

CONSTRUCTION DOCUMENTS
CONVOCAATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

223193.00

2-22-2024

OWNER
**EDISON STATE
COMMUNITY
COLLEGE**



ARCHITECT
**FANNING HOWEY
ASSOCIATES INC.**
128 WEST MARKET STREET, CELINA,
OHIO 45822
419-586-7771



SITE/CIVIL ENGINEER
ACCESS ENGINEERING SOLUTIONS
1200 IRMSCHER BLVD, SUITE B
CELINA, OHIO 45822
(419) 586-1430



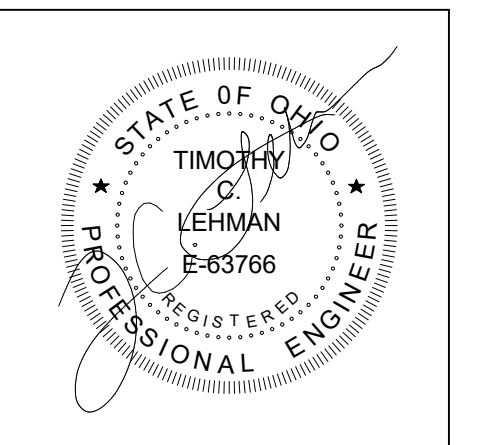
STRUCTURAL ENGINEER
JEZERINAC GEERS & ASSOCIATES, INC.
5640 FRANTZ RD
DUBLIN, OHIO 43017
(614) 766-0066



PLUMBING ENGINEERS
PRATER ENGINEERING ASSOCIATES, INC.
6130 WILCOX ROAD
DUBLIN, OHIO 43016
(614) 766-4896



CONSTRUCTION DOCUMENTS



PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

COVER SHEET

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE COMMUNITY COLLEGE

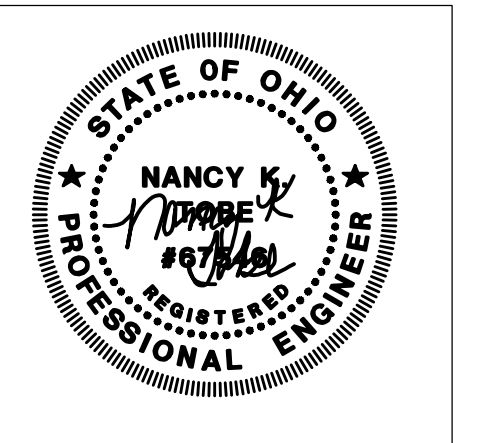


ARCHITECT



(419) 586-7771
128 WEST MARKET STREET
CELINA, OHIO 45822
WWW.FHAL.COM

CONSTRUCTION DOCUMENTS

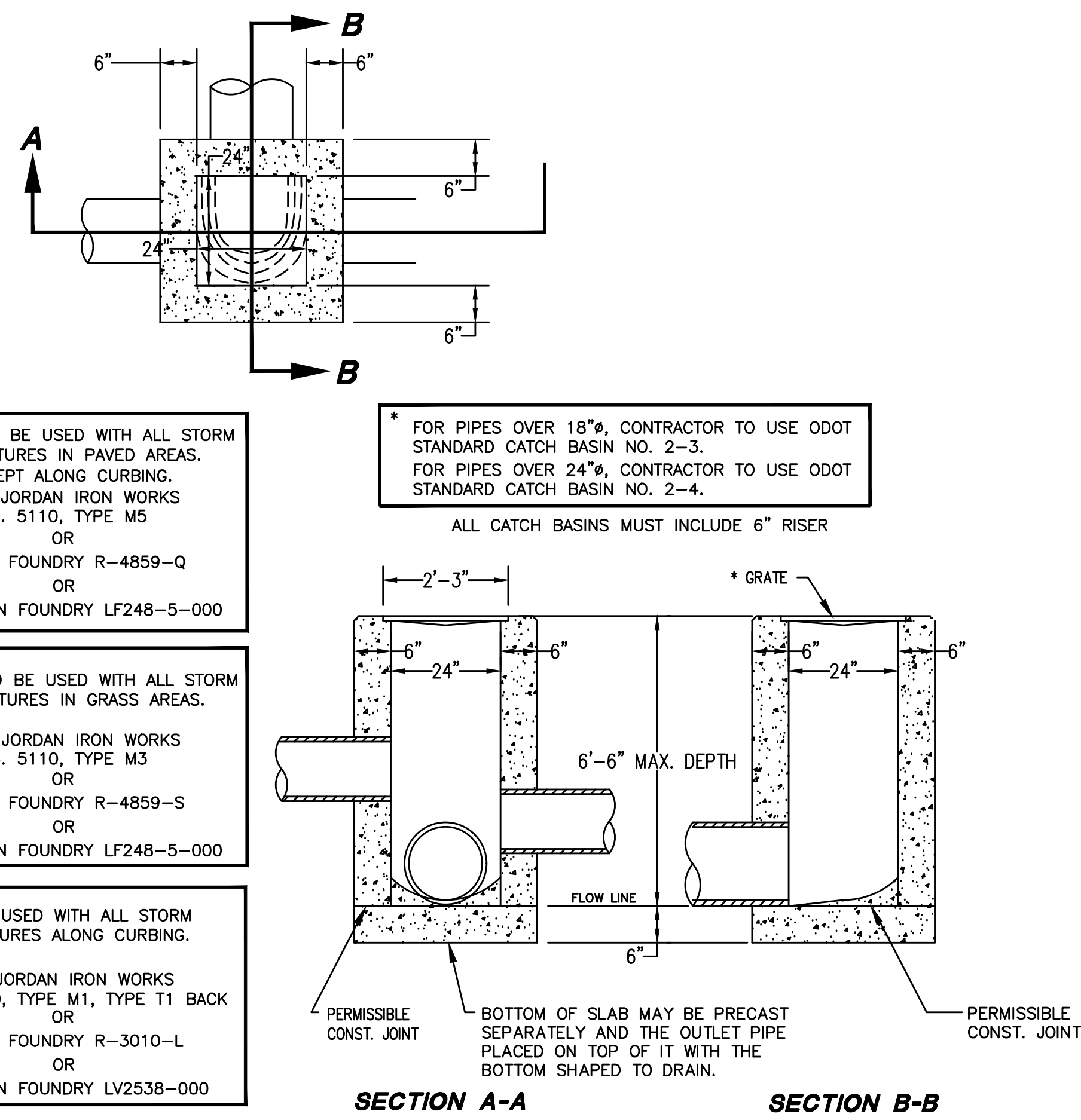


PROJECT MANAGER: R WIFORD
DRAWN BY: NKT
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 02/22/2024

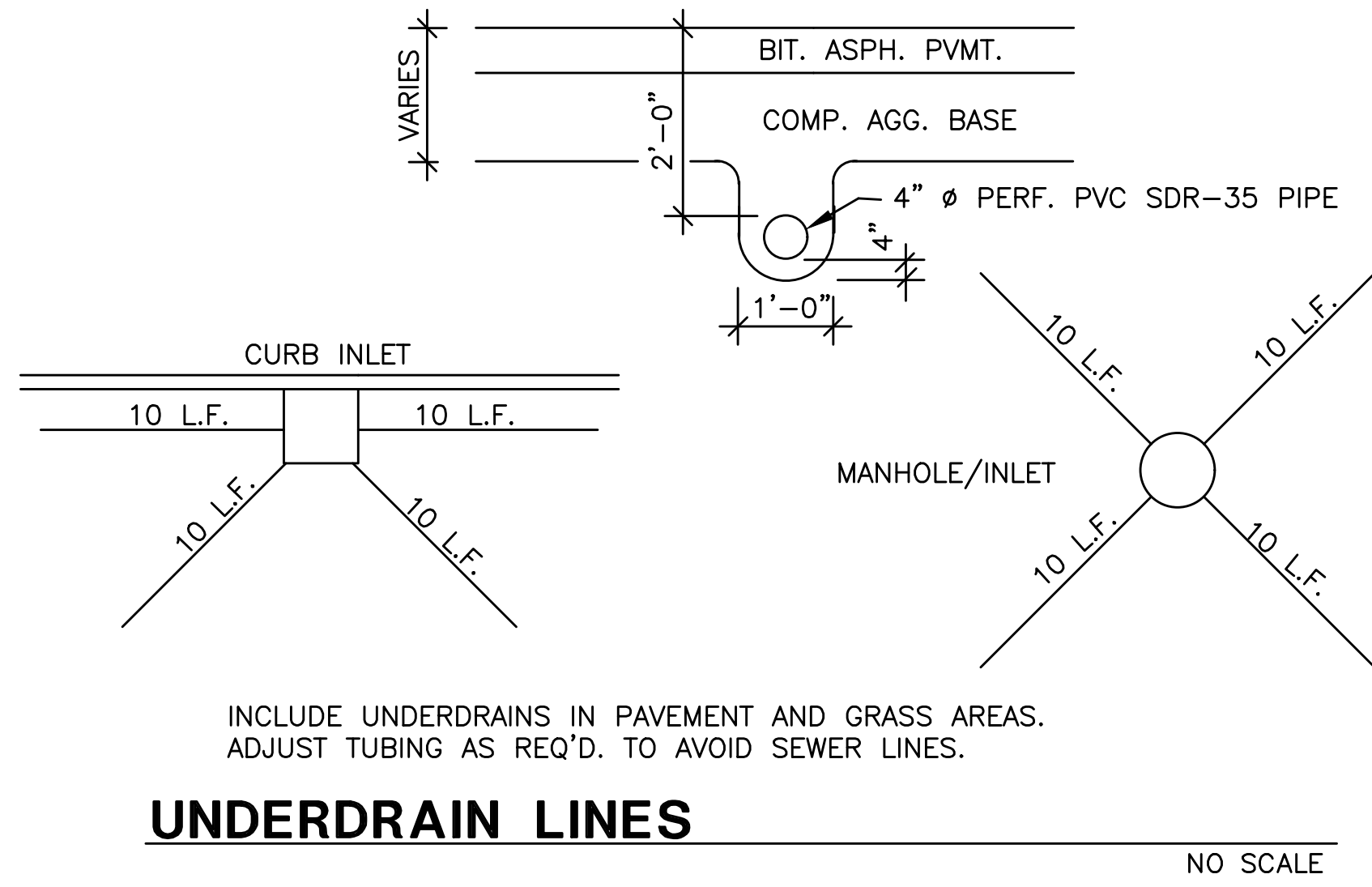
REV. NO.	DESCRIPTION	DATE

SITE UTILITIES DETAILS

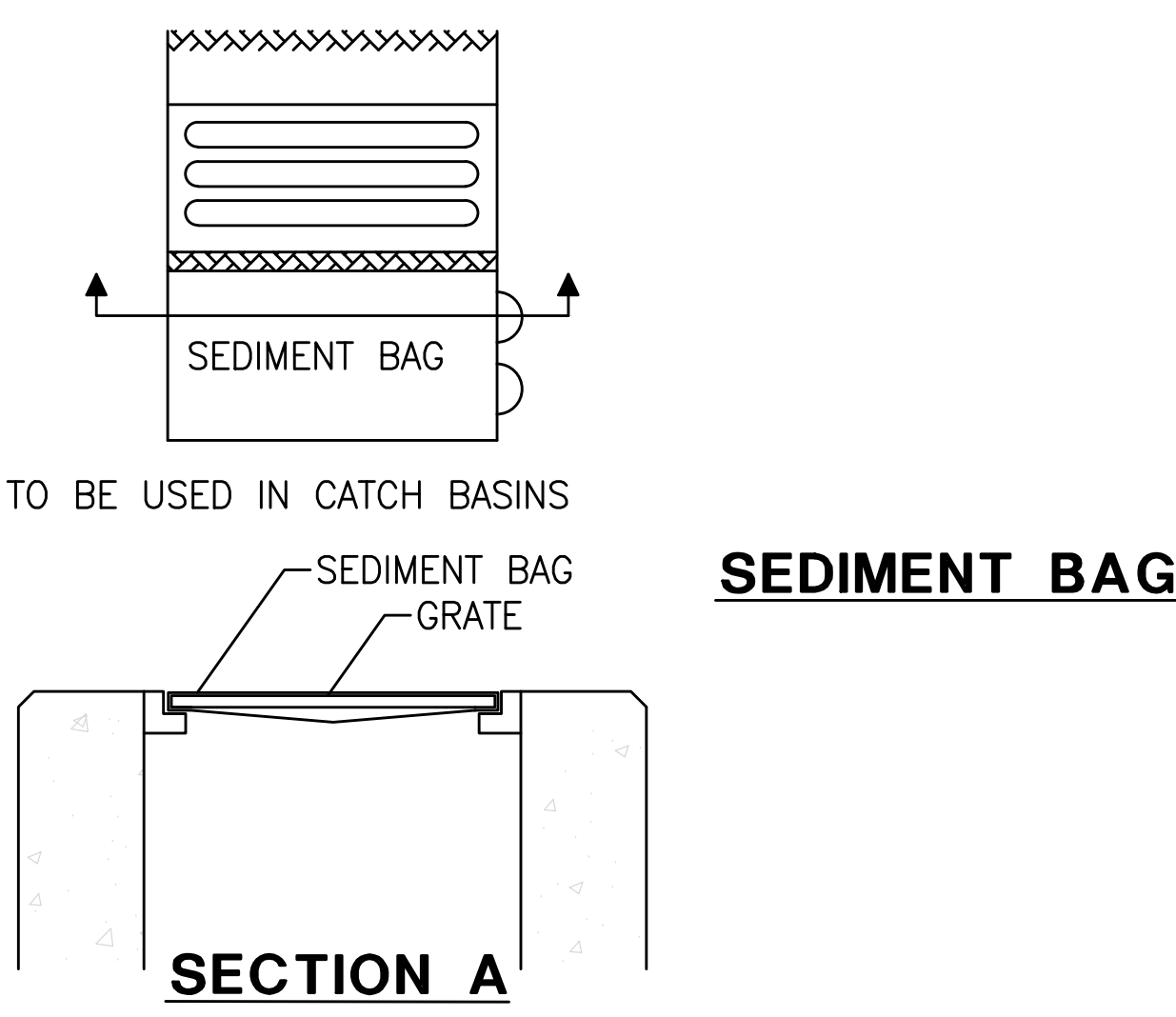
SD1.1



ODOT 2-2B CATCH BASIN
NOT TO SCALE



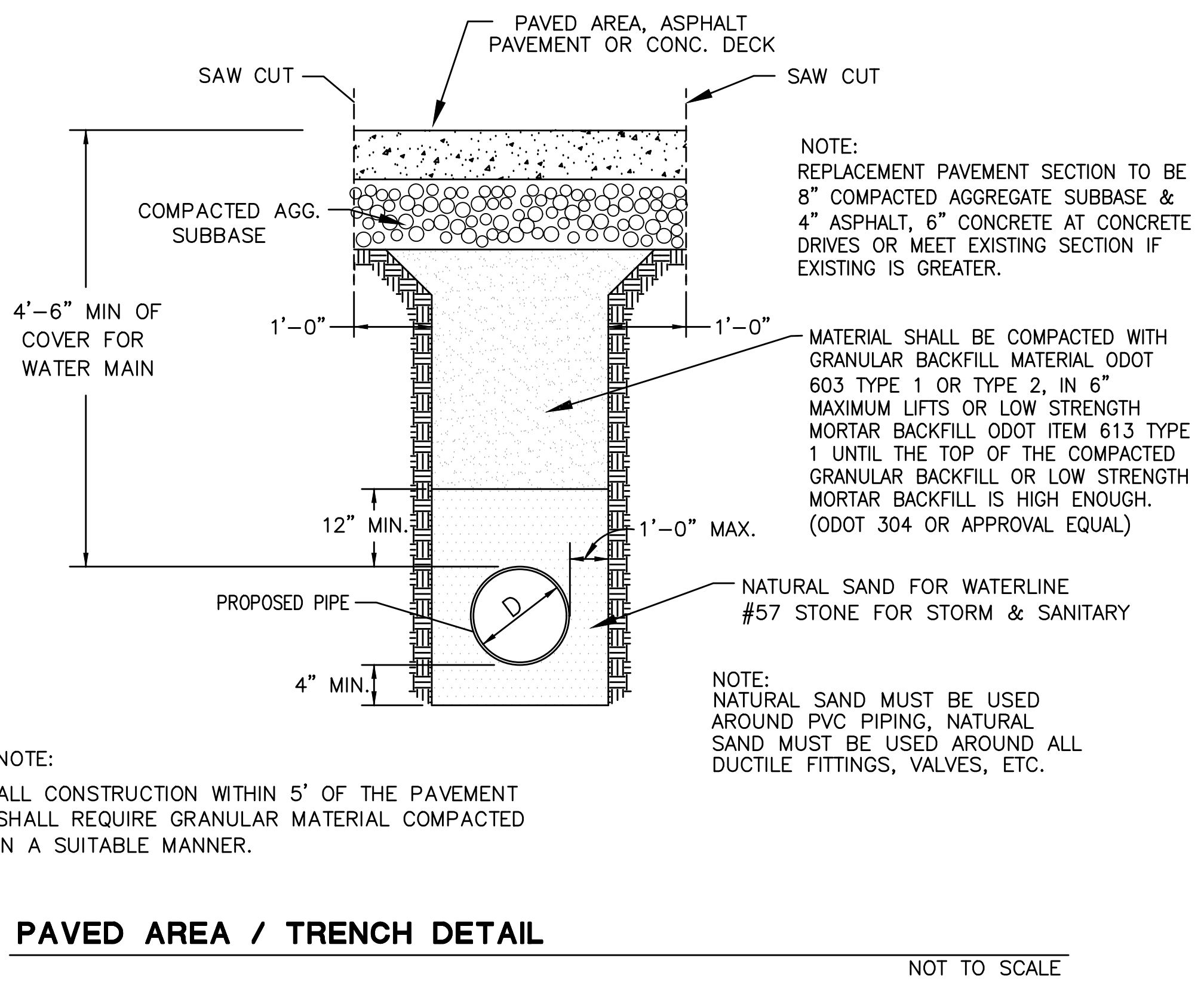
UNDERDRAIN LINES
NO SCALE



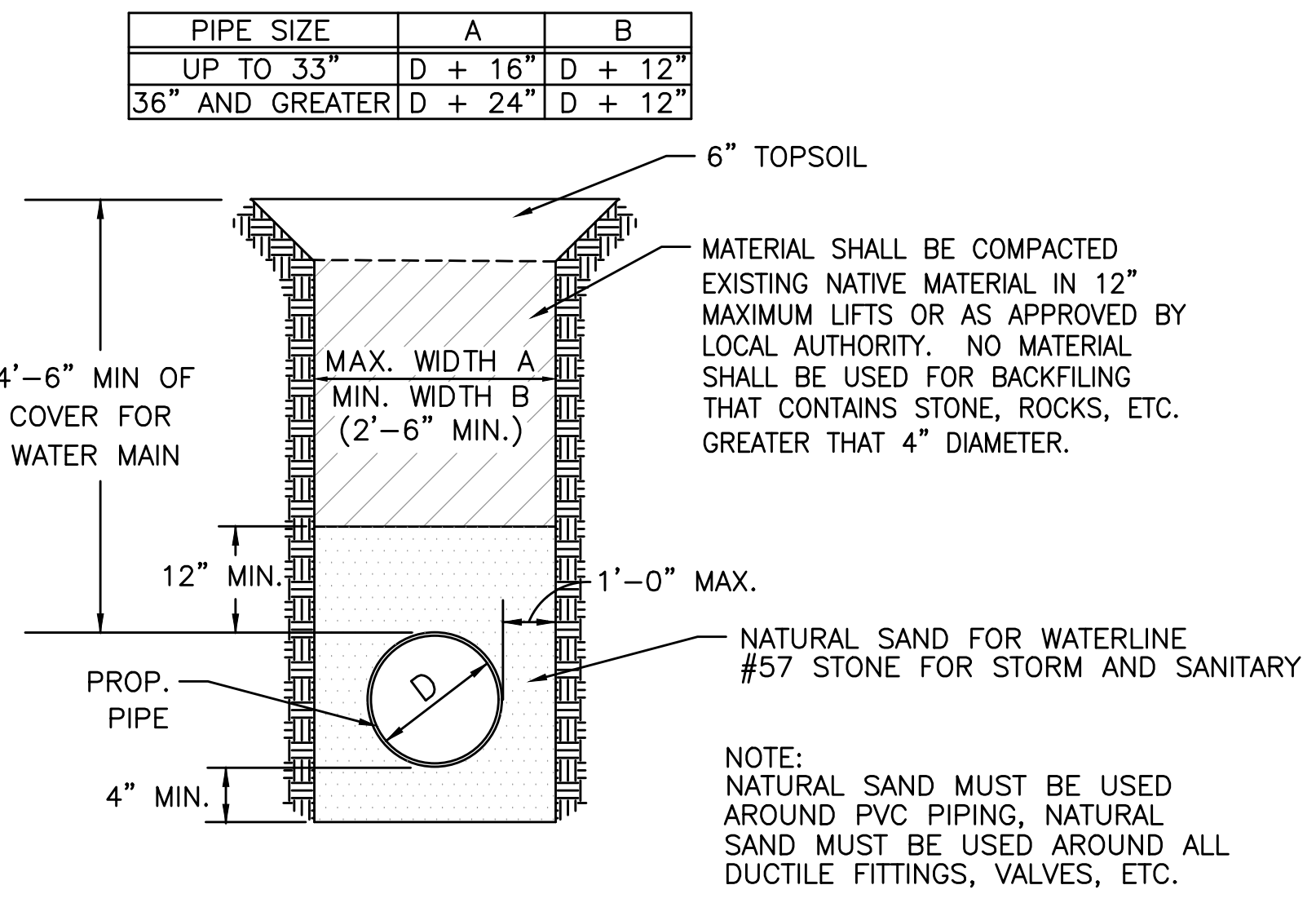
SEDIMENT BAG

INSTALLATION: STAND GRATE ON END, PLACE CASTING IN BAG, OVER GRATE, FLIP GRATE OVER SO THAT OPEN END IS UP, PULL UP SLACK, TUCK FLAP IN. BE SURE END OF GRATE IS COMPLETELY COVERED BY FLAP OR BAG WILL NOT FIT PROPERLY. HOLDING HANDLES, CAREFULLY PLACE THE BAG WITH GRATE INSERTED INTO CATCH BASIN FRAME. NO CASTING SHALL BE WRAPPED WITH LOOSE GEOSYNTHETIC MATERIAL, ONLY A BAG TYPE SYSTEM IS ACCEPTABLE.

MAINTENANCE: AFTER SILT HAS DRIED, REMOVE IT FROM THE SURFACE OF THE BAG WITH BROOM.



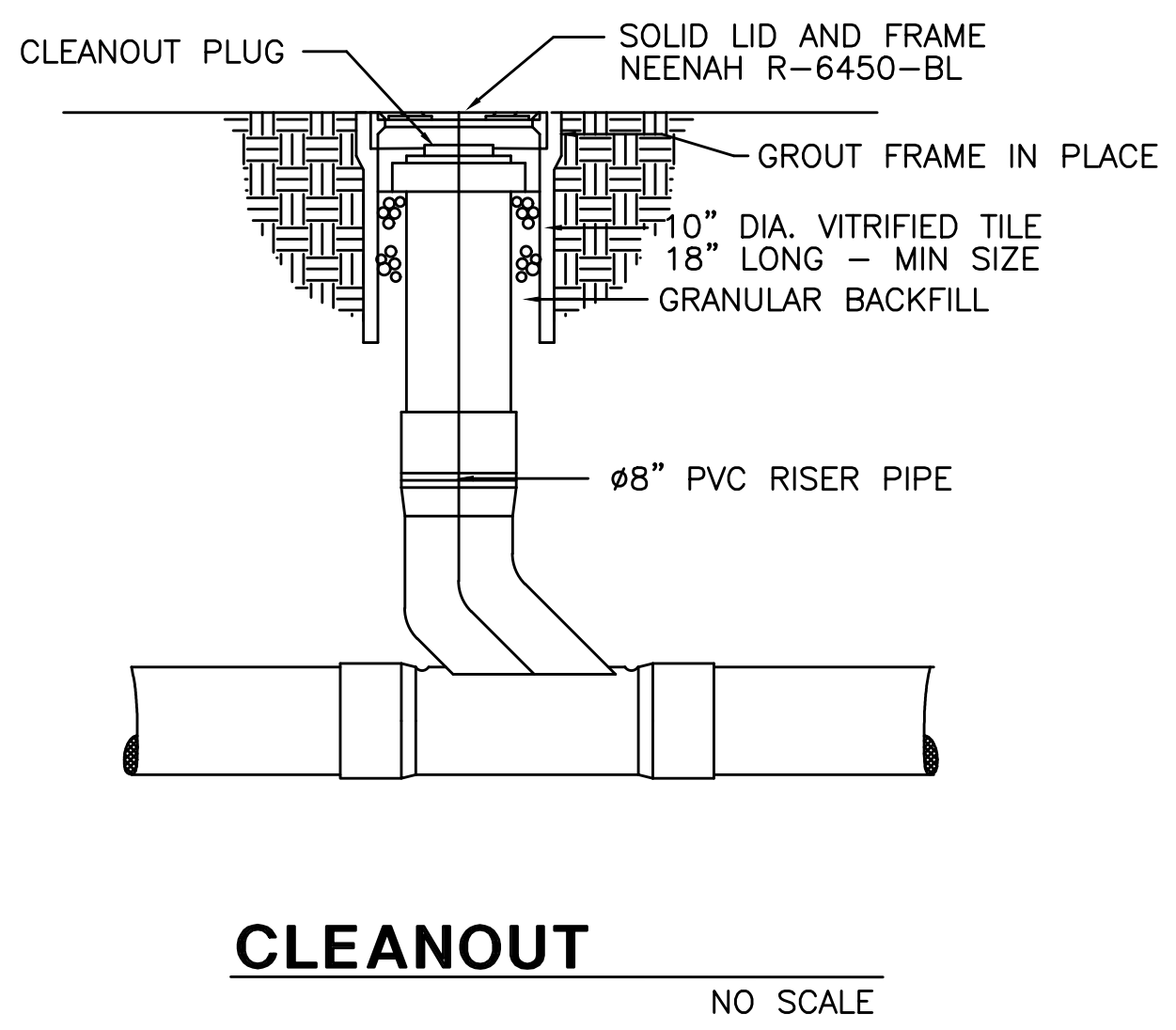
PAVED AREA / TRENCH DETAIL
NOT TO SCALE



TRENCH & BEDDING DETAIL (NON PAVED)
NOT TO SCALE

TRENCH DETAIL NOTES

- TRENCH EDGES NOT UNDER OR WITHIN 5' OF PROPOSED OR EXISTING PAVEMENT, CURB, DRIVEWAYS, ALLEYS, STONE AREA OR WALKS CAN BE COMPACTED EXISTING NATIVE MATERIALS IN 8" MAXIMUM LIFTS OR AS APPROVED BY THE ENGINEER. NO MATERIAL SHALL BE USED FOR BACKFILLING THAT CONTAINS STONE, ROCKS, ETC., GREATER THAN 4" DIAMETER.
- ALL TRENCH EDGES UNDER OR WITHIN 5' OF PROPOSED OR EXISTING PAVEMENT, CURB, DRIVEWAYS, ALLEYS, STONE AREA OR WALKS SHALL EITHER BE GRANULAR BACKFILL MATERIAL IN 6" MAXIMUM LIFTS OR LOW STRENGTH MORTAR BACKFILL. A DENSITY TEST ON GRANULAR BACKFILL OF 98% OF ASTM D698 STANDARD PROCTOR CURVE MAY BE REQUIRED TO BE PERFORMED BY A COMMERCIAL TESTING LAB SATISFACTORY TO THE ENGINEER.
- GRANULAR BEDDING SHALL BE CRUSHED STONE OR GRAVEL OR OTHER APPROVED EQUIVALENT.
- MINIMUM ASPHALT PAVEMENT REPLACEMENT: PERMANENT PAVEMENT REPLACEMENT SHALL EQUAL OR EXCEED THE EXISTING PAVEMENT COMPOSITION.
- WHERE THE EXISTING PAVEMENT IS THICKER, THE CONTRACTOR SHALL INCREASE THE COURSE THICKNESS TO MATCH EXISTING.
- THE OPEN ENDS OF ALL PIPES SHALL BE PLUGGED TO THE APPROVAL OF THE ENGINEER BEFORE LEAVING THE WORK FOR THE NIGHT.
- ALL TRENCHES WITHIN PAVEMENT, BERM, AND SHOULDER LIMITS SHALL BE BACKFILLED OR SECURELY PLATED DURING NONWORKING HOURS, TRENCHES OUTSIDE THESE AREAS SHALL BE BACKFILLED OR SHALL BE PROTECTED BY APPROVED TEMPORARY FENCING OR BARRICADES DURING NONWORKING HOURS. CLEAN UP SHALL FOLLOW CLOSELY BEHIND THE TRENCHING OPERATION.



CLEANOUT
NO SCALE

CONVOCAION CENTER EXPANSION

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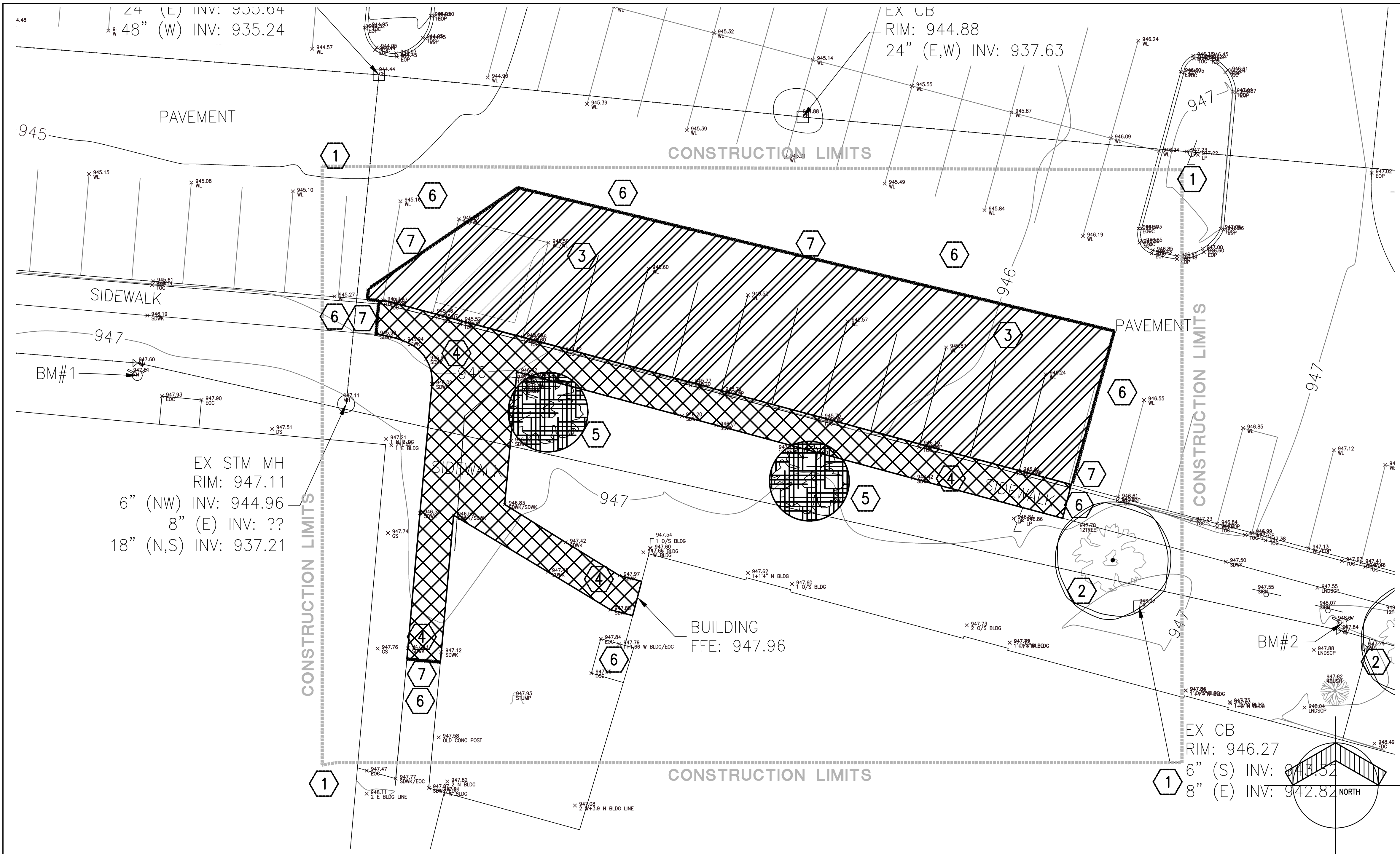
EDISON STATE COMMUNITY COLLEGE



ARCHITECT



(419) 586-7771
128 WEST MARKET STREET
CELINA, OHIO 45822
WWW.FHAI.COM



DEMOLITION PLAN

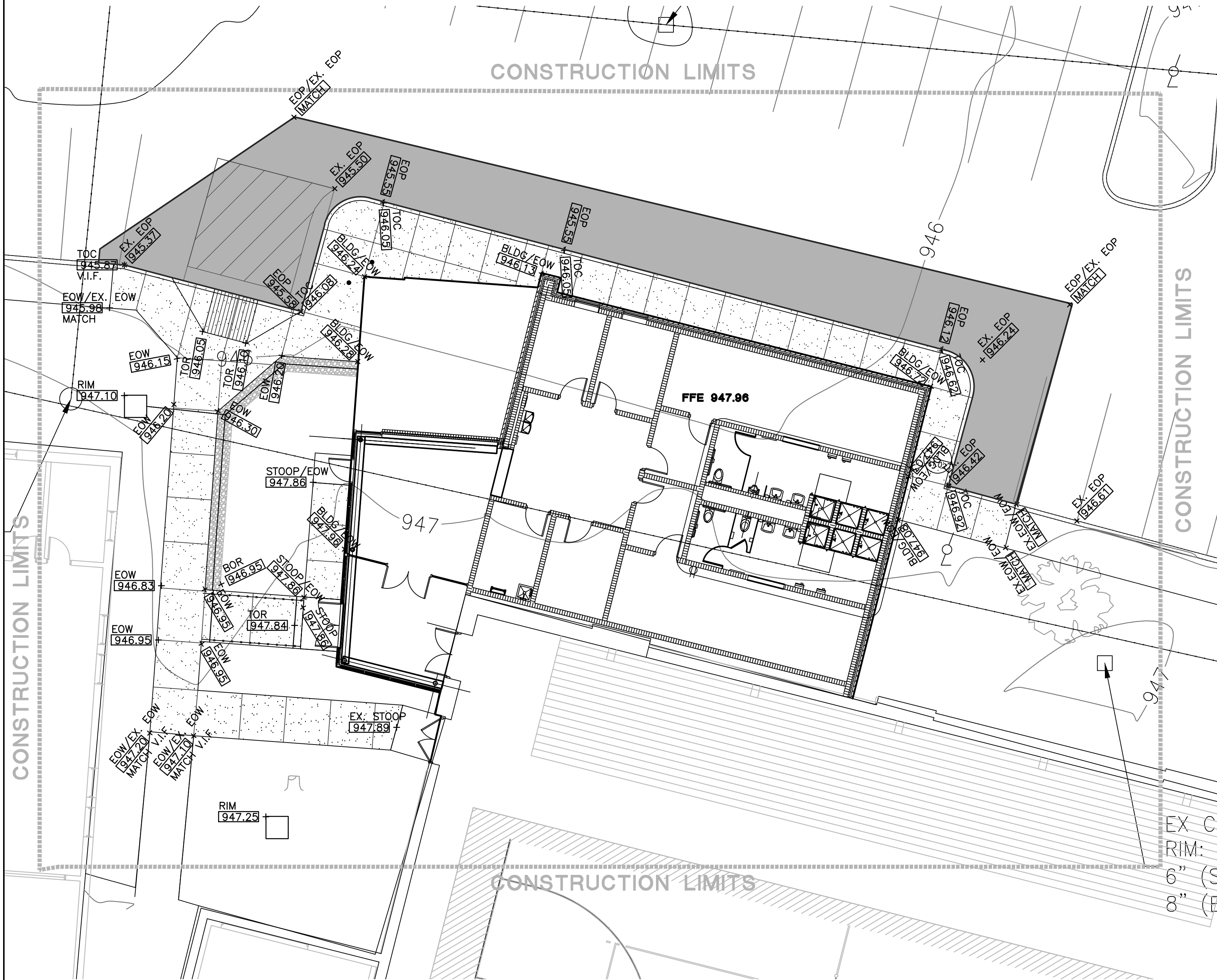
SCALE: 1" = 10'-0"

DEMOLITION KEYNOTE LEGEND

- ① LIMITS OF WORK
- ② EXISTING TREE TO REMAIN, PROTECT DURING CONSTRUCTION WITH CONSTRUCTION FENCE ERECTED AT THE DRIP LINE. NO CONSTRUCTION TRAFFIC, OR MATERIAL STORAGE WITHIN DRIP LINE OF THE TREE TO REMAIN. REFER TO THE PROJECT MANUAL.
- ③ REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENTS, ADJACENT GUTTERS AND CURBS AND DISPOSE OF OFF SITE, REFER TO THE PROJECT MANUAL.
- ④ REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENTS. AND ADJACENT GUTTERS AND CURBS AND DISPOSE OF OFF SITE, REFER TO THE PROJECT MANUAL.
- ⑤ REMOVE EXISTING TREES INCLUDING ALL ROOTS AND DEBRIS AND DISPOSE OF OFF SITE.
- ⑥ CONTRACTOR IS TO PROTECT EXISTING ASPHALT DRIVES AND PAVEMENTS TO REMAIN. ANY DAMAGE TO ASPHALT DRIVES AND PAVEMENTS IS TO BE REPAIR AT THE CONTRACTOR'S EXPENSE.
- ⑦ SAW CUT EXISTING PAVEMENT TO CREATE CLEAN BUTT JOINT FOR NEW PAVEMENT.
- ⑧ EXISTING STORM STRUCTURE, REFER TO THE SITE UTILITIES PLAN. MAINTAIN EXISTING STORM FLOWS FROM EXISTING TRACK DRAINS AND OTHER STORM STRUCTURES TO REMAIN. RECONNECT EXISTING STORM LINES TO REMAIN.
- ⑨ STORM INLET PROTECTION - EROSION CONTROL, REFER TO THE SWPPP.
- ⑩ SILT FENCE - EROSION CONTROL LOCATE AS REQUIRED, REFER TO THE SWPPP.

GENERAL NOTES

1. THE CONTRACTOR IS TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION OPERATIONS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO UTILITIES NOT SCHEDULED FOR REMOVAL. CONTACT OHIO 811 FOR CONFIRMATION OF UTILITY LOCATIONS: TEL: 800-362-2764
2. THE CONTRACTOR SHALL WALK THE SITE PRIOR TO BID TO BE FULLY FAMILIAR WITH THE EXTENT OF REMOVAL ITEMS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REMOVALS NECESSARY TO COMPLETE CONSTRUCTION. QUESTIONS REGARDING ITEMS TO BE REMOVED SHALL BE DIRECTED TO THE ARCHITECT.
3. CONTRACTOR SHALL APPLY AND RECEIVE ALL PERMITS NECESSARY TO COMPLETE WORK WITHIN PUBLIC RIGHT-OF-WAYS. PROVIDE PROPER BARRICADES FOR WALKS AND STREETS ACCORDING TO OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
4. PROTECT ALL TREES AND SHRUBS NOT SCHEDULED FOR REMOVAL. MINIMIZE EQUIPMENT OPERATION WITHIN THE ORANGE FENCE AT THE EXISTING TREE DRIPLINE/ROOT ZONES. DO NOT STORE, STOCKPILE, OR PARK WITHIN THE DRIPLINE/ROOT ZONE OF ANY EXISTING VEGETATION. HOLD NECESSARY DISTURBANCE TO A MINIMUM.
5. MATERIALS AND STRUCTURES SHOWN FOR REMOVAL SHALL BE REMOVED IN ACCORDANCE WITH SECTION 024116.
6. IN THE EVENT THAT ANY STRUCTURES OR HISTORICAL ELEMENTS ARE DISCOVERED DURING CONSTRUCTION OPERATIONS, THESE ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.
7. IN THE EVENT THAT ANY HAZARDOUS MATERIALS ARE DISCOVERED DURING CONSTRUCTION OPERATIONS, THESE ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.
8. ANY ITEM THAT IS TO REMAIN THAT IS DAMAGED DURING CONSTRUCTION WILL BE REPLACED AT NO COST TO THE OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL PAVEMENTS (CONCRETE, ASPHALT), VEGETATION (TREES, SHRUBS, LAWNS), BUILDINGS (ALL STRUCTURES), UTILITIES (ABOVE AND BELOW GROUND), OR OTHER PERMANENT IMPROVEMENTS.
9. CONTRACTOR IS TO INSTALL EROSION AND SEDIMENT CONTROLS PRIOR TO COMMENCING DEMOLITION.
10. THE CONTRACTOR IS TO REFERENCE THE SITE UTILITIES PLANS AND THE SITE ELECTRICAL PLANS FOR THE DEMOLITION, SALVAGE AND REUSE OF SITE IMPROVEMENTS SUCH AS STORM WATER STRUCTURES, SANITARY SEWER STRUCTURES, GAS LINES, WATER VALVES, AND ELECTRICAL UTILITY ITEMS SUCH AS RISERS, TRANSFORMERS, UTILITY POLES AND SITE LIGHTING.



GRADING PLAN

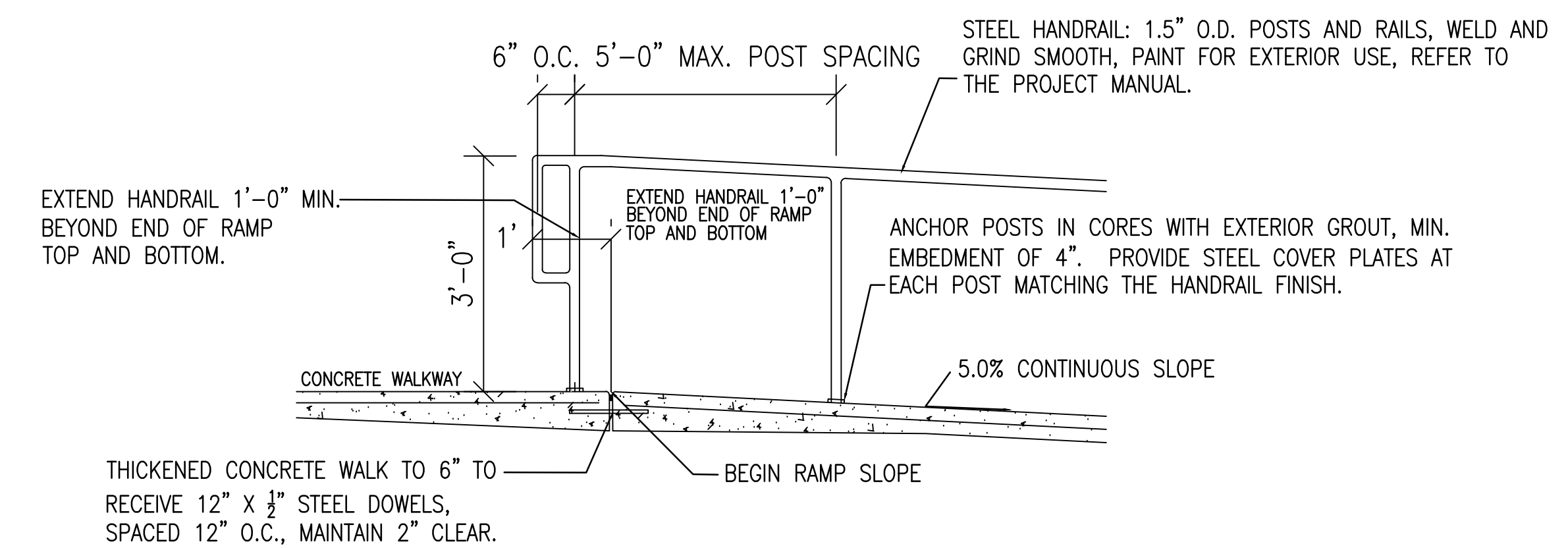
SCALE: 1" = 10'-0"

PLAN NOTES

1. GRADES SHOWN ARE FINISH ELEVATIONS. CONTRACTOR IS TO VERIFY EXISTING ELEVATIONS PRIOR TO COMMENCING WORK.
2. CONTRACTOR TO CONSULT SURVEY TO DETERMINE CUT/FILL REQUIREMENTS.
3. CONTRACTOR IS TO MEET PROPOSED GRADES. IF ADDITIONAL MATERIALS ARE NEEDED, THE FURNISHING AND PLACEMENT OF THESE MATERIALS IS CONSIDERED INCIDENTAL TO THE CONTRACT SCOPE. IF THERE ARE EXCESS MATERIALS, THE HAULING AND DISPOSAL OF THESE MATERIALS OFF SITE IS CONSIDERED INCIDENTAL TO THE CONTRACT SCOPE.
4. CONTRACTOR IS FURNISH AND INSTALL EROSION CONTROL PRIOR TO EARTHWORK.
5. ALL LAYOUT TO BE CONDUCTED BY A LICENSED SURVEYOR.

PLAN KEY

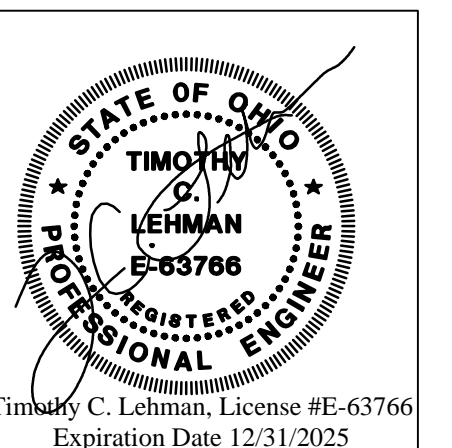
- SPOT ELEV. + NOTE
- TOC = ELEVATION AT TOP OF CURB
 - BOC = ELEVATION AT BOTTOM OF EXPOSED CURB
 - HP = LOCATION AND ELEVATION OF HIGH POINT
 - LP = LOCATION AND ELEVATION OF LOW POINT
 - RIM = ELEVATION OF STORM STRUCTURE COVER
 - FFE = FINISH FLOOR ELEVATION
 - SGN = ELEVATION OF BOTTOM OF SIGN
 - TOC = ELEVATION AT TOP OF CURB
 - BLDG = ELEVATION OF GRADE AT BLDG.
 - POINT = GROUND SPOT ELEVATION
 - TOS = ELEVATION AT TOP OF STAIRS
 - BOS = ELEVATION AT BOTTOM OF STAIRS
 - EOP = ELEVATION AT EDGE OF PAVEMENT
 - STOOP = ELEVATION AT END OF STOOP
 - EW = ELEVATION AT EDGE OF WALK
 - TOR = ELEVATION AT TOP OF RAMP
 - BOR = ELEVATION AT BOTTOM OF RAMP
 - BREAK = CHANGE DIRECTION OR DEGREE OF SLOPE
 - FLOW = INTENDED DIRECTION OF WATER FLOW
 - #% = PERCENTAGE SLOPE
 - = DOWN SLOPE DIRECTION
 - = BREAK LINE IN GRADE DIRECTION OF DEGREE OF SLOPE



- CONCRETE FINISH OF RAMP:
1. MED. BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAFFIC.
 2. 1/2" RADIUS ALL EXPOSED EDGES

CONCRETE RAMP AND STEEL HANDRAIL

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: R WIFORD
DRAWN BY: SCH
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 02/22/2024

REV. NO.	DESCRIPTION	DATE

DEMOLITION AND GRADING PLANS

GD1.01



0 20' 40'
SCALE: 1" = 20'

ACCESS
Engineering Solutions
www.accessengllc.com | 419-586-1430

PROJECT NO: 223880.04 DRAWN BY: JMP
DATE: DECEMBER 8, 2023 CHECKED BY: NKT

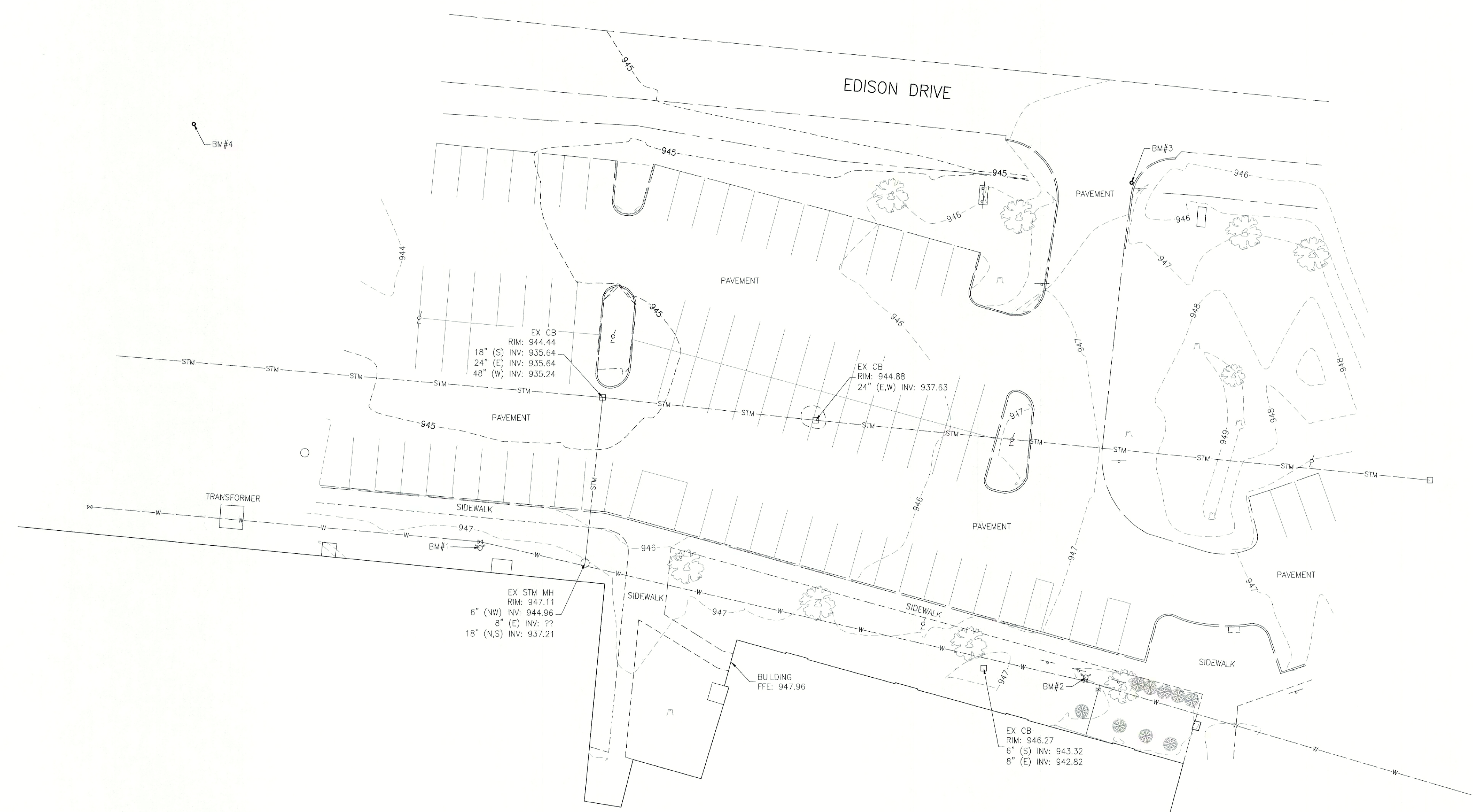
EDISON DRIVE COLLEGE LOCKER ROOM ADDITION

1973 EDISON DRIVE
PIQUA, OHIO 45356

TOPOGRAPHIC SURVEY

REV NO	REV DATE	REVISION COMMENTS

1 / 1



- | | | | | | |
|------------|-------------------|---|--------------------|---|-------------------|
| —R/W— | RIGHT OF WAY | ⊗ | RR SPIKE FOUND | ☐ | TELEPHONE BOX |
| —P— | PROPERTY LINE | ○ | IRON PIN FOUND | ⊗ | TELE POLE |
| —PAV— | PAVEMENT | ● | IRON PIN SET | ⊙ | LIGHT POLE |
| —CONC— | CONCRETE | ⊙ | MAG NAIL SET | ⊙ | LIGHT |
| —CURB— | CURB | ⊙ | MAG NAIL FOUND | ○ | MANHOLE STRUCTURE |
| —SIDEWALK— | SIDEWALK | ⊙ | MONUMENT BOX FOUND | ☐ | CATCH BASIN |
| —FENCE— | FENCE | ⊙ | SECTION CORNER | ⊙ | POST |
| —GAS— | GAS LINE | ⊙ | WELL | ⊙ | STUMP |
| —O/E— | OVERHEAD ELECTRIC | ⊙ | WATER METER | ⊙ | PINE |
| —SAN— | SANITARY SEWER | ⊙ | WATER SERVICE | ⊙ | BUSH |
| —STM— | STORM SEWER | ⊙ | WATER VALVE | ⊙ | 12"-24" TREE |
| —W— | WATERLINE | ⊙ | FIRE HYDRANT | ⊙ | 1"-11" TREE |
| —T— | TELEPHONE LINE | ⊙ | GUIDE WIRE | ⊙ | |

BENCHMARK
ELEVATION ORIGIN:
USED GEOID=g2018au7
NAVD 1988

ON-SITE BENCHMARK:
BENCHMARK#1—TOP NUT OF FIRE HYDRANT BY THE BUILDING TO THE WEST.
ELEVATION=950.15

BENCHMARK#2—TOP NUT OF FIRE HYDRANT BY THE BUILDING TO THE EAST.
ELEVATION=951.03

BENCHMARK#3—MAGNAIL SET EAST SIDE OF THE DRIVE TO THE NORTHEAST.
ELEVATION: 946.74

BENCHMARK#4—MAG NAIL SET EAST SIDE OF THE WEST DRIVE BY THE POND.
ELEVATION: 942.97

REFERENCES:
ALL DEEDS AND EASEMENTS AS RECORDED

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

THE AREA SURVEYED HAS ACCESS TO ELECTRIC, GAS, WATER, TELEPHONE AND CABLE TELEVISION.



SURVEYOR'S NOTES
A TITLE SEARCH HAS NOT BEEN PERFORMED FOR THIS SURVEY. ANY EASEMENT ON SITE HAS NOT BEEN VERIFIED. THERE IS AN EXISTING STORM & SANITARY SEWER LINE CROSSING THE SITE.

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THIS MAP OR PLAT IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE BY CRAIG W. MESCHER PROFESSIONAL SURVEY #8237. THE FIELD WORK WAS COMPLETED IN DECEMBER OF 2023.

Craig W. Mescher
CRAIG W. MESCHER, P.S. #8237
1/2/24
DATE

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EDISON STATE
COMMUNITY COLLEGE

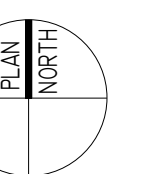
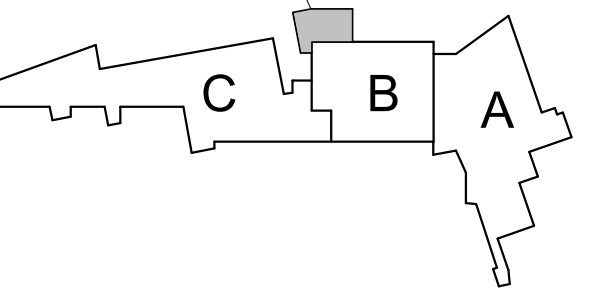


ARCHITECT

FANNING HOWEY

419-586-7771 WWW.FHAI.COM
128 WEST MARKET STREET, CELINA, OHIO 45822

ADDITION



KEY PLAN

CONSTRUCTION DOCUMENTS

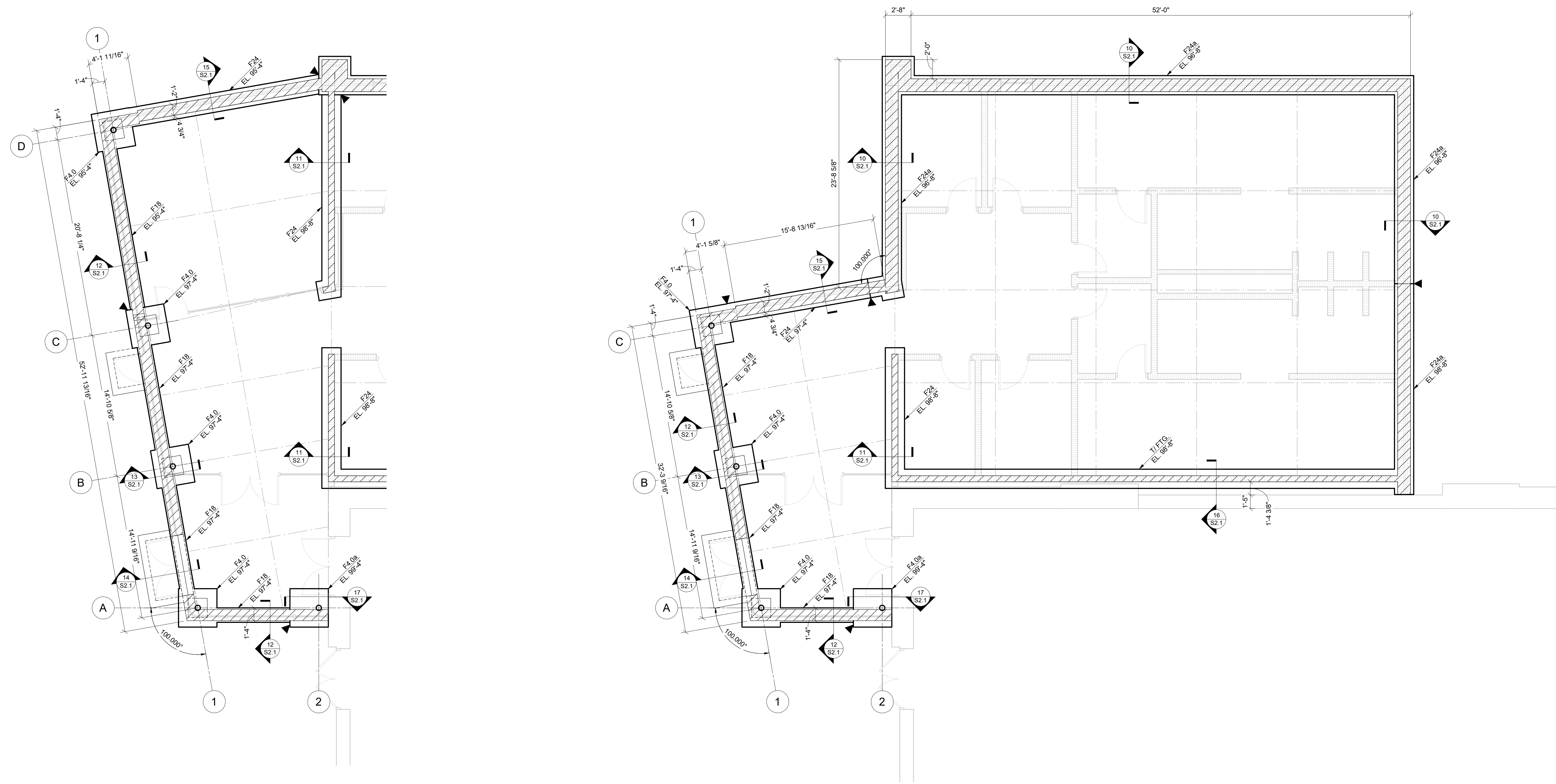


DRAWN BY: JPK (R21)
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

FOUNDATION PLANS

S1.1



FOUNDATION PLAN - ALTERNATE

3/16" = 1'-0"

CONT. WALL FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F18	1'-0" x 1'-0" DP.	
F24	2'-0" x 1'-0" DP.	
F24a	2'-0" x 2'-2" DP.	

SPREAD FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F4.0	4'-0" x 4'-0" x 1'-0" DP.	
F4.0a	4'-0" x 4'-0" x 2'-2" DP.	

SLAB NOTES

- SLAB CONSTRUCTION:
4" CONCRETE SLAB ON GRADE W/ #4 @ 12" O.C. W/ 3" W/VT. OVER 1/2" VAPOR BARRIER, OVER 7/16" COMPACTED STONE SUBBASE. MESH IS TO BE SUPPORTED DURING CONSTRUCTION ON CHAIRS OR BOLTERS AT 40 DEPTH OF SLAB. SEE PLAN FOR FINISHED FLOOR ELEVATIONS. COORDINATE TOP OF SLAB ELEVATION WITH THICKNESS OF ARCHITECTURAL FINISHED FLOOR PRODUCTS.
- INDICATES SLAB CONTROL/CONSTRUCTION JOINT PER SECTION 9152.1. CONTROL JOINTS ARE TO BE LOCATED IN AREAS SHOWN AS A SPACING NOT TO EXCEED 12'-0" O.C. UNLESS DIMENSIONED OTHERWISE. DISTANCE BETWEEN SLAB CONSTRUCTION JOINTS IS NOT TO EXCEED 100 FEET IN ANY DIRECTION. COORDINATE CONTROL JOINT LAYOUT WITH ARCHITECTURAL FLOOR FINISH PATTERNS.
- SEE ARCHITECTURAL AND/OR PLUMBING DRAWINGS FOR THE LOCATIONS OF ALL FLOOR MOUNTED DRAIN. SLOPE SLAB IN VICINITY AS REQUIRED TO PROVIDE POSITIVE DRAINAGE.
- REFER TO DIVISION 31 SPECIFICATIONS FOR DEPTH AND PLACEMENT OF DRAINAGE FILL AND DIVISION 3 FOR VAPOR BARRIER OR RETARDER BELOW SLABS ON GRADE.
- SEE SECTION 9152.1 FOR TYPICAL NEW-TO-EXISTING SLAB TRANSITION.
- SEE SHEET 50.1 FOR GENERAL STRUCTURAL INFORMATION.

FOUNDATION PLAN - BASE BID

3/16" = 1'-0"

FOUNDATION NOTES

- INDICATES FOOTING STEP PER SECTION 9152.1. STEP AT A RATIO NOT TO EXCEED ONE VERTICAL TO TWO HORIZONTAL.
- INDICATES APPROXIMATE LOCATION AND INVERT ELEVATION OF UNDERGROUND UTILITIES. COORDINATE THE LOCATION AND DEPTH OF ALL UNDERGROUND MECHANICAL, ELECTRICAL, PLUMBING, AND/OR OTHER WORK WITH THE APPROPRIATE TRADE CONTRACTORS 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 CHASED COMPLETELY BELOW THE UTILITY DEPTH PER SECTION 9152.1 AND AS REQUIRED PER SECTION 9152.1. WHERE UNDERGROUND UTILITIES ARE IN PLACE PRIOR TO FOUNDATION CONSTRUCTION, THEY ARE TO BE ENCASED PER SECTION 9152.1. SEE SECTION 402.1 FOR TRENCH EXCAVATION AND UTILITY PLACEMENT REQUIREMENTS FOR WORK THAT IS LAID ADJACENT TO FOOTINGS.
- INDICATES CONCRETE PIER TYPE PER DETAILS ON SHEET S2.1.
- INDICATES EXISTING BUILDING CONSTRUCTION BASED ON ORIGINAL BUILDING DRAWINGS AND LIMITED FIELD INVESTIGATION. EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. ARE TO BE VERIFIED PRIOR TO CONSTRUCTION OR FABRICATION OF ANY MATERIAL BY CONTRACTOR PERFORMING WORK IN EXISTING AREAS. NOTIFY ARCHITECT IMMEDIATELY. DO NOT REMOVE EXISTING LOAD-BEARING WALLS, COLUMNS, OR ANY SUCH STRUCTURE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT. WHERE NEW STRUCTURE IS TO BE INSTALLED, PROVIDE SHORING AND BRACING AS REQUIRED TO PROPERLY SUPPORT THE REMAINING STRUCTURE UNTIL THE NEW STRUCTURE IS IN PLACE AND PROPERLY BRACED.
- DESIGN SOIL BEARING PRESSURE = 7979 P.S.F. BASED ON GEOTECHNICAL EXPLORATION REPORT BY 7977 DATED 7/7/77. REFERENCE THIS REPORT FOR ANY REQUIRED SOIL REMEDIATION PRIOR TO FOUNDATION AND/OR SLAB ON GRADE CONSTRUCTION. FOOTING EXCAVATIONS MAY BE REQUIRED TO EXTEND THROUGH EXISTING ALL REGIONS IN ORDER TO BEAR ON SUITABLE MATERIAL. OVER EXCAVATIONS ARE TO BE FILLED WITH LEAN CONCRETE UP TO THE PLANNED BOTTOM OF FOOTING ELEVATION. PLACE TO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.
- BOTTOM OF FOOTINGS ARE TO BE AT LEAST 9" MINUS INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.
- KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.
- 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.
- PROVIDE CORNER BARS AT ALL FOOTING AND CONCRETE WALL INTERSECTIONS PER DETAIL S52.1.
- PROVIDE FOUNDATION DOWNELS 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 DOWNEL AT EACH JAMB FOR EACH FOOTING WIDTH. SEE SECTION 9152.1 FOR DOWNEL PLACEMENT AND SCHEDULE ON SHEET 50.1 FOR LENGTH OF LAP SPICES.
- SEE ELEVATION A54.1 FOR TYPICAL REINFORCED MASONRY WALL CONSTRUCTION.
- SEE SECTION 762.2 FOR TYPICAL OUTDOOR MECHANICAL EQUIPMENT PAD.
- SEE SHEET 94.2 FOR COLUMN SCHEDULE AND DETAILS.
- SEE SHEET 50.1 FOR GENERAL STRUCTURAL INFORMATION.

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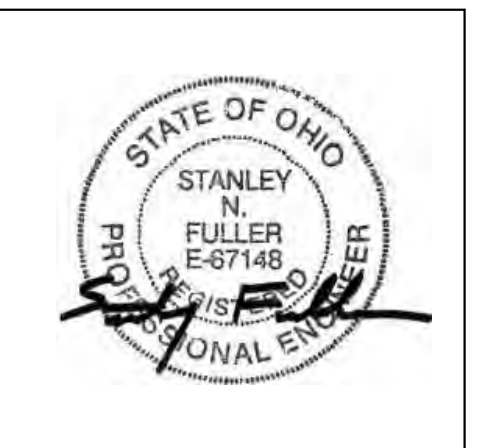


ARCHITECT

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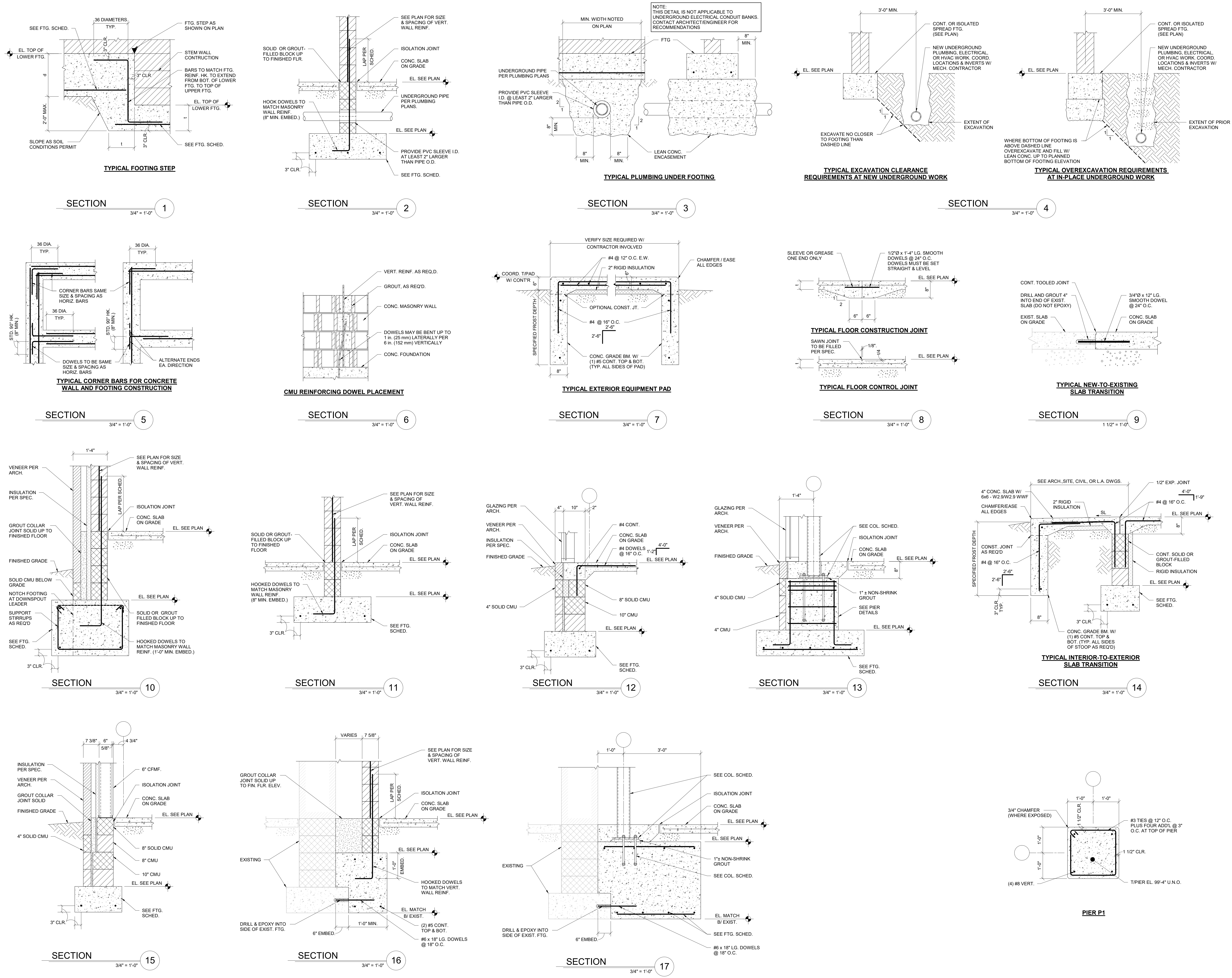


DRAWN BY: JPK (R21)
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FOUNDATION DETAILS

S2.1



BIM 360/23.27.534 - Edison State CC Athletic Entry Addition/23.27.534 - Edison State CC Athletic Entry Addition (R2)1/4
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CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE
COMMUNITY COLLEGE

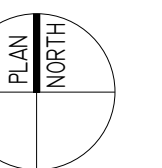
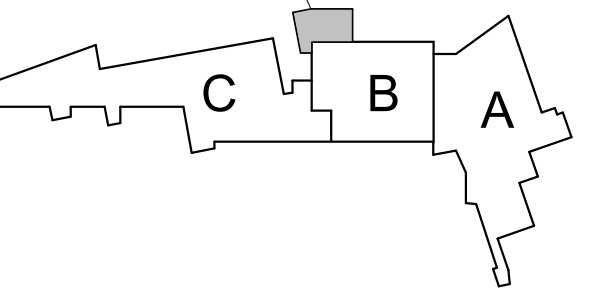


ARCHITECT

FANNING HOWE

419-586-7771 WWW.FHAI.COM
128 WEST MARKET STREET, CELINA, OHIO 45822

ADDITION



KEY PLAN

CONSTRUCTION DOCUMENTS

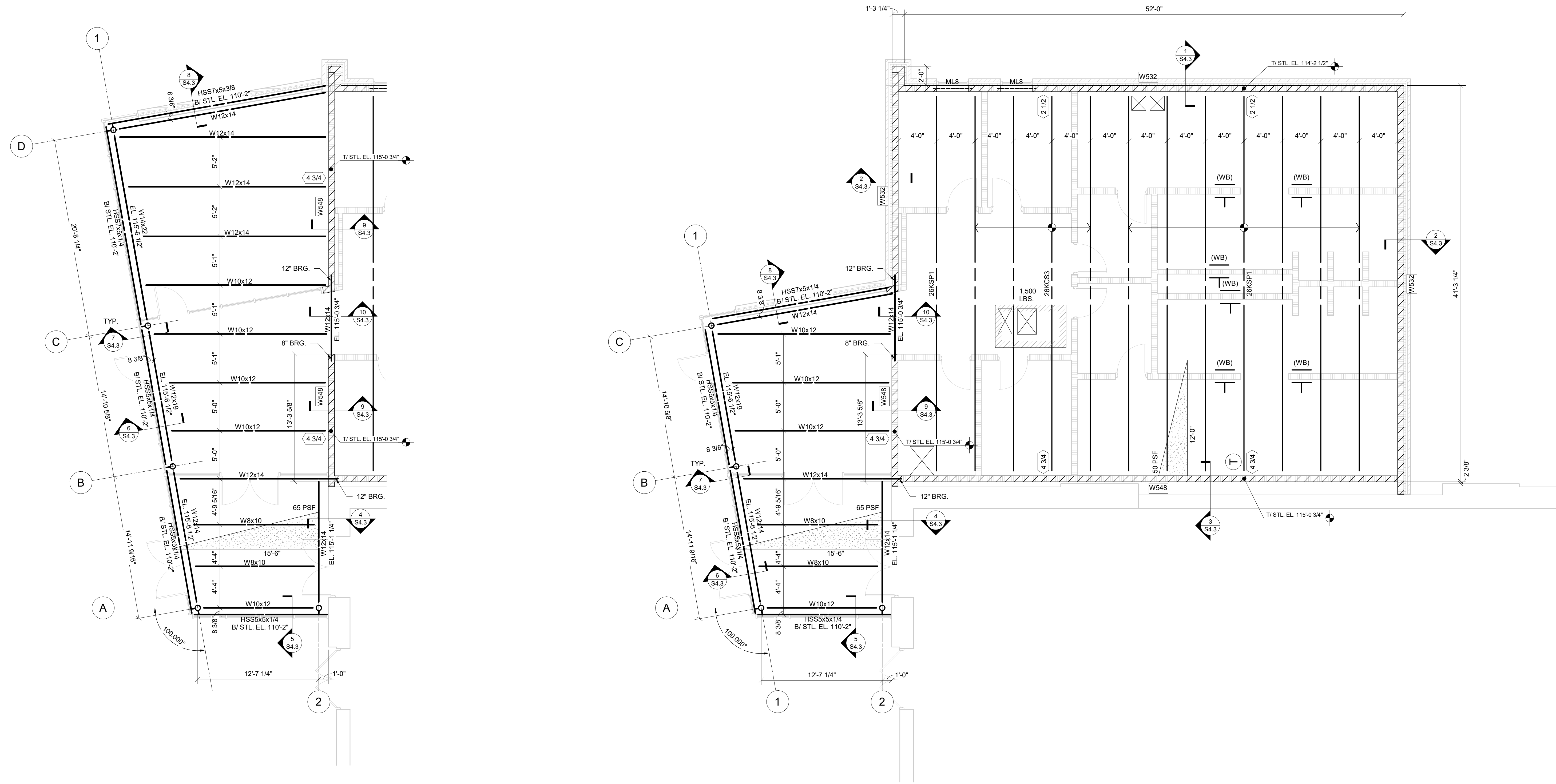


DRAWN BY: JPK (R21)
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

ROOF FRAMING PLANS

S3.1



ROOF FRAMING PLAN - ALTERNATE

3/16" = 1'-0"

ROOF FRAMING PLAN - BASE BID

3/16" = 1'-0"

MASONRY WALL REINFORCING SCHEDULE		
MARK	VERTICAL REINFORCING	REMARKS
W548	#5 @ 48" O.C.	-
W552	#5 @ 32" O.C.	-

MASONRY WALL REINFORCING SCHEDULE NOTES:

- ALL BARS TO BE CENTERED IN CELL UNLESS NOTED IN SCHEDULE. COORDINATE POSITION WITH STRUCTURAL DETAILS.
- 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.
- LAP ALL BARS PER STANDARD MASONRY REINFORCING LAP SCHEDULE ON GENERAL STRUCTURAL SHEETS.

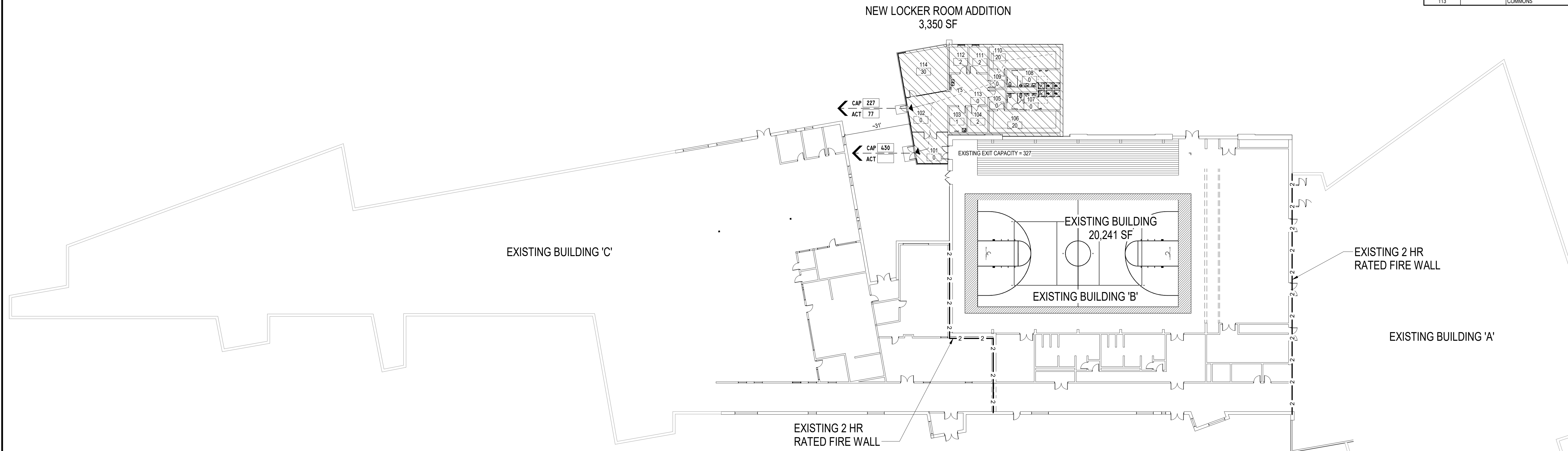
MASONRY WALL NOTES

- ML(6) INDICATES MASONRY BOND BEAM LINTEL PER SECTION 554.1. USE STANDARD SCHEDULED BOND BEAM LINTEL 2' FOR ALL EXPOSED ARCHITECTURAL OPENINGS IN NON-LOADBEARING MASONRY WALLS UNLESS NOTED OTHERWISE.
- VL(6) INDICATES VENEER LINTEL PER SECTION 254.1. USE STANDARD SCHEDULED VENEER LINTELS FOR ALL OPENINGS IN BRICK OR MASONRY VENEER UNLESS NOTED OTHERWISE.
- WB INDICATES MASONRY WALL BRACE PER SECTION 354.1. WALL BRACES ARE TO BE LOCATED AS SHOWN AT A SPACING NOT TO EXCEED 16x THE NOMINAL WALL WIDTH (W). 12'-0" O.C. FOR 8" CMU; 12'-0" O.C. FOR 12" CMU. FOR ALL INTERIOR NON-LOADBEARING MASONRY PARTITIONS WHERE SAME HEIGHT CROSSWALLS DO NOT PROVIDE LATERAL SUPPORT AT A CLOSE BRACING. WALL BRACES ARE ALSO TO BE LOCATED AT THE FREE ENDS OF WALLS WHERE SAME HEIGHT CROSSWALLS DO NOT PROVIDE LATERAL SUPPORT WITHIN 8x THE NOMINAL WALL WIDTH (W) 4'-0" FOR 8" CMU.
- WB INDICATES MASONRY WALL REINFORCING TYPE PER SCHEDULE. ALL REINFORCING IS TO RUN FULL HEIGHT OF WALL UNLESS NOTED OTHERWISE. WHERE SPACING OF VERTICAL REINFORCING IS INTERRUPTED BY OPENING IN WALL (DOOR, WINDOW, LOUVER, ETC.) PROVIDE ONE FULL-HEIGHT REINFORCING BAR AT EACH JAMB FOR EACH 12" OF OPENING WIDTH. SEE SCHEDULE ON SHEET S0.1 FOR LENGTH OF LAP SPICES.
- 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.
- LINTELS ARE NOT REQUIRED FOR OPENINGS IN CMU WALLS LESS THAN 16" WIDE AND IN BRICK VENEERS LESS THAN 16" WIDE. MASONRY CONTRACTOR IS TO COORDINATE ALL OPENING REQUIREMENTS WITH APPROPRIATE TRADE CONTRACTOR.
- SEE ELEVATION A5.1 FOR TYPICAL REINFORCED MASONRY WALL CONSTRUCTION. PROVIDE CORNER BARS AT ALL MASONRY BOND BEAM INTERSECTIONS PER DETAIL 454.1.
- 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.
- PROVIDE 4x VERTICAL REINFORCING BARS AT 27" O.C. FOR ALL PARTIAL-HEIGHT REE 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 THESE STRUCTURAL DRAWINGS.
- SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

ROOF FRAMING NOTES

- DESIGN LIVE/SNOW LOADS:
ROOF LIVE 20 PSF
ROOF SNOW 22 PSF - DRIFT
WIND (NET UPLIFT) 10 PSF
- ROOF CONSTRUCTION:
1'-10" x 22 GA WIDE RIB METAL DECK. SEE SECTION 154.2 FOR TYPICAL ATTACHMENT TO SUPPORTING STRUCTURE.
- 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 254.2 FOR FRAMING OF ALL OPENINGS EQUAL TO OR GREATER THAN 12" SQUARE OR DIAMETER.
- INDICATES THE END OF JOIST. SEE SECTION 454.2 FOR SPECIAL JOIST LOADING SCHEDULE AND DIAGRAM.
- INDICATES NON-STANDARD JOIST SEAT DEPTH. SEE SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION.
- INDICATES SNOW DRIFT LOAD ON ROOF. JOISTS HAVE BEEN SIZED FOR THE LOAD SHOWN UNLESS NOTED OR SCHEDULED OTHERWISE.
- INDICATES MECHANICAL LOAD SUPPORTED ON ROOF. COORDINATE FINAL SIZE, WEIGHT, LOCATION, AND OPENING REQUIREMENTS WITH MECHANICAL CONTRACTOR. TOLERANCE FOR LOCATION OF ACTUAL UNIT IS 3 FEET IN ANY DIRECTION FROM WHERE SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE SUPPORT FRAME PER SECTION 354.2 AND REINFORCE JOISTS AT SUPPORT LOCATIONS PER SECTION 554.2.
- INDICATES EXISTING BUILDING CONSTRUCTION BASED ON ORIGINAL BUILDING DRAWINGS AND UNLIMITED FIELD INVESTIGATION. EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. ARE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION OR FABRICATION OF ANY MATERIAL BY CONTRACTOR PERFORMING WORK IN EXISTING AREAS. REPORT ANY DISCREPANCIES TO ARCHITECT IMMEDIATELY. DO NOT REMOVE OR ALTER LOAD-BEARING WALLS, COLUMNS, OR ANY SUCH STRUCTURE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT. WHERE NEW STRUCTURES TO BE INSTALLED, PROVIDE SHORING AND BRACING AS REQUIRED TO PROPERLY SUPPORT THE REMAINING STRUCTURE UNTIL THE NEW STRUCTURE IS IN PLACE AND PROPERLY BRACED.
- TOP OF STRUCTURAL STEEL, JOIST BEARING, OR TRUSS BEARING ELEVATION NOTED ON PLAN. REFERENCE ELEVATION 100'-0" = TOP OF FIRST FLOOR SLAB ON GRADE.
- SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.
- REINFORCE JOISTS AT CONCENTRATED LOADS PER SECTION 554.2.
- SEE SHEET S4.2 FOR COLUMN SCHEDULE AND DETAILS.
- ALL JOISTS ARE TO BE DESIGNED FOR NET UPLIFT AS DEFINED IN DESIGN LOADS ABOVE. PROVIDE BRACING IN ADDITION TO MINIMUM SIZE REQUIREMENTS IF NEEDED.
- SEE SHEET S0.1 FOR GENERAL STRUCTURAL INFORMATION.

ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
101		VESTIBULE	232 SF
102		COMMONS	323 SF
103		UTILITY	97 SF
104		LAUNDRY	113 SF
105		VESTIBULE	72 SF
106		WOMENS LOCKER ROOM	334 SF
107		RESTROOMSHOWER	201 SF
108		RESTROOMSHOWER	204 SF
109		VESTIBULE	67 SF
110		MENS LOCKER ROOM	334 SF
111		OFFICE	105 SF
112		OFFICE	104 SF
113		COMMONS	292 SF



BUILDING B AREA - EXISTING = 20,241SF
 BUILDING B AREA - ADDITION = 3,350
 TOTAL AREA = 23,591

ALLOWABLE AREA =38,000
 A-3 (TABLE 505.2)

ALLOWABLE HEIGHT (TABLE 504.3)
 OCCUPANCY TYPE 'A' =75'
 HEIGHT OF ADDITION =17'

BUILDING CODE INFORMATION

- BUILDING DESCRIPTION:**
ADDITION INCLUDES LOCKER ROOMS, TEAM INSTRUCTION ROOM, OFFICES AND SUPPORT SPACES.
- ALL INFORMATION IS BASED ON THE FOLLOWING CODES:**
2017 OHIO BUILDING CODE
2017 OHIO FIRE CODE.
- USE AND OCCUPANCY CLASSIFICATION OHIO BUILDING CODE CHAPTER 3:**
A-3 (EXISTING)

ACCESSORY USE AREAS OHIO BUILDING CODE SECTION 508.2.
ACCESSORY OCCUPANCIES ARE THOSE OCCUPANCIES SUBSIDIARY TO THE MAIN OCCUPANCY OF THE BUILDING OR PORTION THEREOF. AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE AREA OF THE STORY IN TABLE 503 WITHOUT HEIGHT AND AREA INCREASES IN ACCORDANCE WITH SECTIONS 504 AND 506 FOR SUCH ACCESSORY OCCUPANCIES.
- TYPE OF CONSTRUCTION OHIO BUILDING CODE CHAPTER 6 (REFER TO TABLE 601):**
TYPE 2B CONSTRUCTION.

FIRE-RESISTANT RATING REQUIREMENTS, OHIO BUILDING CODE TABLE 602.

REFER TO THE SITE PLAN DRAWINGS FOR LOCATION OF BUILDING(S) ON SITE. DISTANCES TO CLOSEST INTERIOR LOT LINES, TO THE CENTER OF A STREET, ALLEY OR PUBLIC WAY, OR TO AN IMAGINARY LINE BETWEEN TWO BUILDINGS ON THE SAME LOT.
- FIRE RESISTANCE RATED CONSTRUCTION OHIO BUILDING CODE CHAPTER 7:**
REFER TO THE CODE PLANS FOR MAXIMUM AREAS OF EXTERIOR OPENINGS BASED ON THE FIRE SEPARATION DISTANCES.

PENETRATIONS THROUGH FIRE-RESISTANCE-RATED ASSEMBLIES SHALL BE PROVIDED WITH FIRESTOPPING PER PROJECT MANUAL.

CEILING AND FLOOR OPENINGS THROUGH NON-FIRE-RESISTANCE-RATED ASSEMBLIES SHALL BE PROVIDED WITH FIREBLOCKING PER PROJECT MANUAL.
- INTERIOR FINISHES TO COMPLY WITH OHIO BUILDING CODE CHAPTER 8.**
- FIRE AND SMOKE PROTECTION SYSTEMS, OHIO BUILDING CODE CHAPTER 9:**
NEW ADDITION TO BE FULLY SPRINKLED BY EXTENDING THE EXISTING BUILDING FIRE SUPPRESSION SYSTEM.
- MEANS OF EGRESS OHIO BUILDING CODE CHAPTER 10:**
THE MEANS OF EGRESS REQUIREMENTS SHALL BE DETERMINED BY THE ACTUAL OR COMPUTED NUMBER OF OCCUPANTS WHICHEVER IS THE LARGEST NUMBER. REFER TO THE CODE PLANS FOR ROOM OCCUPANT LOADS. AREAS OR ROOMS WITH 50 OR MORE OCCUPANTS SHALL BE PROVIDED WITH TWO OR MORE MEANS OF EGRESS; 500 OR MORE OCCUPANTS SHALL BE PROVIDED WITH THREE OR MORE MEANS OF EGRESS; AND 1000 OR MORE OCCUPANTS SHALL BE PROVIDED WITH FOUR OR MORE MEANS OF EGRESS.

SPACES WITH ONE EXIT, OHIO BUILDING CODE TABLE 1006.2.1, (E) USE - 75 FEET WITH SPRINKLER SYSTEM.

EGRESS CALCULATIONS ARE BASED ON MAXIMUM CONCURRENT USE OF ACADEMIC AREAS WITH GYMNASIUM AND PERFORMANCE USE.
- STRUCTURAL DESIGN LOADS:**
REFER TO STRUCTURAL DRAWINGS FOR CODE REQUIREMENTS

000 ROOM NUMBER
 45 CALCULATED MAXIMUM OCCUPANT LOAD

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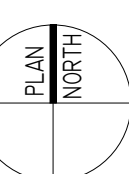
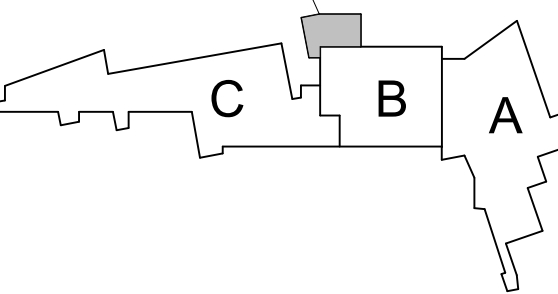


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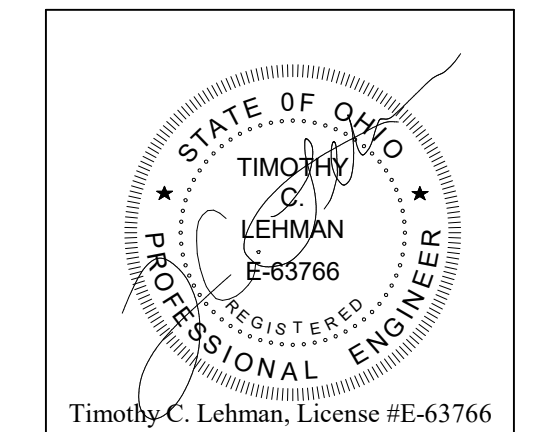
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ADDITION



KEY PLAN

CONSTRUCTION DOCUMENTS

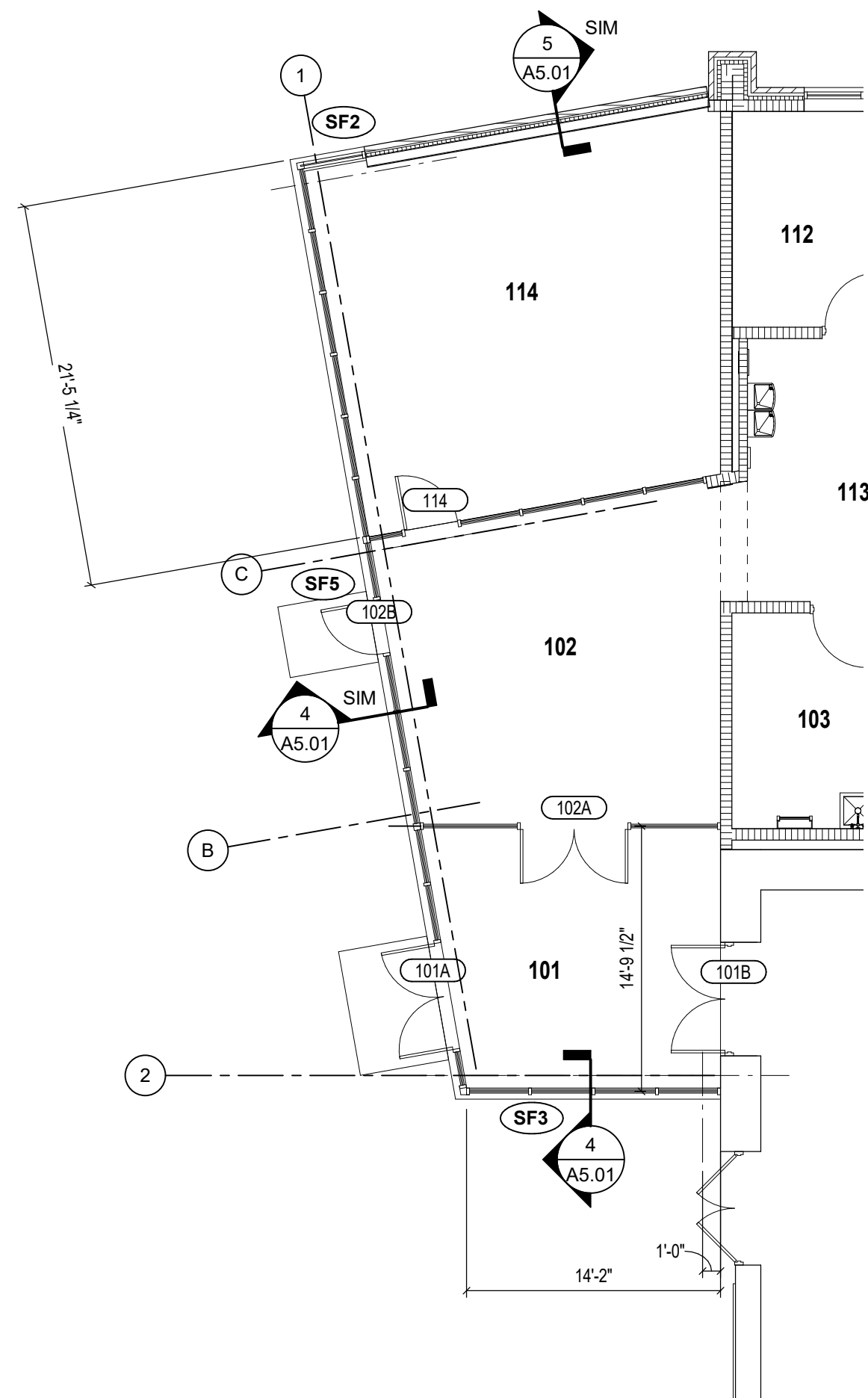


DRAWN BY: Author
 PROJECT NUMBER: 223193.00
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REV. NO.	DESCRIPTION	DATE

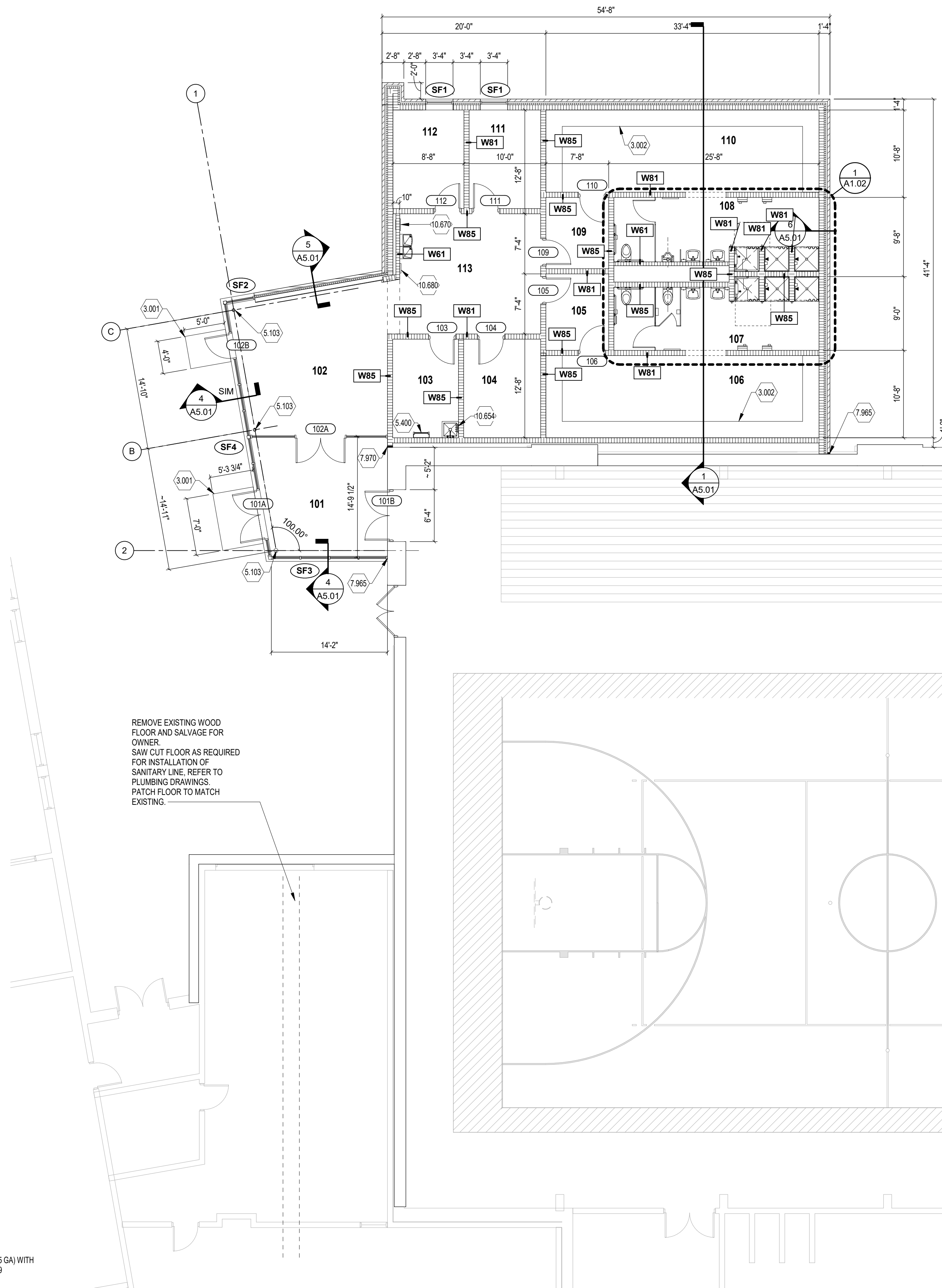
CODE PLAN

A0.01



ARCHITECTURAL FLOOR PLAN - TEAM ROOM ALTERNATE

SCALE: 1/8" = 1'-0"



ARCHITECTURAL FLOOR PLAN - BASE BID

SCALE: 1/8" = 1'-0"

ROOM LEGEND

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
101		VESTIBULE	232 SF
102		COMMONS	323 SF
103		UTILITY	97 SF
104		LAUNDRY	113 SF
105		VESTIBULE	72 SF
106		WOMENS LOCKER ROOM	334 SF
107		RESTROOM/SHOWER	291 SF
108		RESTROOM/SHOWER	204 SF
109		VESTIBULE	67 SF
110		MENS LOCKER ROOM	334 SF
111		OFFICE	103 SF
112		OFFICE	104 SF
113		COMMONS	262 SF

ROOM LEGEND ALTERNATE

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
114		TEAM ROOM	446 SF

ARCHITECTURAL PLAN GENERAL NOTES

- A. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
- C. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM BELOW GRADE.
- D. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- E. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
- F. FOR TYPICAL COMMON JOINT DETAILS REFER TO CONSTRUCTION MOVEMENT JOINT DETAILS REFER TO DETAILS ON SHEET XX.
- G. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPT: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
- H. HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- I. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE EXCEPT AT BULKHEADS, WINDOW AND DOOR HEADS.
- J. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
- K. REFER TO ROOM FINISH SCHEDULE OR PLAN AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
- L. PROVIDE WOOD BLOCKING AS REQUIRED, WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- M. REFER TO MASTER CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.
- N. PROVIDE SPRAY FOAM INSULATION AND THERMAL BARRIER CONTINUOUS AT INTERSECTION OF EXTERIOR WALLS AND DECK.

ARCHITECTURAL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

WB### INDICATES WALL TYPE. REFER TO DRAWING FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

NO. DESCRIPTION

- 3.001 CONCRETE STOOP
- 3.002 CONCRETE ATHLETIC LOCKER BASE. REFER TO DETAIL 2/A1.02
- 4.203 6" CMU
- 4.205 8" CMU
- 4.213 CMU BOND BEAM
- 4.460 HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. VERTICALLY
- 5.103 STRUCTURAL COLUMN - REFER TO STRUCTURAL DRAWINGS
- 5.400 ROOF ACCESS LADDER. SEE DETAIL DWG A2.01
- 7.965 PREFORMED JOINT SEAL
- 7.970 JOINT SEALANT
- 9.100 5/8" GYPSUM WALLBOARD (GWB)
- 9.130 3" SF METAL STUDS AT 24" O.C. (25 GA) WITH ACOUSTICAL INSULATION - UL U419
- 9.270 ACOUSTICAL PANEL CEILING - REFER TO CEILING PLANS
- 9.400 RESILIENT BASE (RB)
- 10.054 MOP AND BROOM HOLDER (MH)
- 10.670 DEFBRILLATOR CABINET (AED)
- 10.680 FIRE PROTECTION CABINET, RECESSED

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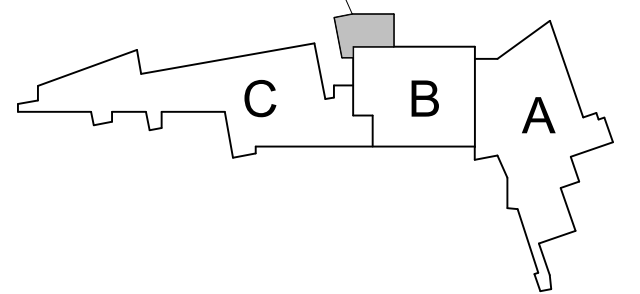


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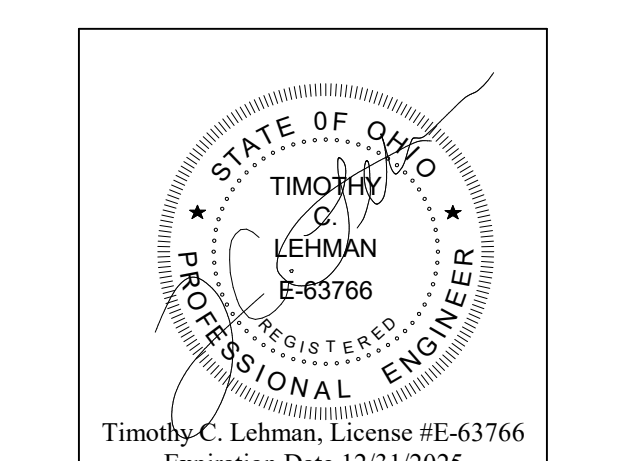
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ADDITION



KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY: MM
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

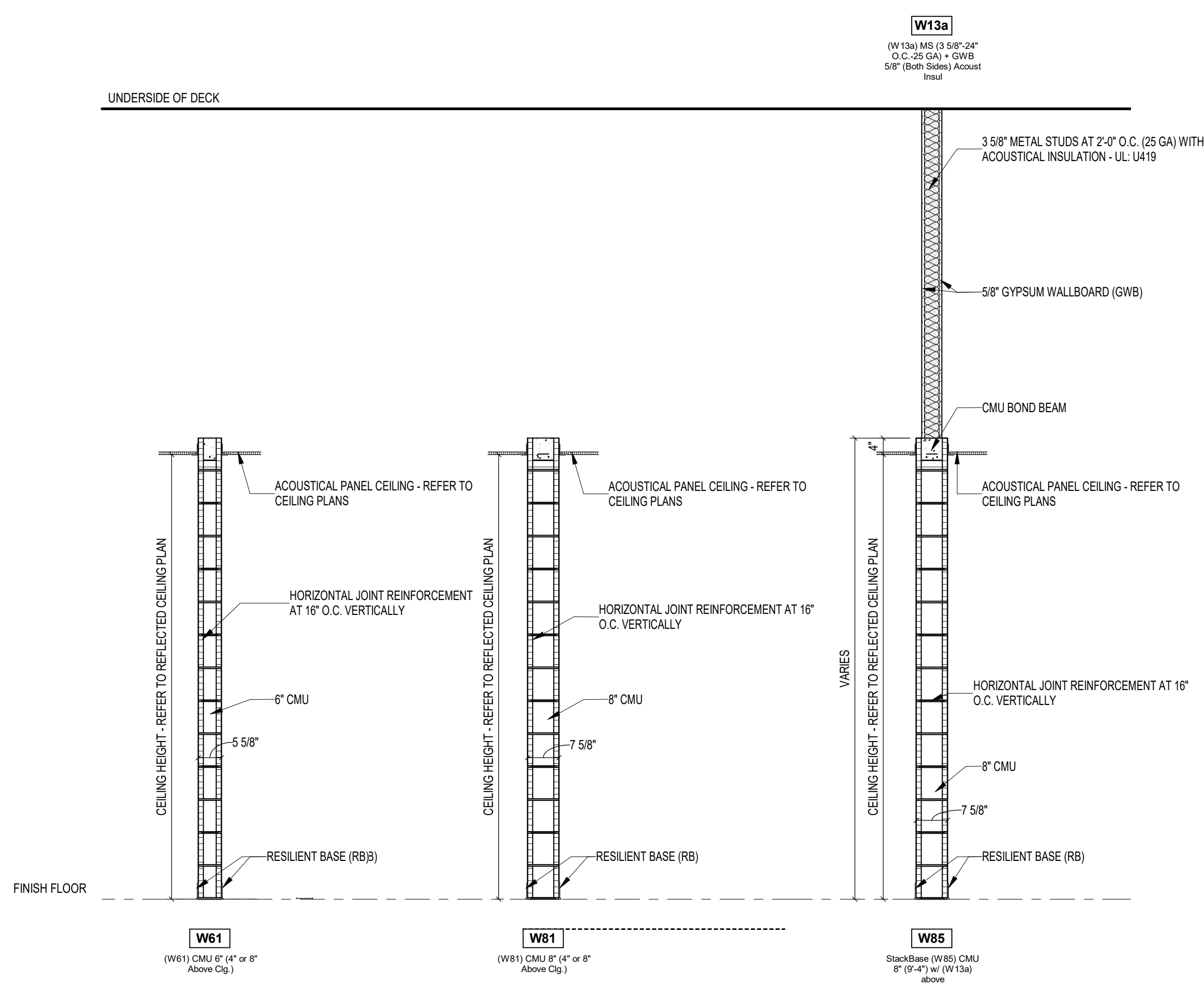
ARCHITECTURAL FLOOR PLANS & DETAILS

A1.01

GYPSUM WALLBOARD SCHEDULE

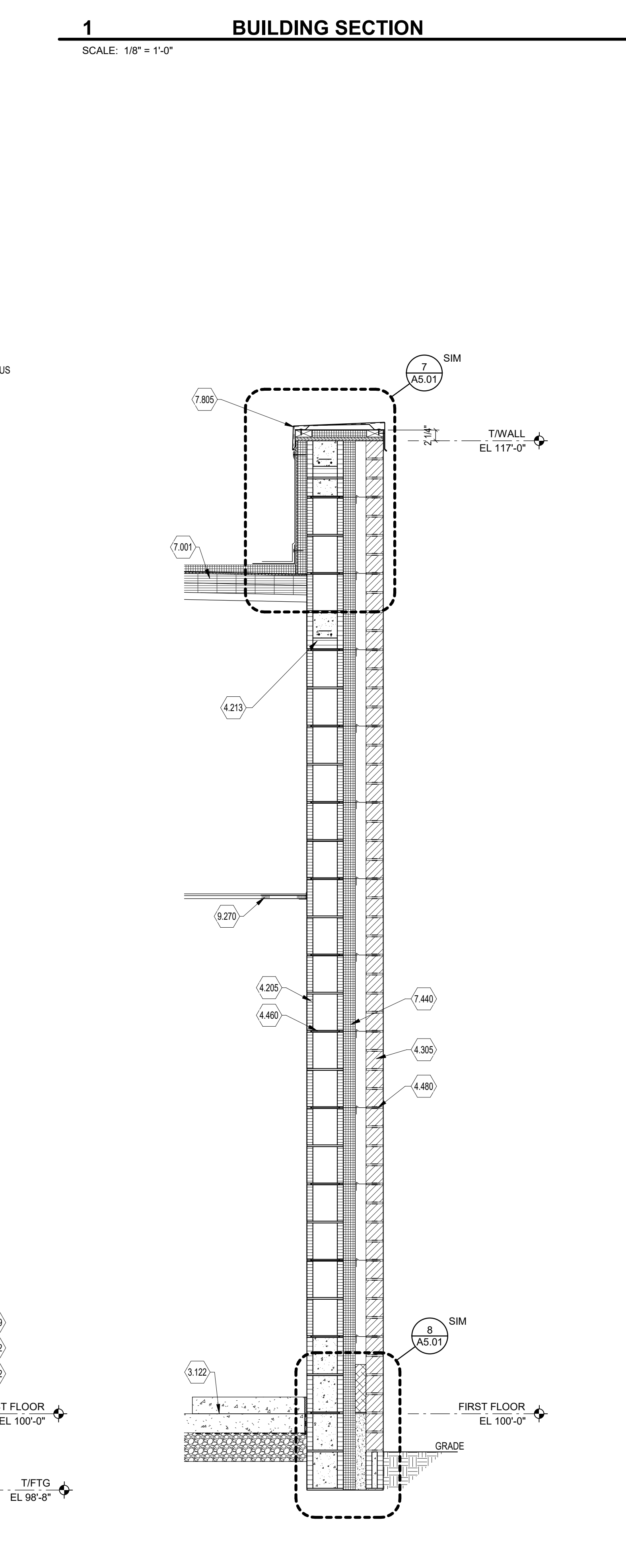
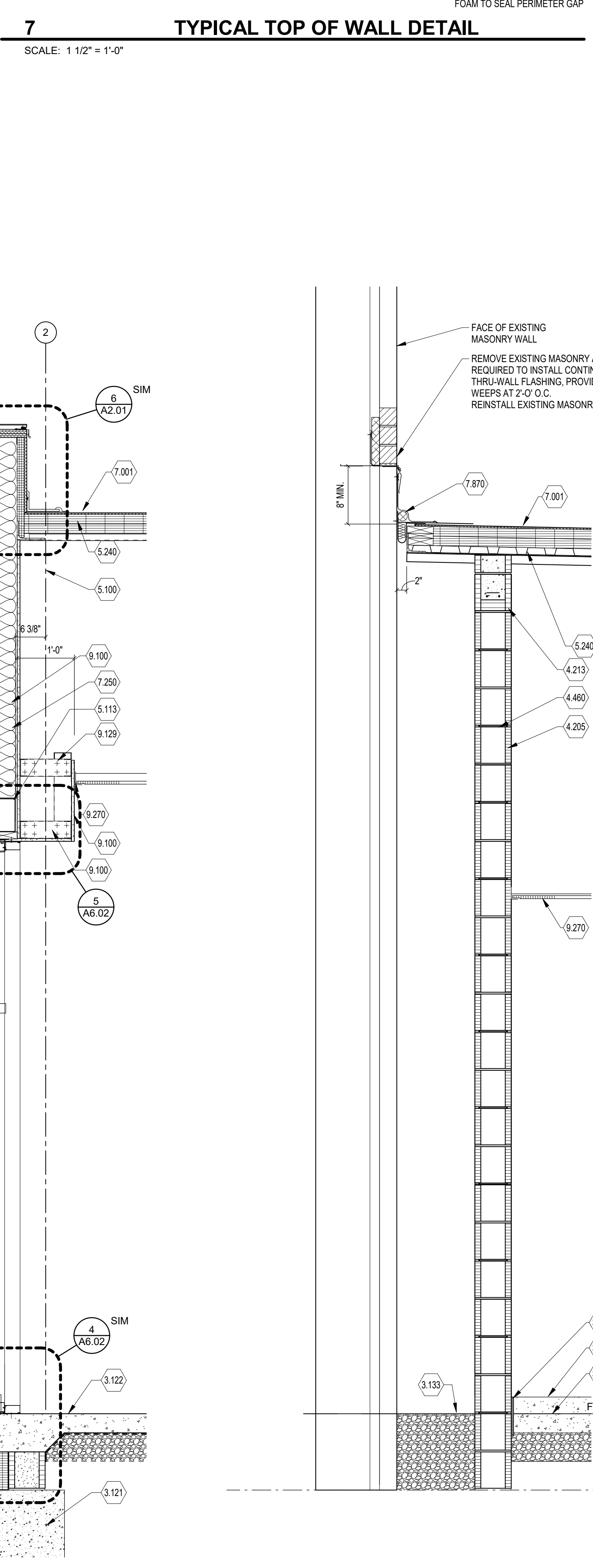
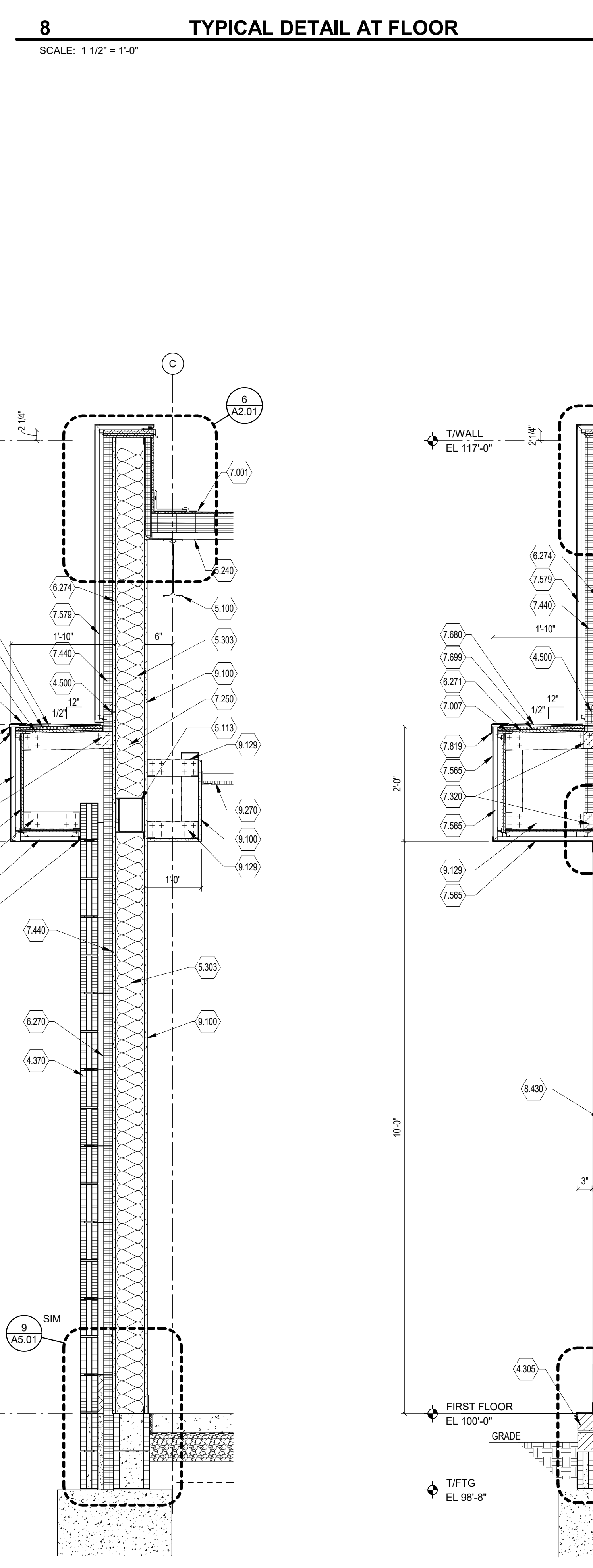
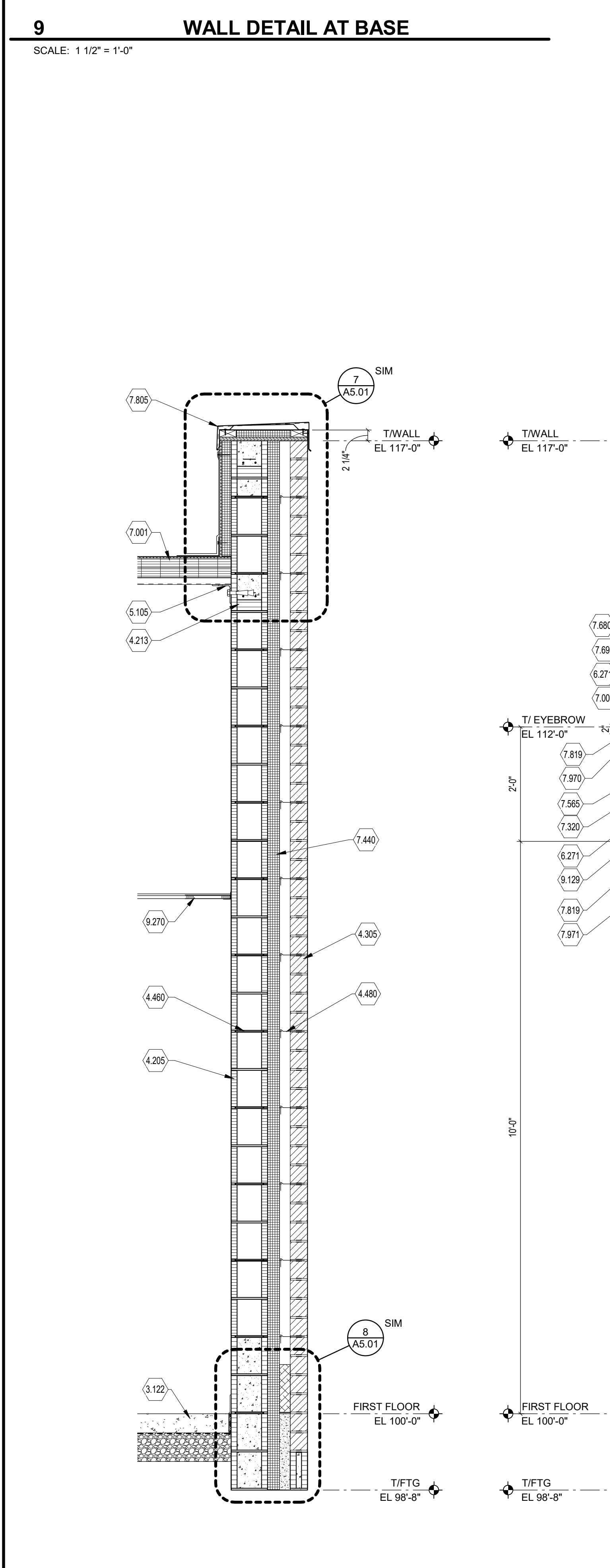
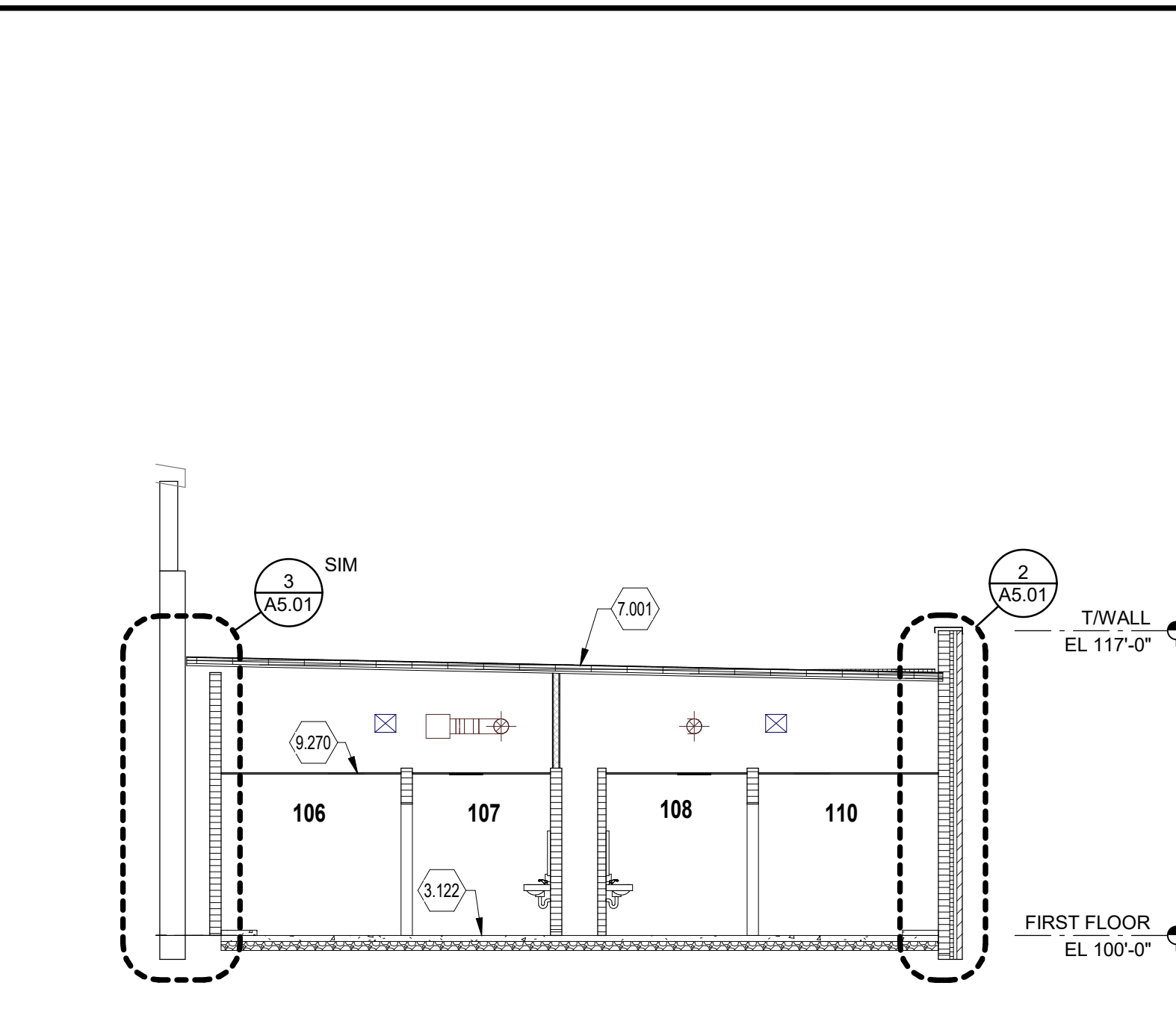
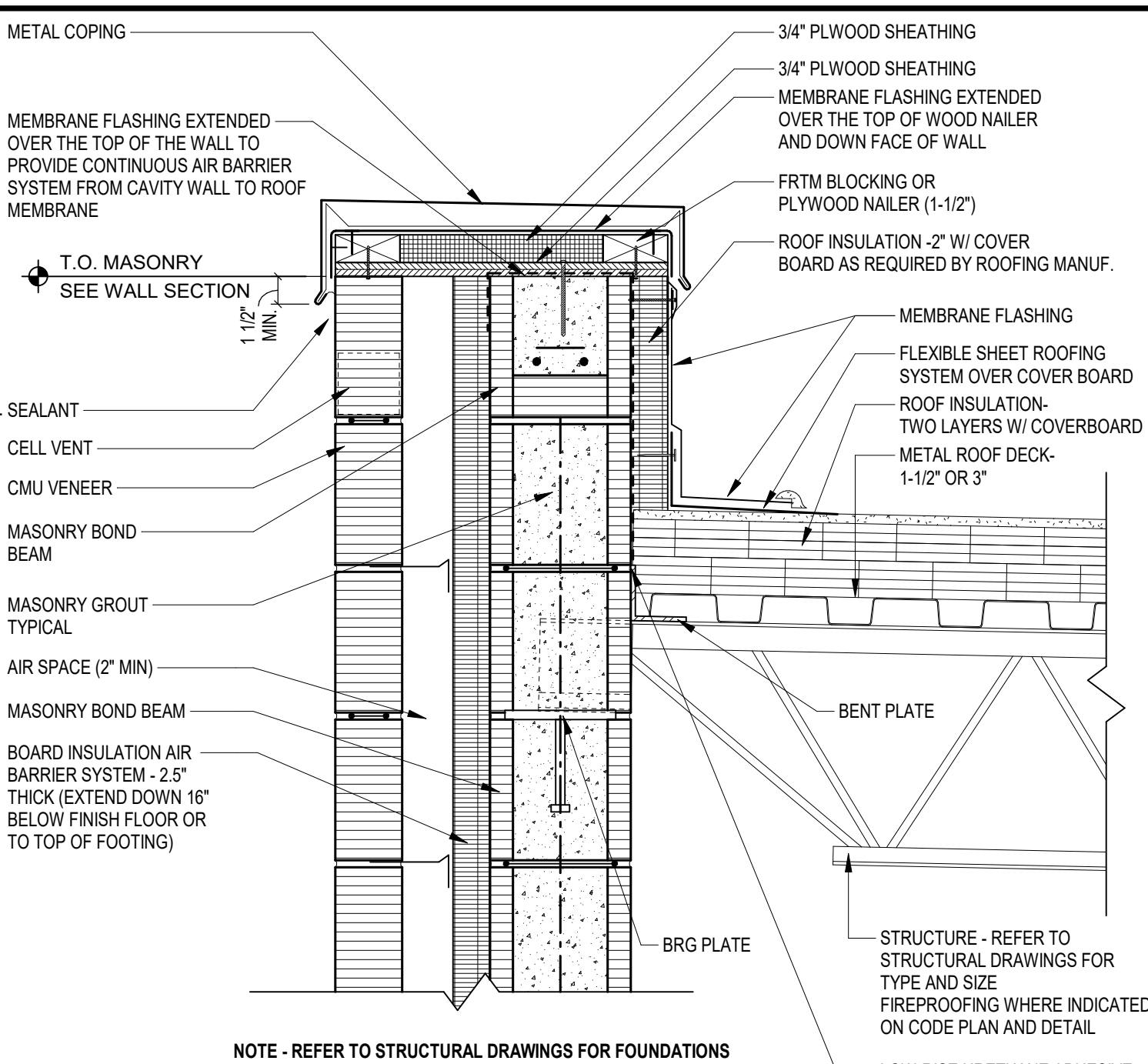
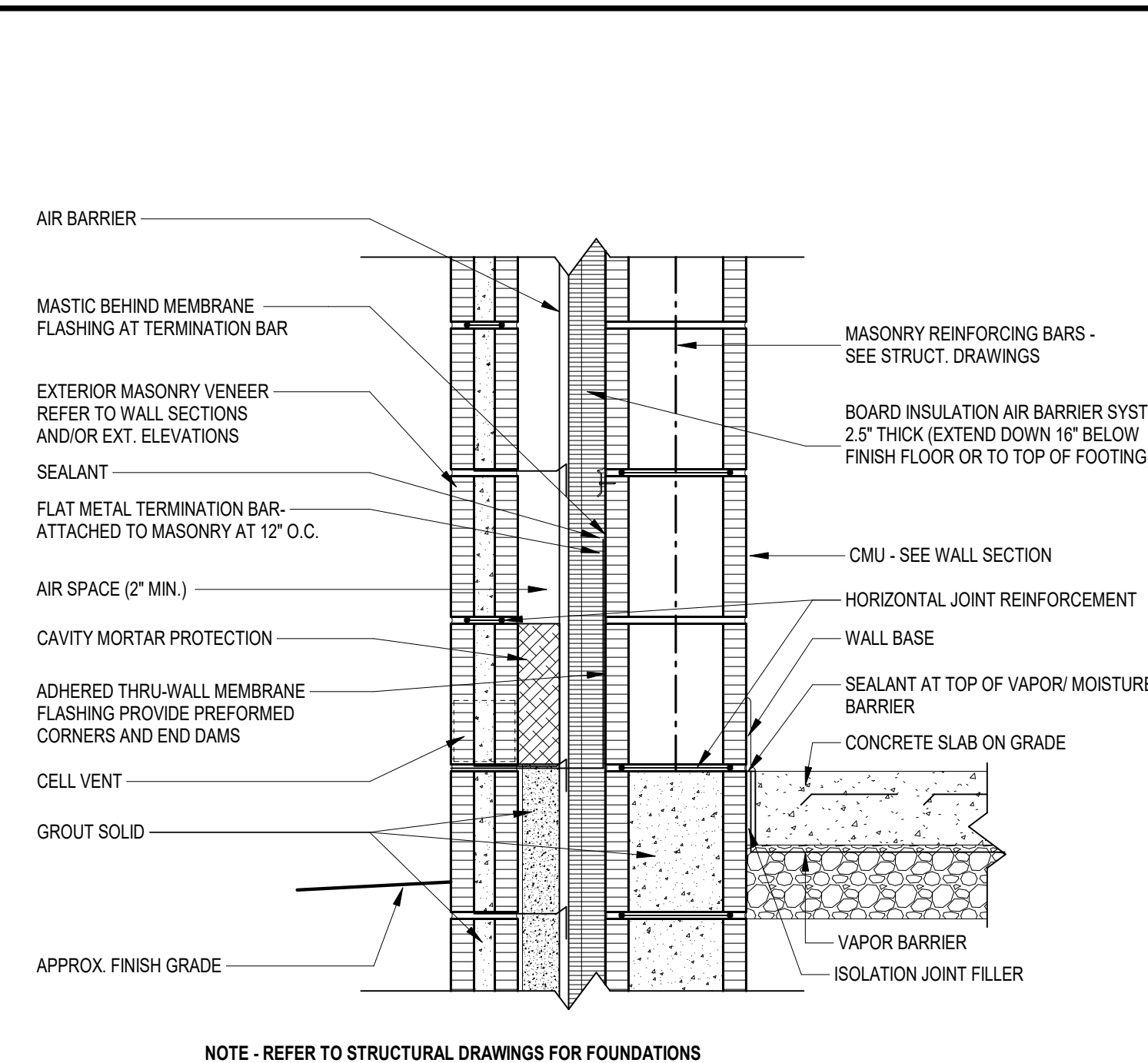
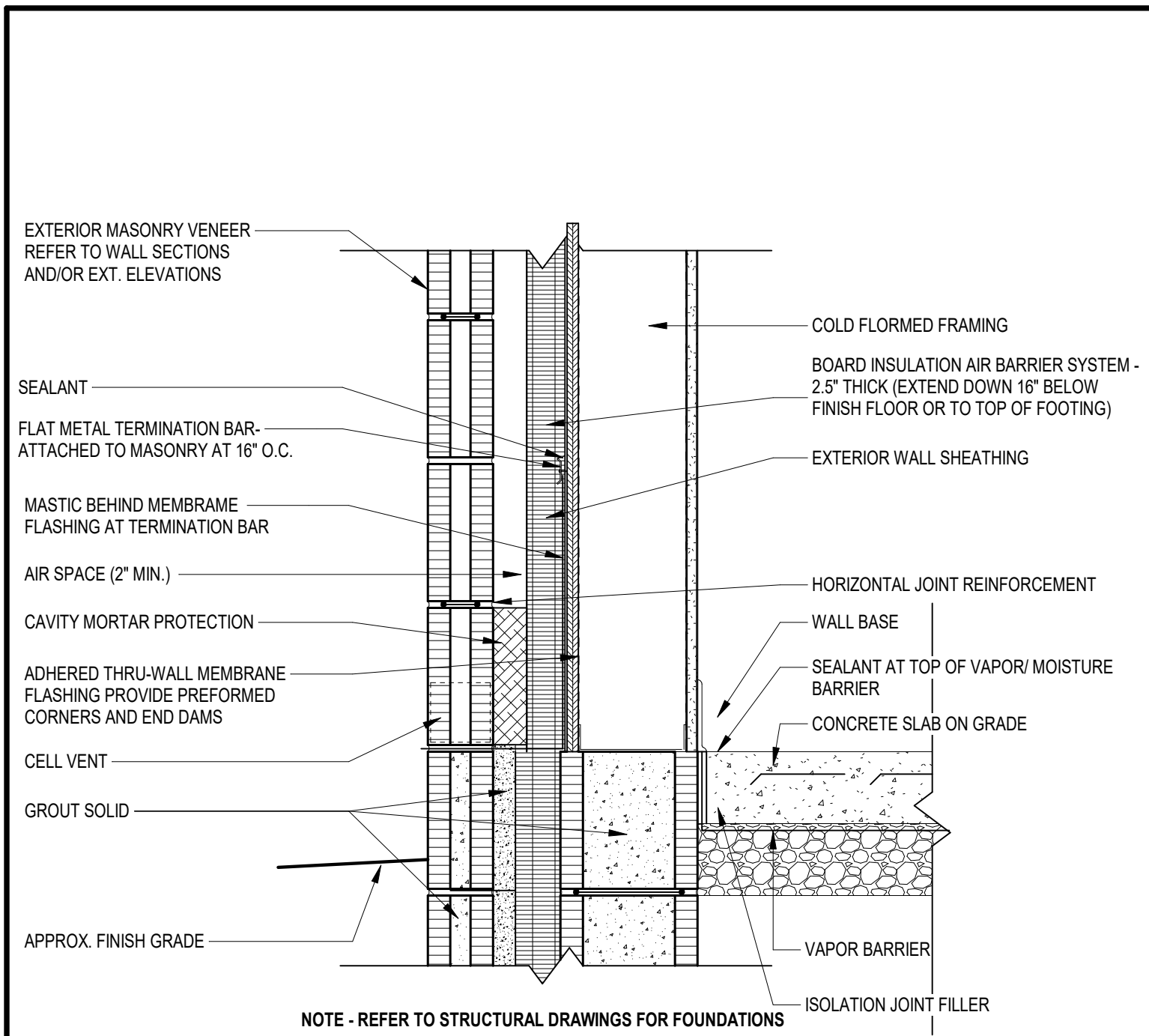
LOCATION	TYPE
CLASSROOMS, LABS, COLLABORATION, AND OTHER STUDENT OCCUPIED SPACES	MOISTURE-AND-MOLD-RESISTANT GYPSUM BOARD (WMB) ABUSE RESISTANT AND MOISTURE-AND-MOLD-RESISTANT GYPSUM BOARD (ARB) TO 6'-0" AFF MOISTURE-AND-RESISTANT GYPSUM BOARD ABOVE 6'-0" AFF IMPACT RESISTANT AND MOISTURE-AND-MOLD-RESISTANT GYPSUM BOARD (IRB) TO 6'-0" AFF MOISTURE-AND-RESISTANT GYPSUM BOARD ABOVE 6'-0" AFF
STUDENT RESTROOMS (EXCEPT WET WALLS)	GLASS/WATER RESISTANT TILE BACKING BOARD BEHIND AREAS TO RECEIVE TILE ("WET WALLS")
SHOWERS AND PLUMBING FIXTURE WALLS IN RESTROOMS (WET WALLS)	ACoustically ENHANCED GYPSUM BOARD (AEB)
BULKHEADS AND CEILINGS	

- NOTES:
1. WET WALLS: WALLS WITH PLUMBING FIXTURES MOUNTED ON THEM AND WALLS IN SHOWER OR SIMILAR AREAS THAT WILL BE INTERMITTENTLY WET.
2. REFER TO INTERIOR DRAWINGS FOR LOCATIONS DIRECTED TO RECEIVE TILE.



WALL TYPES

SCALE: 1/2" = 1'-0"



BUILDING SECTION NOTES
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

NO.	DESCRIPTION
3.002	CONCRETE ATHLETIC LOCKER BASE, REFER TO DETAIL 2/A1.02
3.120	CONCRETE FOOTING - REFER TO STRUCTURAL DRAWINGS
3.121	CONCRETE COLUMN FOOTING - REFER TO STRUCTURAL DRAWINGS
3.122	CONCRETE SLAB ON VAPOR BARRIER ON DRAINAGE FILL - REFER TO STRUCTURAL DRAWINGS
3.129	ISOLATION JOINT FILLER
3.133	DRAINAGE FILL
4.205	8" CMU
4.213	CMU BOND BEAM
4.306	UTILITY SIZE FACE BRICK, MATCH EXISTING
4.370	GLAZED STRUCTURAL-CLAY FACING TILE, 'ELGIN - BUTLER' HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. VERTICALLY
4.480	MASONRY VENEER ANCHORS
4.500	FLEXIBLE FLASHING, STAINLESS STEEL
5.100	STEEL JOIST / TRUSS - REFER TO STRUCTURAL DRAWINGS
5.105	STEEL SUPPORT ANGLE - REFER TO STRUCTURAL DRAWINGS
5.113	STEEL TUBE - REFER TO STRUCTURAL DRAWINGS
5.200	STEEL JOIST / TRUSS - REFER TO STRUCTURAL DRAWINGS
5.240	METAL DECK - REFER TO STRUCTURAL DRAWINGS, FOR SIZE AND DIRECTION
5.303	6" COLD-FORMED METAL FRAMING
6.270	1/2" PLYWOOD WALL SHEATHING
6.271	5/8" PLYWOOD WALL SHEATHING
6.274	5/8" GLASS-MAT GYPSUM WALL (OR SOFFIT) SHEATHING
7.001	ROOFING SYSTEM - REFER TO ROOF PLAN
7.007	MEMBRANE FLASHING
7.250	5 1/2" THICK UNFACED FACED GLASS-FIBER BLANKET INSULATION
7.320	FOAMED-IN-PLACE INSULATION
7.440	2" BOARDSTOCK AIR BARRIER
7.565	METAL WALL PANEL - COLOR 'A'
7.579	METAL WALL PANEL - COLOR 'B'
7.680	ADHERED THERMOPLASTIC MEMBRANE ROOFING SYSTEM COVER BOARD
7.685	METAL COPING
7.819	PREFORMED METAL DRIP EDGE MATCH PANEL COLOR
7.870	BELLOWS-TYPE ROOF EXPANSION JOINT
7.970	JOINT SEALANT
7.971	BACKER ROD AND JOINT SEALANT
8.430	STOREFRONT FRAMING
9.100	5/8" GYPSUM WALLBOARD (GWB)
9.129	3/8" METAL STUDS AT 24" O.C. (25 GA)
9.270	ACOUSTICAL PANEL CEILING - REFER TO CEILING PLANS

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE COMMUNITY COLLEGE

EdisonState COMMUNITY COLLEGE

ARCHITECT

FANNING HOWEY

419-586-7771 WWW.FHAI.COM
128 WEST MARKET STREET, CELINA, OHIO 45822

ADDITION

CONSTRUCTION DOCUMENTS

STATE OF OHIO
TIMOTHY C. LEHMAN
E-63766
PROFESSIONAL ENGINEER
Timothy C. Lehman, License #E-63766
Expiration Date 12/31/2025

DRAWN BY: MM
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

BUILDING AND WALL SECTIONS

A5.01

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CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE
COMMUNITY COLLEGE

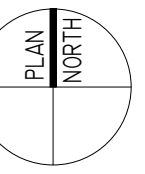
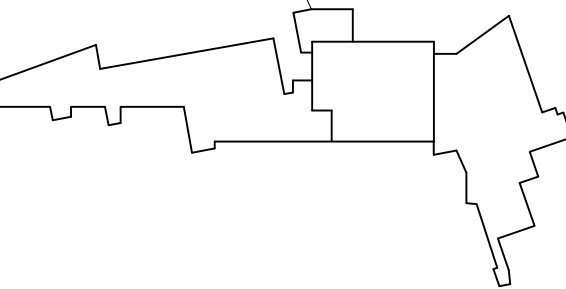


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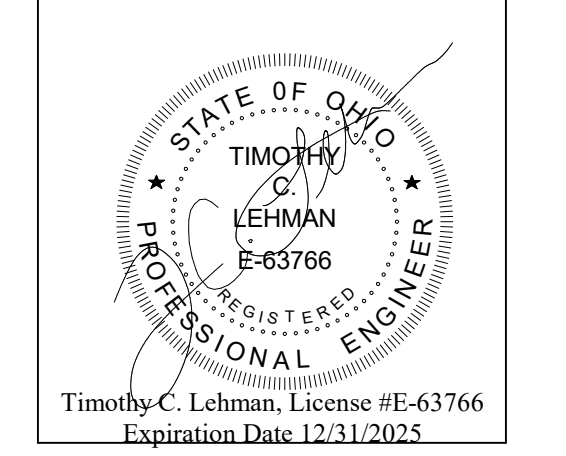


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ADDITION



CONSTRUCTION DOCUMENTS

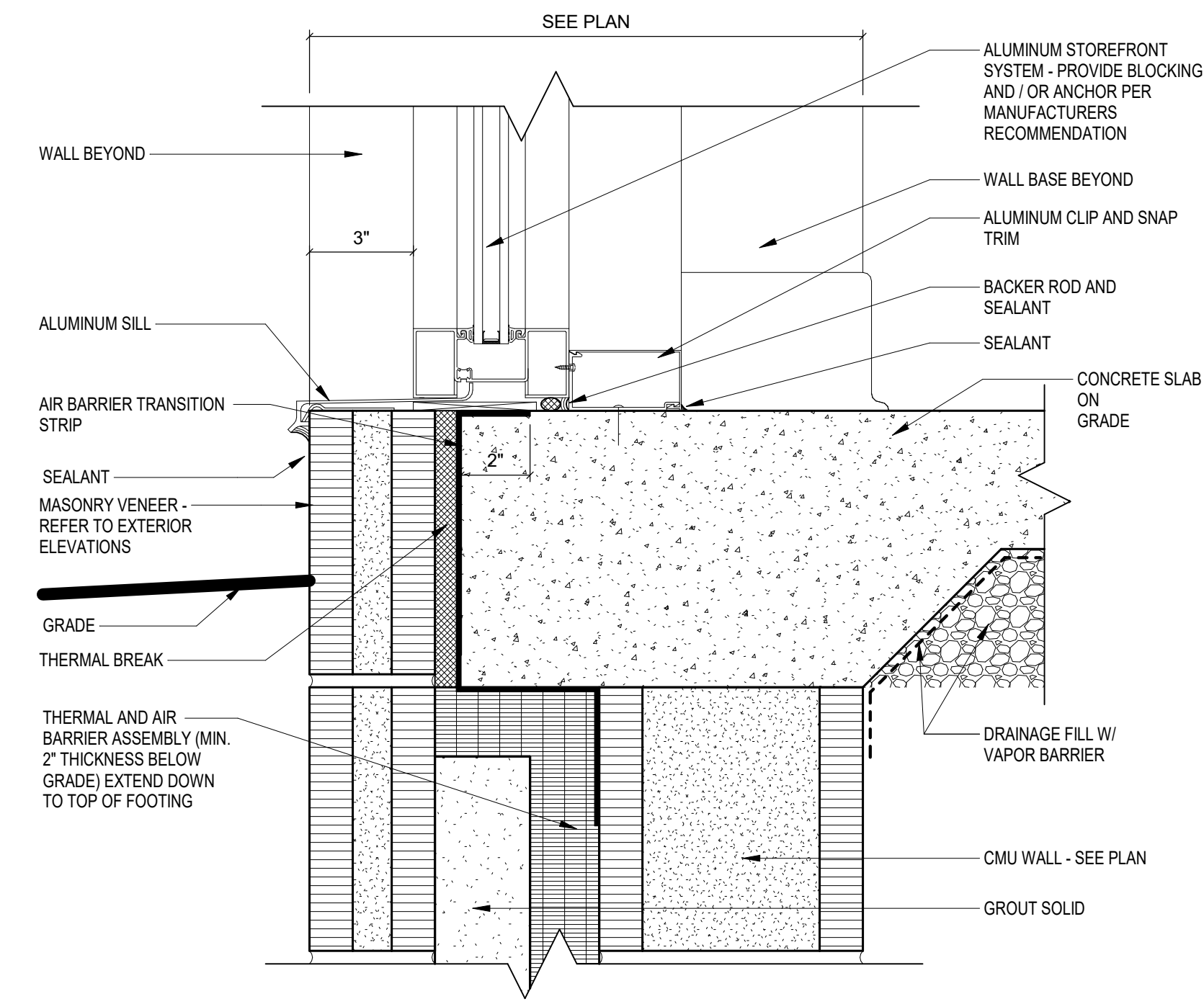


DRAWN BY: Author
PROJECT NUMBER: 223193.00
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REV. NO.	DESCRIPTION	DATE

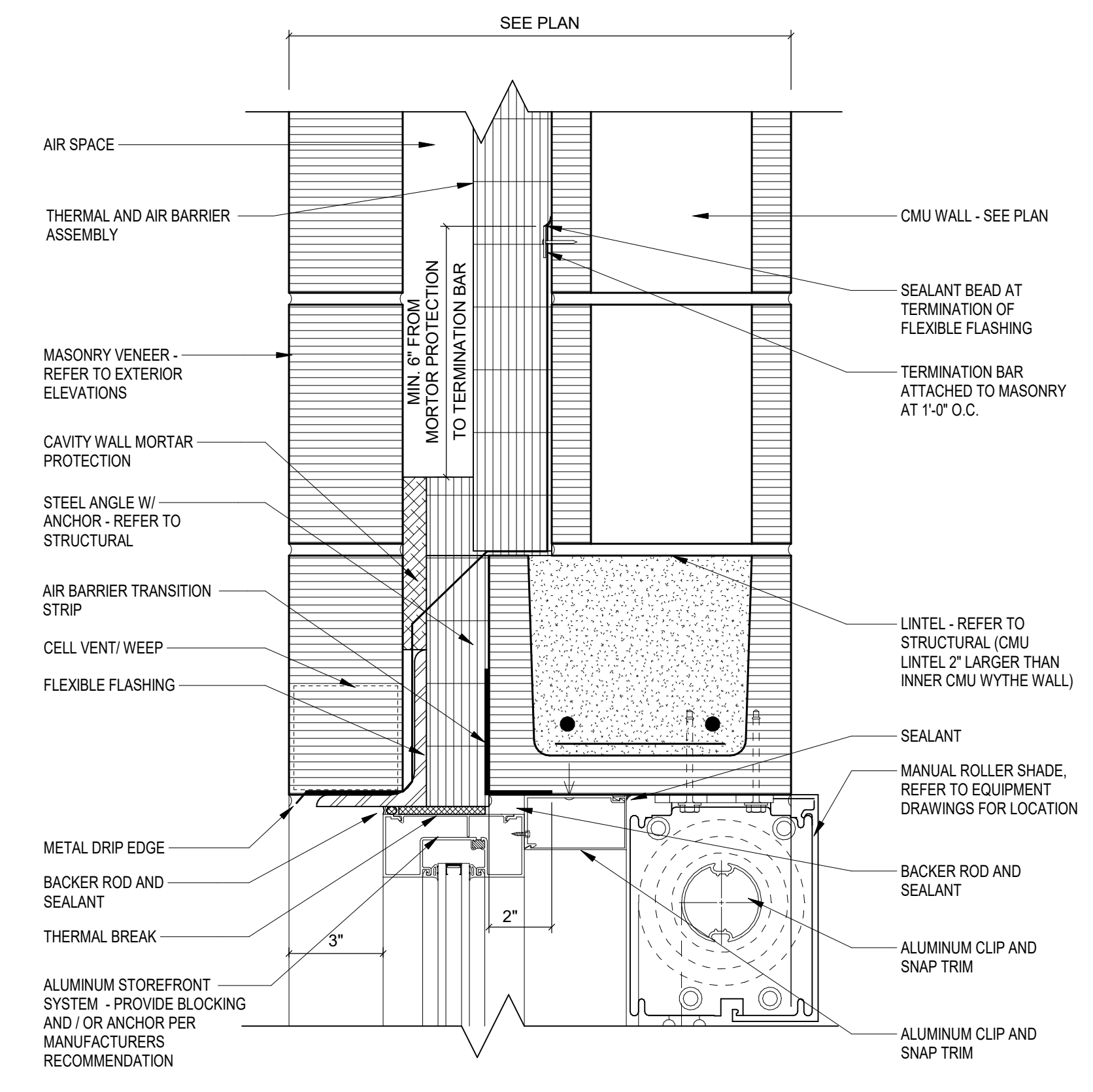
DOOR AND WINDOW DETAILS

A6.02



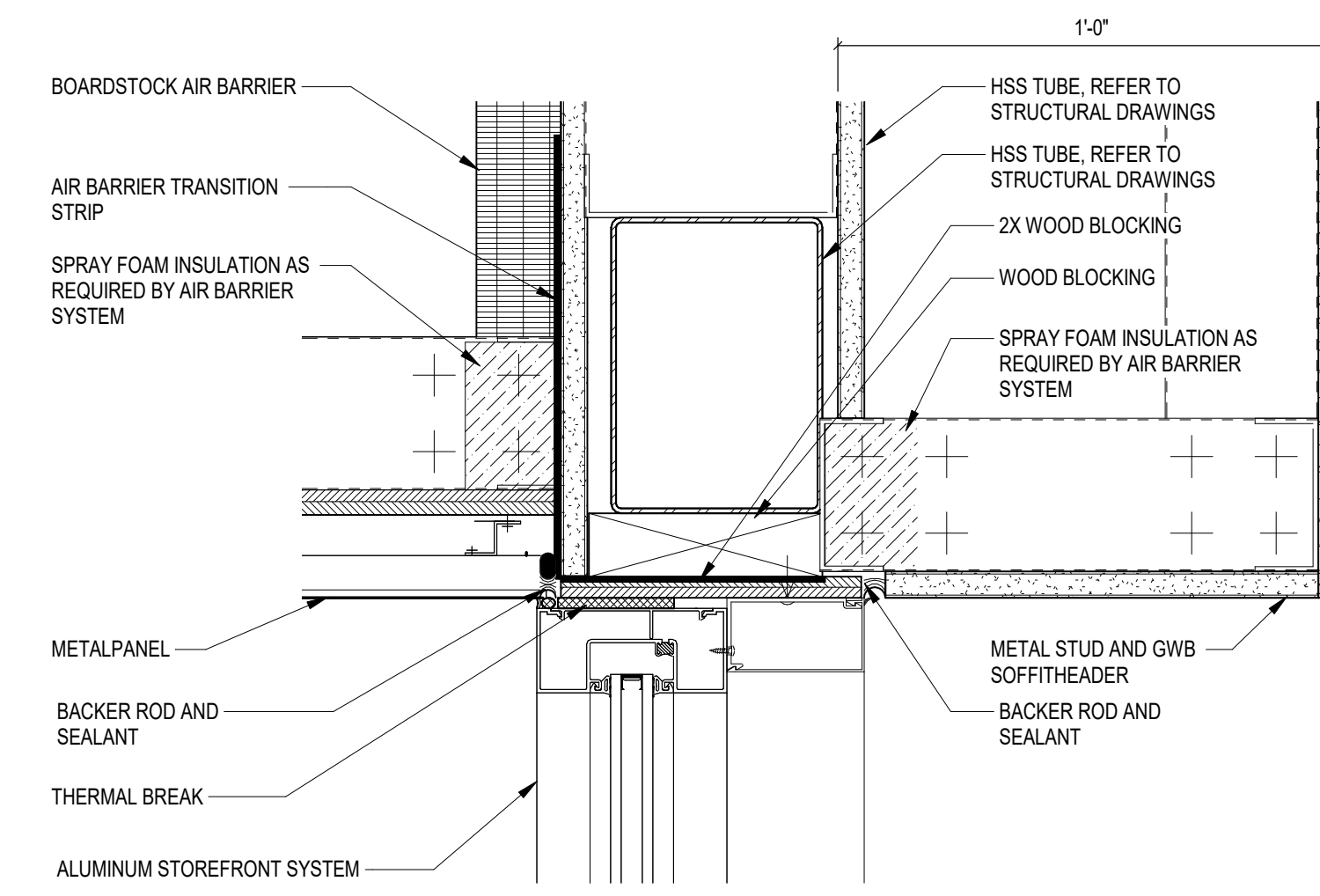
4 SILL - STOREFRONT

SCALE: 3" = 1'-0"



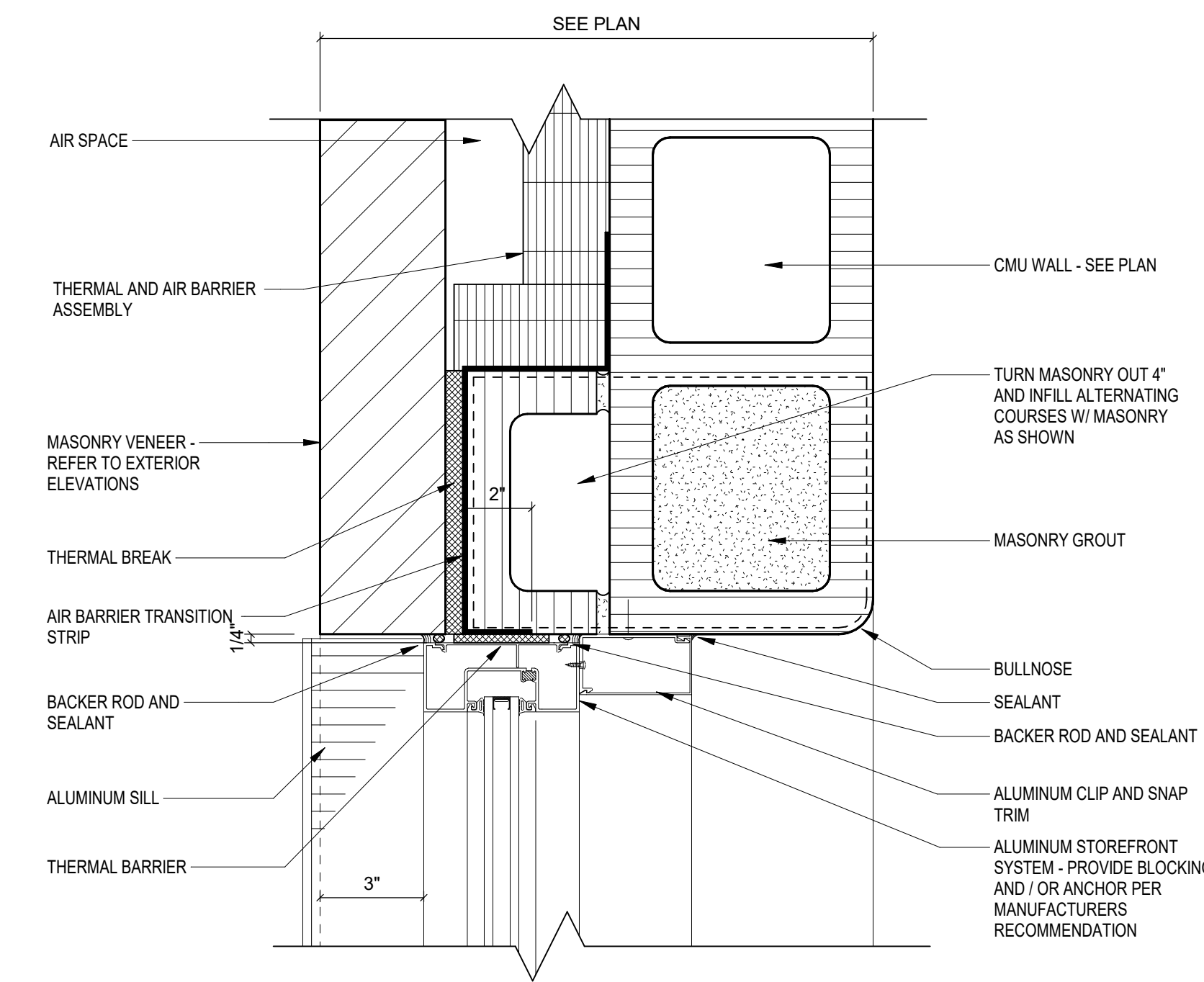
1 HEAD - STOREFRONT

SCALE: 3" = 1'-0"



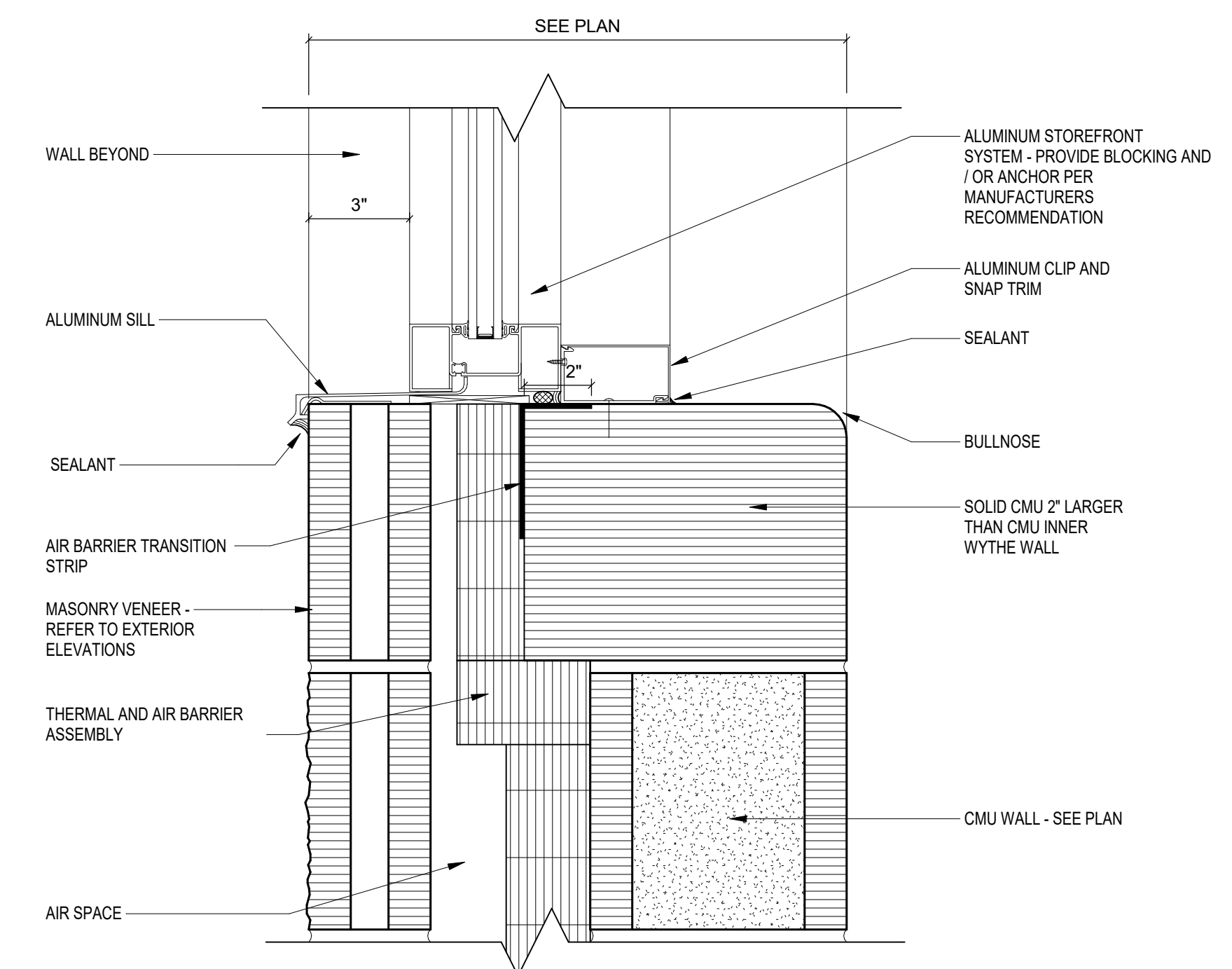
5 HEAD - STOREFRONT

SCALE: 3" = 1'-0"



2 JAMB - STOREFRONT

SCALE: 3" = 1'-0"



3 SILL - STOREFRONT

SCALE: 3" = 1'-0"

LIST OF FINISHES

REFER TO A7 ARCH. DWG. SHTS

EQUIPMENT MATERIALS

REFER TO A7 ARCH. DWG. SHTS

HP PLASTIC LAMINATE

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes PL-1 (CABT) and PL-2 (CABT).

LOCKERS

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes LKRS-1A & 1B.

TACKBOARD / TACKABLE WALL SURFACE / TACKSTRIP

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes TWS-1.

METAL TOILET COMPARTMENTS

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes TPP-1.

MARKERBOARD

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes WHITE HIGH GLOSS.

KICKPLATES

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes STAINLESS STEEL.

WASH FOUNTAIN SOLID SURFACE

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes LAV-1.

FLOOR MATERIALS

REFER TO A8 ARCH. DWG. SHEETS

DECORATIVE RESINOUS FLOORING

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes DRF-1.

CARPET TILE

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes CART-1.

CURE AND SEALED CONCRETE

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes CSC.

BASE MATERIALS

REFER TO A8 ARCH. DWG. SHEETS

RESILIENT BASE

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes RB-1.

DECORATIVE RESINOUS FLOORING

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes DRF-1.

WALL FINISHES

REFER TO A8 ARCH. DWG. SHEETS

PAINT

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes P-1 through P-7.

CERAMIC WALL TILE

Table with 3 columns: MATERIAL ABBREVIATION, MATERIAL/MANUFACTURER, COLOR SELECTION. Includes CWT-1 through CWT-3.

EQUIPT MATERIAL & FINISH GEN. NOTES

A. EDUCATIONAL CASEWORK FINISHES ARE AS FOLLOWS (U.N.O.):

HIGH PRESSURE PLASTIC LAMINATE COUNTERTOPS AND WORKSURFACES ARE TO BE PL-1, UNLESS OTHERWISE NOTED. 3MM AND 1MM PVC EDGES ON COUNTERTOPS AND WORKSURFACES ARE TO MATCH PL-1. SUBMIT ALL MANUFACTURER SAMPLES FOR VERIFICATION AND SELECTION. 3MM AND 1MM EDGES TO MATCH PL-1 ARE TO BE MANUFACTURED UTILIZING THE SAME LAMINATE PAPER, PATTERN AND COLORATION AS PL-1. DEVIATION FROM CUSTOM PRECISE MATCH IS NOT ACCEPTABLE.

B. PLASTIC LAMINATE FACED ARCHITECTURAL CABINERY (CUSTOM CASEWORK - DIV. 06) CASEWORK FINISHES ARE AS FOLLOWS (U.N.O.):

HIGH PRESSURE PLASTIC LAMINATE COUNTERTOPS AND WORKSURFACES ARE TO BE PL-1, UNLESS OTHERWISE NOTED. 3MM AND 1MM PVC EDGES ON COUNTERTOPS AND WORKSURFACES ARE TO MATCH PL-1. SUBMIT ALL MANUFACTURER SAMPLES FOR VERIFICATION AND SELECTION. 3MM AND 1MM EDGES TO MATCH PL-1 ARE TO BE MANUFACTURED UTILIZING THE SAME LAMINATE PAPER, PATTERN AND COLORATION AS PL-1. DEVIATION FROM CUSTOM PRECISE MATCH IS NOT ACCEPTABLE.

MATERIAL & FINISH GENERAL NOTES

GENERAL/MISC. REFER TO FINISH PLAN DRAWINGS AND DETAILS (A8 SERIES) FOR MATERIALS, PATTERNS AND COLORS. REFER TO A7.00A FOR LIST OF FINISHES. FLOORING. CENTER FLOORING TILE AND PATTERN IN ROOM UNLESS OTHERWISE INDICATED ON FINISH PLANS.

CARPET TILE. ALL CARPET TILE BACKING TO HAVE A MOISTURE RESISTANT BARRIER AND BE HARDBACK. INSTALLATION METHOD TO BE HORIZONTAL BRICK ASHLAR FOR ALL CARPET TILE LISTED, REGARDLESS OF PLANKS, SQUARES OR SIZE OF TILE. SUBMIT INSTALLATION DRAWINGS INDICATING LAYOUT OF CARPET TILE PRIOR TO INSTALLATION FOR APPROVAL.

DECORATIVE RESINOUS FLOORING. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION. COORDINATE COLOR SELECTION WITH ARCHITECT. MANUFACTURER SHALL SUBMIT FULL RANGE OF BASE COATS AND CHIP COLORS FOR INITIAL SELECTION. ONCE SELECTION OF THESE FINISHES HAVE OCCURRED, MANUFACTURER SHALL SUBMIT FINAL LARGE FLOOR SAMPLE FOR VERIFICATION AND APPROVAL.

WALL BASE. RUBBER BASE (RB-1) TO BE INSTALLED AT ALL CSC AND CART LOCATIONS UNLESS OTHERWISE INDICATED. ALL RB BASE TO BE COVERED. AT RB LOCATIONS PROVIDE PREFORMED OUTSIDE CORNERS, AND USE MANUFACTURER'S RECOMMENDED ADHESIVE (CONTACT CEMENT) FOR PROPER ADHESION WITH NO GAPS.

PAINT & STAIN. PAINT ALL WALLS UNLESS OTHERWISE INDICATED ON FINISH PLANS.

PAINT TYPE GENERAL NOTES

A. UNDER SECTION 099123 - INTERIOR PAINTING, PAINT EXPOSED PIPES, DUCTWORK, BREACHING, CONDUIT, INSULATED PIPES, CONDUIT HANGERS, SUPPORTS, BRACING, ETC., WHICH OCCURS IN SPACES DESIGNATED TO BE PAINTED IN PART OR WHOLE. PAINTING AND FINISHING OF EXTERIOR SURFACES AS DESIGNATED. DETAILS SHALL BE UNDER THE WORK SECTION 099113 - EXTERIOR PAINTING.

PAINT COLOR GENERAL NOTES

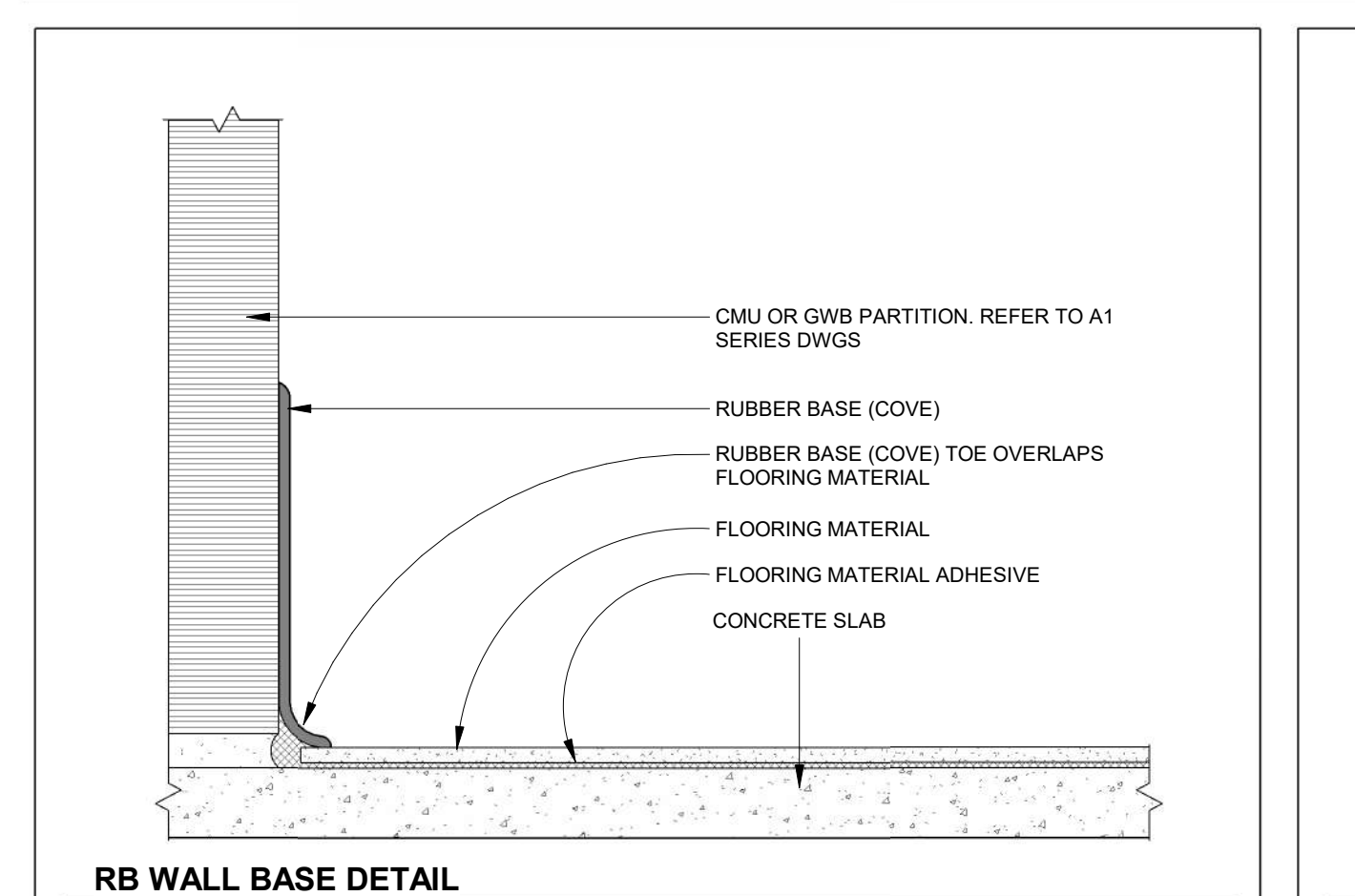
A. ALL INTERIOR WALLS SHALL BE PAINTED P-1, UNLESS OTHERWISE INDICATED ON FINISH PLANS OR INTERIOR ELEVATIONS. B. PAINT ALL EXPOSED STEEL ON STAIRS, RAILS, AND STRINGERS P-3. NOTE LOCATIONS OF BRUSHED ALUMINUM RAILINGS (IF APPLICABLE) AND DO NOT PAINT THEM.

CASEWORK SCHEDULE

Table with columns: TYPE, #, W, D, H, DESCRIPTION. Lists various casework units with dimensions and descriptions.

APPLIANCE SCHEDULE

Table with columns: ITEM NO., ITEM DESCRIPTION. Lists UNIMAC SOFTMOUNT COMMERCIAL WASHER EXTRACTOR and INDUSTRIAL TUMBLE DRYER.

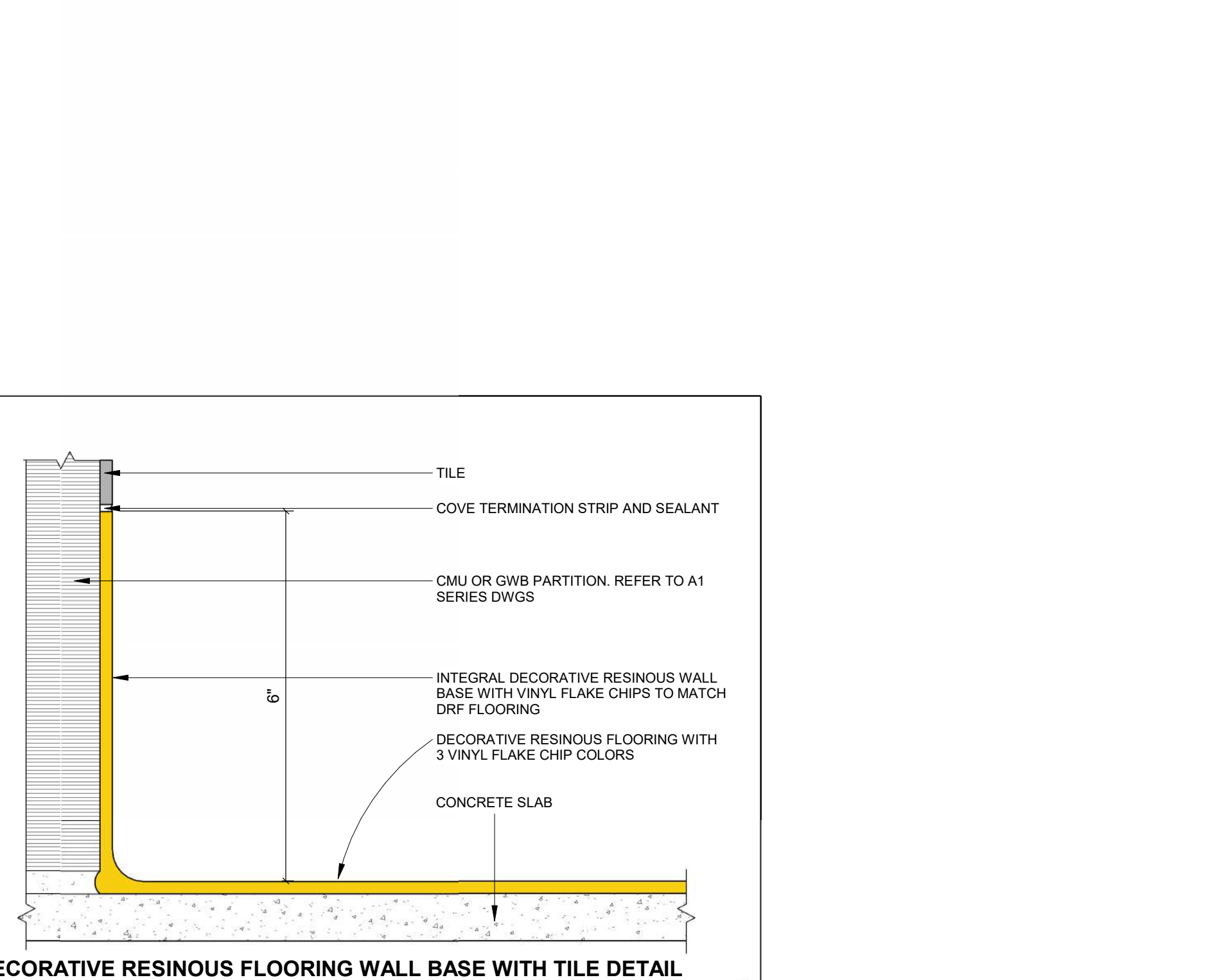


RB WALL BASE DETAIL. SCALE: 6" = 1'-0". REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.

LOCKER SCHEDULE

Table with columns: #, W, D, H, DESCRIPTION. Lists locker units with dimensions and descriptions.

Table with columns: #, W, D, H, DESCRIPTION. Lists locker units with dimensions and descriptions.



DECORATIVE RESINOUS FLOORING WALL BASE WITH TILE DETAIL. SCALE: 6" = 1'-0". REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.

Large grid table showing wall tile patterns for CWT-1, CWT-2, and CWT-3 across multiple rows and columns.

CWT-1, CWT-2, & CWT-3 WALL TILE PATTERN. SCALE: NOT TO SCALE.

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE PIQUA, OHIO 45653

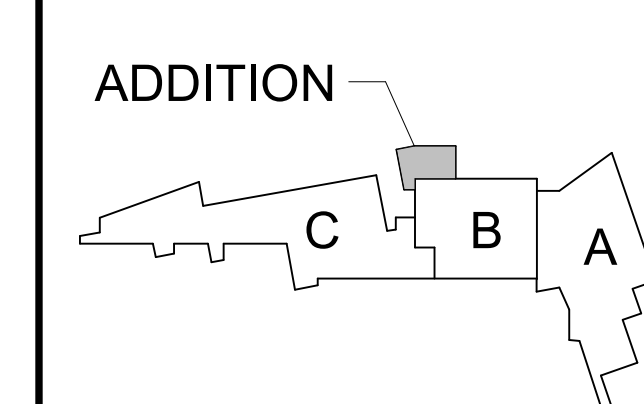
EDISON STATE COMMUNITY COLLEGE



ARCHITECT

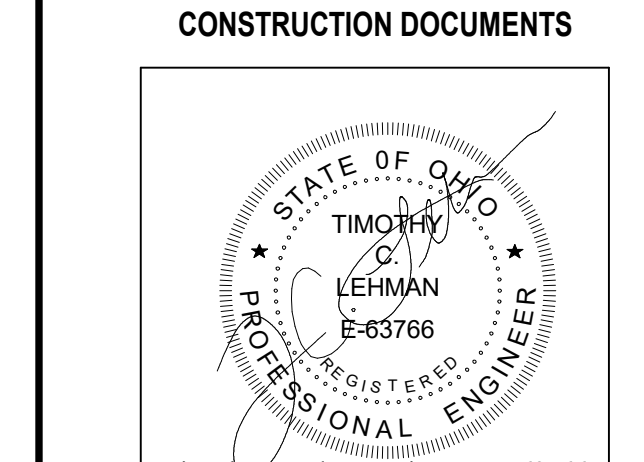
FANNING HOWE

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KEY PLAN

CONSTRUCTION DOCUMENTS



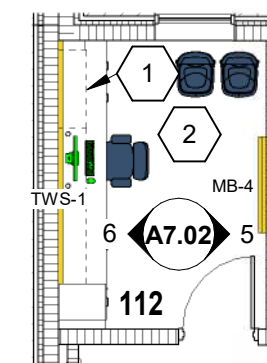
PROJECT MANAGER: RW DRAWN BY: CH PROJECT NUMBER: 223193.00 PROJECT ISSUE DATE: 2-22-2024

Table with columns: REV. NO., DESCRIPTION, DATE. Revision table for construction documents.

EQPT. SCHEDULES, LIST OF FINISHES, AND DETAILS

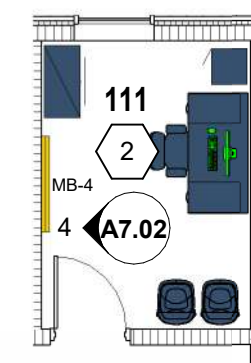
A7.00A

ROOM LEGEND - FIRST FLOOR		
ROOM NO.	ROOM NAME	AREA (SF)
101	VESTIBULE	231 SF
102	COMMONS	Option Conflict
103	UTILITY	97 SF
104	LAUNDRY	113 SF
105	VESTIBULE	72 SF
106	WOMENS LOCKER ROOM	334 SF
107	RESTROOM/SHOWER	201 SF
108	RESTROOM/SHOWER	204 SF
109	VESTIBULE	67 SF
110	MENS LOCKER ROOM	334 SF
111	OFFICE	105 SF
112	OFFICE	Option Conflict
113	COMMONS	Option Conflict
114	TEAM ROOM	446 SF



1 OFFICE ALTERNATE

SCALE: 1/8" = 1'-0"



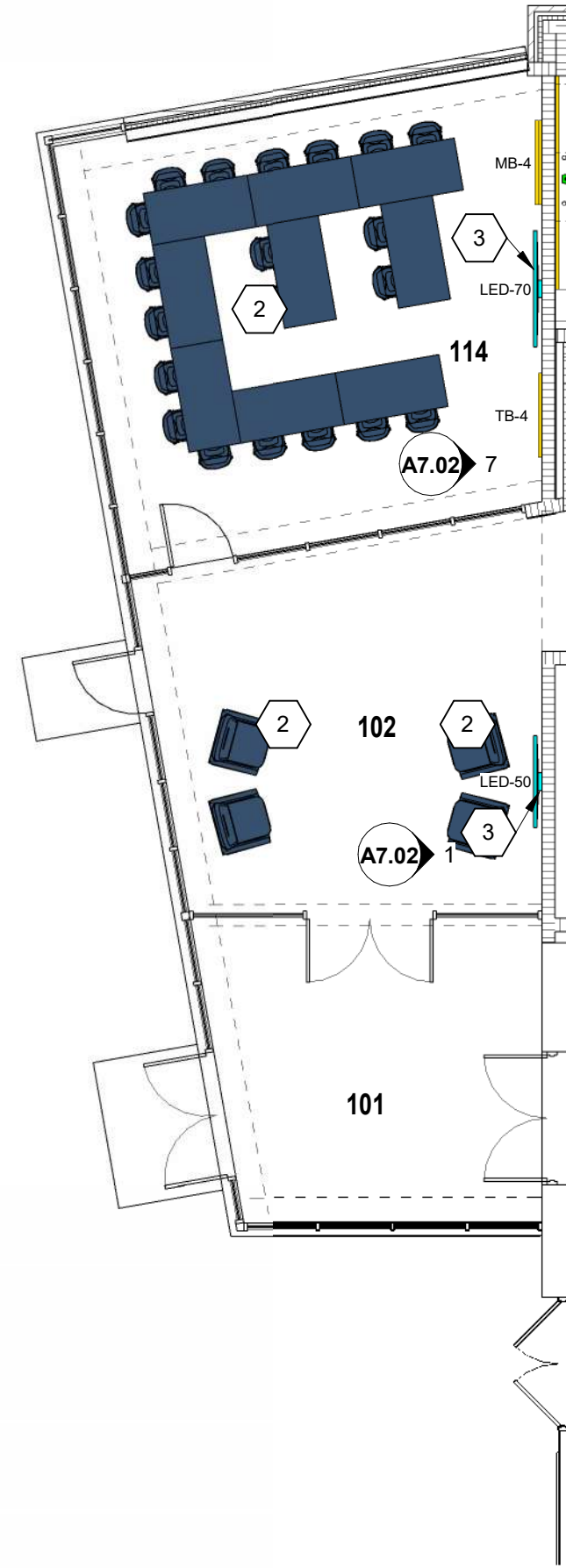
2 OFFICE ALTERNATE

SCALE: 1/8" = 1'-0"



FIRST FLOOR EQUIPMENT PLAN

1/8" = 1'-0"



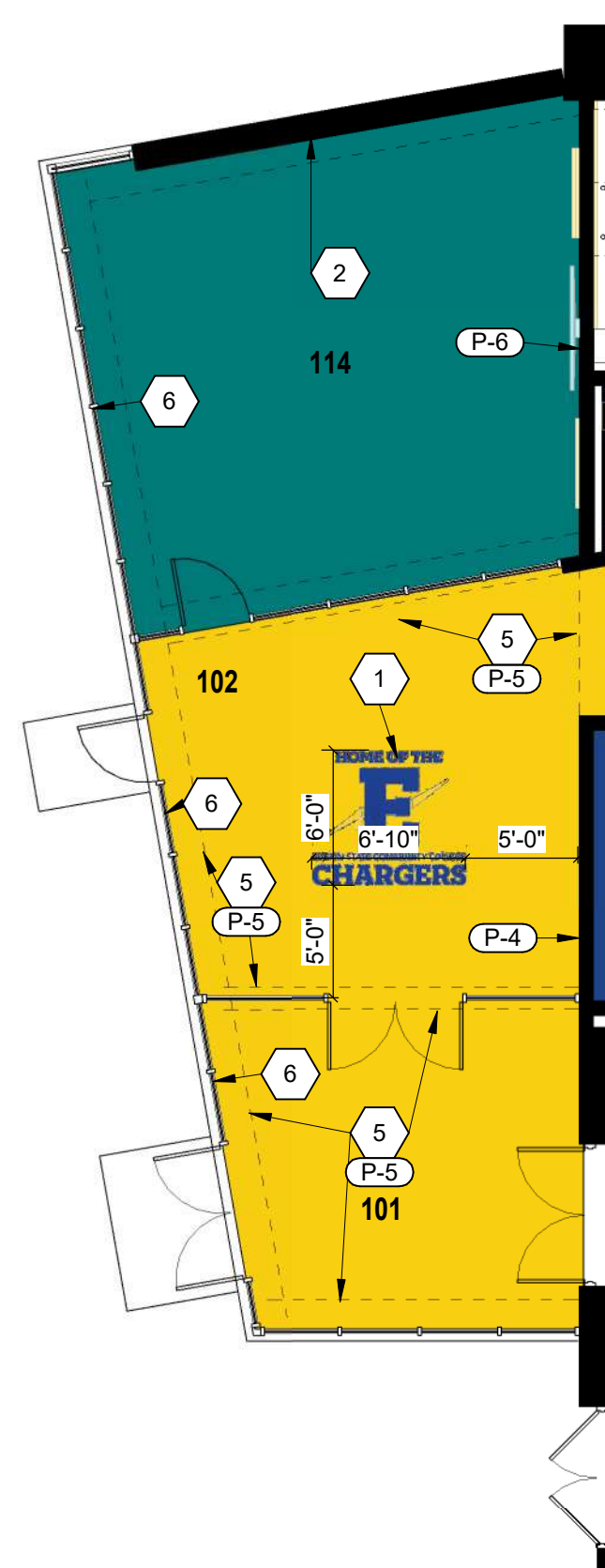
FIRST FLOOR EQUIPMENT PLAN TEAM ROOM ALTERNATE

1/8" = 1'-0"



FIRST FLOOR FINISH PLAN

1/8" = 1'-0"



FIRST FLOOR FINISH PLAN TEAM ROOM ALTERNATE

1/8" = 1'-0"

EQUIPMENT GENERAL NOTES

- A. REFER TO CASEWORK ELEVATIONS FOR ADDITIONAL INFORMATION.
- B. ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPASHES AND ENDSPLASHES U.N.D.
- C. DASHED LINES (---) INDICATE OVERHEAD ITEMS.
- D. (TB) INDICATES 4" HIGH TACK BOARD LENGTH AS INDICATED. REFER TO CASEWORK ELEVATIONS.
- E. (MB) INDICATES 4" HIGH MARKER BOARD LENGTH AS INDICATED. REFER TO CASEWORK ELEVATIONS.
- F. PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND COUNTERTOP TO FACE OF WALL OR ADJACENT TALL CABINET. ALL CASEWORK DOORS AND DRAWERS SHALL BE LOCKABLE.
- G. LOCKABLE.
- H. ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE FINISHED.
- I. CASEWORK INSTALLER SHALL CUT CASEWORK AS REQUIRED FOR PLUMB/ELEC. LINES.
- J. CASEWORK INSTALLER SHALL CAULK BETWEEN COUNTERTOPS, BACKSPASHES, AND WALLS.
- K. ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF. U.N.D.
- L. REFER TO RESTROOM ENLARGED PLANS FOR EQUIPMENT AND DETAILS OF SPACES.
- M. (TMS) INDICATES TACKABLE WALL SURFACE. REFER TO CASEWORK ELEVATIONS AND INTERIOR ELEVATIONS FOR ADDITIONAL INFO.
- N. REFER TO LIST OF FINISHES & CASEWORK ELEVATIONS FOR FINISH/COLOR SELECTIONS FOR ALL ITEMS.

INDICATES LOCKER TYPE. REFER TO LOCKER TYPE SCHEDULE ON A7.00A. (X) NUMBER BELOW PLAN NOTE INDICATES TOTAL QUANTITY OF LOCKER TYPE. REFER TO A7.00A AND PROJECT MANUAL. (L) INDICATES ADA LOCKER. REFER TO LOCKER TYPE SCHEDULE ON A7.00A.

EQUIPMENT LEGEND

COLOR	PROJECT REQUIREMENTS & DESIGNATIONS
Green	OWNER PROVIDED / OWNER INSTALLED
Red	OWNER PROVIDED / CONTRACTOR INSTALLED
Cyan	CONTRACTOR PROVIDED / CONTRACTOR INSTALLED
Yellow	VISUAL DISPLAY SURFACES CONTRACTOR PROVIDED / CONTRACTOR INSTALLED
Orange	LOCKERS CONTRACTOR PROVIDED / CONTRACTOR INSTALLED
Blue	FFE/LOOSE FURNISHINGS CONTRACTOR PROVIDED / CONTRACTOR INSTALLED

CASEWORK LEGEND

XX-XXX	CABINET TYPE (REF. TO CASEWORK SCHEDULE)
000x0000	WIDTH (IN.) x HEIGHT (IN.) x DEPTH (IN.)
---	CABINET TYPE
---	CABINET WIDTH (IN.)
---	CABINET HEIGHT (IN.)
KS3030	

EQUIPMENT NOTES

- 1. CASEWORK. REFER TO CASEWORK ELEVATIONS, CASEWORK SCHEDULE & PROJECT MANUAL.
- 2. LOOSE FURNISHINGS. CONTRACTOR PROVIDED/CONTRACTOR INSTALLED.
- 3. LED MONITOR. SIZE AS INDICATED. REFER TO CASEWORK/INTERIOR ELEVATIONS & ELEC/TECH. DWGS.
- 4. SOAP DISPENSER. OWNER PROVIDED/CONTRACTOR INSTALLED.
- 5. TOWEL DISPENSER. OWNER PROVIDED/CONTRACTOR INSTALLED.
- 6. LOCKER FILLER. REFER TO PROJECT MANUAL.
- 7. UNIFORM STORAGE SHELF. REFER TO A7.02 AND PROJECT MANUAL FOR ADDITIONAL INFORMATION.

FINISH GENERAL NOTES

- A. REFER TO LIST OF FINISHES ON DRAWINGS SHEETS A 7.00A FOR ADDITIONAL INFORMATION.
- B. REFER TO DRAWING SHEET A7.00A FOR TYPICAL FLOOR TRANSITION DETAILS.
- C. (P-X) INDICATES PAINT COLOR SELECTION FOR THE ENTIRE PLANE OF THE WALL OR SURFACE INDICATED TO BE PAINTED. (ARROW POINTER DIRECTS CORNER TO CORNER OR ENTIRE PLANE AS INDICATED) REFER TO A7.00A AND PROJECT MANUAL FOR ADDITIONAL INFORMATION.
- D. (P-X) INDICATES PAINT COLOR SELECTION. REFER TO A7.00A FOR ADDITIONAL INFORMATION AND PROJECT MANUAL FOR USE OF INTERIOR PAINT TYPES AND LOCATIONS, INCLUDING HIGH PERFORMANCE COATINGS.

FLOOR PATTERN/FINISH KEY NOTES

- REFER TO SHEET A7.00A FOR GENERAL FINISH PLAN NOTES, LIST OF FINISHES, TYPICAL FLOOR TRANSITION DETAILS AND ADDITIONAL INFORMATION.
- 1. VINYL DECAL UNDER DECORATIVE RESINOUS TOP COAT. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.
- 2. VINYL APPLIED WALL GRAPHIC. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.
- 3. FLOOR BASE TO CEILING CWT-3. REFER TO SHEET A7.00A FOR ADDITIONAL INFORMATION.
- 4. FLOOR BASE TO CEILING CWT-1, CWT-2, AND CWT-3 PATTERN. REFER TO SHEET A7.00A FOR ADDITIONAL INFORMATION.
- 5. PAINT BULKHEAD ABOVE INDICATED WITH DASHED LINES IN ACCENT PAINT COLOR INDICATED. PAINT ACCENT COLOR ON ALL SIDES OF BULKHEAD.
- 6. FLOOR TO CEILING PERFORATED WINDOW GRAPHIC FILM. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.

FLOOR PATTERN LEGEND

REFER TO A7.00A AND PROJECT MANUAL FOR ADDITIONAL INFORMATION. ALL FLOOR PATTERNS/FINISHES BELOW MAY NOT BE INDICATED ON THIS SHEET.

DECORATIVE RESINOUS FLOORING

DRF-1	
-------	--

CARPET

CART-1	
--------	--

CURE & SEALED CONCRETE

CSC	
-----	--

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

CONVOCAION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE
COMMUNITY COLLEGE

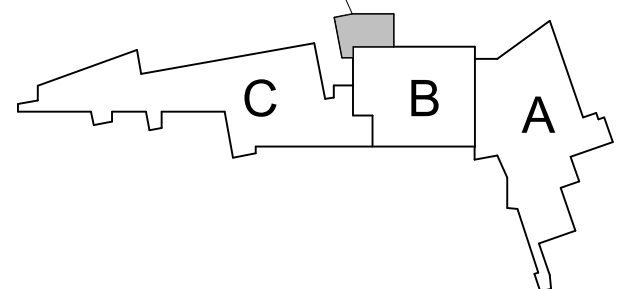


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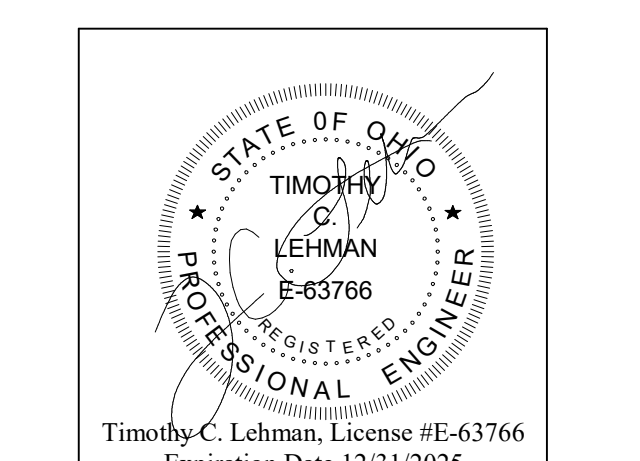
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ADDITION



KEY PLAN

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: RW
DRAWN BY: CH
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

FIRST FLOOR EQUIPMENT AND FINISH PLANS

A7.01

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

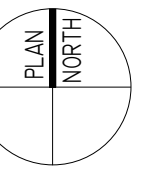
EDISON STATE
COMMUNITY COLLEGE



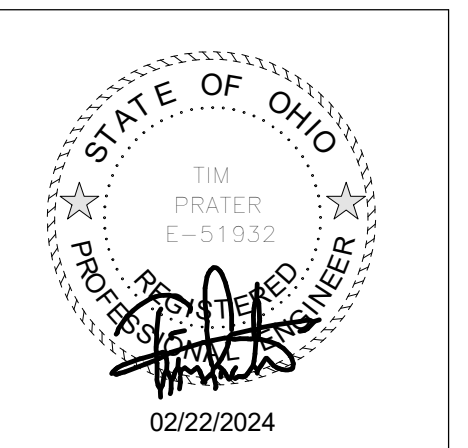
ARCHITECT

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CONSTRUCTION DOCUMENTS

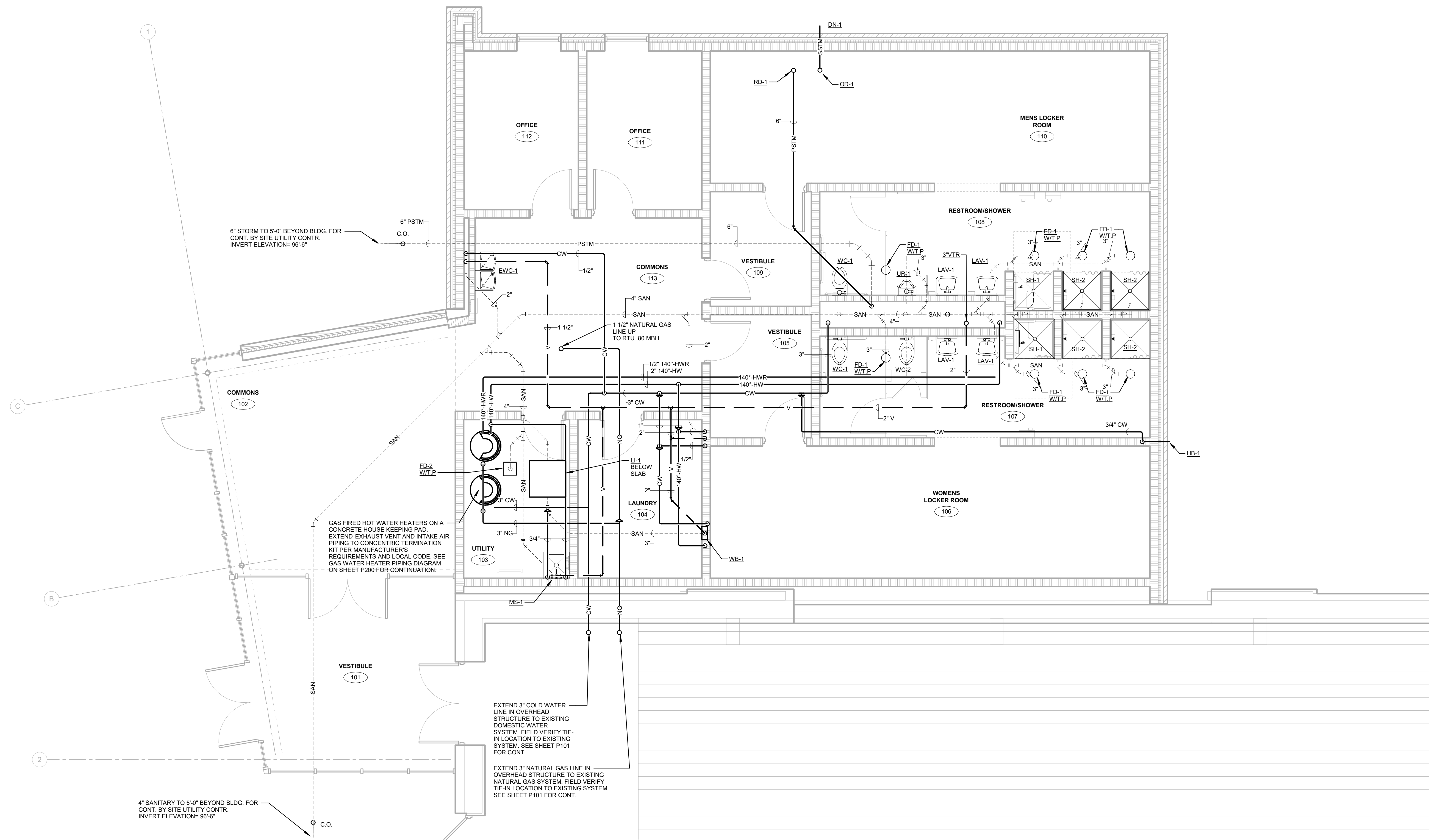


DRAWN BY: JAH
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

ENLARGED FIRST FLOOR PLUMBING PLAN

P100



ENLARGED FIRST FLOOR PLUMBING PLAN
SCALE: 1/4" = 1'-0"

PRATER ENGINEERING ASSOCIATES
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614) 766-8896 Fax: (614) 766-2354

DESIGNED BY KJD	DRAWN BY KJD	CHECKED BY CMA	JOB NO./AL 223193
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CONVOCATION CENTER EXPANSION

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PIQUA, OHIO 45653

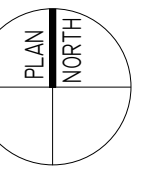
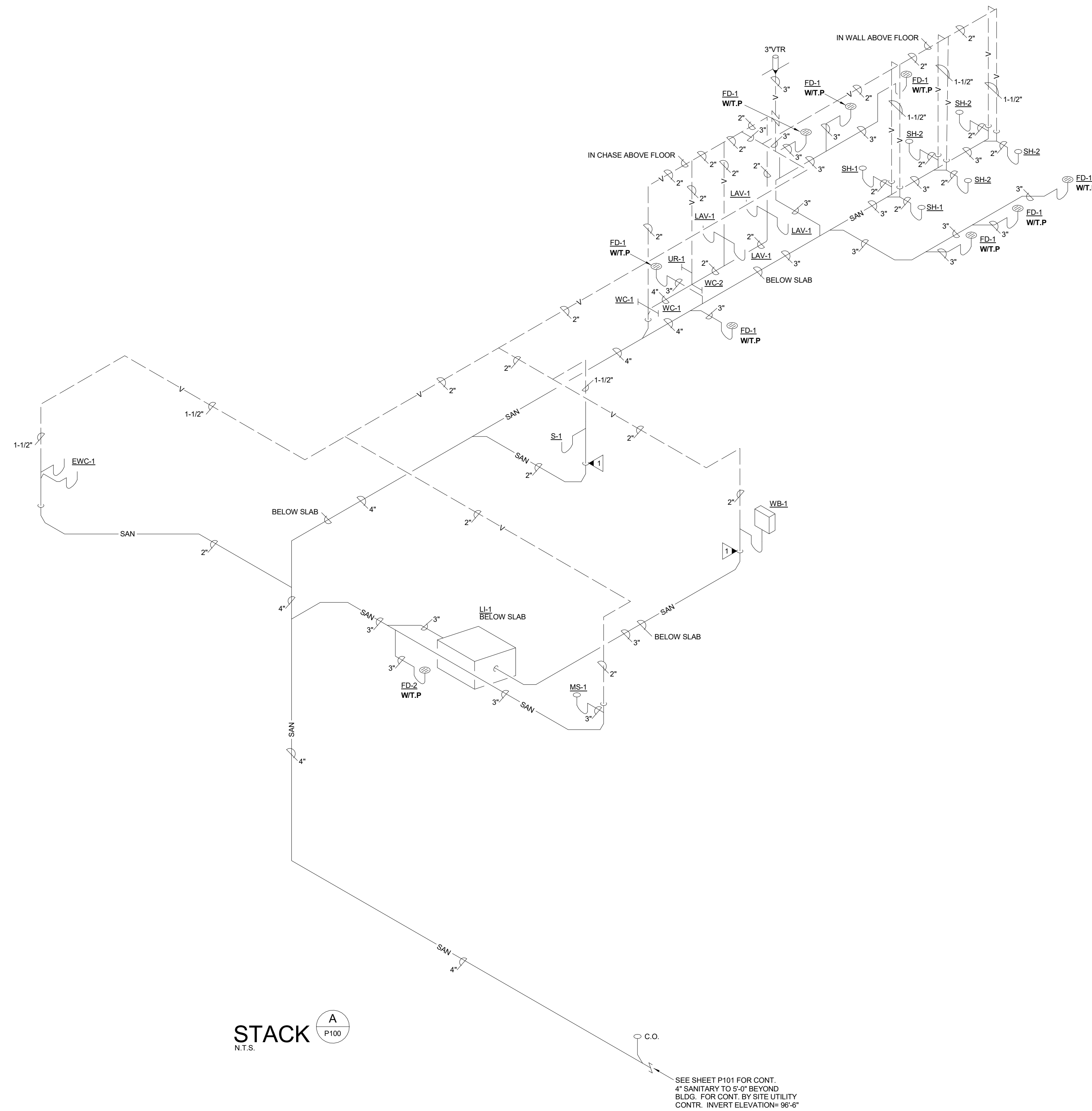
EDISON STATE
COMMUNITY COLLEGE



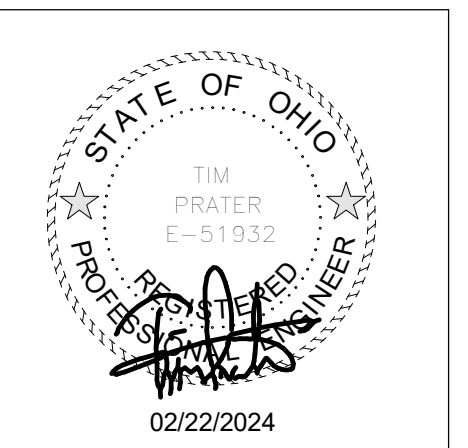
ARCHITECT



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CONSTRUCTION DOCUMENTS



DRAWN BY: Author
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

PRATER ENGINEERING ASSOCIATES
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614) 766-4896 Fax: (614) 766-2354

DESIGNED BY KJD	DRAWN BY KJD	CHECKED BY CMA	JOB NO./ 2335
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PLUMBING ISOMETRICS P300

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

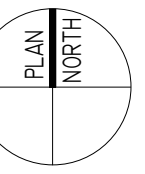
EDISON STATE
COMMUNITY COLLEGE



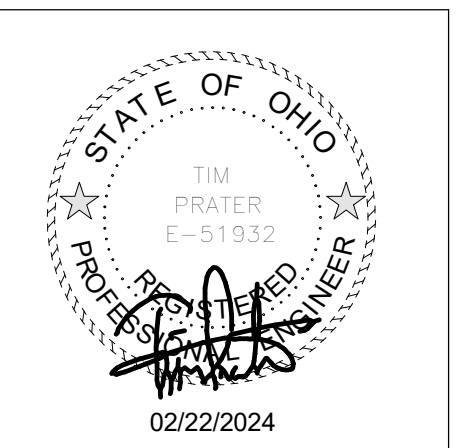
ARCHITECT

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CONSTRUCTION DOCUMENTS

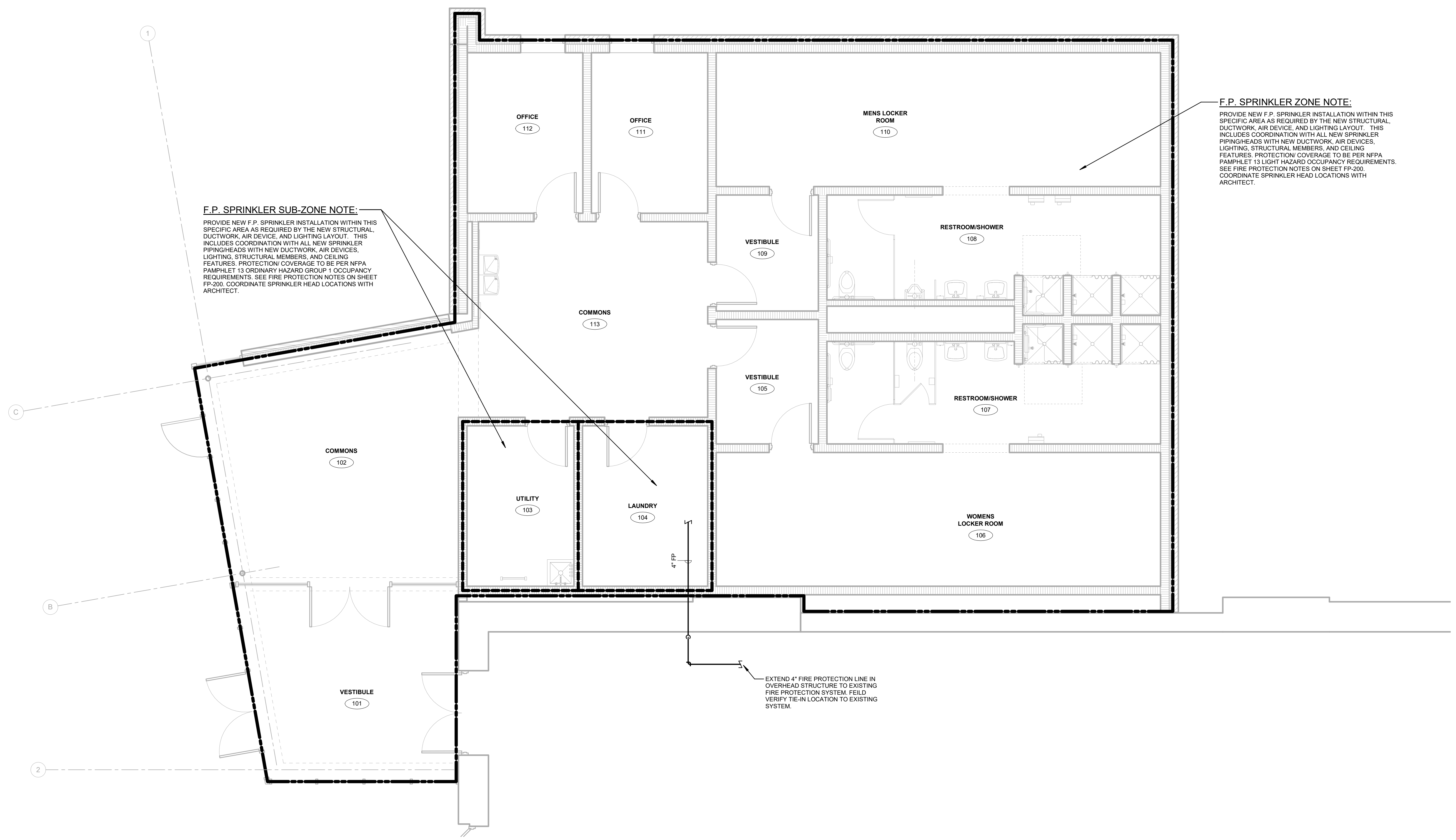


DRAWN BY: JAH
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

FIRST FLOOR FIRE PROTECTION PLAN

FP100



FIRST FLOOR FIRE PROTECTION PLAN
SCALE: 1/4" = 1'-0"

THIS DRAWING IS NOT BEING SUBMITTED FOR PLAN APPROVAL PURPOSES

THIS PLAN IS PREPARED TO ASSIST FIRE PROTECTION (SUB)CONTRACTORS IN SUBMITTING A BID. SUCCESSFUL LICENSED FIRE PROTECTION (SUB)CONTRACTOR SHALL PREPARE DETAILED CONSTRUCTION DRAWINGS, PERFORM DETAIL HYDRAULIC FLOW CALCULATIONS, PAY FOR PLAN APPROVAL FEES, OBTAIN PERMIT, AND SUBMIT DOCUMENTS TO AUTHORITY(IES) HAVING JURISDICTION FOR REVIEW AND APPROVAL.

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DESIGNED BY	DRAWN BY	CHECKED BY	JOB NO./AL
			23355

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ELECTRICAL ABBREVIATIONS

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

#	NUMBER
NP(N)/NW	NUMBER OF POLES, NUMBER OF WIRES
ACU	AIR CONDITIONING UNIT
AF	AMP FRAME
AFS	ABOVE FINISHED COUNTERTOP
AFG	ABOVE FINISHED FLOOR
AHU1	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AI	ADDRESSABLE INTERFACE DEVICE
AS	AS REQUIRED
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
AV	AUDIO VISUAL
B	BLANK
BPS	BOLT-DUPRESSURE CONTACT SWITCH
C	CONDUIT (GENERIC TERM FOR RACEWAY, PROVIDE AS SPECIFIED)
CG	CEILING MOUNTED
CL	CAMERA
COL	LIGHTING CONTACTOR
COM	COLUMN
CMF	COMBINATION MOTOR FUSIBLE STARTER
CUR	CABINET UNIT HEATER
D	DEMO TABLE
DC	DIRECT CURRENT
DD	DEDICATED DEVICE ON INDIVIDUAL BRANCH CIRCUIT
DF	DUAL FACE
DIA	DIAMETER
DISTR	DISTRIBUTION
DPST	DOUBLE POLE SINGLE THROW
DPST	DOUBLE POLE DOUBLE THROW
DT	DUST-TIGHT
EBJ	EQUIPMENT BONDING JUMPER ON LOAD SIDE OF AN OVER-CURRENT DEVICE
EC	ELECTRICAL CONTRACTOR
EM	WIRED ON EMERGENCY CIRCUIT
EW	END OF LINE
ETS	EXISTING TO REMAIN
EOL	ELECTRIC WATER COOLER
EX	EXISTING
F	FLUSH
FB	FLUSH AT
FBO	FIRE ALARM
FCS	FURNISHED BY OTHERS
FCU	FAN COIL
FDN	FOUNDATION
FPM	FAN POWERED BOX
FR	FIBERGLASS REINFORCED EPOXY CONDUIT FLOW SWITCH
H-O-A	HAND-OFF-AUTO
HTP	HEAT PUMP
KEC	KITCHEN EQUIPMENT CONTRACTOR
KIO	KNOCK-OUT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
LFC	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT
LSG	LIMIT SWITCH
LST	LONG TIME, SHORT TIME, INSTANTANEOUS AND GROUND FAULT TRIP ADJUSTMENTS TO BE PROVIDED ON A CIRCUIT BREAKER
LV	LOW VOLTAGE
MAV	MASTER ANTENNA TV
MBJ	MAIN BONDING JUMPER
MCR	MAIN CROSS-CONNECT EQUIPMENT ROOM
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCD	MAIN DISTRIBUTION PANEL
MH	MANHOLE (ON SITE PLAN)
MH	MOUNTING HEIGHT (ON PLAN), ALL MOUNTING HEIGHTS FOR DEVICES BOXES ARE FROM FINISHED FLOOR TO BOTTOM OF BOX, UNO, VERIFY OUTLET LOCATIONS WITH OTHER TRADES BEFORE
MLO	MAIN LUGS ONLY
MOD	MODERATED DISCONNECT SWITCH
MCP	MAXIMUM OVER-CURRENT PROTECTION
MSP	MAIN SWITCHBOARD
MTC	MOTOR CONTROL CENTER
MTD	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MV	MEDIUM VOLTAGE
MZU	MULTI-ZONE HVAC UNIT
N	GROUNDING CONDUCTOR (NEUTRAL)
N	INDICATES MOUNTING HEIGHT (N) TO BOTTOM OF DEVICE FROM FINISH FLOOR, UNO
N/A	NOT APPLICABLE
NFS	NORMALLY CLOSED
NFI	NONFUSIBLE SWITCH
NC	NOT IN CONTACT
NL	NIGHT LIGHT
NM	NONMETALLIC SHEATHED CABLE
NLO	NORMALLY OPEN
NRTL	NATIONALLY RECOGNIZED TESTING LAB
NT	NOT TO SCALE
OC	ON CENTER
OCPO	OVER-CURRENT PROTECTIVE DEVICE
PA	PUBLIC ADDRESS SYSTEM
PB	PULL BOX
PE	PRELUMINAIRE ELECTRIC
PH	PROPELLER HEATER
PV	POST INDICATING VALVE
PR	PROPELLER UNIT HEATER
R	RELEASE
RAF	RETURN AIR FAN
RT	RAN TIGHT
RVS	REDUCE VOLTAGE STARTER
S	SURFACE
SBJ	SYSTEM BONDING JUMPER
SIG	SIGNAL
SN	SOLID NEUTRAL
SP	SPARE
SPL	SPRICE
SPST	SINGLE POLE DOUBLE THROW
SPST	SINGLE POLE SINGLE THROW
SS	STAINLESS STEEL
SSJ	SUPPLY BONDING JUMPER
ST	SHUNT TRIP
STP	SHIELDED TWISTED PAIR
SST	CARBON STEEL
SUSP	SUSPENDED
SW	SWITCH
SWBD	SWITCHBOARD
TC	TELEPHONE CABINET
TCF	TEMPERATURE CONTROL PANEL
TEL DATA	TELEPHONE DATA
TEL	TELEPHONE
TERM	TERMINALS
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMBG	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TIB	TELEPHONE TERMINATION BOARD
UF	UTILITY EXHAUST FAN
UNO	UNDERGROUND UNLESS NOTED OTHERWISE
UV	UNIT VENTILATOR
VG	VANDAL GUARD
VF	VERIFY IN FIELD
VT	VAPOR-TIGHT
WT	WIRE GUARD
WTH	WATTHOUR
WM	WALL MOUNTED
WP	WEATHERPROOF
WT	WATER-TIGHT

POWER SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT TO BOTTOM
---	CONDUIT CONCEALED ABOVE CEILING OR IN WALL	
----	CONDUIT CONCEALED IN OR BELOW FLOOR, OR UNDER GROUND	
1AL-1-1	20 AMP, 125 VOLT, NEMA 5-20R DUPLEX RECEPTACLE WITH COMMON COVER PLATE MOUNTED VERTICALLY 16" TO BOTTOM LETTER(S) IN FRONT INDICATES LOAD TYPE. SEE BELOW. SINGLE LINE INDICATES HORIZONTAL MOUNTING, DOUBLE LINE INDICATE QUAD. DARK CENTER INDICATES ABOVE COUNTERTOP MOUNTING (44") NEMA 5-20R, UNO, CIRCUIT NUMBER (e.g. "1AL-1-1") ADJACENT TO THE SYMBOL ON PLANS INDICATES PANELBOARD/CIRCUIT NUMBER SERVING RECEPTACLE, UNO	
1AL-1-1	RECEPTACLE WITH 20 AMP SINGLE POLE SWITCH IN 2 GANG BOX AND COMMON COVER PLATE	
C	CASEWORK, COORDINATE WITH ARCHITECTURAL	
CO	COPY MACHINE	
CM	COFFEE MAKER	
E	RED RECEPTACLE AND STAINLESS COVER PLATE, CONNECT TO BACKUP POWER	
GF	GROUND FAULT CIRCUIT INTERRUPTING TYPE	
I	ISOLATED GROUND	
M	MONITOR, - 60" AFF	
MW	MICROWAVE	
R	REFRIGERATOR - 48" AFF	
TL	TWIST LOCK	
TR	TAMPER RESISTANT	
U	DUPLEX RECEPTACLE WITH (2) USB PORTS	
UR	UNDER COUNTER REFRIGERATOR	
V	VENDING MACHINE, FEED FROM 30 mA GFCI BREAKER IN PANELBOARD	
VP	WALL MOUNTED VIDEO PROJECTOR, 90" AFF UNO	
WB	WHITEBOARD	
WC	ELECTRIC WATER COOLER, FEED FROM 5 mA GFCI BREAKER IN PANELBOARD	
WF	WASH/FOUNTAIN/LAVATORY, CONNECT TO NEAREST THROUGH FEED GFCI RECEPTACLE	
WM	WASHING MACHINE, FEED FROM 30 mA GFCI BREAKER IN PANELBOARD	
WP	WEATHER RESISTANT GFCI WITH IN-USE TYPE WEATHERPROOF COVER HINGED AT TOP	
X	EXPLOSION PROOF	
20	20 AMP SINGLE RECEPTACLE, NEMA 5-20R	16"
30	SINGLE STRAIGHT BLADE RECEPTACLE, 30A, 120 VOLT, NEMA 5-30R	16"
15	15 AMP SINGLE RECEPTACLE, SEMI-RECESSED WALL MOUNTED WITH CLOCK HANGER, NEMA 5-15R	76"
20	20 AMP DUPLEX RECEPTACLE FLUSH CEILING MOUNTED, NEMA 5-20R	CLG
H	SINGLE FLUSH BOX WITH FOUR USB CHARGING PORTS, WITH DECORA STYLE COVER PLATE, MOUNTED ABOVE COUNTERTOP HEIGHT, UNO	44"
SP	SPECIAL POWER RECEPTACLE, AMPS, VOLTS AND NEMA CONFIGURATION AS DEFINED ON PLANS BY CODED NOTE	16"
20A	SINGLE STRAIGHT BLADE, SPECIAL RECEPTACLE, 20A, 125/250 VOLT, 3P, 4W, NEMA 14-20R	16"
W	SINGLE STRAIGHT BLADE, WELDING RECEPTACLE, 60A, 250 VOLT, 3P, 3W, NEMA 15-60R	44"
R	SINGLE STRAIGHT BLADE, RANGE RECEPTACLE, 50A, 125/250 VOLT, 3P, 4W, NEMA 14-50R	8"
D	SINGLE STRAIGHT BLADE, GROUNDED DRYER RECEPTACLE, 30A, 125/250 VOLT, 3P, 4W, NEMA 14-30R	32"
T	30 AMP, 120 VOLT, SINGLE TWIST LOCK RECEPTACLE, UNO, NEMA L5-30R	16"
F	20 AMP DUPLEX RECEPTACLE IN FLUSH FLOOR MOUNTED BOX NEMA 5-20R. USE A CAST BOX AT GRADE LEVEL, USE A STAMPED STEEL BOX FOR UPPER FLOORS. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
T	20 AMP DUPLEX RECEPTACLE IN FIRE RATED POKE-THRU FLOOR DEVICE, NEMA 5-20R. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
D	20 AMP DUPLEX RECEPTACLE IN PEDESTAL MOUNTED ABOVE FLOOR SERVICE FITTING, NEMA 5-20R. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
H	HIGH CAPACITY FLOOR BOX WITH 4 DUPLEX RECEPTACLES, NEMA 5-20R, UNO FOR POWER AND DATA. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
S	COMMUNICATIONS/POWER POLE PRE-WIRED WITH 2 DUPLEX RECEPTACLES, WITH TWO 1/2" BOX ABOVE CEILING. REFER TO SPECIFICATIONS FOR REQUIREMENTS.	-
20	TWO 20 AMP DUPLEX RECEPTACLES IN BOX WITH COVER PLATE, PENDANT MOUNTED WITH 3/16" SIC CORE AND STRAIN RELIEF GRIPS	84"
2	2 CHANNEL MULTIOUITLET SURFACE RACEWAY ASSEMBLY WITH DUPLEX RECEPTACLES AND DATA OUTLETS. SEE TECHNOLOGY DRAWINGS. QUANTITY AS SHOWN OR PER SPEC.	-
1	SINGLE CHANNEL MULTIOUITLET SURFACE RACEWAY PRE-WIRED ASSEMBLY WITH SINGLE RECEPTACLES. QUANTITY PER SPEC.	-

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION	MH	LEGEND NOTE
AID	ADDRESSABLE INTERFACE DEVICE	-	
H	HEAT DETECTOR, 160 DEGREES F FIXED TEMPERATURE (UNO), CEILING MOUNTED	CLG	
SG D	ROUND INDICATES CEILING MOUNTED, SQUARE INDICATES DUCT MOUNTED, PHOTOELECTRIC SMOKE DETECTOR		
FAA	FIRE ALARM ANNUNCIATION PANEL	56"	
FAPS	FIRE ALARM POWER SUPPLY	-	
FAP	FIRE ALARM CONTROL PANEL	-	S
V V	AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE (HORN/STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	T
V V	VOICE/ALARM COMMUNICATION AUDIBLE AND VISIBLE NOTIFICATION DEVICE (SPEAKER/STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	T
L L	VOICE/ALARM COMMUNICATIONS LOUDSPEAKER, CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	
F	MANUAL FIRE ALARM PULL STATION, AND AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE ABOVE (HORN/STROBE), WALL MOUNTED	44"/80"	T
F	MANUAL FIRE ALARM PULL STATION, WALL MOUNTED	44"	
V S	VOICE/ALARM COMMUNICATIONS HORN TYPE LOUDSPEAKER, CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG	
T	SMOKE DETECTOR BEAM TRANSMITTER	-	
R	SMOKE DETECTOR BEAM RECEIVER	-	
SD	SMOKE DAMPER ACTUATOR AND ASSOCIATED SMOKE DETECTOR, TYPE PER PLANS	-	
FS	WATER FLOW SWITCH CONNECTION	-	D
SV	SUPERVISORY VALVE TAMPER SWITCH CONNECTION	-	D
PH	SURFACE FIRE ALARM MAGNETIC DOOR HOLDER	6" BELOW TOP OF DOOR	
SH	SURFACE SECURITY ALARM MAGNETIC DOOR HOLDER	6" BELOW TOP OF DOOR	
S	ELECTRONIC RELEASE DOOR CLOSER	-	
B	FIRE ALARM BELL, WALL MOUNTED, WEATHERPROOF WHERE EXTERIOR MOUNTED	96"	
WH	MICRO SWITCH IN KITCHEN HOOD FOR FIRE SUPPRESSION SYSTEM. SUPPLIED BY OTHERS, WIRED BY EC.	HOOD	
PV	POST INDICATOR VALVE TAMPER SWITCH	-	

POWER SYMBOLS

SYMBOL	DESCRIPTION	MH
□	DISTRIBUTION PANEL, SEE ONE LINE DIAGRAM	-
□	SURFACE CIRCUIT BREAKER PANELBOARD, SEE ONE LINE DIAGRAM	-
□	FLUSH MOUNTED CIRCUIT BREAKER PANELBOARD, SEE ONE LINE DIAGRAM	-
M	UTILITY METER	-
+	PUSH BUTTON STATION, TYPE INDICATED	44"
+	PUSH BUTTON STATION, ON/OFF	44"
+	PUSH BUTTON STATION, UP/DOWN/STOP	44"
+	RECESSED ADA PUSH BUTTON FOR AUTOMATIC DOOR OPERATOR, FURNISHED BY OTHERS, INSTALLED BY DIV. 28	44"
+	RECESSED ADA DOUBLE PUSH BUTTON FOR DUAL AUTOMATIC DOOR OPERATORS, FURNISHED BY OTHERS, INSTALLED BY DIV. 28	44"
+	RED MUSHROOM ABORT SWITCH, WALL MOUNTED	44"
PC	PHOTOCELL AIMED NORTH	-
◇	RECESSED WALL BOX FOR HAIR DRYER, CIRCUIT WITH #10G IN 3/4" C TO PANEL INDICATED	-
◇	RECESSED WALL BOX FOR HAND DRYER, CIRCUIT WITH #10G IN 3/4" C TO PANEL INDICATED	-
B	CIRCUIT BREAKER DISCONNECT SWITCH, 30A, 3 POLE, UNO	48"
□	NON-FUSED DISCONNECT, 3 POLE, NEMA 1, UNO, 30 AMP UNO, JWP SUFFIX DESIGNATES NEMA 3R ENCLOSURE, JWPX SUFFIX DESIGNATES NEMA 4X STAINLESS STEEL ENCLOSURE.	48"
F	FUSED DISCONNECT, 3 POLE, NEMA 1, UNO, 30 AMP UNO, JWP SUFFIX DESIGNATES NEMA 3R ENCLOSURE, JWPX SUFFIX DESIGNATES NEMA 4X STAINLESS STEEL ENCLOSURE.	48"
100A-3P	MAGNETIC STARTER, 30 AMP, 3 POLE, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
+	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP, 3 POLE CIRCUIT BREAKER DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
+	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP, 3 POLE MOTOR CIRCUIT PROTECTOR (MCP) DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
+	COMBINATION MAGNETIC MOTOR STARTER, WITH 30 AMP, 3 POLE FUSED DISCONNECT SWITCH, NEMA SIZE 1, UNO WITH H.O.A. SWITCH AND RED PILOT LIGHT (RUNNING).	48"
MP	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION AND PILOT LIGHT, UNO, FLUSH MOUNTED IN FINISH SPACES.	44"
M	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION, UNO, FLUSH MOUNTED IN FINISH SPACES.	44"
F	MANUAL MOTOR STARTER, NO OVERLOADS, FLUSH MOUNTED IN FINISH SPACES.	44"
T	SPRING WOUND TIMER, HP RATED	44"
C	CONTROL SWITCH FOR DEVICES SUCH AS MOTORIZED SHADES, SOLAR LIGHT TUBES, PROJECTION SCREENS, ETC. FURNISHED BY OTHERS, INSTALLED FLUSH MOUNTED WITH COVER PLATE AND WIRED BY DIV. 28	44"
C	ELECTRICALLY HELD CONTACTOR WITH H-O-A SWITCH, 30A, 3P, UNO. REFER TO SPECIFICATION FOR REQUIREMENTS.	48"
C	COMBINATION ELECTRICALLY HELD CONTACTOR, WITH H-O-A SWITCH AND 30 AMP, 3P CIRCUIT BREAKER DISCONNECT SWITCH, UNO. REFER TO SPECIFICATION FOR REQUIREMENTS.	48"
TC	DIGITAL TIME CLOCK SWITCH	60"
VFC	VARIABLE FREQUENCY CONTROLLER, FURNISHED BY DIV. 23 CONTRACTOR, INSTALLED BY DIV. 28 CONTRACTOR, UNO, COORDINATE FINAL MOUNTING HEIGHT.	60"
ATS	AUTOMATIC TRANSFER SWITCH, REFER TO SINGLE LINE DIAGRAM, COORDINATE FINAL MOUNTING HEIGHT, REFER TO SPECIFICATIONS FOR REQUIREMENTS	60"
R	RELAY	-
A	AQUASTAT	-
SV	SOLENOID VALVE	-
T	THERMOSTAT	-
M	MOTOR	-
T	DRY TYPE TRANSFORMER	-
SPD	SURGE PROTECTIVE DEVICE. REFER TO SPECIFICATION FOR REQUIREMENTS.	-
GAP	GENERATOR ANNUNCIATION PANEL	56"
P	UTILITY POLE	-
J	JUNCTION BOX, PIGTAIL INDICATED FLEXIBLE CONDUIT CONNECTION TO EQUIPMENT	-
+	CEILING PADDLE FAN WITH JUNCTION BOX SECURELY MOUNTED TO STRUCTURE	CLG
RAP	REFRIGERANT DETECTION AND ALARM, REFRIGERANT MONITOR CONTROL PANEL	56"
R	REFRIGERANT DETECTION AND ALARM, SENSOR	-
V	REFRIGERANT DETECTION AND ALARM, NOTIFICATION APPLIANCE	-
RBA	REFRIGERANT DETECTION AND ALARM, SELF CONTAINED BREATHING APPARATUS	56"
CP	CONTROL PANEL, SUPPLIED BY VENDOR, INSTALLED AND WIRED BY CONTRACTOR, COORDINATE FINAL MOUNTING HEIGHT	-
SC BD	ELECTRONIC SCOREBOARD, WALL MOUNTED, FURNISHED BY OTHERS INSTALLED BY DIV 28	-
SC	SHOT CLOCK, WALL MOUNTED, FURNISHED BY OTHERS INSTALLED BY DIV 28	-

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION	MH
◇	OCCUPANCY SENSOR - CEILING MOUNTED (UNO), HIGH BAY INFRARED, 360 DEGREE PATTERN, 36" DIA. COVERAGE PATTERN (MN.) AT 20" MOUNTING HEIGHT. PROVIDE WITH RELAY OPTION.	CLG
◇	OCCUPANCY SENSOR - CEILING MOUNTED, ULTRASONIC AND INFRARED SENSORS FOR CORRIDOR & HALLWAY APPLICATIONS, 56"10" (MIN.) RECTANGULAR SHAPED COVERAGE PATTERN. PROVIDE WITH RELAY OPTION. "1" PORTION OF SYMBOL INDICATES AMING OF ULTRASONIC SENSORS.	CLG
◇	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "1" PORTION OF SYMBOL INDICATES AMING OF ULTRASONIC SENSORS.	CLG
◇	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "1" PORTION OF SYMBOL INDICATES AMING OF ULTRASONIC SENSORS.	CLG
◇	OCCUPANCY SENSOR - CEILING MOUNTED, INFRARED, 360 DEGREE PATTERN, 1200 S.F. COVERAGE (MN.), PROVIDE WITH RELAY OPTION.	CLG
◇	OCCUPANCY SENSOR - CEILING MOUNTED, ULTRASONIC, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. "1" PORTION OF SYMBOL INDICATES AMING OF ULTRASONIC SENSORS.	CLG
◇	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, DIRECTIONAL/180 DEGREE PATTERN, 1200 S.F. COVERAGE (MN.). PROVIDE WITH RELAY OPTION. PROVIDE WITH CEILING MOUNTING BRACKET ACCESSORY IF NOT SUPPLIED AS STANDARD WITH SENSOR. "1" PORTION OF SYMBOL INDICATES AMING.	CLG
◇	OCCUPANCY SENSOR - WALL MOUNTED, INFRARED, 180 DEGREE PATTERN, 1200 S.F. COVERAGE (MN.), PROVIDE WITH RELAY OPTION.	96"
◇	OCCUPANCY SENSOR - WALL MOUNTED, INFRARED, 180 DEGREE PATTERN, 1200 S.F. COVERAGE (MN.), PROVIDE WITH RELAY OPTION.	96"
◇	OCCUPANCY SENSOR - WALL SWITCH TYPE, DUAL TECHNOLOGY WITH MANUAL OVERRIDE SWITCH	44"
◇	OCCUPANCY SENSOR - DUAL LEVEL WALL SWITCH TYPE, DUAL TECHNOLOGY WITH MANUAL OVERRIDE SWITCH	44"
◇	OCCUPANCY SENSOR - WALL SWITCH TYPE, INFRARED WITH MANUAL OVERRIDE SWITCH	44"
DS	DAYLIGHT SENSOR	CLG
+	KEY OPERATED SWITCH, NUMBER INDICATES NUMBER OF POLES, 27V, 20A, FLUSH UNO	44"
+	SWITCH, NUMBER INDICATES NUMBER OF POLES, 27V, 20A, FLUSH UNO	44"
+	MOMENTARY CONTACT SNAP KEYPED SINGLE POLE SWITCH, DOUBLE THROW, CENTER-OFF	44"
+	MOMENTARY CONTACT SNAP SINGLE POLE SWITCH, DOUBLE THROW, CENTER-OFF	44"
+	SINGLE POLE SWITCH, 27V, 20A, FLUSH UNO WITH LIGHTED HANDLE	44"
+	SINGLE POLE SWITCH, 27V, 20A, FLUSH UNO TYPICAL, SUBSCRIPT a, b, c INDICATES WHICH LUMINAIRE THAT WILL BE CONTROLLED VIA SWITCH LEG	44"
+	SINGLE POLE SWITCH, 27V, 20A, FLUSH UNO WITH PILOT LIGHT	44"
+	WALL BOX DIMMER 27V, 1200 WATT MINIMUM, FLUSH, UNO. PROVIDE WATTAGE SIZE TO EXCEED CIRCUIT LOAD	44"
LC	LIGHTING CONTACTOR, MECHANICALLY HELD, 30A - 3P WITH H-O-A SWITCH, UNO	48"
LC	COMBINATION LIGHTING CONTACTOR, MECHANICALLY HELD, WITH H-O-A SWITCH AND 30A - 3P CIRCUIT BREAKER, UNO	48"
LRP	LIGHTING RELAY PANEL	-
○	DOWNLIGHT LUMINAIRE, APPROXIMATE SIZE INDICATED	-
○	DOWNLIGHT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	-
○	WALL SCONCE LUMINAIRE	-
○	WALL MOUNTED EXIT SIGN, DIRECTIONAL ARROWS AS SHOWN	96"
○	CEILING MOUNTED EXIT SIGN, SHADED PORTION(S) INDICATES SINGLE OR DOUBLE FACE	CLG
○	ARM MOUNTED AREA LUMINAIRE	-
○	POLE TOP AREA LUMINAIRE	-
○	TRACK HEAD LUMINAIRE	-
+	EMERGENCY LIGHTING UNIT WITH 2 HEADS AND BATTERY	76"
+	WALL-BRACKET LUMINAIRE, APPROXIMATE SIZE INDICATED	-
+	WALL-BRACKET LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	-
+	RECESSED LUMINAIRE, APPROXIMATE SIZE INDICATED. ("NL" INDICATES NIGHT LIGHT FIXTURES)	CLG
+	RECESSED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
+	SURFACE OR PENDANT MOUNTED LUMINAIRE, APPROXIMATE SIZE INDICATED	CLG
+	SURFACE OR PENDANT MOUNTED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
○	PENDANT LUMINAIRE, APPROXIMATE SIZE INDICATED	CLG
○	PENDANT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG
○	AMBABLE LUMINAIRE, CARROT INDICATING DIRECTION OF AIMING	-

ELECTRICAL GENERAL NOTES

- THE TERM "PROVIDE" INDICATES CONTRACTOR SHALL FURNISH AND INSTALL ITEMS AND COMPONENTS AS REQUIRED TO OBTAIN A COMPLETE AND OPERABLE SYSTEM.
- COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL PLANS, CASEWORK, WINDOWS, WALL FINISHES, EQUIPMENT AND OTHER TRADES PRIOR TO ROUGH IN. DEVICES ARE INTENDED TO BE ACCESSIBLE. DO NOT INSTALL BEHIND CASEWORK, DOORS OR EQUI

ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)

TECHNOLOGY PLAN NOTES

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE COMMUNITY COLLEGE

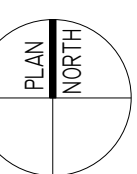
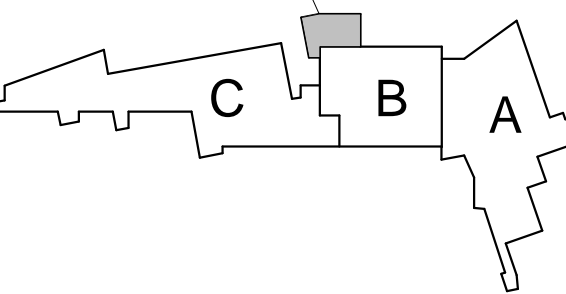


ARCHITECT



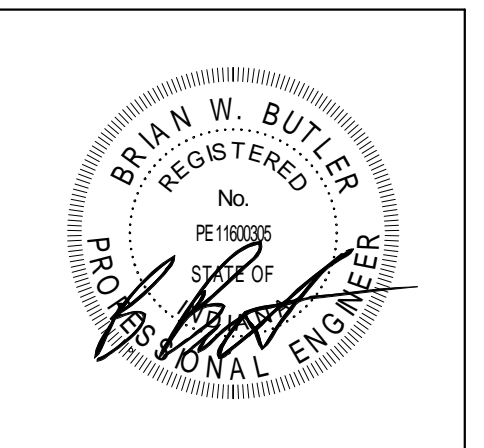
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ADDITION



KEY PLAN

CONSTRUCTION DEVELOPMENT



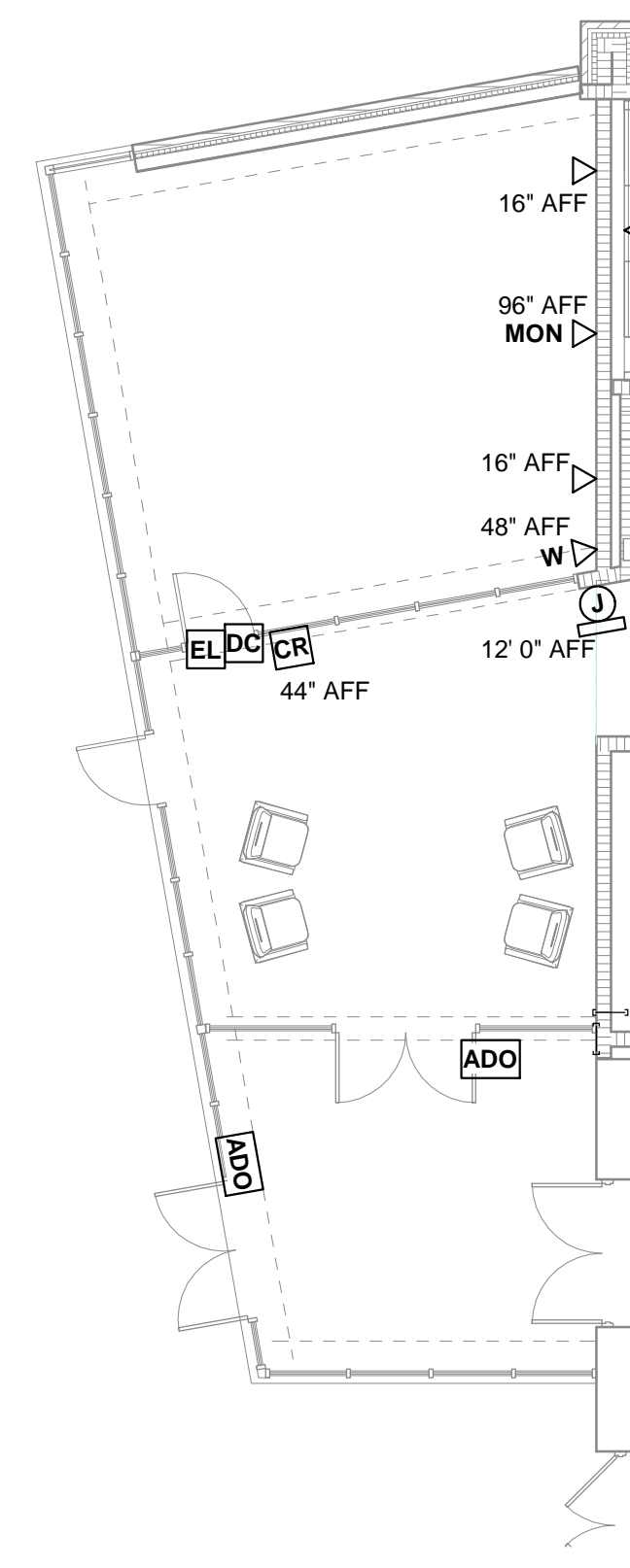
PROJECT MANAGER: MM
DRAWN BY: CDT
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2.22.2024

REV. NO.	DESCRIPTION	DATE

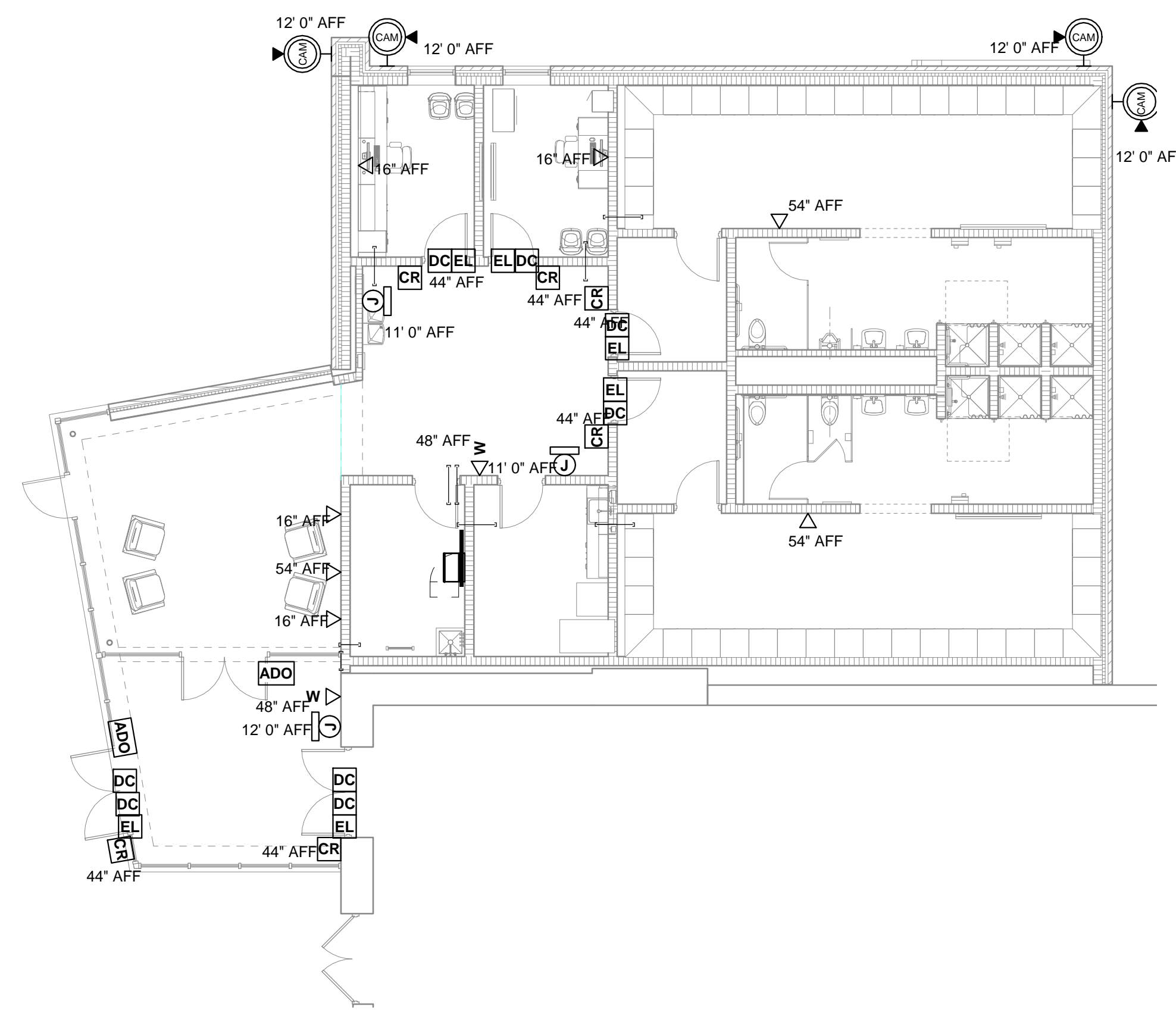
GENERAL NOTE:
ELECTRICAL RECEPTACLES SHOWN ON THE TECHNOLOGY ROUGH-IN DRAWINGS ARE FOR COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL POWER DRAWINGS FOR RECEPTACLE ROUGH-IN REQUIREMENTS.

FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN

E3.01



FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN ALTERNATE
SCALE: 1/8" = 1'-0"



FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN
SCALE: 1/8" = 1'-0"

CONVOCAATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE
COMMUNITY COLLEGE

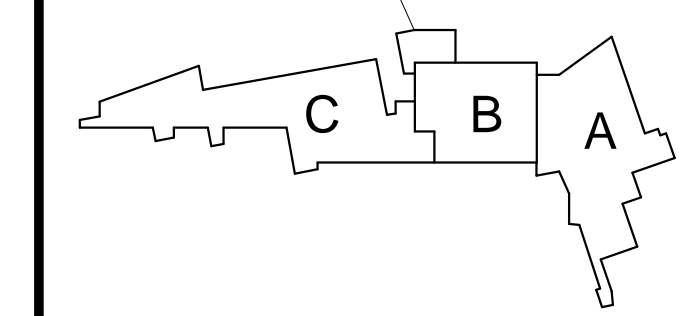


ARCHITECT



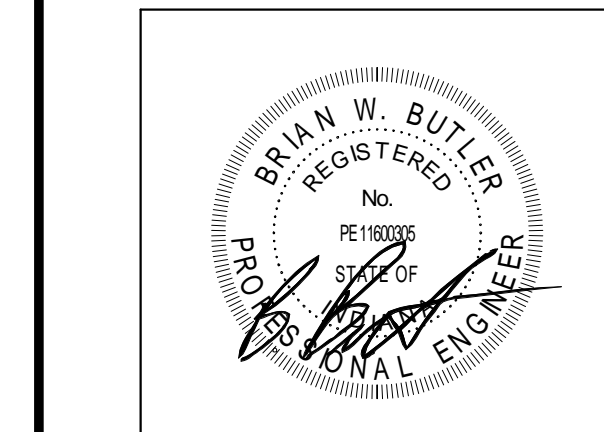
419-586-7771 WWW.FHAI.COM
128 WEST MARKET STREET, CELINA, OHIO 45822

ADDITION



KEY PLAN

CONSTRUCTION DEVELOPMENT



PROJECT MANAGER: MM
DRAWN BY: CDT
PROJECT NUMBER: 223193.00
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REV. NO.	DESCRIPTION	DATE

TECHNOLOGY ROUGH-IN DETAILS

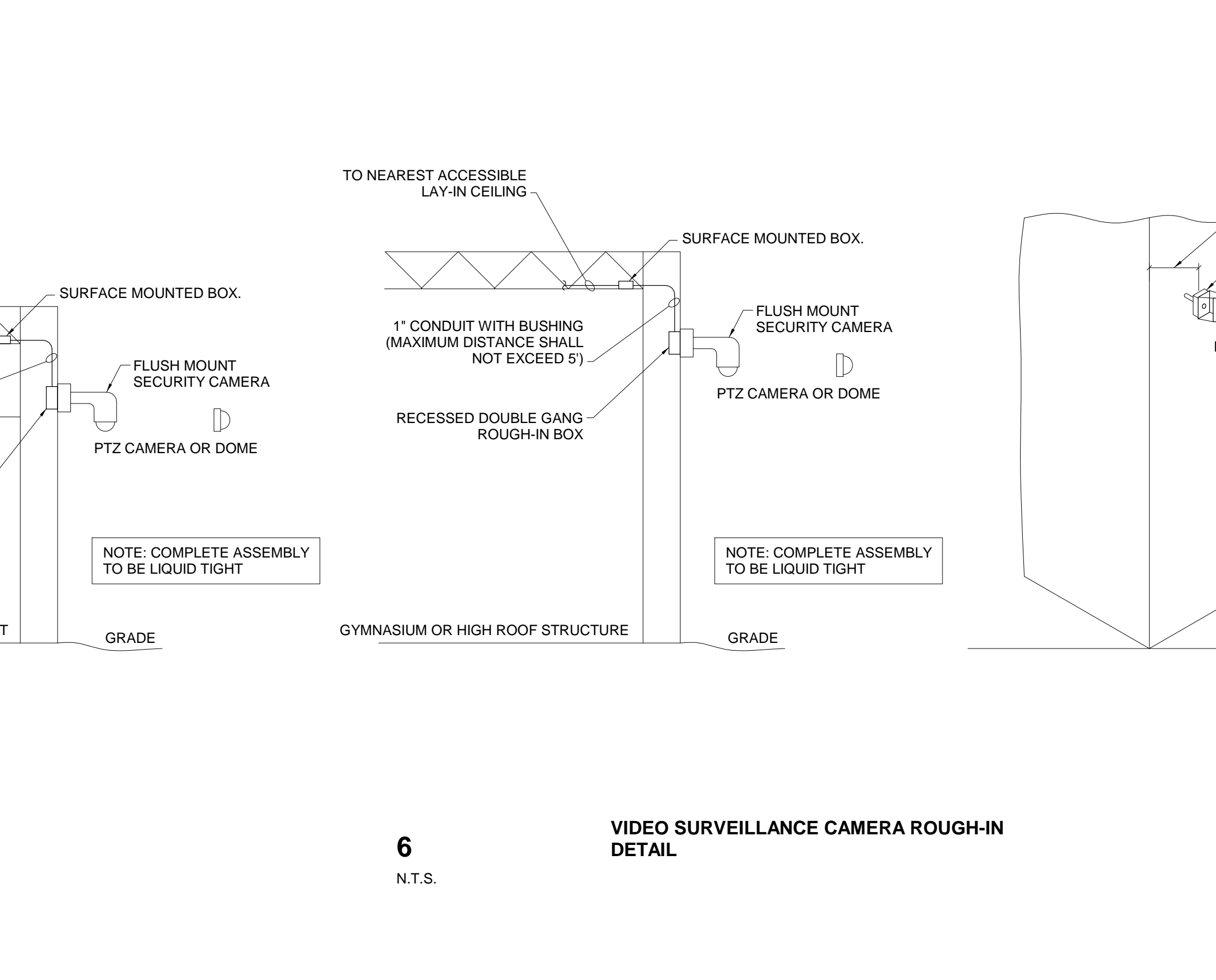
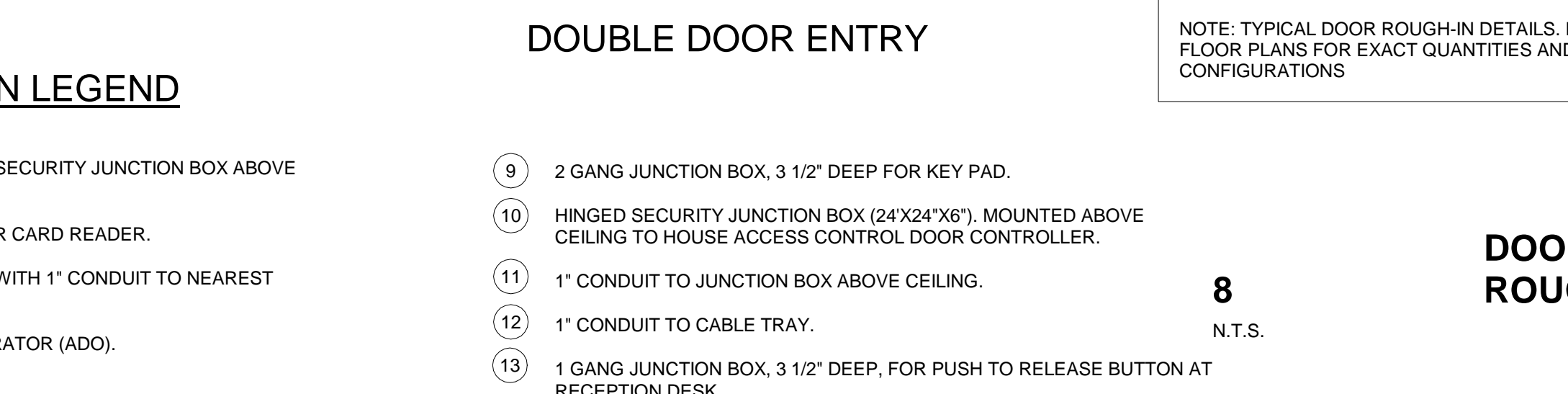
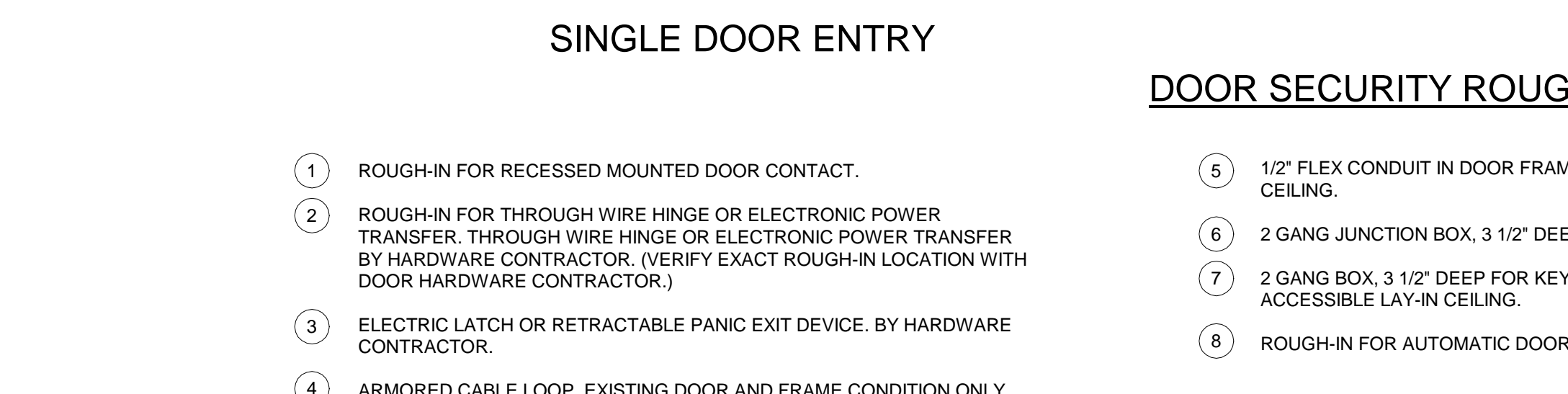
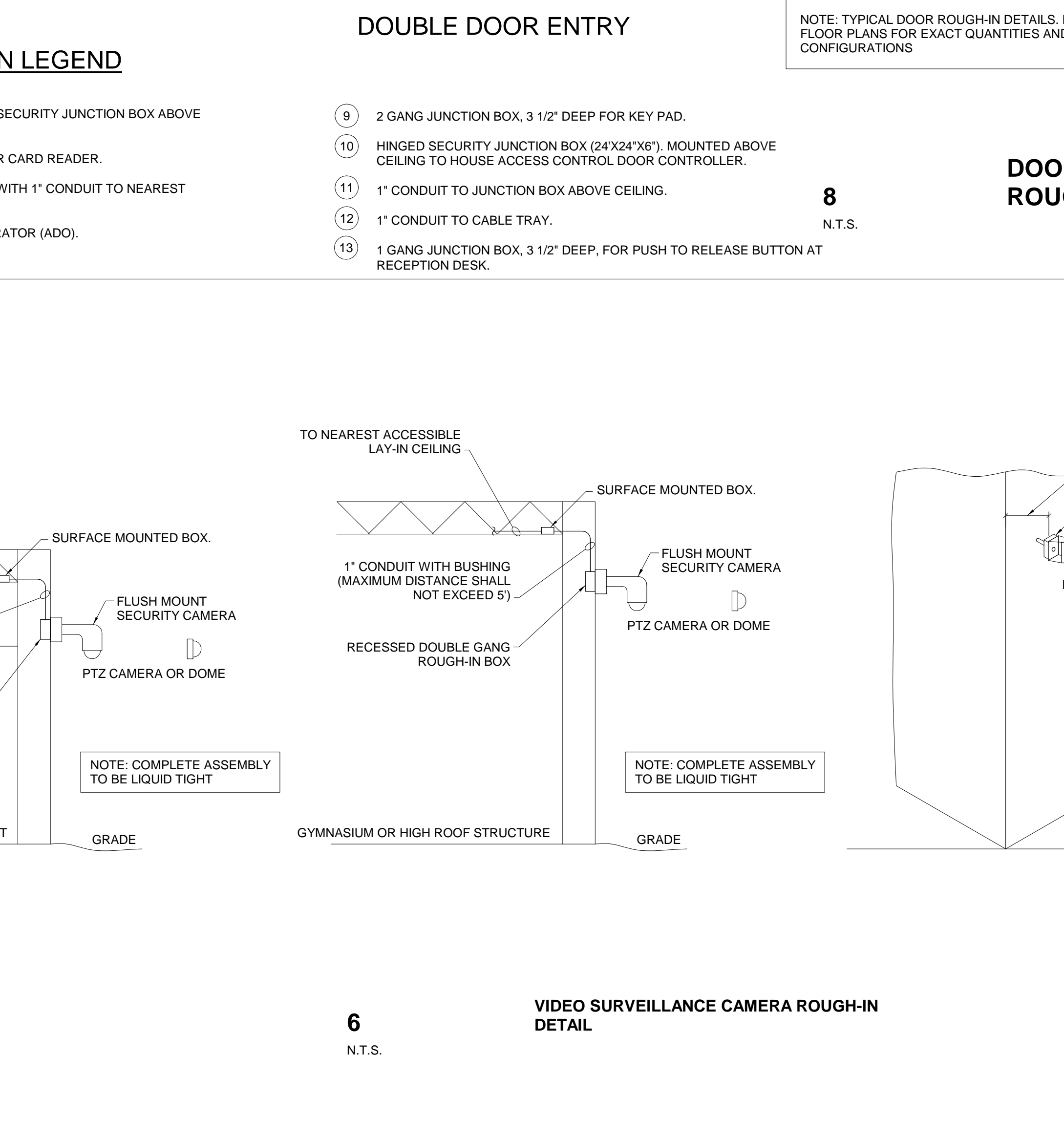
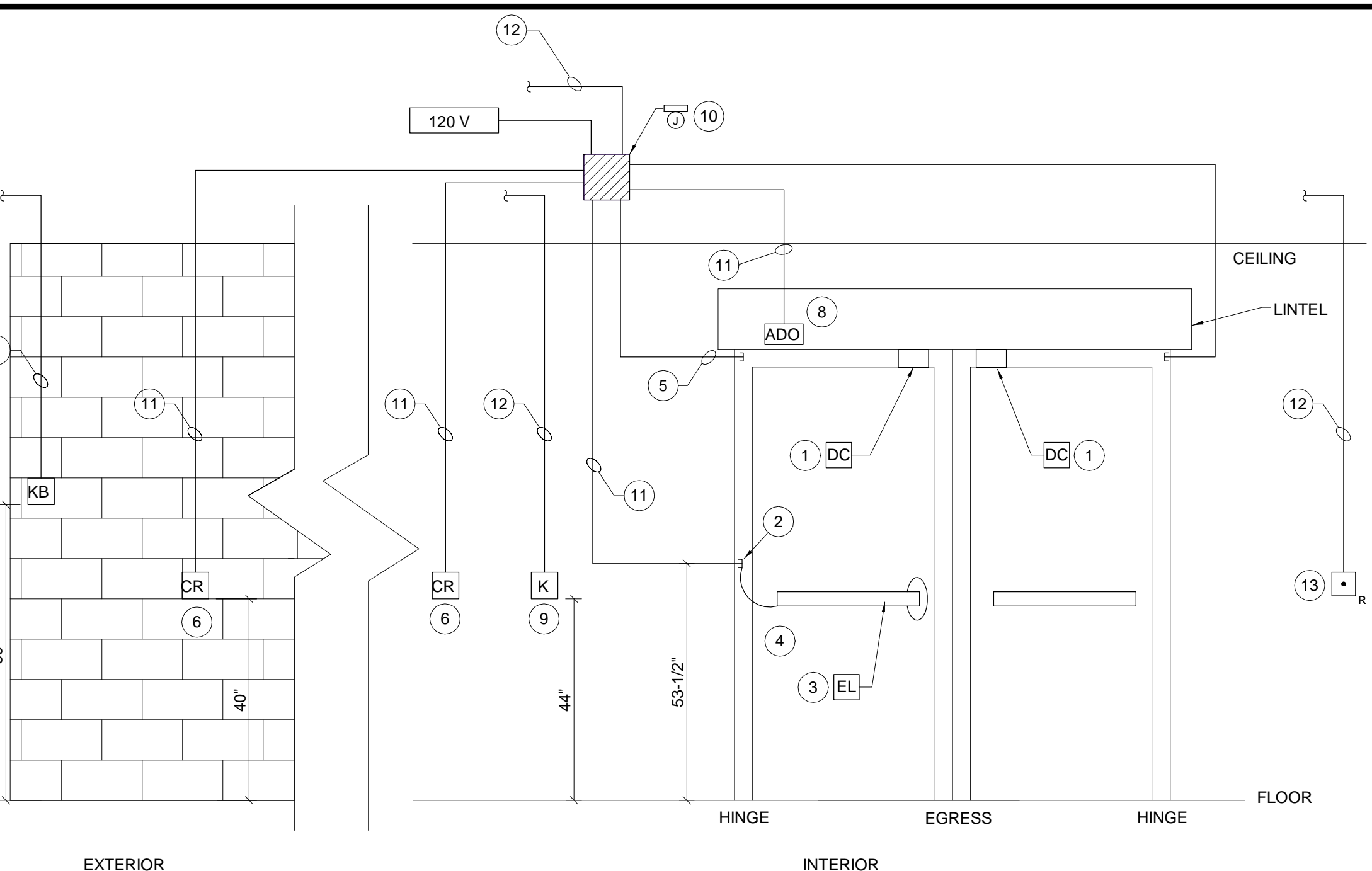
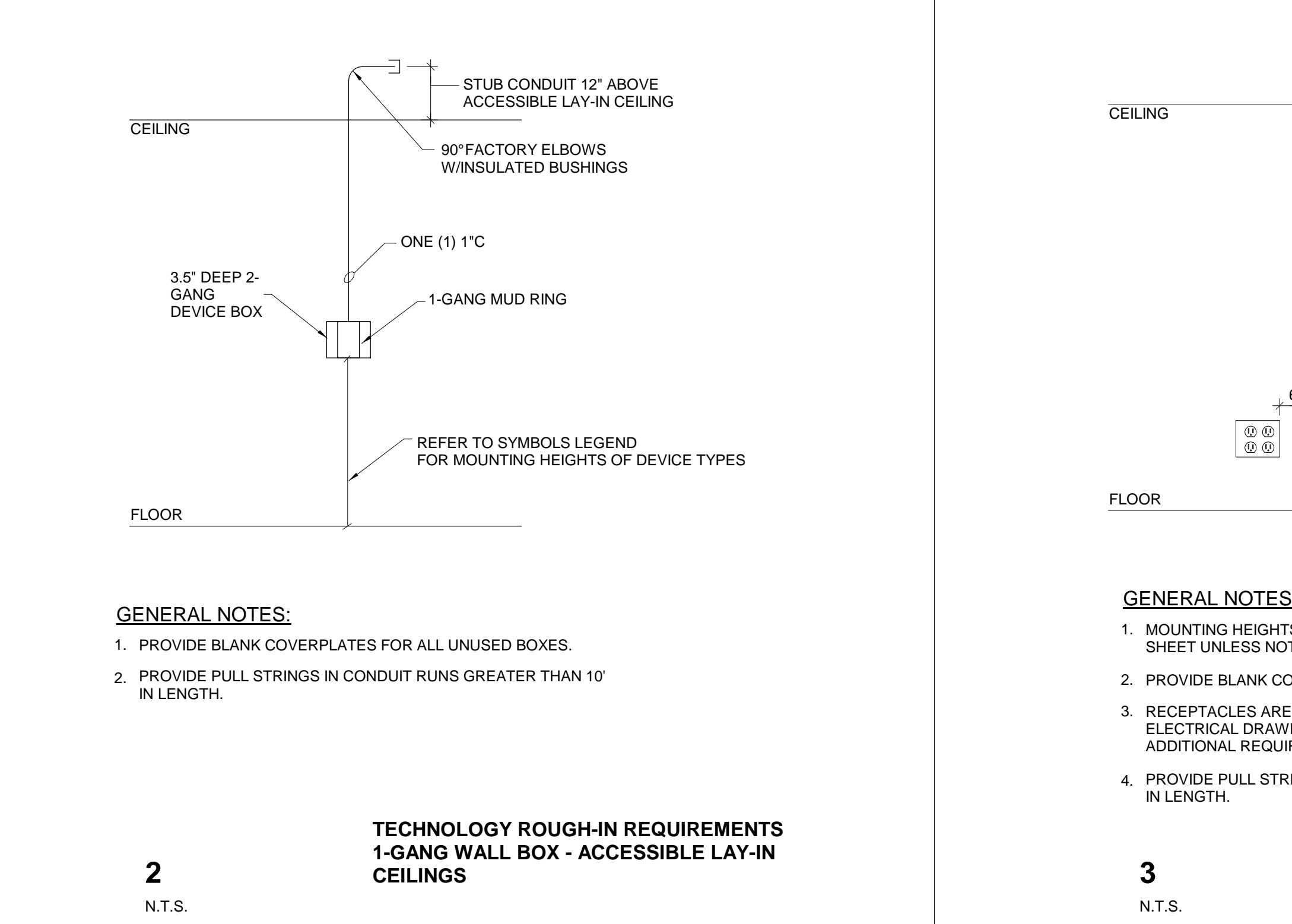
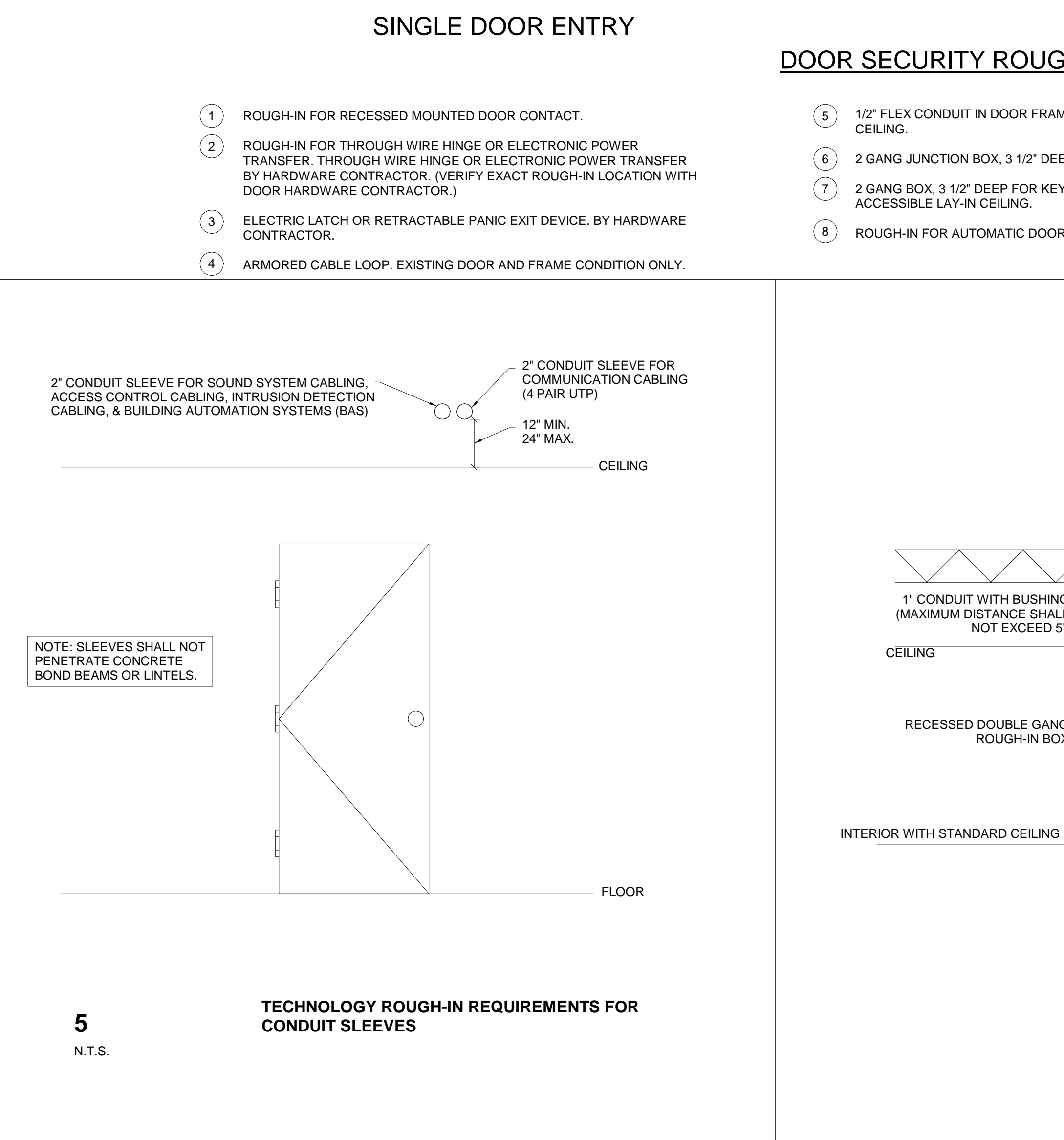
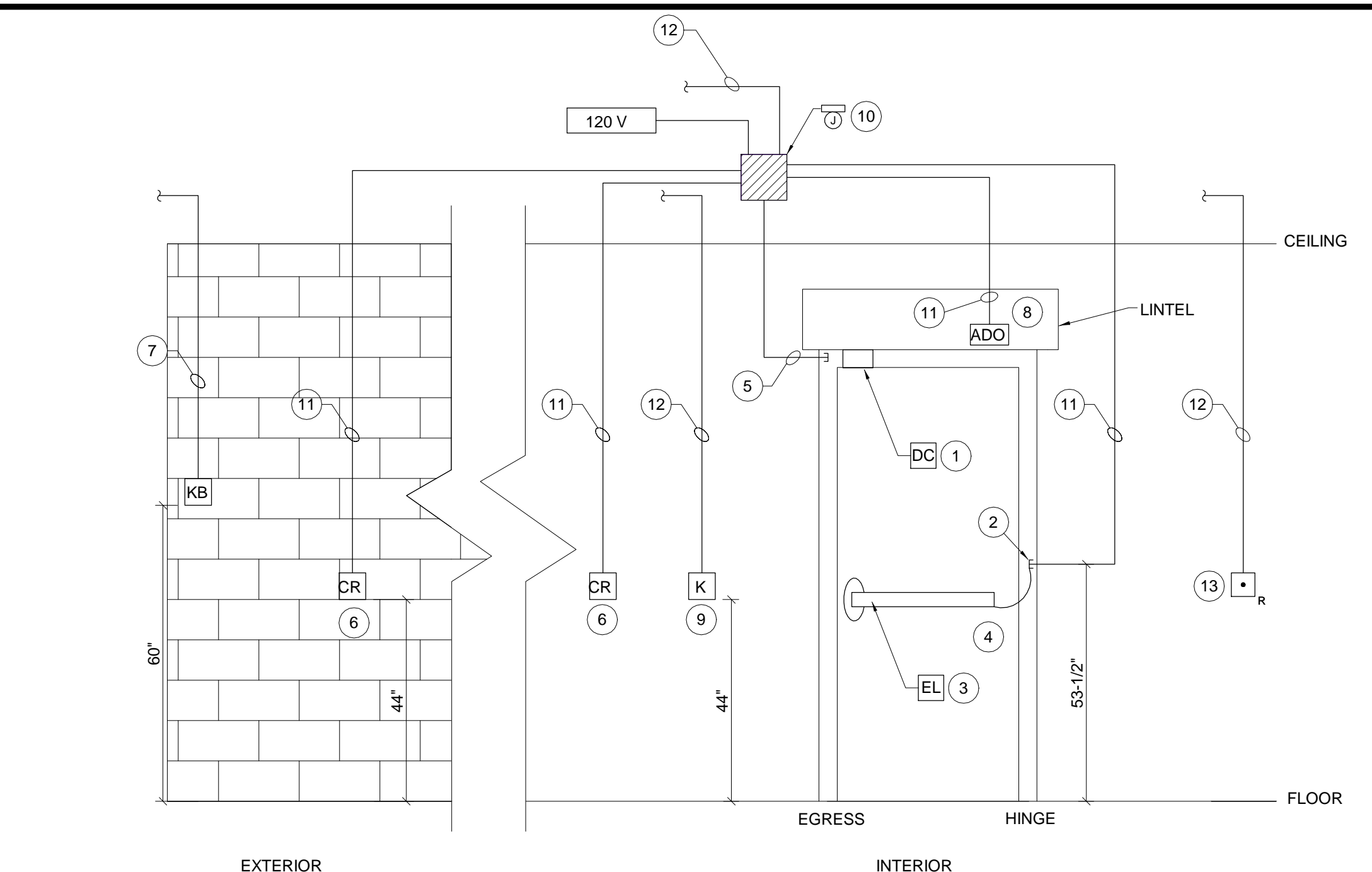
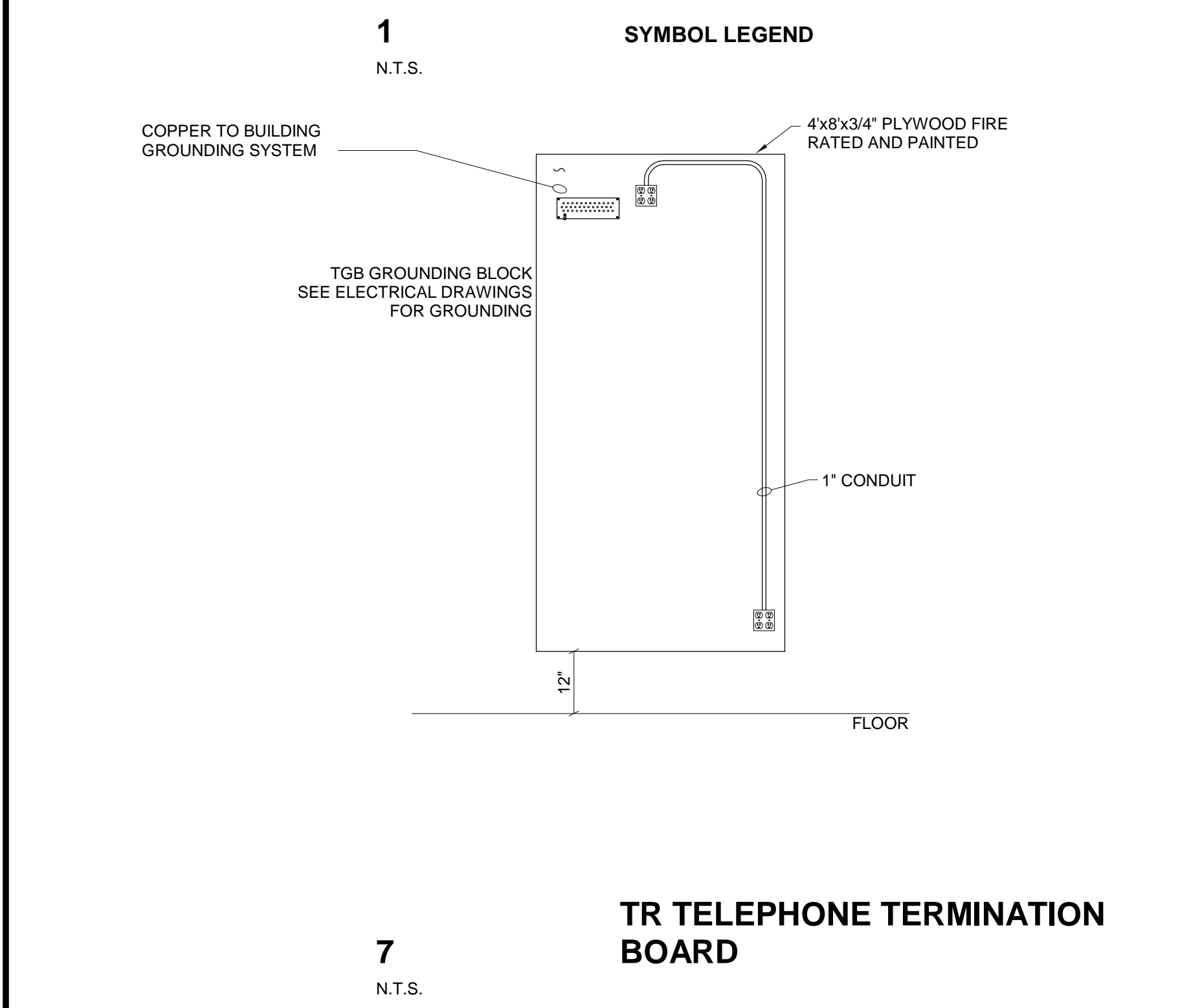
E3.17

COMMUNICATIONS ROUGH-IN SYMBOLS		
SYMBOL	DESCRIPTION	MH UNO
◁	COMMUNICATIONS OUTLET. 2 GANG, 3.5" DEEP BOX WITH 2 GANG MUD RING. WITH 2 (TWO) 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PLASTIC BUSHING AND PULL STRING.	16"
◁W	WALL MOUNTED COMMUNICATIONS OUTLET. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING. WITH 1 (ONE) 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PLASTIC BUSHING AND PULL STRING.	44"
⊞	MULTI CAPACITY FLOOR BOX WITH 1 (ONE) 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING AND ONE (1) 1" CONDUIT TO NEAREST TELECOMMUNICATIONS ROOM. PROVIDE PLASTIC BUSHINGS AND PULL STRINGS.	F
◁SR	SOUND REINFORCEMENT LOCATION. 2 GANG, 3.5" DEEP BOX WITH 2 GANG MUD RING. WITH 2 (TWO) 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PLASTIC BUSHING AND PULL STRING. COORDINATE WITH TECHNOLOGY AND ARCHITECTURAL DRAWINGS.	5'-4"
W	WALL MOUNTED WIRELESS ACCESS POINT. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING. WITH 1 (ONE) 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PLASTIC BUSHING AND PULL STRING.	10'-0"
W	CEILING MOUNTED WIRELESS ACCESS POINT. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING. WITH 1 (ONE) 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PLASTIC BUSHING AND PULL STRING.	C
—	18" CABLE TRAY, UNLESS OTHERWISE NOTED	-
—	2" CONDUIT SLEEVES BETWEEN WALLS, UNLESS OTHERWISE NOTED	-
o o	2 (TWO) 4" CONDUIT SLEEVES BETWEEN FLOORS	-
—	4' x 8' x 3/4" FIRE RATED PLYWOOD	-
▽	POKE-THRU FLOOR BOX WITH 1 (ONE) 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING AND ONE (1) 1" CONDUIT TO NEAREST TELECOMMUNICATIONS ROOM. PROVIDE PLASTIC BUSHINGS AND PULL STRINGS.	F

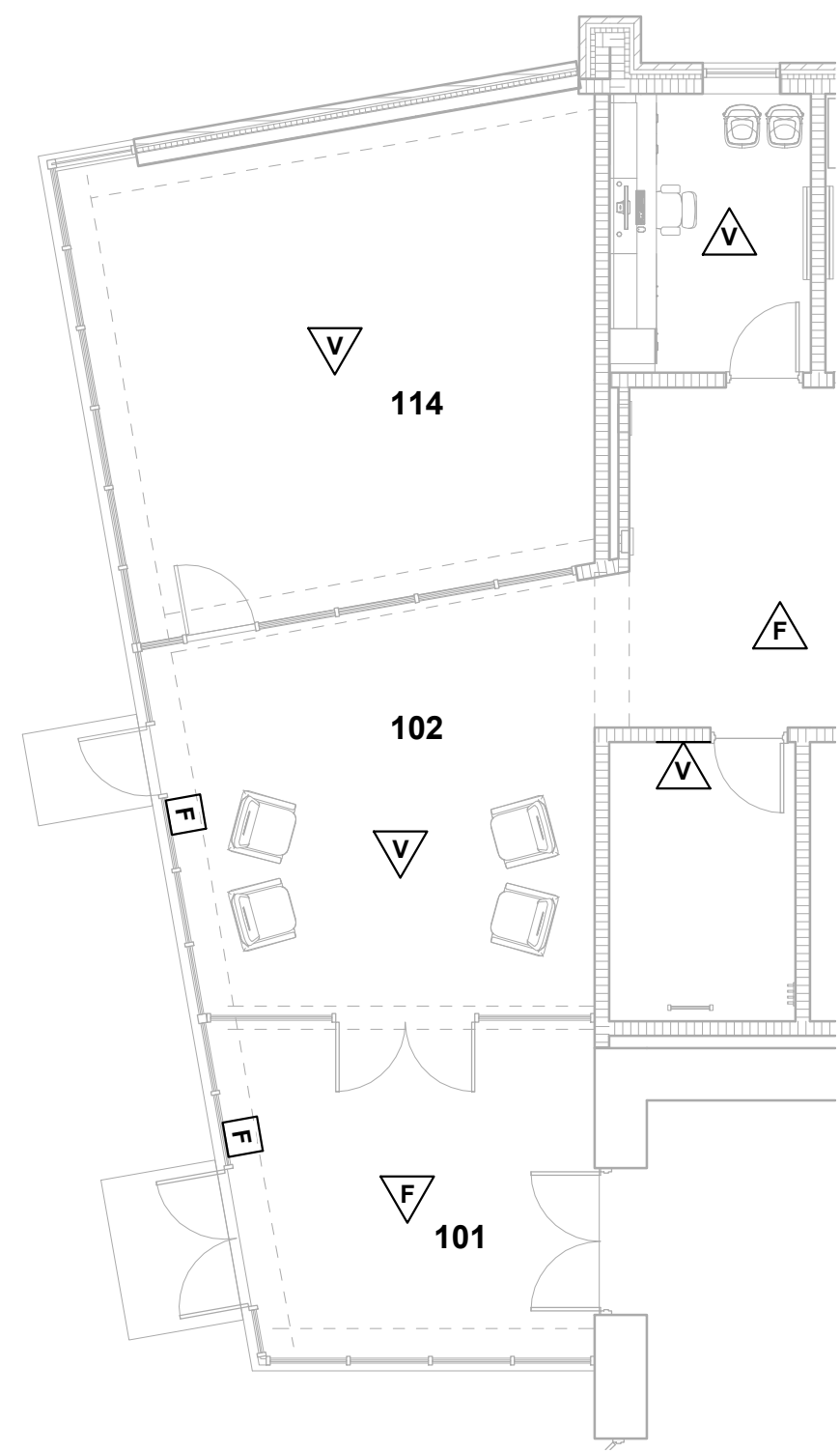
VIDEO SURVEILLANCE CAMERA ROUGH-IN SYMBOL		
SYMBOL	DESCRIPTION	MH UNO
⊞	WALL MOUNTED VIDEO SURVEILLANCE CAMERA 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING WITH 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PULL BOX. (MOUNT WITHIN 12" OF CORNER WHEN APPLICABLE)	+144"
⊞	WALL MOUNTED VIDEO SURVEILLANCE CAMERAS 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING WITH 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PULL BOX. (MOUNT WITHIN 12" OF CORNER WHEN APPLICABLE)	+144"
⊞	WALL MOUNTED VIDEO SURVEILLANCE CAMERAS 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING WITH 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PULL BOX. (MOUNT WITHIN 12" OF CORNER WHEN APPLICABLE)	+144"
⊞	WALL MOUNTED VIDEO SURVEILLANCE CAMERA 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING WITH 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PULL BOX. (MOUNT WITHIN 12" OF CORNER WHEN APPLICABLE)	+144"
⊞	WALL MOUNTED WEATHERPROOF VIDEO SURVEILLANCE CAMERA. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING WITH 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PULL BOX. (MOUNT WITHIN 12"-16" OF CORNER WHEN APPLICABLE)	+144"

ACCESS CONTROL ROUGH-IN SYMBOLS		
SYMBOL	DESCRIPTION	MH UNO
ACP	ACCESS CONTROL PANEL. 2 GANG, 3.5" DEEP BOX WITH 2 GANG MUD RING, 2 (TWO) 1" CONDUIT STUBBED ABOVE ACCESSIBLE LAY-IN CEILING WITH PULL STRING	-
CR	CARD READER. 2 GANG, 3.5" DEEP BOX WITH 2 GANG MUD RING, 1 (ONE) 1" CONDUIT TO JUNCTION BOX ABOVE DOOR	44"
EL	ELECTRONIC LATCH. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING, 1 (ONE) 1" CONDUIT TO JUNCTION BOX ABOVE DOOR	-
J	24" W x 24" H x 6" D JUNCTION BOX ABOVE DOOR FOR ACCESS CONTROL DOOR CONTROLLER.	ABOVE CLS.
KB	KEY BOX. 2 GANG, 3.5" DEEP BOX WITH 2 GANG MUD RING, 1 (ONE) 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PLASTIC BUSHING AND PULL STRING.	60"
•	PUSH TO RELEASE BUTTON. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING. 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PLASTIC BUSHING AND PULL STRING.	44"
ADO	AUTOMATIC DOOR OPERATOR, 1" CONDUIT TO JUNCTION BOX ABOVE DOOR	-
REX	REQUEST TO EXIT SWITCH. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING, 1 (ONE) 1" CONDUIT TO JUNCTION BOX ABOVE DOOR (LOCATED IN EXIT DOOR HARDWARE)	-

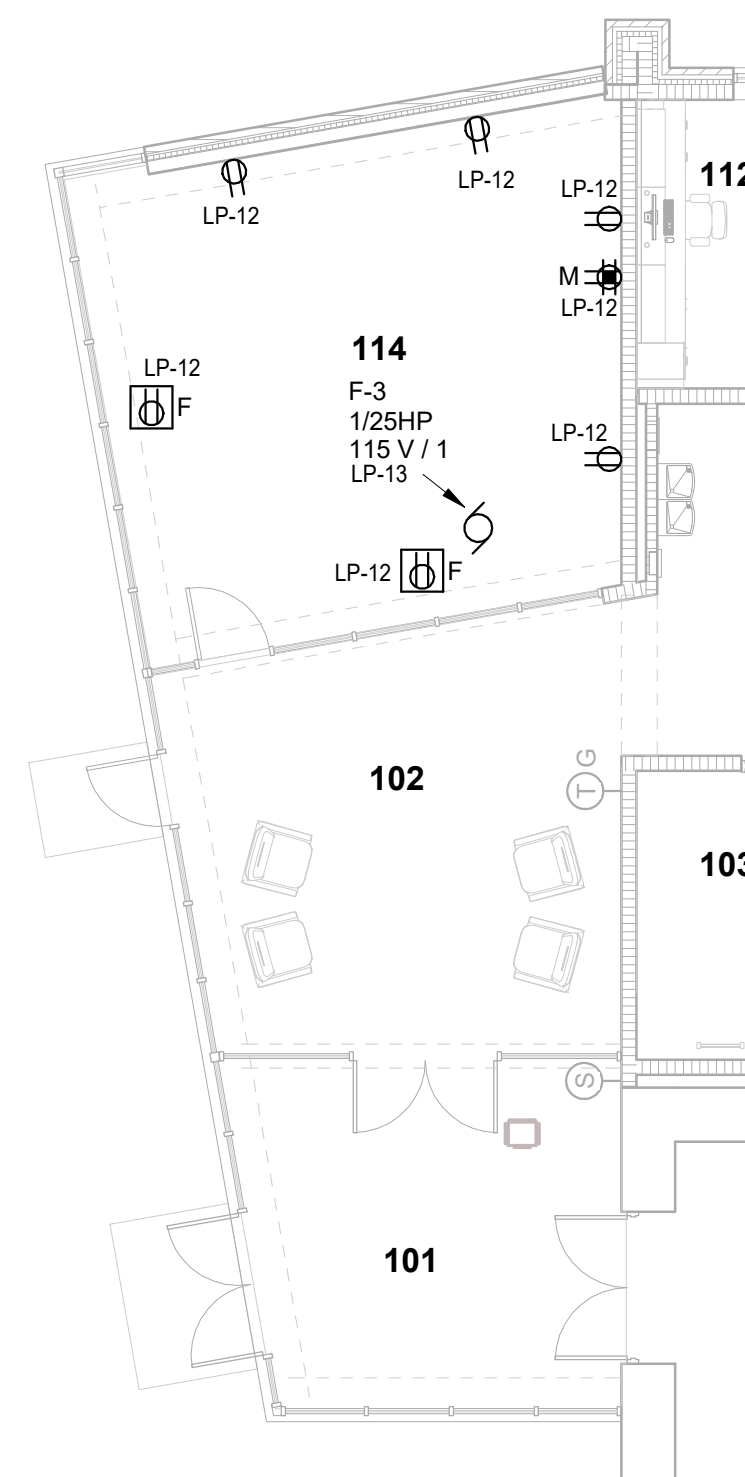
INTRUSION DETECTION ROUGH-IN SYMBOLS		
SYMBOL	DESCRIPTION	MH UNO
IDCP	INTRUSION DETECTION PANEL. 2 GANG, 3.5" DEEP BOX WITH 2 (TWO) 1" CONDUIT STUBBED ABOVE ACCESSIBLE LAY-IN CEILING	-
DC	DOOR CONTACT ROUGH-IN	-
K	KEYPAD. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING. 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PLASTIC BUSHING AND PULL STRING.	44"
MD	WALL MOUNTED MOTION DETECTOR. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING. 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PULL STRING	NOTED ON DWGS
MD	CEILING MOUNTED MOTION DETECTOR. 2 GANG, 3.5" DEEP BOX WITH 1 GANG MUD RING. 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING WITH PULL STRING	NOTED ON DWGS



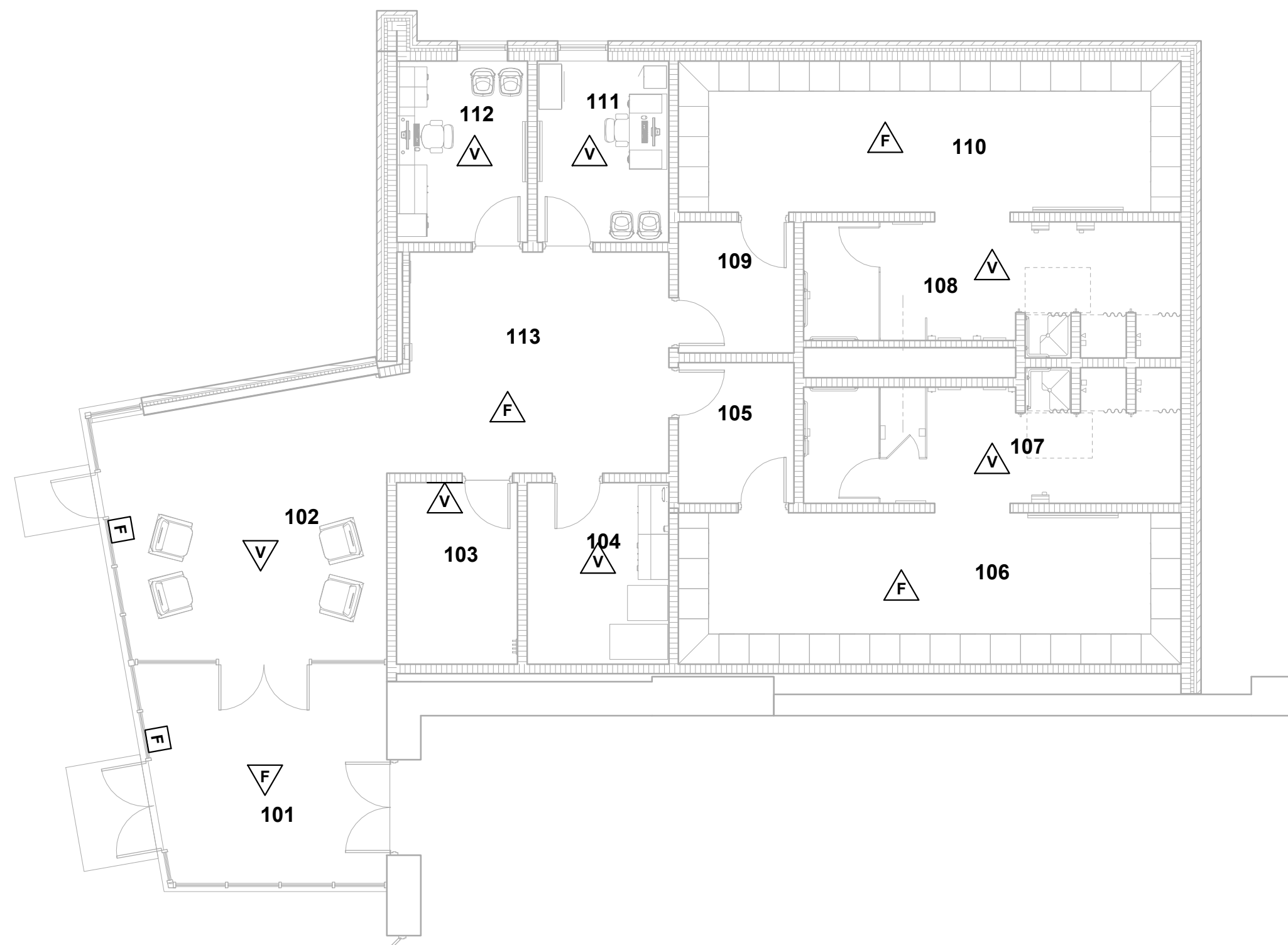
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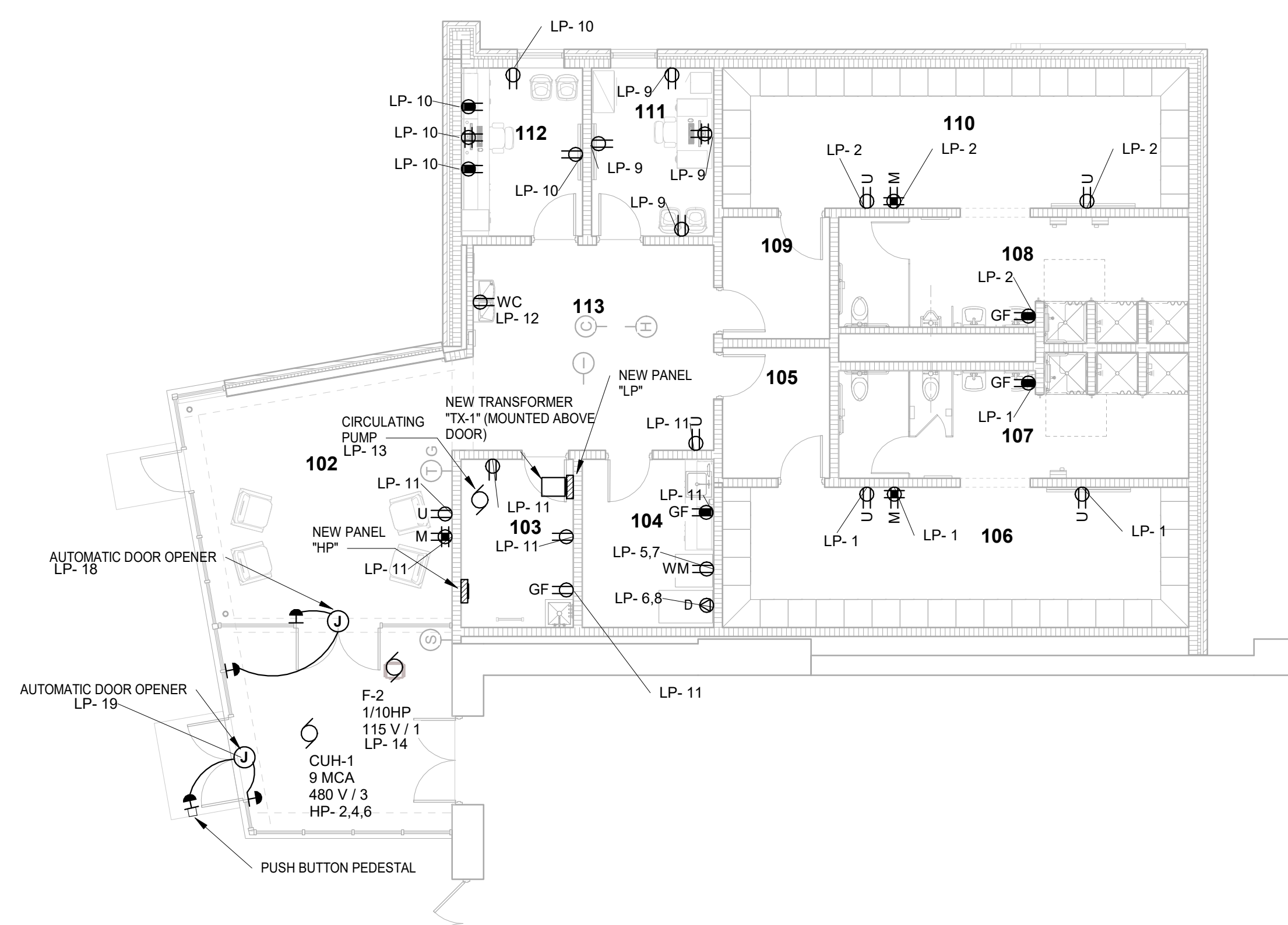
ALTERNATE FIRST FLOOR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



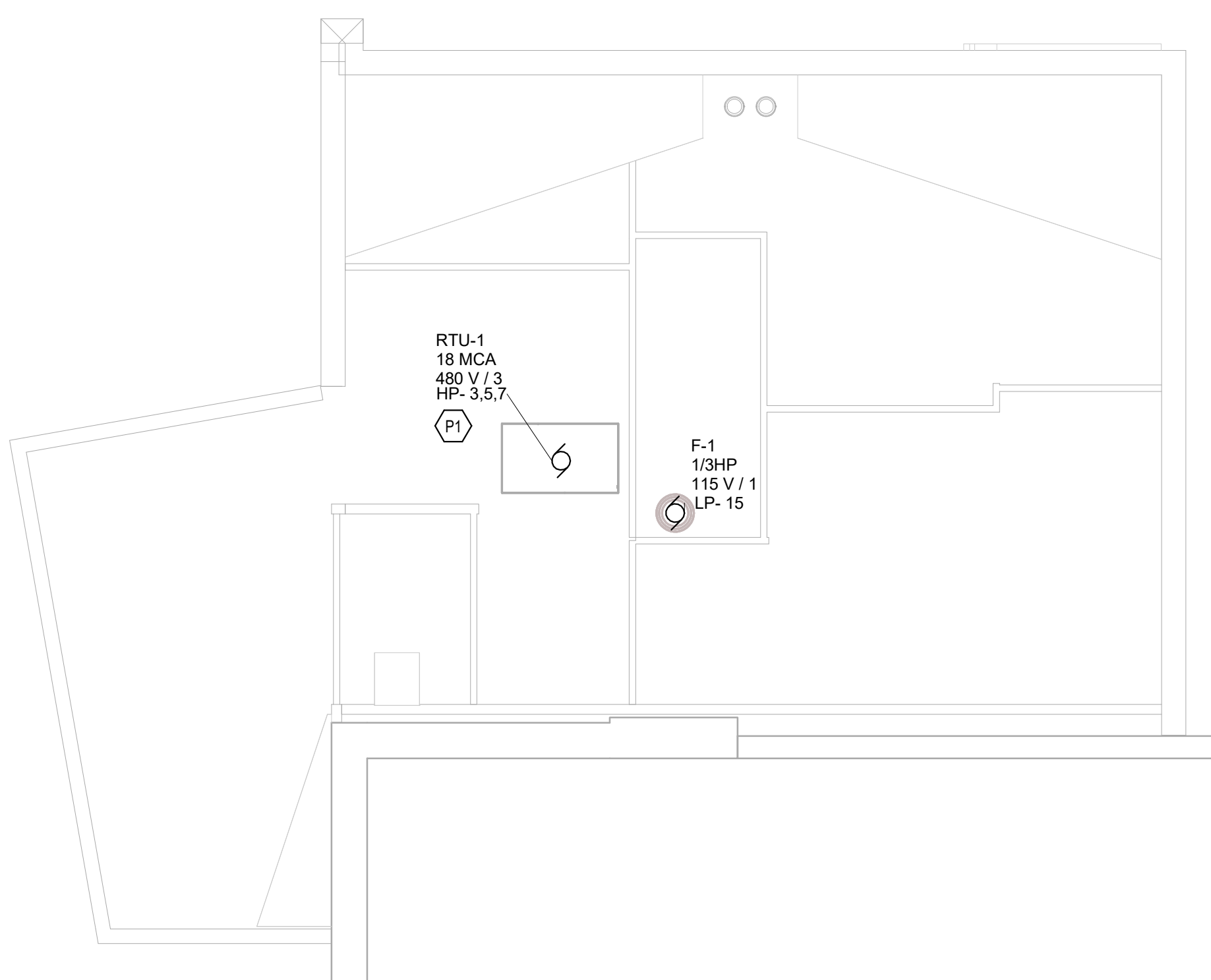
ALTERNATE FIRST FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"



FIRST FLOOR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



FIRST FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"



ROOFTOP POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES - POWER

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
4. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
5. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
6. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
7. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
8. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

GENERAL NOTES - FIRE ALARM

1. PROVIDE MATERIALS COMPATIBLE WITH EXISTING SYSTEM AND UPDATE PROGRAMMING AS REQUIRED.

ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
101	VESTIBULE	232 SF
102	COMMONS	323 SF
103	UTILITY	97 SF
104	LAUNDRY	113 SF
105	VESTIBULE	72 SF
106	WOMENS LOCKER ROOM	334 SF
107	RESTROOM/SHOWER	201 SF
108	RESTROOM/SHOWER	204 SF
109	VESTIBULE	67 SF
110	MENS LOCKER ROOM	334 SF
111	OFFICE	105 SF
112	OFFICE	104 SF
113	COMMONS	262 SF

KEYNOTES	
P1	PROVIDE 3 #12 AND #12S IN 3/4" CONDUIT TO NEW PANEL HP.

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE COMMUNITY COLLEGE

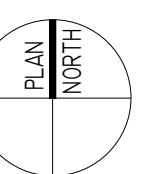
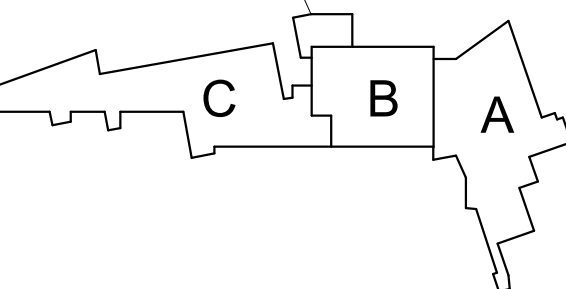


ARCHITECT



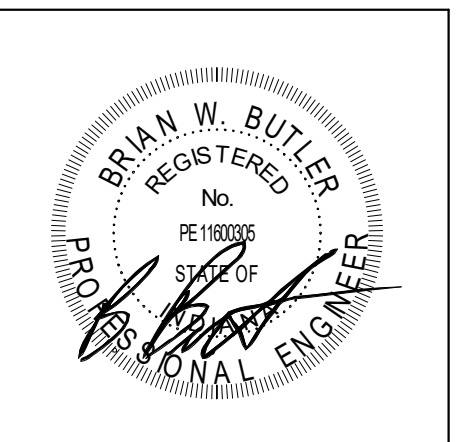
419-586-7771 WWW.FHAI.COM
128 WEST MARKET STREET, CELINA, OHIO 45822

ADDITION



KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY: RDR
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2-22-2024

REV. NO.	DESCRIPTION	DATE

VERIFICATION NOTE
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

FIRST FLOOR POWER AND FIRE ALARM PLAN

E5.01

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

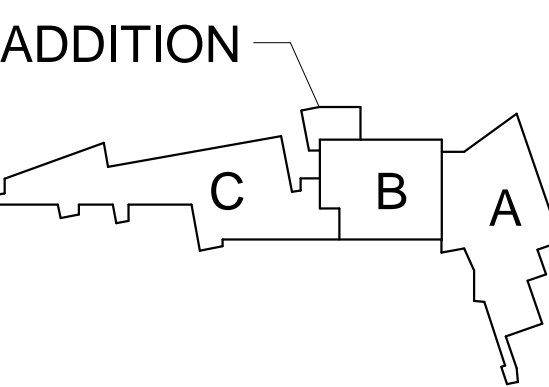
EDISON STATE
COMMUNITY COLLEGE



ARCHITECT

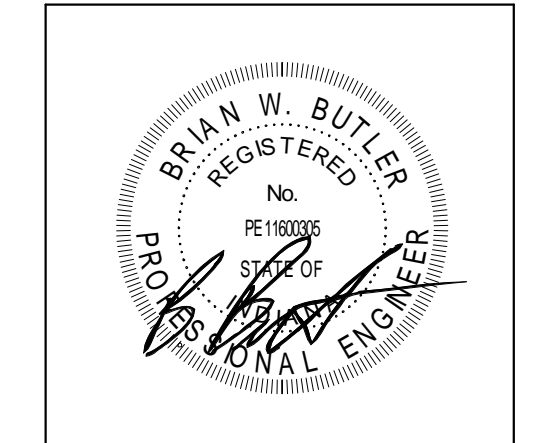


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128 WEST MARKET STREET, CELINA, OHIO 45822



KEY PLAN

CONSTRUCTION DEVELOPMENT



PROJECT MANAGER: MM
DRAWN BY: CDT
PROJECT NUMBER: 223193.00
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REV. NO.	DESCRIPTION	DATE

TECHNOLOGY DETAILS

T1.01

COMMUNICATIONS SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE
	COMMUNICATIONS OUTLET. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	2
	WALL MOUNTED COMMUNICATIONS OUTLET. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	1
	COMMUNICATIONS OUTLET. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO AN HDMI CABLE UP TO THE MON OUTLET NOTED.	SEE AV WIRING DETAILS
	TELEPHONE TERMINATION BOARD	T1.02 - 5
	TECHNOLOGY EQUIPMENT WALL MOUNTED CABINET	T1.02 - 4
	WALL MOUNTED MONITOR. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO AN HDMI CABLE DOWN TO THE V.I. OUTLET NOTED.	SEE AV WIRING DETAILS LOCKER ROOM MON LOCATIONS DO NOT HAVE HDMI
	CEILING MOUNTED WIRELESS ACCESS POINT. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	2 CAT6
	CONDUIT SLEEVES BETWEEN WALLS	PROVIDED BY DIV. 26
	ONE-WAY IP CEILING MOUNT SPEAKERS	

INTERIOR VIDEO SURVEILLANCE CAMERA SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE
	CEILING MOUNTED VIDEO SURVEILLANCE CAMERA. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	1

EXTERIOR VIDEO SURVEILLANCE CAMERA SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE
	WALL MOUNTED WEATHERPROOF VIDEO SURVEILLANCE CAMERA. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	

ACCESS CONTROL SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE
	ABOVE CEILING WALL MOUNTED DOOR ACCESS CONTROLLER JUNCTION BOX. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	T1.02
	CARD READER	T1.02
	ELECTRONIC LATCH SET WITH ELECTRONIC POWER TRANSFER	T1.02

INTRUSION DETECTION SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	
	DOOR CONTACT	

CLOCK SYSTEM SYMBOLS		
SYMBOL	DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE
	WALL MOUNTED SINGLE-FACED DIGITAL CLOCK	

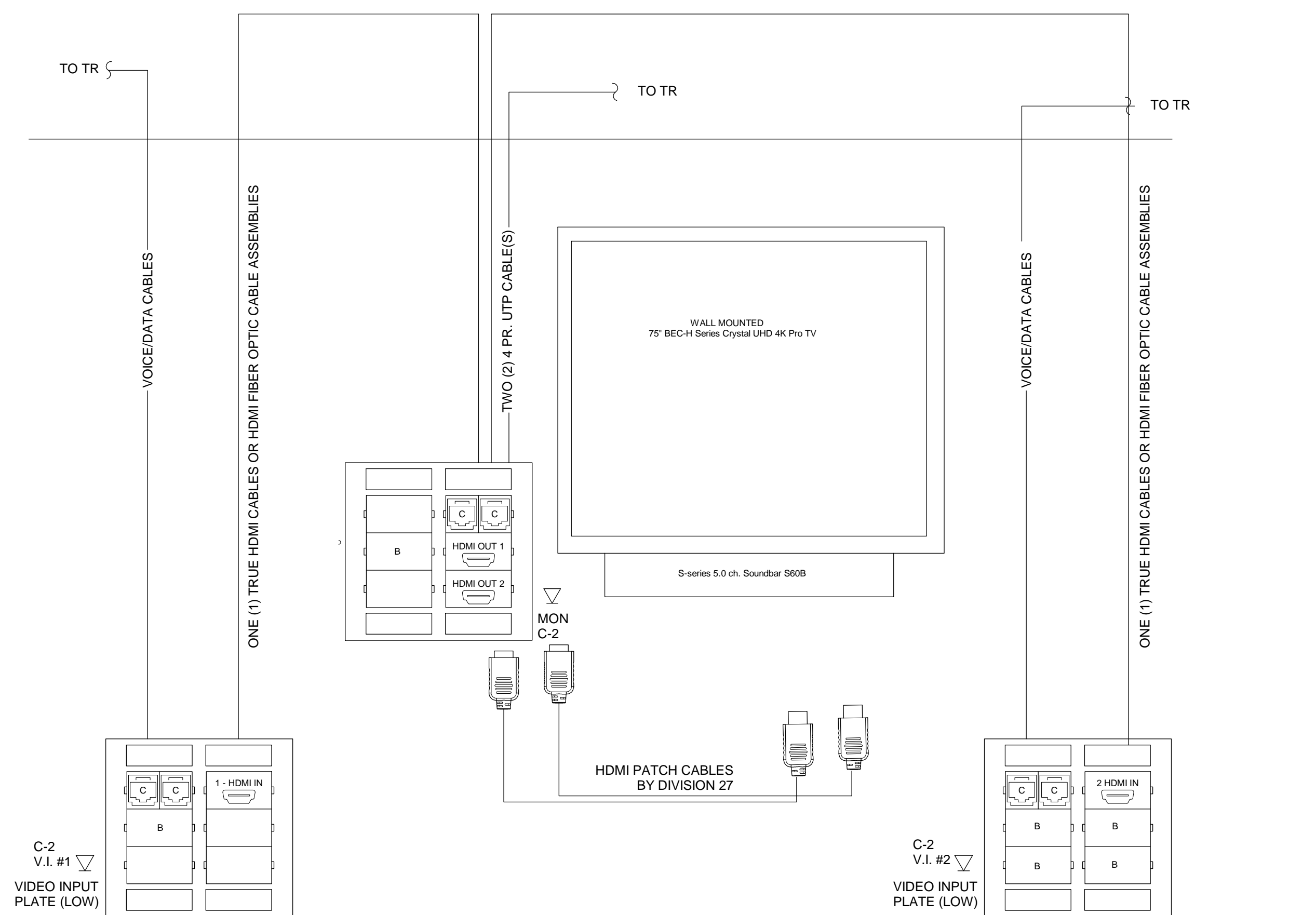
TECHNOLOGY GENERAL NOTES

- THE COMMUNICATIONS CABLING CONTRACTOR(S) IS/ARE RESPONSIBLE FOR ANY ADDITIONAL CONDUIT SLEEVES, OUTLET/JUNCTION BOXES, SURFACE RACEWAY, CABLE TRAY, DOUBLE GANG SQUARE PASTER MUD RINGS, ETC. NOT SHOWN ON THE E3 ROUGH IN DRAWINGS.
- THE COMMUNICATIONS CABLING CONTRACTOR(S) IS/ARE RESPONSIBLE FOR COORDINATING WITH ELECTRICAL CONTRACTOR IN EXTENDING THE ELECTRICAL SERVICE FROM THE ELECTRICAL JUNCTION BOX IN THE SPACE TO ALL THE COMMUNICATIONS RACKS/CABINETS.
- THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR REPLACING/REPAIRING DAMAGED CEILING GRID/TILE AS A RESULT OF THEIR INSTALLATION.
- THE CONTRACTOR SHALL VERIFY THE SURFACE RACEWAY LOCATIONS, ROUTING, OPENINGS, ETC. WITH THE BUILDING ELECTRICAL CONTRACTOR. PROVIDE PROPER COVER PLATES FOR THE DEVICES AS REQUIRED.
- THE COMMUNICATIONS CABLING CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF THE VIDEO MONITOR WITH THE GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR TO CONFIRM ROUGH INS AND MOUNTS ARE PLACED AND HIDDEN BEHIND THE MONITOR.
- THE DIVISION 27/28 TECHNOLOGY CONTRACTOR SHALL MATCH ANY EXISTING SYSTEMS THAT ARE CURRENTLY IN PLACE AT THE OWNERS SITE. THIS INCLUDES THE FOLLOWING:
 - ACCESS CONTROL: LEVEL
 - CAMERAS: AXIS
 - WIRELESS ACCESS POINTS: CISCO MERAKI #MR46

TECHNOLOGY ABBREVIATIONS

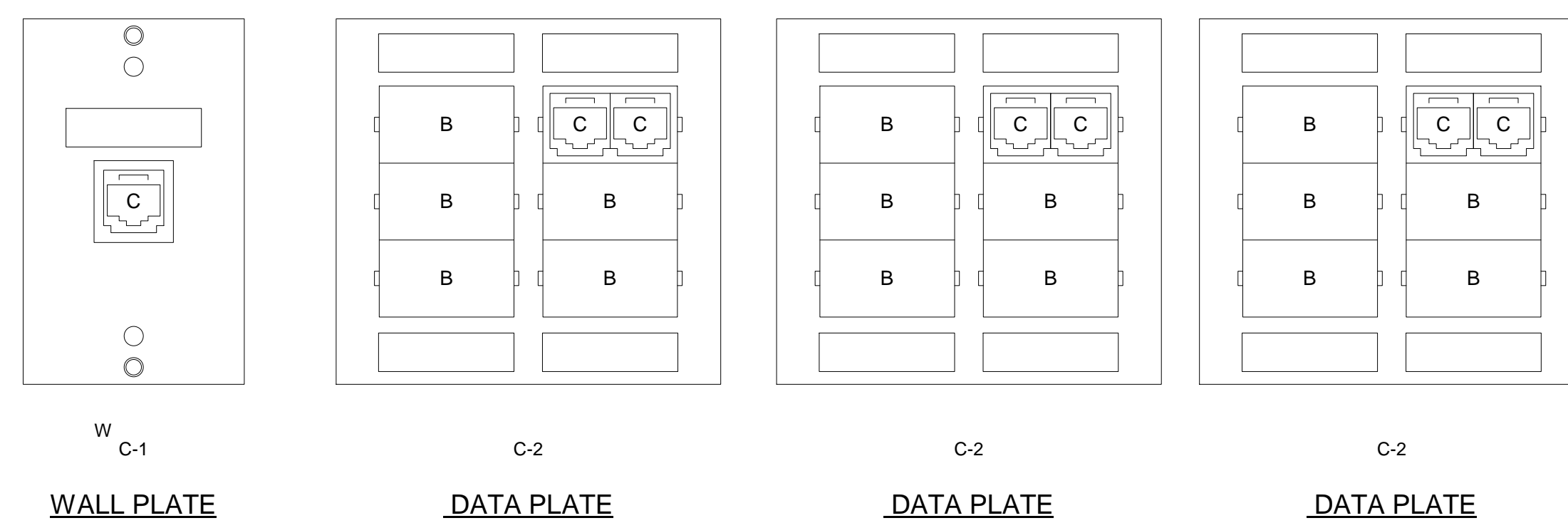
ABBREVIATIONS USED ON DRAWINGS IN GENERAL ARE LISTED BELOW.

- AFF ABOVE FINISH FLOOR
- AFG ABOVE FINISH GRADE
- B BLANK
- C CONDUIT
- CATV CABLE ANTENNA TELEVISION
- J JUNCTION BOX
- MC/ER / MDF MAIN CROSS-CONNECT/EQUIPMENT ROOM / MAIN DISTRIBUTION FRAME
- +N INDICATES MOUNTING HEIGHT (N) TO BOTTOM OF DEVICE FROM FINISH FLOOR UNLESS NOTED OTHERWISE
- NIC NOT IN CONTRACT
- NTS NOT TO SCALE
- TCP TEMPERATURE CONTROL PANEL
- TR / IDF TELECOMMUNICATIONS ROOM / INTERMEDIATE DISTRIBUTION FRAME
- T.T.B. TELEPHONE TERMINATION BOARD
- TV TELEVISION
- UNO UNLESS NOTED OTHERWISE
- VIF VERIFY IN FIELD
- VC VOLUME CONTROL
- W WALL MOUNTED
- V.I. VIDEO INPUT LOCATION
- D DEMO TABLE
- WG WIRE GUARD
- R RELEASE
- DF DUAL FACE
- WP WEATHER PROOF
- VO VIDEO OUTPUT
- PTZ PAN TILT ZOOM
- ETR EXISTING TO REMAIN
- VP VIDEO PROJECTOR
- S SURFACE MOUNTED
- VS VISUAL PAGING STROBE



ALTERNATE BID - TEAM ROOM AV WIRING - VIDEO INPUT TO MONITOR AND SOUNDBAR

3
N.T.S.



TECHNOLOGY FACEPLATE ABBREVIATIONS

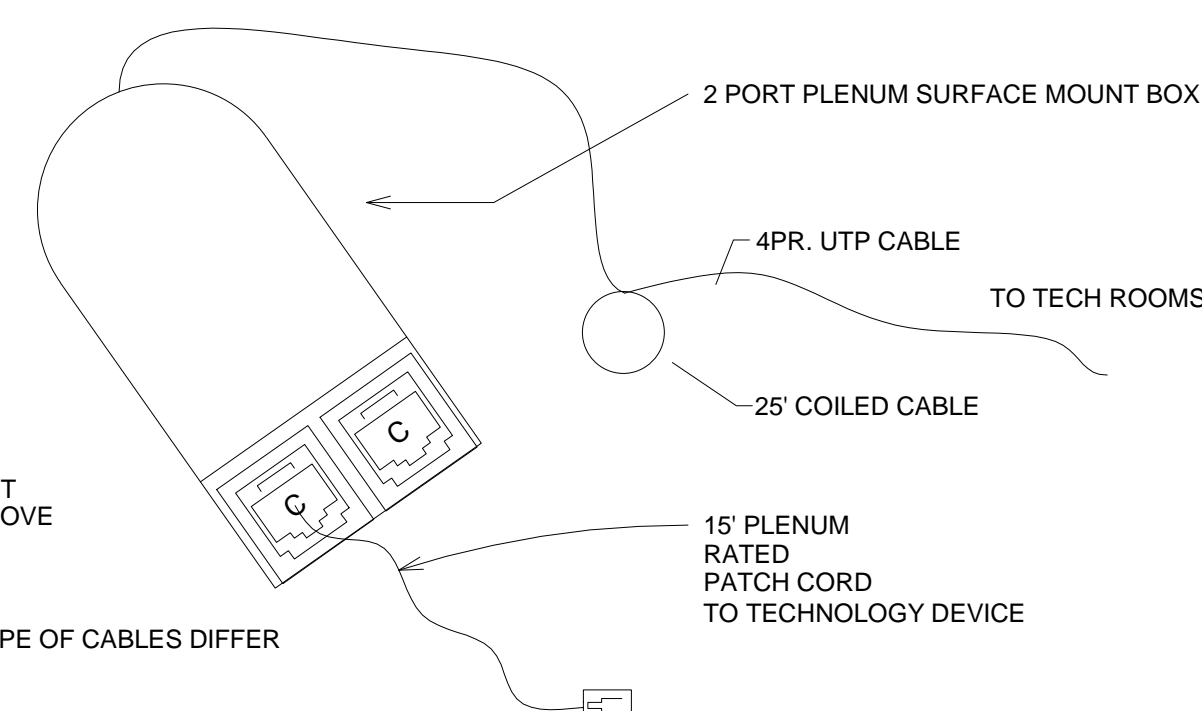
- C - RJ45 DATA JACK
- B - BLANK INSERT
- HDMI - HDMI CONNECTOR

NOTE:
REFER TO AV WIRING DETAILS FOR EXACT CONFIGURATIONS OF VIDEO INPUT (V.I.), VIDEO OUTPUT (VO), AND AV CABINET LOCATIONS..

WALL PLATE CONFIGURATIONS

NO SCALE

- HANG FROM INDEPENDENT CEILING WIRE 6" TO 12" ABOVE CEILING TILE
- QUANTITY, COLOR AND TYPE OF CABLES DIFFER FOR EACH TYPE OF BOX REFER TO DRAWINGS

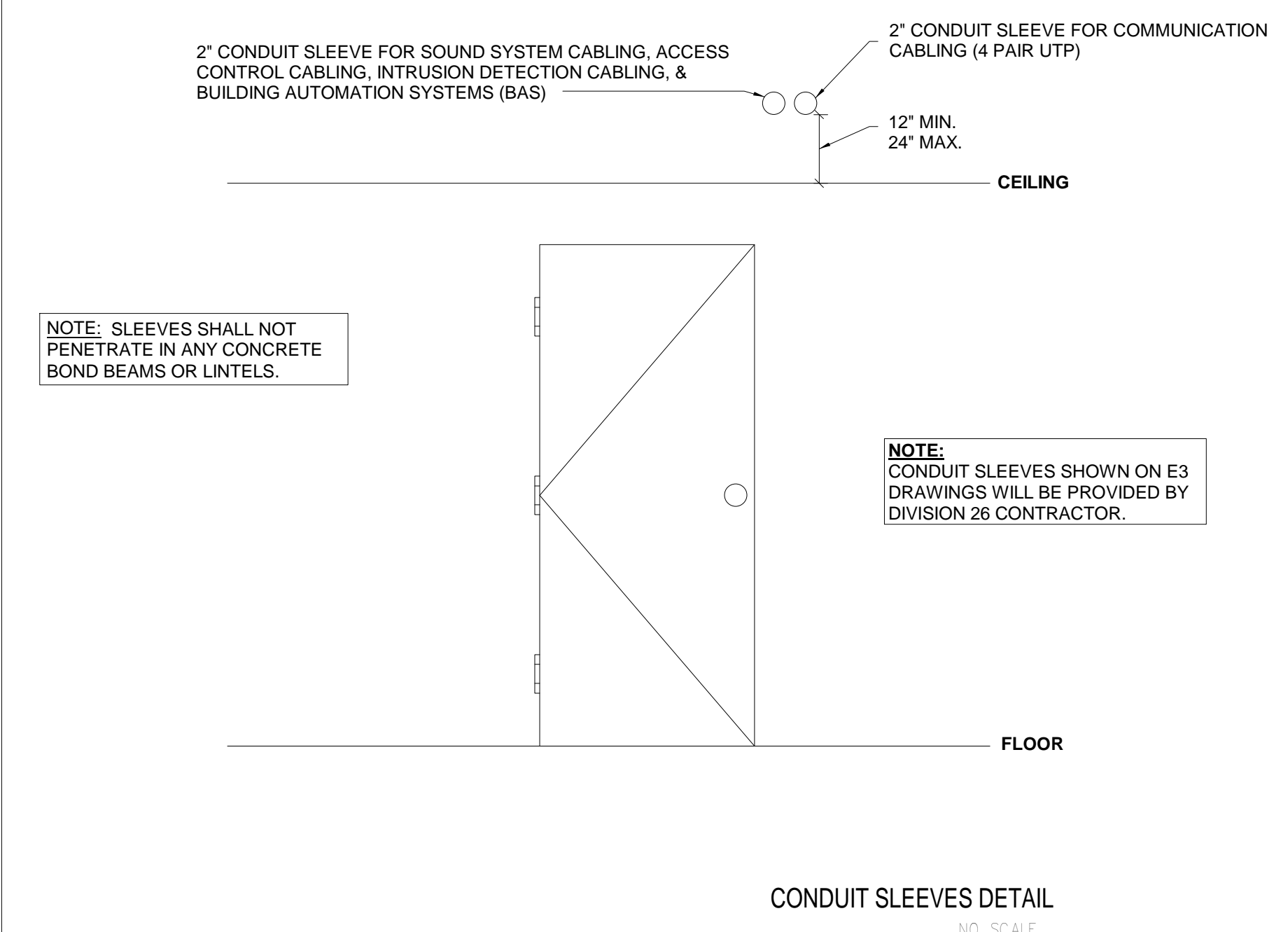


TYPICAL ABOVE CEILING JUNCTION BOX - WIRING DETAIL
NO SCALE

	CONTRACTOR FURNISH	CONTRACTOR INSTALL	OWNER FURNISH	OWNER INSTALL
ACCESS CONTROL WIRING ROUGH-IN	YES	YES	NO	NO
ACCESS CONTROL CARD READERS AND EQUIPMENT	YES	YES	NO	NO
INTRUSION DETECTION RECESSED DOOR CONTACTS	YES	YES	NO	NO
DOOR CONTACT & ELECTRONIC DOOR RELEASE WIRING	YES	YES	NO	NO
PHONE SETS OR PROGRAMMING	N/A	N/A	YES	YES
PAGING / INTERCOM SPEAKERS	N/A	N/A	N/A	N/A
PAGING / INTERCOM WIRING	N/A	N/A	N/A	N/A
AV MONITORS	YES	YES	NO	NO
AV MONITOR MOUNTS	YES	YES	NO	NO
AV MONITORS MISC. CABLING (IN WALL)	YES	YES	NO	NO
MONITOR SOUND BAR	YES	YES	NO	NO
AV MONITOR PATCH CABLES	YES	YES	NO	NO
DIGITAL CONSUMER GRADE CLOCKS	YES	YES	N/A	N/A
FIBER BACKBONE	YES	YES	NO	NO
FIBER TERM AND TEST	YES	YES	NO	NO
FIBER ENCLOSURE WITH LC COUPLER PANEL	YES	YES	NO	NO
NETWORK EQUIPMENT (SWITCHES OR UPS)	NO	YES	YES	NO
NETWORK SFP	NO	YES	YES	NO
IDF WALL MOUNT CABINET	YES	YES	NO	NO
CLASSROOM SOUND REINFORCEMENT	NO	NO	NO	NO
SURVEILLANCE CAMERAS	YES	YES	NO	NO
SURVEILLANCE CAMERAS CAT6 CABLING	YES	YES	NO	NO
WIRELESS ACCESS POINTS	YES	NO	YES	YES
WIRELESS ACCESS POINTS CAT6 CABLING	YES	YES	NO	NO

2
N.T.S.

CONTRACTOR - OWNER RESPONSIBILITY



CONDUIT SLEEVES DETAIL
NO SCALE

CONVOCATION CENTER EXPANSION

1937 EDISON DRIVE
PIQUA, OHIO 45653

EDISON STATE
COMMUNITY COLLEGE

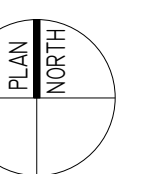
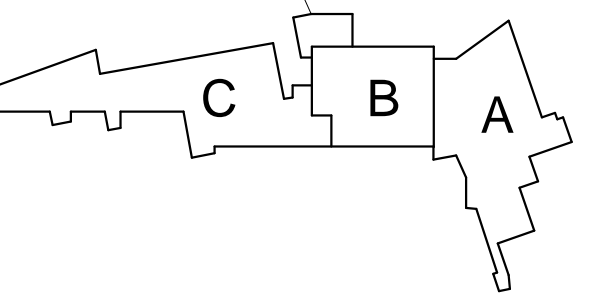


ARCHITECT



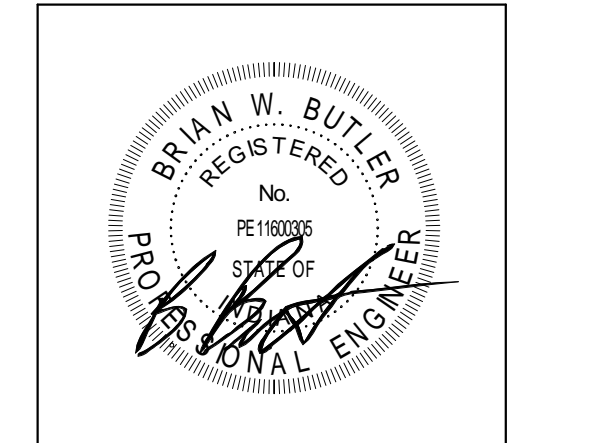
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ADDITION



KEY PLAN

CONSTRUCTION DEVELOPMENT

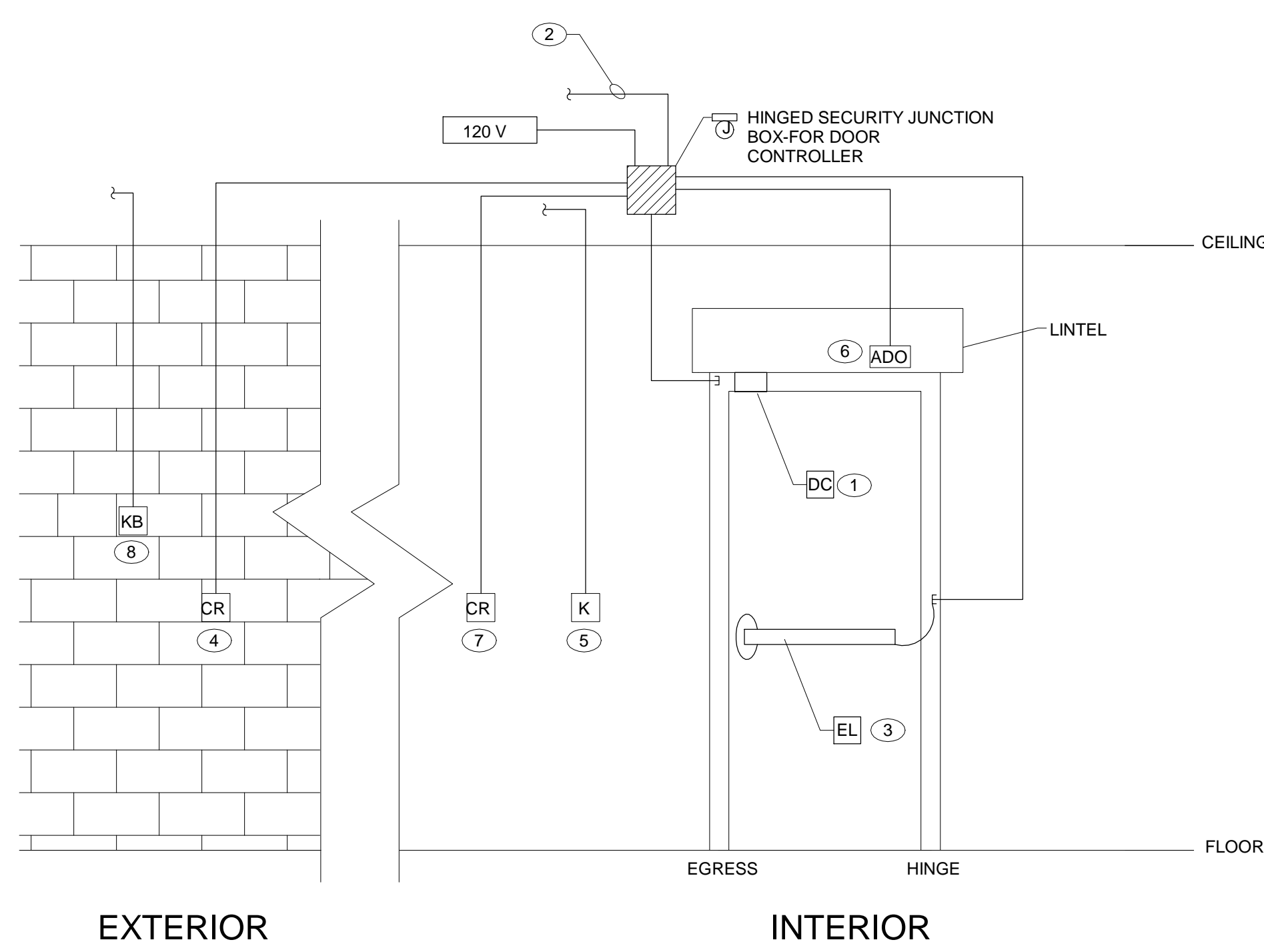


PROJECT MANAGER: MM
DRAWN BY: CDT
PROJECT NUMBER: 223193.00
PROJECT ISSUE DATE: 2.22.2024

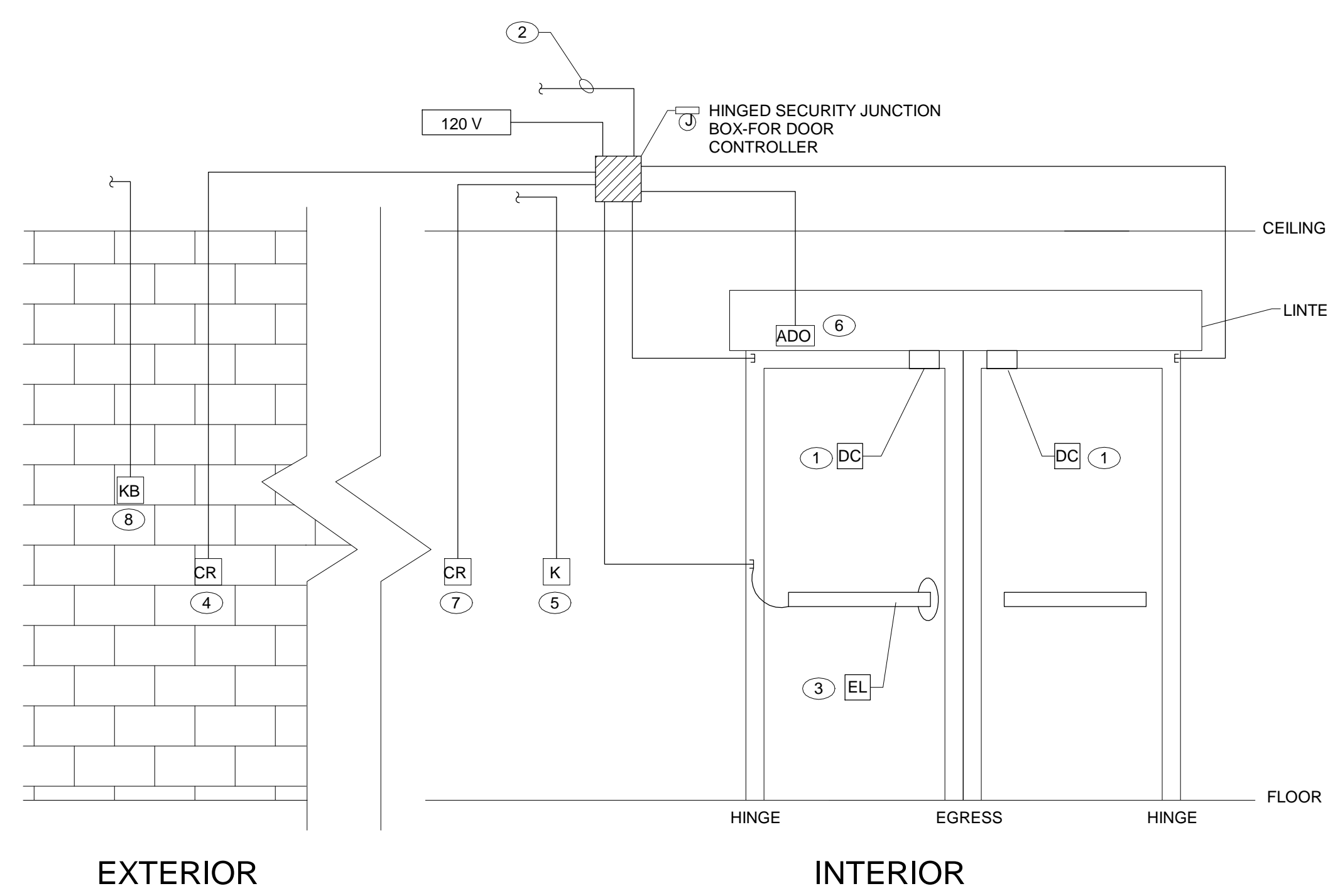
REV. NO.	DESCRIPTION	DATE

TECHNOLOGY DETAILS

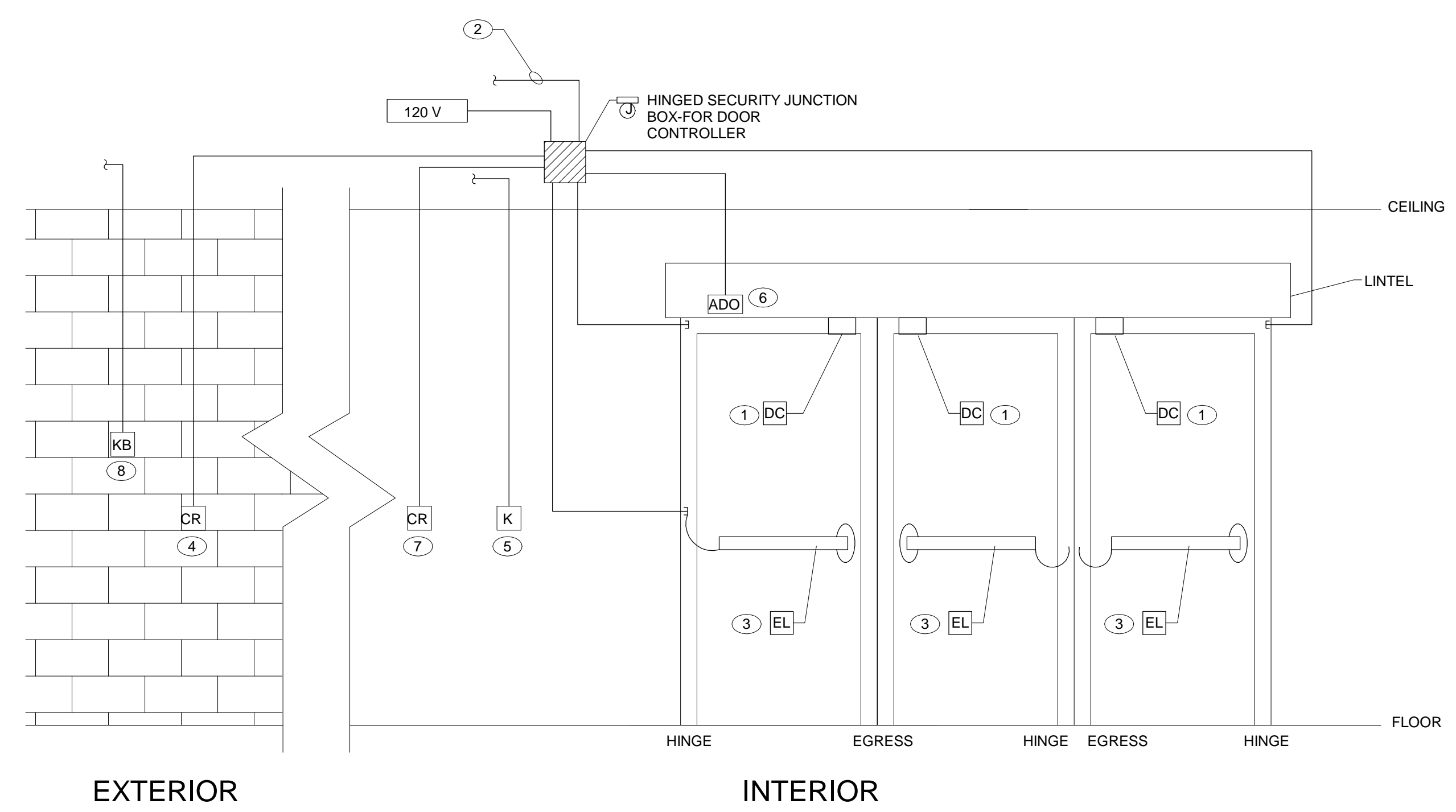
T1.02



SINGLE DOOR ENTRY



DOUBLE DOOR ENTRY



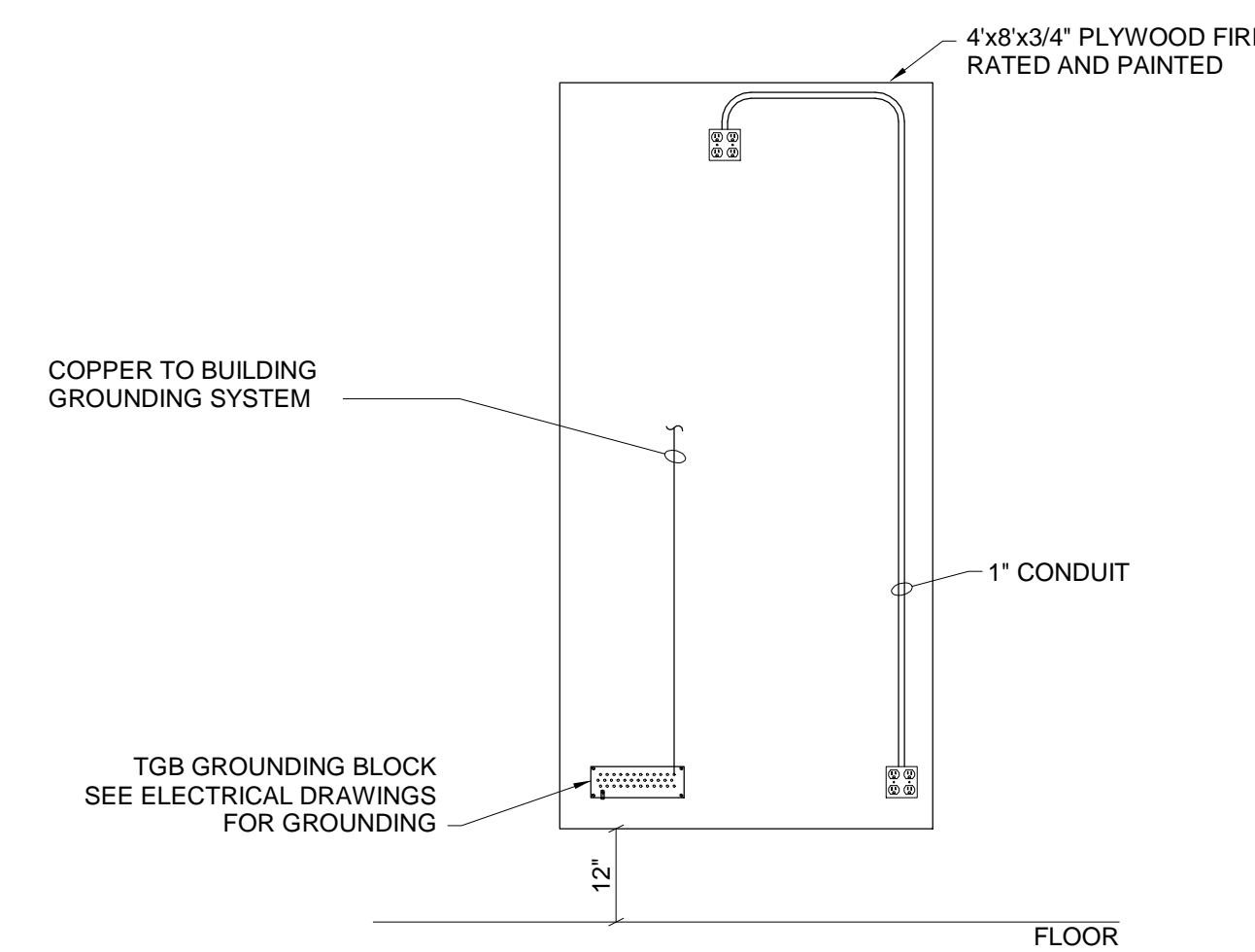
MULTIPLE DOOR ENTRY

NOTE: TYPICAL DOOR WIRING DETAILS BY THE SECURITY SYSTEM CONTRACTOR. REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND DOOR CONFIGURATIONS

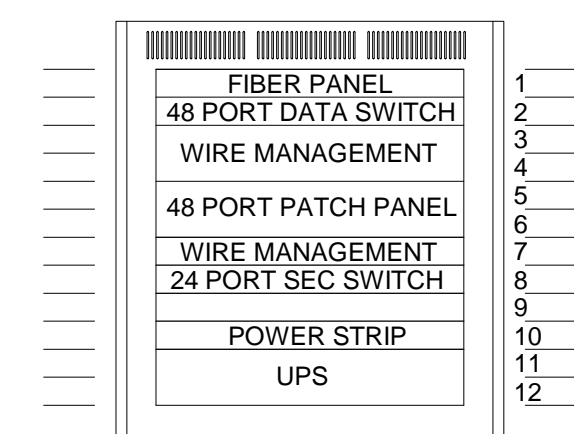
DOOR SECURITY WIRING LEGEND

- 1 PROVIDE 22/2 AWG FOR DOOR CONTACT TO HINGED SECURITY JUNCTION BOX.
- 2 PROVIDE 4PR UTP FROM HINGED SECURITY JUNCTION BOX TO NEAREST TR OR MC/ER.
- 3 PROVIDE 18/6 AWG FOR POWER TRANSFER/ELECTRIC LATCH & REQUEST FOR EXIT MICRO SWITCH TO HINGED SECURITY JUNCTION BOX.
- 4 PROVIDE 22/6 AWG FOR CARD READER TO HINGED SECURITY JUNCTION BOX.
- 5 PROVIDE 22/6 AWG FOR KEYPAD TO NEAREST TR OR MC/ER.
- 6 PROVIDE 22/4 AWG FROM ADO OPERATOR TO HINGED SECURITY JUNCTION BOX.
- 7 PROVIDE 22/6 AWG FOR CARD READER TO HINGED SECURITY JUNCTION BOX. INTERFACE CARD READER WITH INTRUSION DETECTION SYSTEM TO DISABLE ALARM SYSTEM.
- 8 PROVIDE 22/2 AWG FROM FIRE DEPARTMENT KNOX BOX TO SECURITY SYSTEM IN THE NEAREST TR.

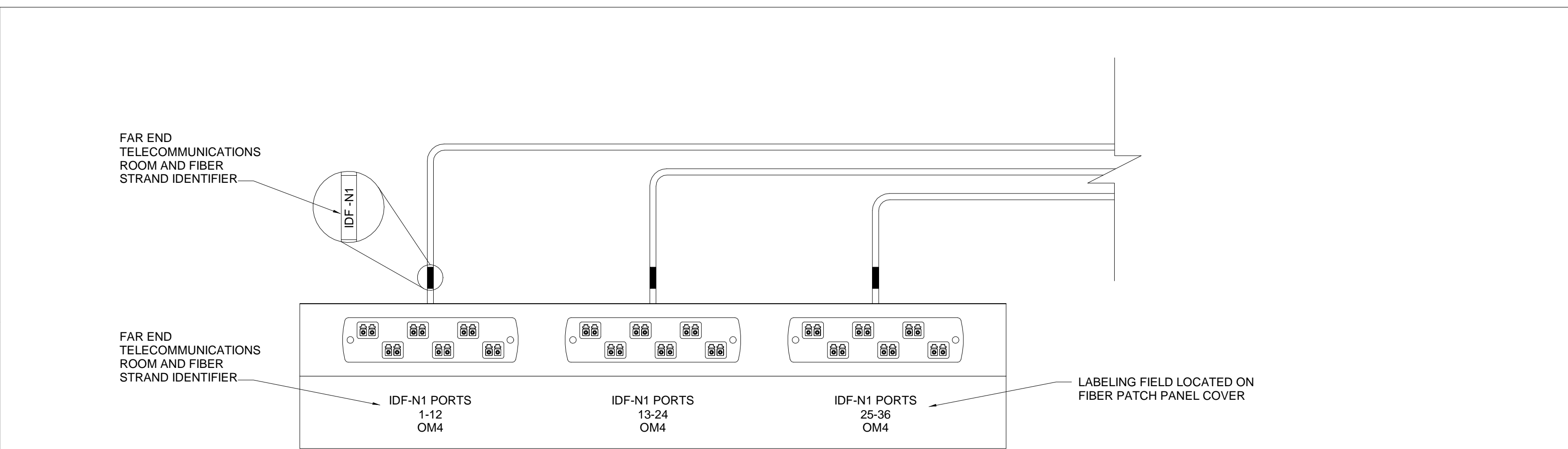
2 DOOR SECURITY HARDWARE WIRING DETAILS
N.T.S.



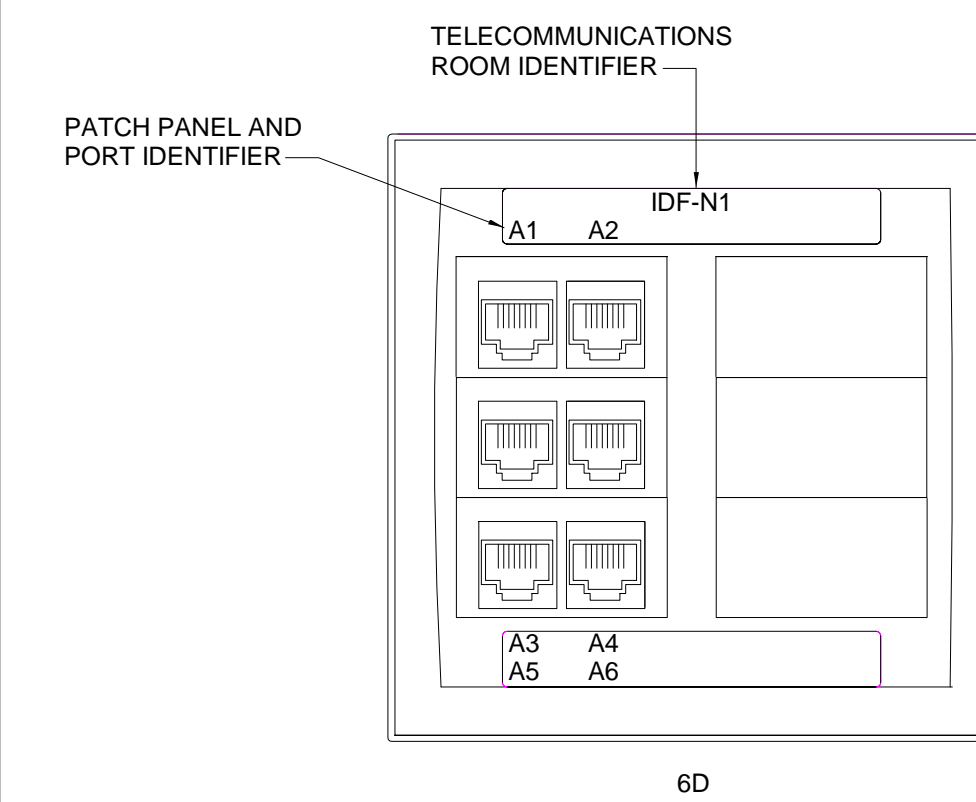
5 TR TERMINATION BOARD
N.T.S.



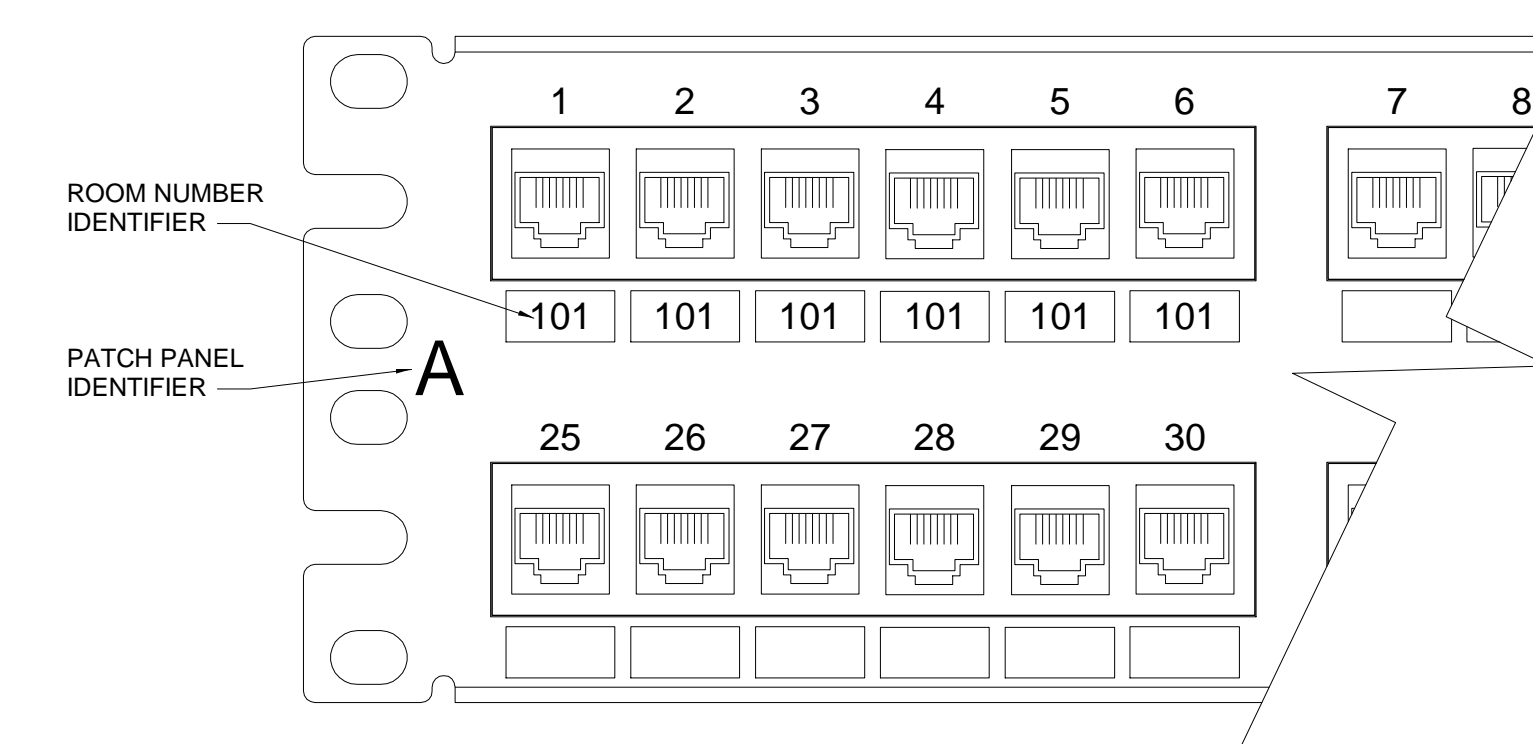
4 WALL MOUNT DATA CABINET LAYOUT
N.T.S.



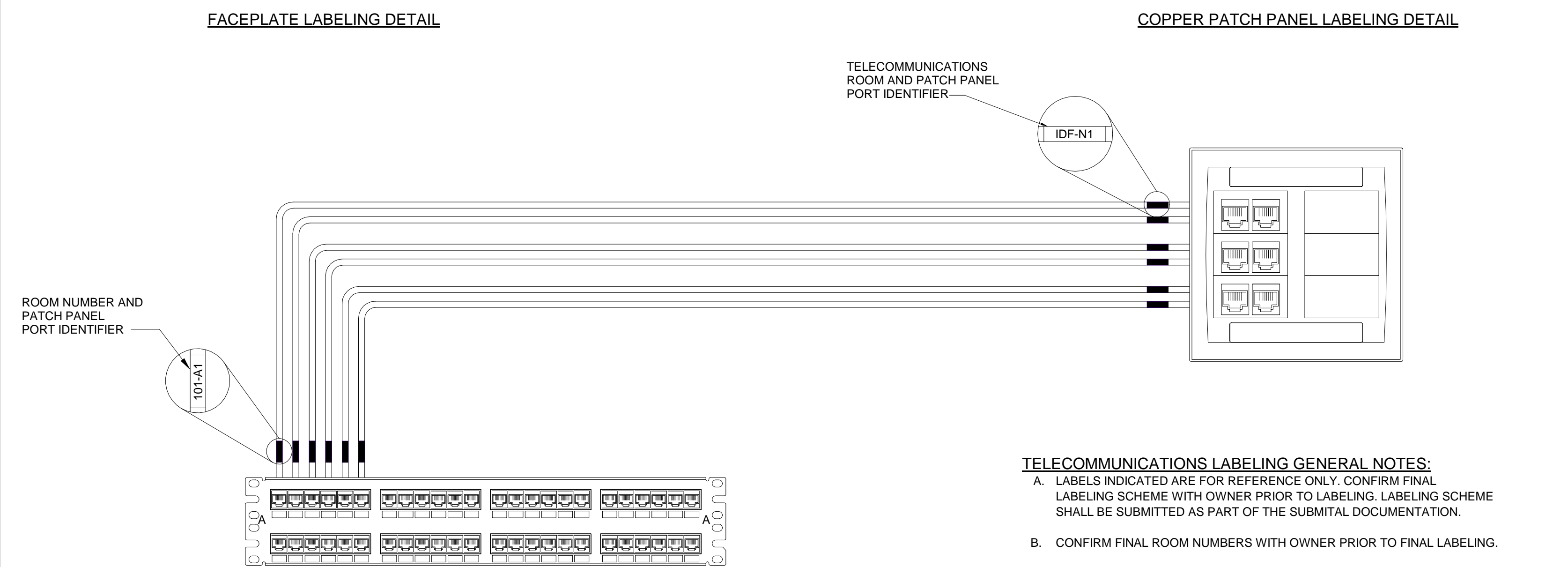
FIBER OPTIC LABELING DETAIL



FACEPLATE LABELING DETAIL



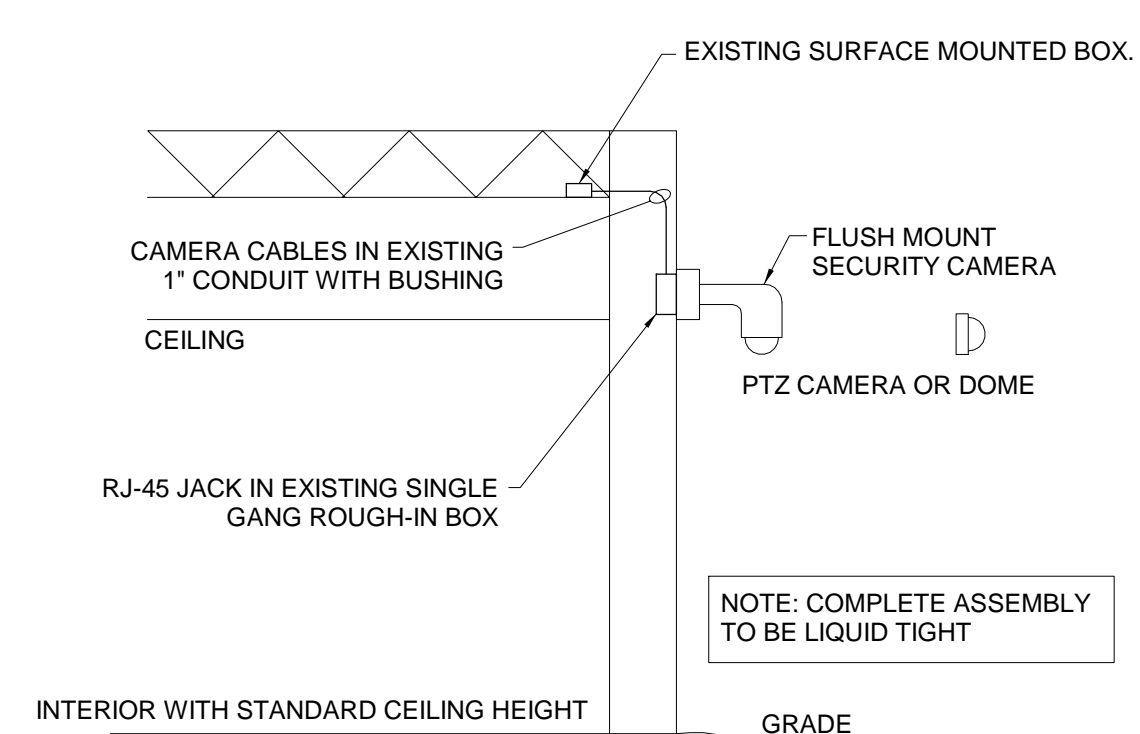
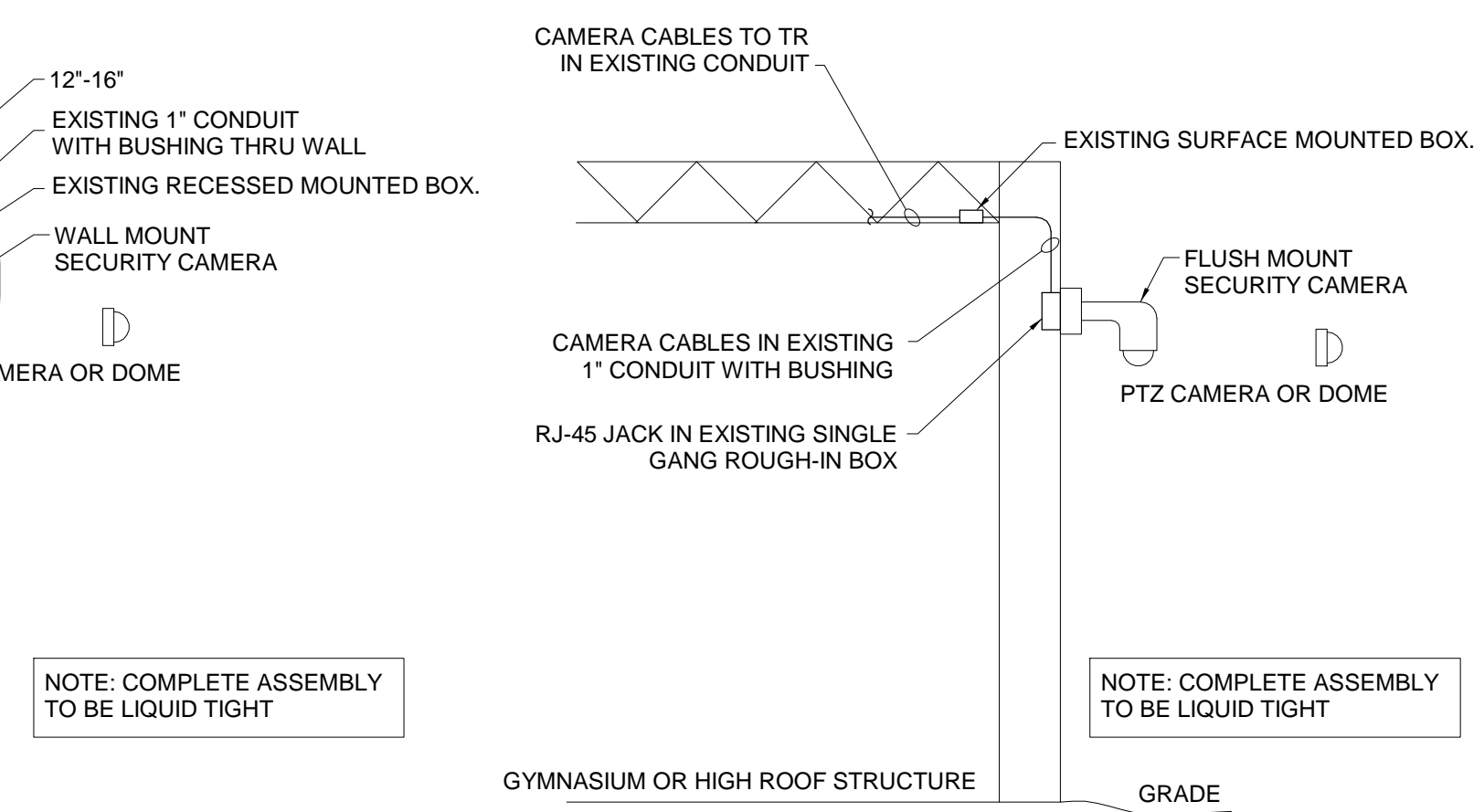
COPPER PATCH PANEL LABELING DETAIL



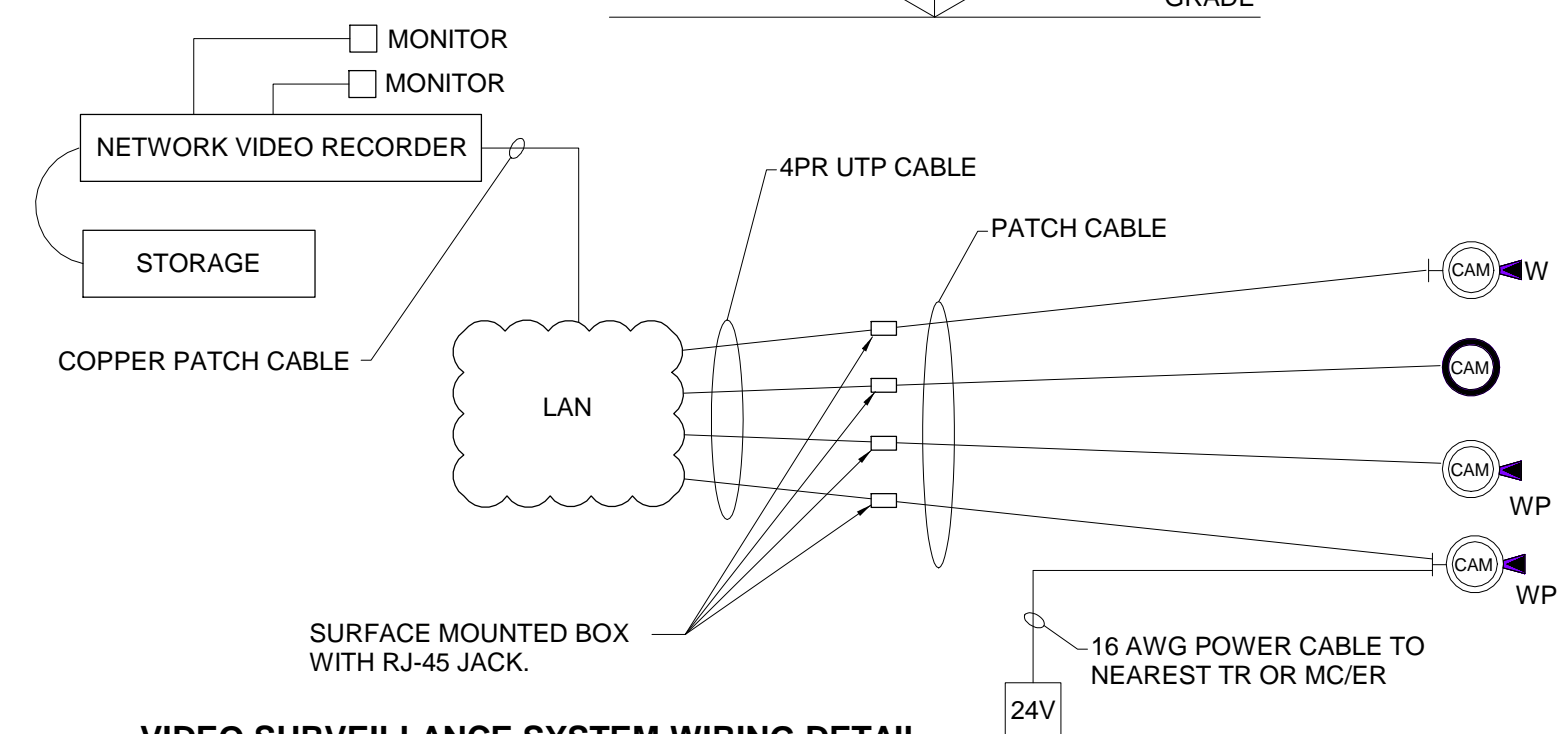
3 LABELING DETAILS
N.T.S.

HORIZONTAL DATA CABLE LABELING DETAIL

TELECOMMUNICATIONS LABELING GENERAL NOTES:
A. LABELS INDICATED ARE FOR REFERENCE ONLY. CONFIRM FINAL LABELING SCHEME WITH OWNER PRIOR TO LABELING. LABELING SCHEME SHALL BE SUBMITTED AS PART OF THE SUBMITTAL DOCUMENTATION.
B. CONFIRM FINAL ROOM NUMBERS WITH OWNER PRIOR TO FINAL LABELING.
C. QUANTITY OF CABLES AND CONNECTOR TYPES ARE FOR REFERENCE ONLY. REFER TO SPECIFICATIONS AND RISER DIAGRAM FOR EXACT QUANTITIES AND CONNECTOR TYPE.

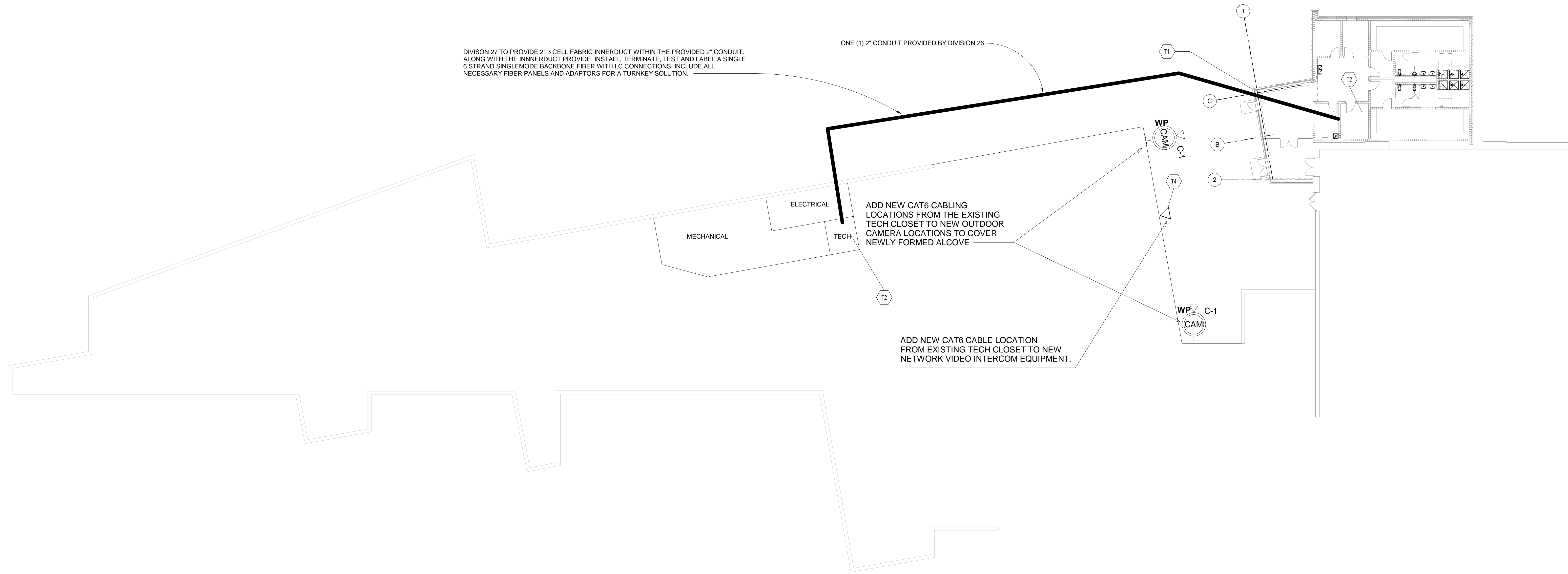


1 VIDEO SURVEILLANCE SYSTEM WIRING DETAIL
N.T.S.



TECHNOLOGY PLAN NOTES

- T1 REVIEW E2.01 ELECTRICAL SITE PLAN FOR MORE DETAILS.
- T2 LOCATION OF TV/ TELECOMMUNICATION EQUIPMENT ROOM WITH RACK(S), CABINET(S), SWITCHES AND UPS ETC. LOCATIONS ARE TO BE AXIS 18116-E.
- T4 NETWORK VIDEO INTERCOM PIECES.



OVERALL FIRST FLOOR TECHNOLOGY PLAN

1
N.T.S.

CONVOCATION CENTER EXPANSION

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EDISON STATE
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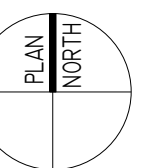
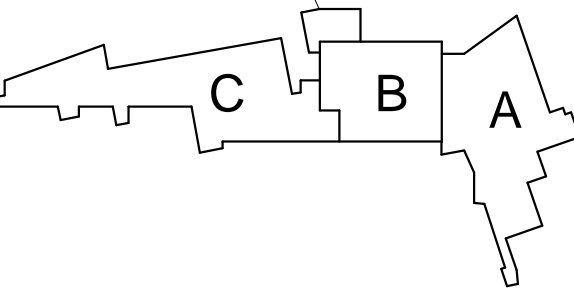


ARCHITECT



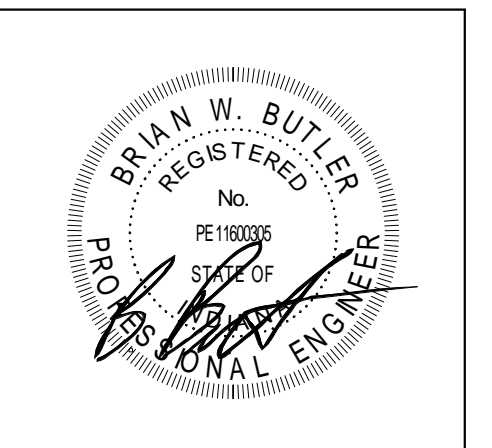
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PROJECT MANAGER: MM
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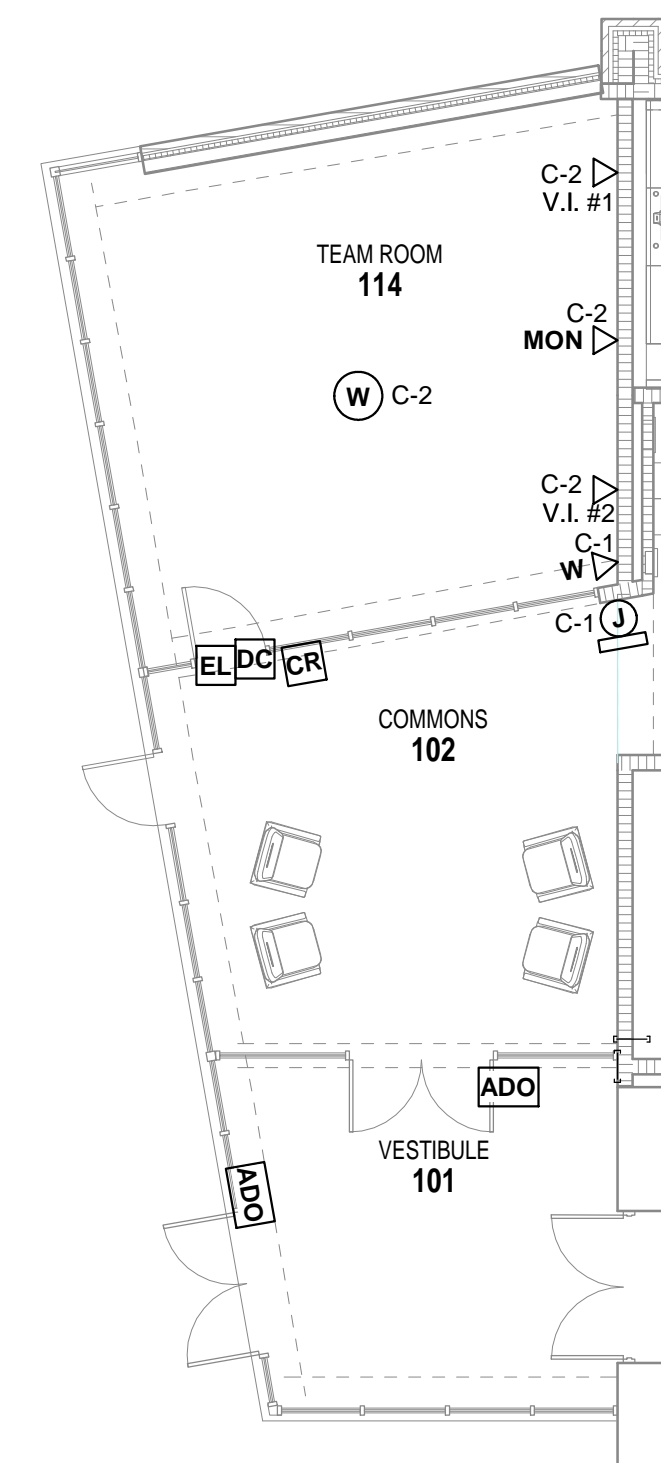
TECHNOLOGY SITE PLAN

T2.01

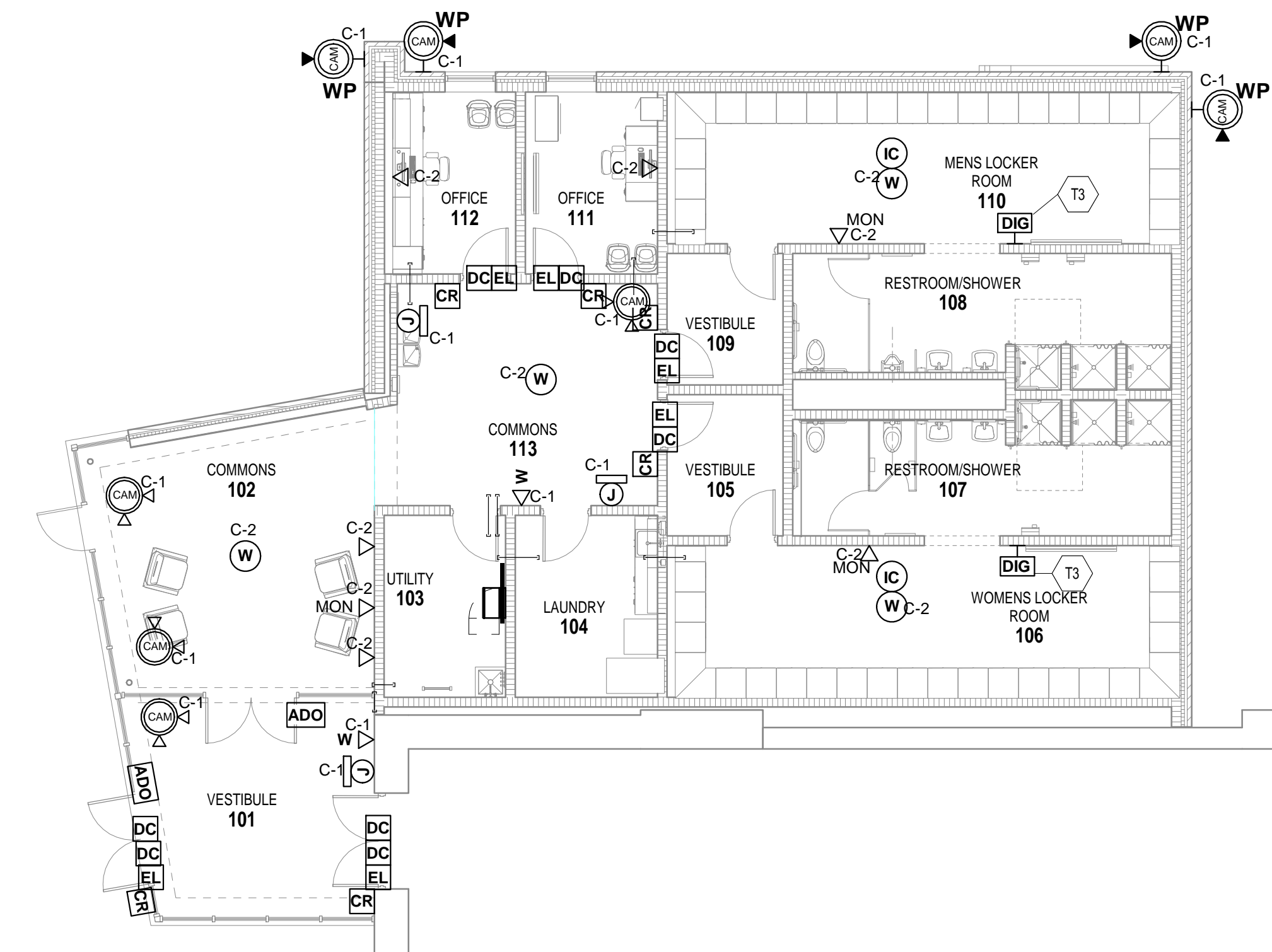
ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)

TECHNOLOGY PLAN NOTES

T3 DIGITAL CLOCKS SHOWN ARE WALL MOUNT CONSUMER TYPE BATTERY CLOCKS. NO EXISTING CLOCK SYSTEM IS IN PLACE.



FIRST FLOOR TECHNOLOGY PLAN ALTERNATE
SCALE: 1/8" = 1'-0"



FIRST FLOOR TECHNOLOGY PLAN
SCALE: 1/8" = 1'-0"

CONVOCATION CENTER EXPANSION

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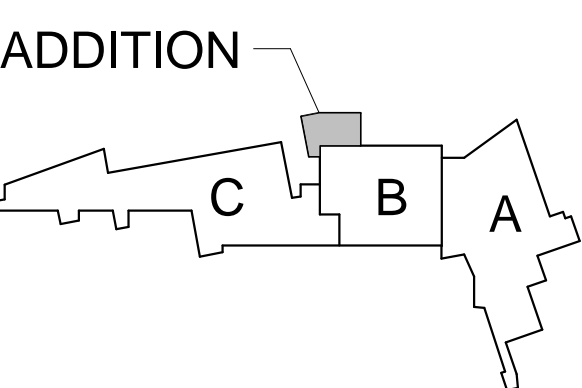
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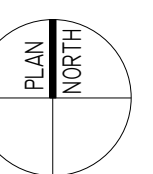
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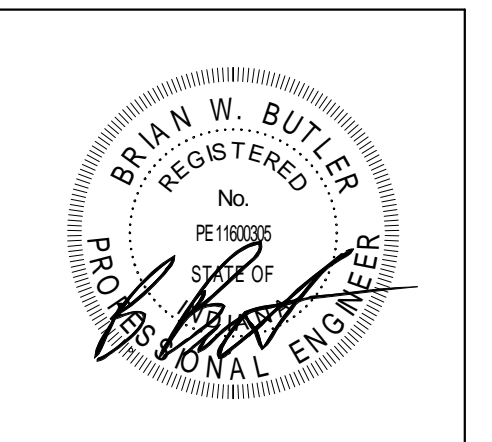
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KEY PLAN



CONSTRUCTION DEVELOPMENT



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FIRST FLOOR TECHNOLOGY PLAN

T3.01