORTAR: ASTM 270 TYPE S, MINIMUM COMPRESSIVE STRENGTH< = 1,800 PSI
   C. GROUT FOR BOND BEAM AND CORE FILL: ASTM C476, COARSE TYPE WITH f'c = 2,500 PSI MIN.
   D. DESIGN COMPRESSIVE STRENGTH OF MASONRY SYSTEM: f'm = 2,250 PSI
   E. ALL DEFORMED REINFORCING BARS : FY = 60,000 PSI . LAP BARS AS INDICATED IN THE CONCRETE MASONRY REINFORCING LAP SCHEDULE.
   F. HORIZONTAL JOINT REINFORCING: STANDARD LADDER TYPE, 9 GA., HOT-DIPPED GALVANIZED FINISH. PROVIDE AT 8" O.C. BELOW GRADE, AND 16" O.C. ABOVE GRADE, UNLESS NOTED OTHERWISE.
2. SUBMITTALS:
   A. SUBMIT A MIX DESIGN FOR EACH MORTAR MIXTURE PROPOSED FOR THE PROJECT IN ACCORDANCE WITH ASTM C270. CONCRETE PROPORTIONS ARE TO BE ESTABLISHED ON THE BASIS OF PREVIOUS FIELD EXPERIENCE OR TRIAL MIXTURES.
   B. SUBMIT A MIX DESIGN FOR EACH GROUT MIXTURE PROPOSED FOR THE PROJECT IN ACCORDANCE WITH ASTM C476. CONCRETE PROPORTIONS ARE TO BE ESTABLISHED ON THE BASIS OF PREVIOUS FIELD EXPERIENCE OR TRIAL MIXTURES.
   C. MATERIAL CERTIFICATES FOR REINFORCEMENT, MECHANICAL SPLICES (IF USED), ANCHORS, TIES, AND FASTENERS, MASONRY UNITS, MORTAR, SELF-CONSOLIDATING GROUT (IF USED).
   D. SUBMIT PLACING DRAWINGS FOR ALL REINFORCING. INDICATE STRENGTH, SIZE, AND DETAILS OF ALL BAR REINFORCING.
   E. SUBMIT CONSTRUCTION PROCEDURES FOR HOT OR COLD WEATHER PLACEMENT.
   F. SUBMIT REPORTS OF ALL REQUIRED TESTING AND INSPECTIONS AS INDICATED IN THE SPECIAL INSPECTION REQUIREMENTS.
3. CONTROL JOINTS:
   A. PROVIDE CONTROL JOINTS IN ALL MASONRY WALLS AT A SPACING NOT TO EXCEED THREE TIMES THE WALL HEIGHT OR 24 FEET ON CENTER, WHICHEVER IS SMALLER. IN ADDITION, PROVIDE CONTROL JOINTS AT THE ENDS OF LINTELS, CHANGES IN WALL HEIGHT, CHANGES IN WALL THICKNESS, WITHIN 24 FEET OF WALL CORNERS AND INTERSECTIONS. TRANSITIONS FROM INTERIOR WALL TO EXTERIOR WALL, AND TRANSITIONS FROM WALL BEARING ON FOUNDATION TO WALL BEARING ON FLOOR SLAB.
4. MISCELLANEOUS:
   A. PROVIDE 100% SOLID CMU BEARING, MINIMUM 3 COURSES UNDER BEAMS, 2 COURSES UNDER JOISTS, UNLESS DETAILED OTHERWISE.
   B. PROVIDE SOLID OR GROUT-FILLED CMU FOR ALL BELOW-GRADE FOUNDATION WALLS.
   C. FILL CORE SOLID AROUND CAST-IN ANCHOR RODS.
   D. PROVIDE SOLID CMU OR SOLIDLY FILLED HOLLOW CMU AT ALL EPOXY ANCHOR AND WEDGE ANCHOR LOCATIONS. EXTEND SOLID AREA AT LEAST 8" IN ALL DIRECTIONS FROM CENTER OF ANCHOR.
   E. SET WELD PLATES IN BOND BEAMS AFTER THE GROUT IS PLACED, BUT WHILE IT IS STILL PLASTIC.
   F. FILL ALL BEARING POCKETS AROUND BEAM AND JOIST SEATS WITH SOLID CMU.
   G. HOLLOW MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS ARE TO ALSO BE BEDDED IN ALL COURSES OF PIERS, PILASTERS, THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
   H. PROVIDE APPROPRIATE MASONRY ANCHORS AT 16" O.C. MAX. TO THE MASONRY TO ABUTTING STEEL COLUMNS, STEEL BEAM WEBS, AND ALL ABUTTING CONCRETE SURFACES.
   I. WHERE HOLLOW MASONRY UNITS ARE USED ABOVE HOLLOW MASONRY UNITS OF A DIFFERENT THICKNESS, PROVIDE A CONTINUOUS COURSE OF SOLID MASONRY AT LEAST 8" HIGH BELOW THE TRANSITION.
   J. LAP SPLICE REINFORCING BARS AS SCHEDULED.
   K. ALL GROUTING OF MASONRY WALLS IS TO BE BY THE LOW-LIFT GROUTING METHOD (MAXIMUM LIFT HEIGHT 8'-0"). UNLESS CLEAN-OUTS AND INSPECTIONS ARE PROVIDED.

STRUCTURAL STEEL

1. MATERIALS:
   A. STRUCTURAL STEEL WIDE FLANGE SHAPES: ASTM A992, Fy = 50 KSI
   B. STRUCTURAL STEEL CHANNELS, ANGLES, ETC.: ASTM A36, Fy = 36 KSI
   C. STRUCTURAL STEEL PLATES: UNLESS NOTED OTHERWISE - ASTM A36, Fy = 36 KSI; ASTM A529 OR A572, Fy = 50 KSI, WHERE NOTED
   D. HIGH STRENGTH BOLTS: ASTM A325 OR A490
   E. ANCHOR RODS: ASTM F1554, GRADE 36, UNLESS NOTED OTHERWISE
   F. ELECTRODES: SERIES E70
   G. RECTANGULAR HSS: ASTM A500, GRADE C, FY = 50 KSI
   H. STRUCTURAL PIPES: ASTM A53, GRADE B, FY = 35 KSI
   I. SHEAR STUDS: ASTM A108, FY = 60 KSI
   J. DEFORMED BAR ANCHORS: ASTM A1064, Fy = 70 KSI
2. SPECIFICATIONS:
   A. WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS D1.1. UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION TO BE GOVERNED BY THE LATEST REVISIONS OF:
      1. AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
      2. AISC CODE OF STANDARD PRACTICE.
      3. STRUCTURAL WELDING CODE, AWS D1.1 OF THE AMERICAN WELDING SOCIETY.
      4. SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
3. SUBMITTALS:
   A. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL WHICH INCLUDE ERECTION PLANS, CONNECTION DETAILS, AND SHOP DETAILS INDICATING CUTS, COPES, CAMBERS, CONNECTIONS, HOLES, THREADED FASTENER TYPES AND SIZES, AND SIZES AND LENGTHS OF WELDS.
   B. INDICATE MATERIAL SPECIFICATIONS, STRENGTHS, AND FINISHES.
4. CONNECTIONS:
   A. FIELD CONNECTIONS ARE TO BE BOLTED, EXCEPT AS INDICATED OTHERWISE. SHOP CONNECTIONS MAY BE WELDED OR BOLTED.
   B. CONNECTIONS ARE TO BE DESIGNED BY THE FABRICATOR TO DEVELOP EITHER 110% OF THE FULL UNIFORM LOAD CAPACITY OF THE MEMBER (0% EACH END), OR THE FORCES SHOWN ON THE PLANS, MINIMUM CONNECTION CAPACITY TO BE 15 KIPS.
   C. REFER TO INSTRUCTIONS ON DRAWINGS FOR GENERAL ARRANGEMENT OR PARTICULAR DETAILS.
   D. MISCELLANEOUS STEEL MEMBERS (ANGLES, CHANNELS, ETC.) THAT SUPPORT DECK AROUND THE PERIMETER OF A FLOOR OR ROOF SHALL BE CONTINUOUS. WHERE SPLICES IN THESE MEMBERS MUST OCCUR TO FACILITATE ERECTION, PROVIDE PARTIAL PENETRATION SQUARE GROOVE WELD (BUTT JOINT) W/ 3/16" EFFECTIVE THROAT ON ONE SIDE, EACH LEG.
5. COATINGS:
   A. DO NOT PAINT STEEL OR ANCHOR RODS WHICH WILL BE ENCASED IN CONCRETE OR MASONRY, NOR ANY STEEL WHICH IS SCHEDULED TO RECEIVE SPRAY-APPLIED FIREPROOFING OR MASTIC FINISH PAINTING.
   B. PAINT ALL INTERIOR EXPOSED STEEL (INCLUDING INTERIOR LINTELS) WITH TWO COATS OF FABRICATOR'S STANDARD PRIMER.
   C. HOT-DIP GALVANIZE ALL EXTERIOR STEEL (INCLUDING LINTELS) AND BRACE RODS AND ANGLES.
   D. PROVIDE A FIELD-APPLIED COAT OF ASPHALT MASTIC PAINT FOR ALL BELOW-GRADE STEEL (INCLUDING ANCHOR RODS, NUTS, WASHERS, BASE PLATES, AND THE EXPOSED PORTION OF COLUMNS) WHICH IS NOT FULLY ENCASED IN CONCRETE.
   E. INTERIOR NON-EXPOSED STEEL NEED NOT BE PRIME PAINTED.
6. MISCELLANEOUS:
   A. PROVIDE HOLES FOR OTHERS. IF OPENING IS NOT SHOWN ON THE STRUCTURAL DRAWINGS, OBTAIN PRIOR APPROVAL.
   B. STEEL SUPPORTING OR CONNECTING MECHANICAL, ELECTRICAL AND ROOF OPENINGS AS SHOWN ON ARCHITECTURAL, MECHANICAL, AND/OR ON STRUCTURAL DRAWINGS IS SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL RECONCILE EXACT SIZE AND LOCATION WITH MECHANICAL AND ARCHITECTURAL REQUIREMENTS BEFORE PROCEEDING WITH THIS WORK.
   C. GROUT UNDER BEARING PLATES TO BE NON-SHRINKING TYPE.
   D. STEEL BELOW GRADE TO BE PROTECTED BY A MINIMUM OF 2" OF CONCRETE, 4" OF SOLID MASONRY, OR A FIELD-APPLIED COAT OF ASPHALT MASTIC PAINT.
   E. PROVIDE 1/4" THICK SETTING PLATES FOR ALL BEAMS AND BEAM LINTELS BEARING ON MASONRY OR CONCRETE WHICH DO NOT REQUIRE A THICKER BEARING PLATE.
   F. PROVIDE HEAVY PLATE WASHERS AT ALL ANCHOR RODS.
   G. FINISH ENDS OF ALL COLUMNS, STIFFENERS AND ALL OTHER MEMBERS IN DIRECT BEARING.
   H. PROVIDE BOLT HOLES FOR WOOD NAILERS AND JOISTS BOLTED TO BEAMS.
   I. PROVIDE ATTACHMENT FOR JOIN-LATERAL EXTENDED JOIST BOTTOM CHORD.
   J. STEEL IN CONTACT WITH PRESSURE-TREATED LUMBER IS TO BE PROTECTED FROM CORROSION FROM PRESERVATIVE CHEMICALS WITH A 20 MIL (MIN.) VAPOR BARRIER. BOLTS AND SCREWS THROUGH PRESSURE-TREATED LUMBER ARE TO BE HOT-DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM 0185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.
   K. PROVIDE MISCELLANEOUS ANGLES OR CHANNELS TO SUPPORT DECK EDGES AROUND COLUMNS THAT EXTEND THROUGH THE DECK.
   L. PROVIDE ADDITIONAL SUPPORT FOR ALL DECK OPENINGS THAT ARE EQUAL TO OR GREATER THAN 12" IN WIDTH OR DIAMETER. NOT ALL DECK OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND OTHER TRADES.
   M. SEE ARCHITECTURAL SECTIONS AND DETAILS FOR ALL MISCELLANEOUS STRUCTURAL STEEL NOT OTHERWISE INDICATED IN THE STRUCTURAL DRAWINGS.
7. FIELD QUALITY CONTROL:
   A. INSPECTION AGENCY IS TO PERFORM INSPECTION OF BOLTED CONNECTIONS PER THE REQUIREMENTS OF ASC SPECIFICATION FOR STRUCTURAL JOINTS.

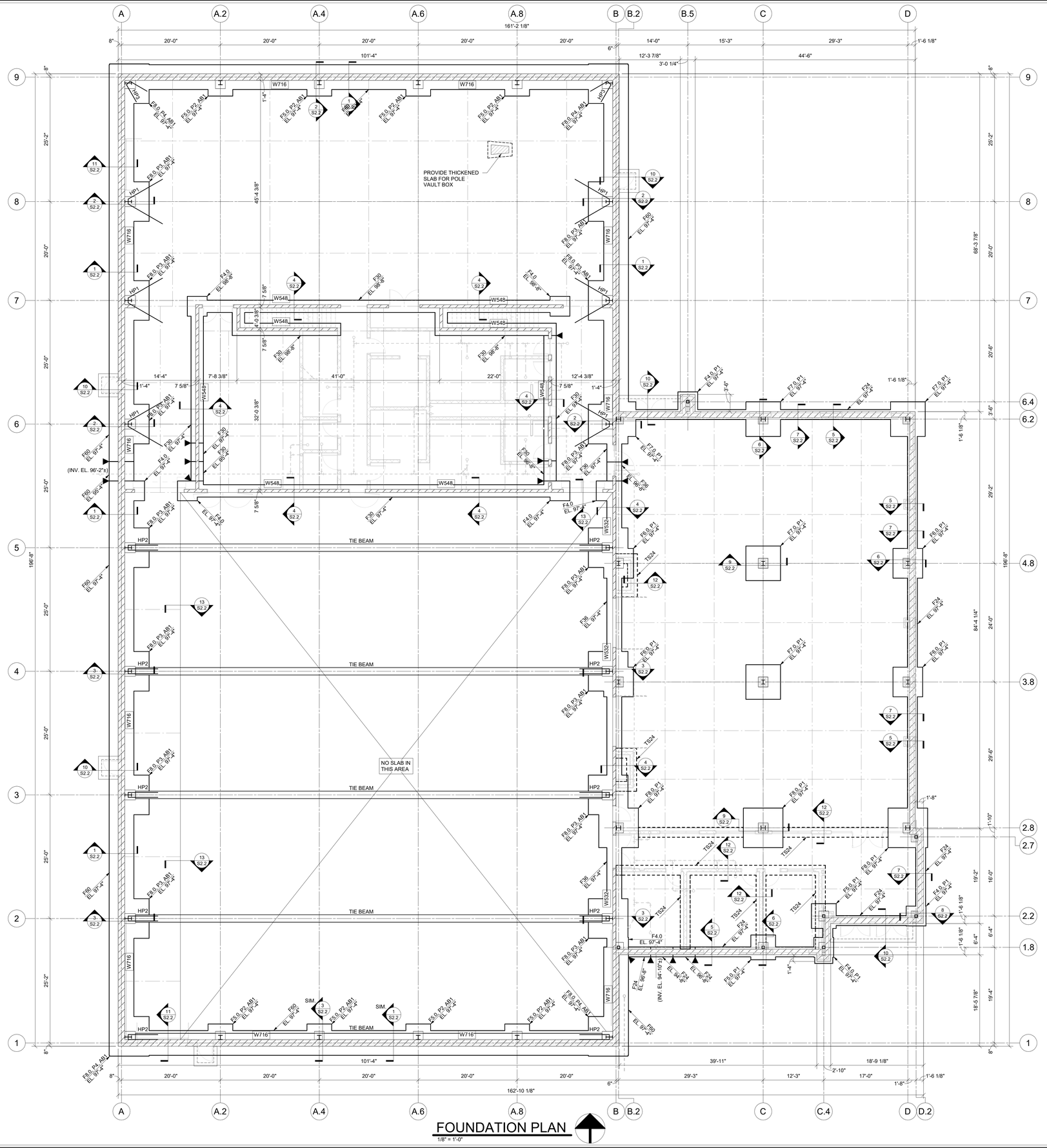
STEEL JOISTS

1. SPECIFICATIONS:
   A. FABRICATION AND ERECTION TO BE PER SJI REQUIREMENTS.
   B. MANUFACTURER TO BE A MEMBER OF SJI.
2. SUBMITTALS:
   A. SUBMIT ERECTION PLANS AND CONNECTION DETAILS WHICH INDICATE MARK, QUANTITY, TYPE AND LOCATION OF ALL JOISTS AND BRIDGING. DETAILS TO INDICATE CONNECTIONS OF JOISTS AND BRIDGING.
   B. INDICATE PAINT TYPE AND ALL ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
3. BRIDGING
   A. QUANTITY, LOCATION, AND SPACING IS TO COMPLY WITH THE REQUIREMENTS OF SJI AND IS TO BE PROVIDED AS REQUIRED FOR THE DESIGN WIND UPLIFT LOADS SPECIFIED. PROVIDE HORIZONTAL BRIDGING UNLESS DIAGONAL BRIDGING IS REQUIRED BY SJI FOR THE JOIST TYPE AND SPAN.
   B. DIAGONAL BRIDGING TO BE BOLTED TO THE JOISTS AND AT THEIR POINT OF INTERSECTION.
   C. END BAYS OF DIAGONAL BRIDGING TO BE ANCHORED WITH HORIZONTAL BRIDGING, UNLESS SHOWN OTHERWISE.
   D. HORIZONTAL BRIDGING MAY BE USED IN LIEU OF DIAGONAL BRIDGING IN NO MORE THAN 2 CONSECUTIVE BAYS TO PROVIDE PASSAGE FOR DUCTWORK.
   E. ANCHOR BRIDGING TO INTERSECTING STRUCTURAL STEEL OR MASONRY WALLS.
4. BEARING:
   A. WELD ALL JOISTS TO SUPPORTING STEEL PER SJI REQUIREMENTS. FIELD-BOLT JOISTS AT COLUMN LINES. EXTEND AND STABILIZE THE BOTTOM CHORD OF JOISTS AT COLUMNS, BUT DO NOT BOLT OR WELD UNLESS DETAILED OTHERWISE.
   B. EXTEND ALL JOISTS 1" MINIMUM PAST CENTERLINE OF SUPPORTING MEMBER, WHERE POSSIBLE. BEARINGS TO BE PER DRAWINGS, OR WHERE SPECIAL INSTRUCTION IS NOT GIVEN, ACCORDING TO THE STANDARD SPECIFICATIONS OF SJI.
5. COATINGS:
   A. PAINT ALL JOISTS WITH ONE COAT OF FABRICATOR'S STANDARD PRIMER UNLESS NOTED OTHERWISE.
6. MISCELLANEOUS:
   A. ADJACENT JOISTS OF THE SAME DEPTH ARE TO HAVE WEB MEMBERS IN LINE TO PERMIT PASSAGE OF MECHANICAL DUCTS.
   B. SEE DRAWINGS FOR SPECIAL BEARING SHOES, EXTENDED ENDS, ETC.
   C. UNLESS NOTED OTHERWISE, DESIGN JOIST TOP CHORD EXTENSIONS FOR THE SAME POUND-PER-LINEAR-FOOT LOAD AS THE MAIN SPAN. SEE PLAN AND DETAILS FOR ADDITIONAL LOADS TO BE APPLIED ON EXTENDED END OF JOIST.
   D. STANDARD JOIST SIZES SHOWN INCLUDE ALL COLLATERAL LOADS (SNOW DRIFT, MECHANICAL EQUIPMENT, ETC.) UNLESS SCHEDULED OR NOTED OTHERWISE.

METAL DECK

1. MATERIALS:
   A. GALVANIZED SHEET STEEL: ASTM A653
   B. ROOF DECK: 1-1/2" DEEP, WIDE RIB AND WIDE RIB ACOUSTIC; GALVANIZED.
   C. FLOOR DECK: 1" DEEP; CONFORM TO ASTM A653, G60.
2. BASIS OF DESIGN:
   A. FLOOR DECK: BEAM/JOIST SPACINGS SHOWN ON FRAMING PLANS INDICATE MAXIMUM SPACINGS FOR UNSHORED FLOOR CONSTRUCTION. GENERAL CONTRACTOR MUST VERIFY CHOSEN SUPPLIER'S FLOOR DECK WILL SUPPORT THE CONCRETE THICKNESS INDICATED FOR UNSHORED CONSTRUCTION AT THESE SPACINGS.
   B. ROOF DECK: BEAM/JOIST SPACINGS SHOWN ON FRAMING PLANS INDICATE MAXIMUM SPACINGS TO SUPPORT ROOF LIVE, SNOW LOADS (INCLUDING DRIFTING), AND WIND LOADS. DECK MANUFACTURER TO SUPPLY DECK CAPABLE OF SUPPORTING MAXIMUM LOADING INDICATED AT BEAM/JOIST SPACINGS PROVIDED. SEE GENERAL STRUCTURAL NOTES, ROOF FRAMING PLAN NOTES, AND ROOF FRAMING PLAN OR SNOW DRIFT PLAN TO OBTAIN THESE VALUES.
3. SPECIFICATIONS
   A. WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS. DESIGN, FABRICATION, AND ERECTION TO BE GOVERNED BY THE LATEST REVISIONS OF:
      1. AISI "SPECIFICATION OF THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
      2. STRUCTURAL WELDING CODE, AWS D1.3 OF THE AMERICAN WELDING SOCIETY.
      3. SDI "DESIGN MANUAL FOR FLOOR DECK AND ROOF DECKS".
4. CONNECTIONS:
   A. DECK TO STRUCTURAL STEEL OR JOISTS: 5/8" DIAMETER PUDDLE WELDS.
   B. SIDE LAP FASTENING: #10 SCREWS.
   C. ROOF DECK FASTENING TO RESIST A GROSS UPLIFT OF 30 PSF MINIMUM.
5. FINISH:
   A. GALVANIZED: CONFORM TO ASTM A653, G60.
6. METAL DECK AS FORMWORK:
   A. IN METAL DECK APPLICATIONS WHICH RECEIVE CONCRETE FILL, THE DECK IS DESIGNED TO SUPPORT THE SELF WEIGHT OF DECK, CONCRETE, AND A LIVE LOAD DURING CONSTRUCTION (LIVE LOAD OF 20 PSF WHICH IS CONSIDERED ADEQUATE FOR TYPICAL CONSTRUCTION). CONTRACTOR TO COORDINATE THAT CONCRETE TRANSPORT AND PLACEMENT WITH PUMP AND CONCRETE FINISHING EQUIPMENT DOES NOT EXCEED THE DESIGN LIVE LOAD. DECK MANUFACTURER TO BE NOTIFIED IN WRITING IN THE EVENT MOTORIZED FINISHING EQUIPMENT SUCH AS POWER SCREEDS MAY REQUIRE REDESIGN OF THE DECK. CONTRACTOR TO VERIFY ADEQUACY OF METAL DECK FOR CONCRETE PLACEMENT METHODS AND SUBMIT ALTERNATE DESIGNS AS PART OF THE SHOP DRAWING PROCESS.
7. MISCELLANEOUS:
   A. UNITS ARE TO BE CONTINUOUS OVER AT LEAST THREE SPANS. WHERE FEWER THAN THREE SPANS ARE NEEDED, GAGE IS TO BE INCREASED AS REQUIRED TO OBTAIN THE SAME DESIGN STRENGTH AS THE THREE-SPAN CONDITION. END LAPS ARE ONLY BE LOCATED OVER SUPPORTS.
   B. FIELD CUTTING TO BE PERFORMED WITH A SAW.
   C. METAL DECK SHOULD BE PROTECTED FROM CORROSION FROM PRESERVATIVE CHEMICALS IN PRESSURE-TREATED LUMBER WITH A MINIMUM 20 MIL VAPOR BARRIER. ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESSURE-TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 AND ASTM A123 WITH A MINIMUM 0185 COATING.
   D. PROVIDE ADDITIONAL SUPPORT FOR ALL DECK OPENINGS THAT ARE EQUAL TO OR GREATER THAN 12" IN

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FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION NOTES

1. ▼ INDICATES FOOTING STEP PER SECTION 1/S2.1. STEP AT A RATIO NOT TO EXCEED ONE VERTICAL TO TWO HORIZONTAL.
2. (...) INDICATES APPROXIMATE LOCATION AND INVERT ELEVATION OF UNDERGROUND UTILITIES. COORDINATE THE LOCATION AND DEPTH OF ALL UNDERGROUND MECHANICAL, ELECTRICAL, PLUMBING, AND/OR CIVIL WORK WITH THE APPROPRIATE TRADE CONTRACTOR(S) PRIOR TO CONSTRUCTION. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE STRUCTURAL DRAWINGS. FOUNDATIONS BUILT PRIOR TO THE INSTALLATION OF UNDERGROUND UTILITIES ARE TO BE STEPPED OR DROPPED COMPLETELY BELOW THE UTILITY DEPTH PER SECTION 1/S2.1 AND SLEEVED PER SECTION 2/S2.1. WHERE UNDERGROUND UTILITIES ARE IN PLACE PRIOR TO FOUNDATION CONSTRUCTION, THEY ARE TO BE ENCASED PER SECTION 3/S2.1. SEE SECTION 4/S2.1 FOR TRENCH EXCAVATION AND UTILITY PLACEMENT REQUIREMENTS FOR WORK THAT IS LAID ADJACENT TO FOOTINGS.
3. P(x) INDICATES CONCRETE PIER TYPE PER DETAILS ON SHEET S2.1.
4. HP(x) INDICATES HAIRPIN TYPE PER SCHEDULE AND DETAILS ON SHEET S2.1.
5. AB(x) INDICATES ANCHOR BOLT TYPE PER SCHEDULE AND DETAIL ON SHEET S2.1.
6. DESIGN SOIL BEARING PRESSURE = 2,500 PSF BASED ON GEOTECHNICAL EXPLORATION REPORT BY TTL ENGINEERING SERVICES, DATED OCTOBER 16, 2025. REFERENCE THIS REPORT FOR ANY REQUIRED SOIL REMEDIATION PRIOR TO FOUNDATION AND/OR SLAB-ON-GRADE CONSTRUCTION. ALL FOOTINGS ARE TO BEAR ON NATURAL, UNDISTURBED SOIL OR ENGINEERED FILL PROPERLY PLACED TO BEAR ON SUITABLE MATERIAL. OVER-EXCAVATIONS ARE TO BE FILLED WITH LEAN CONCRETE OR CONTROLLED-DENSITY FLOWABLE FILL UP THE PLANNED BOTTOM OF FOOTING ELEVATION. PLACE NO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.
7. BOTTOM OF FOOTINGS ARE TO BE AT LEAST 32-INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.
8. KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.
9. ELEVATIONS SHOWN ON FOOTINGS INDICATE ELEVATION AT TOP OF FOOTING. REFERENCE ELEVATION/TOP OF CONCRETE SLAB ELEVATION AS NOTED ON PLANS. COORDINATE ABSOLUTE ELEVATION OF TOP OF SLAB WITH SITE DRAWINGS.
10. FOUNDATIONS HAVE BEEN DESIGNED BASED UPON PRELIMINARY/ASSUMED METAL BUILDING REACTIONS. FOUNDATION CONSTRUCTION IS NOT TO BEGIN UNTIL FINAL BUILDING DRAWINGS AND REACTIONS HAVE BEEN RECEIVED, REVIEWED, AND FOUNDATION DESIGNS HAS BEEN VERIFIED. ANY VARIATION IN LOADING FROM PRELIMINARY/ASSUMED BUILDING REACTIONS MAY REQUIRE REDESIGN OF THE FOUNDATIONS, PIERS, AND/OR ANCHOR BOLTS. ADDITIONAL COSTS ASSOCIATED WITH REDESIGN ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
11. PROVIDE CORNER BARS AT ALL FOOTING AND CONCRETE WALL INTERSECTIONS PER DETAIL 5/S2.1.
12. PROVIDE FOUNDATION DOWELS TO MATCH SIZE AND SPACING OF VERTICAL MASONRY WALL REINFORCING AS SHOWN ON THE WALL AND/OR FRAMING PLANS. WHERE VERTICAL REINFORCING IS INTERRUPTED BY OPENING IN WALL (DOOR, WINDOW, LOUVER, ETC.) PROVIDE ONE ADDITIONAL DOWEL AT EACH JAMB FOR EACH 6'-0" OF OPENING WIDTH. SEE SECTION 6/S2.1 FOR DOWEL PLACEMENT AND SCHEDULE ON SHEET S0.1 FOR LENGTH OF LAP SPLICES.
13. SEE ELEVATION A/S4.2 FOR TYPICAL REINFORCED MASONRY WALL CONSTRUCTION.
14. SEE SECTION 7/S2.1 FOR TYPICAL OUTDOOR MECHANICAL EQUIPMENT PADS.
15. SEE SHEET S4.1 FOR COLUMN SCHEDULE AND DETAILS.
16. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

SLAB NOTES

1. SLAB CONSTRUCTION:
   4" CONCRETE SLAB ON GRADE W/ 6x6 W2.9/W2.9 WWF, OVER 15-MIL. VAPOR BARRIER, OVER 8" COMPACTED STONE SUBBASE. WIRE MESH ON THIS PROJECT IS AN INTEGRAL COMPONENT OF THE FOUNDATION DESIGN AND MAY NOT BE REPLACED WITH FIBER ADDITIVE.
2. INDICATES SLAB CONTROL/CONSTRUCTION JOINT PER SECTION 8/S2.1. CONTROL JOINTS ARE TO BE LOCATED IN AREAS SHOWN AT A SPACING NOT TO EXCEED 12'-0" O.C. UNLESS DIMENSIONED OTHERWISE. PROVIDE CONTROL JOINTS AT CONCRETE PIERS PER DETAIL 9/S2.1 (SIM. AT STEEL COLUMNS). COORDINATE CONTROL JOINT LAYOUT WITH ARCHITECTURAL FLOOR FINISH PATTERNS.
3. INDICATES RECESSED SLAB AREA. VERIFY LOCATION, SIZE, DEPTH, AND QUANTITY OF ALL RECESSED SLABS AND SLOPES WITH ARCHITECTURAL DRAWINGS AND FLOOR FINISH SCHEDULE.
4. REFER TO DIVISION 31 SPECIFICATIONS FOR DEPTH AND PLACEMENT OF DRAINAGE FILL AND DIVISION 3 FOR VAPOR BARRIER OR RETARDER BELOW SLABS ON GRADE.
5. WIRE MESH AND/OR STEEL REINFORCING IS TO BE SUPPORTED DURING CONCRETE PLACEMENT ON CHAIRS OR BOLSTERS AT MID-DEPTH OF SLAB. MESH AND/OR STEEL REINFORCING IS NOT TO BE PULLED INTO PLACE DURING CONCRETE PLACEMENT.
6. SEE ARCHITECTURAL AND/OR STRUCTURAL PLANS FOR FINISHED FLOOR ELEVATIONS. COORDINATE TOP OF SLAB ELEVATION WITH THICKNESS OF ARCHITECTURAL FINISHED FLOOR PRODUCTS.
7. PROVIDE CAST-IN-PLACE LOCKER BASES AND GYMNASIUM EQUIPMENT POST ANCHORS AS REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND INSTALLATION DEPTH. VERIFY SIZES AND LOCATIONS WITH THE OWNER PRIOR TO CONSTRUCTION.
8. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

SPREAD FOOTING SCHEDULE

MARK	SIZE	REINFORCING
F4.0	4'-0" x 4'-0" x 1'-0" DP.	(4) #5 EA. WAY BOT.
F5.0	5'-0" x 5'-0" x 1'-3" DP.	(5) #6 EA. WAY BOT.
F6.0	6'-0" x 6'-0" x 1'-3" DP.	(6) #6 EA. WAY BOT.
F7.0	7'-0" x 7'-0" x 1'-6" DP.	(7) #6 EA. WAY BOT.
F8.0	8'-0" x 8'-0" x 1'-9" DP.	(8) #7 EA. WAY BOT.

CONT. WALL FOOTING SCHEDULE

MARK	SIZE	REINFORCING
F24	2'-0" x 1'-0" DP.	(2) #5 CONT. BOT.
F30	2'-6" x 1'-0" DP.	(3) #5 CONT. BOT.
F36	3'-0" x 1'-3" DP.	(4) #5 CONT. BOT.
F60	5'-0" x 1'-6" DP.	(7) #5 CONT. BOT.
TS24	2'-0" x 10" DP.	(2) #5 CONT. BOT.

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STATE OF OHIO
STANLEY N. FULLER
E-67148
PROFESSIONAL ENGINEER

GARMANN MILLER
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NEW BUILDING FOR -
FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

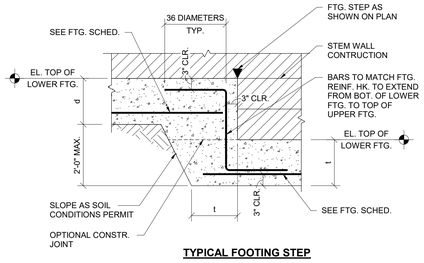
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25041.00	JPK (R2S)	SNF

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FOUNDATION PLAN

SHEET NUMBER:
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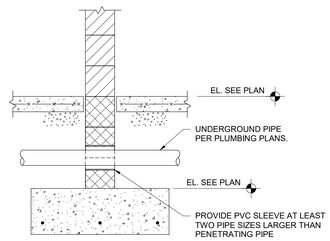
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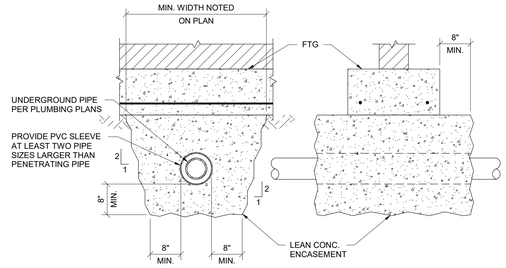
TYPICAL FOOTING STEP

SECTION 1 — 3/4" = 1'-0"



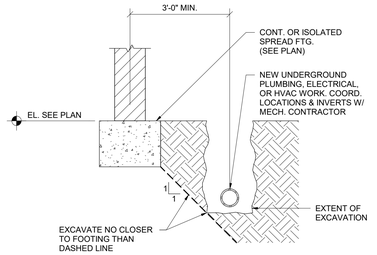
TYPICAL PLUMBING THROUGH STEMWALL

SECTION 2 — 3/4" = 1'-0"

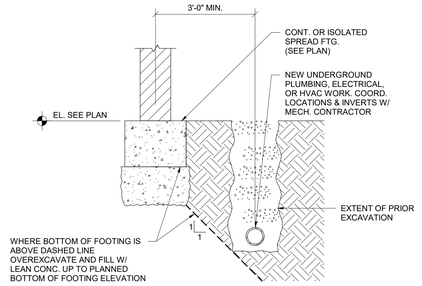


TYPICAL PLUMBING UNDER FOOTING

SECTION 3 — 3/4" = 1'-0"

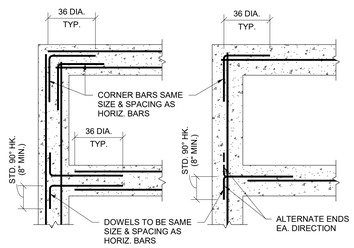


TYPICAL EXCAVATION CLEARANCE REQUIREMENTS AT NEW UNDERGROUND WORK



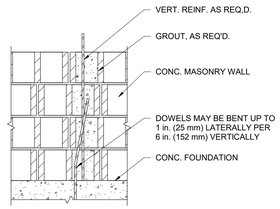
TYPICAL OVEREXCAVATION REQUIREMENTS AT IN-PLACE UNDERGROUND WORK

SECTION 4 — 3/4" = 1'-0"



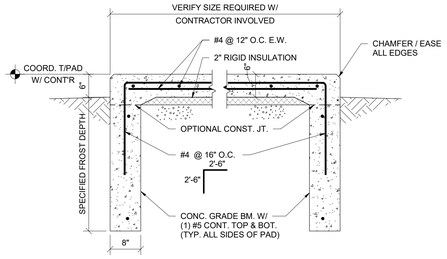
TYPICAL CORNER BARS FOR CONCRETE WALL AND FOOTING CONSTRUCTION

SECTION 5 — 3/4" = 1'-0"



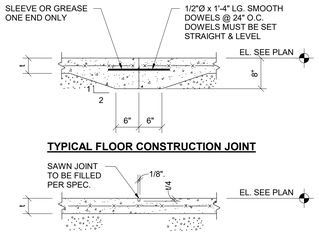
CMU REINFORCING DOWEL PLACEMENT

SECTION 6 — 3/4" = 1'-0"



TYPICAL EXTERIOR EQUIPMENT PAD

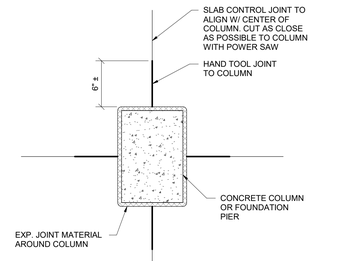
SECTION 7 — 3/4" = 1'-0"



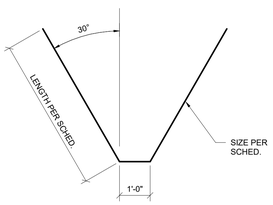
TYPICAL FLOOR CONSTRUCTION JOINT

TYPICAL FLOOR CONTROL JOINT

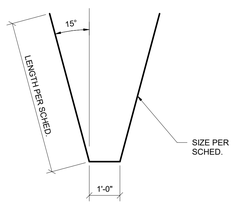
SECTION 8 — 3/4" = 1'-0"



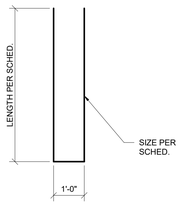
SECTION 9 — 1 1/2" = 1'-0"



HAIRPIN AT SLAB EDGE



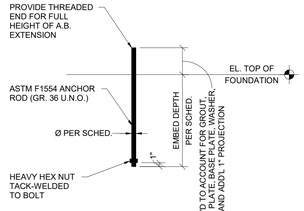
HAIRPIN AT SLAB CORNER



HAIRPIN AT TIE BEAM

HAIRPIN SCHEDULE		
MARK	SIZE	LENGTH
HP1	#7	8'-0"
HP2	#7	6'-0"
HP3	#5	4'-0"

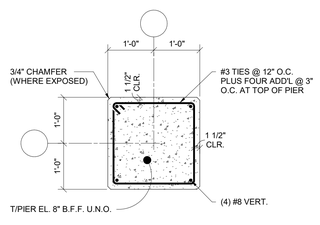
SECTION 10 — 1/2" = 1'-0"



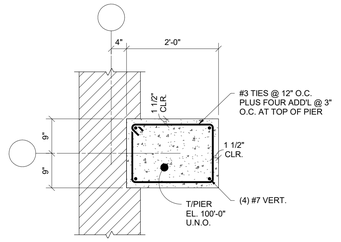
TYPICAL ANCHOR BOLT

ANCHOR BOLT SCHEDULE	
MARK	DIAM. x EMBED.
AB1	3/4"Ø x 1'-10"

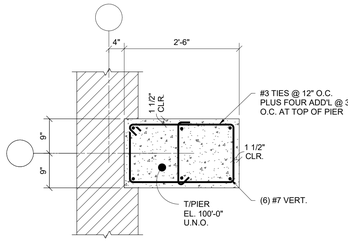
SECTION 11 — 3/4" = 1'-0"



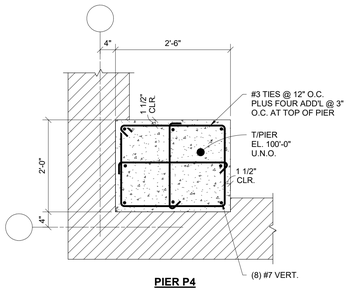
PIER P1



PIER P2



PIER P3



PIER P4

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STATE OF OHIO — STANLEY N. FULLER E-67148 — PROFESSIONAL ENGINEER

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NEW BUILDING FOR -

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JPK (R25)	SNF

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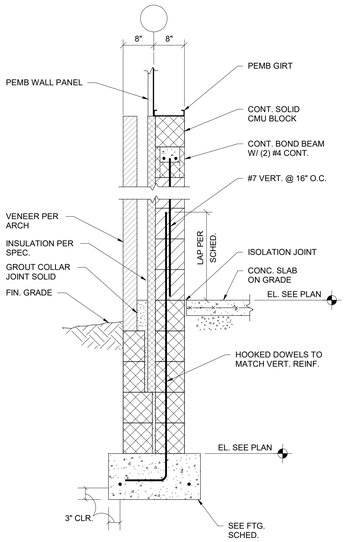
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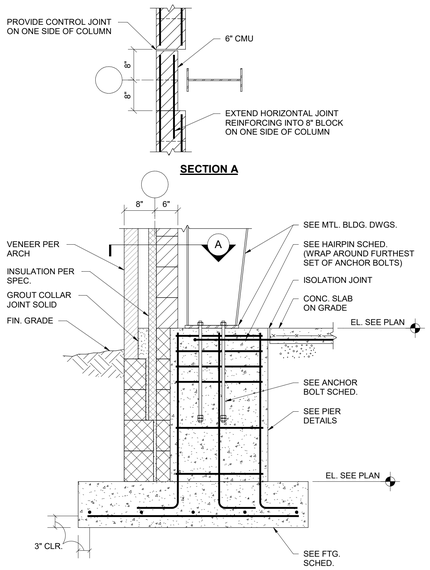
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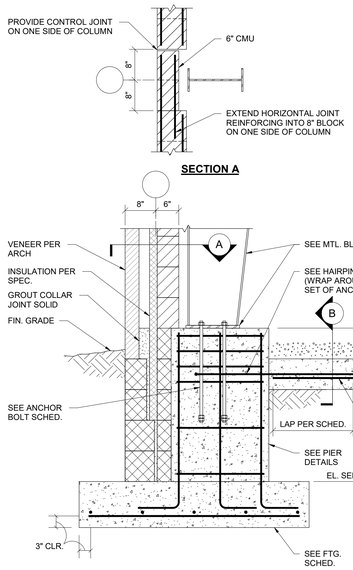


SECTION 1 — 3/4" = 1'-0"



SECTION A

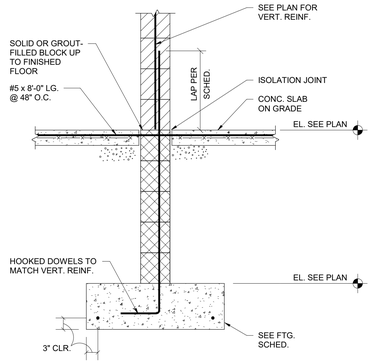
SECTION 2 — 3/4" = 1'-0"



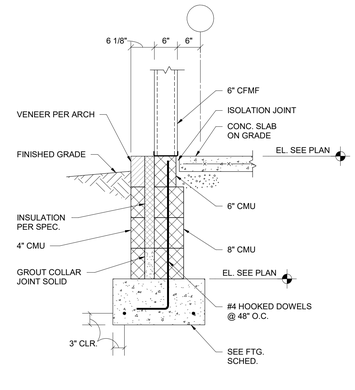
SECTION A

SECTION B

SECTION 3 — 3/4" = 1'-0"



SECTION 4 — 3/4" = 1'-0"



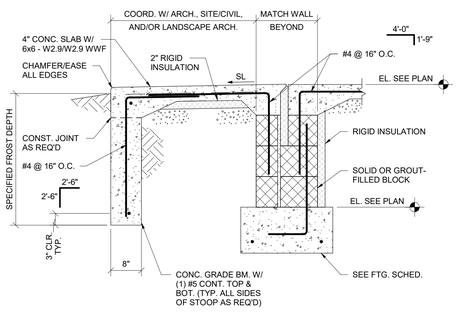
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SECTION 6 — 3/4" = 1'-0"

SECTION 7 — 3/4" = 1'-0"

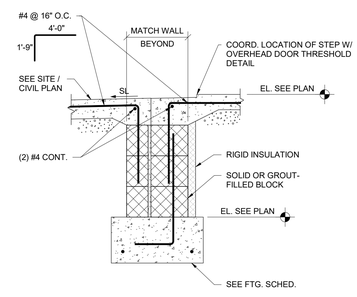
SECTION 8 — 3/4" = 1'-0"

SECTION 9 — 3/4" = 1'-0"



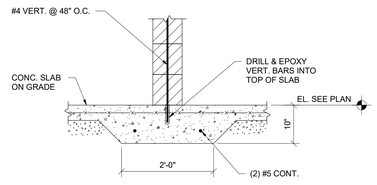
TYPICAL INTERIOR-TO-EXTERIOR SLAB TRANSITION

SECTION 10 — 3/4" = 1'-0"

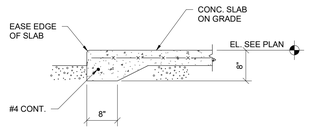


TYPICAL INTERIOR-TO-EXTERIOR SLAB AT OVERHEAD DOORS

SECTION 11 — 3/4" = 1'-0"



SECTION 12 — 3/4" = 1'-0"



SECTION 13 — 3/4" = 1'-0"

ALL FOUNDATION DESIGNS AND DETAILS ARE PRELIMINARY PENDING REVIEW OF FINAL METAL BUILDING INFORMATION

STATE OF OHIO — STANLEY N. FULLER E-67148 — PROFESSIONAL ENGINEER

GARMANN MILLER — MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA — mmmgm.com

NEW BUILDING FOR -

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	JPK (R25)	SNF

SHEET TITLE:

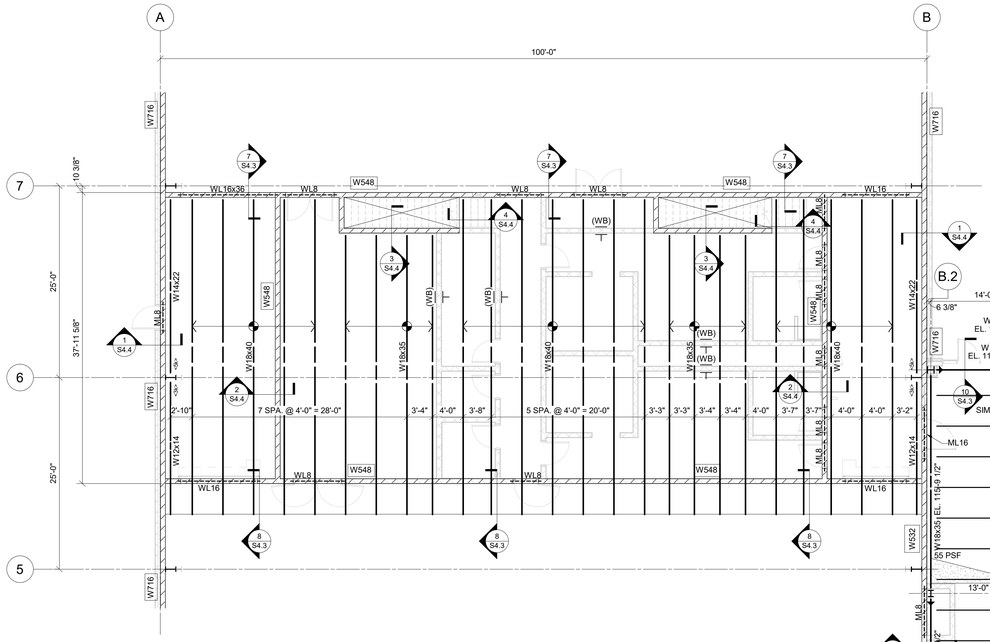
FOUNDATION DETAILS

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S2.2

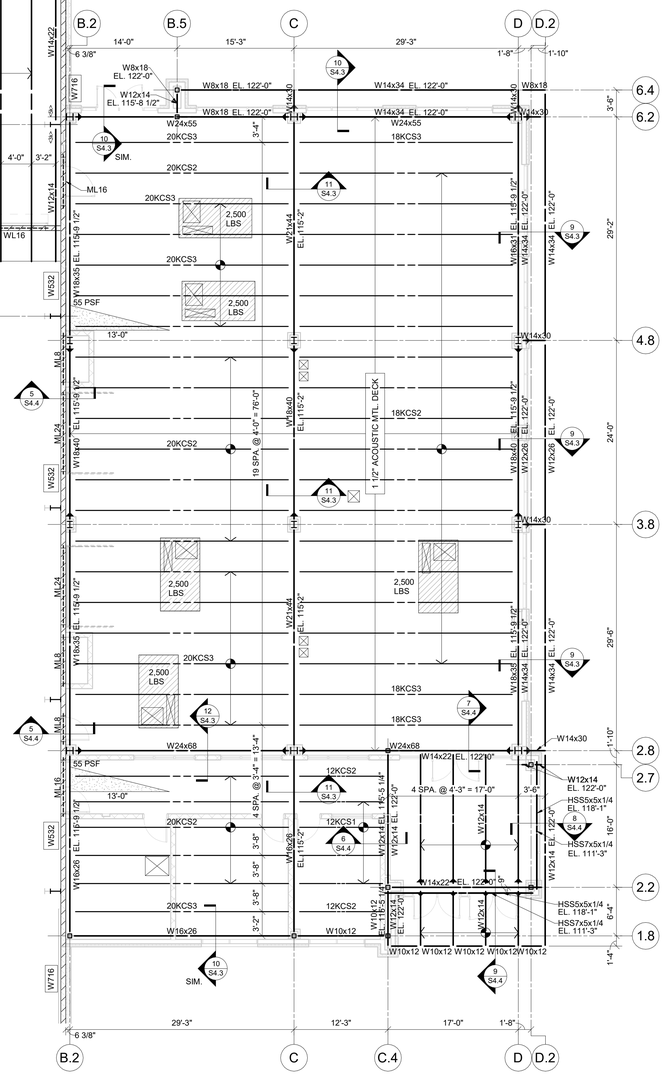
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MEZZANINE FRAMING PLAN
1/8" = 1'-0"

SEE SPECIFICATIONS FOR ATHLETIC EQUIPMENT TO BE HUNG FROM THE PRE-ENGINEERED METAL BUILDING.



ROOF FRAMING PLAN
1/8" = 1'-0"

FLOOR FRAMING NOTES

1. DESIGN LIVE LOADS:
   - MEZZANINES: 100 PSF
   - STAIRS AND EXITS: 100 PSF
2. FLOOR CONSTRUCTION:
   4" (OVERALL) CONC. SLAB W/ 4x4-W2.9/W2.9 WWF ON 1" x 22 GA. METAL DECK. MESH IS TO BE SUPPORTED DURING CONCRETE PLACEMENT ON CHAIRS OR BOLSTERS AT MID-DEPTH OF SLAB, HALF-WAY BETWEEN THE TOP OF DECK RIBS AND THE TOP OF SLAB. MESH IS NOT TO BE PULLED INTO PLACE DURING CONCRETE PLACEMENT. WIRE MESH IS AN INTEGRAL COMPONENT OF THE SLAB DESIGN AND MAY NOT BE REPLACED WITH FIBER ADDITIVE. SEE SECTION 2/S4.3 FOR TYPICAL DECK ATTACHMENT TO SUPPORTING STRUCTURE.
3. ☒ INDICATES FLOOR OPENING. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE CONTRACTOR(S). NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. SEE SECTION 4/S4.3 FOR FRAMING OF ALL OPENINGS EQUAL TO OR GREATER THAN 12" SQUARE OR DIAMETER. ADDITIONAL FRAMING IS NOT REQUIRED FOR OPENINGS LESS THAN 12" SQUARE.
4. TOP OF STRUCTURAL STEEL / DECK BEARING ELEVATION 111'-8" UNLESS NOTED OTHERWISE. SEE PLAN FOR OTHER TOP OF STEEL ELEVATIONS. REFERENCE ELEVATION 100'-0" = TOP OF FIRST FLOOR SLAB ON GRADE.
5. SLABS ON METAL DECK ARE TO BE FINISHED TO A THEORETICAL LEVEL. THICKNESSES GIVEN ARE APPLICABLE AT COLUMNS, BEARING WALLS, AND OTHER RIGID SUPPORTING ELEMENTS. SLABS MAY, THEREFORE, BE THICKER AT MID-SPAN OF SUPPORT DUE TO DEFLECTION UNDER WET CONCRETE. THE CONTRACTOR IS TO CONSIDER THE VOLUME OF THIS ADDITIONAL CONCRETE IN THEIR BID.
6. SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.
7. CAMBER IS NOT REQUIRED IN STEEL BEAMS UNLESS INDICATED BY "C+".
8. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

ROOF FRAMING NOTES

1. DESIGN LIVE/SNOW LOADS:
   - ROOF LIVE: 20 PSF
   - ROOF SNOW: 22 PSF + DRIFT
   - WIND (NET UPLIFT): -10 PSF
2. ROOF CONSTRUCTION:
   1-1/2" x 22 GA WIDE RIB, AND WIDE RIB ACOUSTIC, METAL DECK. SEE SECTION 3/S4.3 FOR TYPICAL ATTACHMENT TO SUPPORTING STRUCTURE.
3. INDICATES BEAM-TO-BEAM MOMENT CONNECTION PER SECTION 1/S4.1 OR BEAM-TO-COLUMN MOMENT CONNECTION PER SECTIONS 2/S4.1 OR 3/S4.1.
4. (xx)k INDICATES UNFACTORED (ASD) BEAM REACTION IN KIPS. FABRICATOR TO PROVIDE CONNECTION ADEQUATE TO SUPPORT LOAD GIVEN. WHERE REACTIONS ARE NOT GIVEN, DESIGN BEAM CONNECTIONS FOR 110% OF THE UNIFORM LOAD CAPACITY LISTED IN THE AISC STEEL DESIGN MANUAL, TABLE 3-6 (55% EACH END).
5. C.A. INDICATES COLUMN ABOVE. SEE SECTION 4/S4.1 FOR WEB REINFORCING BELOW COLUMN BASE PLATE.
6. ☒ INDICATES ROOF OPENING. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE CONTRACTOR(S). NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. SEE SECTION 5/S4.3 FOR FRAMING OF ALL OPENINGS EQUAL TO OR GREATER THAN 12" SQUARE OR DIAMETER. ADDITIONAL FRAMING IS NOT REQUIRED FOR OPENINGS LESS THAN 12" SQUARE.
7. W7# INDICATES MECHANICAL LOAD SUPPORTED ON ROOF. COORDINATE FINAL SIZE, WEIGHT, LOCATION, AND OPENING REQUIREMENTS WITH MECHANICAL CONTRACTOR. TOLERANCE FOR LOCATION OF ACTUAL UNIT IS ± 2 FEET IN ANY DIRECTION FROM WHERE SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE SUPPORT FRAME PER SECTION 6/S4.3 AND REINFORCE JOISTS AT SUPPORT LOCATIONS PER SECTION 1/S4.3.
8. INDICATES SNOW DRIFT LOAD ON ROOF. JOISTS HAVE BEEN SIZED FOR THE LOAD SHOWN UNLESS NOTED OR SCHEDULED OTHERWISE.
9. TOP OF STRUCTURAL STEEL AND/OR JOIST BEARING ELEVATION NOTED ON PLAN. REFERENCE ELEVATION 100'-0" = TOP OF FIRST FLOOR SLAB ON GRADE.
10. ALL JOISTS ARE TO BE DESIGNED FOR NET UPLIFT AS DEFINED IN DESIGN LOADS ABOVE. PROVIDE BRIDGING IN ADDITION TO MINIMUM SJI REQUIREMENTS IF NEEDED.
11. SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.
12. CAMBER IS NOT REQUIRED IN STEEL BEAMS UNLESS INDICATED BY "C+".
13. REINFORCE JOISTS AT CONCENTRATED LOADS PER SECTION 1/S4.3.
14. SEE SHEET S4.1 FOR COLUMN SCHEDULE AND DETAILS.
15. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

MASONRY WALL NOTES

1. ML(d) INDICATES MASONRY BOND BEAM LINTEL PER SECTION 1/S4.2. USE STANDARD SCHEDULED BOND BEAM LINTELS FOR ALL EXPOSED ARCHITECTURAL OPENINGS IN NON-LOADBEARING MASONRY WALLS UNLESS NOTED OTHERWISE.
2. WL(d) INDICATES WIDE-FLANGE STEEL BEAM LINTEL PER SECTION 2/S4.2. PROVIDE 1/4" SETTING PLATE AND 3/4" ANCHOR BOLTS EACH END PER SECTIONS 6/S4.2 AND 7/S4.2.
3. VL(d) INDICATES VENEER LINTEL PER SECTION 3/S4.2. USE STANDARD SCHEDULED VENEER LINTELS FOR ALL OPENINGS IN BRICK OR MASONRY VENEERS UNLESS NOTED OTHERWISE.
4. (WB) INDICATES MASONRY WALL BRACE PER SECTION 4/S4.2. WALL BRACES ARE TO BE LOCATED AS SHOWN AT A SPACING NOT TO EXCEED 18x THE NOMINAL WALL WIDTH (e.g. 12'-0" O.C. FOR 8" CMU) FOR ALL INTERIOR NON-LOADBEARING MASONRY PARTITIONS WHERE SAME-HEIGHT CROSSWALLS DO NOT PROVIDE LATERAL SUPPORT AT A CLOSER SPACING. WALL BRACES ARE ALSO TO BE LOCATED AT THE FREE ENDS OF WALLS WHERE SAME-HEIGHT CROSSWALLS DO NOT PROVIDE LATERAL SUPPORT WITHIN 6x THE NOMINAL WALL WIDTH (e.g. 4'-0" FOR 8" CMU).
5. [Wx] INDICATES MASONRY WALL REINFORCING TYPE PER SCHEDULE. ALL REINFORCING SHALL BE CONTINUOUS THROUGHOUT THE LENGTH OF THE WALL. WHERE REINFORCING OF VERTICAL REINFORCING IS INTERRUPTED BY OPENING IN WALL (DOOR, WINDOW, LOUVER, ETC.) PROVIDE ONE FULL-HEIGHT REINFORCING BAR AT EACH JAMB FOR EACH 8'-0" OF OPENING WIDTH. SEE SCHEDULE ON SHEET S0.1 FOR LENGTH OF LAP SPLICES.
6. NOT ALL LINTELS ARE SHOWN ON THESE PLANS. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, WIDTH, HEIGHT, AND ELEVATION OF ALL EXPOSED OPENINGS. COORDINATE LOCATION, WIDTH, HEIGHT, AND ELEVATION OF ALL CONCEALED OPENINGS WITH APPROPRIATE TRADE CONTRACTOR. LINTELS SHOWN OFFSET FROM CENTERLINE OF WALL TYPICALLY INDICATE OPENINGS FOR MECHANICAL, ELECTRICAL, PLUMBING, AND/OR TECHNOLOGY WORK.
7. LINTELS ARE NOT REQUIRED FOR OPENINGS IN CMU WALLS LESS THAN 16" WIDE AND IN BRICK VENEERS LESS THAN 8" WIDE. MASONRY CONTRACTOR IS TO COORDINATE ALL OPENING REQUIREMENTS WITH APPROPRIATE TRADE CONTRACTOR.
8. SEE ELEVATION A/S4.2 FOR TYPICAL REINFORCED MASONRY WALL CONSTRUCTION. PROVIDE CORNER BARS AT ALL MASONRY BOND BEAM INTERSECTIONS PER DETAIL 5/S4.2.
9. PROVIDE CONTROL JOINTS IN ALL MASONRY WALLS AT A SPACING NOT TO EXCEED THREE TIMES THE WALL HEIGHT OR 24 FEET ON CENTER, WHICHEVER IS SMALLER. IN ADDITION, PROVIDE CONTROL JOINTS AT THE ENDS OF LINTELS, CHANGES IN WALL HEIGHT, CHANGES IN WALL THICKNESS, WITHIN 2 FEET OF WALL CORNERS AND INTERSECTIONS, TRANSITIONS FROM INTERIOR WALL TO EXTERIOR WALL, AND TRANSITIONS FROM WALL BEARING ON FOUNDATION TO WALL BEARING ON FLOOR SLAB.
10. PROVIDE #3 VERTICAL REINFORCING BARS AT 72" O.C. FOR ALL PARTIAL-HEIGHT KNEE WALLS AND ALL NON-LOADBEARING MASONRY PARTITION WALLS GREATER THAN 14'-0" TALL UNLESS SHOWN OR NOTED OTHERWISE. VERTICAL REINFORCING IS NOT TYPICALLY REQUIRED FOR NON-LOADBEARING PARTITION WALLS UNDER 14'-0" TALL. SEE ARCHITECTURAL DRAWINGS FOR THE LOCATION OF ALL MASONRY WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
11. SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

MASONRY WALL REINFORCING SCHEDULE

MARK	VERTICAL REINFORCING	REMARKS
W448	#4 @ 48" O.C.	-
W548	#5 @ 48" O.C.	-
W532	#5 @ 32" O.C.	-
W716	#7 @ 16" O.C.	-

MASONRY WALL REINFORCING SCHEDULE NOTES:

1. ALL BARS TO BE CENTERED IN CELL UNLESS NOTED IN SCHEDULE. COORDINATE POSITION WITH STRUCTURAL DETAILS.
2. PROVIDE ADDITIONAL BARS AT JAMBS OF OPENINGS AS INDICATED IN THE TYPICAL REINFORCED MASONRY WALL ELEVATION. PROVIDE ADDITIONAL BARS AT SPECIFIC LOCATIONS AS INDICATED ON PLAN.
3. LAP ALL BARS PER STANDARD MASONRY REINFORCING LAP SCHEDULE ON GENERAL STRUCTURAL SHEETS.

STATE OF OHIO
STANLEY N. FULLER
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PROFESSIONAL ENGINEER

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- NEW BUILDING FOR -
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

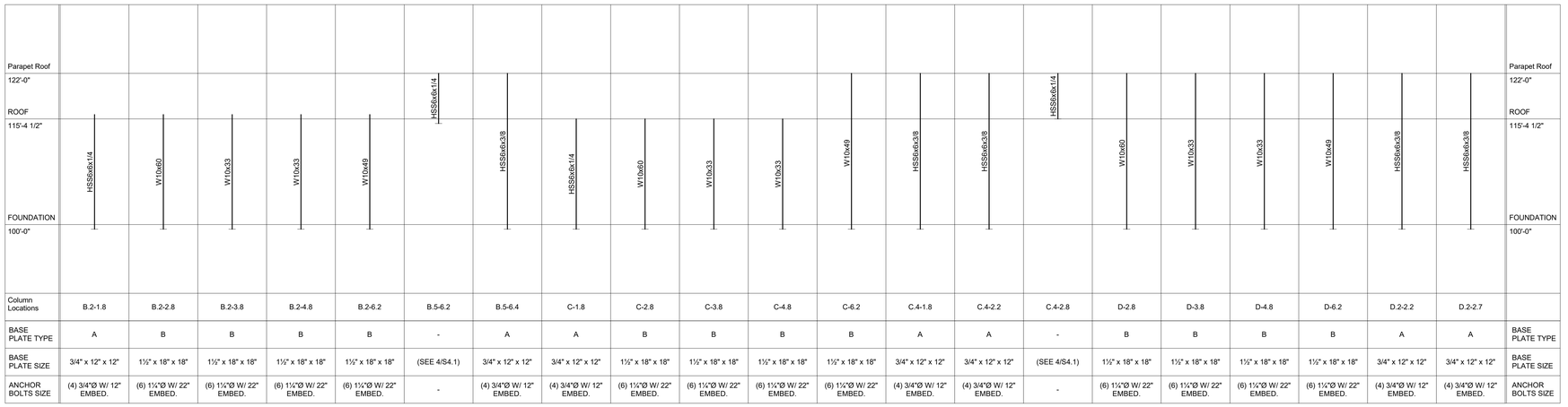
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25041.00	JPK (R2S)	SNF

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FRAMING PLANS

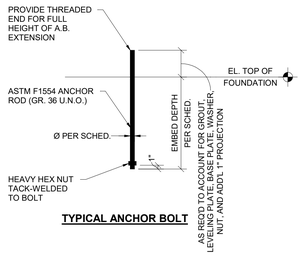
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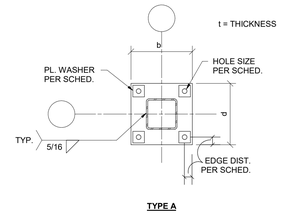


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BASE PLATE TYPE	A	B	B	B	B	-	A	A	B	B	B	B	A	A	-	B	B	B	B	A	A	BASE PLATE TYPE
BASE PLATE SIZE	3/4" x 12" x 12"	1½" x 18" x 18"	1½" x 18" x 18"	1½" x 18" x 18"	1½" x 18" x 18"	(SEE 4/S4.1)	3/4" x 12" x 12"	3/4" x 12" x 12"	1½" x 18" x 18"	1½" x 18" x 18"	1½" x 18" x 18"	1½" x 18" x 18"	3/4" x 12" x 12"	3/4" x 12" x 12"	(SEE 4/S4.1)	1½" x 18" x 18"	1½" x 18" x 18"	1½" x 18" x 18"	1½" x 18" x 18"	3/4" x 12" x 12"	3/4" x 12" x 12"	BASE PLATE SIZE
ANCHOR BOLTS SIZE	(4) 3/4"Ø W/ 12" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	-	(4) 3/4"Ø W/ 12" EMBED.	(4) 3/4"Ø W/ 12" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(4) 3/4"Ø W/ 12" EMBED.	(4) 3/4"Ø W/ 12" EMBED.	-	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(6) 1¼"Ø W/ 22" EMBED.	(4) 3/4"Ø W/ 12" EMBED.	(4) 3/4"Ø W/ 12" EMBED.	ANCHOR BOLTS SIZE



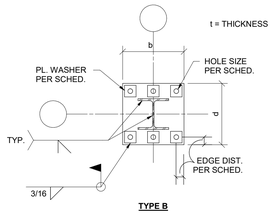
TYPICAL ANCHOR BOLT

BASE PLATE DETAILING SCHEDULE			
BOLT SIZE	BASE PLATE HOLE SIZE	EDGE DISTANCE	PLATE WASHER
3/4"Ø	1-5/16"Ø	1-1/2"	1/4" x 2-1/2" SQ.
1"Ø	1-13/16"Ø	2"	3/8" x 3" SQ.
1-1/4"Ø	2-1/16"Ø	2"	1/2" x 3" SQ.



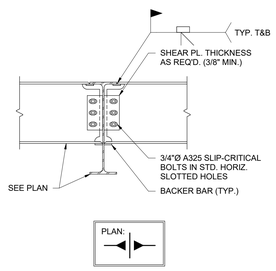
TYPE A

BASE PLATE DETAIL

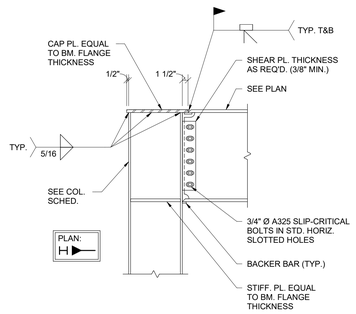


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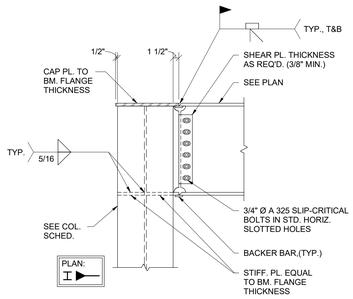
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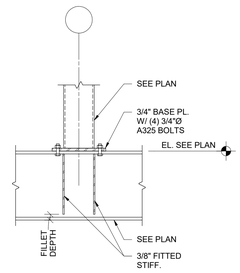
SECTION 1 — 3/4" = 1'-0"



SECTION 2 — 3/4" = 1'-0"



SECTION 3 — 3/4" = 1'-0"



TYPICAL POST-UP BEAM DETAIL

SECTION 4 — 3/4" = 1'-0"

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NEW BUILDING FOR -

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CONSTRUCTION DOCUMENTS	12/11/2025

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25041.00	JPK (R2S)	SNF

SHEET TITLE:

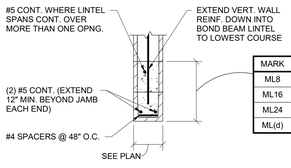
COLUMN SCHEDULE AND DETAILS

SHEET NUMBER:

S4.1

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MASONRY LINTELS



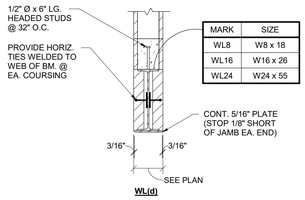
MARK	DEPTH (d)	MAX. SPAN (UNO)
ML8	8"	6'-0"
ML16	1'-4"	8'-4"
ML24	2'-0"	10'-8"
ML(d)	(d) INCHES	(PER DRAWINGS)

ML(d)

MASONRY LINTEL NOTES

1. FILL IS 2500 PSI (MINIMUM) GROUT. USE FINE GROUT FOR WALLS 6 INCHES AND LESS.
2. FOR TYPE OF CMU AND TYPE OF BOND, SEE SPECIFICATION SECTION 042000.
3. PROVIDE 16" MINIMUM BEARING EACH END. LINTELS SHALL BEAR ON SOLID CMU OR ON 2 FILLED COURSES.
4. MAXIMUM SPANS DO NOT APPLY TO LOAD BEARING WALLS.
5. BOND PATTERN OF LINTEL TO MATCH THAT OF SURROUNDING WALL. PROVIDE SCORED BLOCK AS REQUIRED TO MATCH ADJACENT WALL FINISH. REFER TO INTERIOR FINISH SCHEDULE FOR LOCATIONS.
6. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED.
7. 14" LINTELS MAY BE MADE-UP OF TWO PIECES IF 14" BOND BEAM UNITS ARE NOT AVAILABLE.

STEEL BEAM LINTELS



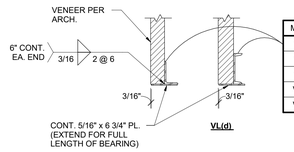
MARK	SIZE
WL8	W8 x 18
WL16	W16 x 26
WL24	W24 x 55

WL(d)

STEEL BEAM LINTEL NOTES

1. LINTELS SHALL BEAR ON SOLID MASONRY OR ON TWO CMU COURSES FULLY GROUTED.
2. FURNISH AND INSTALL ALL LOOSE LINTELS REQUIRED FOR ALL OPENINGS IN MASONRY, INCLUDING MECHANICAL AND ELECTRICAL WORK, WHETHER SPECIFICALLY NOTED ON DRAWINGS OR NOT.
3. ALL LINTELS AT EXTERIOR LOCATIONS OR OTHERWISE SUBJECT TO WEATHER OR CORROSIVE ATMOSPHERE SHALL BE GALVANIZED.
4. PROVIDE 8" MINIMUM BEARING EACH END FOR 8" AND 16" DEEP SPAN LINTELS. USE 12" MINIMUM BEARING EACH END FOR 24" (AND DEEPER) SPAN LINTELS.
5. PROVIDE 1/4" SETTING PLATE AND 3/4"Ø ANCHOR BOLTS EACH END.
6. PROVIDE TWO LAYERS OF 15-MIL PLASTIC VAPOR BARRIER BELOW ALL LINTEL BEARINGS AND CAULK FACE JOINT.

VENEER LINTELS

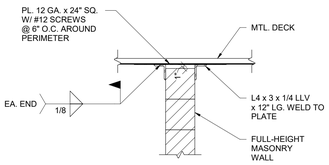


MARK	SIZE	MAX. SPAN (UNO)
VL4	L4 x 3 1/2 x 5/16 LLV	6'-0"
VL6	L6 x 3 1/2 x 5/16 LLV	8'-4"
VL8	C8 x 11.5	12'-0"
VL10	C10 x 20	15'-0"
VL12	C12 x 30	18'-0"

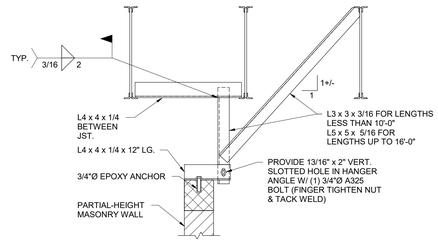
VL(d)

VENEER LINTEL NOTES

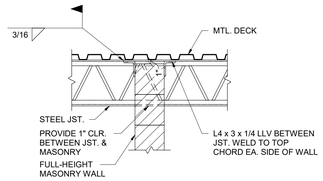
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2. ALL LINTELS AT EXTERIOR LOCATIONS OR OTHERWISE SUBJECT TO WEATHER OR CORROSIVE ATMOSPHERE SHALL BE GALVANIZED.
3. PROVIDE 6" MINIMUM BEARING EACH END.
4. PROVIDE TWO LAYERS OF 15-MIL PLASTIC VAPOR BARRIER BELOW ALL LINTEL BEARINGS AND CAULK FACE JOINT.



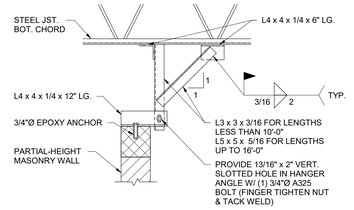
FULL HEIGHT-PARALLEL TO JOIST



PARTIAL HEIGHT-PARALLEL TO JOIST



FULL HEIGHT-PERPENDICULAR TO JOIST



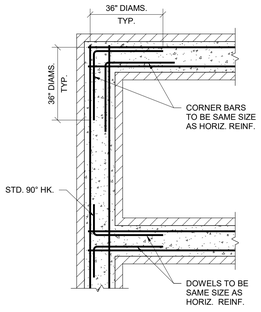
PARTIAL HEIGHT-PERPENDICULAR TO JOIST

SECTION 1 — 3/4" = 1'-0"

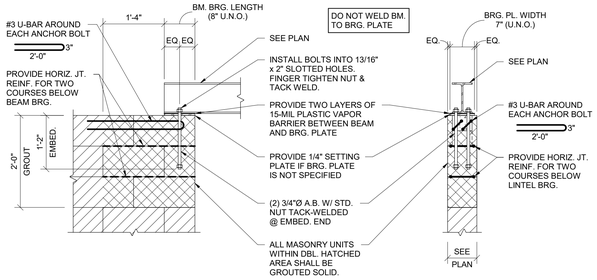
SECTION 2 — 3/4" = 1'-0"

SECTION 3 — 3/4" = 1'-0"

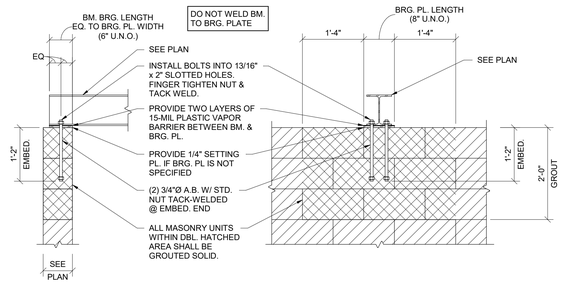
SECTION 4 — 3/4" = 1'-0"



TYPICAL CORNER BARS FOR MASONRY BOND BEAMS



TYPICAL BEAM BEARING PARALLEL TO MASONRY WALL OR AT CORNER OF MASONRY WALL

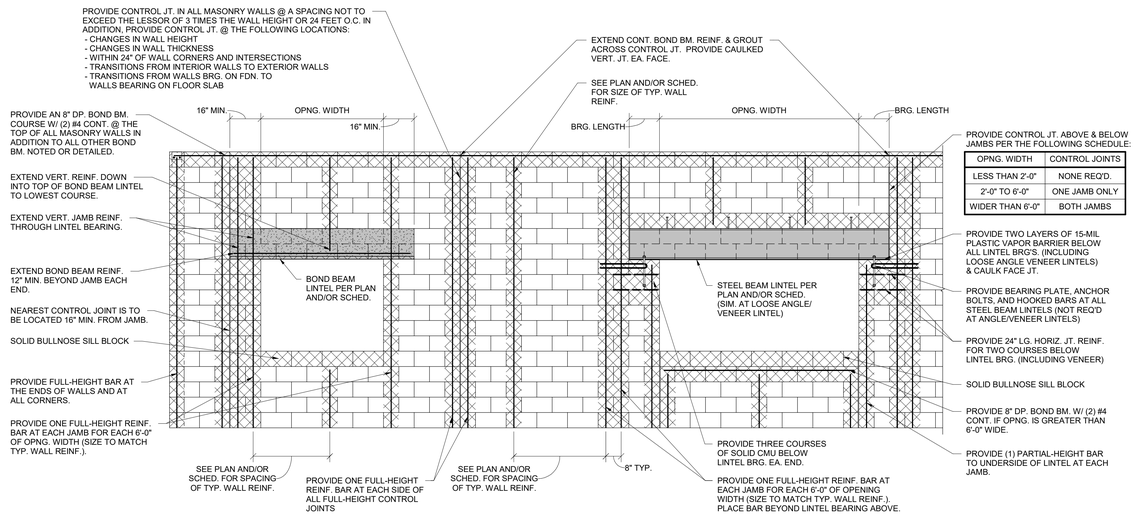


TYPICAL BEAM BEARING PERPENDICULAR TO MASONRY WALL

SECTION 5 — 3/4" = 1'-0"

SECTION 6 — 3/4" = 1'-0"

SECTION 7 — 3/4" = 1'-0"



OPNG. WIDTH	CONTROL JOINTS
LESS THAN 2'-0"	NONE REQ'D.
2'-0" TO 6'-0"	ONE JAMB ONLY
WIDER THAN 6'-0"	BOTH JAMBS

TYPICAL REINFORCED MASONRY WALL CONSTRUCTION

ELEVATION A — 3/8" = 1'-0"

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NEW BUILDING FOR -

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

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SHEET TITLE:

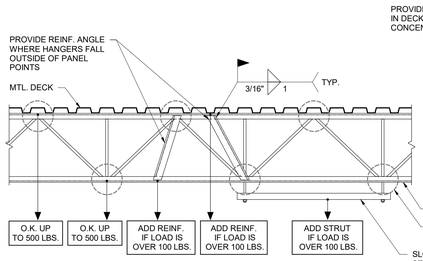
WALL AND LINTEL DETAILS

SHEET NUMBER:

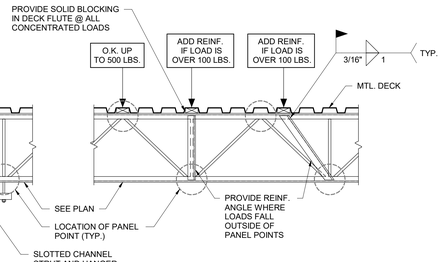
S4.2

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TYPICAL JOIST REINFORCING AT HANGING LOADS



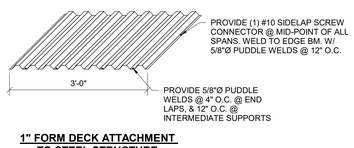
TYPICAL EXISTING JOIST REINFORCING AT ROOFTOP LOADS

JOIST REINFORCING NOTES

1. REINFORCING IS TYPICAL FOR ALL JOISTS SUPPORTING LOAD IN EXCESS OF 100 LBS. BETWEEN TOP OR BOTTOM CHORD PANEL POINTS. MAXIMUM CONCENTRATED LOAD BETWEEN PANEL POINTS SHALL NOT EXCEED 500 LBS.
2. IT IS THE MECHANICAL CONTRACTOR'S SOLE RESPONSIBILITY TO CALCULATE HANGER LOADS ON A CASE-BY-CASE BASIS AND INFORM THE GENERAL CONTRACTOR WHERE JOIST REINFORCEMENT IS REQUIRED.
3. REINFORCING ANGLE IS ONLY REQUIRED ON THE SIDE OF THE JOIST WHERE THE HANGER CLIP HARDWARE IS INSTALLED. FOR ROOFTOP LOADS, THE REINFORCING ANGLE MAY BE INSTALLED ON EITHER SIDE OF THE JOIST
4. SIZE OF REINFORCING ANGLE IS AS FOLLOWS:

JOIST DEPTH	ANGLE SIZE
LESS THAN 24"	L1 1/4 x 1 1/4 x 3/16
24" TO 48"	L2 x 2 x 3/16
48" TO 72"	L3 x 3 x 1/4

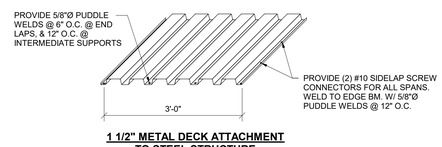
SECTION 1 — 3/4" = 1'-0"



1" FORM DECK ATTACHMENT TO STEEL STRUCTURE
(36/4 - 1 PATTERN)

MECHANICAL PIN FASTENING IS ACCEPTABLE IN LIEU OF WELDED FASTENING PROVIDED THAT SUBSTITUTION CALCULATIONS ARE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION.

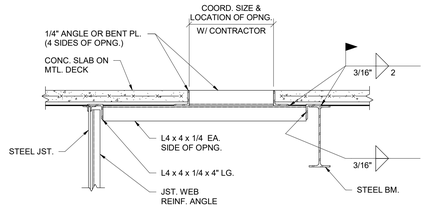
SECTION 2 — 3/4" = 1'-0"



1 1/2" METAL DECK ATTACHMENT TO STEEL STRUCTURE
(36/4 - 2 PATTERN)

MECHANICAL PIN FASTENING IS ACCEPTABLE IN LIEU OF WELDED FASTENING PROVIDED THAT SUBSTITUTION CALCULATIONS ARE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION.

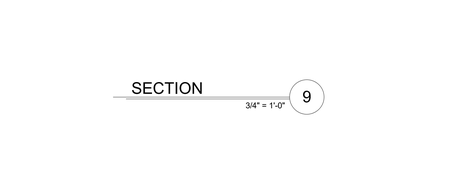
SECTION 3 — 3/4" = 1'-0"



OPENING FRAME IS TYPICAL FOR ALL FLOOR PENETRATIONS GREATER THAN OR EQUAL TO 12" SQUARE OR 12" DIAMETER

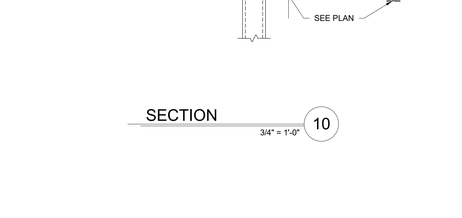
TYPICAL FLOOR OPENING FRAMING

SECTION 4 — 3/4" = 1'-0"



OPENING FRAME IS TYPICAL FOR ALL ROOF PENETRATIONS GREATER THAN OR EQUAL TO 12" SQUARE OR 12" DIAMETER

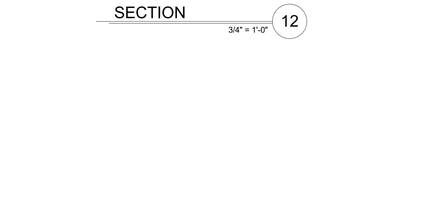
TYPICAL ROOF OPENING FRAMING



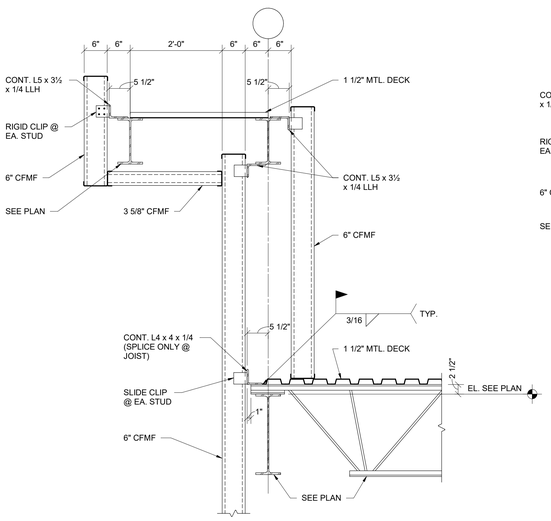
OPENING FRAME IS TYPICAL FOR ALL DECK PENETRATIONS GREATER THAN OR EQUAL TO 12" SQUARE OR 12" DIAMETER
SUPPORT FRAME IS TYPICAL FOR ALL MECHANICAL UNITS WEIGHING 500# OR MORE.

TYPICAL MECHANICAL UNIT SUPPORT AND ROOF OPENING FRAMING

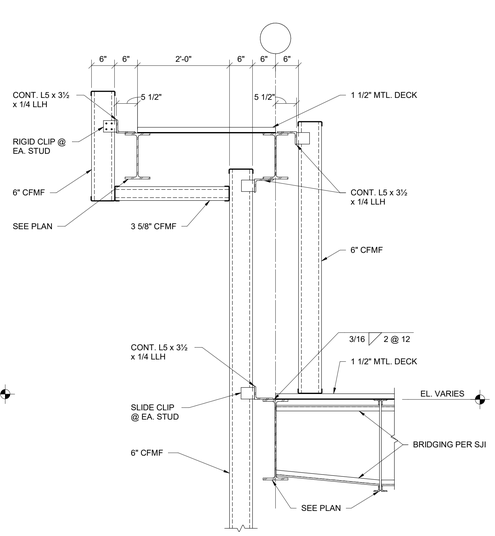
SECTION 7 — 3/4" = 1'-0"



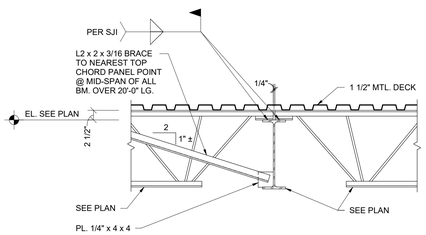
SECTION 8 — 3/4" = 1'-0"



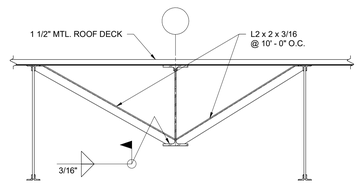
SECTION 9 — 3/4" = 1'-0"



SECTION 10 — 3/4" = 1'-0"



SECTION 11 — 3/4" = 1'-0"



SECTION 12 — 3/4" = 1'-0"

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- NEW BUILDING FOR -

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

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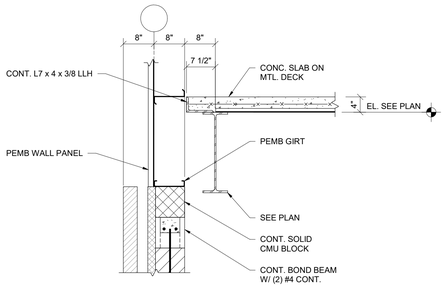
FRAMING DETAILS

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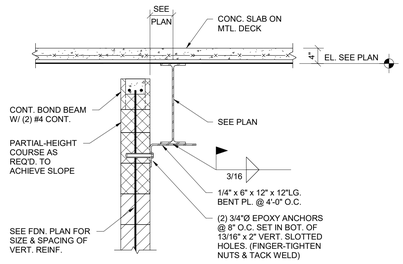
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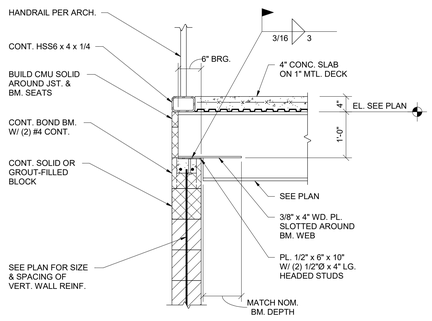
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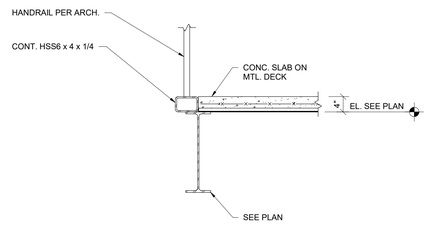
SECTION 1 — 3/4" = 1'-0"



SECTION 2 — 3/4" = 1'-0"



SECTION 3 — 3/4" = 1'-0"



SECTION 4 — 3/4" = 1'-0"

SECTION 5 — 3/4" = 1'-0"

SECTION 6 — 3/4" = 1'-0"

SECTION 7 — 3/4" = 1'-0"

SECTION 8 — 3/4" = 1'-0"

SECTION 9 — 3/4" = 1'-0"

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ISSUANCES/REVISIONS

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FRAMING DETAILS

SHEET NUMBER:

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- NOTE:

	ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW.

- CHARACTERS

&	AND
Ø	DIAMETER/ROUND

A

A	AIR
AB	ABOVE BASE
ABV	ABOVE
AC	AIR CONDITIONING
ACOUS	ACOUSTICAL
AD	AREA DRAIN
ADD	ADDENDUM
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AG	ABOVE GROUND
ALT	ALTERNATE
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
AUTO	AUTOMATIC
AV	ACID RESISTANT VENT
AW	ACID RESITANT WASTE

B

BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BLW	BELOW
BO	BY OTHER
BOT	BOTTOM
BSMT	BASEMENT
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS PER HOUR
BTWN	BETWEEN

C

CAP	CAPACITY
CB	CATCH BASIN
CCW	COUNTER CLOCKWISE
CFCV	CONSTANT FLOW CONTROL VALVE
CFM	CUBIC FEET PER MINUTE
CHW	CIRCULATING HOT WATER
CI	CAST IRON
CLG	CEILING/COOLING
CO	CLEAN OUT
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
COND	CONDENSATE
CONF	CONFERENCE
CONN	CONNECT
CONST	CONSTRUCTION
CONT	CONTINUE/CONTINUATION
CONTR	CONTRACT/CONTRACTOR
COORD	COORDINATE
CTR	CENTER
CUFT	CUBIC FEET
CV	CHECK VALVE
CW	COLD WATER
CW	CLOCKWISE

D

D	DEGREE
DB	DRY BULB
DET	DETAIL
DI	DEIONIZED WATER
DIA	DIAMETER
DISCH	DISCHARGE
DIV	DIVISION
DMPR	DAMPER
DN	DOWN
DW	DISTILLED WATER
DWG	DRAWING

E

EA	EACH
EAT	ENTERING AIR TEMPERATURE
EL	ELBOW
ELEC	ELECTRICAL
ELEV	ELEVATION
EP	EXPLOSION PROOF
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
EXIST	EXISTING
EXP	EXPANSION JOINT
EXT	EXTERIOR

F

F	DEGREES FAHRENHEIT
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FDV	FIRE DEPARTMENT VALVE
FHC	FIRE HOSE CABINET
FL	FLOOR
FLEX	FLEXIBLE
FLG	FLANGE
FO	FUEL OIL
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VALVE
FPM	FEET PER MINUTE
FRP	FIBERGLASS REINFORCED PIPE
FS	FULL SIZE/FLOOR SINK
FT	FOOT/FEET
FTG	FOOTING
FTR	FIN TUBE RADIATION
FUT	FUTURE

G

GA	GAGE/GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GENL	GENERAL
GPM	GALLONS PER MINUTE
GR	GRADE
GW	GREASE WASTE

H

HB	HOSE BIB
HD	HEAD
HORZ	HORIZONTAL
HP	HORSE POWER/HIGH PRESSURE
HTG	HEATING
HTR	HEATER
HW	HOT WATER
HYD	HYDRANT

I

ID	INDIRECT
IN	INCH
INL	INLET
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
INWG	INCHES WATER GAUGE

J

JST SPC	JOIST SPACE
JT	JOINT

L

LAB	LABORATORY
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LB/HR	POUNDS PER HOUR
LF	LINEAL FOOT
LP	LOW PRESSURE
LPG	LIQUEFIED PERTOLEUM GAS
LR	LIQUID REFRIGERANT
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE

M

M/A	MIXED AIR
MAN	MANUAL
MATL	MATERIAL
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MBD	MOTORIZED BYPASS DAMPER
MBH	ONE THOUSAND BTU PER HOUR
MCF	ONE THOUSAND CUBIC FEET
MCW	MAKE-UP COLD WATER
MD	MOTORIZED DAMPER
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MOTORIZED BYPASS DAMPER
MISC	MISCELLANEOUS
MTR	MOTOR
MU/A	MAKE-UP/AIR

N

N	NECK
NC	NOISE CRITERIA/NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NUMBER/NORMALLY OPEN
NOM	NOMINAL
NTS	NOT TO SCALE

O

O	OXYGEN
O/A	OUTSIDE AIR
OC	ON CENTER
OF	OVERFLOW
OPNG	OPENING
ORD	OVERFLOW ROOF DDRAIN

P

PD	PRESSURE DROP
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PR	PAIR
PREL	PRELIMINARY
PRESS	PRESSURE
PRIM	PRIMARY
PRV	PRESSURE REDUCING VAL
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PW	POTABLE WATER
PWR	POWER

R

RCP	RADIANT CEILING PANEL
RD	ROOF DRAIN
REC	RECESSED
RED	REDUCER
REFR	REFRIGERATION
REQD	REQUIRED
REV	REVERSE
RH	RELATIVE HUMIDITY
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RW	RAIN WATER

S

S	SANITARY
SCHED	SCHEDULE
SD	STORM DRAINAGE
SDO	STORM DRAINAGE OVERFLOW
SECT	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SLV	SLEEVE
SM	SURFACE MOUNT
SP	STANDPIPE/STATIC PRESSURE
SPEC	SPECIFICATION
SPS	STATIC PRESSURE STATION
SQ	SQUARE
SR	SUCTION REFRIGERANT
SS	STAINLESS STEEL
SSD	SOIL SUBDRAIN
STD	STANDARD
STM	STEAM
STRUCT	STRUCTURAL
SUCT	SUCTION
SUSP	SUSPENDED

T

T	THERMOSTAT
TCP	TEMPERATURE CONTROL PANEL
TD	TEMPERATURE DROP
TDR	TRENCH DRAIN
TEFC	TOTALLY ENCLOSED FAN COOLED
TEMP	TEMPERATURE
TYP	TYPICAL

U

UFD	UNDER FLOOR DUCT
UG	UNDERGROUNG

V

V	VENT
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENTILATION
VERT	VERTICAL
VOL	VOLUME
VTR	VENT THROUGH ROOF

W

W	WASTE
WB	WET BULB
WCO	WALL CLEAN OUT
WH	WALL HYDRANT

ABBREVIATIONS

CWV — COMBINATION WASTE & VENT
CA — COMPRESSED AIR
CW — DOMESTIC COLD WATER
H-CW — HARD COLD WATER
S-CW — SOFT COLD WATER
F-CW — FILTERED COLD WATER
RO — REVERSE OSMOSIS WATER
HW — HOT WATER
HW 140° — HOT WATER 140°
HW-R — HOT WATER RECIRCULATION
HW-R 140° — HOT WATER RECIRCULATION 140°
G — NATURAL GAS
PG — PROPANE GAS
GV — GREASE VENT
GW — GREASE WASTE
IW — INDIRECT WASTE
OV — OIL VENT
OW — OIL WASTE
PD — PUMP DISCHARGE
V — SANITARY VENT
S — SANITARY SEWER
SHWR — SOLAR HOT WATER RETURN
SHWS — SOLAR HOT WATER SUPPLY
SD — STORM DRAINAGE
OSD — OVERFLOW STORM DRAINAGE

PIPE DROP
PIPE RISE
PIPE TEE
CAP
4" 4" 2"
PLUG
REDUCING 45 DEGREE TEE
45 DEGREE TEE

PIPE ACCESSORY TAGS

2" DOM. WM — DOMESTIC WATER METER
2" BALANCING — BALANCING VALVE
2" SHUTOFF — 1/4 TURN BALL VALVE
2" CHECK — CHECK VALVE
2" TMV — 3-WAY MIXING VALVE
2" M-CNTRL — MOTORIZED CONTROL VALVE
2" 3-WAY CNTRL — 3 WAY MOTORIZED CONTROL VALVE
2" PRV — PRESSURE REDUCING VALVE
3/8" SOLENOID — REFRIGERANT SOLENOID VALVE
2" BUTTERFLY — BUTTERFLY VALVE
SHOCK ABSORBER (TYP)

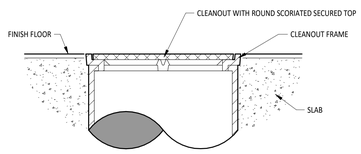
DRAIN TAGS

FLOOR DRAIN — 4" FD — TYPE (SEE SCHEDULE) — 4" AD-6 — AREA DRAIN
FLOOR DRAIN — 4" FD-3P — "P" - INDICATES PRIMER CONNECTION — 4" SD-29 — DECK DRAIN
FLOOR SINK — 3" FS-3 — 4" SD-12 — FLOW CONTROL DRAIN
HUB DRAIN — 3" FD-13 — 2 WFU — FIXTURE UNITS — 4" SD-15 — STORM DRAIN - PRIMARY
VENT THROUGH ROOF — 4" VTR — 0 WFU — ROOF AREA SERVED BY DRAIN — 2" SD-1 — 0 SF — COMBINATION DRAINS

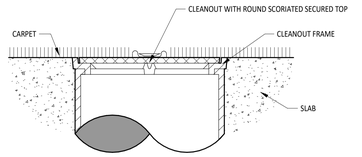
PLUMBING FIXTURE TAGS

TYPE (SEE SCHEDULE) — L-1 — FIXTURE UNITS — 0.75 CWFU, 0.75 HWFU
WATER CLOSET - WALL HUNG - ADA - 17" — WC-1 — WC — L-1 — 1 WFU
PIPE ACCESORY TAG
4" WCO — 4" WCO

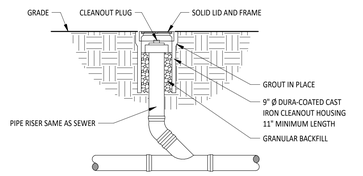
1 P1.1 PLUMBING AND PIPING SYMBOLS
1/8" = 1'-0"



2 P1.1 CLEANOUT - FLUSH WITH FINISH FLOOR
NTS

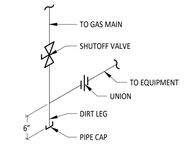


3 P1.1 CLEANOUT - CARPETED AREAS
NTS

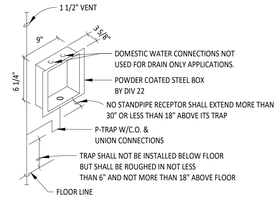


NOTE:
RODDING HOLES SHALL BE LOCATED ON ALL SANITARY AND STORM SEWERS LEAVING THE BUILDING AT 5'-0" OUTSIDE OF THE BUILDING WALL, AT THE ENDS OF THE SEWERS, AND AS SHOWN ON THE PLANS.

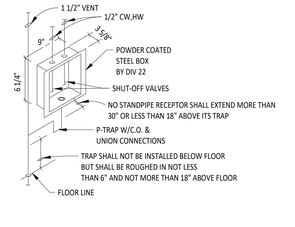
4 P1.1 "RH" RODDING HOLE DETAIL
NTS



5 P1.1 GAS EQUIPMENT CONNECTION DETAIL
NTS



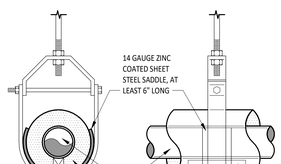
6 P1.1 AUXILLARY DRAIN PIPING DETAIL
NTS



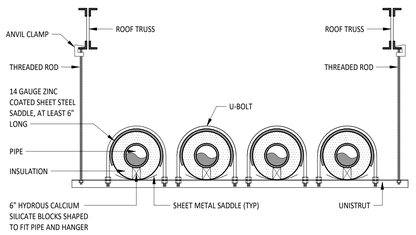
7 P1.1 CLOTHES WASHER PIPING DETAIL
NTS

REVISION NUMBER - SHOWN ON PLANS
POINT WHERE NEW CONNECTS TO EXISTING
NUMBER OF DETAIL ON SHEET
NUMBER OF SHEET WHERE DETAIL APPEARS
KEYNOTE
CONTINUATION SYMBOL
ROOM NAME — 101 — ROOM NAME AND NUMBER
ITEM TO BE DEMOLISHED
AREA NOT IN CONTRACT
2" — PIPE SIZE TAG (DIAMETER)
ABOVE GROUND PIPING
1/8" / 12" SLOPE — PIPE SLOPE TAG
BELOW GROUND PIPING
INVERT: -10' - 1" — PIPE INVERT ELEVATION TAG
(E) — EXISTING PIPE TAG
PIPING BEING DEMOLISHED

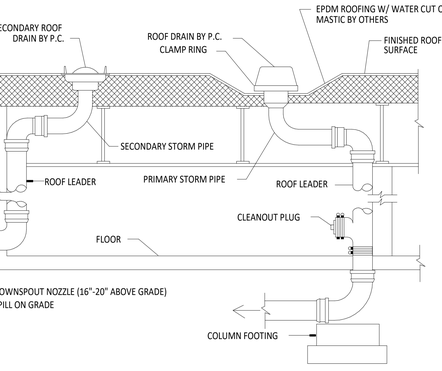
8 P1.1 GENERAL PLUMBING SYMBOLS
1/8" = 1'-0"



9 P1.1 PIPE HANGER - CLEVIS - 6" AND SMALLER
NTS



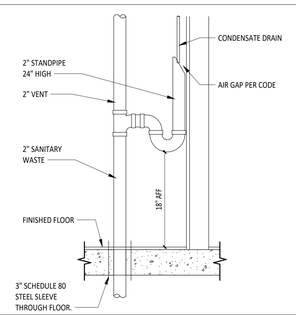
10 P1.1 PLUMBING PIPE HANGER DETAIL
NTS



11 P1.1 OVERFLOW RWC AT FRONT OF BUILDING
NTS

FP-D — FIRE PROTECTION DRY
FP-O — FIRE PROTECTION OTHER
FP-PA — FIRE PROTECTION PRE-ACTION
FP-W — FIRE PROTECTION WET
FP-DOM-W — COMBINATION FIRE & DOMESTIC
UPRIGHT SPRINKLER HEAD
PENDENT SPRINKLER HEAD
RECESSED SPRINKLER HEAD
CONCEALED SPRINKLER HEAD
'D' REPRESENTS DRY SPRINKLER HEAD
SIDEWALL SPRINKLER HEAD
EXTENDED COVERAGE SIDEWALL SPRINKLER HEAD
48"x18" S/A — OBSTRUCTION FROM DUCTWORK 48" AND GREATER

12 P1.1 FIRE PROTECTION SYMBOLS
1/8" = 1'-0"



13 P1.1 STANDPIPE RISER DETAIL
NTS

PLUMBING SHEET INDEX

SHEET NUMBER	SHEET NAME
P1.1	GENERAL NOTES, ABBREVIATIONS, LEGENDS, AND SHEET INDEX
P2.1	UNDER-SLAB PLUMBING PLAN - UNIT A
P3.1	FIRST FLOOR PLUMBING PLAN
P4.1	ENLARGED PLUMBING PLANS
P5.1	PLUMBING SCHEDULES
P6.1	SANITARY ISOMETRIC

FIRE PROTECTION SHEET INDEX

SHEET NUMBER	SHEET NAME
FP1.1	FIRE PROTECTION PLAN

PLUMBING GENERAL NOTES

A VERIFY INVERT ELEVATIONS ON UNDERGROUND SANITARY, STORM, AND OTHER UTILITIES. COORDINATE DEPTHS WITH THE BUILDING CONSTRUCTION AND ALL OTHER UTILITIES INSIDE AND OUTSIDE OF THE BUILDING.
B ALL STORM, SANITARY, AND VENT PIPING IN CHASE EXPOSED TO THE PLENUM AND ABOVE CEILING WHERE PLENUM IS USED FOR RETURN AIR SHALL BE CAST IRON. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
C ALL FINAL GAS CONNECTIONS SHALL BE MADE WITH FLEXIBLE STAINLESS STEEL PIPE OR RIDGED PIPE WITH UNION, SHUT-OFF VALVE, AND DIRT LEG. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.
D PITCH UNDERFLOOR SANITARY WASTE AND STORM PIPING 3" AND GREATER AT 1/8" PER FOOT, UNLESS NOTED OTHERWISE. PITCH ALL OTHER WASTE PIPING AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.
E WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.
F ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFERENCE CIVIL PLANS.
G PROVIDE CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL PLUMBING SANITARY AND STORM RISERS.
H WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK.
I FIRE SEAL AROUND PIPING PENETRATIONS OF FIRE RATED WALLS. REFERERNCE SPECIFICATION.
J PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MUNSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmhgroup.com

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

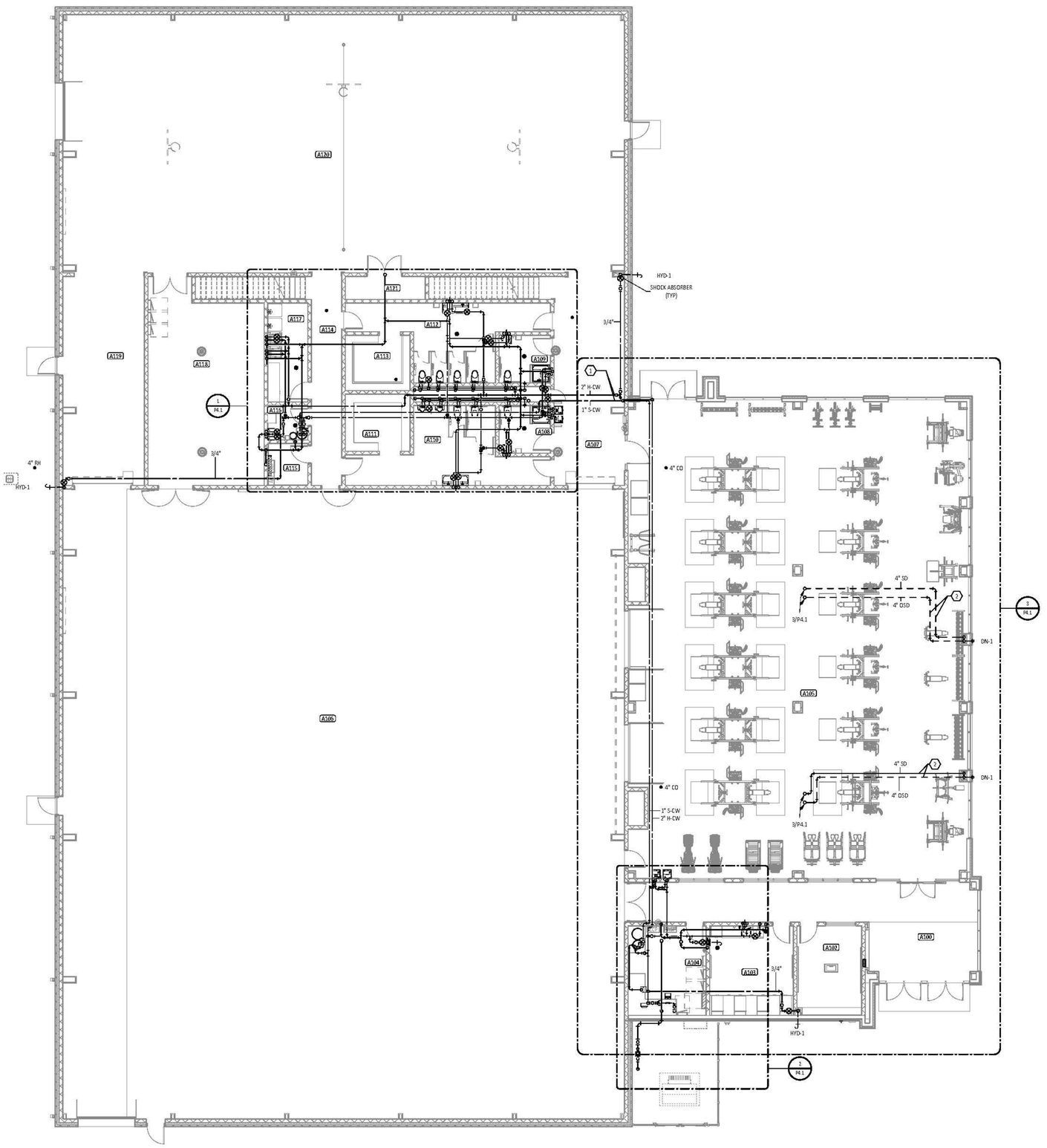
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	RAG	LGW

SHEET TITLE:
GENERAL NOTES, ABBREVIATIONS, LEGENDS, AND SHEET INDEX

SHEET NUMBER:
P1.1

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1 P3.1 **FIRST FLOOR PLUMBING PLAN - UNIT A**
1/8" = 1'-0"

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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECH/ELEC	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	RESTROOM	74 SF
A109	RESTROOM	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	307 SF
A113	WOMENS CHANGING ROOM	111 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL	42 SF
A117	LAUNDRY	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTIPURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF

PLUMBING GENERAL NOTES

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J PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	ROUTE COLD WATER-HARD AND COLD WATER-SOFT PIPING AS HIGH AS PRACTICAL IN A105 WEIGHT ROOM. CROSS CORRIDORS A107 AND A114 TIGHT TO STRUCTURE.
2	ROUTE ROOF DRAIN AND OVERFLOW HIGH BETWEEN STRUCTURE FROM COMBINATION DRAIN, UNDER ROOF, AND DOWN BOX-OUT ON EXTERIOR WALL. SLOPE PIPE AT 1/4" PER FOOT AND TERMINATE TO SITE STORM AND DOWNSPOUT NOZZLE. COORDINATE WITH GENERAL CONTRACTOR. SEE DETAIL FOR ADDITIONAL INFORMATION.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
GMPLANNING.COM

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

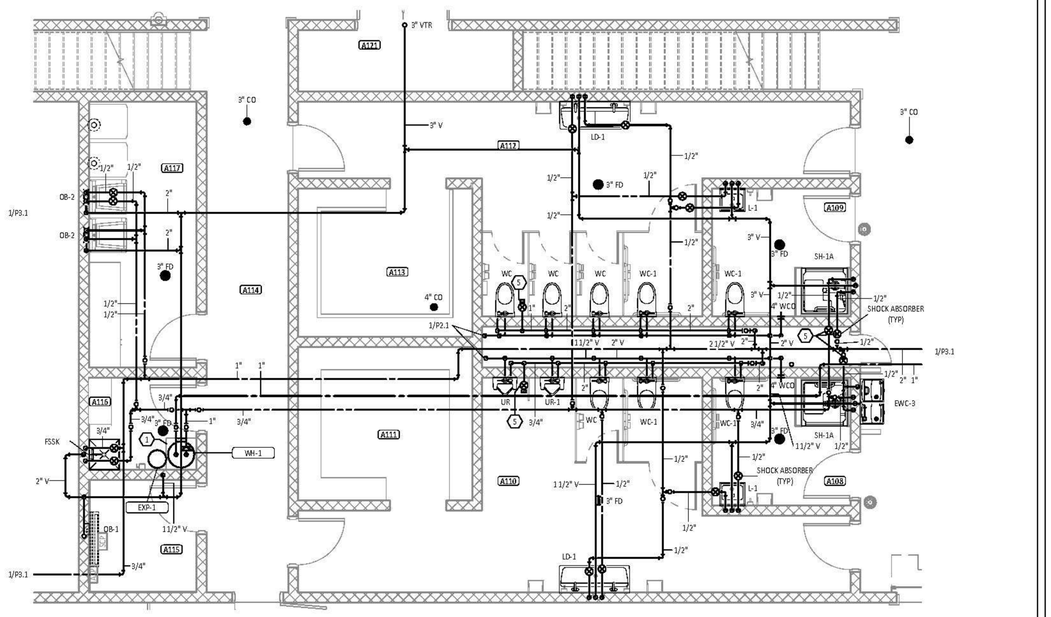
CONSTRUCTION DOCUMENTS	12/11/2025

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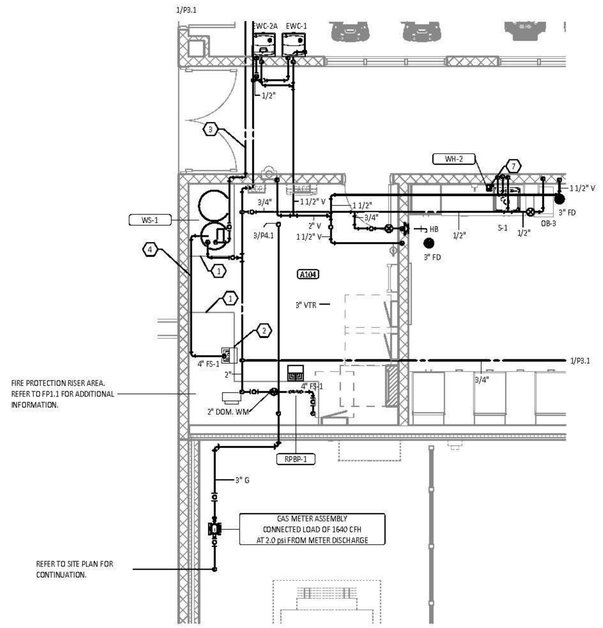
SHEET TITLE:
FIRST FLOOR PLUMBING PLAN

SHEET NUMBER:
P3.1

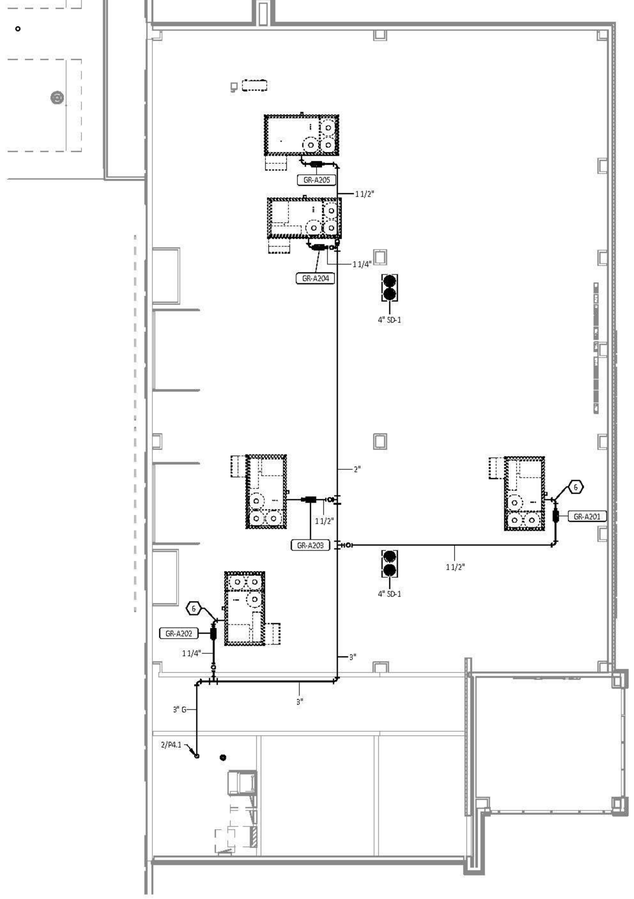
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1 P4.1 **ENLARGED PLUMBING PLAN -**
1/4" = 1'-0"



2 M4.1 **ENLARGED PLUMBING PLAN - MECHANICAL ROOM**
1/4" = 1'-0"



3 P4.1 **ROOF PLUMBING PLAN**
1/8" = 1'-0"

PLUMBING GENERAL NOTES

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KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	DIVISION 22 PLUMBING CONTRACTOR SHALL PROVIDE 3-1/2" CONCRETE HOUSEKEEPING PAD FOR PLACEMENT OF PLUMBING EQUIPMENT. COORDINATE WORK WITH GENERAL CONTRACTOR.
2	DIVISION 22 PLUMBING CONTRACTOR SHALL PROVIDE A 12"x12" BOX OUT IN CONCRETE HOUSEKEEPING PAD FOR FLOOR DRAIN.
3	ROUTE COLD WATER-HARD AND COLD WATER-SOFT PIPING AS HIGH AS PRACTICAL IN A105 WEIGHT ROOM. CROSS CORRIDORS A107 AND A114 TIGHT TO STRUCTURE.
4	ROUTE WATER SOFTENER DRAIN ALONG WALL AND DOWN TO FLOOR SINK BY FIRE SPRINKLER BACKFLOW PREVENTER.
5	EXTEND 3/4" COLD WATER LINE UP TO ABOVE CEILING AND INSTALL WATER HAMMER ARRESTOR ABOVE CEILING FOR MAINTENANCE ACCESS.
6	REFER TO NATURAL GAS CONNECTION DETAIL FOR ADDITIONAL INFORMATION.
7	INSTALL INSTANTANEOUS ELECTRIC WATER HEATER BELOW SINK.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2026

GARMANN MILLER
ARMSTRONG | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
GMARCH.COM

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
444 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
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25041.00	RAG	LGW

SHEET TITLE:
ENLARGED PLUMBING PLANS

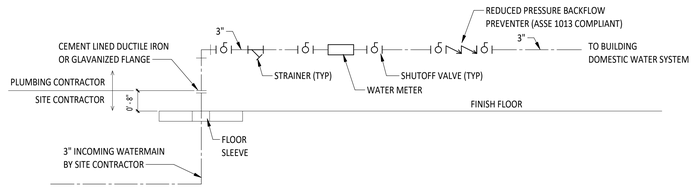
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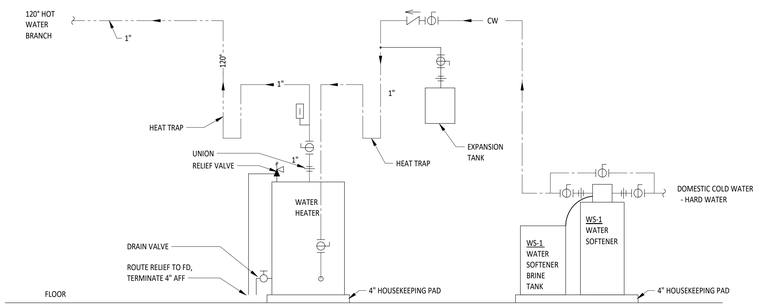
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DOMESTIC FIXTURE SCHEDULE

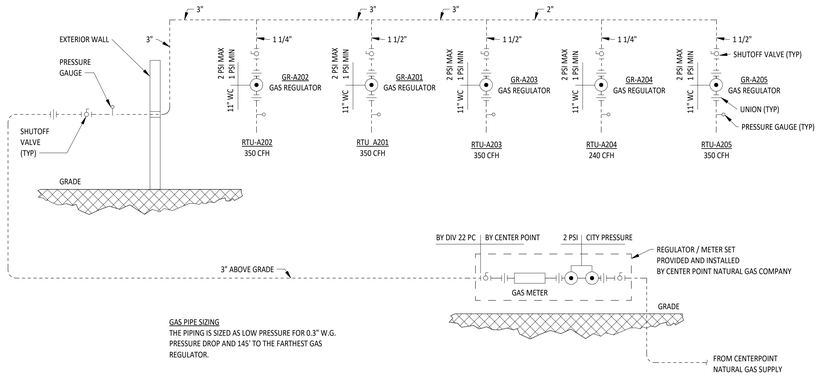
ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION	FINISH	MOUNTING HEIGHT	DEPTH	ADA	TRIM MANUFACTURER	TRIM MODEL	TRIM TYPE	TRIM MOTION SENSOR CONTROL	FLOW FIXTURE WATER FLOW	FLOW FIXTURE COLD WATER TEMP.	FLOW FIXTURE HOT WATER TEMP.	FLOW FIXTURE MAX. MIXED WATER TEMP.	FLUSH FIXTURE VOL. PER FLUSH	FLUSH FIXTURE MIN. VOL. PER FLUSH	WASTE ROUGH-IN PIPE SIZE	INDIRECT WASTE PIPE SIZE	VENT PIPE SIZE	COLD WATER ROUGH-IN PIPE SIZE	HOT WATER ROUGH-IN PIPE SIZE	SPECIFICATION	REMARKS
EWC-1	WATER COOLER	ELKAY	LVRCGRN8F	1	STAINLESS STEEL	STAINLESS STEEL CABINET	40" TO SPOUT		No				No	0.13 GPM	40 °F		40 °F			2"	---	1-1/2"	1/2"		SINGLE LEVEL WALL HUNG WATER COOLER. THE UNIT SHALL BE COMPLETE WITH CABINET, MOUNTING FRAME, SELF CLOSING EASY TOUCH SIDE AND FRONT PUSHBAR CONTROLS, VANDAL RESISTANT BUBBLER, FILTER, REFRIGERATING SYSTEM, AIR COOLED, 120 VOLT, 60 CYCLE, SINGLE PHASE POWER CONNECTION, FULLY AUTOMATIC, COMPLETE AND READY TO OPERATE.	
EWC-2A	WATER COOLER W/ BOTTLE FILLER - ADA	ELKAY	LVRCGRN8WSK	1	STAINLESS STEEL	STAINLESS STEEL CABINET	36" TO SPOUT		Yes				No	0.13 GPM	40 °F		40 °F			2"	---	1-1/2"	1/2"		SINGLE LEVEL WALL HUNG WATER COOLER WITH WATER COOLER. THE UNIT SHALL BE COMPLETE WITH CABINET, MOUNTING FRAME, FRONT PUSH-BUTTON CONTROL, VANDAL-RESISTANT BUBBLER, FILTER, REFRIGERATING SYSTEM, AIR COOLED, 120 VOLT, 60 CYCLE, SINGLE PHASE POW	
EWC-3	WATER COOLER - DUAL HEIGHT	ELKAY	EZSTL8WSSK	1	GALVANIZED STEEL	STAINLESS STEEL CABINET	33" & 38" TO SPOUT		Yes				No	0.13 GPM	40 °F		40 °F			2"	---	1-1/2"	1/2"		TWO LEVEL WALL HUNG WATER COOLER WITH BOTTLE FILLING STATION. THE UNIT SHALL BE COMPLETE WITH CABINET, MOUNTING FRAME, FRONT PUSH BUTTOM CONTROL, VANDAL-RESISTANT BUBBLER, REFRIGERATING SYSTEM, AIR COOLED, 120 VOLT, 60 CYCLE, SINGLE PHASE POWER CONNECTION, FULLY AUTOMATIC, COMPLETE AND READY TO OPERATE.	
FSSK	FLOOR SERVICE SINK	ZURN	Z-1996-24	1	MOLDED HIGH DENSITY COMPOSITE	WHITE	36" TO SPOUT	0' - 10"	No	ZURN	Z843M1-XL-CS	MANUAL	No	2.50 GPM	40 °F	120 °F	105 °F			---	3"	---	3/4"	3/4"	FLOOR SERVICE SINK: 24"x24"x10" BASIN, MOLDED HIGH DENSITY COMPOSITE BASIN, 3" DRAIN BODY WITH STAINLESS STEEL, 3" DRAIN TRAP, VINYL BUMPER GUARD, HOSE, HOSE BRACKET, MOP HANGER, AND STAINLESS STEEL WALL GUARDS. FAUCET: WALL MOUNTED, VANDAL RESISTANT COLOR CODED LEVER HANDELS, 6" SPOUT, WALL BRACE, PAIL HOOK, INTEGRAL SERVICE STOPS, CHECK STOPS AND ATMOSPHERIC VACUUM BREAKER SPOUT.	
HB	HOSE BIBB			1	BRONZE	POLISHED BRONZE	4'-0" AFF			ZURN	Z1341-XL	MANUAL	No	2.50 GPM	40 °F		40 °F						1/2"		INTERIOR HOSE BIBB WITH VACUUM BREAKER, 3/4" HOSE THREAD OUTLET, LOCK SHIELD CAP, AND REMOVABLE "TEE" HANDLE. PROVIDE SHUTOFF VALVE IN COLD WATER SUPPLY AHEAD OF HOSE BIBB.	
HYD-1	EXTERIOR WALL HYDRANT			3	BRONZE	POLISHED NICKEL BRONZE	1'-6" AFF			ZURN	Z1320-XL	MANUAL	No	2.50 GPM	40 °F		40 °F						3/4"		NON-FREEZE TYPE WALL HYDRANT, VALVE AND SHOCK ABSORBER ON THE INSIDE OF THE WALL ABOVE CEILING, SPOUT WITH BACKFLOW PREVENTER, AND LOOSE KEY SOCKET ON THE OUTSIDE OF THE WALL. MAKE ARRANGEMENTS WITH THE GENERAL CONTRACTOR TO PROVIDE THE NECESSARY RECESS IN THE WALL. PROVIDE SHUTOFF VALVE IN ACCESSIBLE LOCATION.	
L-1	LAVATORY - WALL HUNG - ADA	ZURN	Z5340	2	WHITE VITREOUS CHINA	WHITE	34" TO RIM	0' - 6 1/2"	Yes	ZURN	Z81101-XL	MANUAL	No	0.35 GPM	40 °F	120 °F	105 °F			---	2"	---	1/2"	1/2"	LAVATORY: WALL HUNG LAVATORY, CONCEALED ARM SUPPORTS, REAR OVERFLOW, FAUCET LEDGE, 4" CENTERS. FAUCET: DECK-MOUNTED FAUCET WITH 4" SPOUT, ADA DUAL LEVER HANDLES, VANDAL RESISTANT HANDLES AND SPRAY, QUARTER TURN CERAMIC DISC CARTRIDGE, EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE, GRID DRAIN, ANGLE STOPS AND SUPPLIES. COVER WATER AND WASTE WITH ADA INSULATION KIT. MOUNT AT ADA COMPLIANT HEIGHT.	
LD-1	2-STATION LAVATORY DECK - WALL HUNG - ADA	BRADLEY	ELX-2	2	TERREON CONSTRUCTION	SELECTED BY ARCHITECT	34" TO RIM	0' - 6 1/2"	Yes	AMERICAN STANDARD	Z81101-XL	MANUAL	No	0.35 GPM	40 °F	120 °F	105 °F			---	2"	---	1/2"	1/2"	WALL HUNG 2-STATION LAVATORY DECK, FAUCET HOLES ON 4" CENTERS. FAUCET: DECK-MOUNTED FAUCET WITH 4" SPOUT, ADA DUAL LEVER HANDLES, VANDAL RESISTANT HANDLES AND SPRAY, QUARTER TURN CERAMIC DISC CARTRIDGE, EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE, GRID DRAIN, LOOSE KEY ANGLE STOPS AND SUPPLIES. INSULATE WATER AND WASTE WITH ADA INSULATION KIT. MOUNT AT ADA COMPLIANT HEIGHT.	
OB-1	WALL DRAINAGE BOX	IPS CORPORATION	FRMIB12ABDS	1	COLD ROLLED STEEL	WHITE	4'-0" AFF						No	2.50 GPM			105 °F			2"	---	2"			WALL RECESSED WASHING MACHINE BOX TO BE USED AS CONDENSATE DRAIN BOX. RATED TO BE IN A FIRE WALL. 1/2" METAL CAP WATER KNOCK-OUTS SHALL REMAIN IN. SCREW ON 18 GAUGE STEEL FACE PLATE. THE PLUMBING CONTRACTOR SHALL PROVIDE A HOLE IN THE TOP OF THE METAL BOX AND 1-1/2" PVC PIPE IN THE BLOCK WALL FROM THE TOP OF THE DRAIN BOX UP TO THE LEVEL OF THE WALL MOUNTED COOLING UNIT. THE HVAC CONTRACTOR SHALL USE THIS PIPE AS A PATHWAY FOR THE CONDENSATE DRAIN TUBE. HVAC CONTRACTOR SHALL SECURE PIPE TO PROVIDE AIR GAP AND DRAIN TO THE RECEPTOR. COORDINATE WORK WITH THE HVAC CONTRACTOR.	
OB-2	WASHING MACHINE OUTLET BOX	IPS CORPORATION	FRM12DS	2	COLD ROLLED STEEL	WHITE	4'-0" AFF	0' - 6 1/2"	Yes				No	0.50 GPM	40 °F	120 °F	105 °F			2"	---	2"	1/2"	1/2"	FULLY RECESSED WASHING MACHINE SUPPLY BOX WITH COVER . RATED TO BE INSTALLED IN A FIRE WALL. PROVIDE 1/4 TURN BALL VALVES AND WATER HAMMER ARRESTORS IN BOX. PROVIDE A 2" TRAPPED STANDPIPE IN CONCEALED WALL SPACE.	
OB-3	ICE MAKER OUTLET BOX	IPS CORPORATION	FRM12DS	1	COLD ROLLED STEEL	WHITE	1'-6" AFF						No	0.10 GPM	40 °F		40 °F						1/2"		FULLY RECESSED ICE MAKER SUPPLY BOX WITH COVER. RATED TO BE INSTALLED IN FIRE WALL. PROVIDE 1/4 TURN BALL VALVE AND WATER HAMMER ARRESTOR IN BOX. PROVIDE AN ASSE 1012 BACKFLOW PREVENTER INSTALLED BEHIND ICE MAKER WITH AIR GAP TO NEAREST DRAIN.	
S-1	SINGLE BOWL SINK	JUST	A33338-T-J	1	STAINLESS STEEL	STAINLESS STEEL	34" TO RIM	0' - 5 1/2"	Yes	ZURN	Z812B1-XL-22F	MANUAL	No	1.00 GPM	40 °F	120 °F	105 °F			---	2"	---	1/2"	1/2"	SINK: SINGLE BOWL, WALL MOUNT, CENTER REAR DRAIN CONNECTION, 4" REAR FAUCET CENTERS. FAUCET: DECK-MOUNTED FAUCET WITH 5 3/8" SPOUT, ADA DUAL LEVER HANDLES, VANDAL RESISTANT HANDLES AND SPRAY, QUARTER TURN CERAMIC DISC CARTRIDGE, EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE, GRID DRAIN, ANGLE STOPS AND SUPPLIES. COVER WATER AND WASTE WITH ADA INSULATION KIT. MOUNT AT ADA COMPLIANT HEIGHT.	
SH-1A	SHOWER - ADA			2				0' - 6 1/2"	Yes	BRADLEY	HN250	MANUAL	No	1.50 GPM	40 °F	120 °F	105 °F			---	2"	---	1/2"	1/2"	SURFACE MOUNTED INDIVIDUAL COVERALL SHOWER WITH STAINLESS STEEL WALL PANEL. ASSE 1013 COMPLIANT THERMOSTIC MIXING VALVE WITH SINGLE LEVER HANDLE CONTROL, LIMIT STOPS. 1.5 GPM FLOW CONTROL, DIVERTER VALVE, 60" STAINLESS STEEL FLEXIBLE HOSE WITH ADA SHOWERHEAD, RECESSED SOAP DISH. PROVIDE ACCESSORY ITEMS INCLUDING ADA GRAB BARS, ADA FOLD DOWN SEAT, SHOWER CURTAIN, AND HANGER ROD. REFER TO DRAWING FOR VALVE HAND POSITION.	
UR	URINAL	ZURN	Z5755-U	1	WHITE VITREOUS CHINA	WHITE	21" TO BOTTOM		Yes	ZURN	Z6003AV-ULF	MANUAL	No		40 °F		40 °F	0.125 gal	0.125 gal	2"	---	1-1/2"	3/4"		URINAL: WALL MOUNTED, CARRIER, ULTRA LOW FLOW CONSUMPTION, WASHOUT FLUSH ACTION, ELONGATED RIM, TOP SPUD CONNECTION. FLUSH VALVE: EXPOSED, QUIET CLOG RESISTANT DIAPHRAGM-TYPE, ULTRA LOW CONSUMPTION, MANUAL FLUSH.	
UR-1	URINAL - ADA	ZURN	Z5755-U	1	WHITE VITREOUS CHINA	WHITE	17" TO RIM		Yes	ZURN	Z6003AV-ULF	MANUAL	No		40 °F		40 °F	0.125 gal	0.125 gal	2"	---	1-1/2"	3/4"		URINAL: WALL MOUNTED, CARRIER, ULTRA LOW FLOW CONSUMPTION, WASHOUT FLUSH ACTION, ELONGATED RIM, TOP SPUD CONNECTION. FLUSH VALVE: EXPOSED, QUIET CLOG RESISTANT DIAPHRAGM-TYPE, ULTRA LOW CONSUMPTION, MANUAL FLUSH.	
WC	WATER CLOSET - WALL HUNG	ZURN	Z5615-BWL	4	WHITE VITREOUS CHINA	WHITE	15" TO RIM		Yes	ZURN	Z6000AV-HET	MANUAL	No		40 °F		40 °F	1.28 gal	1.28 gal	4"	---	2"	1"		WATER CLOSET: ELONGATED WALL HUNG WATER CLOSET, 1-1/2" TOP SPUD, CARRIER, ULTRA LOW CONSUMPTION, ELONGATED SIPHON ACTION JETTED BOWL. FLUSH VALVE: EXPOSED, QUIET CLOG RESISTANT DIAPHRAGM-TYPE, ULTRA LOW CONSUMPTION, MANUAL FLUSH.	
WC-1	WATER CLOSET - WALL HUNG - ADA - 17"	ZURN	Z5615-BWL	4	WHITE VITREOUS CHINA	WHITE	17" TO RIM		Yes	ZURN	Z6000AV-HET	MANUAL	No		40 °F		40 °F	1.28 gal	1.28 gal	4"	---	2"	1"		WATER CLOSET: ELONGATED WALL HUNG WATER CLOSET, 1-1/2" TOP SPUD, CARRIER, ULTRA LOW CONSUMPTION, ELONGATED SIPHON ACTION JETTED BOWL. FLUSH VALVE: EXPOSED, QUIET CLOG RESISTANT DIAPHRAGM-TYPE, ULTRA LOW CONSUMPTION, MANUAL FLUSH.	



1 P5.1 INCOMING WATER MAIN DETAIL
NTS



2 P5.1 WATER HEATER PIPING DETAIL
1/8" = 1'-0"



GAS PIPE SIZING
THE PIPING IS SIZED AS LOW PRESSURE FOR 0.3" W.G. PRESSURE DROP AND 145' TO THE FARTHEST GAS REGULATOR.

3 P5.1 NATURAL GAS PIPING DETAIL
NTS

REDUCED PRESSURE BACKFLOW PREVENTER SCHEDULE

ID	NOMINAL DIAMETER	DESCRIPTION	MANUFACTURER	MODEL	COUNT	MATERIAL	VALVE PROPERTIES RATED FLOW	PRESSURE DROP AT RATED FLOW	MAXIMUM ALLOWABLE WORKING PRESSURE	MAXIMUM ALLOWABLE WORKING TEMPERATURE	HYDROSTATIC TEST PRESSURE	REMARKS
RPBP-1	1 1/2"	DOUBLE CHECK VALVE ASSEMBLY	ZURN WILKINS	975XL	1	BRONZE	100.0 GPM	15.0 lb/in²	175.0 lb/in²	140 °F	350.0 lb/in²	ASSE 1013 CERTIFIED 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER WITH FULL PORT QUARTER TURN SHUTOFF VALVES. PROVIDE AN AIR GAP WITH REIEF PIPED TO NEAREST FLOOR DRAIN.

ELECTRIC WATER HEATER SCHEDULE

ID	LOCATION NAME	LOCATION NO.	MANUFACTURER	MODEL NO.	TYPE	ELECTRIC HEAT EXCHANGER HEATING CAP	WATERSIDE FLOW DESIGN	WATERSIDE FLOW MIN	WATERSIDE STORAGE RECOVERY	WATERSIDE STORAGE VOL	WATERSIDE MAX TEMP RISE	ELECTRIC HEAT EXCHANGER HEATING ELEMENT QTY	ELECTRIC HEAT EXCHANGER HEATING ELEMENT POWER	UNIT WEIGHT	FLA	MCA	MOCP	VOLT	PH	REMARKS
WH-1	CUSTODIAL	A116	AO SMITH	DEN-52	STORAGE	5.0 kW	0.0 GPM	0.0 GPM	13.0 gal/h	50.0 gal	80 °F	2	2.5 kW	145 lb	24 A	30 A	35 A	208 V	1	
WH-2	TRAINER	A103	EEMAX	AM005240T	INSTANTANEOUS	3.6 kW	0.4 GPM	0.3 GPM	24.0 gal/h	0.0 gal	70 °F	1	3.6 kW	6 lb	17 A	17 A	20 A	208 V	1	

WATER SOFTENER SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	Water Flow	PEAK FLOW (GPM)	WATER FLUSH VOLUME	CAPACITY (LBS)	GRAINS PER GALLON	RESIN TANKS	VOLTAGE	FLA	PHASE	UNIT DIMENSIONS HEIGHT	UNIT DIMENSIONS DIAMETER	UNIT WEIGHT	REMARKS
WS-1	CULLIGAN	HE1.5 060-DF	SINGLE	25.0 GPM	31.5	165.0 gal	350 lb	5	1	24 V	1	1	3' - 11"	1' - 2"	257 lb	

FLOOR DRAIN SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION DRAIN BODY	MATERIAL DESCRIPTION STRAINER	WASTE PIPE SIZE	VENT PIPE SIZE	PRIMER PIPE SIZE	SPECIFICATION	REMARKS
FD	FLOOR DRAIN	ZURN	ZN415-BZ1	10	EPOXY COATED CAST IRON	NICKEL BRONZE	3"	2"	---	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.	
FS-1	FLOOR SINK	ZURN	Z566-AR-GT	2	EPOXY COATED CAST IRON	CAST IRON	4"	2"	---	12" SQUARE X 8" DEEP SANITARY FLOOR SINK WITH EPOXY COATED INTERIOR, LOOSE SET EPOXY COATED CAST IRON GRATE, CAST IRON DOME BOTTOM STRAINER, AND NO HUB OUTLET.	

CLEAN OUT SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL	FINISH DESCRIPTION	PIPE ACCESSORY DIAMETER	SPECIFICATION	REMARKS
CO	FLOOR CLEANOUT	ZURN	ZN1400-BZ1	2	DURA-COATED CAST IRON	POLISHED NICKEL BRONZE	3"	ROUND FLOOR CLEAN OUT WITH ADJUSTABLE COVER, THREADED CONNECTION, GAS AND WATER TIGHT SEAL. COVER TO BE FLUSH WITH FINISHED FLOOR.	
CO	FLOOR CLEANOUT	ZURN	ZN1400-BZ1	3	DURA-COATED CAST IRON	POLISHED NICKEL BRONZE	4"	ROUND FLOOR CLEAN OUT WITH ADJUSTABLE COVER, THREADED CONNECTION, GAS AND WATER TIGHT SEAL. COVER TO BE FLUSH WITH FINISHED FLOOR.	
RH	RODDING HOLE	ZURN	Z1474	2	DURA-COATED CAST IRON	CAST IRON	4"	ROUND FRAME WITH SOLID TOP COVER. SET COVER FLUSH WITH GRADE. REFER TO DETAIL FOR ADDITIONAL INFORMATION.	
WCO	WALL CLEANOUT	ZURN	Z1446	2	DURA-COATED CAST IRON	STAINLESS STEEL	4"	9" ROUND WALL CLEAN OUT WITH SMOOTH STAINLESS STEEL WALL COVER, THREADED CONNECTION, GAS AND WATER TIGHT SEAL	

GAS REGULATOR SCHEDULE

ID	MANUFACTURER	MODEL	CAPACITY	CONNECTION SIZE	OUTLET PRESSURE	MAXIMUM INLET PRESSURE	REMARKS
GR-A201	SENSUS	243-12-2	350000 Btu/h	1 1/2"	11 in-wg	2.0 psi	NATURAL GAS REGULATOR, GREEN SPRING, 1/4" ORIFIC.
GR-A202	SENSUS	243-12-2	350000 Btu/h	1 1/2"	11 in-wg	2.0 psi	NATURAL GAS REGULATOR, GREEN SPRING, 1/4" ORIFIC.
GR-A203	SENSUS	243-12-2	350000 Btu/h	1 1/2"	11 in-wg	2.0 psi	NATURAL GAS REGULATOR, GREEN SPRING, 1/4" ORIFIC.
GR-A204	SENSUS	243-12-2	240000 Btu/h	1 1/2"	11 in-wg	2.0 psi	NATURAL GAS REGULATOR, GREEN SPRING, 1/4" ORIFIC.
GR-A205	SENSUS	243-12-2	350000 Btu/h	1 1/2"	11 in-wg	2.0 psi	NATURAL GAS REGULATOR, GREEN SPRING, 1/4" ORIFIC.

EXPANSION TANK SCHEDULE

ID	MANUFACTURER	MODEL NO.	VOLUME TANK	VOLUME ACCEPTANCE	PRESS RELIEF	UNIT DIMENSIONS HEIGHT	UNIT DIMENSIONS DIAMETER	UNIT WEIGHT	REMARKS
EXP-1	B&G	PT-5	3.5 gal	2.5 gal	125.0 psi	1' - 2"	10' - 0"	22 lb	DOMESTIC HOT WATER EXPANSION TANK, FIXED BLADDER TYPE, 3/4" NPT STAINLESS STEEL CONNECTION.

STORM DRAIN SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION DRAIN BODY	MATERIAL DESCRIPTION STRAINER	WASTE PIPE SIZE	SPECIFICATION	REMARKS
SD-1	COMBINATION DRAINS	ZURN	ZA163-W3	2	LACQUERED CAST IRON	ALUMINUM	4"	COMBINED LARGE SUMP ROOF DRAIN AND SECONDARY OVERFLOW SYSTEM; CONSISTING OF 24" X 42" GALVANIZED SUMP RECEIVER, TWO ROOF DRAIN BODIES WITH 15" DIAMETER ANCHOR FLANGE, CAST IRON WATERPROOFING MEMBRANE CLAMP RINGS WITH INTEGRAL GRAVEL STOP, ONE 3" ABS OVERFLOW STANDPIPE AND TWO SELF-LOCKING DOME STRAINERS WITH A COMBINED FREE AREA OF 250 SQUARE INCHES.	
DN-1	STORM DRAIN - NOZZLE	ZURN	Z199-SS	2	POLISHED NICKLE BRONZE	STAINLESS STEEL	4"	DOWNSPOUT NOZZLE FOR SECONDARY ROOF DRAIN, NO-HUB CONNECTION, REMOVABLE STAINLESS STEEL SCREEN.	

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

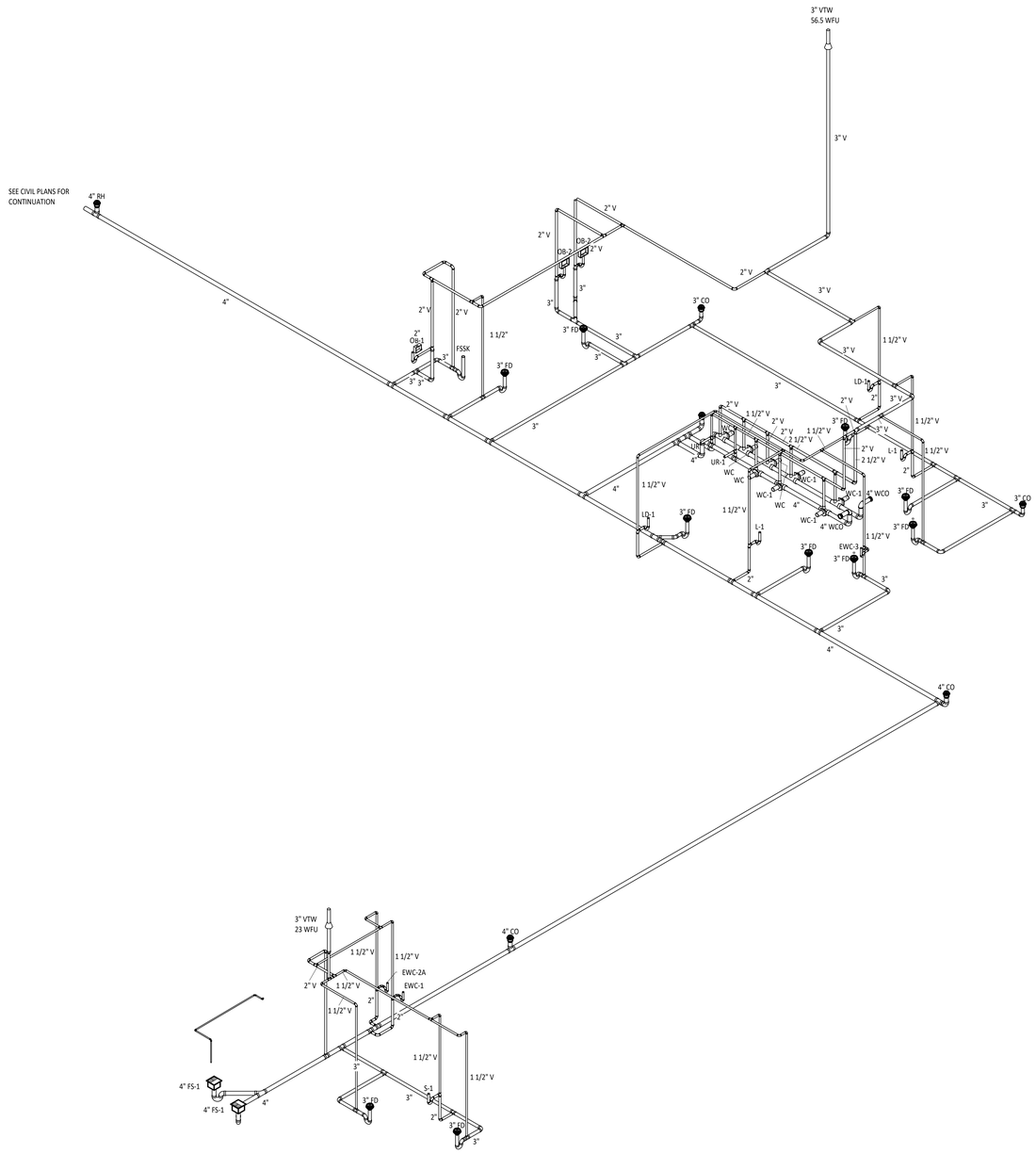
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PLUMBING SCHEDULES

SHEET NUMBER:
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1 P6.1 **SANITARY ISOMETRIC**
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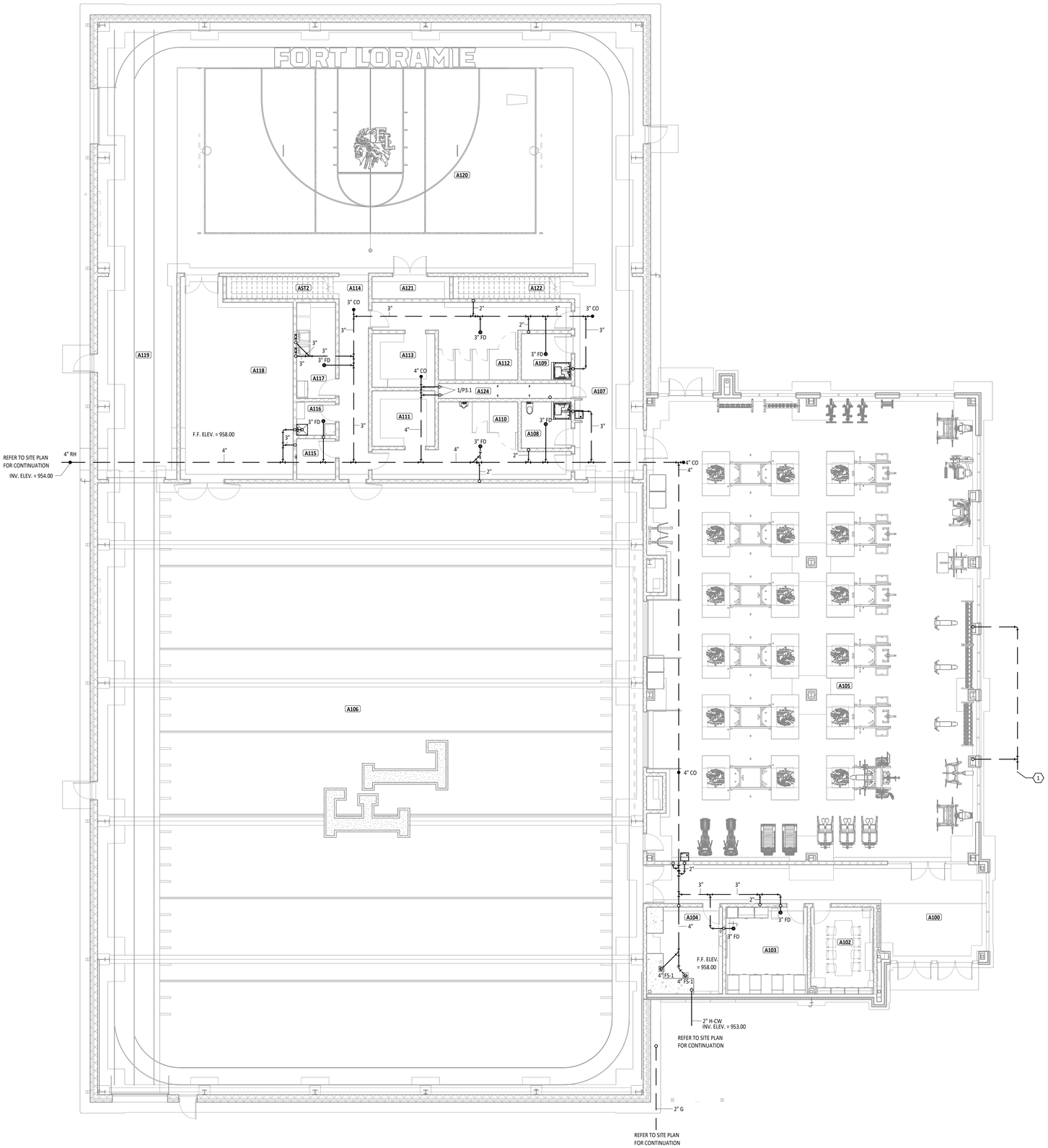
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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECH/ELEC	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE athletic ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	RESTROOM	74 SF
A109	RESTROOM	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	307 SF
A113	WOMENS CHANGING ROOM	111 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL	42 SF
A117	LAUNDRY	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTIPURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF

PLUMBING GENERAL NOTES

A. VERIFY INVERT ELEVATIONS ON UNDERGROUND SANITARY, STORM, AND OTHER UTILITIES. COORDINATE DEPTHS WITH THE BUILDING CONSTRUCTION AND ALL OTHER UTILITIES INSIDE AND OUTSIDE OF THE BUILDING.

B. ALL STORM, SANITARY, AND VENT PIPING IN CHASE EXPOSED TO THE PLENUM AND ABOVE CEILING WHERE PLENUM IS USED FOR RETURN AIR SHALL BE CAST IRON. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

C. ALL FINAL GAS CONNECTIONS SHALL BE MADE WITH FLEXIBLE STAINLESS STEEL PIPE OR RIDGED PIPE WITH UNION, SHUT-OFF VALVE, AND DIRT LEG. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.

D. PITCH UNDERFLOOR SANITARY WASTE AND STORM PIPING 3" AND GREATER AT 1/8" PER FOOT, UNLESS NOTED OTHERWISE. PITCH ALL OTHER WASTE PIPING AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.

E. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.

F. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFERERENCE CIVIL PLANS.

G. PROVIDE CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL PLUMBING SANITARY AND STORM RISERS.

H. WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK.

I. FIRE SEAL AROUND PIPING PENETRATIONS OF FIRE RATED WALLS. REFERERNCE SPECIFICATION.

J. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.

#	KEYNOTE DESCRIPTION
1	COORDINATE STORM CONNECTION WITH CIVIL CONTRACTOR.

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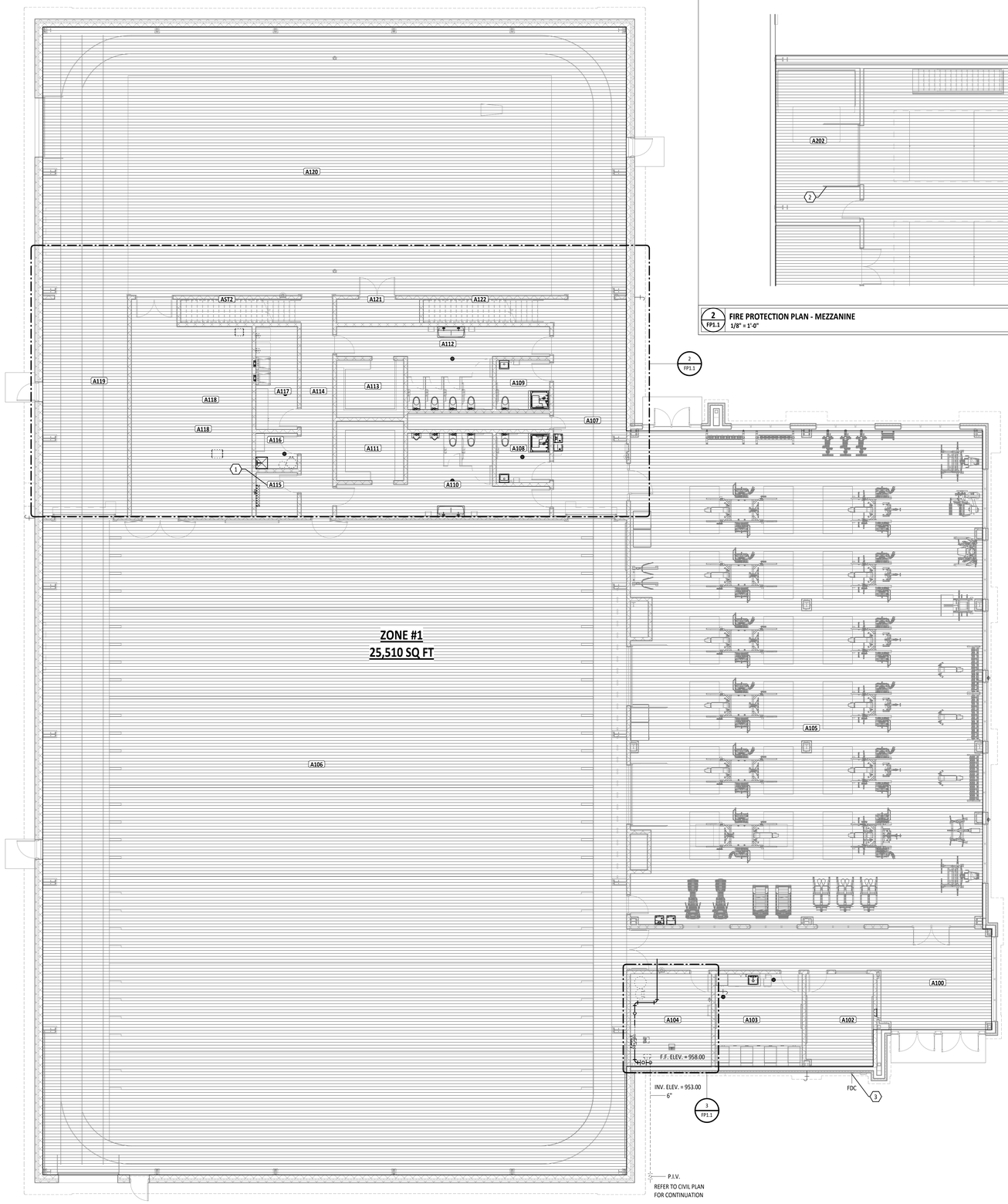
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UNDER-SLAB PLUMBING PLAN - UNIT A

SHEET NUMBER:
P2.1

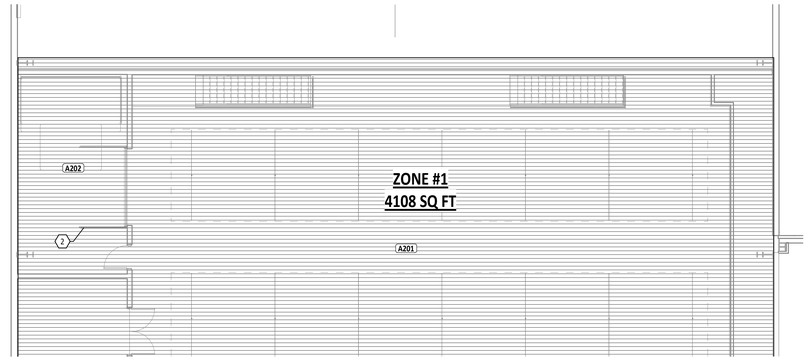
1 / P2.1 **UNDER-SLAB PLUMBING PLAN - UNIT A**
1/8" = 1'-0"

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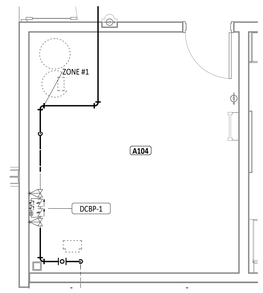
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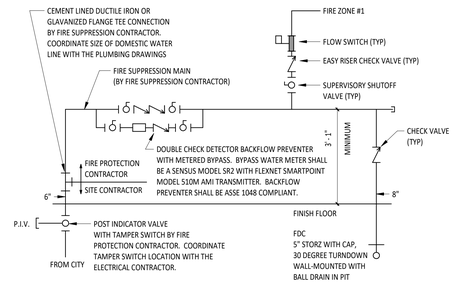
1 FP1.1 FIRE PROTECTION PLAN
1/8" = 1'-0"



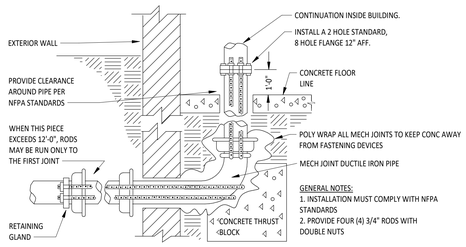
2 FP1.1 FIRE PROTECTION PLAN - MEZZANINE
1/8" = 1'-0"



3 FP1.1 FIRE PROTECTION PLAN - MECHANICAL ROOM ENLARGEMENT
1/4" = 1'-0"



4 FP1.1 INCOMING WATER MAIN FIRE SUPPRESSION RISER DIAGRAM
NTS



NOTE: ACCEPTABLE ALTERNATIVE TO MECHANICAL JOINTS AND FITTINGS FOR LEAD-IN PIPING IS STAINLESS STEEL, SINGLE PIECE 90 DEGREE FITTING AS DESCRIBED IN SPECIFICATION.

5 FP1.1 WATER SERVICE LINE EXTENSION DETAIL
NTS

FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECH/ELEC	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	RESTROOM	74 SF
A109	RESTROOM	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	307 SF
A113	WOMENS CHANGING ROOM	111 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL	42 SF
A117	LAUNDRY	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTIPURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF
A201	MEZZANINE	3,103 SF
A202	GOLF SIMULATOR	372 SF
A203	STORAGE	202 SF
AST1	STAIR	82 SF
AST2	STAIR	89 SF

FIRE PROTECTION GENERAL NOTES

A. PROVIDE A COMPLETE WET TYPE FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE FLOOR PLAN AND CEILING TYPES INCLUDING MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. PROVIDE ORDINARY HAZARD IN SPACE WHERE REQUIRED. THE SYSTEM SHALL BE INSTALLED ACCORDING TO DIVISION 21 SPECIFICATIONS AND RECOMMENDATIONS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.

B. SPRINKLER PIPING SERVING GYMNASIUMS SHALL BE ROUTED AS HIGH AS POSSIBLE. SPRINKLER PIPING SHALL BE ROUTED ABOVE THE BOTTOM CHORD OF THE ROOF TRUSSES. COORDINATE ROUTING OF SPRINKLER PIPING WITH BUILDING CONSTRUCTION, DUCTWORK, LIGHTING, AND ALL OTHER UTILITIES.

C. PROVIDE BOLT OR SCREW FASTENED WIRE GUARDS FOR ALL SPRINKLER PIPES IN THE GYMNASIUMS AND MECHANICAL ROOMS.

D. COORDINATE THE LOCATION OF SPRINKLER HEADS AND PIPING WITH BUILDING CONSTRUCTION, DUCTWORK, AND MECHANICAL PIPING IN MEZZANINES. ROUTE SPRINKLER PIPING ABOVE THE BOTTOM CHORD OF THE ROOF TRUSSES IN THE MEZZANINE. DO NOT SUPPORT SPRINKLER PIPING FROM DUCTWORK OR EQUIPMENT.

E. FIRE PROTECTION SPRINKLER MAINS AND ZONES SHALL BE ROUTED AS DENOTED ON DRAWINGS. ANY ALTERNATE ROUTING MUST BE APPROVED BY THE ARCHITECT/ENGINEER. THIS CONTRACTOR SHALL DETERMINE THE ACTUAL PIPE SIZING AND ROUTING REQUIRED AND COORDINATE WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS.

F. THE SPRINKLER SYSTEM SHALL BE DESIGNED BASED UPON ACTUAL WATER FLOW TEST DATA OBTAINED AT OR NEAR THE JOB SITE.

G. DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES INVOLVED WITH FIRE SPRINKLER SYSTEM.

H. ALL SPRINKLER SYSTEM PIPING SHALL BE CONCEALED ABOVE THE SUSPENDED CEILING SYSTEM, UNLESS NOTED OTHERWISE. WRITTEN AUTHORIZATION SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO EXPOSING ANY PIPING IN ANY ROOM WHICH HAS A SUSPENDED CEILING.

I. AN INSPECTOR'S TEST CONNECTION SHALL BE PROVIDED FOR EACH FIRE SPRINKLER ZONE. THIS CONTRACTOR SHALL PROVIDE FIXED PIPING FROM THE TEST CONNECTION TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE TEST. EXTERIOR DISCHARGE OF THE TEST CONNECTION SHALL BE PERMITTED ONLY BY SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER.

J. SHOW ALL ROOM NUMBERS ON SHOP DRAWING PLANS.

K. ROUTE SPRINKLER PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS, SWITCHGEAR, OR SIMILAR EQUIPMENT. SPRINKLER MAINS SHALL NOT RUN THROUGH ELECTRICAL OR COMMUNICATION ROOMS. SPRINKLER HEADS IN THESE ROOMS SHALL BE SERVED BY A DEDICATED BRANCH LINE FOR EACH ROOM. SIDE WALL SPRINKLER HEADS SHALL BE USED WHEN THERE IS NOT A CEILING IN THE SPACE.

L. COLORED CEILINGS AND BULKHEADS SHALL BE COORDINATED WITH THE COLOR OF CONCEALED SPRINKLER HEAD COVERS. INSTALL SPRINKLER SYSTEM PER NFPA 13, STATE AND LOCAL FIRE MARSHALL AND DIVISION 21 OF THE SPECIFICATIONS.

M. THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH ALL OTHER CONTRACTORS PRIOR TO STARTING WORK.

N. THIS CONTRACTOR SHALL PREPARE HYDRAULIC CALCULATIONS BASED UPON THE CONFIGURATION OF THE ACTUAL SYSTEM DESIGN AS SHOWN ON THIS CONTRACTOR'S SHOP DRAWINGS.

O. THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

P. PROVIDE AUXILIARY DRAIN VALVES AS REQUIRED BY NFPA. AUXILIARY DRAINS SHALL BE EXPOSED WITH 1" DRAIN VALVES. WHEN 5 OR MORE GALLONS ARE TRAPPED, THIS CONTRACTOR SHALL PROVIDE FIXED PIPING TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE DRAIN. WHEN LESS THAN 5 GALLONS ARE TRAPPED, A HOSE BIB SHALL BE PROVIDED AT THE DRAIN VALVE.

Q. AUXILIARY DRAINS SHALL NOT BE LOCATED ABOVE PLASTER OR GYPSUM BOARD CEILING SYSTEMS. ONLY BY A SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER WILL A VARIANCE BE PROVIDED.

R. THE CONTRACTOR SHALL PARTICIPATE IN THE 3D COORDINATION PROGRESS MEETINGS LED BY DIVISION 23 MECHANICAL CONTRACTOR. THE DIVISION 21 FIRE SUPPRESSION CONTRACTOR SHALL PROVIDE 3D MODEL OF SPRINKLER SYSTEM DESIGN TO INCLUDE IN 3D COORDINATION MODEL.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	NO FIRE PROTECTION MAIN PIPING TO BE LOCATED ABOVE THIS ROOM. ONLY USE SIDEWALL TYPE SPRINKLER HEADS IN THIS SPACE.
2	INSTALL SIDEWALL SPRINKLER HEADS UNDER OVERHEAD DOOR.
3	COORDINATE LOCATION OF FIRE DEPARTMENT CONNECTION WITH GENERAL CONTRACTOR TO AVOID JOINTS IN THE EXTERIOR PANELS.

AUTOMATIC SPRINKLER SYSTEM DESIGN...

SYMBOL	OCCUPANCY HAZARD CLASSIFICATION	DESIGN DENSITY (GPM/SF)	DESIGN AREA
R	RESIDENTIAL (DWELLING) OCCUPANCY	0.05	400 SF
LH	LIGHT HAZARD OCCUPANCY	0.10	1500 SF
OH1	ORDINARY HAZARD, GROUP 1 OCCUPANCY	0.15	1500 SF
OH2	ORDINARY HAZARD, GROUP 2 OCCUPANCY	0.20	1500 SF

AUTOMATIC SPRINKLER SYSTEM DESIGN...

SYMBOL	OCCUPANCY HAZARD CLASSIFICATION	DESIGN DENSITY (GPM/SF)	DESIGN AREA
EH1	EXTRA HAZARD, GROUP 1 OCCUPANCY	0.30	2500 SF
EH2	EXTRA HAZARD, GROUP 2 OCCUPANCY	0.40	2500 SF
S	SPECIAL HAZARD OCCUPANCY		

DOUBLE CHECK BACKFLOW PREVENTER SCHEDULE

ID	NOMINAL DIAMETER	DESCRIPTION	MANUFACTURER	MODEL	COUNT	MATERIAL	VALVE PROPERTIES					REMARKS
							RATED FLOW	PRESSURE DROP AT RATED FLOW	MAXIMUM ALLOWABLE WORKING PRESSURE	MAXIMUM ALLOWABLE WORKING TEMPERATURE	HYDROSTATIC TEST PRESSURE	
DCBP-1	6"	DOUBLE CHECK DETECTOR ASSEMBLY	ZURN WILKINS	350 DA	1	STAINLESS STEEL	500.0 GPM	11.3 ftH2O	403.7 ftH2O	140 °F	807.4 ftH2O	STAINLESS STEEL BODY, OSY SHUTOFF VALVES, FLANGED CONNECTIONS. VERIFY REQUIREMENTS WITH LOCAL CODE AND AHJ.

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	RAG	LGW

SHEET TITLE:
FIRE PROTECTION PLAN

SHEET NUMBER:
FP1.1

PRINTED ON: 12/11/2025 3:49:20 PM

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- NOTE:

	ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW.

- CHARACTERS

&	AND
Ø	DIAMETER/ROUND

A	
A	AIR
AB	ABOVE BASE
ABV	ABOVE
AC	AIR CONDITIONING
ACOUS	ACOUSTICAL
AD	AREA DRAIN
ADD	ADDENDUM
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AG	ABOVE GROUND
ALT	ALTERNATE
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
AUTO	AUTOMATIC
AV	ACID RESISTANT VENT
AW	ACID RESITANT WASTE

B	
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BLW	BELOW
BO	BY OTHER
BOT	BOTTOM
BSMT	BASEMENT
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS PER HOUR
BTWN	BETWEEN

C	
CAP	CAPACITY
CB	CATCH BASIN
CCW	COUNTER CLOCKWISE
CFCV	CONSTANT FLOW CONTROL VALVE
CFM	CUBIC FEET PER MINUTE
CHW	CIRCULATING HOT WATER
CI	CAST IRON
CLG	CEILING/COOLING
CO	CLEAN OUT
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
COND	CONDENSATE
CONF	CONFERENCE
CONN	CONNECT
CONST	CONSTRUCTION
CONT	CONTINUE/CONTINUATION
CONTR	CONTRACT/CONTRACTOR
COORD	COORDINATE
CTR	CENTER
CUFT	CUBIC FEET
CV	CHECK VALVE
CW	COLD WATER
CW	CLOCKWISE

D	
D	DEGREE
DB	DRY BULB
DET	DETAIL
DI	DEIONIZED WATER
DIA	DIAMETER
DISCH	DISCHARGE
DIV	DIVISION
DMPR	DAMPER
DN	DOWN
DW	DISTILLED WATER
DWG	DRAWING

E	
E/A	EXHAUST AIR
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EL	ELBOW
ELEC	ELECTRICAL
ELEV	ELEVATION
EP	EXPLOSION PROOF
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
EXIST	EXISTING
EXP	EXPANSION JOINT
EXT	EXTERIOR

F	
F	DEGREES FAHRENHEIT
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN/FIRE DAMPER
FDV	FIRE DEPARTMENT VALVE
FHC	FIRE HOSE CABINET
FL	FLOOR
FLEX	FLEXIBLE
FLG	FLANGE
FO	FUEL OIL
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VALVE
FPM	FEET PER MINUTE
FRP	FIBERGLASS REINFORCED PIPE
FS	FULL SIZE/FLOOR SINK
FT	FOOT/FEET
FTG	FOOTING
FTR	FIN TUBE RADIATION
FUT	FUTURE

G	
GA	GAGE/GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GENL	GENERAL
GPM	GALLONS PER MINUTE
GR	GRADE
GW	GREASE WASTE

H	
HB	HOSE BIB
HD	HEAD
HORZ	HORIZONTAL
HP	HORSE POWER/HIGH PRESSURE
HTG	HEATING
HTR	HEATER
HW	HOT WATER
HYD	HYDRANT

I	
ID	INDIRECT
IN	INCH
INL	INLET
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
INWG	INCHES WATER GAUGE

J	
JST SPC	JOIST SPACE
JT	JOINT

L	
LAB	LABORATORY
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LB/HR	POUNDS PER HOUR
LF	LINEAL FOOT
LP	LOW PRESSURE
LPG	LIQUEFIED PERTOLEUM GAS
LR	LIQUID REFRIGERANT
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE

M	
M/A	MIXED AIR
MAN	MANUAL
MATL	MATERIAL
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MBD	MOTORIZED BYPASS DAMPER
MBH	ONE THOUSAND BTU PER HOUR
MCF	ONE THOUSAND CUBIC FEET
MCW	MAKE-UP COLD WATER
MD	MOTORIZED DAMPER
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MOTORIZED BYPASS DAMPER
MISC	MISCELLANEOUS
MTR	MOTOR
MU/A	MAKE-UP/AIR

N	
N	NECK
NC	NOISE CRITERIA/NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NUMBER/NORMALLY OPEN
NOM	NOMINAL
NTS	NOT TO SCALE

O	
O	OXYGEN
O/A	OUTSIDE AIR
OC	ON CENTER
OF	OVERFLOW
OPNG	OPENING
ORD	OVERFLOW ROOF DDRAIN

P	
PD	PRESSURE DROP
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PR	PAIR
PREL	PRELIMINARY
PRESS	PRESSURE
PRIM	PRIMARY
PRV	PRESSURE REDUCING VAL
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PW	POTABLE WATER
PWR	POWER

R	
R	DUCT RISER
R/A	RETURN AIR
RCP	RADIANT CEILING PANEL
RD	ROOF DRAIN
REC	RECESSED
RED	REDUCER
REFR	REFRIGERATION
REQD	REQUIRED
REV	REVERSE
RH	RELATIVE HUMIDITY
RL/A	RELIEF AIR
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RW	RAIN WATER

S	
S/A	SUPPLY AIR
SAN	SANITARY
SCHED	SCHEDULE
SD	SMOKE DAMPER
SECT	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SLV	SLEEVE
SM	SURFACE MOUNT
SP	STANDPIPE/STATIC PRESSURE
SPEC	SPECIFICATION
SPS	STATIC PRESSURE STATION
SQ	SQUARE
SR	SUCTION REFRIGERANT
SS	STAINLESS STEEL
SSD	SOIL SUBDRAIN
STD	STANDARD
STM	STEAM
STRUCT	STRUCTURAL
SUCT	SUCTION
SUSP	SUSPENDED

T	
T	THERMOSTAT
TCP	TEMPERATURE CONTROL PANEL
TD	TEMPERATURE DROP
TDR	TRENCH DRAIN
TEFC	TOTALLY ENCLOSED FAN COOLED
TEMP	TEMPERATURE
TYP	TYPICAL

U	
UFD	UNDER FLOOR DUCT
UG	UNDERGROUNG

V	
V	VENT
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENTILATION
VERT	VERTICAL
VOL	VOLUME
VTR	VENT THROUGH ROOF

W	
W	WASTE
WB	WET BULB
WCO	WALL CLEAN OUT
WH	WALL HYDRANT

ABBREVIATIONS

16"x8" — SQUARE DUCT SIZE TAG (WIDTH x HEIGHT)

16"/8" — OVAL DUCT SIZE TAG (WIDTH / HEIGHT)

16"Ø — ROUND DUCT SIZE TAG (DIAMETER)

(E) — EXISTING DUCT TAG

DUCT BEING DEMOLISHED

S/A — SUPPLY AIR

S-O/A — CONDITIONED OUTSIDE AIR

O/A — OUTSIDE AIR

R/A — RETURN AIR

T/A — TRANSFER AIR

E/A — EXHAUST AIR

L/A — RELIEF AIR

GE/A — GREASE EXHAUST AIR

SE/A — SMOKE EXHAUST AIR

FLUE — EXHAUST GAS FLUE

C/A — COMBUSTION AIR

DROP — RECTANGULAR SUPPLY/OUTSIDE AIR DUCT RISE

DROP — ROUND SUPPLY/OUTSIDE AIR DUCT RISE

DROP — RECTANGULAR RETURN/TRANSFER AIR DUCT RISE

DROP — ROUND RETURN/TRANSFER AIR DUCT RISE

DROP — RECTANGULAR EXHAUST/RELIEF AIR DUCT RISE

DROP — ROUND EXHAUST/RELIEF AIR DUCT RISE

GRILLES, REGISTERS & DIFFUSERS TAG

TYPE (SCHEDULE) — 3-CONE DIFFUSER — SD1 | 400 | 10" / 24x24 | 22 | H-57/14

PERFORATED DIFFUSER WITH DEFLECTORS — SD3 | 300 | 8" / 24x24

ROUND DIFFUSER WITH ADJUSTABLE PATTERNS — SD9 | 400 | 12" / ---

LOUVERED DOUBLE DEFLECTION GRILLE — SG7 | 500 | 12"x10" / ---

LINEAR BAR GRILLE — SLB3 | 400 | 48"x2 1/2"

CFM
NECK SIZE / MODULE SIZE
THROW-150FPM/ 100FPM/ 50FPM
THROW PATTERN
MAX NC RATING

RG2 | 500 | 12"x10" / 24x24 | 18 — EGGCRATE RETURN GRILLE

RGB | 500 | 12"x10" / 24x12 — LOUVERED GRILLE

LINEAR DIFFUSER TAG

TYPE (SCHEDULE) — LSD1 | 200 | 1 / 4' - 0" / 8' | 8' - 0" AFF

LINEAR SLOT DIFFUSER — LSD1 | 200 | 1 / 4' - 0" / 8' — 18' - 0"

CFM
NUMBER OF SLOTS /
ACTIVE SLOT LENGTH (PLENUM LENGTH) /
NECK SIZE
ELEVATION (CENTER OF FACE)
SECTION TOTAL TRACK LENGTH
INLET COLLAR DAMPER

MECHANICAL EQUIPMENT TAGS

VAV-XX — Htg: 3.7 GPM — HEATING COIL FLOW — VAV BOX

VAV-XX — 10' - 0" — BOTTOM OF EQUIPMENT ELEVATION

(E)VAV-XX — EXISTING EQUIPMENT TO REMAIN

VAV-XX — EQUIPMENT BY OTHERS (REFER TO OTHER DISCIPLINE FOR ADDITIONAL INFORMATION)

RTU-XX — OPERATING WEIGHT NOT INCLUDING CURB — 590 lb

RTU-XX — 4.0 ton — NOMINAL COOLING CAPACITY

RTU-XX — FUEL INPUT — 115000 Btu/h

RTU-XX — GAS PIPE FLOW — 115 CFH

ROOFTOP UNIT

SENSOR TAGS

CARBON DIOXIDE SENSOR	CDX	TH	TEMPERATURE & HUMIDITY SENSOR
CARBON MONOXIDE SENSOR	COX	TS	TEMPERATURE SENSOR
NITROGEN DIOXIDE SENSOR	NOX	T	THERMOSTAT
HUMIDITY SENSOR	HS	MS	MANUAL SWITCH
HUMIDISTAT	H	S	SENSOR

DAMPER TAGS

FIRE DAMPER	F	B	MANUAL BALANCING DAMPER
SMOKE DAMPER	S	D	BACKDRAFT DAMPER
MOTORIZED DAMPER	M	C	COMBINATION FIRE/SMOKE DAMPER

1 M1.1 HVAC SYMBOLS
NTS

CHWR — CHILLED WATER RETURN

CHWS — CHILLED WATER SUPPLY

CD — CONDENSATE DRAINAGE

CWR — CONDENSER WATER RETURN

CWS — CONDENSER WATER SUPPLY

HWR — HEATING WATER RETURN

HWS — HEATING WATER SUPPLY

REF-L — REFRIGERANT-LIQUID

REF-S — REFRIGERANT-SUCTION

REF-HG — REFRIGERANT-HOT GAS

STM — STEAM

CDR — CONDENSATE RETURN

PIPE DROP
PIPE RISE
PIPE TEE
CAP

4" 4" 2" — PLUG — REDUCING 45 DEGREE TEE — 45 DEGREE TEE — 4"

PIPE ACCESSORY TAGS

- 2" DOM. WM DOMESTIC WATER METER
- 2" BALANCING BALANCING VALVE
- 2" SHUTOFF 1/4 TURN BALL VALVE
- 2" CHECK CHECK VALVE
- 2" TMV 3-WAY MIXING VALVE
- 2" M-CNTRL MOTORIZED CONTROL VALVE
- 2" 3-WAY CNTRL 3 WAY MOTORIZED CONTROL VALVE
- 2" PRV PRESSURE REDUCING VALVE
- 3/8" SOLENOID REFRIGERANT SOLENOID VALVE
- 2" BUTTERFLY BUTTERFLY VALVE

2 M1.1 PIPING SYMBOLS
NTS

SCH 40 GALV STEEL SLEEVE SECURED TO PARTITION

SEAL ANNULAR SPACE BETWEEN PIPE AND SLEEVE WITH THUNDERLINE "LINK-SEAL" OR EQUAL.

PIPE WITH OR WITHOUT INSULATION. TERMINATE INSULATION EACH SIDE OF "LINK-SEAL".

INTERIOR — EXTERIOR

SEAL ANNULAR SPACE BETWEEN PIPE AND SLEEVE WITH THUNDERLINE "LINK-SEAL" OR EQUAL.

ESCUTCHEON PLATE WHERE EXPOSED. (TYPICAL EACH SIDE)

SCH 40 GALV STEEL SLEEVE SECURED TO PARTITION

INSULATION AND JACKET

PIPE WITH OR WITHOUT INSULATION TERMINATE INSULATION ON EACH SIDE OF "LINK-SEAL".

NOTES:
1. TYPICAL FOR NON-INSULATED PIPING AND CONDUIT.
2. TYPICAL FOR MASONRY OR CONCRETE WALL.
3. FOR WALL PENETRATION WITH FIRE RATINGS GREATER THAT (1) HOUR, USE THUNDERLINE "PYRO-PAC" SEALS OR EQUAL.
4. WHERE PIPING EXPOSED AT FINISHED WALL, FLUSH MOUNT SLEEVE, AND PROVIDE AN ESCUTCHEON PLATE.

3 M1.1 PIPE PENETRATION THRU EXTERIOR WALLS
NTS

REVISION NUMBER - SHOWN ON PLANS

POINT WHERE NEW CONNECTS TO EXISTING

NUMBER OF DETAIL ON SHEET
NUMBER OF SHEET WHERE DETAIL APPEARS

1 — KEYNOTE

CONTINUATION SYMBOL

ROOM NAME
101 — ROOM NAME AND NUMBER

ITEM TO BE DEMOLISHED

AREA NOT IN CONTRACT

2" — PIPE SIZE TAG (DIAMETER)

ABOVE GROUND PIPING

1/8" / 12" SLOPE — PIPE SLOPE TAG

BELOW GROUND PIPING

INVERT: -10' - 1" — PIPE INVERT ELEVATION TAG

(E) — EXISTING PIPE TAG

PIPING BEING DEMOLISHED

4 M1.1 GENERAL MECHANICAL SYMBOLS
NTS

DRYWALL/STUD WALL/MASONRY WALL SEE PLANS FOR SIZES

SEE PLANS FOR DUCT SIZE AND ELEVATION

GRILLE AS SCHEDULE

ACOUSTICALL LINED DUCTWORK FOR SOUND ABSORPTION

FIRE DAMPER WHERE REQUIRED, SEE PLANS. CARRY DUCT THRU NON-RATED WALL AND SEAL OPENING.

CEILING REFER TO ARCHITECTURAL PLANS

CEILING REFER TO ARCHITECTURAL PLANS

5 M1.1 RETURN AIR SOUND TRAP
NTS

AC	AIR CONDITIONING UNIT	EWH	ELECTRIC WATER HEATER
ACC	AIR COOLED CONDENSER	FCU	FAN COIL UNIT
ACCU	AIR COOLING CONDENSING UNIT	FP	FIRE PUMP
AHU	AIR HANDLING UNIT	GI	GREASE INTERCEPTOR
AS	AIR SEPARATOR	GRV	GRAVITY ROOF VENTILATOR
B	BOILER	HWP	HEATING WATER PUMP
CH	CHILLER	HX	HEAT EXCHANGER
CT	COOLING TOWER	HRU	HEAT RECOVERY UNIT
CH	CABINET UNIT HEATER	PRV	POWER ROOF VENTILATOR
CWP	CONDENSER WATER PUMP	RE	RETURN/EXHAUST FAN
CHWP	CHILLED WATER PUMP	RTU	ROOFTOP UNIT
DBP	DOMESTIC WATER BOOSTER PUMP	SEP	SEWAGE EJECTOR PUMP
DC	DUCT MOUNTED COIL	SF	SUPPLY FAN
DCP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP
EF	EXHAUST FAN	UH	UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER
ET	EXPANSION TANK		

6 M1.1 EQUIPMENT ABBREVIATIONS
NTS

SCH 40 GALV STEEL SLEEVE SECURED TO PARTITION

CAULK AND SEAL ANNULAR SPACE BETWEEN PIPE AND SLEEVE

PIPE WITH OR WITHOUT INSULATION

INTERIOR

NOTES:
1. TYPICAL FOR NON-INSULATED PIPE AND CONDUIT.
2. ALL CAULKING AND SEALANT SHALL BE FIRE RATED (SEE SPECIFICATIONS).
3. WHERE PIPING IS EXPOSED AT FINISHED WALL, FLUSH MOUNT SLEEVE AND PROVIDE AN ESCUTCHEON PLATE.

7 M1.1 PIPE PENETRATION THRU INTERIOR WALLS
NTS

CONTRACTOR MAY USE PRE-MANUFACTURERED RETURN AIR CANOPY EQUAL TO TITUS 'RCP', KREUGER 'KRH', OR PRICE 'RAC'.

ACOUSTICALLY LINED CANOPY OPEN TO PLENUM SPACE ABOVE CEILING

RETURN AIR SOUND CANOPY. DESIGN BASED ON PRICE MODEL RAC..

T

DUCT OPEN TOP PLENUM SPACE ABOVE

AIR TRANSFER GRILLE (SEE PLANS FOR SIZE AND TYPE OF GRILLE).

CEILING HEIGHT AS INDICATED ON PLANS.

DUCT DIMENSIONS TO MATCH GRILLE

DUCTWORK TO BE LINED WHERE INDICATED ON DRAWINGS

6ø

24"

AIR RELIEF GRILLE (SEE PLANS FOR SIZE AND TYPE OG GRILLE)

CEILING HEIGHT AS INDICATED ON PLANS

8 M1.1 RETURN AIR SOUND CANOPY

14 GAUGE ZINC COATED SHEET STEEL SADDLE, AT LEAST 6" LONG

PIPE

INSULATION

6" HYDROUS CALCIUM SILICATE BLOCKS SHAPED TO FIT PIPE AND HANGER

9 M1.1 CLEVIS PIPE HANGER DETAIL - 6" AND SMALLER
NTS

PIPE AND INSULATION

SPIDER

GUIDE

NOTE:
SPIDER INSTALLED FOR MAXIMUM TRAVEL

10 M1.1 PIPE ALIGNMENT GUIDE DETAIL
NTS

HANDTIGHT PLUG CLEANOUT

HVAC UNIT

DRAIN PAN

EQUAL TO 1" + UNIT STATIC PRESSURE

PITCH TO DRAIN MIN 1/4" PER LINEAR FOOT

EQUAL TO 1/2 OF THE UNIT STATIC PRESSURE.

1" MINIMUM WATER SEAL

NOTE:
1. CONNECT TO UNIT FULL SIZE
2. REFER TO SPECIFICATIONS FOR PIPING REQUIREMENTS.

11 M1.1 CONDENSATE TRAP PIPING DIAGRAM - AIR HANDLER
NTS

MECHANICAL SHEET INDEX

SHEET NUMBER	SHEET NAME
M1.1	GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SHEET INDEX
M2.1	MECHANICAL PLAN - FIRST FLOOR
M2.2	MECHANICAL PLAN - MEZZANINE, ROOF PLAN, AND SCHEDULES
M5.1	MECHANICAL DETAILS
M6.1	OVERALL TEMPERATURE CONTROL PLAN

HVAC GENERAL NOTES

A REMOVE ALL UNUSED PIPING, DUCTWORK AND ACCESSORIES. DISPOSE OF THESE ITEMS OFF SITE.

B DIVISION 23 MECHANICAL CONTRACTOR IS REQUIRED TO COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.

C ALL EQUIPMENT LOCATED ABOVE CEILING REQUIRING MAINTENANCE SHALL BE INSTALLED WITHIN (2) FEET OF THE CEILING FOR MAINTENANCE PURPOSES. DO NOT INSTALL UNITS ABOVE LIGHTS AND CEILING SPEAKERS. COORDINATE LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLAN AND GENERAL CONTRACTOR.

D ANY BALANCING DAMPERS OR OTHER DEVICES IN DUCTS ABOVE HARD CEILINGS SHALL BE LOCATED ABOVE NEAREST ACCESSIBLE CEILING.

E THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.

F ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.

G LOCATE DUCTWORK AND MECHANICAL EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS. TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT.

H PROVIDE SLEEVES AND/OR OPENINGS TO RUN DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.

I CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 3'-8" AFF, A MINIMUM OF 4" FROM LIGHT SWITCH.

J CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPING SHALL BE TYPE "L" COPPER.

K ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.

L WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.

M COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, AND EQUIPMENT TO PREVENT CONFLICTS.

N THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AS WELL AS THOSE WHICH CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.

O FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.

P ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.

Q INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.

R LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD. CONSULT ENGINEER IF MANUFACTURER'S MINIMUM CLEARANCE REQUIRED CAN'T BE MAINTAINED.

S INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS, WHERE NOT OTHERWISE NOTED ON DRAWINGS.

TEMPERATURE CONTROL GENERAL NOTES

A REFER TO SECTION 23 0913 AND 23 0993 FOR TEMPERATURE CONTROL SPECIFICATIONS.

B MOUNT THE THERMOSTATS AND SENSORS WITH BOTTOM AT 44" AFF UNLESS OTHERWISE NOTED, A MINIMUM OF 8" FROM LIGHT SWITCH. COORDINATE HEIGHT WITH LIGHT SWITCHES. SEE DETAIL FOR ADDITIONAL INFORMATION.

STATE OF OHIO
MATTHEW R. HIBNER
LICENSE #1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MANSFIELD, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmhgroup.com

NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MAK	DJL

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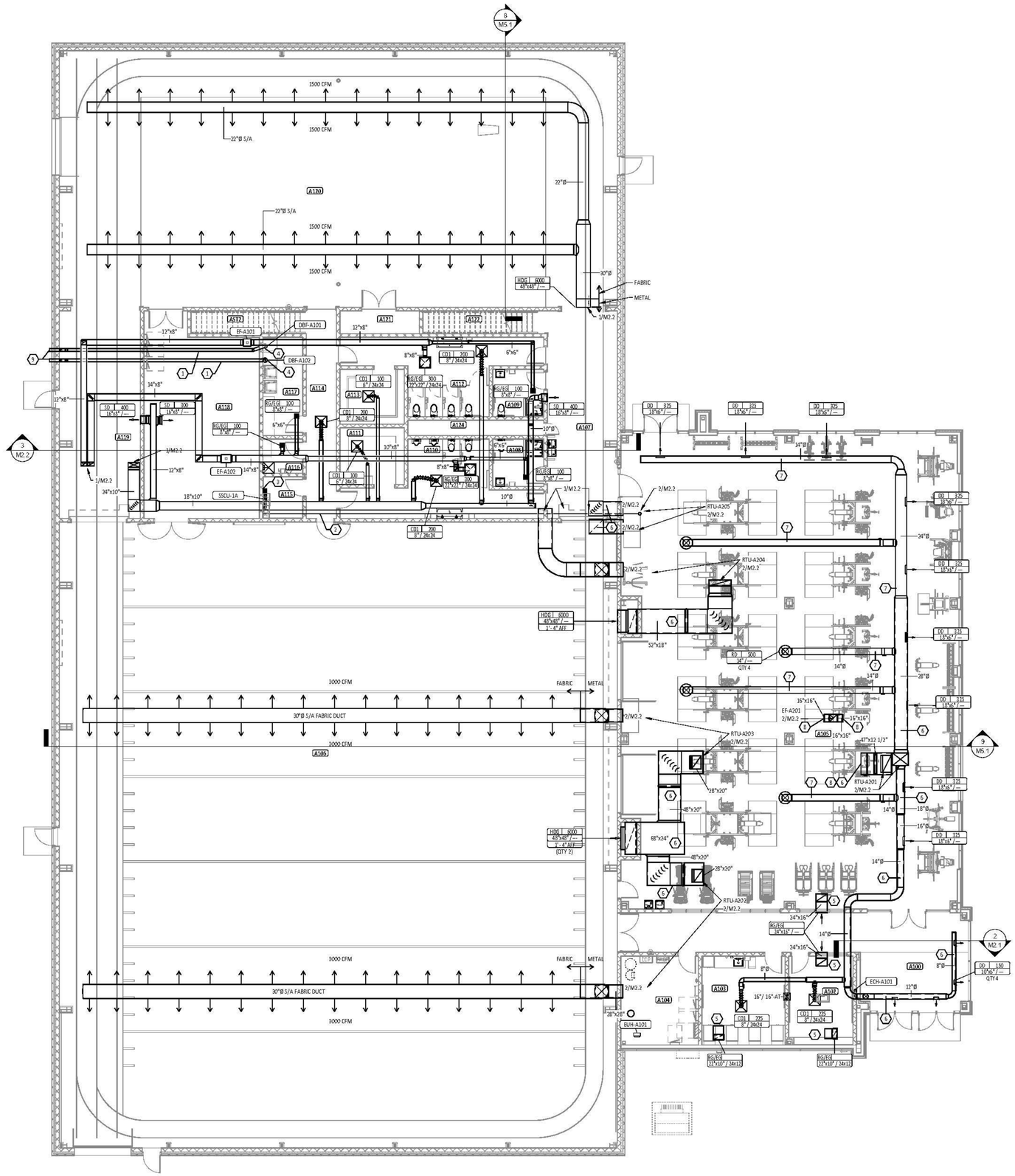
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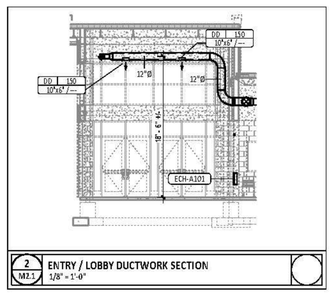
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2 / M2.1 ENTRY / LOBBY DUCTWORK SECTION
1/8" = 1'-0"

1 / M2.1 FIRST FLOOR MECHANICAL PLAN
1/8" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	329 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECH/ELEC	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE athletic ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	RESTROOM	74 SF
A109	RESTROOM	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	307 SF
A113	WOMENS CHANGING ROOM	111 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL	42 SF
A117	LAUNDRY	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTIPURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF

HVAC GENERAL NOTES

A. REMOVE ALL UNUSED PIPING, DUCTWORK AND ACCESSORIES. DISPOSE OF THESE ITEMS OFF SITE.

B. DIVISION 23 MECHANICAL CONTRACTOR IS REQUIRED TO COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.

C. ALL EQUIPMENT LOCATED ABOVE CEILING REQUIRING MAINTENANCE SHALL BE INSTALLED WITHIN (2) FEET OF THE CEILING FOR MAINTENANCE PURPOSES. DO NOT INSTALL UNITS ABOVE LIGHTS AND CEILING SPEAKERS. COORDINATE LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLAN AND GENERAL CONTRACTOR.

D. ANY BALANCING DAMPERS OR OTHER DEVICES IN DUCTS ABOVE HARD CEILINGS SHALL BE LOCATED ABOVE NEAREST ACCESSIBLE CEILING.

E. THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.

F. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.

G. LOCATE DUCTWORK AND MECHANICAL EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT.

H. PROVIDE SLEEVES AND/OR OPENINGS TO RUN DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.

I. CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 3'-8" AFF, A MINIMUM OF 4" FROM LIGHT SWITCH.

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K. ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.

L. WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.

M. COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, AND EQUIPMENT TO PREVENT CONFLICTS.

N. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AS WELL AS THOSE WHICH CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.

O. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.

P. ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.

Q. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.

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S. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS, WHERE NOT OTHERWISE NOTED ON DRAWINGS.

#	KEYNOTE DESCRIPTION
1	PROVIDE A 4" DIAMETER DRYER VENT WITH LINT TRAP, AND 4" HARD CONNECTION TO DRYER. ROUTE DUCT ABOVE CEILING AS SHOWN. TERMINATE VENT THROUGH EXTERIOR WALL AS SHOWN. PROVIDE 8" x 8" DRYER VENT WALL LOUVER AND SHEET METAL PLENUM WITH AN 8" x 8" FEATHERWEIGHT BACKDRAFT DAMPER. CONNECT 4" DRYER VENT DUCT TO PLENUM. REFER TO DETAIL.
2	DIVISION 23 HVAC CONTRACTOR SHALL SIZE AND ROUTE REFRIGERANT PIPING FROM CONDENSING UNIT TO INDOOR COOLING UNIT AS RECOMMENDED BY UNIT MANUFACTURER. ROUTING SHALL BE COORDINATED WITH OTHER UTILITIES.
3	PROVIDE CONDENSATE PIPING FOR INDIRECT DRAIN FROM INDOOR UNIT TO WALL DRAIN BOX BELOW UNIT. DIV. 22 PLUMBING CONTRACTOR TO PROVIDE WALL BOX. ROUTE PIPING IN WALL. CUT PIPE AT 45 DEGREE ANGLE AT TERMINATION.
4	INSTALL DRYER BOOSTER FAN ABOVE CEILING. INSTALL PRESSURE SWITCH IN DUCTWORK UPSTREAM OF FAN. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION.
5	PROVIDE A LINED RETURN AIR SOUND TRAP ON RETURN AIR TRANSFER GRILLE. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
6	UNDER BASE BID, PROVIDE 1" ACOUSTICAL LINER IN DUCT FROM AHU UP TO THE LOCATION SHOWN. DUCT SIZE/DIMENSIONS SHOWN IS FREE AREA REQUIRED AND DOES NOT INCLUDE THE LINER. ALL LINED DUCT AND FITTINGS SHALL BE DOUBLE-WALLED WITH PERFORATED INTERIOR.
7	UNDER ALTERNATE BID #11, PROVIDE 1" ACOUSTICAL LINER IN DUCT FROM AHU UP TO THE LOCATION SHOWN. DUCT SIZE/DIMENSIONS SHOWN IS FREE AREA REQUIRED AND DOES NOT INCLUDE THE LINER. ALL LINED DUCT AND FITTINGS SHALL BE DOUBLE-WALLED WITH PERFORATED INTERIOR. BASE BID SHALL BE NON-LINED, SPIRAL SEAM. ALL EXPOSED METAL DUCT TO BE PAINT-GRIP TYPE FOR PAINTING BY GENERAL CONTRACTOR.
8	END OF DUCT OPEN TO SPACE. PROVIDE BIRDSCREEN AT DUCT OPENING.
9	DRYER VENT DUCT CENTERLINE APPROXIMATELY 5 FEET AFF. PROVIDE WALL LOUVER OUTLET IT MASONRY. REFER TO DETAIL.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
GMPLANS.COM

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING
6645 FACT 66, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

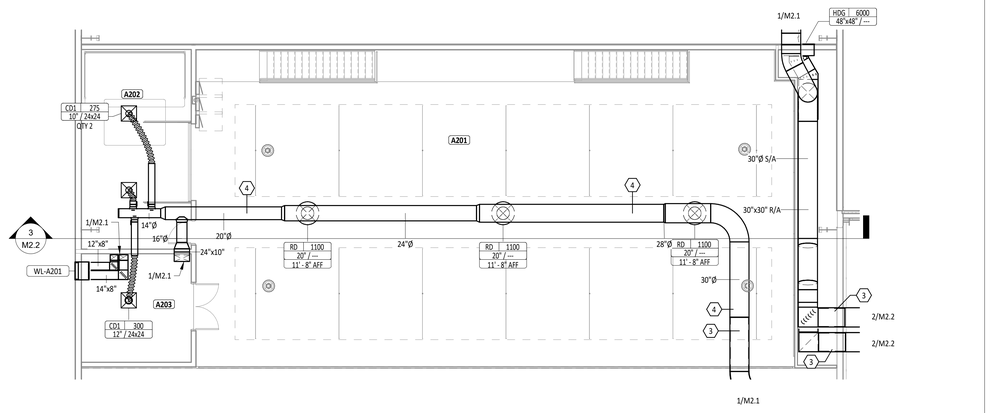
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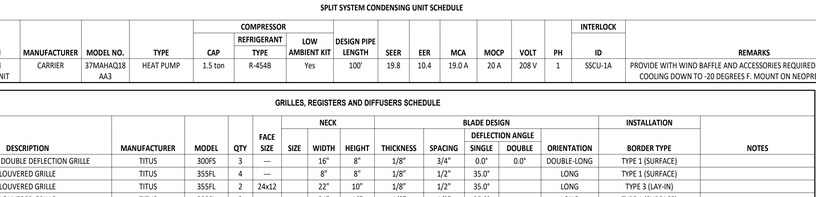
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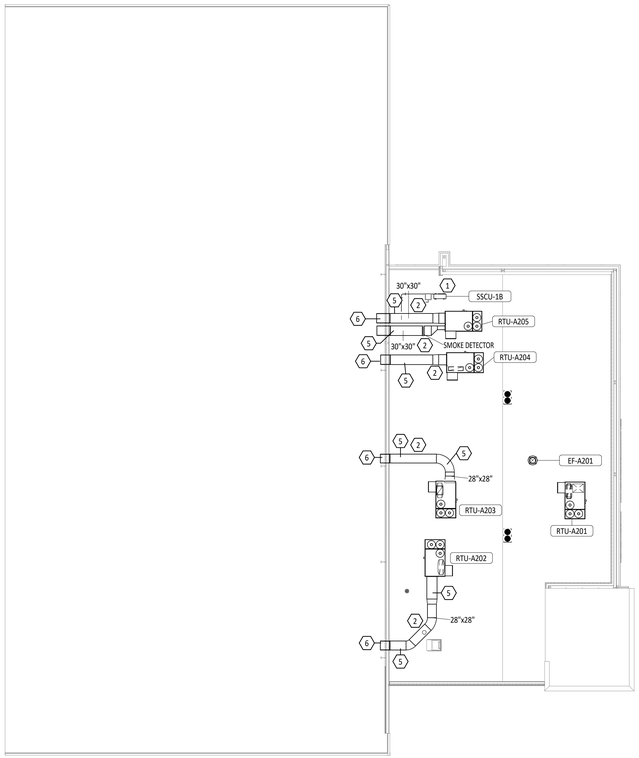
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1 M2.2 MEZZANINE MECHANICAL PLAN
1/8" = 1'-0"



3 M2.2 MEZZANINE HVAC SECTION
1/8" = 1'-0"



2 M2.2 ROOF MECHANICAL PLAN
1/16" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A201	MEZZANINE	3,103 SF
A202	GOLF SIMULATOR	372 SF
A203	STORAGE	202 SF

HVAC GENERAL NOTES

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I. CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 3'-8" AFF, A MINIMUM OF 4" FROM LIGHT SWITCH.

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S. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS, WHERE NOT OTHERWISE NOTED ON DRAWINGS.

#	KEYNOTE DESCRIPTION
1	MOUNT OUTDOOR CONDENSING UNIT ON ROOF. PROVIDE PATE TYPE ROOF CURB RAILS FOR UNIT MOUNTING.
2	EXTERIOR DUCTWORK SHALL BE A PREINSULATED EXTERNAL TYPE OR EXTERIOR INSULATED WITH A MINIMUM R VALUE OF 6 AND WRAPPED WITH A METAL JACKET. ALL INSULATION IS TO BE TAPERED FOR PROPER DRAINAGE. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
3	UNDER BASE BID, PROVIDE 1" ACOUSTICAL LINER IN DUCT FROM AHU UP TO THE LOCATION SHOWN. DUCT SIZE/DIMENSIONS SHOWN IS FREE AREA REQUIRED AND DOES NOT INCLUDE THE LINER. ALL LINED DUCT AND FITTINGS SHALL BE DOUBLE-WALLED WITH PERFORATED INTERIOR.
4	UNDER ALTERNATE BID #11, PROVIDE 1" ACOUSTICAL LINER IN DUCT FROM AHU UP TO THE LOCATION SHOWN. DUCT SIZE/DIMENSIONS SHOWN IS FREE AREA REQUIRED AND DOES NOT INCLUDE THE LINER. ALL LINED DUCT AND FITTINGS SHALL BE DOUBLE-WALLED WITH PERFORATED INTERIOR. BASE BID SHALL BE NON-LINED, SPIRAL SEAM. ALL EXPOSED METAL DUCT TO BE PAINT-GRIP TYPE FOR PAINTING BY GENERAL CONTRACTOR.
5	EXTERIOR DUCTWORK SHALL BE SUPPORTED WITH STEEL PEDESTALS WITH BASES RESTING ON AND NOT PENETRATING ROOF MEMBRANE. SIZE AND SPACING SHALL BE AS REQUIRED TO DISTRIBUTE LOAD SUFFICIENTLY. PRODUCT SHALL BE EQUAL TO NVENT CADDY PYRAMID SUPPORT.
6	NEW DUCTWORK SHALL BE ROUTED THROUGH EXTERIOR WALL. SEAL OPENING AIR AND WATER TIGHT.

ROOFTOP UNIT SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	ARRANGEMENT	SUPPLY AIRFLOW	OUTSIDE AIR FLOW	OUTSIDE AIR DCV	FAN PRESS ESP	FAN DRIVE TYPE	FAN MOTOR QTY	FAN MOTOR POWER	FAN MOTOR ECM	INCLUDE POWER EXHAUST	COOLING COIL CAP NOMINAL CAP	COOLING COIL AIRSIDE TOTAL	COOLING COIL AIRSIDE SENSIBLE	COOLING COIL AIRSIDE EAT(db)	COOLING COIL AIRSIDE EAT(wb)	COOLING COIL AIRSIDE LAT(db)	COOLING COIL AIRSIDE LAT(wb)	INCLUDE ECONOMIZER	INCLUDE HGR	GAS-FIRED HX GAS BURNER INPUT	GAS BURNER EFF	GAS BURNER STAGES	GAS-FIRED HX FUEL TYPE	GAS-FIRED HX FUEL PRESS AVAIL	GAS-FIRED HX AIRSIDE EAT(db)	GAS-FIRED HX AIRSIDE LAT(db)	COMPRESSOR REFRIGERANT TYPE	SUMMER AMBIENT DBT	WINTER AMBIENT DBT	EER	IEER	FILTER EFF	UNIT WEIGHT	MCA	MOCP	VOLT	PH	REMARKS
RTU-A201	CARRIER	48FETN168A5-3MBC0	GAS/DX	VERTICAL SUPPLY/VERTICAL RETURN	6000 CFM	2000 CFM	Yes	0.75 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	182,020 Btu/h	126,980 Btu/h	80.0 °F	67.6 °F	59.7 °F	57.7 °F	Yes	Yes	350,000 Btu/h	81.0%	2	NG	11.00 in-wg	45.0 °F	90.5 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1704 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8
RTU-A202	CARRIER	48FETN168A5-3MBC0	GAS/DX	HORIZONTAL SUPPLY/VERTICAL RETURN	6000 CFM	1650 CFM	Yes	1.00 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	179,770 Btu/h	125,450 Btu/h	79.1 °F	67.0 °F	58.5 °F	57.1 °F	Yes	Yes	350,000 Btu/h	81.0%	2	NG	11.00 in-wg	49.0 °F	94.5 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1704 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8
RTU-A203	CARRIER	48FETN168A5-3MBC0	GAS/DX	HORIZONTAL SUPPLY/VERTICAL RETURN	6000 CFM	1650 CFM	Yes	1.00 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	179,700 Btu/h	125,450 Btu/h	79.1 °F	67.0 °F	58.5 °F	57.1 °F	Yes	Yes	350,000 Btu/h	81.0%	2	NG	11.00 in-wg	49.0 °F	94.5 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1704 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8
RTU-A204	CARRIER	48FERN168A5-3MBC0	GAS/DX	HORIZONTAL SUPPLY/VERTICAL RETURN	5575 CFM	700 CFM	Yes	1.25 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	171,900 Btu/h	116,060 Btu/h	76.9 °F	65.4 °F	56.3 °F	54.8 °F	Yes	Yes	240,000 Btu/h	81.0%	2	NG	11.00 in-wg	59.3 °F	92.9 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1686 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8
RTU-A205	CARRIER	48FETN168A5-3MBC0	GAS/DX	HORIZONTAL SUPPLY/HORIZONTAL RETURN	6000 CFM	1400 CFM	Yes	1.25 in-wg	DIRECT	1	5.00 hp	Yes	Yes	15.0 ton	178,350 Btu/h	124,180 Btu/h	78.5 °F	66.5 °F	58.1 °F	56.7 °F	Yes	Yes	350,000 Btu/h	81.0%	2	NG	11.00 in-wg	51.9 °F	97.4 °F	R-454B	95.0 °F	0.0 °F	10.8	14.5	4" MERV-13	1704 lb	83 A	100 A	208 V	3	1, 2, 3, 4, 5, 6, 7, 8

1. Humidi-MIzer® ADAPTIVE DEHUMIDIFICATION SYSTEM OR EQUAL.
2. ENTHALPY ECONOMIZER AND CO2 SENSOR.
3. HIGH STATIC FAN
4. NON-FUSED DISCONNECT.
5. R-454B (OR R32) APPROVED DISSIPATION BOARD AND LEAK SENSOR
6. STAINLESS STEEL GAS HEAT EXCHANGER
7. ELECTRICAL CONVENIENCE OUTLET
8. PROVIDE WITH BACNET CARD.

ELECTRIC UNIT HEATER SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	FAN AIRFLOW DESIGN	HEATING COIL AIRSIDE EAT(db)	HEATING COIL AIRSIDE LAT(db)	HEATING ELEMENT QTY	HEATING ELEMENT POWER	UNIT DIMENSIONS AFF ELEVATION	UNIT WEIGHT	AMPS	VOLT	PH	REMARKS
ECH-A101	BROAN	198	WALL RECESSED	300 CFM	65.0 °F	96.6 °F	1	3.0 kW	1' - 4"	25 lb	14.4 A	208 V	1	UNIT MOUNTED TAMPER PROOF THERMOSTAT. PROVIDE WITH RECESSED WALL KIT.
EUH-A101	MARKEL	F2FS103N	CEILING HUNG	400 CFM	65.0 °F	91.0 °F	1	3.3 kW	9' - 0"	25 lb	15.9 A	208 V	1	PROVIDE WITH MFG WALL BRACKET AND UNIT MOUNTED THERMOSTAT.

LOUVER SCHEDULE

ID	SERVES	MANUFACTURER	MODEL NO.	TYPE	DESIGN AIRFLOW	PD	DIMENSIONS HEIGHT	DIMENSIONS WIDTH	DIMENSIONS TOP MOUNT HEIGHT	REMARKS
WL-A201	EF-A102	GREENHECK	EHH-501	EXHAUST	1000 CFM	0.10 in-wg	24"	28"	27' - 2"	COLOR BY ARCHITECT.

WALL MOUNTED AIR CONDITIONER SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	FAN DESIGN AIRFLOW	COOLING COIL NOMINAL CAP	MCA	VOLT	PH	INTERLOCK ID	REMARKS
SSCU-1A	CARRIER	45MAHAQ18XA3	HEAT PUMP	635 CFM	1.5 ton	3.0 A	208 V	1	SSCU-1B	PROVIDE WIRED THERMOSTAT. INDOOR POWERED BY OUTDOOR UNIT.

SPLIT SYSTEM CONDENSING UNIT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	TYPE	COMPRESSOR CAP	COMPRESSOR REFRIGERANT TYPE	COMPRESSOR LOW AMBIENT KIT	DESIGN PIPE LENGTH	SEER	EER	MCA	MOCP	VOLT	PH	INTERLOCK ID	REMARKS
SSCU-1B	SPLIT-SYSTEM CONDENSING UNIT	CARRIER	37MAHAQ18 AA3	HEAT PUMP	1.5 ton	R-454B	Yes	100'	19.8	10.4	19.0 A	20 A	208 V	1	SSCU-1A	PROVIDE WITH WIND BAFFLE AND ACCESSORIES REQUIRED FOR LOW AMBIENT COOLING DOWN TO -20 DEGREES F. MOUNT ON NEOPRENE ISOLATORES.

GRILLES, REGISTERS AND DIFFUSERS SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	FACE SIZE	NECK SIZE	NECK WIDTH	NECK HEIGHT	BLADE DESIGN THICKNESS	BLADE DESIGN SPACING	BLADE DESIGN DEFLECTION ANGLE SINGLE	BLADE DESIGN DEFLECTION ANGLE DOUBLE	BLADE DESIGN ORIENTATION	INSTALLATION BORDER TYPE	NOTES
SD	LOUVERED DOUBLE DEFLECTION GRILLE	TITUS	300FS	3	---		16"	8"	1/8"	3/4"	0.0°	0.0°	DOUBLE-LONG	TYPE 1 (SURFACE)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	4	---		8"	8"	1/8"	1/2"	35.0°		LONG	TYPE 1 (SURFACE)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	2	24x12		22"	10"	1/8"	1/2"	35.0°		LONG	TYPE 3 (LAY-IN)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	2	---		24"	16"	1/8"	1/2"	35.0°		LONG	TYPE 1 (SURFACE)	
RG/EG	LOUVERED GRILLE	TITUS	355FL	2	24x24		22"	22"	1/8"	1/2"	35.0°		LONG	TYPE 3 (LAY-IN)	
RD	ROUND DIFFUSER WITH ADJUSTABLE PATTERNS	TITUS	TMRA	4	---	14"								SURFACE	
RD	ROUND DIFFUSER WITH ADJUSTABLE PATTERNS	TITUS	TMRA	3	---	20"								SURFACE	
HDG	LOUVERED GRILLE	TITUS	33RL	4	---		48"	48"	1/8"	1/2"	35.0°		LONG	TYPE 1 (SURFACE)	
DD	LOUVERED DOUBLE DEFLECTION GRILLE	TITUS	S300FS	4	---		10"	6"	1/8"	3/4"	45.0°	0.0°	DOUBLE-SHORT	DUCT MOUNT INSTALLATION	REFER TO SPECIFICATIONS.
DD	LOUVERED DOUBLE DEFLECTION GRILLE	TITUS	S300FS	9	---		18"	6"	1/8"	3/4"	45.0°	0.0°	DOUBLE-SHORT	DUCT MOUNT INSTALLATION	REFER TO SPECIFICATIONS.
CD1	LOUVERED FACE DIFFUSER	TITUS	TDC-AA	2	24x24	6"								TYPE 3 (LAY-IN)	REFER TO SPECIFICATIONS.
CD1	LOUVERED FACE DIFFUSER	TITUS	TDC-AA	5	24x24	8"								TYPE 3 (LAY-IN)	REFER TO SPECIFICATIONS.
CD1	LOUVERED FACE DIFFUSER	TITUS	TDC-AA	2	24x24	10"								TYPE 3 (LAY-IN)	REFER TO SPECIFICATIONS.
CD1	LOUVERED FACE DIFFUSER	TITUS	TDC-AA	1	24x24	12"								TYPE 3 (LAY-IN)	REFER TO SPECIFICATIONS.

MECHANICAL DRYER BOOSTER FAN SCHEDULE

MARK	MFG	MODEL	TYPE	AIRFLOW CFM	AIRFLOW ESP	ELECTRICAL ELECTRICAL POWER	ELECTRICAL AMPS	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	COMMENTS
DBF-A101	FANTECH	DBF4XLT	AUTOMATIC INLINE DRYER BOOSTER	160 CFM	0.20 in-wg	66.0 W	0.59 A	115 V	1	DRYER BOOSTER FAN TO BE MOUNTED ABOVE CEILING. TO BE HARDWIRED BY E.C. PROVIDE WALL MOUNTING KIT AND HARDWARE. PROVIDE LINT TRAP.
DBF-A102	FANTECH	DBF4XLT	AUTOMATIC INLINE DRYER BOOSTER	160 CFM	0.20 in-wg	66.0 W	0.59 A	115 V	1	DRYER BOOSTER FAN TO BE MOUNTED ABOVE CEILING. TO BE HARDWIRED BY E.C. PROVIDE WALL MOUNTING KIT AND HARDWARE. PROVIDE LINT TRAP.

EXHAUST FAN SCHEDULE

ID	MANUFACTURER	MODEL NO.	TYPE	ARRANGEMENT	FAN AIRFLOW DESIGN	FAN PRESS ESP	FAN RPM	FAN DRIVE TYPE	FAN MOTOR POWER	SONES	ROOF CURB	UNIT WEIGHT	FLA	MCA	MOCP	VOLT	PH	CONTROL SPEED CONTROLLER	DISCONNECT TYPE	ACCESSORIES	REMARKS
EF-A101	GREENHECK	SQ-95-VG	INLINE	HORIZONTAL	400 CFM	0.65 in-wg	1679	DIRECT	0.17 hp	9		34 lb	2.8 A	4 A	15 A	115 V	1	YES	YES	BACKDRAFT DAMPER, SPRING ISOLATORS	CONTROL WITH LIGHTS BY DIVISION 26.
EF-A102	GREENHECK	SQ-99-VG	INLINE	HORIZONTAL	600 CFM	0.65 in-wg	1584	DIRECT	0.25 hp	12		50 lb	3.8 A	5 A	15 A	115 V	1	YES	YES	BACKDRAFT DAMPER, SPRING ISOLATORS	CONTROL WITH LIGHTS BY DIVISION 26.
EF-A201	GREENHECK	G-140-VG	ROOF	DOWNFLOW	1000 CFM	0.26 in-wg	756	DIRECT	0.25 hp	6	Yes	75 lb	5.8 A	7 A	15 A	115 V	1	YES	YES	BACKDRAFT DAMPER	CONTROL BY TIMER SWITCH BY DIVISION 26.

ASHRAE 62.1 VENTILATION RATE PROCEDURE SUMMARY

ROOM IDENTITY NO.	LOCATION NAME	Occupancy Category	Area, Az	Selected Supply Airflow	Number of People, Pz	Outdoor Airflow Rate Per Person, Rp	Outdoor Airflow Rate Per Unit Area, Ra	Zone Air Distribution Effectiveness, Ez	Breathing Zone Outdoor Airflow, Voz	Required Outdoor Air Intake Flow, Vot
A107	CORRIDOR	Corridors	455 SF	400 CFM	0	0.0 CFM	0.06 CFM/SF	1	27 CFM	27 CFM
A108	RESTROOM	Toilets (public)	74 SF	0 CFM	0			1		
A109	RESTROOM	Toilets (public)	73 SF	0 CFM	0			1		
A110	MENS RESTROOM	Toilets (public)	317 SF	200 CFM	0			1		
A111	MENS CHANGING ROOM	Locker Rooms	114 SF	100 CFM	0			1		
A112	WOMENS RESTROOM	Toilets (public)	307 SF	200 CFM	0			1		
A113	WOMENS CHANGING ROOM	Locker Rooms	111 SF	100 CFM	0			1		
A114	CORRIDOR	Corridors	199 SF	200 CFM	0	0.0 CFM	0.06 CFM/SF	1	12 CFM	12 CFM
A118	STORAGE ROOM	Storage rooms	689 SF	300 CFM	0	0.0 CFM	0.12 CFM/SF	1	83 CFM	83 CFM
A119	CORRIDOR	Corridors	529 SF	400 CFM	0	0.0 CFM	0.06 CFM/SF	1	32 CFM	32 CFM
A121	STORAGE	Storage rooms	51 SF	0 CFM	0	0.0 CFM	0.12 CFM/SF	1	6 CFM	6 CFM
A201	MEZZANINE	Health club/weight rooms	3103 SF	3300 CFM	10	20.0 CFM	0.06 CFM/SF	1	386 CFM	386 CFM
A202	GOLF SIMULATOR	Multipurpose assembly	372 SF	550 CFM	4	5.0 CFM	0.06 CFM/SF	1	42 CFM	42 CFM
MEZZ AND UNDER: 13			6395 SF	5750 CFM	14				588 CFM	588 CFM
A120	MULTIPURPOSE GYMNASIUM	Gym, sports arena (play area)	4483 SF	6000 CFM	30	20.0 CFM	0.18 CFM/SF	1	1407 CFM	1407 CFM
RTU GYM NORTH: 1			4483 SF	6000 CFM	30				1407 CFM	1407 CFM
A106	MULTI-PURPOSE ATHLETIC ROOM	Gym, sports arena (play area)	10934 SF	12000 CFM	60	20.0 CFM	0.18 CFM/SF	1	3168 CFM	3168 CFM
RTU LARGE MULTIPURPOSE: 1			10934 SF	12000 CFM	60				3168 CFM	3168 CFM
A100	VESTIBULE	Corridors	323 SF	600 CFM	0	0.0 CFM	0.06 CFM/SF	0.8	19 CFM	24 CFM
A102	COACH OFFICE	Office space	178 SF	225 CFM	1	5.0 CFM	0.06 CFM/SF	0.8	16 CFM	20 CFM
A103	TRAINER	Office space	231 SF	225 CFM	1	5.0 CFM	0.06 CFM/SF	0.8	19 CFM	24 CFM
A104	MECH/ELEC	Non-Occupiable	215 SF	0 CFM	0			0.8		
A105	WEIGHT ROOM	Health club/weight rooms	4895 SF	5000 CFM	60	20.0 CFM	0.06 CFM/SF	0.8	1494 CFM	1867 CFM
RTU WEIGHT ROOM: 5			5842 SF	6050 CFM	62				1548 CFM	1935 CFM

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

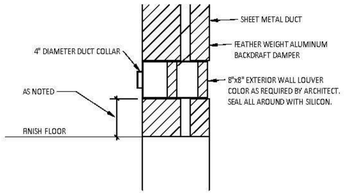
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25041.00	MAK	DJL

SHEET TITLE:
MECHANICAL PLAN - MEZZANINE, ROOF PLAN, AND SCHEDULES

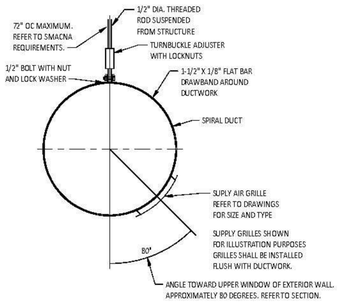
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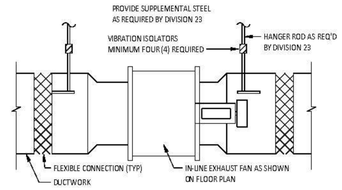
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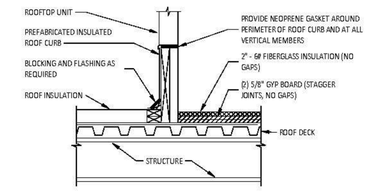
1 M5.1 **DRYER VENT DETAIL**
NTS



2 M5.1 **DUCT MOUNTED SUPPLY GRILLE DETAIL**
NTS

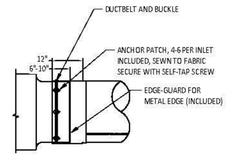


3 M5.1 **INLINE EXHAUST FAN**
NTS

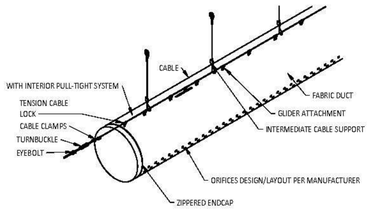


NOTE:
PREFABRICATED INSULATED ROOF CURB PROVIDED BY MECHANICAL CONTRACTOR. COORDINATE INSTALLATION AND FLASHING WITH THE GENERAL CONTRACTOR. ATTACH ROOF CURB TO ROOF DECK PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

4 M5.1 **ROOFTOP UNIT CURB INSTALLATION DETAIL**
NTS

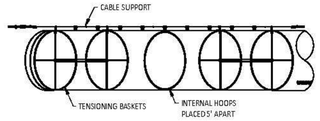


INLET ATTACHMENT DETAIL



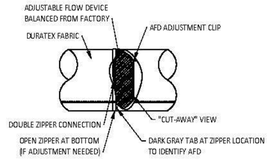
SUSPENSION DETAIL

1 ROW CABLE SUSPENSION AT 12 O'CLOCK
SKELECORE PULL-TIGHT



SUSPENSION DETAIL

SKELECORE PULL-TIGHT WITH CABLE SYSTEM DETAIL



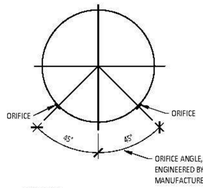
ADJUSTABLE FLOW DEVICE (AFD)

INSTALLED AT ZIPPER LOCATION AT INLET OR AS SPECIFIED IN OTHER LOCATIONS. ZIPPER TO ZIPPER CONNECTION AS SHOWN. EXTERNAL LABEL IDENTIFIES LOCATION

TEXTILE DUCT HAS BEEN SHOWN FOR SIZE, MATERIAL, AND METHOD OF HANGING. SEE WRITTEN SPECIFICATIONS FOR ADDITIONAL PRODUCT CRITERIA. METHOD OF AIR DISTRIBUTION FROM THE TEXTILE DUCT, SUCH AS: LINEAR VENTS, ORIFICES, OR NOZZLES, AND THE ORIENTATION OF THESE DEVICES, MUST BE DEVELOPED AND SUBMITTED THROUGH DETAILED SHOP DRAWINGS. SHOP DRAWINGS MUST SHOW AIR VOLUME, THROW DISTANCE, ORIENTATION OF VENTING, AND DRAWINGS OF THE COMPLETE TEXTILE DUCT SYSTEM. THE DISPERSION SHALL BE DESIGNED TO PROVIDE A COMFORTABLE ENVIRONMENT IN ACCORDANCE WITH THE PRINCIPLES OF ASHRAE STD 55. PRIOR TO FABRICATION OF THE TEXTILE DUCT, THE MECHANICAL ENGINEER OF RECORD MUST REVIEW THE TEXTILE SHOP DRAWINGS. TEXTILE DUCT MANUFACTURER FAILING TO PROVIDE THE STATED INFORMATION WILL NOT BE APPROVED.

FABRIC COLOR:
WHITE. ALL AREAS.

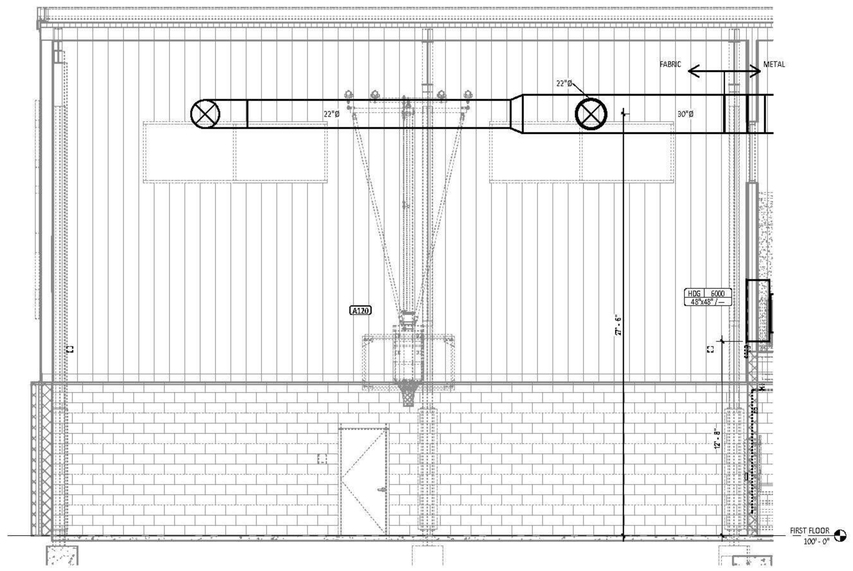
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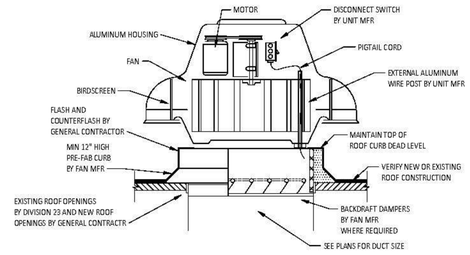
GYMNASIUM

XXXX CFM TOTAL AIRFLOW/DUCT
XXX" ORIFICE DIAMETER
THROW AT 50 FPM VELOCITY = XX'-X"
THROW AT 100 FPM VELOCITY = XX'-X"
THROW AT 150 FPM VELOCITY = XX'-X"

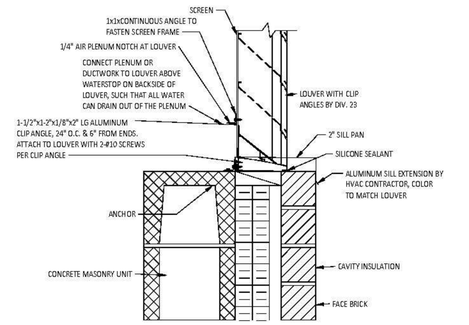
5 M5.1 **FABRIC DUCT DETAILS**
NTS



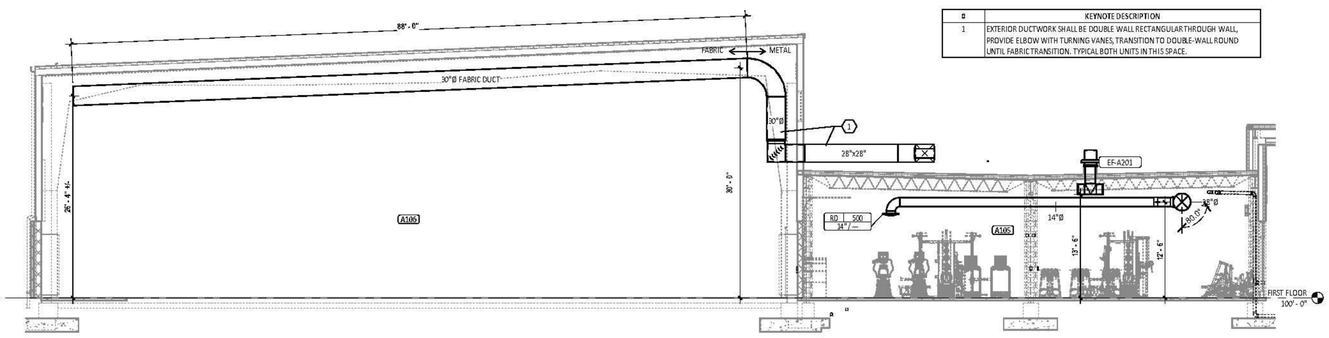
8 M5.1 **AUXILLARY GYMNASIUM SECTION**
1/4" = 1'-0"



6 M5.1 **ROOF MOUNTED EXHAUST FAN**
NTS



7 M5.1 **WALL LOUVER CONNECTION**
NTS



#	KEYNOTE DESCRIPTION
1	EXTERIOR DUCTWORK SHALL BE DOUBLE WALL RECTANGULAR THROUGH WALL, PROVIDE ELBOW WITH TURNING VANES, TRANSITION TO DOUBLE-WALL ROUND UNTIL FABRIC TRANSITION. TYPICAL BOTH UNITS IN THIS SPACE.

9 M5.1 **MULTI-PURPOSE ATHLETIC ROOM AND WEIGHT ROOM SECTION**
1/8" = 1'-0"

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MAK	DR.

SHEET TITLE:

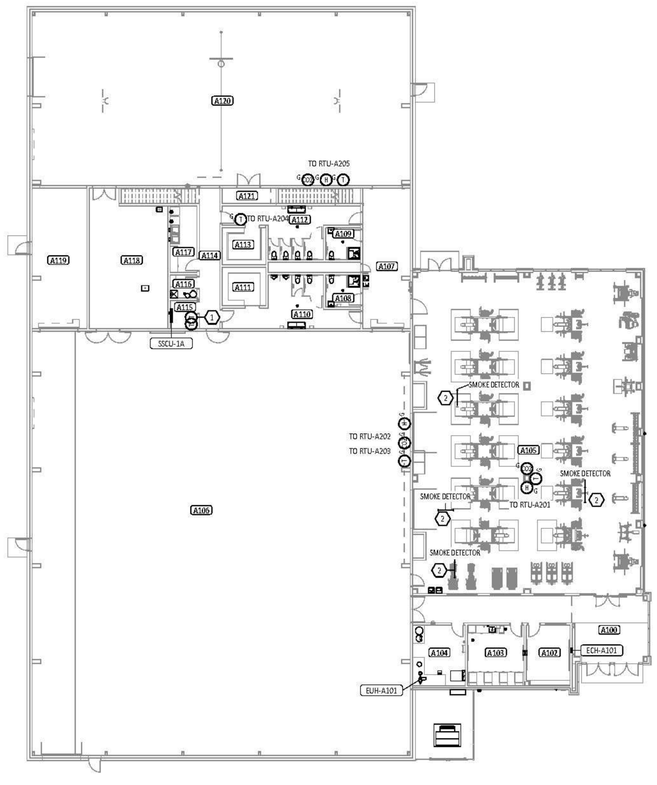
MECHANICAL DETAILS

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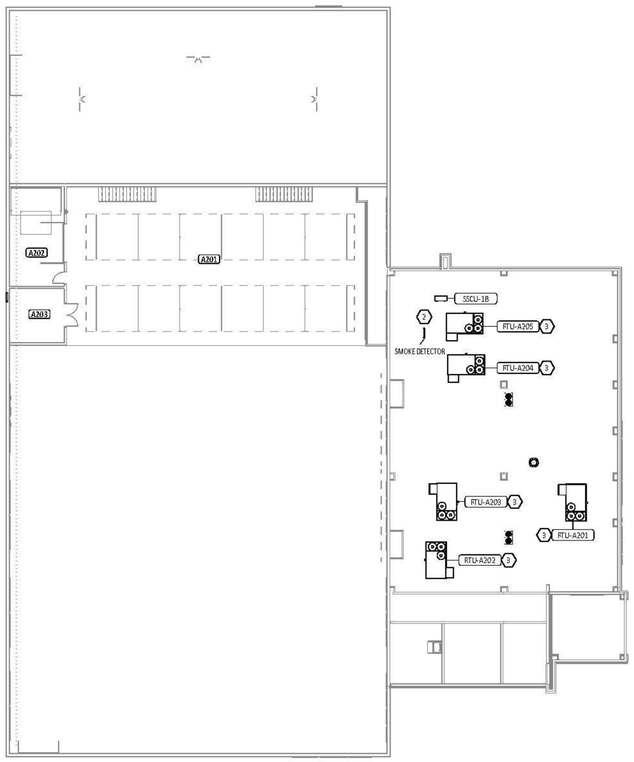
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1 M6.1 OVERALL TEMPERATURE CONTROL FIRST FLOOR PLAN
1/16" = 1'-0"



2 M6.1 OVERALL TEMPERATURE CONTROL MEZZANINE AND ROOF PLAN
1/16" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECH/ELEC	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	RESTROOM	74 SF
A109	RESTROOM	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	307 SF
A113	WOMENS CHANGING ROOM	111 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL	42 SF
A117	LAUNDRY	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTIPURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF
A201	MEZZANINE	3,103 SF
A202	GOLF SIMULATOR	373 SF
A203	STORAGE	202 SF
AST1	STAIR	82 SF
AST2	STAIR	89 SF

#	KEYNOTE DESCRIPTION
1	THERMOSTAT FOR SPLIT SYSTEM COOLING UNIT PROVIDED BY UNIT MANUFACTURER AND INSTALLED BY DIVISION 23 MECHANICAL CONTRACTOR. TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE A SEPARATE THERMOSTAT IN ROOM TO MONITOR TECHNOLOGY CLOSET SPACE TEMPERATURE THROUGH THE BAS.
2	APPROXIMATE LOCATION OF DUCT MOUNTED SMOKE DETECTOR. SMOKE DETECTOR SHALL BE PROVIDED AND INSTALLED BY DIVISION 26 ELECTRICAL CONTRACTOR.
3	ROOFTOP UNIT SHALL COME WITH BACNET CARD. CONTROLS CONTRACTOR SHALL INTEGRATE ROOFTOP INTO BUILDING AUTOMATION SYSTEM. UNDER BASE BID, BUILDING AUTOMATION SYSTEM SHALL BE STAND ALONE (TO THIS BUILDING ONLY). UNDER ALTERNATE BID#8, THE ROOFTOP UNITS SHALL BE INTEGRATED INTO THE DISTRICTS EXISTING FRONT END. THE CURRENT FRONT END IS FACILITIES EXPLORER, MAINTAINED BY CHILLTEX.

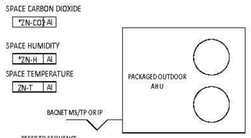
TECHNOLOGY ROOM POINT LIST

POINT TAG	POINT DESCRIPTION	HARDWARE POINTS DI	AI	DO	AO	SOFTWARE POINTS		ALARM	TREND	GRAPHIC
ZN-T	TECH CLOSET XXXX SPACE TEMPERATURE		X					X		X

TECHNOLOGY ROOM UNIT

SPACE TEMPERATURE (TECH CLOSET XXXX)
ZN-T | AI

3 M6.1 TECHNOLOGY ROOM AIR CONDITIONING CONTROL SCHEMATIC



PACKAGED OUTDOOR AHU SCHEMATIC

POINT LIST

POINT TAG	POINT DESCRIPTION	HARDWARE POINTS DI	AI	DO	AO	SOFTWARE POINTS DV	AV	ALARM	TREND	GRAPHIC
ZN-T	SPACE TEMPERATURE		X						X	X
*ZN-H	SPACE HUMIDITY		X						X	X
*ZN-CO2	CARBON DIOXIDE SENSOR		X						X	X
	OCCUPIED HEATING SETPOINT						X			X
	OCCUPIED COOLING SETPOINT						X			X
	UNOCCUPIED HEATING SETPOINT						X			X
	UNOCCUPIED COOLING SETPOINT						X			X
	DUCT STATIC PRESSURE SETPOINT						X			X
	SUPPLY AIRFLOW SETPOINT (CFM)						X			X
	MINIMUM SUPPLY AIRFLOW SETPOINT (CFM)						X			X

*WHERE INDICATED ON PLANS.

4 M6.1 PACKAGED MAKEUP AIR CONTROL SCHEMATIC

TEMPERATURE CONTROL GENERAL NOTES

A REFER TO SECTION 23 0913 AND 23 0993 FOR TEMPERATURE CONTROL SPECIFICATIONS.

B MOUNT THE THERMOSTATS AND SENSORS WITH BOTTOM AT 44" AFF UNLESS OTHERWISE NOTED, A MINIMUM OF 8" FROM LIGHT SWITCH . COORDINATE HEIGHT WITH LIGHT SWITCHES. SEE DETAIL FOR ADDITIONAL INFORMATION.

ABBREVIATIONS

ABBREV	DESCRIPTION	ABBREV	DESCRIPTION
AF	AIRFLOW SENSOR (BY VAV MFG)	LTA	LOW TEMPERATURE FREEZESTAT
AFMS	AIRFLOW MONITORING STATION	M	MOTOR
AI	ANALOG INPUT	MA	MIXED AIR
AO	ANALOG OUTPUT	NC	NORMALLY CLOSED
CCP	COIL CIRCULATING PUMP	NO	NORMALLY OPEN
CD	CONTROL DAMPER	NO	NITROGEN DIOXIDE
CLG	CHILLED WATER	OA	OUTSIDE AIR
CO	CARBON DIOXIDE	OAFILT	OUTSIDE AIR PREFILTER
CMO	CARBON MONOXIDE	OCC	OCCUPANCY SENSOR (BY OTHERS)
CT	ELECTRICAL CURRENT TRANSDUCER	PCLG	PRIMARY CHILLED WATER LOOP
CV	CONTROL VALVE	PFILT	PREFILTER
DA	DISCHARGE AIR	RA	RETURN AIR
DI	DIGITAL INPUT	RAFILT	RETURN AIR FILTER
DO	DIGITAL OUTPUT	RM	ROOM (SPACE)
DP	DIFFERENTIAL PRESSURE	RWT	RETURN WATER TEMPERATURE
DPHI	DIFFERENTIAL PRESSURE HIGH LEVEL	SD	SMOKE DETECTOR (BY OTHERS)
EA	EXHAUST AIR	SA	SUPPLY AIR
EAB	BUILDING EXHAUST AIR	SCLG	SECONDARY CHILLED WATER LOOP
EAFILT	EXHAUST AIR FILTER	SF	SUPPLY FAN
EF	EXHAUST FAN	SP	SETPOINT
ERW	ENERGY RECOVERY WHEEL	STARTER	MOTOR STARTER (BY OTHERS)
FDP	FILTER DIFFERENTIAL PRESSURE SENSOR	STATUS	FAN STATUS
FFILT	FINAL FILTER	S/S	START / STOP
FM	FLOW METER (GPM)	SWT	SUPPLY WATER TEMPERATURE
H	HUMIDITY	T	TEMPERATURE SENSOR
HTG	HEATING	VFD	VARIABLE FREQUENCY DRIVE
		ZN	ZONE

SYMBOLS

SYMBOL	DESCRIPTION
XX-AFMS AI	AIRFLOW MONITORING STATION
XX-CD AO	CONTROL DAMPER
XX-SD DI	SMOKE DETECTOR (BY OTHERS)
	AIR FILTER
H L FA-FDP AI	FILTER WITH DIFFERENTIAL PRESSURE SWITCH
XX-T AI	AIR TEMPERATURE SENSOR
XX-H AI	AIR HUMIDITY SENSOR
XX-T AI	AVERAGING TEMPERATURE SENSOR
VM-F AI	FLOW METER
LTA DI	FREEZESTAT
C	COOLING COIL
H C	HEATING COIL
AO XXX-CV	HYDRONIC CONTROL VALVE
AI CLG-LWT	HYDRONIC TEMPERATURE SENSOR
	PUMP
R	CONTROL RELAY
	FAN
DI EF-STATUS CT	ELECTRICAL CURRENT TRANSDUCER
STARTER M	MOTOR WITH MOTOR STARTER
VFD M	MOTOR WITH VARIABLE FREQUENCY DRIVE

CONTROL CONTRACTOR SHALL PROVIDE ANY ADDITIONAL POINTS AS REQUIRED TO CARRY OUT THE SEQUENCE OF OPERATION IN SECTION 23 0993 OF THE SPECIFICATIONS.

THERMOSTAT / SENSOR LEGEND

- CO2 CARBON DIOXIDE SENSOR
- CO CARBON MONOXIDE SENSOR
- NO2 NITROGEN DIOXIDE SENSOR
- HS HUMIDITY SENSOR
- H HUMIDISTAT
- TH TEMPERATURE & HUMIDITY SENSOR
- TS TEMPERATURE SENSOR
- T THERMOSTAT
- SW MANUAL SWITCH
- S SENSOR
- G GUARD
- E ELECTRIC LINE VOLTAGE THERMOSTAT
- R REVERSE ACTING THERMOSTAT

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
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444 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	MAK	DR.

SHEET TITLE:
OVERALL TEMPERATURE CONTROL PLAN

SHEET NUMBER:
M6.1

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- NOTE:

	ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW.

A	
A	AMPS, AMPERE, AMPERAGE
A/V	AUDIO/VISUAL
AC	ABOVE COUNTER
ac	ALTERNATING CURRENT
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AVAILABLE INTERRUPTING CURRENT
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE

B	
BKR	BREAKER
BTM	BOTTOM

C	
C	CONDUIT
CB	CIRCUIT BREAKER
CCT	CORRELATED COLOR TEMPERATURE
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CRI	COLOR RENDERING INDEX
CU	COPPER

D	
dc	DIRECT CURRENT
DIA	DIAMETER

E	
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EX	EXISTING

F	
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FDR	FEEDER
FLA	FULL LOAD AMPS
FUT	FUTURE

G	
GEN	GENERATOR
GFI OR GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP OR GFPE	GROUND FAULT PROTECTION OF EQUIPMENT
GND	GROUND

H	
HOA	HAND-OFF-AUTO
HP	HORSEPOWER
HT	HEIGHT

I	
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
IG	ISOLATED GROUND

K	
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT AMPS

KVAR	KILOVOLT AMPS REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR

L	
LOC	LOCATION
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, AND GROUND FAULT PROTECTION

M	
mA	MILLIAMPS
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MCC	MOTOR CONTROL CENTER
MH	MOUNTING HEIGHT
MIN	MINIMUM
MTD	MOUNTED
MTS	MANUAL TRANSFER SWITCH

N	
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEUT	NEUTRAL
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE

O	
OH	OVERHEAD

P	
P	POLE
PA	PUBLIC ADDRESS
PC	PHOTOCELL
PH	PHASE
PVC	POLYVINYL CHLORIDE

R	
RGS	RIGID GALVANIZED STEEL

S	
SPD	SURGE PROTECTION DEVICE
SW	SWITCH

T	
TEMP	TEMPORARY
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL

U	
UG	UNDERGROUND
UL	UNDERWRITERS' LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTABLE POWER SUPPLY

V	
V	VOLTS, VOLTAGE
VFD	VARIABLE FREQUENCY DRIVE

W	
W	WIRE
WG	WIRE GUARD
WP	WEATHER PROOF

X	
XFMR	TRANSFORMER

ABBREVIATIONS

GENERAL DRAWINGS SYMBOLS

- KEYED NOTE REFERENCE
- REVISION NUMBER - SHOWN ON PLANS
- CONTINUATION SYMBOL
- NUMBER OF DETAIL ON SHEET / DRAWING NUMBER WHERE DETAIL APPEARS

DEMOLITION (IF APPLICABLE)

SYMBOL	DESCRIPTION	NOTES
	DASHED SYMBOL INDICATES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED.	REFER TO DEMOLITION PLANS FOR ADDITIONAL INFORMATION
	SOLID SYMBOL, LIGHTER IN COLOR INDICATES EXISTING DEVICE OR EQUIPMENT TO REMAIN.	

CIRCUIT AND RACEWAY SYMBOLS

SYMBOL	DESCRIPTION
	TICK MARKS DENOTING CONDUCTOR IDENTIFICATION. REFER TO 'KEY TO ELECTRICAL CIRCUIT WIRING' DETAIL FOR MORE INFORMATION.
	CIRCUIT CONCEALED IN CEILING, WALL, OR FLOOR OF NEW CONSTRUCTION. CONCEALED WHEREVER POSSIBLE IN AREAS OF OPEN STRUCTURE OR EXISTING CONSTRUCTION.
	INDICATES CONCEALED CONDUIT UNDERGROUND/UNDERFLOOR
	HOMERUN TO PANEL OR LOCATION NOTED
	SURFACE MOUNT RACEWAY. REFER TO PLANS FOR TYPE. — DENOTES HORIZONTALLY MOUNTED RACEWAY — DENOTES VERTICALLY MOUNTED RACEWAY
(2)1"	CONDUIT SLEEVE(S) ABOVE CEILING FOR TECHNOLOGY CABLING. (#) INDICATES QUANTITY, #" INDICATES CONDUIT SIZE. REFER TO ARCHITECTURAL SECTIONS FOR CEILING HEIGHTS.
	LADDER TYPE CABLE TRAY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
	WIRE MESH CABLE TRAY. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
DOWN UP	CONDUIT TURNS

LIGHTING FIXTURE SYMBOLS

REFER TO LUMINAIRE SCHEDULE FOR ALL FIXTURE TYPES AND ADDITIONAL INFORMATION.

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
	SOLID HATCH INDICATES LIGHT FIXTURE CONNECTED TO EMERGENCY CIRCUIT. HATCH WILL BE MODIFIED FOR EACH FIXTURE TYPE.	VARIES	REFER TO LUMINAIRE SCHEDULE
A / a	CAPITAL LETTER INDICATES FIXTURE TYPE. LOWERCASE LETTER INDICATES SWITCHING		
	RECESSED MOUNTED LUMINAIRE; APPROXIMATE SIZE AS INDICATED ON PLANS.	CEILING	
	SURFACE OR SUSPENDED MOUNT LUMINAIRE; APPROXIMATE SIZE AS INDICATED ON PLANS.		
	RECESSED MOUNTED DOWNLIGHT LUMINAIRE. DIRECTIONAL ARROW INDICATES AIMABLE FIXTURE TYPE.		
	SURFACE MOUNTED DOWNLIGHT LUMINAIRE.		
	PENDANT MOUNT LUMINAIRE; APPROXIMATE SIZE AS INDICATED ON PLANS.		
	STRIP LIGHT LUMINAIRE.		
	PENDANT MOUNT LUMINAIRE; APPROXIMATE SIZE AS INDICATED ON PLANS.		
	PENDANT MOUNTED ROUND TYPE LUMINAIRE; APPROXIMATE SIZE AS INDICATED ON PLANS.		
	RECESSED MOUNTED ROUND TYPE LUMINAIRE; APPROXIMATE SIZE AS INDICATED ON PLANS.		
	TRACK MOUNTED LUMINAIRES. PROVIDE TRACK LENGTH AND QUANTITY OF FIXTURES AS INDICATED ON PLANS. AIM AS INDICATED ON PLANS.		
	EXTERIOR WALL PACK LUMINAIRE.	WALL	
	WALL MOUNTED LUMINAIRE.		
	WALL MOUNTED LUMINAIRE.		
	EMERGENCY BATTERY PACK LUMINAIRE.		
	SINGLE OR DOUBLE (AS INDICATED) EMERGENCY REMOTE HEAD.		
	WALL MOUNTED EXIT SIGN, ARROWS AND EMERGENCY LIGHTS AS INDICATED. SHADED AREA INDICATES FACE LOCATION(S).		
	CEILING MOUNTED EXIT SIGN, ARROWS AND EMERGENCY LIGHTS AS INDICATED. SHADED AREA INDICATES FACE LOCATION(S).	CEILING	
	FLOOD LIGHT LUMINAIRE.	EXTERIOR	VARIES, SEE PLANS
	LIGHTED BOLLARD		
	DECORATIVE POLE TOP AREA LUMINAIRE.		
	POLE MOUNT LUMINAIRE. NUMBER OF HEAD(S)/TYPE(S) AS INDICATED.		

LIGHTING CONTROL SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
S	SINGLE POLE SWITCH, 20A, 120/277V WITH COVERPLATE.	WALL	44", UNO
S 3	THREE-WAY SWITCH, 20A, 120/277V WITH COVERPLATE.		
S 4	FOUR-WAY SWITCH, 20A, 120/277V WITH COVERPLATE.		
S P	SINGLE POLE PILOT LIGHT SWITCH, 20A, 120/277V WITH COVERPLATE.		
S K	KEY OPERATED SINGLE POLE SWITCH, 20A, 120/277V WITH COVERPLATE.		
S 3K	KEY OPERATED THREE-WAY SWITCH, 20A, 120/277V WITH COVERPLATE.		
S 4K	KEY OPERATED FOUR-WAY SWITCH, 20A, 120/277V WITH COVERPLATE.		
S OS	OCCUPANCY SENSOR SWITCH.		
S OD	OCCUPANCY SENSOR DIMMING SWITCH.		
S LC1 / S LC2 / S LC3 / S LD1	NETWORKED LOW VOLTAGE SWITCHES. REFERENCE SPECIFICATONS AND ASSOCIATED DETAIL FOR TYPES.		
	WALL MOUNTED OCCUPANCY SENSOR.	WALL	96", UNO
	CORNER MOUNTED OCCUPANCY SENSOR.		
	CEILING MOUNTED OCCUPANCY SENSOR. DETECTION AND COVERAGE TYPE AS DETERMINED BY THE MANUFACTURER.	CEILING	SURFACE
	CEILING MOUNTED DAYLIGHT SENSOR.		
	WALL MOUNTED OUTDOOR PHOTOCELL.	WALL	96", UNO
LCP	LIGHTING CONTROL PANEL. REFERENCE SPECIFICATIONS.	WALL	72" TO TOP

WIRING DEVICE SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
	SOLID HATCH INDICATES DEVICE CONNECTED TO EMERGENCY POWER. PROVIDE RED DEVICE WITH COVERPLATE TO MATCH REST OF ROOM.	WALL, UNO	VARIES
X	DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY.	WALL, UNO	16"
X	DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE. EXTRA LINE INDICATES DEVICE TO BE MOUNTED HORIZONTALLY.		
X	DOUBLE DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COMMON COVERPLATE.		
X	SINGLE RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY.		
	DEAD-FRONT GFCI DEVICE, 20A, 125V, WITH COVERPLATE MOUNTED VERTICALLY.		
X	SPECIAL PURPOSE RECEPTACLE WITH COVERPLATE. REFER TO PLANS FOR TYPE.	WALL, UNO	44", UNO
X	DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY.		
X	DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE. EXTRA LINE INDICATES DEVICE TO BE MOUNTED HORIZONTALLY.		
X	DOUBLE DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COMMON COVERPLATE.		
X	SINGLE RECEPTACLE, 20A, 125V, NEMA 5-20R, WITH COVERPLATE MOUNTED VERTICALLY.		
	DEAD-FRONT GFCI DEVICE, 20A, 125V, WITH COVERPLATE MOUNTED VERTICALLY.		
X	IN FLOOR SINGLE RECEPTACLE. TYPE AS INDICATED ON PLANS.	FLOOR	VARIES
X	IN FLOOR DUPLEX RECEPTACLE. TYPE AS INDICATED ON PLANS.		
X	IN FLOOR DOUBLE DUPLEX RECEPTACLE. TYPE AS INDICATED ON PLANS.		
X	IN FLOOR SPECIAL PURPOSE RECEPTACLE. TYPE AS INDICATED ON PLANS.		
X	CEILING MOUNTED SINGLE RECEPTACLE.	CEILING	FLUSH
X	CEILING MOUNTED DUPLEX RECEPTACLE.		
X	CEILING MOUNTED DOUBLE DUPLEX RECEPTACLE.		
X	CEILING MOUNTED SPECIAL PURPOSE RECEPTACLE.		
X	PEDESTAL MOUNTED SINGLE RECEPTACLE.	FLOOR	VARIES
X	PEDESTAL MOUNTED DUPLEX RECEPTACLE.		
X	PEDESTAL MOUNTED DOUBLE DUPLEX RECEPTACLE.		
X	PEDESTAL MOUNTED SPECIAL PURPOSE RECEPTACLE.		
	'X' INDICATES RECEPTACLE TYPE OTHER THAN STANDARD NO DESIGNATOR INDICATES STANDARD POWER DEVICE GFI = GFCI RATED GFT = GFCI RATED AND TAMPER RESISTANT TR = TAMPER RESISTANT IG = ISOLATED GROUND U = USB CHARGING PORTS AND TAMPER RESISTANT SR = SOUND REINFORCEMENT IFP - INTERACTIVE FLAT PANEL VID = VIDEO OUTLET — 96" VP = VIDEO PROJECTOR — 80" WC = WATER COOLER - (DETAIL 2 ON SHEET E1.2) WF = WASH FOUNTAIN WP = WEATHER-PROOF AND GFCI RATED (METAL IN-USE COVERPLATE) MW = MICROWAVE - COORDINATE WITH CASEWORK INSTALLER. — 60"		
X	FLOOR BOX WITH (2) NEMA 5-20R RECEPTACLES, UNO. 'X' INDICATES TYPE. REFER TO SPECIFICATIONS. PROVIDE PROPER COVER FOR THE ASSOCIATED FLOOR TYPE. COORDINATE WITH FLOOR INSTALLER.	FLOOR	VARIES
X	POKE-THRU WITH TWO (2) NEMA 5-20R RECEPTACLES, UNO. 'X' INDICATES TYPE, REFER TO SPECIFICATIONS. PROVIDE PROPER COVER FOR THE ASSOCIATED FLOOR TYPE. COORDINATE WITH FLOOR INSTALLER.		
	JUNCTION BOX OR EQUIPMENT CONNECTION.	VARIES, SEE PLANS	VARIES, SEE PLANS
	JUNCTION BOX OR EQUIPMENT CONNECTION WITH SWITCH FOR MAINTENANCE DISCONNECT. PROVIDE SWITCH RATED FOR VOLTAGE AND LOAD SHOWN ON PLANS.		
	WALL MOUNTED JUNCTION BOX		
	MOTOR CONNECTION. PROVIDE SWITCH FOR MAINTENANCE DISCONNECT WHEN SHOWN. PROVIDE SWITCH RATED FOR VOLTAGE AND LOAD SHOWN ON PLANS.	N/A	N/A
DT	0-6 HOUR DIGITAL TIMER RATED FOR LOAD BEING CONTROLLED.	WALL	44", UNO
G	GYM EQUIPMENT CONTROL SWITCH. 20A, 120V, DOUBLE-THROW, CENTER-OFF, MOMENTARY CONTACT, SINGLE-POLE SWITCH. LEVITON 1257-W OR EQUAL.		
	CORD REEL DOUBLE DUPLEX RECEPTACLE. REFER TO SPECIFICATIONS FOR TYPE.	STRUCTURE	VARIES
	DROP CORD DUPLEX RECEPTACLE. REFER TO ASSOCIATED DROP CORD DETAIL FOR MORE INFORMATION.		

ELECTRICAL EQUIPMENT SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
	SURFACE MOUNTED PANELBOARD - CIRCUIT BREAKER TYPE. DASHED LINES ON PLAN INDICATE CLEARANCES. REFER TO PANEL SCHEDULES AND ONE-LINE DIAGRAM.	VARIES	78" TO TOP
	FLUSH MOUNTED PANELBOARD - CIRCUIT BREAKER TYPE. DASHED LINES ON PLAN INDICATE CLEARANCES. REFER TO PANEL SCHEDULES AND ONE-LINE DIAGRAM.		
	DISTRIBUTION PANEL - CIRCUIT BREAKER TYPE. DASHED LINES ON PLAN INDICATE CLEARANCES. REFER TO PANEL SCHEDULES AND ONE-LINE DIAGRAM.	VARIES	VARIES
	METER BASE	VARIES	78" TO TOP
	NON-FUSED DISCONNECT SWITCH.	VARIES	VARIES
	FUSED DISCONNECT SWITCH.		
	COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH.		
	MAGNETIC MOTOR STARTER.		
CP	CONTROL PANEL. REFER TO PLANS FOR MORE INFORMATION.	VARIES	72" TO TOP
ATS	AUTOMATIC TRANSFER SWITCH.		
MTS	MANUAL TRANSFER SWITCH.		
ECB	ENCLOSED CIRCUIT BREAKER.		
VFD	VARIABLE FREQUENCY DRIVE.		
	GROUND BAR. REFER TO GROUNDING DETAIL.	WALL	16"

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
FACP	FIRE ALARM CONTROL PANEL. REFER TO SPECIFICATIONS.	WALL	72" TO TOP
NAC	FIRE ALARM NAC POWER SUPPLY. REFER TO SPECIFICATIONS.		
FAA	FIRE ALARM ANNUNCIATOR PANEL. REFER TO SPECIFICATIONS.	WALL	48"
F	FIRE ALARM PULL STATION. REFER TO SPECIFICATIONS.	WALL	44"
	FIRE ALARM HORN DEVICE. REFER TO SPECIFICATIONS.	WALL	80", UNO
	FIRE ALARM HORN/STROBE DEVICE. REFER TO SPECIFICATIONS.		
	FIRE ALARM SPEAKER DEVICE. REFER TO SPECIFICATIONS.		
	FIRE ALARM SPEAKER/STROBE DEVICE. REFER TO SPECIFICATIONS.		
	FIRE ALARM STROBE LIGHT ONLY DEVICE. REFER TO SPECIFICATIONS.		
CO	CEILING MOUNT FIRE ALARM SPEAKER DEVICE. REFER TO SPECIFICATIONS.	CEILING	SURFACE
	CEILING MOUNT FIRE ALARM SPEAKER/STROBE DEVICE. REFER TO SPECIFICATIONS.		
	FIRE ALARM SMOKE DETECTOR. REFER TO SPECIFICATIONS.		
	FIRE ALARM HEAT DETECTOR. REFER TO SPECIFICATIONS.		
CO	FIRE ALARM CO DETECTOR. REFER TO SPECIFICATIONS.		
	FIRE ALARM DUCT SMOKE DETECTOR. REFER TO SPECIFICATIONS.	DUCT MTD.	SEE PLANS
	FIRE ALARM MAGNETIC DOOR HOLDER. REFER TO SPECIFICATIONS.	WALL	VARIES
	FIRE ALARM REMOTE TEST STATION FOR HIDDEN SMOKE/DUCT DETECTOR. REFER TO SPECIFICATIONS.	VARIES	SEE PLANS
AM	FIRE ALARM ADDRESSABLE MODULE (MONITOR OR RELAY). REFER TO SPECIFICATIONS.		
	FIRE ALARM SPRINKLER BELL. FURNISHED BY FIRE SUPPRESSION CONTRACTOR, INSTALLED BY DIVISION 26.	WALL	96"
	TAMPER VALVE/SWITCH FOR PLUMBING PIPING. PROVIDE FIRE ALARM CONNECTIONS AS REQUIRED.	PIPE	N/A
	FLOW SWITCH FOR SPRINKLER PIPING. PROVIDE FIRE ALARM CONNECTIONS AS REQUIRED.		
	POST INDICATOR VALVE (PIV). PROVIDE FIRE ALARM CONNECTIONS AS REQUIRED.		
SD	SMOKE DAMPER CONNECTION. REFER TO PLANS FOR TYPE.	AT DUCT	SEE PLANS

SECURITY/ACCESS CONTROL SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
ACP	ACCESS CONTROL PANEL. DIVISION 26 TO PROVIDE 120V TO PANEL AS REQUIRED. COORDINATE WITH DIVISION 28.	WALL	72" TO TOP
SCP	SECURITY SYSTEM CONTROL PANEL. DIVISION 26 TO PROVIDE 120V TO PANEL AS REQUIRED. COORDINATE WITH DIVISION 28.		
EL	ELECTRIC LOCK, PROVIDED BY DIVISION 08. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 08 AND DIVISION 28.	DOOR	SEE PLANS
DC	DOOR CONTACT, PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 08 AND DIVISION 28.		
REX	REQUEST TO EXIT DEVICE, PROVIDED BY DIVISION 28. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING FROM DOOR FRAME TO ABOVE ACCESSIBLE CEILING. COORDINATE ROUGH-IN REQUIREMENTS WITH DIVISION 08 AND DIVISION 28.	VARIES	VARIES
CR	CARD READER, PROVIDED BY DIVISION 28. PROVIDE SINGLE GANG BACK BOX WITH 3/4" CONDUIT WITH PLASTIC BUSHING TO ABOVE ACCESSIBLE CEILING. COORDINATE WITH DIVISION 28 PRIOR TO ROUGH-IN.	WALL	44"
KP	KEYPAD, PROVIDED BY DIVISION 28. PROVIDE SINGLE GANG BACK BOX WITH 3/4" CONDUIT WITH PLASTIC BUSHING TO ABOVE ACCESSIBLE CEILING. COORDINATE WITH DIVISION 28 PRIOR TO ROUGH-IN.		
MD	CEILING MOUNT MOTION DETECTOR. PROVIDE ROUGH-IN IN HARD CEILING AS REQUIRED FOR INSTALLATION. PROVIDE 3/4" CONDUIT WITH PLASTIC BUSHING TO ABOVE ACCESSIBLE CEILING. COORDINATE BACK BOX AND WORK WITH DIVISION 28.	HARD CEILING	N/A
MD	WALL MOUNT MOTION DETECTOR. PROVIDE SINGLE GANG BACK BOX WITH 3/4" CONDUIT WITH PLASTIC BUSHING TO ABOVE ACCESSIBLE CEILING. COORDINATE WORK WITH DIVISION 28.	WALL	96", UNO
LD	SECURITY SYSTEM ALARM BELL PROVIDED BY DIVISION 28. PROVIDE BACK BOX AND PATHWAY AS REQUIRED. COORDINATE WITH DIVISION 28.	WALL	80", UNO
	VOICE ONLY INTERCOM STATION BY DIVISION 28. BACK BOX FURNISHED BY DIVISION 28, INSTALLED BY DIVISION 26. PROVIDE 1" CONDUIT WITH PLASTIC BUSHING TO ABOVE ACCESSIBLE CEILING.	WALL	44"
	VOICE & VIDEO INTERCOM STATION BY DIVISION 28. BACK BOX FURNISHED BY DIVISION 28, INSTALLED BY DIVISION 26. PROVIDE 1" CONDUIT WITH PLASTIC BUSHING TO ABOVE ACCESSIBLE CEILING.		
MD	DESK MOUNT MASTER INTERCOM STATION PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS WITH DIVISION 28.	VARIES	VARIES
	ELECTRONIC DOOR RELASE PUSHBUTTON PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS WITH DIVISION 28.		

MISCELLANEOUS SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
GCP	GYM EQUIPMENT CONTROL PANEL FURNISHED BY GYM EQUIPMENT INSTALLER, INSTALLED BY DIVISION 26.	WALL	72" TO TOP
GEC	GYM EQUIPMENT CONTROLLER FURNISHED BY GYM EQUIPMENT INSTALLER. DIVISION 26 TO PROVIDE BACK BOX AND ALL NECESSARY WIRING AS REQUIRED.	WALL	44"
GA	GENERATOR ANNUNCIATOR PANEL. REFER TO SPECIFICATIONS.	WALL	56"
FUSE	SPARE FUSE CABINET. REFER TO SPECIFICATIONS.	WALL	72" TO TOP
HD	HAND DRYER. REFER TO SPECIFICATIONS.	WALL	SEE ARCH
	AUTOMATIC DOOR OPERATOR FURNISHED BY DIVISION 08, INSTALLED BY DIVISION 26. COORDINATE WITH DOOR INSTALLER.	WALL	44"
	PUSH BUTTON. REFER TO DRAWINGS FOR MORE INFORMATION.		
	MULTI-BUTTON PUSH STATION. REFER TO DRAWINGS FOR MORE INFORMATION.		

TECHNOLOGY OUTLET SYMBOLS

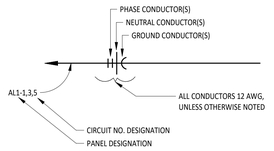
STUB ALL CONDUITS FOR TECHNOLOGY OUTLETS ABOVE ACCESSIBLE CEILING, UNO. PROVIDE PULL STRING AND PLASTIC BUSHING ON END OF EACH CONDUIT. PROVIDE COVERPLATE FOR UNUSED BOXES.

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
	DATA OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE ONE (1) 1-1/4" CONDUIT.	WALL	16", UNO
	VOICE & DATA OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE ONE (1) 1-1/4" CONDUIT.		
	VOICE OUTLET. 4-11/16" BOX WITH 2" DEEP 1-GANG EXTENSION RING. PROVIDE ONE (1) 1" CONDUIT.	WALL	44"
LI	LOCAL INPUT OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE ONE (1) 1-1/4" CONDUIT.	WALL	16", UNO
IFP	INTERACTIVE FLAT PANEL OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE ONE (1) 1-1/4" CONDUIT. (DETAIL X ON SHEET EX.X)	WALL	44"
LVP	LARGE VENUE PROJECTOR OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE TWO (2) 1-1/4" CONDUIT.	WALL	AS NOTED
SA	GYMNASIUM AUDIO SYSTEM OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE TWO (2) 1-1/4" CONDUIT.	WALL	16"
SP	STAGE PRESENTER OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE TWO (2) 1-1/4" CONDUIT.		
TPC	TEACHER PERSONAL COMPUTER OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE TWO (2) 1-1/4" CONDUIT.		
SR	SOUND REINFORCEMENT OUTLET. 4-11/16", 3.5" DEEP BOX WITH 2-GANG EXTENSION RING. PROVIDE TWO (2) 1-1/4" CONDUIT. (DETAIL X ON SHEET EX.X)	WALL	44"
VID	VIDEO MONITOR OUTLET. 4-11/16" BOX WITH 2" DEEP 2-GANG EXTENSION RING. PROVIDE ONE (1) 1-1/4" CONDUIT.	WALL	96", UNO
AQS	AIR QUALITY SENSOR OUTLET. 4-11/16" OCTOGON BOX WITH 2" DEEP 1-GANG EXTENSION RING. PROVIDE ONE (1) 1" CONDUIT.	ON PLANS	CEILING
CAM	CAMERA OUTLET. 4-11/16" BOX WITH 2" DEEP 1-GANG EXTENSION RING. PROVIDE ONE (1) 1" CONDUIT. PROVIDE WEATHERPROOF COVERPLATE FOR EXTERIOR APPLICATIONS.	WALL	144", UNO
WAP	WIRELESS ACCESS POINT OUTLET. 4-11/16" BOX WITH 2" DEEP 1-GANG EXTENSION RING. PROVIDE ONE (1) 1" CONDUIT. PROVIDE WEATHERPROOF COVERPLATE FOR EXTERIOR APPLICATIONS.		

AUDIO DEVICE SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
PA	PUBLIC ADDRESS SOUND SYSTEM RACK.	FLOOR	N/A
SD	STUDENT DINING SOUND SYSTEM RACK.		
GS	GYMNASIUM SOUND SYSTEM RACK.		
PR	PORTABLE SOUND SYSTEM RACK.		
MS	MUSIC/VOCAL ROOM SOUND SYSTEM RACK.		
	HANGING MICROPHONE PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE CEILING MOUNTED JUNCTION BOX AND RACEWAY AS REQUIRED. COORDINATE WITH DIVISION 28.	WALL	16", UNO
	MICROPHONE OUTLET. 1-GANG BOX WITH 2" DEEP 1-GANG EXTENSION RING. PROVIDE 1" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH PULL WIRE. PROVIDE PLASTIC BUSHING ON END OF CONDUIT.		
	AUXILIARY/MICROPHONE OUTLET. 4-11/16" BOX WITH 2" DEEP 1-GANG EXTENSION RING. PROVIDE 1" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH PULL WIRE. PROVIDE PLASTIC BUSHING ON END OF CONDUIT.		
	SPEAKER FOR PA SYSTEM, UNO. PROVIDE ROUGH-IN AND RACEWAY AS REQUIRED IN HARD CEILINGS. COORDINATE WITH DIVISION 27.	HARD CEILING	N/A
	SPEAKER FOR LOCAL SOUND REINFORCEMENT. PROVIDE ROUGH-IN AND RACEWAY AS REQUIRED IN HARD CEILINGS. COORDINATE WITH DIVISION 27.		
	SPEAKER FOR STUDENT DINING SOUND SYSTEM PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE JUNCTION BOX AT SPEAKER LOCATION AND PATHWAYS AS REQUIRED. COORDINATE WITH DIVISION 27.	VARIES	SEE PLANS
	SPEAKER FOR GYMNASIUM SOUND SYSTEM PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE JUNCTION BOX AT SPEAKER LOCATION AND PATHWAYS AS REQUIRED. COORDINATE WITH DIVISION 27.		
	SPEAKER FOR PA SOUND SYSTEM. PROVIDE 3/4" CONDUIT FROM CUSTOM BACK BOX, PROVIDED BY DIVISION 27, TO ABOVE ACCESSIBLE CEILING, PROVIDE PULL STRING AND PLASTIC BUSHING ON END OF CONDUIT.	WALL	144", UNO
	HORN TYPE SPEAKER PROVIDED BY DIVISION 28. PROVIDE 1-GANG, 3.5" DEEP BOX WITH 1-GANG EXTENSION RING. PROVIDE 3/4" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING. PROVIDE PLASTIC BUSHING ON END OF CONDUIT.		
	SOUND SYSTEM SPEAKER. PROVIDE ROUGH-IN AS REQUIRED FOR INSTALLATION. COORDINATE WORK WITH DIVISION 28.	VARIES	SEE PLANS
	CALL-IN SWITCH FOR PA SYSTEM. PROVIDE 1-GANG, 3.5" DEEP BOX WITH 1-GANG EXTENSION RING. PROVIDE 3/4" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING. PROVIDE PLASTIC BUSHING ON END OF CONDUIT.	WALL	44"
	VOLUME CONTROL FOR PA SYSTEM. PROVIDE 1-GANG, 3.5" DEEP BOX WITH 1-GANG EXTENSION RING. PROVIDE 3/4" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING. PROVIDE PLASTIC BUSHING ON END OF CONDUIT.		
	ADMINISTRATIVE CONSOLE FOR PA SYSTEM. PROVIDE BACK BOX AND PATHWAY AS REQUIRED FOR INSTALLATION. COORDINATE WITH DIVISION 28.	VARIES	SEE PLANS

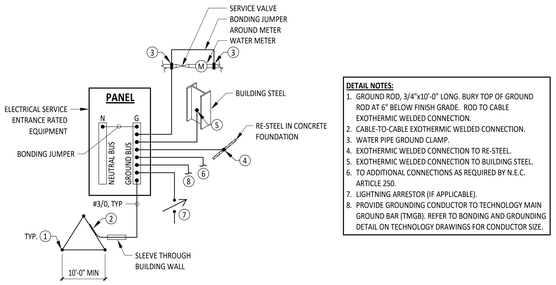
NOTE: ALL SYMBOLS OR ABBREVIATIONS MAY NOT BE USED FOR THIS PROJECT AND ARE SUBJECT TO CHANGE ON OTHER DRAWINGS.



NOTES:

1. 12 AWG IS MIN. CONDUCTOR SIZE, EXCEPT AS NOTED.
2. 1/2" CONDUIT IS MIN. SIZE, EXCEPT A

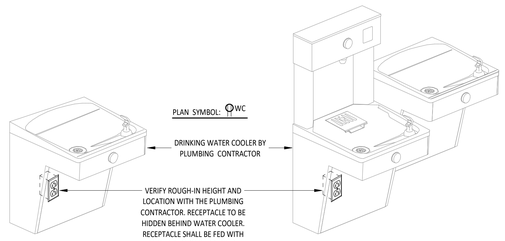
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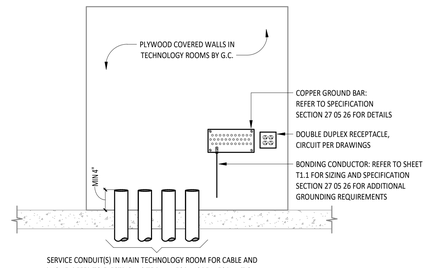
DETAIL NOTES:

1. GROUND ROD, 3/4"x10'-0" LONG. BURY TOP OF GROUND ROD AT 6" BELOW FINISH GRADE. ROD TO CABLE EXOTHERMIC WELDED CONNECTION.
2. CABLE-TO-CABLE EXOTHERMIC WELDED CONNECTION.
3. WATER PIPE GROUND CLAMP.
4. EXOTHERMIC WELDED CONNECTION TO RE-STEEL.
5. EXOTHERMIC WELDED CONNECTION TO BUILDING STEEL.
6. TO ADDITIONAL CONNECTIONS AS REQUIRED BY N.E.C. ARTICLE 250.
7. LIGHTNING ARRESTOR (IF APPLICABLE).
8. PROVIDE GROUNDING CONDUCTOR TO TECHNOLOGY MAIN GROUND BAR (TMGB). REFER TO BONDING AND GROUNDING DETAIL ON TECHNOLOGY DRAWINGS FOR CONDUCTOR SIZE.

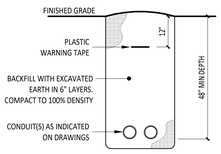
1 E1.2 SERVICE GROUNDING ELECTRODE SYSTEM
NTS



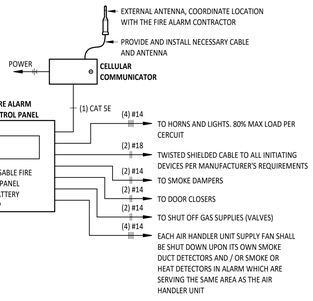
2 E1.2 WATER COOLER RECEPTACLE DETAIL
NTS



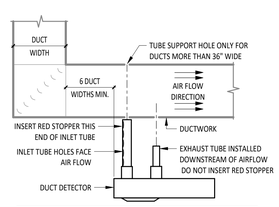
3 E1.2 TECHNOLOGY SERVICE ENTRANCE CONDUIT(S)
NTS



4 E1.2 CONDUIT TRENCH DETAIL
NTS



5 E1.2 FIRE ALARM RISER DIAGRAM - CELLULAR COMMUNICATOR
NTS



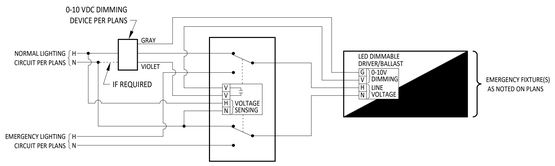
GENERAL NOTES:

A. MOUNTINGS SHOWN ARE TYPICAL. DETECTORS CAN BE INSTALLED SIDE, BOTTOM OR TOP OF DUCT AS LONG AS PROPER TUBE OPERATION AND FLOW/PRESSURE PERFORMANCE IS MAINTAINED.
B. DUCT DETECTOR SHALL, WHEN POSSIBLE, BE LOCATED A MINIMUM OF SIX DUCT WIDTHS DOWNSTREAM FROM A SOURCE OF TURBULENCE (BENDS, INLETS, OR DEFLECTION PLATES).

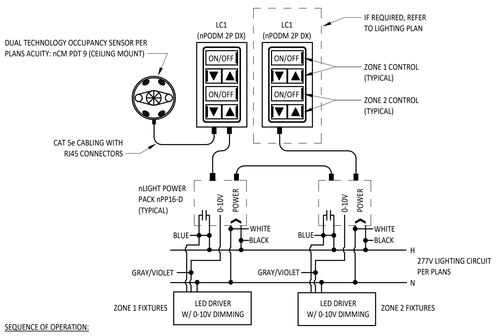
6 E1.2 DUCT DETECTOR DETAIL
NTS

OPERATION:

- ALL SWITCHING SHALL BE ON THE NORMAL CIRCUIT PRIOR TO THE GENERATOR TRANSFER DEVICE. ALL EMERGENCY LIGHTS SHALL RETURN TO FULL BRIGHTNESS WHEN LOSS OF NORMAL POWER IS DETECTED.
- WIRE PER MANUFACTUER'S WRITTEN INSTRUCTIONS.



7 E1.2 LIGHTING CONTROL SCHEMATIC - GENERATOR TRANSFER DEVICE
NTS



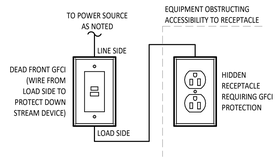
SEQUENCE OF OPERATION:

- WHEN OCCUPANT SELECTS THE "ON" MODE FROM THE ROOM CONTROLLER 'LC1', THE CONTROLLER SHALL TURN ON CORRESPONDING LIGHTS AT 100% LIGHT LEVEL.
- WHEN OCCUPANT SELECTS THE "OFF" MODE FROM THE ROOM CONTROLLER 'LC1', THE CONTROLLER SHALL TURN OFF CORRESPONDING LIGHTS IN THE ROOM.
- WHEN OCCUPANT SELECTS THE UP OR DOWN ARROW FROM THE ROOM CONTROLLER 'LC1', THE CORRESPONDING LIGHTS IN THE ROOM SHALL DIM OR BRIGHTEN ACCORDINGLY.
- OCCUPANCY SENSORS ARE TO HAVE CONTROL OF ALL LIGHTING. LIGHTS SHALL TURN OFF ONLY WHEN OCCUPANCY SENSOR(S) DETECT NO OCCUPANCY. (VACANCY MODE)

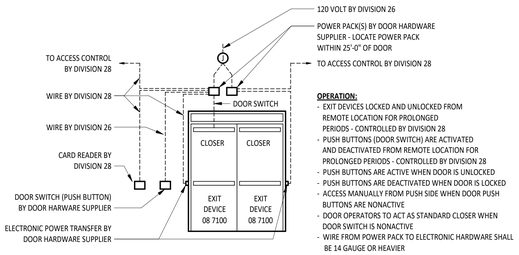
NOTES:

- ACCEPTABLE MANUFACTURERS - ACUITY (BASIS OF DESIGN), WATTSTOPPER, HUBBELL
- ALL WIRING SHALL BE DONE ACCORDING TO MANUFACTUER'S WRITTEN INSTRUCTIONS

8 E1.2 WIRING DIAGRAM - nLIGHT 2-ZONE CLASSROOM
NTS



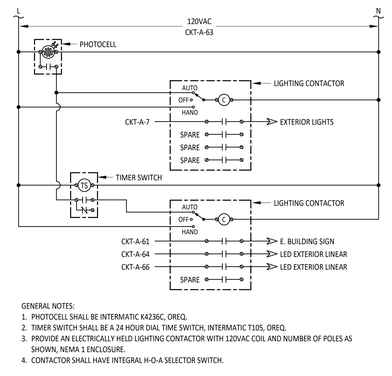
9 E1.2 DEAD FRONT GFCI DETAIL
NTS



OPERATION:

- EXIT DEVICES LOCKED AND UNLOCKED FROM REMOTE LOCATION FOR PROLONGED PERIODS - CONTROLLED BY DIVISION 28
- PUSH BUTTONS (DOOR SWITCH) ARE ACTIVATED AND DEACTIVATED FROM REMOTE LOCATION FOR PROLONGED PERIODS - CONTROLLED BY DIVISION 28
- PUSH BUTTONS ARE ACTIVE WHEN DOOR IS UNLOCKED
- PUSH BUTTONS ARE DEACTIVATED WHEN DOOR IS LOCKED
- ACCESS MANUALLY FROM PUSH SIDE WHEN DOOR PUSH BUTTONS ARE NONACTIVE
- DOOR OPERATORS TO ACT AS STANDARD CLOSER WHEN DOOR SWITCH IS NONACTIVE
- WIRE FROM POWER PACK TO ELECTRONIC HARDWARE SHALL BE 14 GAUGE OR HEAVIER

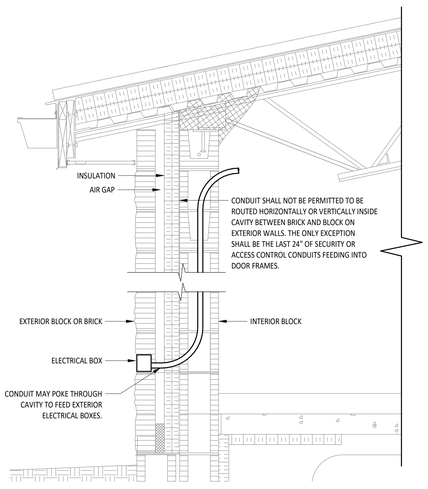
10 E1.2 ACCESS CONTROL SYSTEM SCHEMATIC WIRE DIAGRAM - DUAL DOOR WITH ADO
NTS



GENERAL NOTES:

1. PHOTOCELL SHALL BE INTERMATIC K4236C, OREQ.
2. TIMER SWITCH SHALL BE A 24 HOUR DIAL TIME SWITCH, INTERMATIC T105, OREQ.
3. PROVIDE AN ELECTRICALLY HELD LIGHTING CONTACTOR WITH 120VAC COIL AND NUMBER OF POLES AS SHOWN, NEMA 1 ENCLOSURE.
4. CONTACTOR SHALL HAVE INTEGRAL H-O-A SELECTOR SWITCH.

11 E1.2 EXTERIOR LIGHTING CONTROL DIAGRAM
NTS



13 E1.2 TYPICAL EXTERIOR WALL CAVITY
NTS

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MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

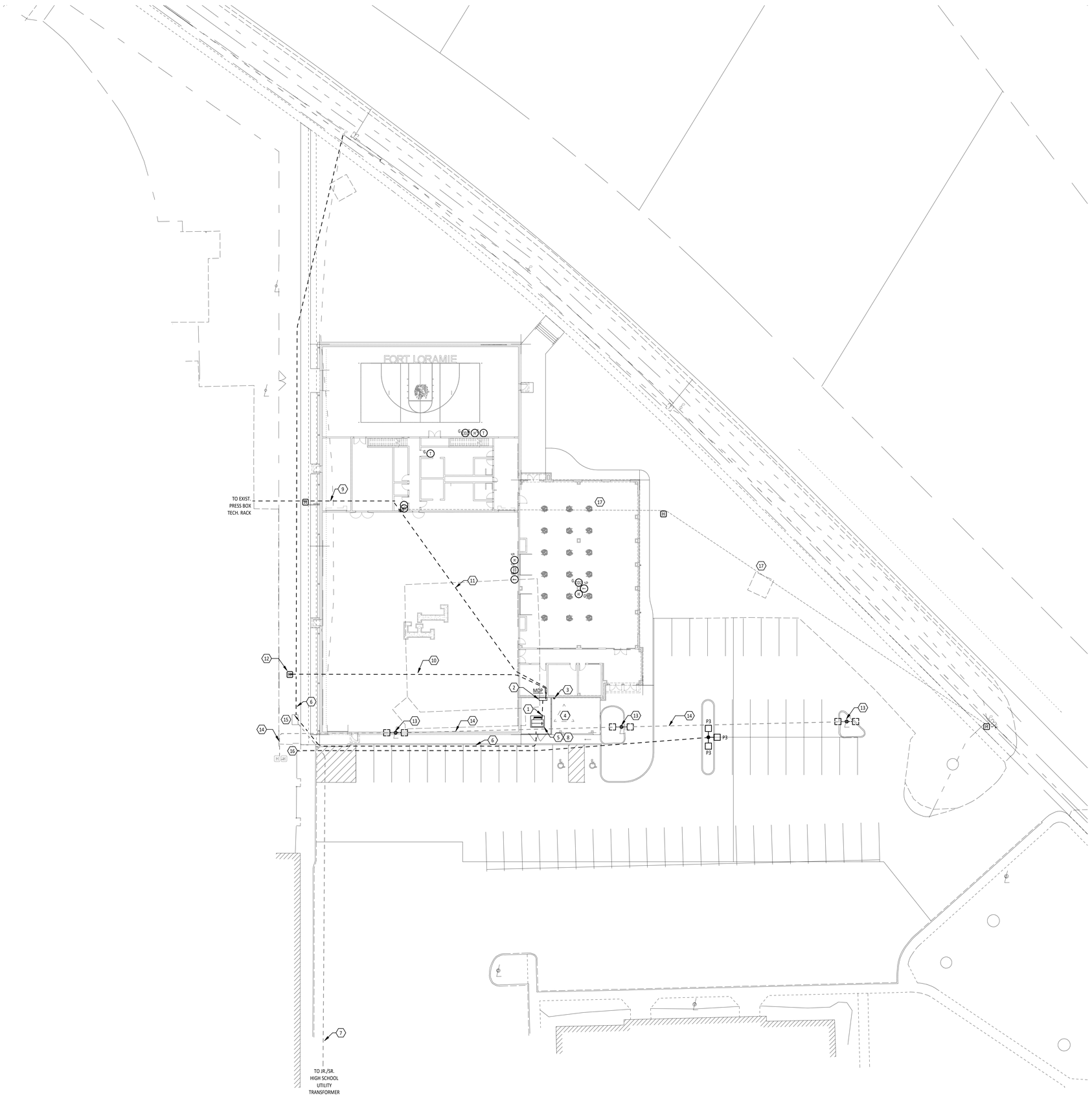
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
ELECTRICAL DETAILS

SHEET NUMBER:
E1.2

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1 E2.1 SITE ELECTRICAL PLAN
1" = 20'-0"

UTILITY COMPANY CONTACT

AES
LUIS PEREZ DESIGN TECHNICIAN
ijus.lperez@aes.com

ELECTRICAL SITE GENERAL NOTES

A SEE CIVIL SITE PLAN, AND LANDSCAPE SITE PLANS FOR EXACT LOCATION OF OTHER UTILITIES. INSTALLATION OF ELECTRICAL WORK SHALL BE COORDINATED WITH THE OTHER TRADES.
B ELECTRICAL UTILITY SERVICE CONDUITS TO BE MINIMUM OF 48" BELOW GRADE TO TOP OF CONDUITS.
C PROVIDE PULL WIRES IN ALL EMPTY CONDUITS.
D ALL UNDERGROUND CONDUIT SHALL BE 1" SCHEDULE 40 PVC, UNLESS NOTED OTHERWISE.
E COORDINATE CONSTRUCTION WITH THE ELECTRIC UTILITY COMPANY.
F PROVIDE IDENTIFICATION LABEL FOR EACH POLE LIGHT.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	UNDERGROUND FEEDER FROM SECONDARY OF UTILITY COMPANY TRANSFORMER TO MAIN SWITCHBOARD VIA CT CABINET. REFERENCE ONE-LINE DIAGRAM FOR FEEDER INFORMATION.
2	PROVIDE CT CABINET. COORDINATE REQUIREMENTS WITH UTILITY COMPANY.
3	PROVIDE METER SOCKET. COORDINATE REQUIREMENTS AND LOCATION WITH UTILITY COMPANY.
4	GROUNDING GRID. REFERENCE GROUNDING DETAIL FOR ADDITIONAL INFORMATION. COORDINATE LOCATION WITH OTHER EQUIPMENT IN AREA.
5	NEW UTILITY COMPANY PAD MOUNTED TRANSFORMER. TRANSFORMER FURNISHED AND INSTALLED BY UTILITY COMPANY. CONCRETE PAD PROVIDED BY ELECTRICAL CONTRACTOR. COORDINATE ALL WORK WITH UTILITY COMPANY.
6	UNDERGROUND PRIMARY SERVICE CONDUITS. PROVIDE TWO (2) 5" PVC SCHEDULE 40 CONDUITS WITH PULL ROPE APPROX. 48" BELOW FINISHED GRADE. CONDUCTORS PROVIDED BY UTILITY COMPANY. COORDINATE WORK WITH UTILITY COMPANY PRIOR TO START OF WORK.
7	EXISTING UNDERGROUND SERVICE CONDUCTORS (SERVING THE JR./SR. HIGH SCHOOL) RE-ROUTED TO THE NEW 'LBC' CABINET BY UTILITY COMPANY.
8	PROVIDE 8" THICK CONCRETE PAD FOR UTILITY TRANSFORMER. PROVIDE #4 REBAR (12" ON CENTER HATCH PATTERN). COORDINATE PAD REQUIREMENTS WITH UTILITY COMPANY.
9	PROVIDE TWO (2) 3" UNDERGROUND CONDUITS WITH PULL WIRE FOR TECHNOLOGY CABLING, GROUNDING, AND FUTURE TECHNOLOGY PATHWAYS. CONDUITS TO EXTEND TO TECHNOLOGY CLOSET AND STUB UP 1'-0" AFF IN TECHNOLOGY ROOM. COORDINATE EXACT STUB UP LOCATIONS WITH TECHNOLOGY CONTRACTOR PRIOR TO INSTALLATION. REFER TO DETAIL 3/E1.2 FOR ADDITIONAL INFORMATION.
10	PROVIDE ONE (1) 2-1/2" UNDERGROUND CONDUIT WITH PULL STRING FROM MDP TO HAND HOLE FOR FUTURE POWER TO PRESS BOX.
11	PROVIDE (1)1-1/2" UNDERGROUND CONDUIT WITH #300 KCMIL AWG COPPER GROUND WIRE FROM SERVICE GROUND TO TECHNOLOGY ROOM GROUND BAR.
12	PROVIDE 24" X 24" X 24" FLUSH IN GRADE PULL BOX WITH TIER 15 LID. QUAZITE 'PG' STYLE OR EQUAL.
13	EXISTING LIGHTS, POLE AND CONCRETE BASE TO BE REMOVED. TURN LIGHTS OVER TO OWNER.
14	REMOVE EXISTING UNDERGROUND SITE LIGHTING CONDUCTORS BACK TO EXISTING PULL BOX.
15	PROPOSED LOCATION FOR 'LBC' CABINET PROVIDED BY UTILITY COMPANY.
16	PROVIDE 2-#8 AWG CU, 1-#10 AWG CU GND. IN UNDERGROUND CONDUIT. CONNECT TO EXISTING POLE LIGHT CIRCUIT MADE AVAILABLE DURING DEMOLITION IN FLUSH IN GRADE POLE BOX.
17	PROVIDE TWO (2) 3" UNDERGROUND CONDUITS WITH PULL WIRE FOR TECHNOLOGY CABLING. CONDUITS TO EXTEND TO TECHNOLOGY CLOSET AND STUB UP 1'-0" AFF IN TECHNOLOGY ROOM. COORDINATE EXACT STUB UP LOCATIONS WITH TECHNOLOGY CONTRACTOR PRIOR TO INSTALLATION. REFER TO DETAIL 3/E1.2 FOR ADDITIONAL INFORMATION.

Know what's below. Call before you dig.

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MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

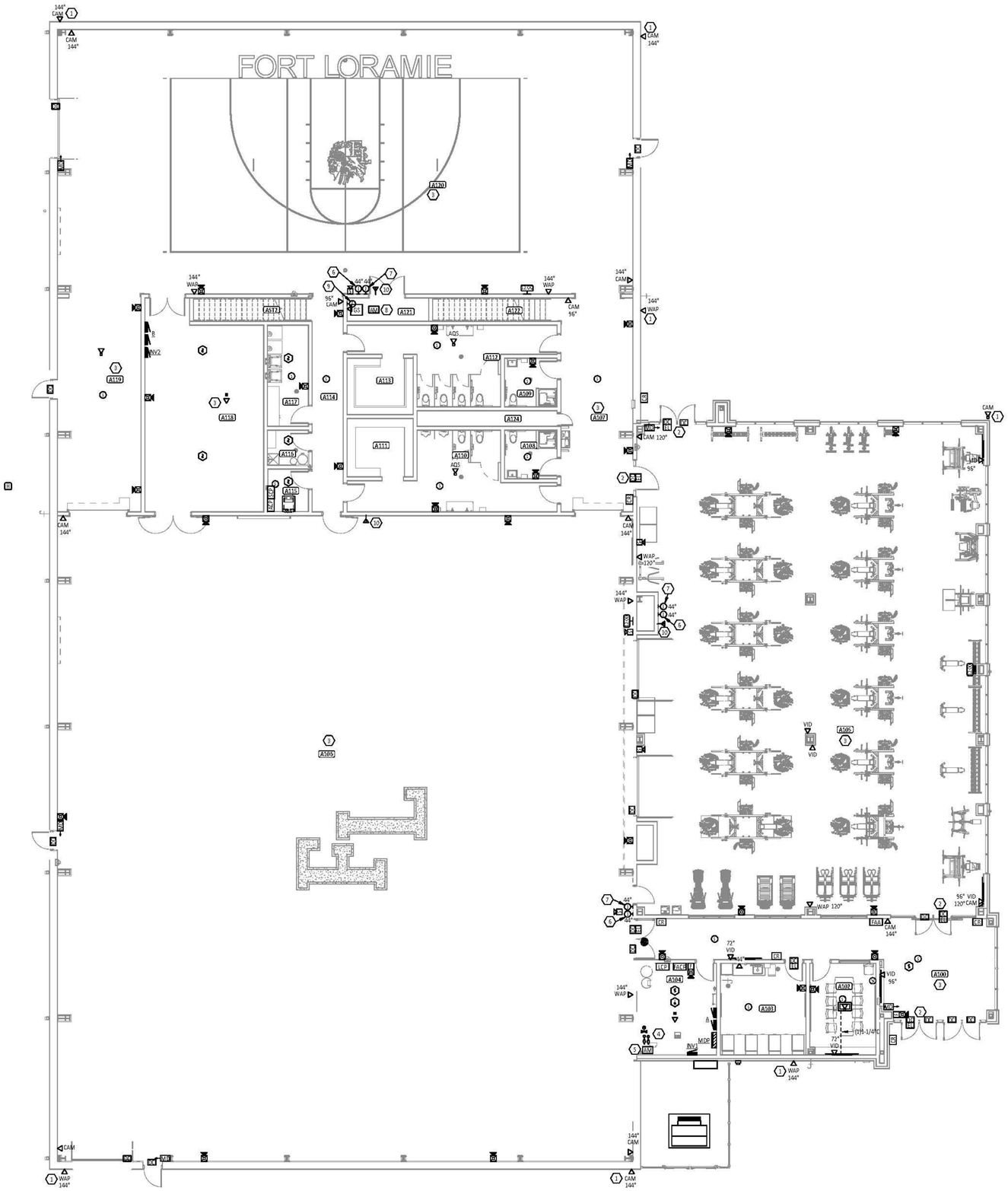
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
SITE ELECTRICAL PLAN

SHEET NUMBER:
E2.1

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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	329 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECHANICAL / ELECTRICAL ROOM	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	FAMILY RESTROOM / SHOWER	74 SF
A109	FAMILY RESTROOM / SHOWER	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	307 SF
A113	WOMENS CHANGING ROOM	111 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL CLOSET	42 SF
A117	LAUNDRY ROOM	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF

SYSTEMS GENERAL NOTES

A. WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE; REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.

B. ALL LOW VOLTAGE CABLING FOR THE SCOPE OF WORK BY DIVISION 26, 27, AND 28 IN EXPOSED CEILING SPACES SHALL BE ROUTED INSIDE CONDUIT. COORDINATE WITH INSTALLER OF EACH SYSTEM PRIOR TO ROUGH-IN. PAINT CONDUIT TO MATCH SURROUNDING AREA.

C. CONDUIT IN EXPOSED CEILING SPACES SHALL BE CONCEALED INSIDE WALLS. EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN JOIST SPACE NEAR ROOF.

D. ALL CONDUIT ENDS FOR CABLING NOT CONNECTED TO A BOX OR FITTING SHALL BE PROVIDED WITH NYLON BUSHINGS TO PROTECT CABLING FROM DAMAGE.

E. ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	PROVIDE SINGLE GANG, FLUSH MOUNTED JUNCTION BOX ON EXTERIOR OF BUILDING WITH 1" CONDUIT STUBBED TO INSIDE. MOUNT THE BOX AND CABLE SLEEVE ABOVE THE CEILING FOR EXTERIOR CAMERA/WAP. PROVIDE PLASTIC BUSHING ON END OF CONDUIT AND WEATHERPROOF BLANK COVER FOR EXTERIOR BOX. REFERENCE TECHNOLOGY DRAWINGS FOR MORE DETAILS. COORDINATE WORK WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
2	DOOR PROVIDED WITH ELECTRIC STRIKE AND POWER PACK BY DOOR HARDWARE SUPPLIER. DIVISION 26 TO PROVIDE POWER TO POWER PACK ABOVE CEILING, BACK BOXES, RACEWAYS, BUSHINGS AND PULL STRINGS FOR CABLING FROM ABOVE CEILING/POWER PACK TO ELECTRIC STRKE IN DOOR FRAME. CABLING BY SECURITY/ACCESS CONTROL CONTRACTOR. COORDINATE WORK WITH DOOR HARDWARE INSTALLER AND SECURITY/ACCESS CONTROL CONTRACTOR. REFERENCE ES SHEETS FOR 120-VOLT POWER REQUIREMENTS.
3	PROVIDE PATHWAYS FOR DIVISION 26, 27, & 28 LOW VOLTAGE CABLING IN EXPOSED CEILING SPACE. LOW VOLTAGE AND SYSTEM CABLING SHALL BE ROUTED INSIDE CONDUIT WITH NO EXPOSED CABLING. REFER TO SPECIFICATIONS AND "TC" DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE WITH INSTALLER OF EACH SYSTEM PRIOR TO ROUGH-IN.
4	TAMPER SWITCHES AND FLOW SWITCHES PROVIDED BY SPRINKLER CONTRACTOR. PROVIDE FIRE ALARM CONNECTIONS AS REQUIRED TO MONITOR VALVES AND SWITCHES. REFERENCE WATER MAIN DETAIL ON SHEET FP-1. COORDINATE WITH DIVISION 21 PRIOR TO INSTALLATION.
5	PROVIDE ONE FIRE ALARM ADDRESSABLE MODULE FOR EACH OF THE WATER MAIN RISERS. REFERENCE WATER MAIN DETAIL ON SHEET FP-1. COORDINATE WITH DIVISION 21 PRIOR TO INSTALLATION.
6	PROVIDE 1-GANG JUNCTION BOX AT HEIGHT NOTED FOR SOUND SYSTEM DEVICE. COORDINATE WITH SOUND SYSTEM INSTALLER.
7	PROVIDE 2-GANG JUNCTION BOX AT HEIGHT NOTED FOR SOUND SYSTEM DEVICE. COORDINATE WITH SOUND SYSTEM INSTALLER.
8	PROVIDE ADDRESSABLE MODULE/RELAY FOR AUTO-MUTE OF SOUND SYSTEM.
9	PROVIDE FLUSH MOUNT BACK BOX AND RACEWAY FOR SOUND SYSTEM, COORDINATE WITH SOUND SYSTEM INSTALLER PRIOR TO INSTALLATION.
10	ROUGH-IN FOR WIRELESS MICROPHONE SYSTEM ANTENNAS, COORDINATE REQUIREMENT AND HEIGHT WITH SOUND SYSTEM INSTALLER.

1 E3.1 FIRST FLOOR SYSTEMS PLAN
1/8" = 1'-0"

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
GMPLANS.COM

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING
600 EAST ANN STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SM	HP

SHEET TITLE:
FIRST FLOOR SYSTEMS PLAN

SHEET NUMBER:
E3.1

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1 E3.2 **SECOND FLOOR SYSTEMS PLAN**
1/8" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A201	MEZZANINE	3,103 SF
A202	GOLF SIMULATOR	372 SF
A203	STORAGE	202 SF

SYSTEMS GENERAL NOTES

A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE; REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.

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C CONDUIT IN EXPOSED CEILING SPACES SHALL BE CONCEALED INSIDE WALLS. EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN JOIST SPACE NEAR ROOF.

D ALL CONDUIT ENDS FOR CABLING NOT CONNECTED TO A BOX OR FITTING SHALL BE PROVIDED WITH NYLON BUSHINGS TO PROTECT CABLING FROM DAMAGE.

E ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	PROVIDE AND INSTALL DUCT MOUNTED SMOKE DETECTOR(S) IN RETURN AIR OF MECHANICAL UNIT. COORDINATE LOCATION AND QUANTITY WITH DUCT SIZE. REFERENCE DETAIL 6/E1.2. PROVIDE A REMOTE STATUS INDICATOR IN VISIBLE LOCATION IN WEIGHT ROOM A105 BELOW. COORDINATE WITH DIVISION 23.
2	PROVIDE 6" X 6" X 4" DEEP JUNCTION BOX (16" AFF) FLUSH IN WALL WITH FLUSH COVER. PROVIDE ONE (1) 1-1/2" AND ONE (1) 3/4" CONDUIT FROM WALL BOX TO ABOVE ACCESSIBLE CEILING.
3	PROVIDE PATHWAYS FOR DIVISION 26, 27, & 28 LOW VOLTAGE CABLING IN EXPOSED CEILING SPACE. LOW VOLTAGE AND SYSTEM CABLING SHALL BE ROUTED INSIDE CONDUIT WITH NO EXPOSED CABLING. REFER TO SPECIFICATIONS AND 'TC' DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE WITH INSTALLER OF EACH SYSTEM PRIOR TO ROUGH-IN.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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NEW BUILDING FOR:
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

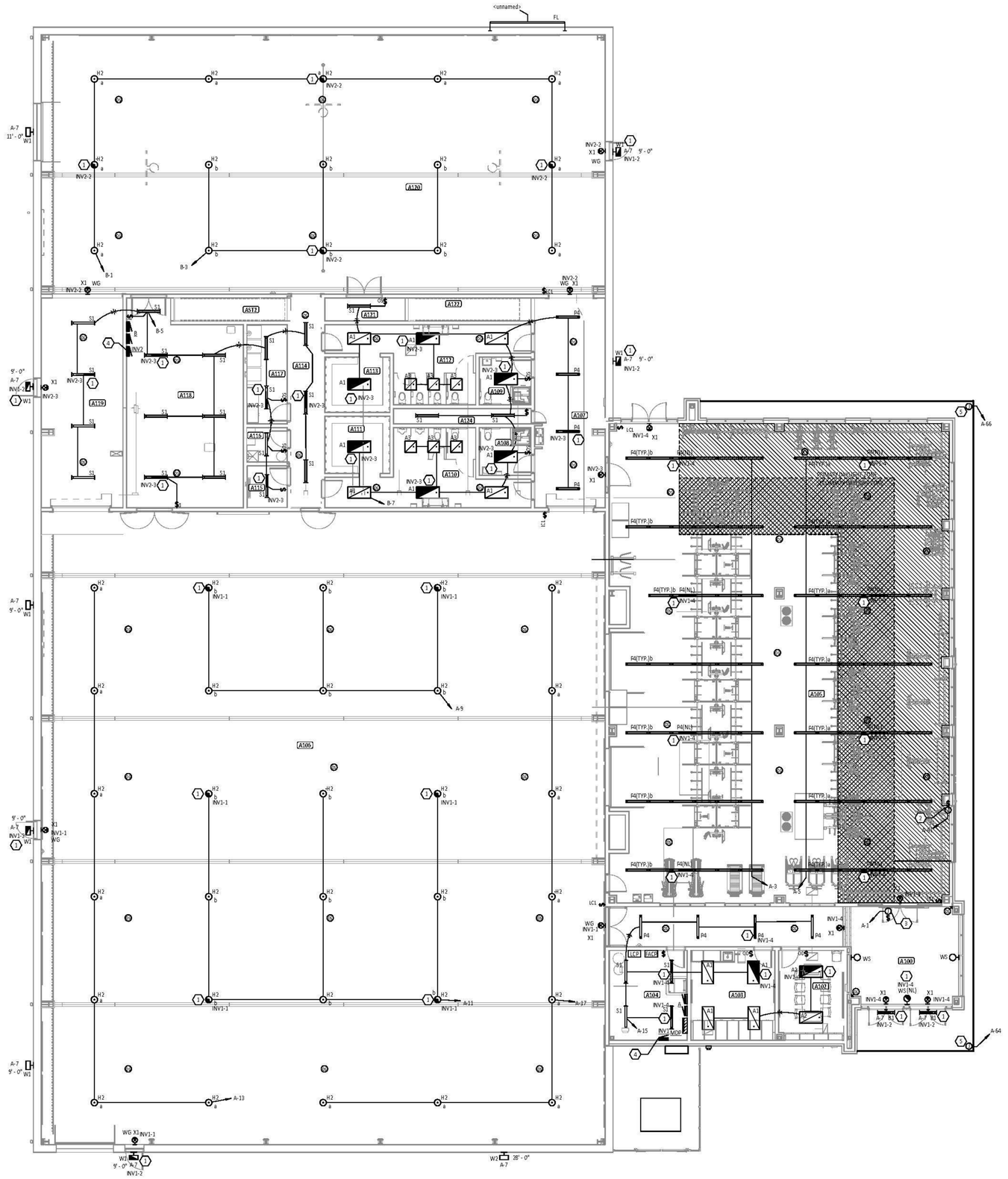
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SHEET TITLE:
SECOND FLOOR SYSTEMS PLAN

SHEET NUMBER:
E3.2

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1 E4.1 **FIRST FLOOR LIGHTING PLAN**
1/8" = 1'-0"

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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	329 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECHANICAL / ELECTRICAL ROOM	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE athletic ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	FAMILY RESTROOM / SHOWER	74 SF
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A117	LAUNDRY ROOM	122 SF
A118	STORAGE ROOM	685 SF
A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF

LIGHTING GENERAL NOTES

A. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS ON THE A7 SERIES DRAWINGS FOR ADDITIONAL INFORMATION AND EXACT LOCATION OF LUMINAIRES.

B. VERIFY EXACT LOCATION OF ALL LIGHT SWITCHES AND CONTROLS DEVICES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.

C. WHERE MULTIPLE SWITCHES ARE GROUPED TOGETHER AT A SINGLE LOCATION, ALL SWITCHES SHALL BE INSTALLED UNDER A COMMON FACEPLATE.

D. CIRCUIT ALL EMERGENCY LIGHTS, NIGHT LIGHTS (IF APPLICABLE) AND EXIT LIGHTS TO AN UNSWITCHED HOT CONDUCTOR, UPSTREAM OF ALL CONTROLS.

E. REFER TO SHEET E7.1 FOR LUMINAIRE SCHEDULE AND ADDITIONAL INFORMATION.

F. ALL LIGHTING CONTROL DEVICES, RELAYS, ETC. ABOVE LAY-IN CEILINGS SHALL BE MARKED WITH A BLACK 3/4" DIAMETER, PRESSURE-SENSITIVE ADHESIVE PAPER CIRCLE.

G. ALL MOUNTING HEIGHTS REFER TO BOTTOM OF LIGHT FIXTURE, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	CONTRACTOR SHALL PROVIDE EMERGENCY CIRCUIT INDICATED TO FIXTURE, EMERGENCY TRANSFER DEVICE AND ALL ASSOCIATED COMPONENTS NECESSARY FOR EMERGENCY LIGHT FIXTURE AS SHOWN IN DETAIL 7/E1.2.
2	PROVIDE POWER FOR FACE LIT EXTERIOR BUILDING LETTERING. COORDINATE EXACT LOCATION WITH LETTERING INSTALLER PRIOR TO ROUGH-IN. PROVIDE (4) LOW VOLTAGE WIRING CONNECTIONS FROM THE INDIVIDUAL LIGHTED LETTERS TO THE LED DRIVER SUPPLIED WITH THE LETTERING. PROVIDE 18" X 18" X 6" JUNCTION BOX TO HOUSE THE LED DRIVER(S). MAKE ALL NECESSARY CONNECTIONS.
3	PROVIDE POWER FOR SCHOOL MASCOT SIGN. COORDINATE EXACT LOCATION WITH SIGN INSTALLER PRIOR TO ROUGH-IN. PROVIDE (4) LOW VOLTAGE WIRING CONNECTIONS FROM THE SIGN TO THE LED DRIVER SUPPLIED WITH THE SGN. PROVIDE 18" X 18" X 6" JUNCTION BOX TO HOUSE THE LED DRIVER(S). MAKE ALL NECESSARY CONNECTIONS.
4	PROVIDE EMERGENCY LIGHTING INVERTER (MYERS #1-EM-4-5-BA2006-T-M-2YW) TO PROVIDE POWER TO EMERGENCY LIGHTS.
5	PROVIDE NECESSARY CONNECTION TO LED EXTERIOR LIGHTING. CIRCUIT TO BE CONTROLLED BY LIGHTING CONTROL PANEL.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
660 EAST MAIN STREET, FORT LORAMIE, OHIO 45845

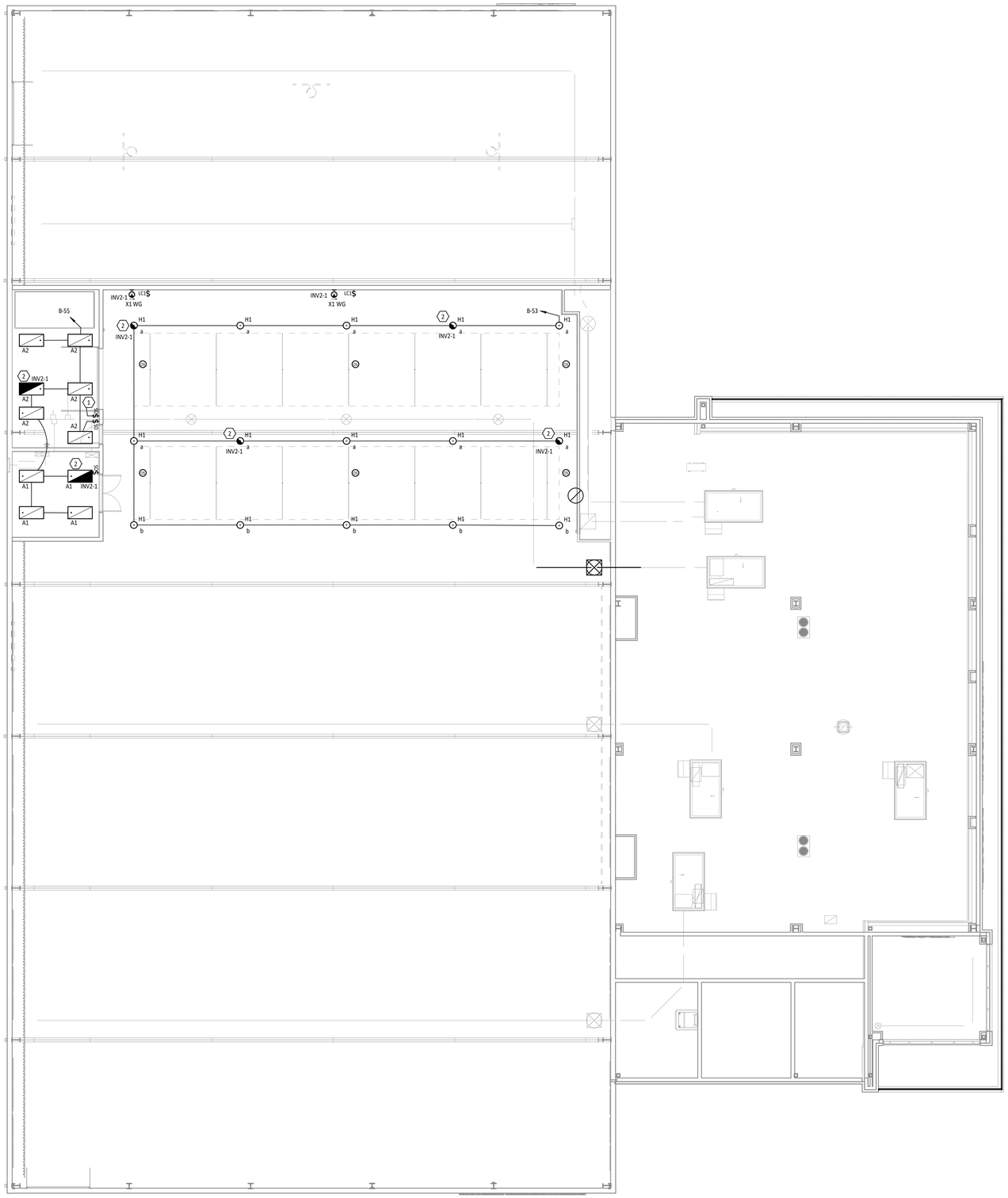
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CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SM	HP

SHEET TITLE:
FIRST FLOOR LIGHTING PLAN

SHEET NUMBER:
E4.1

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1 E4.2 **SECOND FLOOR LIGHTING PLAN**
1/8" = 1'-0"

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SECOND FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A201	MEZZANINE	3,103 SF
A202	GOLF SIMULATOR	372 SF
A203	STORAGE	202 SF

LIGHTING GENERAL NOTES

A REFER TO ARCHITECTURAL REFLECTED CEILING PLANS ON THE A7 SERIES DRAWINGS FOR ADDITIONAL INFORMATION AND EXACT LOCATION OF LUMINAIRES.

B VERIFY EXACT LOCATION OF ALL LIGHT SWITCHES AND CONTROLS DEVICES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.

C WHERE MULTIPLE SWITCHES ARE GROUPED TOGETHER AT A SINGLE LOCATION, ALL SWITCHES SHALL BE INSTALLED UNDER A COMMON FACEPLATE.

D CIRCUIT ALL EMERGENCY LIGHTS, NIGHT LIGHTS (IF APPLICABLE) AND EXIT LIGHTS TO AN UNSWITCHED HOT CONDUCTOR, UPSTREAM OF ALL CONTROLS.

E REFER TO SHEET E7.1 FOR LUMINAIRE SCHEDULE AND ADDITIONAL INFORMATION.

F ALL LIGHTING CONTROL DEVICES, RELAYS, ETC. ABOVE LAY-IN CEILINGS SHALL BE MARKED WITH A BLACK 3/4" DIAMETER, PRESSURE-SENSITIVE ADHESIVE PAPER CIRCLE.

G ALL MOUNTING HEIGHTS REFER TO BOTTOM OF LIGHT FIXTURE, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	REFER TO SHEET E5.2 FOR CONTINUATION.
2	CONTRACTOR SHALL PROVIDE EMERGENCY CIRCUIT INDICATED TO FIXTURE, EMERGENCY TRANSFER DEVICE AND ALL ASSOCIATED COMPONENTS NECESSARY FOR EMERGENCY LIGHT FIXTURE AS SHOWN IN DETAIL 7/E1.2.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
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600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

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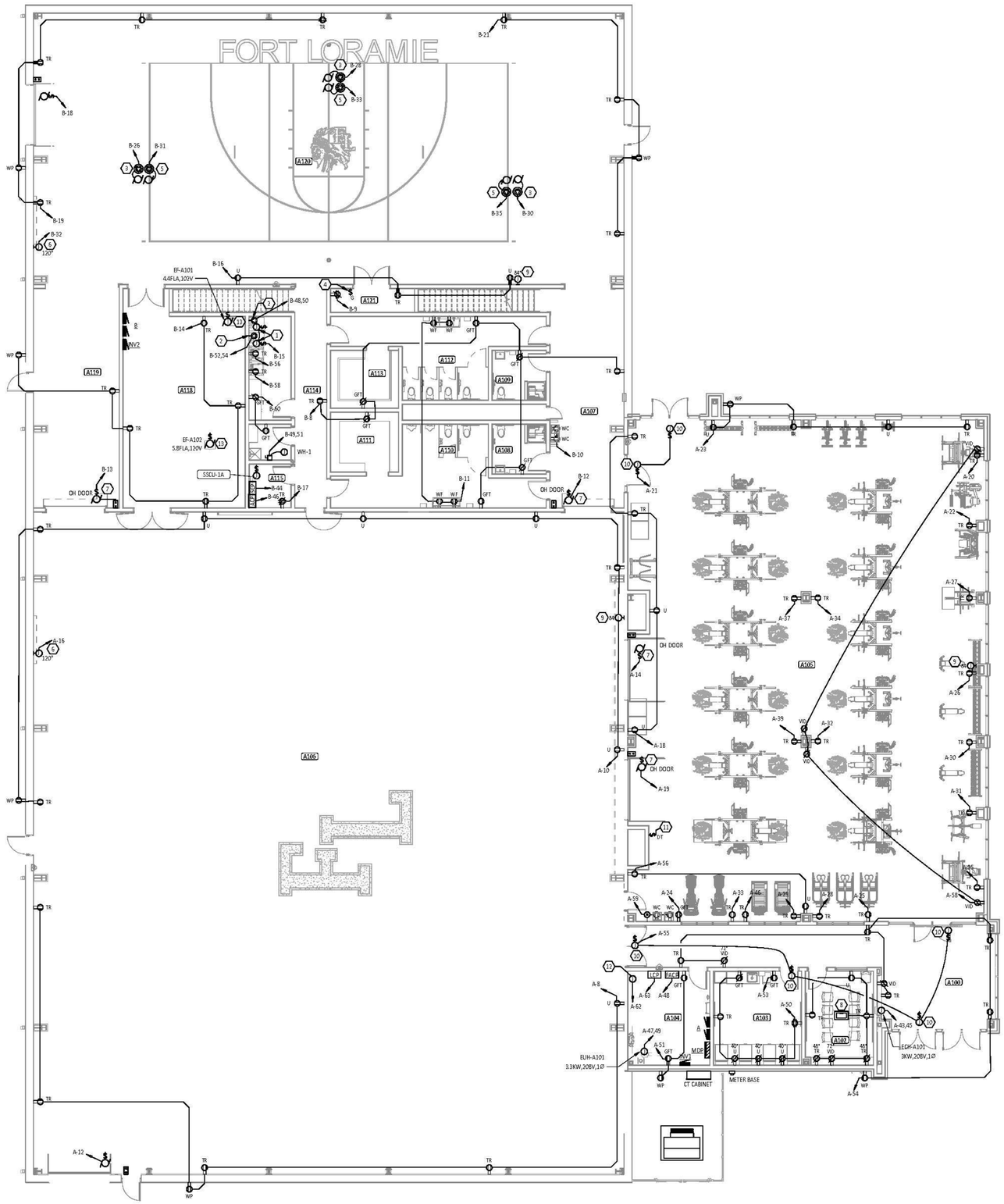
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
SECOND FLOOR LIGHTING PLAN

SHEET NUMBER:
E4.2

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1 E5.1 FIRST FLOOR POWER PLAN
1/8" = 1'-0"

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FIRST FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	329 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
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A117	LAUNDRY ROOM	122 SF
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A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF

POWER GENERAL NOTES

A. WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE; REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.

B. CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.

C. ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.

D. COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.

E. REFER TO MECHANICAL, PLUMBING, AND OTHER APPLICABLE DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.

F. MAINTAIN ALL FIRE RATINGS WHERE CONDUIT PENETRATES WALL, CEILINGS, AND FLOORS WITH ONLY U.L. LISTED FIRE ASSEMBLIES.

G. ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	DRYER BOOSTER FAN MOUNTED ABOVE CEILING BY MECHANICAL CONTRACTOR. E.C. TO PROVIDE DISCONNECT SWITCH AND NECESSARY ELECTRICAL CONNECTIONS. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
2	RECEPTACLE FOR DRYER. PROVIDE A 30A, 120/208V, 1Ø RECEPTACLE NEMA 14-30R OR OTHER AS REQUIRED BY MANUFACTURER. COORDINATE WITH OWNER. MOUNT AT 16" AFF.
3	BASKETBALL BACKBOARD UP/DOWN SPECIAL RECEPTACLE, PLUG AND COVER PLATE FOR GYM EQUIPMENT FURNISHED BY ATHLETIC EQUIPMENT SUPPLIER, INSTALLED BY DIVISION 26. PROVIDE 4" SQUARE BOX FOR RECEPTACLE WITH IN 36" OF EQUIPMENT MOTOR. PROVIDE CONDUIT AND WIRE AS NECESSARY TO EACH GYM EQUIPMENT DEVICE SHOWN ON PLANS. COORDINATE BACK BOX WITH EQUIPMENT SUPPLIER. EACH EQUIPMENT MOTOR TO BE CONTROLLED (UP/DOWN) BY A SWITCH LOCATED IN STORAGE ROOM A121.
4	PROVIDE SIX (6EA) SWITCHES IN THIS LOCATION TO CONTROL EACH GYM CONTROL MOTOR/RECEPTACLE. CLEARLY LABEL EACH SWITCH CONTROL FUNCTION. INSTALL THREE (3) AT 44" AFF. (BACKBOARD UP/DOWN) AND THREE (3) AT 52" AFF. (HEIGHT ADJUST UP/DOWN).
5	BASKETBALL BACKBOARD HEIGHT ADJUST SPECIAL RECEPTACLE, PLUG AND COVER PLATE FOR GYM EQUIPMENT FURNISHED BY ATHLETIC EQUIPMENT SUPPLIER, INSTALLED BY DIVISION 26. PROVIDE 4" SQUARE BOX FOR RECEPTACLE WITHIN 36" OF EQUIPMENT MOTOR. PROVIDE CONDUIT AND WIRE AS NECESSARY TO EACH GYM EQUIPMENT DEVICE SHOWN ON PLANS. COORDINATE BACK BOX WITH EQUIPMENT SUPPLIER. EACH EQUIPMENT MOTOR TO BE CONTROLLED (UP/DOWN) BY A SWITCH LOCATED IN STORAGE ROOM A121.
6	COORDINATE EXACT LOCATION FOR SCOREBOARD POWER JUNCTION BOX WITH SCOREBOARD INSTALLER PRIOR TO ROUGH-IN.
7	PROVIDE ALL POWER CONNECTIONS NECESSARY TO MOTORIZED DOOR AND ASSOCIATED SWITCHING. E.C. TO INSTALL SWITCH FURNISHED BY G.C. COORDINATE WORK WITH DOOR SUPPLIER PRIOR TO ROUGH-IN.
8	FLOOR BOX TO CONTAIN TWO DUPLEX RECEPTACLES AND ONE TPC DATA OUTLET FOR COMPUTER(S). PROVIDE A BOX EQUAL TO THE WIREMOLD RFB4-SS SERIES FLOOR BOX. PROVIDE THE PROPER COVER FOR THE ASSOCIATED ROOM FLOOR TYPE.
9	PROVIDE CIRCUIT AND ELECTRICAL CONNECTIONS TO DIGITAL CLOCK. MOUNT SINGLE GANG JUNCTION BOX AT 84" AFF. COORDINATE LOCATION WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
10	PROVIDE POWER CONNECTION ABOVE CEILING FOR ELECTRIC STRIKE POWER PACK(S), TRANSFORMER(S) AND ACCESS CONTROL PANEL(S). REFER TO E3 SHEETS FOR EXACT QUANTITIES.
11	PROVIDE DIGITAL TIMER SWITCH RATED FOR LOAD TO CONTROL EF-A201 ON ROOF. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
12	PROVIDE CIRCUIT AND NECESSARY CONNECTIONS FOR HVAC POWER SUPPLY, 120V, 4.7 AMPS. COORDINATE LOCATION AND WORK WITH MECHANICAL CONTRACTOR.
13	EXHAUST FAN CONTROLLED BY REST ROOM LIGHTS.

STATE OF OHIO
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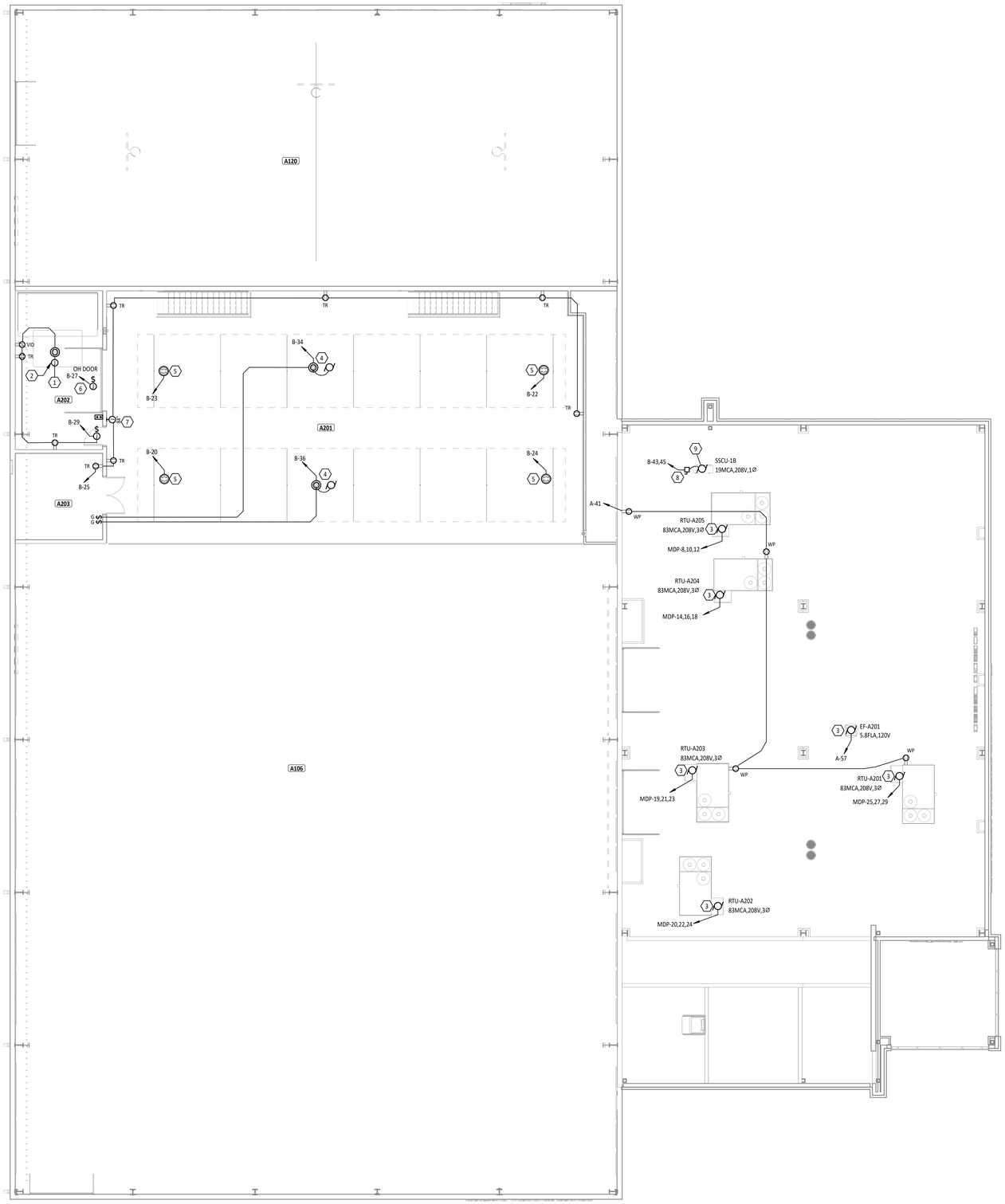
SHEET TITLE:

FIRST FLOOR POWER PLAN

SHEET NUMBER:

E5.1

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1 E5.2 **SECOND FLOOR POWER PLAN**
1/8" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A201	MEZZANINE	3,103 SF
A202	GOLF SIMULATOR	372 SF
A203	STORAGE	202 SF

POWER GENERAL NOTES

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B CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.

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E REFER TO MECHANICAL, PLUMBING, AND OTHER APPLICABLE DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.

F MAINTAIN ALL FIRE RATINGS WHERE CONDUIT PENETRATES WALL, CEILINGS, AND FLOORS WITH ONLY U.L. LISTED FIRE ASSEMBLIES.

G ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	REFER TO SHEET E4.2 FOR CONTINUATION.
2	PROVIDE NECESSARY CONNECTIONS TO LIGHTING FURNISHED WITH GOLF EQUIPMENT. LIGHTING TO BE CONTROLLED BY OCCUPANCY SENSOR. REFER TO SHEET E4.2 FOR ADDITIONAL INFORMATION.
3	MECHANICAL UNIT HAS INTEGRATED DISCONNECT. PROVIDE ALL ELECTRICAL CONNECTIONS.
4	BATTING CAGE RAISE/LOWER SPECIAL RECEPTACLE, PLUG AND COVER PLATE FOR GYM EQUIPMENT FURNISHED BY ATHLETIC EQUIPMENT SUPPLIER, INSTALLED BY DIVISION 26. PROVIDE 4" SQUARE BOX FOR RECEPTACLE WITHIN 36" OF EQUIPMENT MOTOR. PROVIDE CONDUIT AND WIRE AS NECESSARY TO EACH GYM EQUIPMENT DEVICE SHOWN ON PLANS. COORDINATE BACK BOX WITH EQUIPMENT SUPPLIER. EACH EQUIPMENT MOTOR TO BE CONTROLLED (RAISE/LOWER) BY A SWITCH LOCATED IN STORAGE ROOM A203.
5	PROVIDE 4" POKE-THRU FLOOR BOX WITH TWO (2) TAMPER RESISTANT RECESSED RECEPTACLES, 2-HOUR FIRE RATING. POKE-THRU DEVICE SHALL BE LEGRAND EVOLUTION SERIES 4ATCP4R OR EQUAL. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
6	PROVIDE ALL POWER CONNECTIONS NECESSARY TO MOTORIZED DOOR AND ASSOCIATED SWITCHING. E.C. TO INSTALL SWITCH FURNISHED BY G.C. COORDINATE WORK WITH DOOR SUPPLIER PRIOR TO ROUGH-IN.
7	PROVIDE CIRCUIT AND ELECTRICAL CONNECTIONS TO DIGITAL CLOCK. MOUNT SINGLE GANG JUNCTION BOX AT 84" AFF. COORDINATE LOCATION WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
8	PROVIDE 30A, 208V, HEAVY DUTY, NON-FUSED DISCONNECT IN NEMA 3R ENCLOSURE.
9	MINI SPLIT A/C UNIT FOR ROOM A115. PROVIDE NECESSARY CONNECTIONS REQUIRED FOR UNIT. EXTEND POWER/CONTROL WIRING TO CONDENSING UNIT LOCATED IN ROOM A115. EXTEND CIRCUIT TO CONDENSATE PUMP. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
SECOND FLOOR POWER PLAN

SHEET NUMBER:
E5.2

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LUMINAIRE SCHEDULE

MARK	MOUNTING	LAMPS				BALLAST/DRIVER	FIXTURE VOLTAGE	INPUT WATTS	FIXTURE DESCRIPTION	COMMENTS	BASIS OF DESIGN & APPROVED MANUFACTURERS
		TYPE	MIN. LUMENS	CCT	CRI						
A1	RECESSED	LED	4000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	28 W	2' X 4' LED LAY IN FLAT PANEL, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, SWITCHABLE LUMENS AND COLOR TEMPERATURE.	SET LUMENS TO LOW AND CCT TO 4000K.	LITHONIA | CPX 2X4 ALO8 SWW7 M2 OR EQUAL
A2	RECESSED	LED	5000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	36 W	2' X 4' LED LAY IN FLAT PANEL, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, SWITCHABLE LUMENS AND COLOR TEMPERATURE.	SET LUMENS TO MEDIUM AND CCT TO 4000K.	LITHONIA | CPX 2X4 ALO8 SWW7 M2 OR EQUAL
A3	RECESSED	LED	2570 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	19 W	2' X 2' LED LAY IN FLAT PANEL, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, SWITCHABLE LUMENS AND COLOR TEMPERATURE.	SET LUMENS TO LOW AND CCT TO 4000K.	LITHONIA | CPX 2X2 ALO7 SWW7 M4 OR EQUAL
B1	WALL	LED	1,500lm	4000K	80 CRI	ELECTRONIC DRIVER	UNV	15 W	3' WALL MOUNT LED, EXTRUDED ALUMINUM HOUSING, POLYESTER POWDER COATED, FULL CUT OFF OPTICS, UV STABILIZED OPAL POLYCARBONITE LENS.	MOUNT AT 11' - 0" AFF.	LUMINAIRE LED - BLADE | BLD 36IN NODIM 2DRV 15W 40K 120 BLK OR EQUAL
E	25'-0" POLE							0 W	EXISTING POLE, LUMINARE AND CONCRETE BASE TO REMAIN.		
ER	25'-0" POLE							0 W	EXISTING POLE, LUMINARE AND CONCRETE BASE TO BE REMOVED. SALVAGE FOR RE-INSTALLATION.		
FL	STEM	LED	330 lm/ft	4000K	80 CRI	ELECTRONIC DRIVER	UNV	52 W	13' EXTERIOR LED LINEAR FLOOD LIGHT, WALL WASH ASYMMETRIC DISTRIBUTION, 18" ARM MOUNT, BLACK FINISH, U.L. WET LOCATION LISTED.	MOUNT FIXTURE 1'-0" BELOW SIGN. AIM FIXTURE TO BEST LIGHT SIGN, PROVIDE 18" WALL MOUNT ARM AND ASSOCIATED HARDWARE.	ECOSENSE TROV | L60-E-12(&48)-04-40-80-MULT-20X20-K OR EQUAL
H1	PENDANT	LED	15000	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	106 W	LED ROUND HIGH BAY, POLYCARBONITE LENS WITH IK10 IMPACT RESISTANCE, WHITE FINISH, DLC LISTED.	MOUNT BOTTOM OF FIXTURE AT SAME ELEVATION AS BOTTOM OF HVAC DUCT OR BUILDING STEEL. SET LUMENS AT 15,000.	LITHONIA | CPRB ALO13 MVOLT SWW9 80CRI DWH JEBLMTG ADAPTER M12 OR EQUAL
H2	PENDANT	LED	24000	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	175 W	LED ROUND HIGH BAY, POLYCARBONITE LENS WITH IK10 IMPACT RESISTANCE, WHITE FINISH, DLC LISTED.	MOUNT BOTTOM OF FIXTURE AT SAME ELEVATION AS BOTTOM OF HVAC DUCT OR BUILDING STEEL. SET LUMENS AT 24,000.	LITHONIA | CPRB ALO14 MVOLT SWW9 80CRI DWH JEBLMTG ADAPTER M12 OR EQUAL
P3	25'-0" POLE	LED	9,800lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	72 W	AREA LUMINAIRE WITH DIE-CAST ALUMINUM BODY, DARK BRONZE FINISH (MATCH EXISTING POLE LIGHT COLOR), TYPE 3 DISTRIBUTION.	PROVIDE 25' - 0 ", 5" SQUARE STEEL POLE.	LITHONIA | RSX1 LED P2 40K R3 MVOLT SPA DDBXD OR EQUAL
P4	PENDANT	LED	900lm/FT	4000K	80 CRI	0-10V DIMMING DOWN TO 1%	UNV	35 W	LED LINEAR PENDANT, INTEGRAL DRIVER, 70% DOWNLIGHT, 30% UPLIGHT, FROSTED FLUSH LENS, FLAT END CAPS, BLACK PAINTED FINISH, BLACK CANOPIES AND CORD, AIRCRAFT CABLE MOUNTING TO STRUCTURE.	MOUNT AT 12' - 0" AFF.	NULITE | LCP5-70-FF-09-L40-FEC-UNV-DI-11-BK-SRBSC120-4 OR EQUAL
S1	VARIES	LED	4000 lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	36 W	4' LED STRIP LIGHT, LOW-GLARE DIFFUSE LENS, WHITE ENAMEL FINISH.	MOUNT AT APPROX. 9' - 0" AFF UNO. SET LUMENS AT 4000 AND CCT AT 40K.	LITHONIA | CSS L48 ALO3 MVOLT SWW3 80CRI OR EQUAL
W1	WALL	LED	6,000lm	4000K	80 CRI	ELECTRONIC DRIVER	UNV	47 W	LED WALL PACK, DIE CAST ALUMINUM HOUSING, BLACK FINISH		LITHONIA | WPX2 LED 40K MVOLT DBLXD OR EQUAL
W2	WALL	LED	9,800lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	72 W	AREA LUMINAIRE WITH DIE-CAST ALUMINUM BODY, DARK BRONZE FINISH (MATCH EXISTING POLE LIGHT COLOR), TYPE 3 DISTRIBUTION.	WALL BRACKET MOUNT TO BUILDING. PROVIDE BLOCKING AS NECESSARY.	LITHONIA | RSX1 LED P2 40K R3 MVOLT WBA DDBXD OR EQUAL
WS	WALL	LED	13,000lm	4000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	81 W	WALL/STEM MOUNT INDIRECT UP LIGHT, 18" OVERALL PROJECTION LENGTH, ALUMINUM HOUSING, POWDER COAT BLACK TEXTURED FINISH	MOUNT AT 11' - 0" AFF. CENTERED BETWEEN UPPER AND LOWER WINDOW.	SPI LIGHTING | EIW12324 L10BW PT11 120-277 4000KDF_80 DF_DIM1 HZT1 OAP18" OR EQUAL
X1	VARIES	LED	N/A	RED	N/A	ELECTRONIC DRIVER	UNV	2 W	LED EXIT FIXTURE, WHITE THERMOPLASTIC HOUSING, UNIVERSAL MOUNTING.	PROVIDE WIRE GUARD WHERE NOTED ON DRAWINGS.	LITHONIA | LQM S W RG MVOLT M6 OR EQUAL

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT
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EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR:

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:

LUMINAIRE SCHEDULE

SHEET NUMBER:

E7.1

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DISTRIBUTION PANEL MDP

MOUNTING: SURFACE
FED FROM: UTILITY
ENCLOSURE: NEMA 1
LOCATION: MECH/ELEC A104

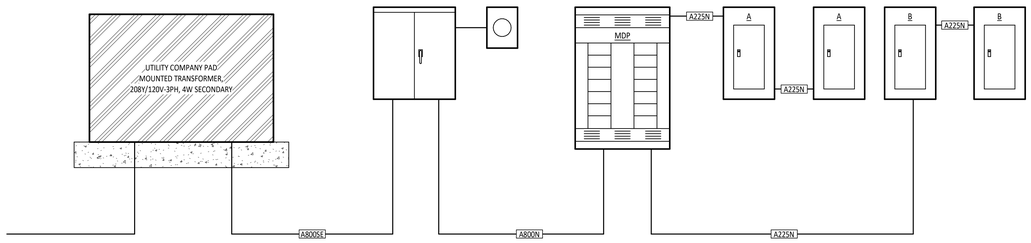
AIC RATING: 18,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 800 A
MAINS TYPE: 800 A | MCB
OTHER:

PANEL NOTES:
PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL.

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
				1	24835 / 0			2				
1	PANEL A	3	225	3		22092 / 0		4	--	3	SPACE FOR EXTERNAL SPD	
				5			20671 / 0	6				
				7	20611 / 7974			8				
1	PANEL B	3	225	9		17523 / 7974		10	100	3	RTU-A205	
				11			20759 / 7974	12				
				13	0 / 7974			14				
	SPARE BREAKER	3	200	15		0 / 7974		16	100	3	RTU-A204	
				17			0 / 7974	18				
				19	7974 / 7974			20				
	RTU-A203	3	100	21		7974 / 7974		22	100	3	RTU-A202	
				23			7974 / 7974	24				
				25	7974 / 0			26				
	RTU-A201	3	100	27		7974 / 0		28	100	3	SPARE BREAKER	
				29			7974 / 0	30				
				31				32				
				33				34				
				35				36				
				37				38				
				39				40				
				41				42				
	VA SUBTOTALS:				85287 VA	79451 VA	81265 VA					
	AMP SUBTOTALS:				713 A	662 A	680 A					

LOAD TYPE:	***CONNECTED VA***	***DEMAND FACTOR***	***DEMAND VA***	***DEMAND AMPS***	***SUBTOTAL***	***PHASE***
FIRE ALARM	500 VA	100.0%	500 VA	1 A	85287 VA	***A***
LIGHTING	21555 VA	125.0%	26944 VA	75 A	79451 VA	***B***
MOTORS	19468 VA	102.5%	19968 VA	55 A	81265 VA	***C***
RECEPTACLE	58660 VA	58.5%	34330 VA	95 A	***PANEL TOTALS***	
MISC EQUIPMENT	16499 VA	80.0%	13200 VA	37 A	246002 VA	**CONNECTED**
HVAC	129820 VA	100.0%	129820 VA	360 A	224142 VA	**DEMAND**
					683 A	**CONNECTED**
					622 A	**DEMAND**

CIRCUIT NOTES:
1-REFER TO ONE-LINE DIAGRAM FOR FEED SIZE.



1 / E8.1 **ELECTRICAL ONE-LINE DIAGRAM**
NO SCALE

KEYNOTE LEGEND	
#	KEYNOTE DESCRIPTION

FEEDER SCHEDULE

GENERAL NOTES:
- ELECTRICAL CONTRACTOR SHALL PROVIDE THE NUMBER OF LUGS AND PROPER LUG SIZES TO ACCEPT CONDUCTOR SIZES SHOWN.
- ALL CONDUCTORS ARE BASED ON COPPER, UNLESS NOTED OTHERWISE.

MARK	FEEDER DESCRIPTION
A225N	(4) #300 KCMIL AL., #2 AL. G, 3"C
A800N	(3) PARALLEL SETS OF (4) #400 KCMIL AL., #3/0 AL. G, 3"C
A800SE	(3) PARALLEL SETS OF (4) #400 KCMIL AL., 3"C

PANEL A

MOUNTING: SURFACE
FED FROM: MDP
ENCLOSURE: NEMA 1
LOCATION: MECH/ELEC A104

AIC RATING: 15,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: MLO
OTHER:

PANEL NOTES:
PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL. PROVIDE FEED-THRU LUGS.

SECTION 1 OF 2

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	LOBBY SIGN A101	1	15	1	750 / 0			2				
	LIGHTING WEIGHT ROOM A105	1	20	3		1519 / 0		4	--	3	SPACE FOR EXTERNAL SPD	
	LIGHTING WEIGHT ROOM A105	1	20	5			1556 / 0	6				
	EXTERIOR WALL PACK LIGHTING	1	20	7	256 / 1080			8	20	1	RECEPTACLE MULTI-PURPOSE ATHLETIC ROOM A106	
	LIGHTING	1	20	9		1105 / 1440		10	20	1	RECEPTACLE MULTI-PURPOSE ATHLETIC ROOM A106	
	LIGHTING	1	20	11			1658 / 1656	12	20	1	OHD MULTI-PURPOSE ATHLETIC ROOM A106	
	LIGHTING	1	20	13	1289 / 1656			14	20	1	OHD WEIGHT ROOM A105	
	LIGHTING	1	20	15		664 / 1111		16	20	1	SCOREBOARD ATHLETIC ROOM A106	
	LIGHTING	1	20	17			1474 / 720	18	20	1	RECEPTACLE WEIGHT ROOM A105	
	OHD WEIGHT ROOM A105	1	20	19	1656 / 1500			20	20	1	RECEPTACLE WEIGHT ROOM A105	
	DOOR SECURITY WEIGHT ROOM A105	1	20	21		500 / 1500		22	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	23			900 / 600	24	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	25	1500 / 1500			26	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	27		1500 / 1500		28	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	29			1500 / 1500	30	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	31	1500 / 700			32	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	33		1500 / 700		34	20	1	RECEPTACLE WEIGHT ROOM A105	
	RECEPTACLE WEIGHT ROOM A105	1	20	35			1500 / 0	36	20	1	SPARE BREAKER	
	RECEPTACLE WEIGHT ROOM A105	1	20	37	700 / 0			38	20	1	SPARE BREAKER	
	RECEPTACLE WEIGHT ROOM A105	1	20	39		700 / 0		40	20	1	SPARE BREAKER	
	ROOF RECEPTACLE WEIGHT ROOM A105	1	20	41			720 / 0	42	20	1	SPARE BREAKER	
	VA SUBTOTALS:				24835 VA	22092 VA	20671 VA					
	AMP SUBTOTALS:				209 A	186 A	172 A					

LOAD TYPE:	***CONNECTED VA***	***DEMAND FACTOR***	***DEMAND VA***	***DEMAND AMPS***	***SUBTOTAL***	***PHASE***
FIRE ALARM	500 VA	100.0%	500 VA	1 A	24835 VA	***A***
LIGHTING	15445 VA	125.0%	19306 VA	54 A	22092 VA	***B***
MOTORS	5664 VA	107.3%	6078 VA	17 A	20671 VA	***C***
RECEPTACLE	33820 VA	64.8%	21910 VA	61 A	***PANEL TOTALS***	
MISC EQUIPMENT	5322 VA	90.0%	4790 VA	13 A	67576 VA	**CONNECTED**
HVAC	7050 VA	100.0%	7050 VA	20 A	59398 VA	**DEMAND**
					188 A	**CONNECTED**
					165 A	**DEMAND**

CIRCUIT NOTES:
G-PROVIDE GFCI RECEPTACLE.

PANEL A

MOUNTING: SURFACE
FED FROM: A
ENCLOSURE: NEMA 1
LOCATION: MECH/ELEC A104

AIC RATING: 15,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: MLO
OTHER:

PANEL NOTES:

SECTION 2 OF 2

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	ECH-A101 CORRIDOR A101	2	20	43	1500 / 2800			44	30	1	INVERTER INV1	1
				45		1500 / 1500		46	20	1	RECEPTACLE WEIGHT ROOM A105	
	EUH-A101 MECH/ELEC A104	2	20	47			1650 / 500	48	20	1	FIRE ALARM CONTROL PANEL	
				49	1650 / 1260			50	20	1	RECEPTACLE TRAINER A103	
	RECEPTACLE MECH/ELEC A104	1	20	51		540 / 1440		52	20	1	RECEPTACLE COACH OFFICE A102	
	RECEPT. (ICE) TRAINER A103	1	20	53			600 / 1440	54	20	1	RECEPTACLE A101	
	DOOR SECURITY A101	1	20	55	1000 / 360			56	20	1	RECEPTACLE WEIGHT ROOM A105	
	EF-A201	1	20	57		696 / 720		58	20	1	VID RECEPTACLE WEIGHT ROOM A105	
G	WC RECEPTACLE WEIGHT ROOM A105	1	20	59			1200 / 0	60				
	E BLDG SIGN LIGHTING	1	20	61	1500 / 750			62	20	1	HVAC CONTROL PANEL MECH/ELEC A104	
	LIGHTING CONTROL PANEL	1	20	63		500 / 1680		64	20	1	LIGHTING	
	SPARE BREAKER	1	20	65			0 / 1680	66	20	1	LIGHTING	
	SPARE BREAKER	1	20	67	0 / 0			68	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	69		0 / 0		70	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	71			0 / 0	72	--	1	SPACE ONLY	
	SPACE ONLY	1	--	73	0 / 0			74	--	1	SPACE ONLY	
	SPACE ONLY	1	--	75		0 / 0		76	--	1	SPACE ONLY	
	SPACE ONLY	1	--	77			0 / 0	78	--	1	SPACE ONLY	
	SPACE ONLY	1	--	79	0 / 0			80	--	1	SPACE ONLY	
	SPACE ONLY	1	--	81		0 / 0		82	--	1	SPACE ONLY	
	SPACE ONLY	1	--	83			0 / 0	84	--	1	SPACE ONLY	
	VA SUBTOTALS:				10820 VA	8576 VA	7070 VA					
	AMP SUBTOTALS:				92 A	73 A	59 A					

LOAD TYPE:	***CONNECTED VA***	***DEMAND FACTOR***	***DEMAND VA***	***DEMAND AMPS***	***SUBTOTAL***	***PHASE***
FIRE ALARM	500 VA	100.0%	500 VA	1 A	10820 VA	***A***
LIGHTING	5360 VA	125.0%	6700 VA	19 A	8576 VA	***B***
MOTORS	696 VA	125.0%	870 VA	2 A	7070 VA	***C***
RECEPTACLE	9060 VA	100.0%	9060 VA	25 A	***PANEL TOTALS***	
MISC EQUIPMENT	3800 VA	100.0%	3800 VA	11 A	26466 VA	**CONNECTED**
HVAC	7050 VA	100.0%	7050 VA	20 A	27980 VA	**DEMAND**
					73 A	**CONNECTED**
					78 A	**DEMAND**

CIRCUIT NOTES:
G-PROVIDE GFCI RECEPTACLE.
1-PROVIDE 2-#10 AWG CU, 1-#10 AWG CU GRD.

PANEL B

MOUNTING: SURFACE
FED FROM: MDP
ENCLOSURE: NEMA 1
LOCATION: STORAGE ROOM A118

AIC RATING: 10,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: MLO
OTHER:

PANEL NOTES:
PROVIDE PANEL WITH SURGE PROTECTION DEVICE (SPD). PROVIDE CIRCUIT BREAKER SIZED PER MANUFACTURER RECOMMENDATIONS IF SPD IS EXTERNAL.

SECTION 1 OF 2

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	LIGHTING	1	20	1	1658 / 0			2				
	LIGHTING	1	20	3		1105 / 0		4	--	3	SPACE FOR EXTERNAL SPD	
	LIGHTING CORRIDOR A114	1	20	5			683 / 0	6				
	LIGHTING	1	20	7	1878 / 1440			8	20	1	RECEPTACLE RESTROOMS	
	SOUND RACK STORAGE A121	1	20	9		360 / 1200		10	20	1	WC RECEPTACLE CORRIDOR A107	G
G	WASH FAUCET RESTROOMS	1	20	11			720 / 1176	12	20	1	OHD CORRIDOR A107	
	OHD CORRIDOR A119	1	20	13	1176 / 1080			14	20	1	RECEPTACLE STORAGE ROOM A118	
	DBF-1, DBF-2	1	20	15		132 / 540		16	20	1	RECEPTACLE MULTIPURPOSE GYMNASIUM A120	
	RACK RECEPTACLE TECH ROOM A115	1	20	17			1920 / 1656	18	20	1	OHD MULTIPURPOSE GYMNASIUM A120	
	RECEPTACLE MULTIPURPOSE GYMNASIUM A120	1	20	19	1080 / 360			20	20	1	RECEPTACLE MEZZANINE A201	
	RECEPTACLE MULTIPURPOSE GYMNASIUM A120	1	20	21		720 / 360		22	20	1	RECEPTACLE MEZZANINE A201	
	RECEPTACLE MEZZANINE A201	1	20	23			360 / 360	24	20	1	RECEPTACLE MEZZANINE A201	
	RECEPTACLE MEZZANINE A201	1	20	25	1080 / 1176			26	20	1	BB LIFT GYMNASIUM A120	
	OHD GOLF SIMULATOR A202	1	20	27		1656 / 1176		28	20	1	BB LIFT GYMNASIUM A120	
	RECEPTACLE GOLF SIMULATOR A202	1	20	29			1151 / 1176	30	20	1	BB LIFT GYMNASIUM A120	
	BB HT ADJ GYMNASIUM A120	1	20	31	408 / 1111			32	20	1	SCOREBOARD GYMNASIUM A120	
	BB HT ADJ GYMNASIUM A120	1	20	33		408 / 1920		34	20	1	BATTING CAGE LIFT A201	
	BB HT ADJ GYMNASIUM A120	1	20	35			408 / 1920	36	20	1	BATTING CAGE LIFT A201	
	SPARE BREAKER	1	20	37	0 / 0			38	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	39		0 / 0		40	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	41			0 / 0	42	--	1	SPACE ONLY	
	VA SUBTOTALS:				20611 VA	17523 VA	20759 VA					
	AMP SUBTOTALS:				176 A	146 A	177 A					

LOAD TYPE:	***CONNECTED VA***	***DEMAND FACTOR***	***DEMAND VA***	***DEMAND AMPS***	***SUBTOTAL***	***PHASE***
LIGHTING	6144 VA	125.0%	7680 VA	21 A	20611 VA	***A***
MOTORS	13824 VA	103.5%	14304 VA	40 A	17523 VA	***B***
RECEPTACLE	24840 VA	70.1%	17420 VA	48 A	20759 VA	***C***
MISC EQUIPMENT	11181 VA	80.0%	8945 VA	25 A	***PANEL TOTALS***	
HVAC	3162 VA	100.0%	3162 VA	9 A	58883 VA	**CONNECTED**
					51195 VA	**DEMAND**
					163 A	**CONNECTED**
					142 A	**DEMAND**

CIRCUIT NOTES:
G-PROVIDE GFCI BREAKER.

PANEL B

MOUNTING: SURFACE
FED FROM: B
ENCLOSURE: NEMA 1
LOCATION: STORAGE ROOM A118

AIC RATING: 10,000
VOLTAGE: 208Y/120V 3PH 4W
MAINS RATING: 225 A
MAINS TYPE: MLO
OTHER:

PANEL NOTES:

SECTION 2 OF 2

NOTE	CIRCUIT DESCRIPTION	POLES	AMP	CKT	A	B	C	CKT	AMP	POLES	CIRCUIT DESCRIPTION	NOTE
	SSCU-1A & B	2	20	43	1581 / 500			44	20	1	SECURITY CONTROL PANEL	
				45		1581 / 500		46	20	1	ACCESS CONTROL PANEL	
1	INVERTER INV2	1	30	47			2800 / 2250	48	30	2	CLOTHES DRYER(120/208)	2
1	WH-1	2	30	49	2167 / 2250			50				
				51		2167 / 2250		52	30	2	CLOTHES DRYER(120/208)	2
	LIGHTING	1	20	53			1674 / 2250	54				
	LIGHTING	1	20	55	348 / 1500			56	20	1	CLOTHES WASHER	G
	SPARE BREAKER	1	20	57		0 / 1500		58	20	1	CLOTHES WASHER	G
	SPARE BREAKER	1	20	59			0 / 360	60	20	1	RECEPTACLE LAUNDRY A117	
	SPARE BREAKER	1	20	61	0 / 0			62	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	63		0 / 0		64	--	1	SPACE ONLY	
	SPARE BREAKER	1	20	65			0 / 0	66	--	1	SPACE ONLY	
	SPACE ONLY	1	--	67	0 / 0			68	--	1	SPACE ONLY	
	SPACE ONLY	1	--	69		0 / 0		70	--	1	SPACE ONLY	
	SPACE ONLY	1	--	71			0 / 0	72	--	1	SPACE ONLY	
	SPACE ONLY	1	--	73	0 / 0			74	--	1	SPACE ONLY	
	SPACE ONLY	1	--	75		0 / 0		76	--	1	SPACE ONLY	
	SPACE ONLY	1	--	77			0 / 0	78	--	1	SPACE ONLY	
	SPACE ONLY	1	--	79	0 / 0			80	--	1	SPACE ONLY	
	SPACE ONLY	1	--	81		0 / 0		82	--	1	SPACE ONLY	
	SPACE ONLY	1	--	83			0 / 0	84	--	1	SPACE ONLY	
	VA SUBTOTALS:				8328 VA	7997 VA	9265 VA					
	AMP SUBTOTALS:				70 A	67 A	78 A					

LOAD TYPE:	***CONNECTED VA***	***DEMAND FACTOR***	***DEMAND VA***	***DEMAND AMPS***	***SUBTOTAL***	***PHASE***
LIGHTING	2021 VA	125.0%	2527 VA	7 A	8328 VA	***A***
RECEPTACLE	12360 VA	90.5%	11190 VA	31 A	7997 VA	***B***
MISC EQUIPMENT	8133 VA	100.0%	8133 VA	23 A	9265 VA	***C***
HVAC	3162 VA	100.0%	3162 VA	9 A	***PANEL TOTALS***	
					25583 VA	**CONNECTED**
					24888 VA	**DEMAND**
					71 A	**CONNECTED**
					69 A	**DEMAND**

CIRCUIT NOTES:
1-PROVIDE 2-#10 AWG CU, 1-#10 AWG CU GRD.
2-PROVIDE 3-#10 AWG CU, 1-#10 AWG CU GRD.

STATE OF OHIO
MATTHEW R. HIBNER
#1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	SJH	HJP

SHEET TITLE:
ELECTRICAL ONE-LINE DIAGRAM AND PANEL SCHEDULES

SHEET NUMBER:
E8.1

PRINTED ON: 12/11/2025 4:23:20 PM

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TECHNOLOGY CABLING SYMBOLS

REFER TO FACEPLATE ELEVATIONS FOR MORE INFORMATION ON TECHNOLOGY OUTLETS.

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
D#	DATA OUTLET	WALL	16", UNO
V#D#	VOICE/DATA OUTLET		
V#	VOICE OUTLET	WALL	44"
	'#' INDICATES NUMBER OF VOICE AND / OR DATA CABLES TO BE PROVIDED AT EACH LOCATION		
LI	LOCAL INPUT OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT.	WALL	16", UNO
IFP	INTERACTIVE FLAT PANEL OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND ONE (1) 1-1/4" CONDUIT.	WALL	44"
LVP	LARGE VENUE PROJECTOR OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT.	WALL	AS NOTED
SA	GYMNASIUM AUDIO SYSTEM OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT.	WALL	16"
SP	STAGE PRESENTER OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT.		
TPC	TEACHER PERSONAL COMPUTER OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT.		
SR	SOUND REINFORCEMENT OUTLET. 4-11/16", 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND TWO (2) 1-1/4" CONDUIT. (DETAIL X ON SHEET EX.X)	WALL	44"
VID	VIDEO MONITOR OUTLET. 2-GANG, 3.5" DEEP BOX WITH 2-GANG EXTENSION RING AND ONE (1) 1-1/4" CONDUIT.	WALL	96", UNO
CAM	CAMERA OUTLET. 2-GANG, 3.5" DEEP BOX WITH 1-GANG EXTENSION RING AND ONE (1) 1" CONDUIT.	WALL	144", UNO
WAP	WIRELESS ACCESS POINT OUTLET. 2-GANG, 3.5" DEEP BOX WITH 1-GANG EXTENSION RING AND ONE (1) 1" CONDUIT.		
AQS	AIR QUALITY SENSOR OUTLET. 4-11/16" OCTOGON BOX WITH 2" DEEP 1-GANG EXTENSION RING. PROVIDE ONE (1) 1" CONDUIT.		
CAM	20 FT OF CAT 6A CABLE COILED ABOVE ACCESSIBLE CEILING FOR FUTURE CAMERA INSTALLATION BY 28 2300 CONTRACTOR		
SS	20 FT OF CAT 6A CABLE COILED ABOVE ACCESSIBLE CEILING FOR FUTURE SECURITY SYSTEM INSTALLATION BY 28 2600 CONTRACTOR.		
WAP	20 FT OF CAT 6A CABLE COILED ABOVE ACCESSIBLE CEILING FOR FUTURE WIRELESS ACCESS POINT INSTALLATION BY 27 2300 CONTRACTOR		
	LADDER TYPE CABLE TRAY		
	BASKET TYPE CABLE TRAY		
(2)2"	CONDUIT SLEEVE(S) FOR TECHNOLOGY CABLING PROVIDED BY DIVISION 26. DIVISION 26 TO PROVIDE FIRE STOPPING WHEN PENETRATING THROUGH FIRE WALLS AS REQUIRED BY CODE.	8" ABOVE CEILING	SEE PLANS
		WALL	16", UNO

DENOTES HORIZONTALLY MOUNTED RACEWAY
DENOTES VERTICALLY MOUNTED RACEWAY

1 T1.1 **TECHNOLOGY CABLING SYMBOLS LEGEND**

AUDIO DEVICE SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
PA	PUBLIC ADDRESS SOUND SYSTEM RACK.	FLOOR	N/A
SD	STUDENT DINING SOUND SYSTEM RACK.		
GS	GYMNASIUM SOUND SYSTEM RACK.		
PR	PORTABLE SOUND SYSTEM RACK.		
MS	MUSIC/VOCAL ROOM SOUND SYSTEM RACK.		
	HANGING MICROPHONE PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE CEILING MOUNTED JUNCTION BOX AND PATHWAY AS REQUIRED. COORDINATE WITH DIVISION 26.	CEILING	N/A
	MICROHONE OUTLET PROVIDED BY DIVISION 27. DIVISION 28 TO PROVIDE SINGLE GANG BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	16", UNO
	AUXILIARY/MICROPHONE OUTLET BY DIVISION 27. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAYS. COORDINATE WORK WITH DIVISION 26.	WALL	96", UNO
	PUBLIC ADDRESS SYSTEM CEILING SPEAKER BY DIVISION 27.	CEILING	N/A
	CLASSROOM SOUND REINFORCEMENT SYSTEM SPEAKER PROVIDED BY DIVISION 27.		
	PUBLIC ADDRESS SYSTEM FLUSH MOUNT WALL SPEAKER PROVIDED BY DIVISION 27.	WALL	96", UNO
	PUBLIC ADDRESS HORN TYPE SPEAKER PROVIDED BY DIVISION 27.		
	SOUND SYSTEM SPEAKER PRIVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE ROUGH INS AS REQUIRED FOR INSTALLATION. COORDINATE WORK WITH DIVISION 26.	VARIES	SEE PLANS
	PUBLIC ADDRESS CALL-IN SWITCH PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING.	WALL	44"
	PUBLIC ADDRESS SYSTEM VOLUME CONTROL PROVIDED BY DIVISION 27. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING.		
	ADMINISTRATIVE CONTROL CONSOLE FOR THE PUBLIC ADDRESS SYSTEM BY DIVISION 27. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY AS REQUIRED FOR INSTALLATION. COORDINATE WORK WITH DIVISION 26.	VARIES	SEE PLANS

2 T1.1 **AUDIO DEVICE SYMBOLS LEGEND**

TECHNOLOGY EQUIPMENT SYMBOLS

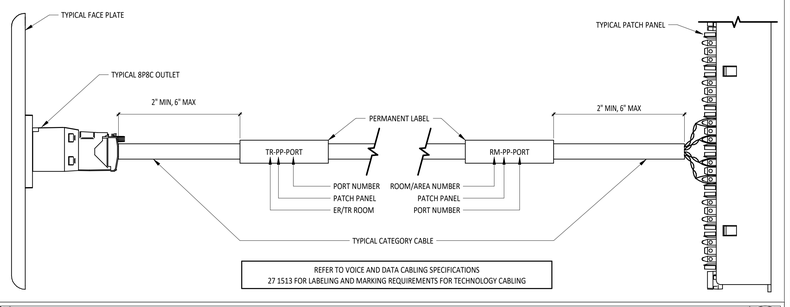
SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
	MULTI-SENSOR CCTV CAMERA, CABLING BY 27 1513 CAMERA BY 28 2300.	VARIES	144", UNO
	CCTV CAMERA, CABLING BY 27 1513, CAMERA BY 28 2300		
	WIRELESS ANALOG CLOCK - DUAL FACE - CEILING MOUNT	WALL	96", UNO
	WIRELESS ANALOG CLOCK - DUAL FACE - WALL MOUNT	WALL	96", UNO
	WIRELESS ANALOG CLOCK - SINGLE FACE - WALL MOUNT		
	WIRELESS ANALOG CLOCK - SINGLE FACE - WALL MOUNT WITH WIRE GUARD		
12	16" WIRELESS ANALOG CLOCK - SINGLE FACE - WALL MOUNT		
12	16" WIRELESS ANALOG CLOCK - SINGLE FACE - WALL MOUNT WITH WIRE GUARD		
12:00	WIRELESS DIGITAL CLOCK - WALL MOUNT - DOUBLE SIDED - SINGLE FACE - LEFT	WALL	96", UNO
	WIRELESS ANALOG CLOCK - WALL MOUNT DOUBLE SIDED - SINGLE FACE - RIGHT	WALL	96", UNO
12:00 12:00	WIRELESS DIGITAL CLOCK - WALL MOUNT - DOUBLE SIDED - DUAL FACE	WALL	96", UNO
12:00	WIRELESS DIGITAL CLOCK - WALL MOUNT	WALL	96", UNO
12:00 12:00	WIRELESS DIGITAL CLOCK & PA SPEAKER COMBO - WALL MOUNT	WALL	96"
	WIRELESS ACCESS POINT - CEILING MOUNTED	CEILING	
	WIRELESS ACCESS POINT - WALL MOUNTED	WALL	144", UNO
	LARGE VENUE VIDEO PROJECTOR		
	XX" IFP - INTERACTIVE FLAT PANEL DISPLAY		
	'XX' INDICATES DISPLAY SIZE DIAGONALLY IN INCHES		
	TYPICAL CLASSROOM/SMALL GROUP ROOM	WALL	MATCH WHITE BOARD
	TYPICAL CONFERENCE ROOM	WALL	42", UNO
	XX" LCD - STANDARD FLAT PANEL DISPLAY		
	'XX' INDICATES DISPLAY SIZE DIAGONALLY IN INCHES		
	TYPICAL CLASSROOM/SMALL GROUP ROOM	WALL	MATCH WHITE BOARD
	TYPICAL OFFICE AND COMMOMS AREAS	WALL	42", UNO
	TYPICAL CONFERENCE ROOM	WALL	72", UNO
	DESK MOUNT PHONE		
	WALL MOUNT PHONE	WALL	44", UNO

3 T1.1 **TECHNOLOGY EQUIPMENT SYMBOLS LEGEND**

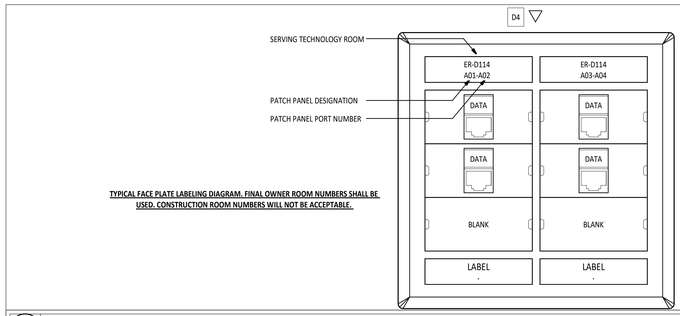
SECURITY/ACCESS CONTROL SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
ACP	ACCESS CONTROL SYSTEM CONTROL PANEL. DIVISION 26 TO PROVIDE 120V CONNECTION TO PANEL AS REQUIRED. COORDINATE WORK WITH DIVISION 26.	WALL	72" TO TOP
SCP	SECURITY SYSTEM CONTROL PANEL. DIVISION 26 TO PROVIDE 120V CONNECTION TO PANEL AS REQUIRED. COORDINATE WORK WITH DIVISION 26.		
EL	ELECTRONIC LOCK PROVIDED BY DIVISION 08. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26	DOOR	SEE PLANS
DC	DOOR CONTACT PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26.		
REX	REQUEST TO EXIT DEVICE BY DIVISION 28. DIVISION 26 TO PROVIDE PATHWAYS TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 08 AND DIVISION 26	VARIES	VARIES
CR	ACCESS CONTROL CARD READER PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	44"
KP	SECURITY SYSTEM KEYPAD PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	48"
MD	HARD CEILING MOUNT MOTION DETECTOR PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 26.	HARD CEILING	N/A
MD	CEILING MOUNT MOTION DETECTOR PROVIDED BY DIVISION 28. COORDINATE WORK WITH DIVISION 26.	WALL	96", UNO
	SECURITY SYSTEM ALARM BELL PROVIDED BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	80", UNO
	AUDIO ONLY INTERCOM STATION BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	48"
	AUDIO & VIDEO INTERCOM STATION BY DIVISION 28. DIVISION 26 TO PROVIDE BACK BOX AND PATHWAY TO ABOVE ACCESSABLE CEILING. COORDINATE WORK WITH DIVISION 26.	WALL	48"
DS	DESK MOUNT MASTER INTERCOM STATION PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS WITH DIVISION 26.	VARIES	VARIES
	ELECTRONIC DOOR RELEASE OR LOCK DOWN PUSH BUTTON PROVIDED BY DIVISION 28. COORDINATE PATHWAY REQUIREMENTS WITH DIVISION 26.		

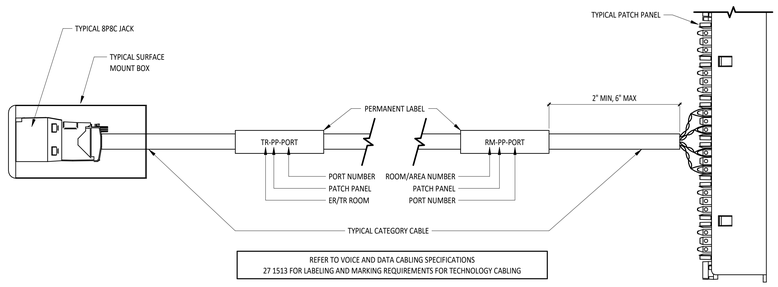
4 T1.1 **SECURITY/ACCESS CONTROL SYMBOL LEGEND**



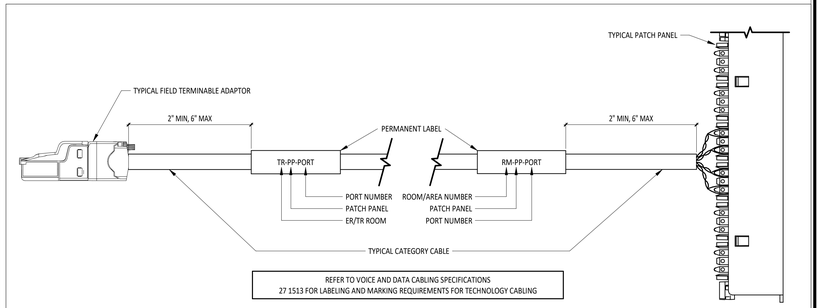
5 T1.1 **CABLE LABELING SCHEMATIC - FACEPLATE TO PATCH PANEL**



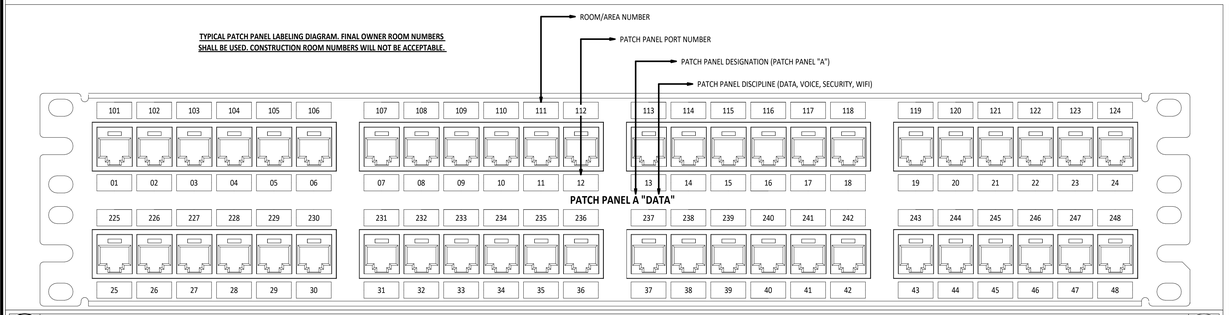
6 T1.1 **TYPICAL FACEPLATE LABELING SCHEMATIC**



7 T1.1 **CABLE LABELING SCHEMATIC - SURFACE MOUNT BOX TO PATCH PANEL**



8 T1.1 **CABLE LABELING SCHEMATIC - FIELD TERMINAL ADAPTER TO PATCH PANEL**



9 T1.1 **TYPICAL PATCH PANEL LABELING SCHEMATIC**

TECHNOLOGY CABLING AND JACK COLOR CODING

CABLE TYPE	DESCRIPTION	COLOR CABLE	COLOR JACK
CATEGORY 6A	DATA NETWORK CABLE	BLUE	BLUE
CATEGORY 6A	VOICE NETWORK CABLE	YELLOW	YELLOW
CATEGORY 6A	WIRELESS DATA NETWORK CABLE	BLUE	BLUE
CATEGORY 6A	SECURITY, ACCESS CONTROL, CCTV NETWORK CABLE	GREEN	GREEN
CATEGORY 6A	LOCAL PEER TO PEER	ORANGE	ORANGE
CATEGORY 6A	USB OVER TWISTED PAIR, HDMI OVER TWISTED PAIR	ORANGE	ORANGE
3.5MM AUDIO	SHIELDED 22AWG/2 CONDUCTOR	N/A	MATCH FACEPLATE
HDMI	ACTIVE OPTICAL HDMI	N/A	MATCH FACEPLATE

10 T1.1 **TECHNOLOGY CABLING AND JACK COLOR CODING**

- NOTE:

	ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW.

A

AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AV	AUDIO/VISUAL

C

CAM	CAMERA
CAT	CATEGORY
CCTV	CLOSED-CIRCUIT TELEVISION

D

D	DATA
DC	DIRECT CURRENT
DSD	DIGITAL SIGNAGE DISPLAY

E

E	EXISTING
EC	ELECTRICAL CONTRACTOR
ER	EQUIPMENT ROOM

G

GBE	GIGABIT ETHERNET
GPON	GIGABIT PASSIVE OPTICAL NETWORK

I

IFP	INTERACTIVE FLAT PANEL DISPLAY
ISG(N)	ISOLATED SYSTEMS GROUND
IWB	INTERACTIVE WHITE BOARD

L

LI	LOCAL INPUT
LVP	LARGE VENUE PROJECTOR

M

MM	MULTIMODE FIBER OPTIC CABLE

O

OLT	OPTICAL LINE TERMINAL
ONT	OPTICAL NETWORK TERMINAL
OREQ	OR EQUAL
OS	OPTICAL SPLITTER

P

PA	PUBLIC ADDRESS
PDU	POWER DISTRIBUTION UNIT
PoE	POWER OVER ETHERNET
POL	PASSIVE OPTICAL LAN
PON	PASSIVE OPTICAL NETWORK

Q

Q	EMPTY BOX WITH BLANK COVER

R

RU	RACK UNITS

S

SA	SOUND AMPLIFICATION
SM	SINGLE MODE FIBER OPTIC CABLE
SP	STAGE PRESENTER
SR	SOUND REINFORCEMENT
SS	SECURITY SYSTEM

T

TBB	TELECOMMUNICATIONS BONDING BACKBONE
TE	TELECOMMUNICATIONS ENCLOSURE
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BACKBONE
TPC	TEACHERS PERSONAL COMPUTER
TR	TELECOMMUNICATIONS ROOM
TYP	TYPICAL

U

UNO	UNLESS NOTED OTHERWISE

V

V	VOICE
VID	VIDEO
VOD	VIDEO ON DEMAND
VoIP	VOICE OVER INTERNET PROTOCOL
VP	VIDEO PROJECTOR

W

WAP	WIRELESS ACCESS POINT
WG	WIREGUARD; SIZED SPECIFICALLY FOR DEVICE IT IS SERVING
WP	WEATHERPROOF

X

XGS-PON-10	10 GIGABIT SYNCHRONOUS - PASSIVE OPTICAL NETWORK

TECHNOLOGY SHEET INDEX

SHEET NUMBER	SHEET NAME
T1.1	GENERAL NOTES, ABBREVIATIONS, LEGENDS, DIAGRAMS AND SHEET INDEX
T1.2	TECHNOLOGY DETAILS
T1.3	TECHNOLOGY DETAILS
T2.1	TECHNOLOGY SITE PLAN
T3.1	ENLARGED TECHNOLOGY ROOMS
TC1.1	FIRST FLOOR TECHNOLOGY CABLING PLAN
TC1.2	SECOND FLOOR TECHNOLOGY CABLING PLAN
TE1.1	FIRST FLOOR TECHNOLOGY EQUIPMENT PLAN
TE1.2	SECOND FLOOR TECHNOLOGY EQUIPMENT PLAN

TECHNOLOGY CABLING/EQUIPMENT GENERAL NOTES

A RACK LAYOUTS SHALL NOT BE CHANGED WITHOUT APPROVAL FROM THE ARCHITECT AND THE CONSTRUCTION MANAGER.

B ALL EQUIPMENT, OWNER OR CONTRACTOR PROVIDED, SHALL BE MOUNTED IN THE RACKS WITH THE PROPER MOUNTING HARDWARE AND WITH THE PROPER PATCH CABLE LENGTH AND COLOR.

C TECHNOLOGY CABLING CONTRACTORS ARE RESPONSIBLE FOR PROVIDING, BUT IS NOT LIMITED TO, THE FOLLOWING FOR THEIR RESPECTIVE SPECIFICATION SECTIONS: TWO POST RACKS, FOUR POST RACKS, WALL/FLOOR MOUNT CABINETS, VERTICAL CABLE MANAGERS, HORIZONTAL CABLE MANAGERS, PATCH PANELS, FIBER ENCLOSURES AND COUPLER PANELS, BLANK PANELS, SHELVES FOR ANY OWNER EQUIPMENT OR EQUIPMENT NOT RACK MOUNTABLE, AND PAGING SYSTEM.

D TECHNOLOGY EQUIPMENT CONTRACTORS ARE RESPONSIBLE FOR PROVIDING, BUT IS NOT LIMITED TO, THE FOLLOWING FOR THEIR RESPECTIVE SPECIFICATION SECTIONS: NETWORK SWITCHES, CORE SWITCHES, FILE SERVER, NTP SERVER, VOD SERVER (DIGITAL MEDIA MANAGEMENT SYSTEM), ENCODER CHASSIS (DIGITAL MEDIA MANAGMENT SYSTEM), IP KVM, IP TELEPHONE GATEWAY, UPS UNITS, COORDINATING A-SITE EQUIPMENT INSTALLATION AND OR PROGRAMING, PATCH CABLES, AND PATCH CABLES FOR OWNER EQUIPMENT.

E REFER TO SPECIFICATIONS FOR DETAILS AND MORE INFORMATION INCLUDING MISC.MATERIALS REQUIRED TO BE PROVIDED.

F ALL EQUIPMENT, OWNER OR CONTRACTOR PROVIDED, SHALL BE MOUNTED IN THE RACKS WITH THE PROPER MOUNTING HARDWARE AND WITH THE PROPER PATCH CABLE LENGTH AND COLOR.

G TECHNOLOGY DRAWINGS COVER ALL OF DIVISION 27 AND 28 SPECIFICATIONS EXCLUDING FIRE ALARM. IT IS HIGHLY RECOMMENDED THAT THE CONTRACTOR REVIEWS DIVISION 27 AND 28 SPECIFICATIONS AND ATTENDS THE PRE BID MEETING PRIOR TO SUBMITTING BIDS..

H ALL CABLING IN EXPOSED AREAS MUST BE ENCLOSED IN A CONDUIT. PAINT CONDUIT TO MATCH SURROUNDING AREA.

I THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TECHNOLOGY SYSTEMS ROUGH-IN REQUIREMENTS, COORDINATE WITH THE SYSTEMS SUPPLIER FOR ANY VENDOR SPECIFIC REQUIREMENTS.

J CONTRACTORS SHALL PROVIDE APPROPRIATE FACEPLATES, JACKS, CONNECTORS, AND CABLING FOR EACH TECHNOLOGY ROUGH-IN INDICATED.

K CONTRACTORS SHALL PROVIDE ALL TERMINATIONS FOR CABLING INDICATED.

L CONTRACTORS SHALL LABEL ALL CABLING AS REQUIRED BY PER THE LASTEST NEC AND ANSI/TIA/EIA-606 STANDARDS.

M CABLE TIES ARE FOR OUTDOOR USE ONLY AND SHALL BE TRIMMED TO AVOID SHARP EDGES WITH FLUSH CUTTERS.

N PROVIDE BLACK NON-PRINTED VELCRO STRAPS FOR INDOOR USE. USE PLENUM WHERE REQUIRED.

O PROVIDE COVER PLATES ON ALL EMPTY TECHNOLOGY ROUGH-INS.

P CONTRACTORS SHALL COORDINATE INSTALLATION AND GROUNDING OF TELEPHONE, CATV, AND ITC DEMARCS/SERVICE ENTRANCES.

Q EACH WAP LOCATION REQUIRES TWO (2) SHIELDED CAT 6a CABLES.

R TYPICAL TECHNOLOGY ROUGH-INS, IN NEW WALLS, ARE 2-GANG OUTLET BOXES, 3-1/2" DEEP WITH A MIN OF 1-1/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. TECHNOLOGY ROUGH-INS ON EXISTING WALLS WILL BE SURFACE MOUNTED DUAL CHANNEL RACEWAY.

S ANY PENETRATION THROUGH FIRE WALLS MUST USE 2" CONDUIT AND PROPER FIRE STOPPING PER THE LASTEST CODES AND STANDARDS.

T CEILING SPACE IS USED AS A PLENUM, ALL CABLE AND INSULATION MATERIALS SHALL BE PLENUM RATED.

STATE OF OHIO
MATTHEW R. HIBNER
#1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	12/11/2025

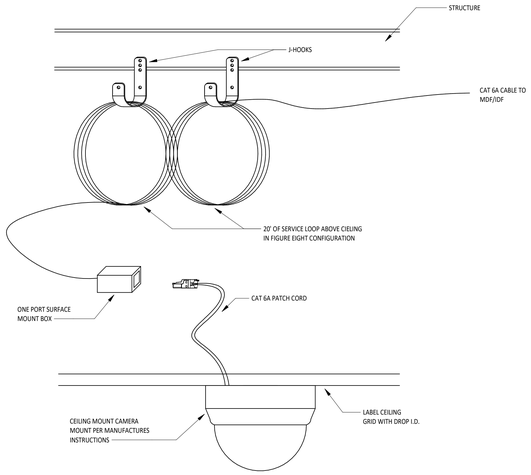
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25041.00	CDT	NDL

SHEET TITLE:
GENERAL NOTES, ABBREVIATIONS, LEGENDS, DIAGRAMS AND SHEET INDEX

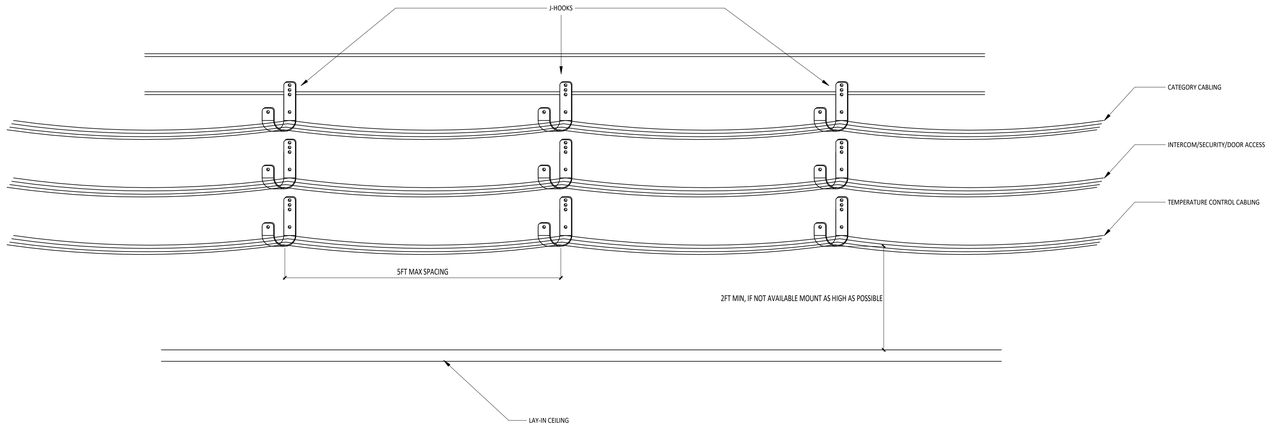
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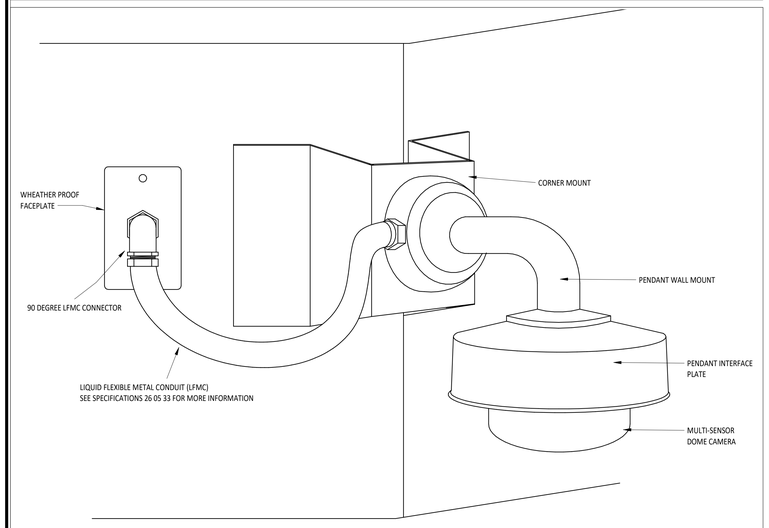
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1 T1.2 **TYPICAL CEILING MOUNT CAMERA DETAIL**



2 T1.2 **TYPICAL CABLE SUPPORT DETAIL**



3 T1.2 **TYPICAL CCTV SCHEMATIC**

BONDING CONDUCTORS TO BE CONNECTED TO APPROPRIATE SECTION

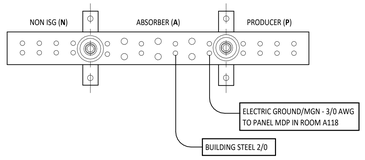
NON ISG (N) SECTION
CABLE TRAYS
EQUIPMENT CHASSIS GROUNDS
SERVER AND WIRE MGMT RACKS
ANY DATA/SERVER REFERENCE GROUNDS

ABSORBER (A) SECTION
TBC/TBB CONNECTION
BUILDING STEEL CONNECTION
BUILDING ELECTRIC GROUND/MGN CONNECTION

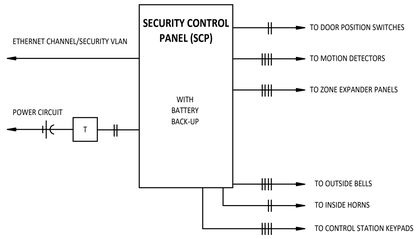
PRODUCER (P) SECTION
METALLIC CABLE SHIELDS (TELEPHONE, CATV, ETC.)
EXTERNAL ANTENNA SHIELDS
LIGHTNING ARRESTORS/PROTECTORS (COMMUNICATIONS, ALL TYPES)

REFER TO BONDING AND GROUNDING SPECIFICATIONS
27 0526 FOR GROUNDING AND BONDING REQUIREMENTS FOR TECHNOLOGY CABLING/EQUIPMENT

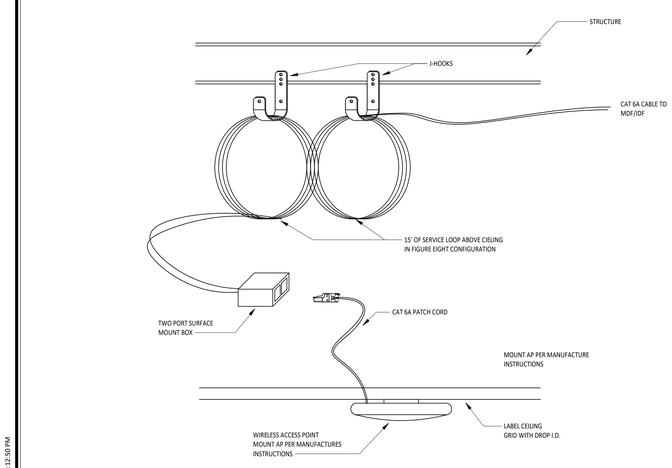
SECODARY BONDING BUSBAR (SBB)
TELECOMMUNICATIONS ROOM - TR-A115



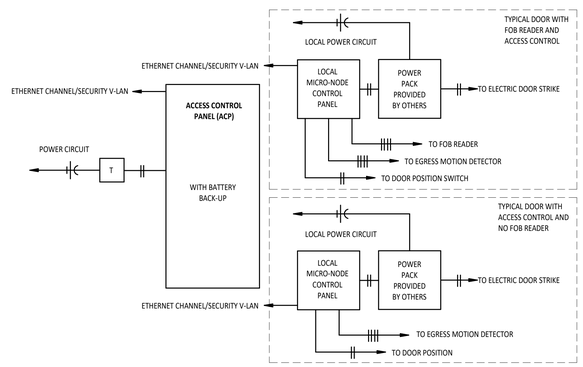
4 T1.2 **GROUNDING AND BONDING SCHEMATIC DIAGRAM**



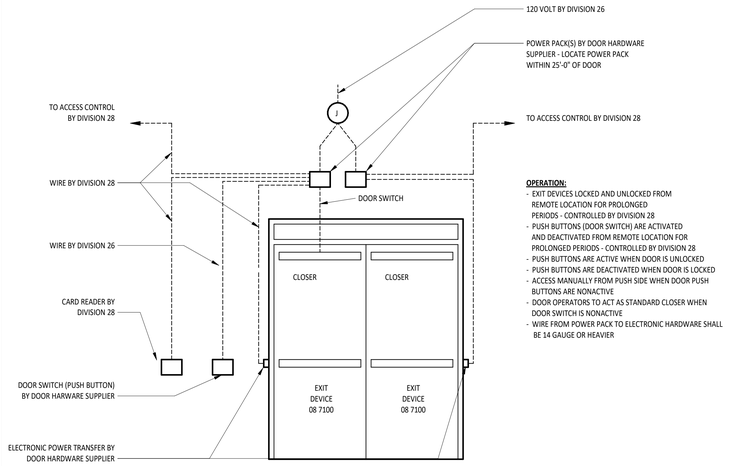
5 T1.2 **RISER DIAGRAM - SECURITY SYSTEM**



6 T1.2 **TYPICAL WIRELESS ACCESS POINT DETAIL**



7 T1.2 **RISER DIAGRAM - ACCESS CONTROL SYSTEM**



OPERATION:
- EXIT DEVICES LOCKED AND UNLOCKED FROM REMOTE LOCATION FOR PROLONGED PERIODS - CONTROLLED BY DIVISION 28
- PUSH BUTTONS (DOOR SWITCH) ARE ACTIVATED AND DEACTIVATED FROM REMOTE LOCATION FOR PROLONGED PERIODS - CONTROLLED BY DIVISION 28
- PUSH BUTTONS ARE ACTIVE WHEN DOOR IS UNLOCKED
- PUSH BUTTONS ARE DEACTIVATED WHEN DOOR IS LOCKED
- ACCESS MANUALLY FROM PUSH SIDE WHEN DOOR PUSH BUTTONS ARE NONACTIVE
- DOOR OPERATORS TO ACT AS STANDARD CLOSER WHEN DOOR SWITCH IS NONACTIVE
- WIRE FROM POWER PACK TO ELECTRONIC HARDWARE SHALL BE 14 GAUGE OR HEAVIER

8 T1.2 **ACCESS CONTROL SYSTEM SCHEMATIC WIRE DIAGRAM - DUAL DOOR WITH ADO**

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

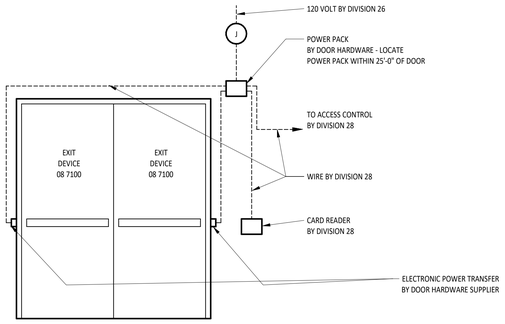
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	CDT	NDL

SHEET TITLE:
TECHNOLOGY DETAILS

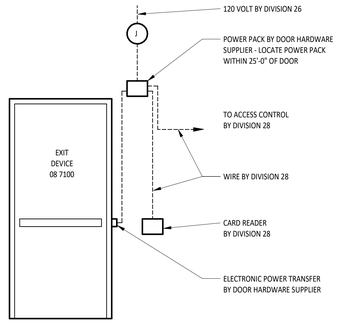
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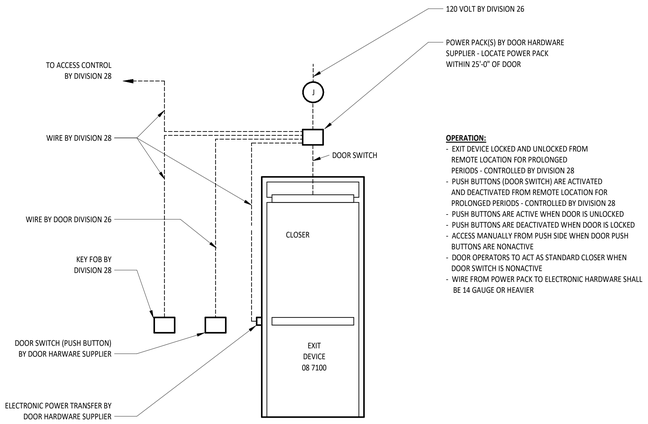
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1 T1.3 **ACCESS CONTROL SYSTEM SCHEMATIC WIRE DIAGRAM - DUAL DOOR**

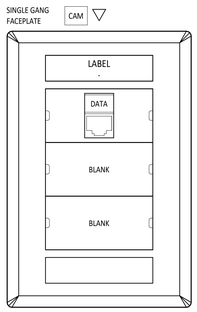


2 T1.3 **ACCESS CONTROL SYSTEM SCHEMATIC WIRE DIAGRAM - SINGLE DOOR**



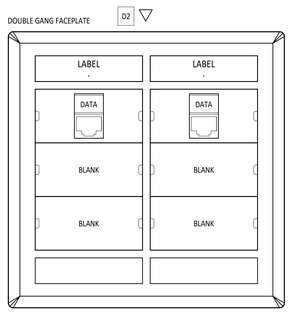
OPERATION:
- EXIT DEVICE LOCKED AND UNLOCKED FROM REMOTE LOCATION FOR PROLONGED PERIODS - CONTROLLED BY DIVISION 28
- PUSH BUTTONS (DOOR SWITCH) ARE ACTIVATED AND DEACTIVATED FROM REMOTE LOCATION FOR PROLONGED PERIODS - CONTROLLED BY DIVISION 28
- PUSH BUTTONS ARE ACTIVE WHEN DOOR IS UNLOCKED
- PUSH BUTTONS ARE DEACTIVATED WHEN DOOR IS LOCKED
- ACCESS MANUALLY FROM PUSH SIDE WHEN DOOR PUSH BUTTONS ARE NONACTIVE
- DOOR OPERATORS TO ACT AS STANDARD CLOSER WHEN DOOR SWITCH IS NONACTIVE
- WIRE FROM POWER PACK TO ELECTRONIC HARDWARE SHALL BE 14 GAUGE OR HEAVIER

3 T1.3 **ACCESS CONTROL SYSTEM SCHEMATIC WIRE DIAGRAM - SINGLE DOOR WITH ADO**



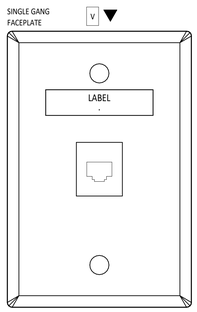
TYPICAL TYPE (CAM) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A GREEN CABLE TO TR AS INDICATED ON PLANS

4 T1.3 **CAMERA OUTLET (CAM)**



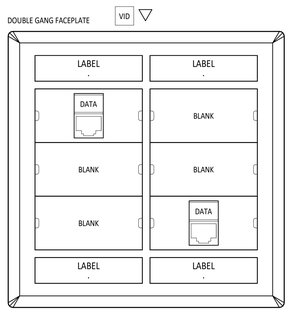
TYPICAL TYPE (D2) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (2) CAT 6A BLUE CABLES TO TR AS INDICATED ON PLANS

5 T1.3 **DATA OUTLET (D2)**



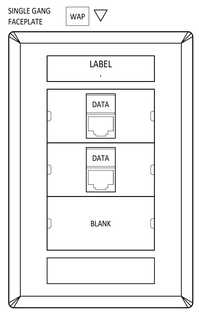
TYPICAL TYPE (V1) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A YELLOW CABLE TO TR AS INDICATED ON PLANS

6 T1.3 **WALL PHONE OUTLET (V1)**



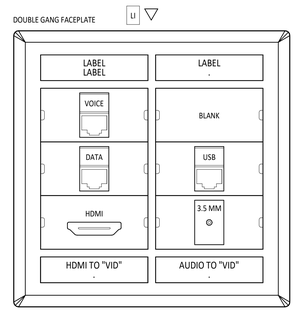
TYPICAL TYPE (VID) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A BLUE CABLES TO TR AS INDICATED ON PLANS
- (1) CAT 6A ORANGE CABLE TO TR AS INDICATED ON PLANS

7 T1.3 **VIDEO OUTLET (VID)**



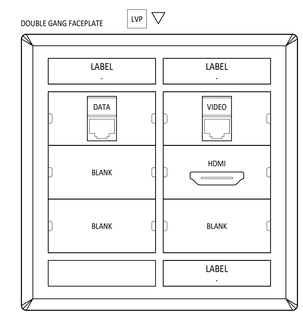
TYPICAL TYPE (WAP) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (2) CAT 6A BLUE CABLE TO TR AS INDICATED ON PLANS

8 T1.3 **WIRELESS ACCESS POINT OUTLET (WAP)**



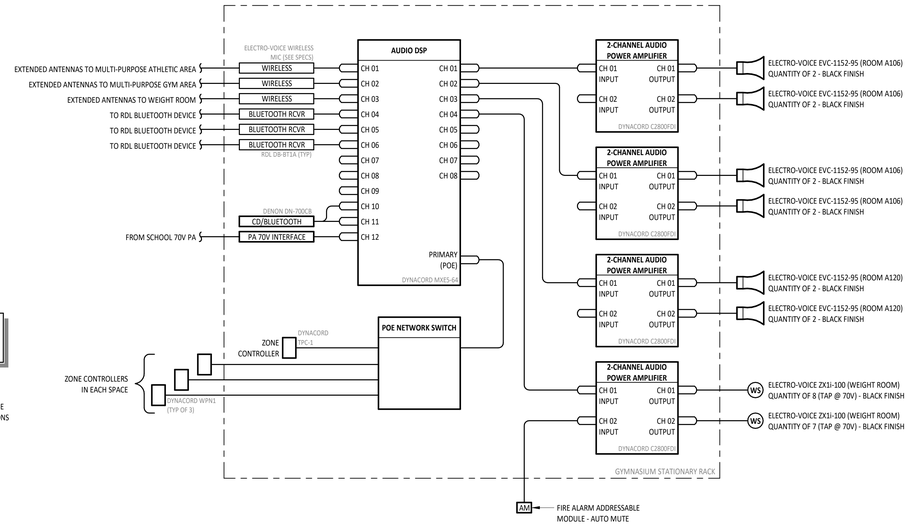
TYPICAL TYPE (LI) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6 ORANGE CABLE TO TYPICAL TYPE "VID" OUTLET
- (1) HDMI TO TYPICAL "VID" TYPE OUTLET
- (1) 3.5MM AUDIO TO TYPICAL "VID" TYPE OUTLET
- (1) CAT 6 BLUE CABLE TO TR AS INDICATED ON PLANS
- (1) CAT 6 YELLOW CABLE TO TR AS INDICATED ON PLANS

9 T1.3 **LOCAL INPUT OUTLET (LI)**



TYPICAL TYPE (LVP) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6 BLUE CABLE TO TR AS INDICATED ON PLANS
- (1) HDMI FROM TYPICAL "SA" TYPE OUTLET
- (1) HDMI TO PROJECTOR

10 T1.3 **LARGE VENUE PROJECTOR OUTLET (LVP)**



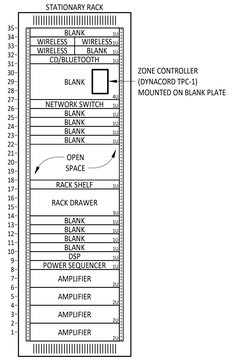
GENERAL NOTES:
A. COORDINATE BACKBOX AND RACEWAY REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO START OF CONSTRUCTION.

WIRELESS MICROPHONE
REFER TO SPECIFICATIONS

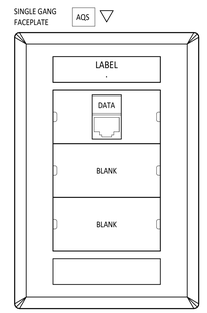
WIRELESS MICROPHONE
REFER TO SPECIFICATIONS

WIRELESS MICROPHONE
REFER TO SPECIFICATIONS

11 T1.3 **ATHLETIC COMPLEX SOUND SYSTEM**



* MINIMUM 35 RACK UNITS
TALL, PROVIDE ALL COMPONENTS
REQUIRED IN SPECIFICATIONS



TYPICAL TYPE (AQS) OUTLET - LABEL AS SHOWN IN DETAILS & ABOVE
- (1) CAT 6A BLUE CABLE TO TR AS INDICATED ON PLANS

12 T1.3 **CAMERA OUTLET (CAM)**

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR

FORT LORAMIE LOCAL SCHOOLS
ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25041.00	CDT/CDS	NDL

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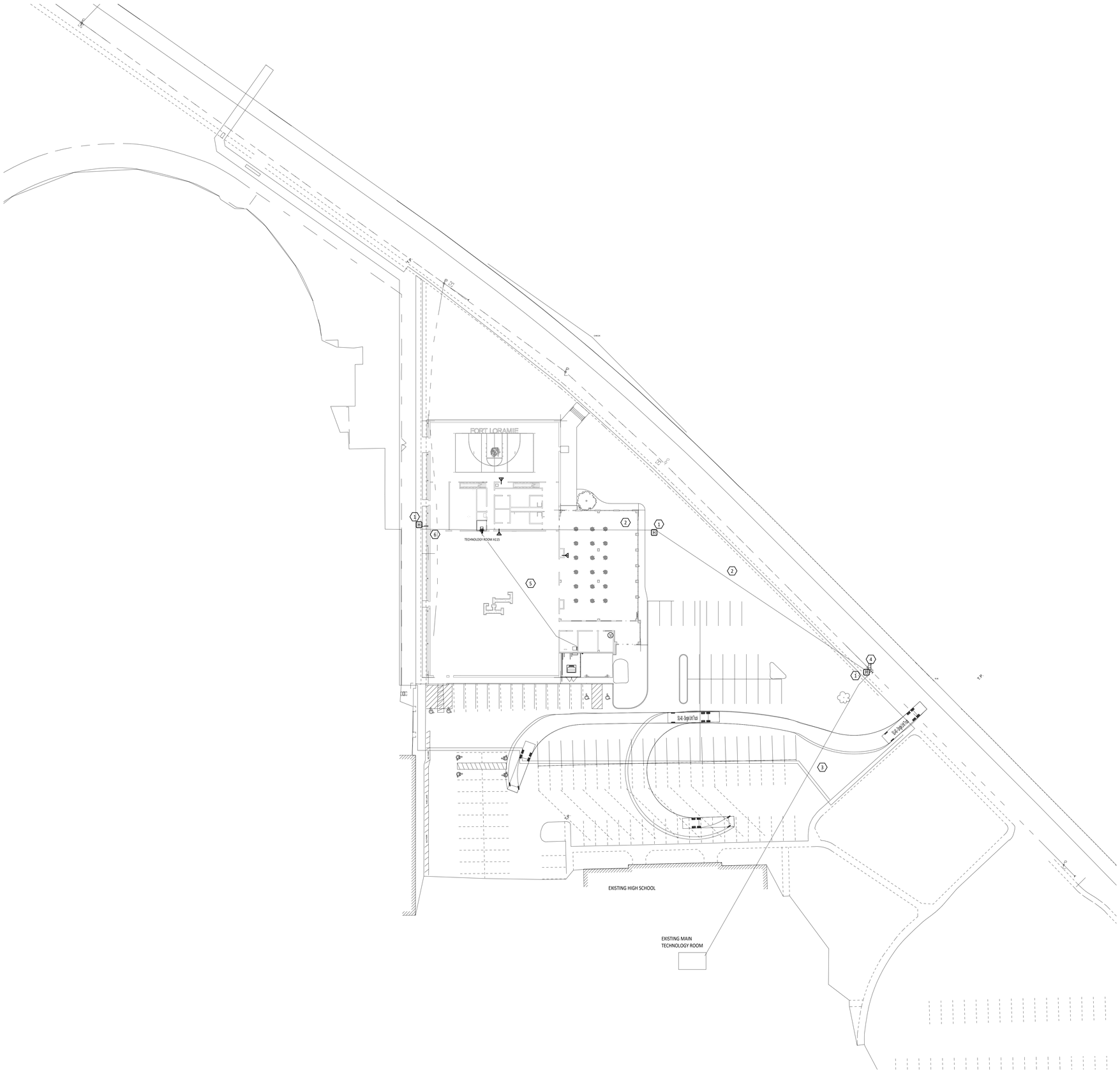
TECHNOLOGY DETAILS

SHEET NUMBER:

T1.3

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1 T2.1 **TELECOMMUNICATIONS SITE PLAN**
1" = 30'-0"

#	KEYNOTE DESCRIPTION
1	DIVISION 26 TO PROVIDE 24"X36"X24" HANDHOLE FOR TECHNOLOGY CABLING.
2	ONE (1) 3" CONDUIT WITH A 3-CELL FABRIC INNERDUCT PROVIDED BY DIVISION 26. DIVISION 27 TO PROVIDE ONE (1) 6 STRAND SINGLE MODE FIBER FOR COMMUNICATIONS FROM NEW TECHNOLOGY ROOM TO THE MAIN TECHNOLOGY ROOM IN THE HIGHSCHOOL.
3	EXISTING 2" CONDUIT FROM ISP PEDESTAL TO MAIN TECHNOLOGY ROOM. COORDINATE WITH OWNER WITH EXACT POSITION. DIVISION 27 TO ADD THE NEW 6-STRAND SINGLE MODE FIBER IN THIS CONDUIT WITHOUT HARMING THE EXISTING CABLES.
4	PROVIDE PATHWAY FROM HANDHOLE TO EXISTING CONDUIT
5	DIVISION 26 TO PROVIDE ONE (1) 1-1/2" CONDUIT FOR TECHNOLOGY ROOM GROUNDING WIRE.
6	TWO (2) 3" CONDUITS PROVIDED BY DIVISION 26.

STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

CONSTRUCTION DOCUMENTS	12/11/2025

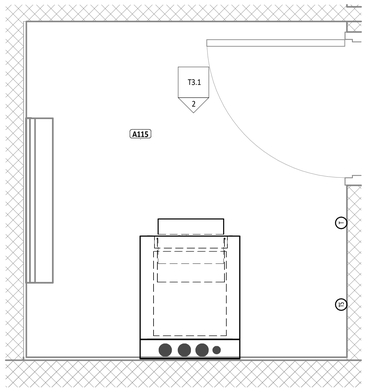
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25041.00	CDT	NDL

SHEET TITLE:
TECHNOLOGY SITE PLAN

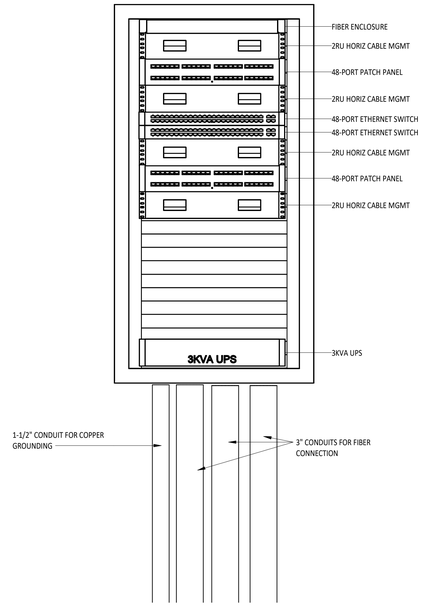
SHEET NUMBER:
T2.1

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1 T3.1 **TECHNOLOGY ROOM A115**
3/4" = 1'-0"



2 T3.1 **TECHNOLOGY ROOM A115 RACK 1**
1 1/2" = 1'-0"

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STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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NEW BUILDING FOR:

FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
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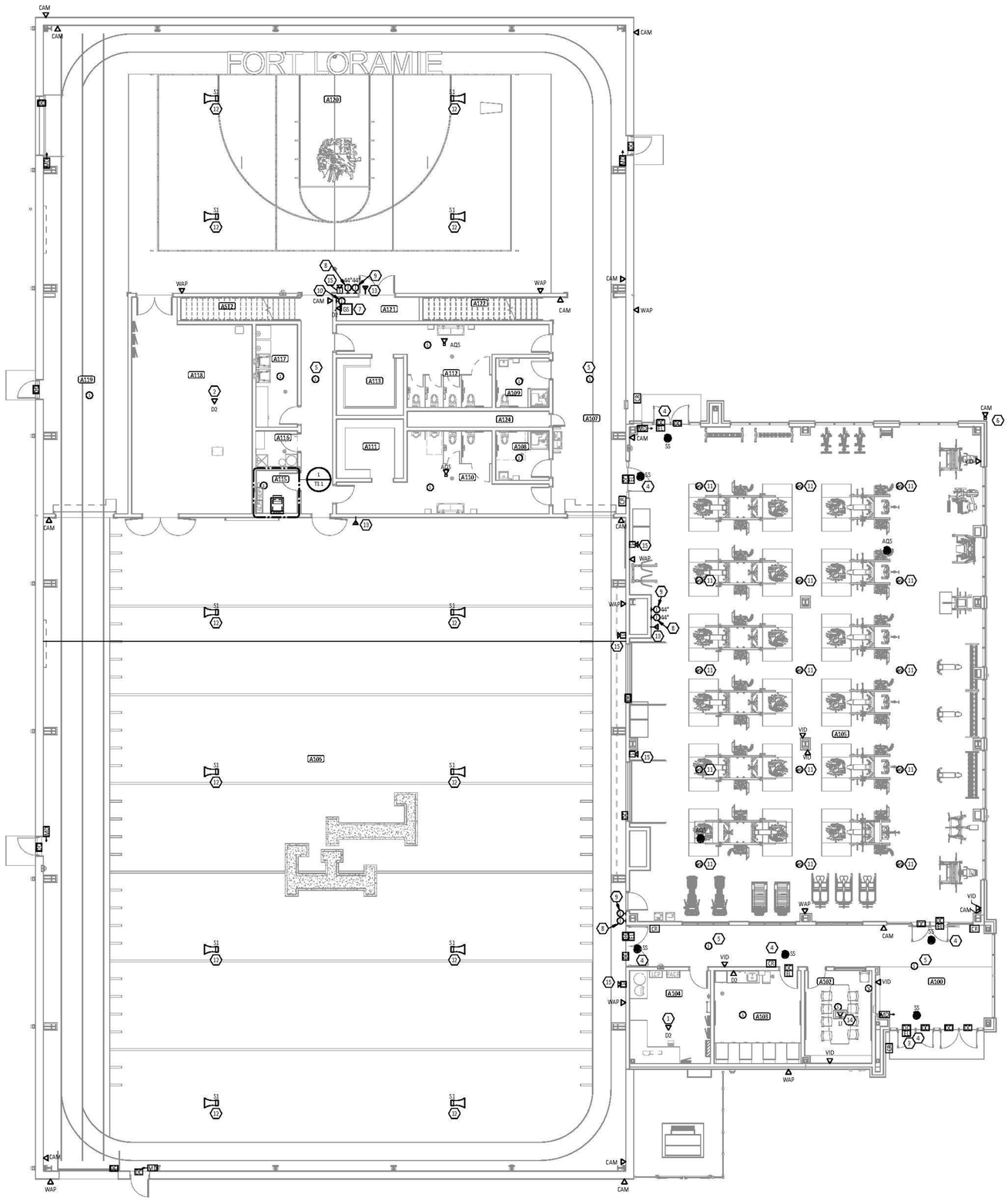
SHEET TITLE:

ENLARGED TECHNOLOGY ROOMS

SHEET NUMBER:

T3.1

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FIRST FLOOR PLAN ROOM INDEX		
ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	329 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECHANICAL / ELECTRICAL ROOM	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE athletic ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	FAMILY RESTROOM / SHOWER	74 SF
A109	FAMILY RESTROOM / SHOWER	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	307 SF
A113	WOMENS CHANGING ROOM	111 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL CLOSET	42 SF
A117	LAUNDRY ROOM	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	PROVIDE A "D2" OUTLET FOR ELECTRICAL NETWORK CONNECTION. COORDINATE EXACT LOCATION AND PATHWAYS WITH THE ELECTRICAL CONTRACTOR.
2	PROVIDE A "D2" OUTLET FOR THE HVAC NETWORK CONNECTION. COORDINATE EXACT LOCATION WITH HVAC CONTRACTOR AND PATHWAYS WITH THE ELECTRICAL CONTRACTOR.
3	SECURITY/ACCESS CONTROL CONTRACTOR SHALL INTEGRATE THE HANDICAP DOOR OPENER INTO THE ACCESS CONTROL SYSTEM. PROVIDE CABLING AND EQUIPMENT NECESSARY TO ACTIVATE INBOUND HANDICAP PUSH BUTTONS ON A VALID CARD READ AND TO UNLOCK DOOR ON OUTBOUND HANDICAP PUSH BUTTON. COORDINATE WITH THE GENERAL CONTRACTOR.
4	DOOR PROVIDED WITH ELECTRIC STRIKE BY DOOR HARDWARE SUPPLIER. DOOR HARDWARE SUPPLIER TO PROVIDE POWER PACK WITH DRY CONTACT FOR ELECTRIC STRIKE. PROVIDE WIRING FROM ELECTRIC STRIKE POWER PACK TO ACCESS CONTROL SYSTEM. COORDINATE WORK WITH HARDWARE SUPPLIER PRIOR TO ROUGH-IN. CONNECT DOOR TO ACCESS CONTROL SYSTEM TO PROVIDE INDIVIDUAL TIMED CONTROL OF THE ELECTRIC STRIKE. DIVISION 26 TO PROVIDE ALL PATHWAYS AND POWER REQUIRED FOR PROPER OPERATION.
5	PROVIDE A PENDANT SPEAKER POSITIONED THE SAME HEIGHT AS THE LIGHTS.
6	MOUNT CAM TYPE OUTLET IN SOFFIT AND PAINTED TO MATCH. PROVIDE CABLING FOR FUTURE CAMERA.
7	ATHLETIC COMPLEX SOUND SYSTEM STATIONARY RACK. REFER TO SPECIFICATION SECTION 27 51 24 AND DETAIL 11/T1.3 FOR ADDITIONAL INFORMATION.
8	REMOTE SWITCH FOR SOUND SYSTEM MOUNTED IN 1-GANG JUNCTION BOX.
9	WPN1 WALL CONTROLLER AND BLUETOOTH DEVICE FOR SOUND SYSTEM MOUNTED IN 2-GANG JUNCTION BOX.
10	COORDINATE FLUSH MOUNT BOX WITH ELECTRICAL CONTRACTOR.
11	ATHLETIC COMPLEX SOUND SYSTEM SPEAKER. SPEAKER SHALL BE HUNG SO BOTTOM IS EVEN WITH BOTTOM OF STRUCTURAL STEEL. CABLING SHALL BE ROUTED INSIDE CONDUIT. SPEAKER SHALL BE AIMED DIRECTLY DOWN.
12	ATHLETIC COMPLEX SOUND SYSTEM SPEAKER. SPEAKER SHALL BE HUNG SO BOTTOM IS EVEN WITH ADJACENT LIGHT FIXTURES. CABLING SHALL BE ROUTED INSIDE CONDUIT. SPEAKER SHALL BE AIMED DIRECTLY DOWN.
13	ANTENNA FOR WIRELESS MICROPHONE SYSTEM. COORDINATE ROUGH-IN REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR.
14	TERMINATE "U" OUTLET IN FLOOR BOX AND EXTEND A/V AND DATA CABLING TO TABLE TOP. COORDINATE WITH THE LOOSE FURNISHING CONTRACTOR.
15	PROVIDE QUAM QH16T SPEAKER HORN WITH CABLING TO TECHNOLOGY ROOM A115 FOR FUTURE PAGING CONNECTIONS.

1 TC1.1 FIRST FLOOR TECHNOLOGY CABLING PLAN - UNIT A
1/8" = 1'-0"

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
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FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING

NEW BUILDING FOR
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS	
CONSTRUCTION DOCUMENTS	12/11/2025

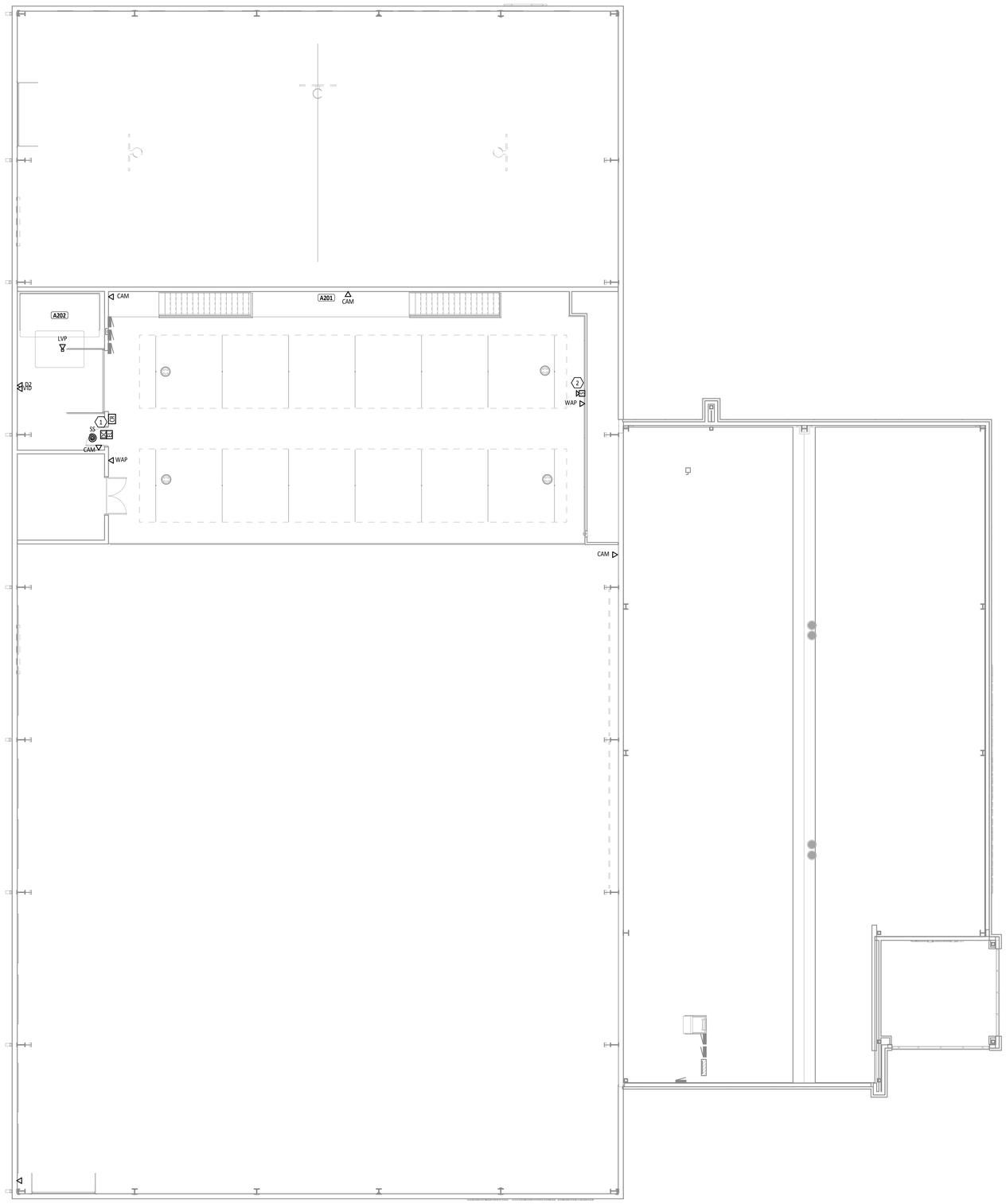
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
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SHEET TITLE:
FIRST FLOOR TECHNOLOGY CABLING PLAN

SHEET NUMBER:
TC1.1

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SECOND FLOOR PLAN ROOM INDEX - UNIT A

ROOM NUMBER	ROOM NAME	AREA
A100	VESTIBULE	323 SF
A101	CORRIDOR	291 SF
A102	COACH OFFICE	178 SF
A103	TRAINER	231 SF
A104	MECHANICAL / ELECTRICAL ROOM	215 SF
A105	WEIGHT ROOM	4,895 SF
A106	MULTI-PURPOSE ATHLETIC ROOM	10,934 SF
A107	CORRIDOR	455 SF
A108	FAMILY RESTROOM / SHOWER	74 SF
A109	FAMILY RESTROOM / SHOWER	73 SF
A110	MENS RESTROOM	317 SF
A111	MENS CHANGING ROOM	114 SF
A112	WOMENS RESTROOM	307 SF
A113	WOMENS CHANGING ROOM	111 SF
A114	CORRIDOR	199 SF
A115	TECH ROOM	52 SF
A116	CUSTODIAL CLOSET	42 SF
A117	LAUNDRY ROOM	122 SF
A118	STORAGE ROOM	689 SF
A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF
A201	MEZZANINE	3,103 SF
A202	GOLF SIMULATOR	372 SF
A203	STORAGE	202 SF
AST1	STAIR	82 SF
AST2	STAIR	89 SF

KEYNOTE LEGEND

#	KEYNOTE DESCRIPTION
1	DOOR PROVIDED WITH ELECTRIC STRIKE BY DOOR HARDWARE SUPPLIER. DOOR HARDWARE SUPPLIER TO PROVIDE POWER PACK WITH DRY CONTACT FOR ELECTRIC STRIKE. PROVIDE WIRING FROM ELECTRIC STRIKE POWER PACK TO ACCESS CONTROL SYSTEM. COORDINATE WORK WITH HARDWARE SUPPLIER PRIOR TO ROUGH-IN. CONNECT DOOR TO ACCESS CONTROL SYSTEM TO PROVIDE INDIVIDUAL TIMED CONTROL OF THE ELECTRIC STRIKE. DIVISION 26 TO PROVIDE ALL PATHWAYS AND POWER REQUIRED FOR PROPER OPERATION.
2	PROVIDE QUAM QH16T SPEAKER HORN WITH CABLING TO TECHNOLOGY ROOM A115 FOR FUTURE PAGING CONNECTIONS.

1 TC1.2 **SECOND FLOOR TECHNOLOGY CABLING PLAN**

N

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STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MANSFIELD, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmmgm.com

NEW BUILDING FOR
FORT LORAMIE LOCAL SCHOOLS ATHLETIC COMPLEX BUILDING
600 EAST PARK STREET, FORT LORAMIE, OHIO 45845

ISSUANCES/REVISIONS

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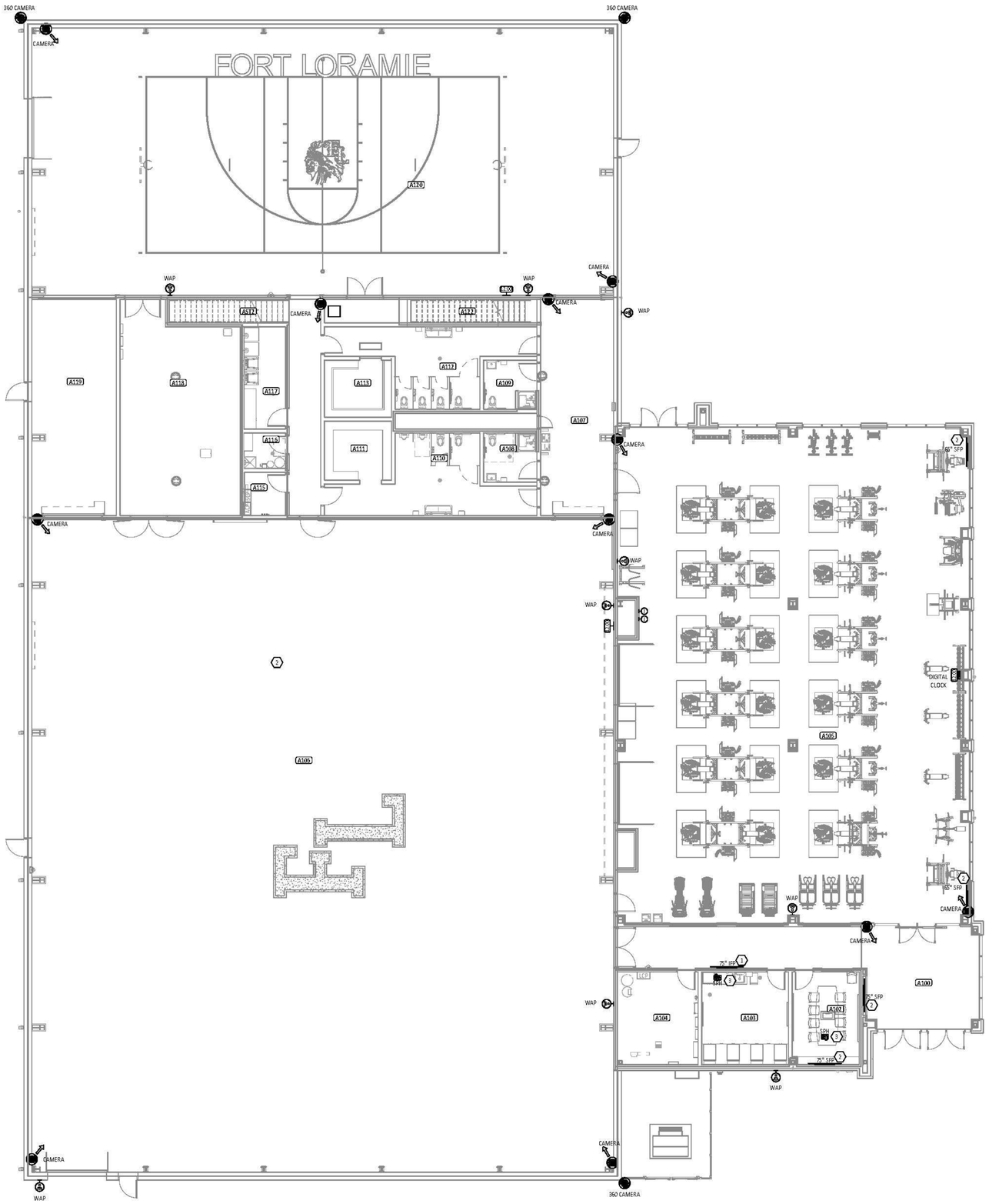
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SECOND FLOOR TECHNOLOGY CABLING PLAN

SHEET NUMBER:

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FIRST FLOOR PLAN ROOM INDEX		
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A119	CORRIDOR	529 SF
A120	MULTI-PURPOSE GYMNASIUM	4,483 SF
A121	STORAGE	51 SF

KEYNOTE LEGEND	
#	KEYNOTE DESCRIPTION
1	IFP TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.
2	SFP TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.
3	PROVIDE CISCO CP-7821-K9

1 TE1.1 FIRST FLOOR TECHNOLOGY EQUIPMENT PLAN
1/8" = 1'-0"

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STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2025

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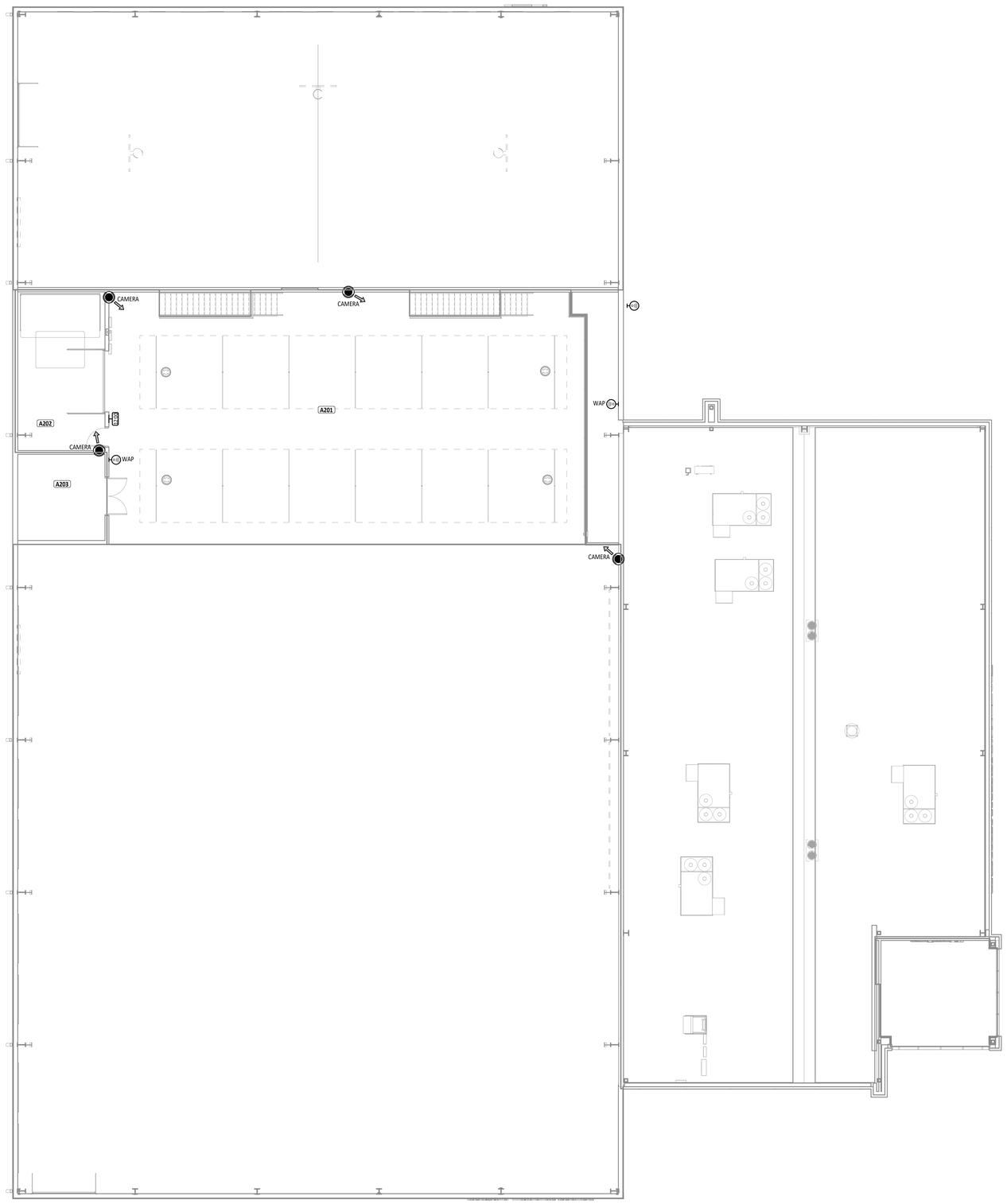
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SHEET TITLE:
FIRST FLOOR TECHNOLOGY EQUIPMENT PLAN

SHEET NUMBER:
TE1.1

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1 TE1.2 **SECOND FLOOR TECHNOLOGY EQUIPMENT PLAN**
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SECOND FLOOR PLAN ROOM INDEX - UNIT A

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