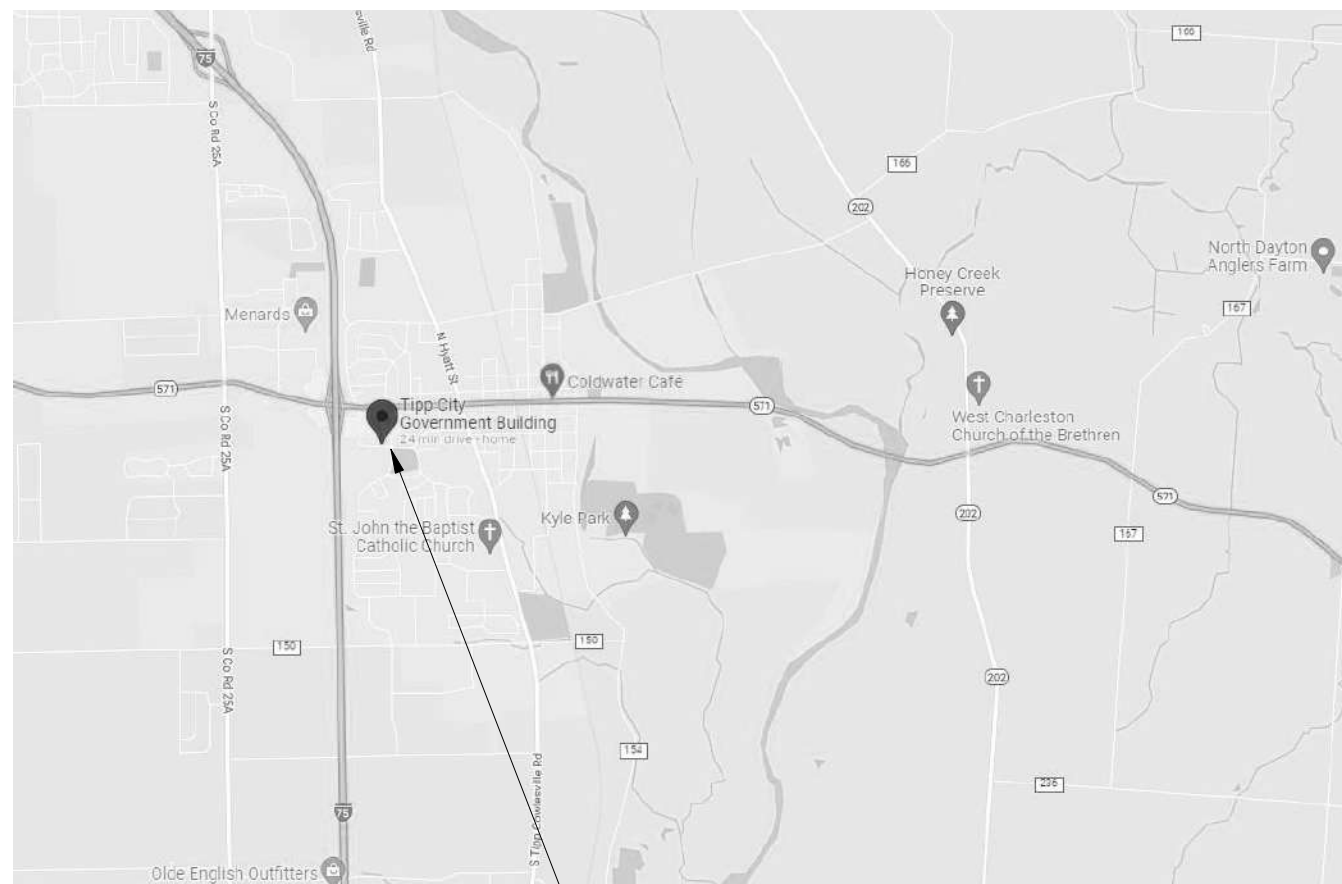


TIPP CITY GOVERNMENT BUILDING INFILL

280 SOUTH GARBER DRIVE, TIPP CITY, OHIO 45371

BID DOCUMENTS

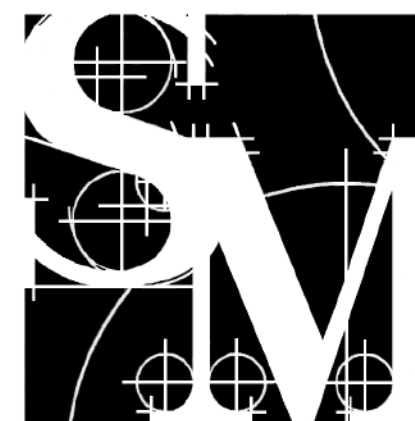
02/02/2023



SITE



280 SOUTH GARBER DRIVE, TIPP CITY, OHIO



SHELL+MEYER
ASSOCIATES INC
STRUCTURAL ENGINEERS
2202 S PATTERSON BLVD
DAYTON, OH 45409.1930
PH.937.298.4631
FAX.937.298.5732
EMAIL@SHELLANDMEYER.COM

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



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

555 METRO PLACE NORTH
SUITE 320 DUBLIN, OHIO 43017
614.502.4240

2 WEST MAIN STREET
CARMEL, INDIANA 46032
317.343.9343

SHEET INDEX

GENERAL / CIVIL / LANDSCAPE / ARCHITECTURAL / FOOD SERVICE / STRUCTURAL

SHEET NUMBER	SHEET NAME
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G1.0	CODE PLAN
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C1.1	GENERAL NOTES
C1.2	GENERAL NOTES AND DETAILS SHEET
C1.3	GENERAL DETAILS
C2.1	UTILITY PLAN
C3.1	GRADING PLAN
L1.1	SITE DEMOLITION AND LAYOUT/MATERIALS PLAN
L2.1	SITE DETAILS
A0.1	GENERAL NOTES, ABBREVIATIONS AND SYMBOLS
A0.2	TYPICAL DETAILS
AD1.1	FIRST FLOOR DEMOLITION PLAN
AD5.1	ROOF DEMOLITION PLAN / DETAILS
AD7.1	FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN
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A1.2	SECOND FLOOR PLAN
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A4.1	WALL SECTIONS
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A5.1	ROOF PLAN
A6.1	DOOR SCHEDULE AND DETAILS
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P1.1	GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SHEET INDEX
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ED1.1	ELECTRICAL DEMOLITION PLAN
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E5.2	MEZZANINE ELECTRICAL PLANS
E6.1	LUMINAIRE SCHEDULE
E7.1	ELECTRICAL ONE-LINE DIAGRAM & PANEL SCHEDULES



ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2023



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TIPP CITY GOVERNMENT BUILDING INFILL

280 SOUTH GARBER DRIVE, TIPP CITY, OHIO 45371

ISSUANCES/REVISIONS

BID DOCUMENTS 02/02/2023

PROJECT NUMBER: 22094.00
DRAWN BY: MDB
CHECKED BY: LKL

SHEET TITLE:

COVER SHEET

SHEET NUMBER:

G0.1

CODE INFORMATION

BUILDING DESCRIPTION: NEW BUILDING INFILL ADDITION TO EXISTING TIPP CITY GOVERNMENT BUILDING AND TWO OFFICE RENOVATIONS

APPLICABLE CODE: 2017 OHIO BUILDING CODE

DESIGN OCCUPANT LOAD (FOR BUILDING ADDITION)
TOTAL: 17 OCCUPANTS

NUMBER OF EXITS (FOR BUILDING ADDITION)
REQUIRED: 2
ACTUAL: 3

MEANS OF EGRESS CAPACITY FACTOR
0.15" PER OCCUPANT (PER 1005.3.2 EXCEPTION #1)

DESIGN UNIFORM LOAD: SEE STRUCTURAL SHEETS

OCCUPANCY AREA A-3 (EXISTING)

CONSTRUCTION TYPE: TYPE 3B

ALLOWABLE AREA (TABLE 506.2): 38,000 SF

BUILDING FRONTAGE AREA INCREASE (TABLE 506.3): NOT APPLICABLE

TOTAL ALLOWABLE AREA: 38,000 SF

ACTUAL BUILDING AREA: 13,716 SF

OCCUPANCY AREA I-3 (EXISTING)

CONSTRUCTION TYPE: TYPE 3B

ALLOWABLE AREA (TABLE 506.2): 30,000 SF

BUILDING FRONTAGE AREA INCREASE (TABLE 506.3): NOT APPLICABLE

TOTAL ALLOWABLE AREA: 30,000 SF

ACTUAL BUILDING AREA: 1,279 SF

OCCUPANCY AREA S-2 (EXISTING)

CONSTRUCTION TYPE: TYPE 3B

ALLOWABLE AREA (TABLE 506.2): 104,000 SF

BUILDING FRONTAGE AREA INCREASE (TABLE 506.3): NOT APPLICABLE

TOTAL ALLOWABLE AREA: 104,000 SF

ACTUAL BUILDING AREA: 1,646 SF

OCCUPANCY AREA B (EXISTING AND NEW)

CONSTRUCTION TYPE: TYPE 3B

ALLOWABLE AREA (TABLE 506.2): 76,000 SF

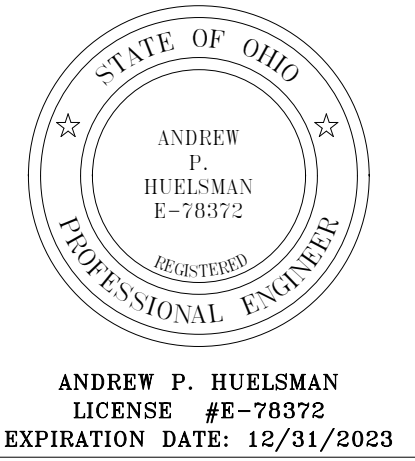
BUILDING FRONTAGE AREA INCREASE (TABLE 506.3): NOT APPLICABLE

TOTAL ALLOWABLE AREA: 76,000 SF

ACTUAL BUILDING AREA: 10,420 SF
EXISTING BUILDING AREA: 7,671 SF
NEW BUILDING AREA: 2,749 SF

OCCUPANCY TABULATION PER 2017 OBC TABLE 1004.1.2 - L1

ROOM NUMBER	NAME	AREA (GROSS)	AREA (NET)	OCCUPANT LOAD FACTOR	OCCUPANTS
A101	CORRIDOR	456 SF	456 SF	0	
A102	STORAGE	860 SF	860 SF	300	3
A103	RESTROOM	54 SF	54 SF	0	
A104	SERVER ROOM	506 SF	506 SF	300	2
A105	IT OFFICE	432 SF	432 SF	100	5
A106	CORRIDOR	79 SF	79 SF	0	
A107	OFFICE	161 SF	161 SF	100	2
A108	OFFICE	166 SF	166 SF	100	2
A201	STORAGE	884 SF	884 SF	300	3
					17



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TIPP CITY GOVERNMENT BUILDING INFILL

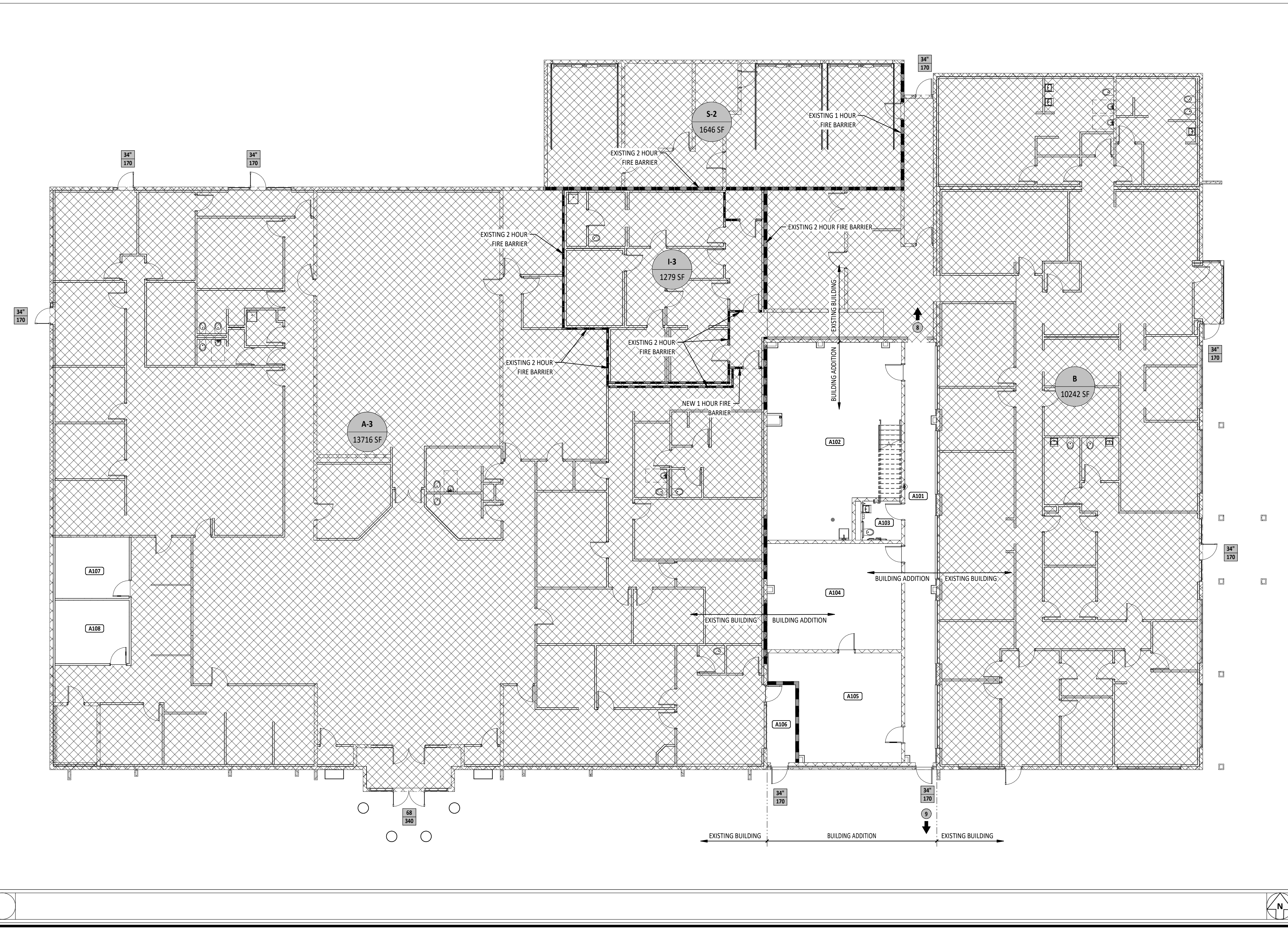
ISSUANCES/REVISIONS

BID DOCUMENTS	02/02/2023
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PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	Author	Checker

SHEET TITLE:
CODE PLAN

SHEET NUMBER:
G1.0



CODE PLAN LEGEND

- ⊙ → OCCUPANT LOAD THROUGH EXIT
- XX' → CLEAR EXIT WIDTH
- XXX → ALLOWABLE NUMBER OF OCCUPANTS THROUGH EXIT

OCCUPANCY GROUPS USED

- A ASSEMBLY
- B BUSINESS
- I INSTITUTIONAL
- S STORAGE

- ▬ 1 HOUR FIRE BARRIER (1FB)
- ▬ 2 HOUR FIRE BARRIER (2FB)

UTILITY STATEMENT

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

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

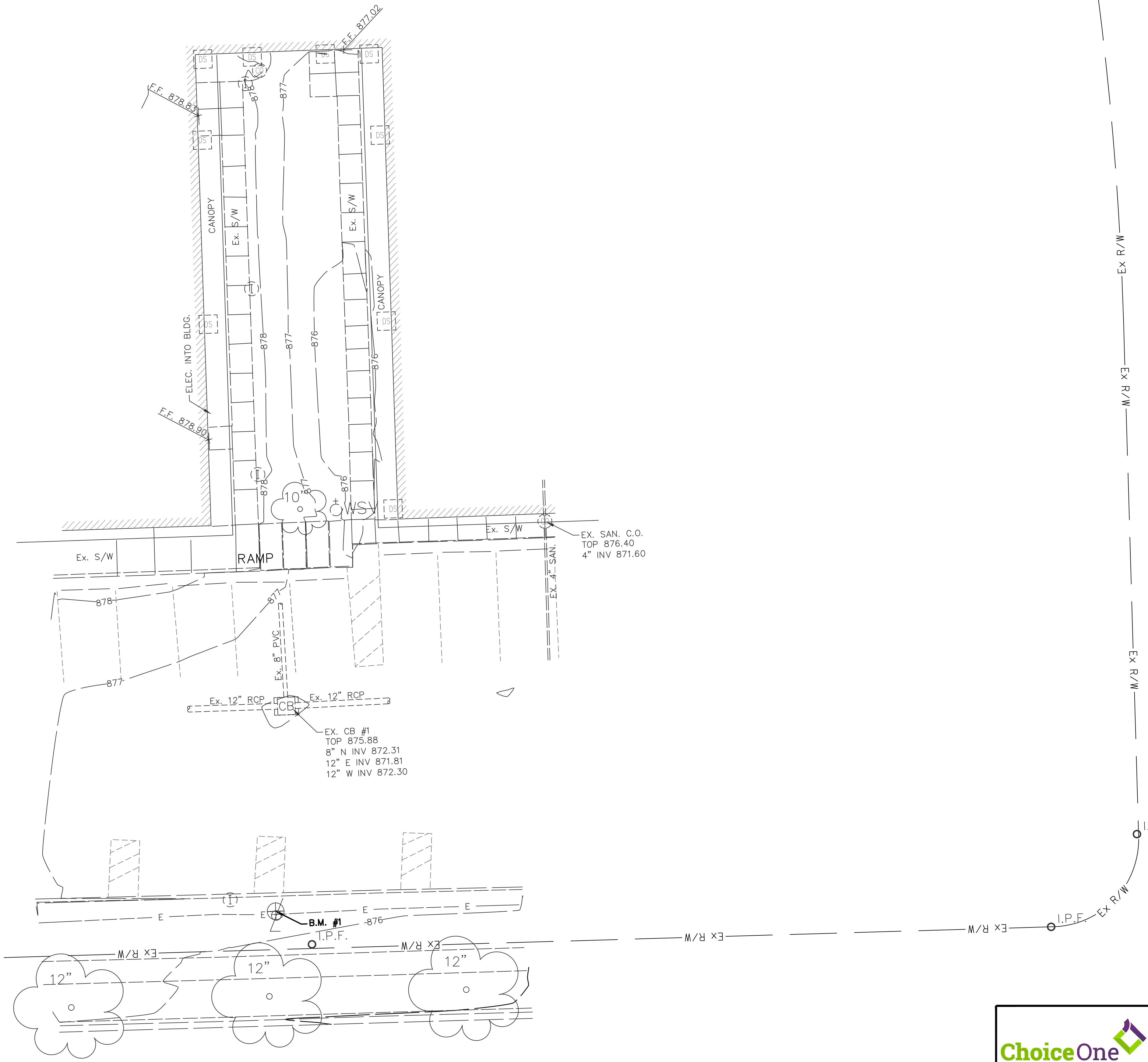


PRELIMINARY
NOT FOR
CONSTRUCTION



LEGEND

- 985— EXISTING CONTOURS
- I.P.F. IRON PIN FOUND
- △ TRAVERSE POINT
- ☼ CONIFEROUS SHRUBS
SIZE ON DRAWING
- ☼ DECIDUOUS TREE
SIZE ON DRAWING
- ☼ CONIFEROUS TREE
SIZE ON DRAWING
- ▽ EXISTING FLAG POLE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING TELEPHONE POLE
- EXISTING GUY ANCHOR
- E— EXISTING UNDERGROUND ELECTRIC LINE
- O.H.U— EXISTING OVER HEAD UTILITY
- EXISTING ELECTRICAL OUTLET
- EXISTING PULL BOX
- ELECTRICAL RISER
- EXISTING ELECTRICAL MANHOLE
- EXISTING ELECTRICAL METER
- EXISTING ELECTRIC TRANSFORMER
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- W— EXISTING WATER MAIN
- EXISTING CLEANOUT
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY
- EXISTING MONITORING WELL
- EXISTING WELL
- EXISTING WATER MANHOLE
- EXISTING WATER INDICATOR POST VALVE
- EXISTING ROUND CATCH BASIN
- EXISTING CATCH BASIN
- EXISTING DOWN SPOUT
- EXISTING STORM MANHOLE
- EXISTING STORM
- G— EXISTING GAS LINE
- +G EXISTING GAS MARKER
- EXISTING GAS VALVE
- EXISTING GAS REGULATOR
- EXISTING GAS METER
- EXISTING FILL PORT
- +T EXISTING TELEPHONE MARKER
- T— EXISTING UNDERGROUND TELEPHONE
- EXISTING CABLE RISER
- +C EXISTING CABLE MARKER
- EXISTING 1-POST SIGN
- EXISTING 2-POST SIGN
- EXISTING POST
- EXISTING HANDICAP SYMBOL
- SOIL BORING
- EXISTING FLOOD LIGHT
- EXISTING ROCK
- EXISTING WALL
- O.H.T— EXISTING OVERHEAD TELEPHONE
- O.H.E— EXISTING OVERHEAD ELECTRIC
- 1025— INDEX CONTOUR
- 1024— INTERMEDIATE CONTOUR
- X—X— EXISTING FENCE
- BRUSH LINE



TIPP CITY GOVERNMENT
BUILDING INFILL

ISSUANCES/REVISIONS	
SITE SURVEY COMPLETION	10/20/2022

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	AJB	AJB

SHEET TITLE:
SITE SURVEY

SHEET NUMBER:
SS1.1



REVIEW OF DRAINAGE FACILITIES

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

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

MODIFICATIONS

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

RESTORATION

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

MISCELLANEOUS

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

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

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

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

GRAFFITI AND VANDALISM

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL WORK/ITEMS, INCLUDING ANY CONCRETE WORK, UNDER THIS CONTRACT WHICH IS DEEMED UNACCEPTABLE BY THE OWNER'S REPRESENTATIVE DUE TO GRAFFITI OR VANDALISM DAMAGE.

OWNER COORDINATION NOTES

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

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

ITEM 611 SANITARY SEWER, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 611, PIPE CULVERTS, SEWERS AND DRAINS, EXCEPT AS HEREIN MODIFIED.

THIS WORK SHALL CONSIST OF EXCAVATION, STRUCTURAL BEDDING AND INSTALLATION OF THE NEW PVC SDR-35 SANITARY SEWER, INCLUDING ALL BEDDING, BACKFILL, COMPACTION OF BACKFILL (STRUCTURAL OR NATIVE) AND ALL TESTING PER THE PROJECT PLANS AND SPECIFICATIONS AND PER THE CITY OF TIPP CITY STANDARDS AND SPECIFICATIONS. THIS ITEM SHALL ALSO INCLUDE CONNECTION TO EXISTING SANITARY. ITEM SHALL ALSO INCLUDE DEWATERING NECESSARY FOR INSTALLATION OF SANITARY.

WHEN A NEW SANITARY SEWER MAIN CONNECTS TO AN EXISTING SEWER MAIN, A FERNCO COUPLING SHALL BE INSTALLED. THE COST OF THE COUPLING AND ASSOCIATED WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED SANITARY SEWER.

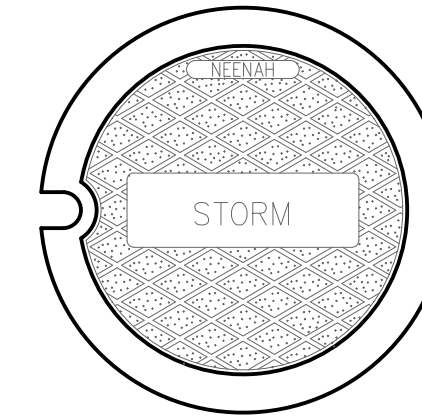
IF NEEDED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING SANITARY SEWER IN SERVICE DURING THE CONNECTION OF THE NEW SANITARY SEWER. CONTRACTOR MAY NEED TO PUMP EXISTING FLOW FROM MANHOLE TO NEXT DOWNSTREAM MANHOLE DURING CONSTRUCTION. CONTRACTOR IS TO HAVE ON SITE ONE SPARE PUMP AND NECESSARY PUMP LINE IN CASE OF EMERGENCY. THE CONTRACTOR SHALL COORDINATE WITH THE CITY/OWNER'S REPRESENTATIVE ON THE PROCEDURE THE CONTRACTOR WILL USE.

ALL SANITARY SYSTEM WORK, MATERIALS, PROCEDURES, INSTALLATION AND TESTING SHALL BE PER PER THE PROJECT PLANS AND SPECIFICATIONS AND PER CITY OF TIPP CITY STANDARDS AND SPECIFICATIONS.

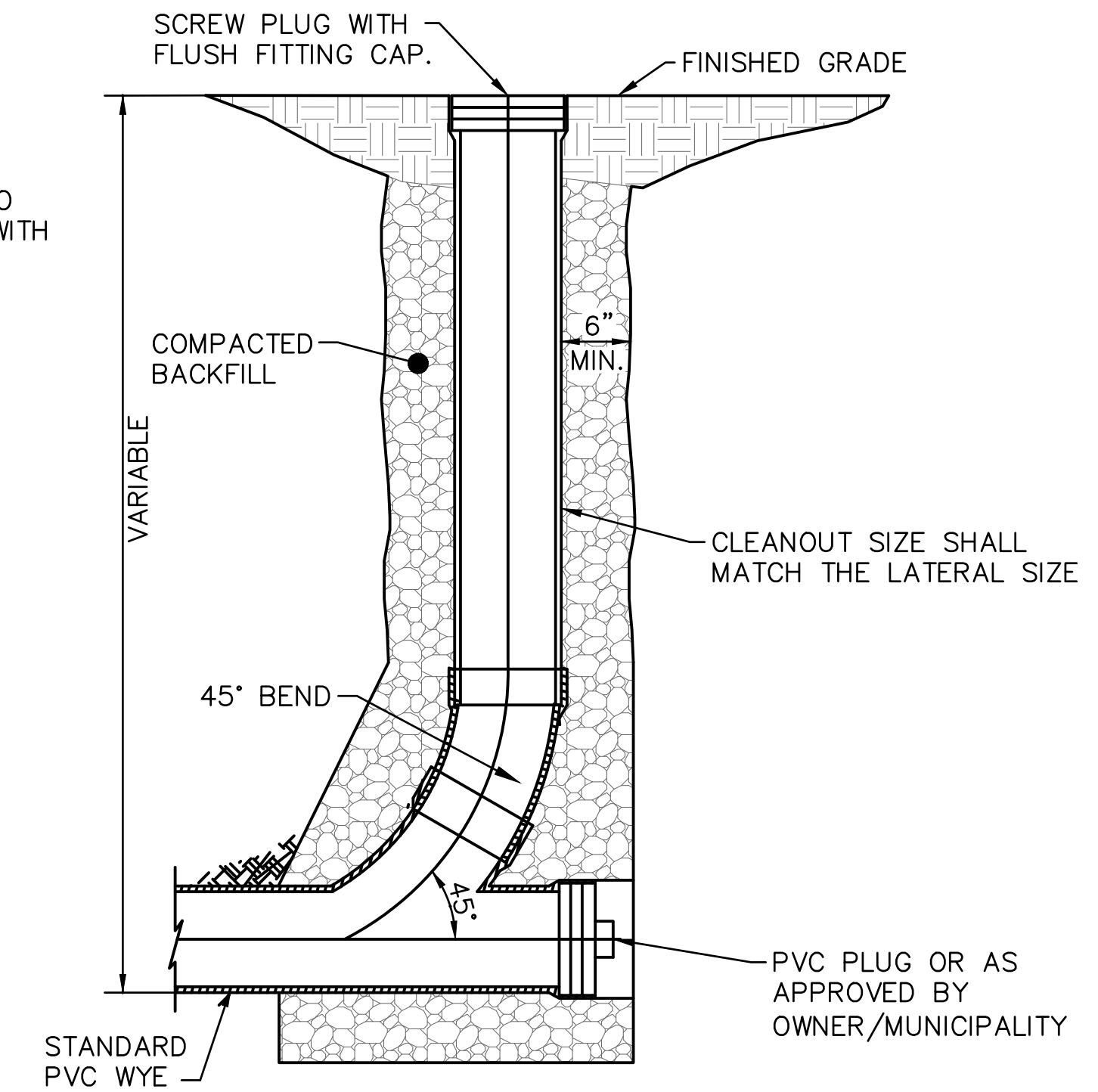
PAYMENT OF ITEM 611, SANITARY SEWER, AS PER PLAN, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE LUMP SUM BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

NOTES

- A. CLEANOUT REQUIRED AT ALL R/W OR EASEMENT LINES.
- B. CLEANOUT MATERIALS SHALL BE SCHEDULE 40 GLUED JOINTS OR SDR-35 PVC MATCHING THE LATERAL PIPE SIZE DIAMETER.
- C. CLEANOUT FRAME AND LID SHALL BE EQUAL TO NEENAH R-1976 OR EJIW 1578, HEAVY DUTY WITH THE LID MARKED "STORM"

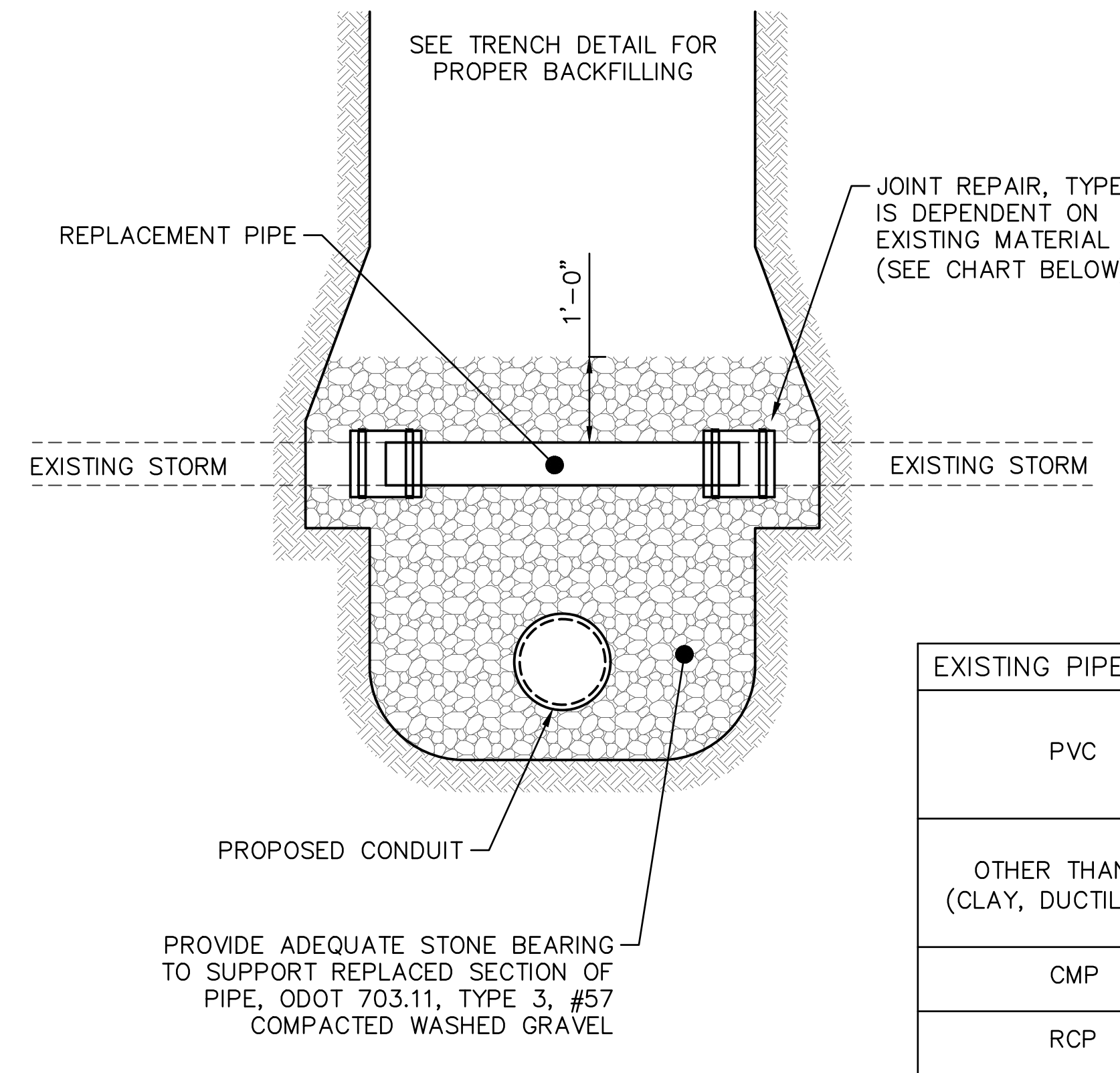


CLEANOUT LID
LID TO BE MARKED "STORM"



CLEANOUT (NON-PAVEMENT AREAS) DETAIL

STORM CLEANOUT DETAILS NTS

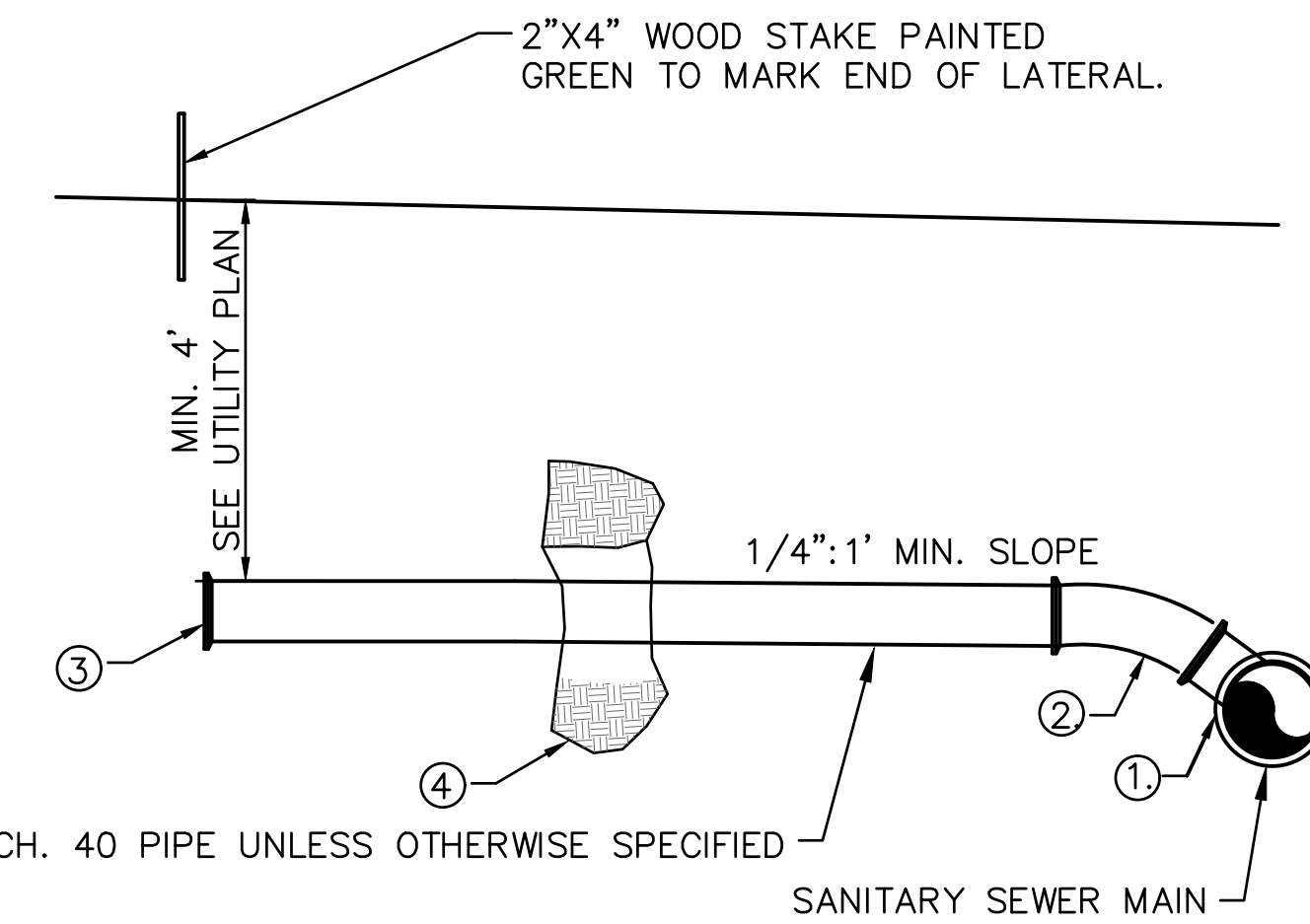


EXISTING PIPE MATERIAL	JOINT REPAIR
PVC	STAINLESS STEEL SOLID SLEEVE PLASTIC TO PLASTIC, PVC COUPLING ASTM D-3034/F-1336PSM OR EQUAL
OTHER THAN PVC (CLAY, DUCTILE, ETC.)	STAINLESS STEEL SOLID SLEEVE COUPLINGS WITH STAINLESS STEEL BANDS, EACH SIDE, OR EQUAL
CMP	CORRUGATED METAL PIPE COUPLING
RCP	CONCRETE COLLAR

NOTES

- A. CONCRETE REPAIRS OR PATCHES ARE UNACCEPTABLE.
- B. ANY DRAINAGE TILE DAMAGED BY THE CONTRACTOR MUST BE REPLACED BY THE CONTRACTOR TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL CONDITION. ANYTHING REMOVED, REPLACED, AND/OR CONNECTED TO THE STORM SEWER MUST BE NOTED ON THE AS-BUILT DRAWINGS AND MUST BE INSPECTED BY THE INSPECTOR BEFORE THEY ARE RECOVERED.
- C. ALL FIELD OR STORM DRAINS WHICH ARE ENCOUNTERED DURING CONSTRUCTION MUST BE PROVIDED WITH UNOBSTRUCTED OUTLETS OR PLUGGED AS APPROVED AND DIRECTED BY THE MUNICIPALITY.

REPAIR OF EXISTING FIELD TILE OR STORM PIPE DETAIL NTS



- ① TEE OR WYE—ROTATE 45° FROM HOR. UNLESS OTHERWISE SPECIFIED.
- ② 22½° OR 45° BEND AS NEEDED.
- ③ CAP UNLESS JOINING EXISTING SEWER LATERAL.
- ④ PIPE BEDDING (4" BELOW TO 8" ABOVE) SHALL BE PER ODOT 703.11 TYPE 3 (#57 OR #67 AGGREGATE).

SANITARY SERVICE LATERAL

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**TIPP CITY GOVERNMENT
BUILDING INFILL**

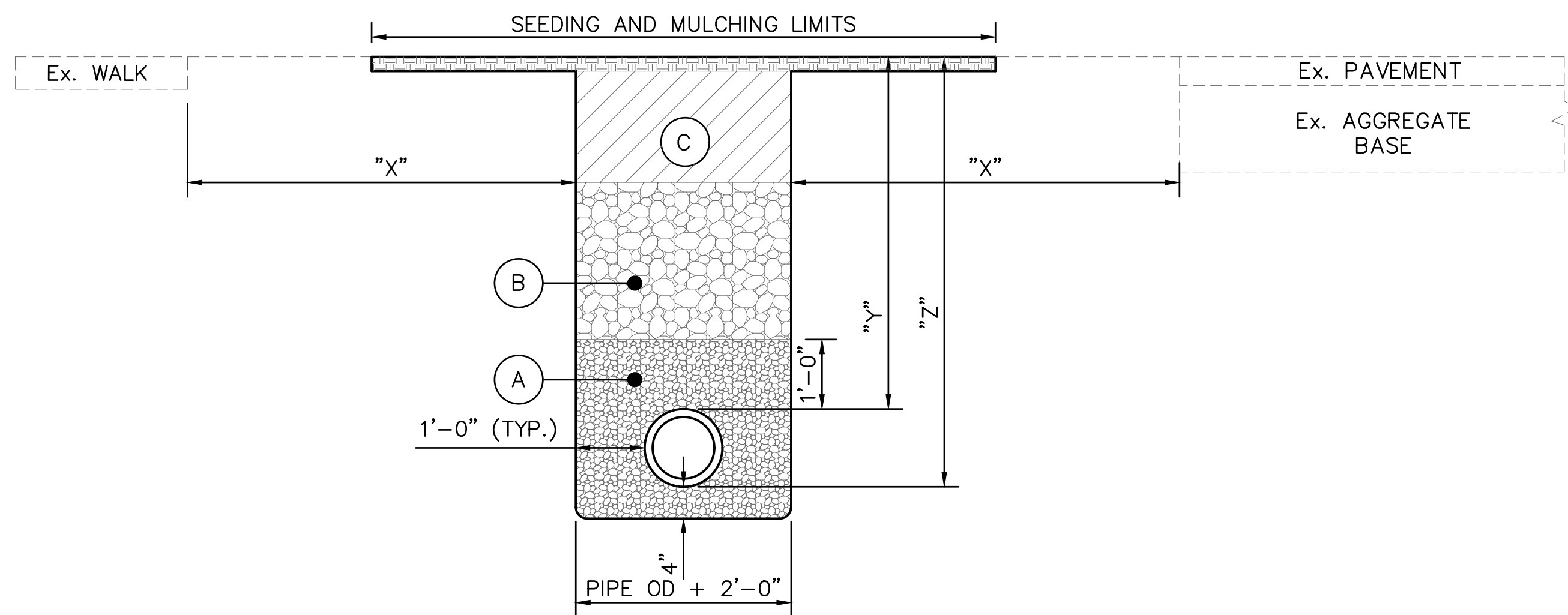
286 SOUTH GARBER DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	NJS	JSP

SHEET TITLE:
**GENERAL NOTES AND
DETAILS SHEET**

SHEET NUMBER:
C1.2

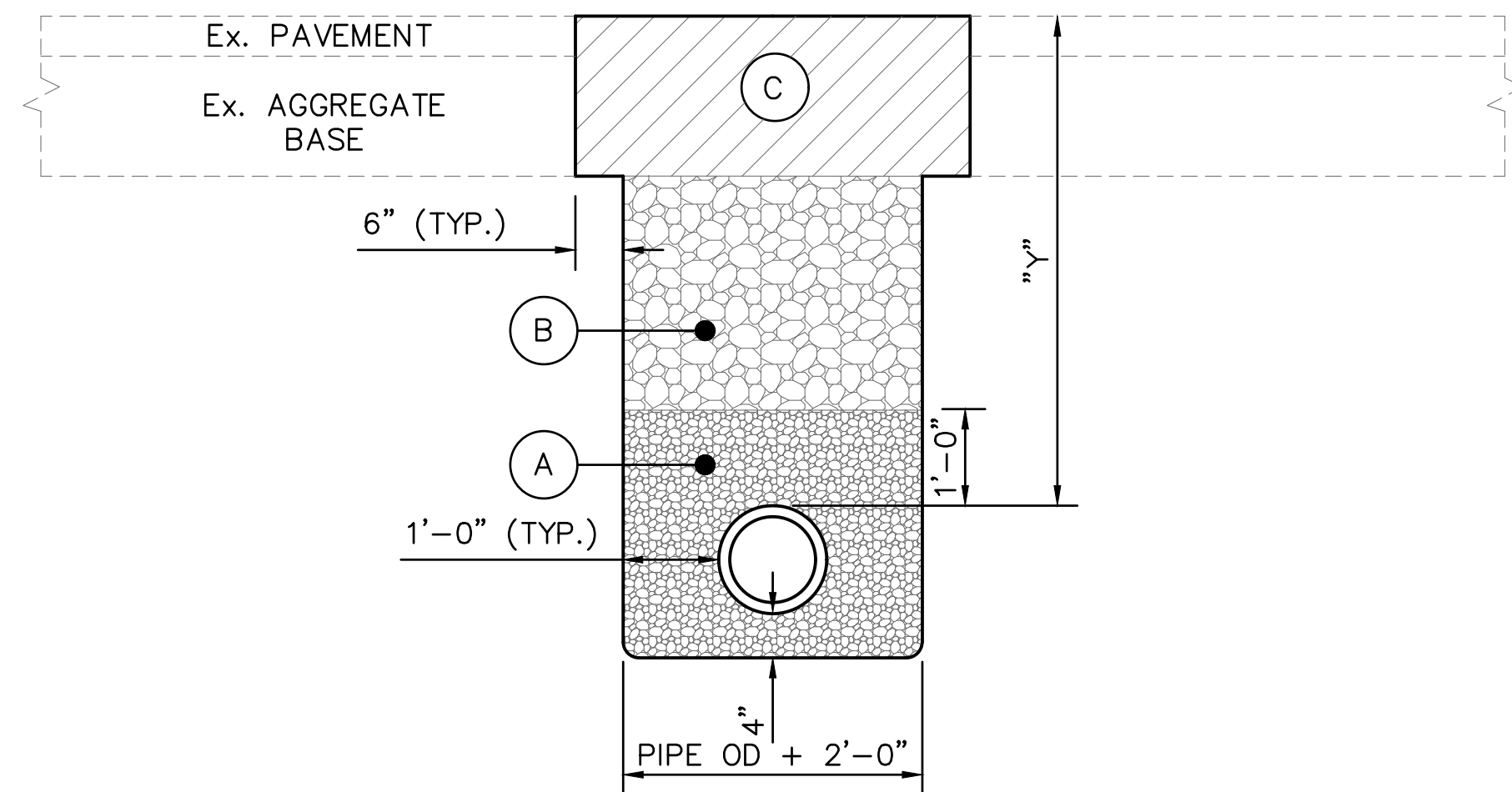


OUTSIDE PAVEMENT AREAS

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

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

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



IN PAVEMENT AREAS

NOTES

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

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

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

FOR "OUTSIDE PAVEMENT AREAS":

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

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

FOR "IN PAVEMENT AREAS":

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

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

TRENCH DETAIL

NTS

CLEANOUT NOTES

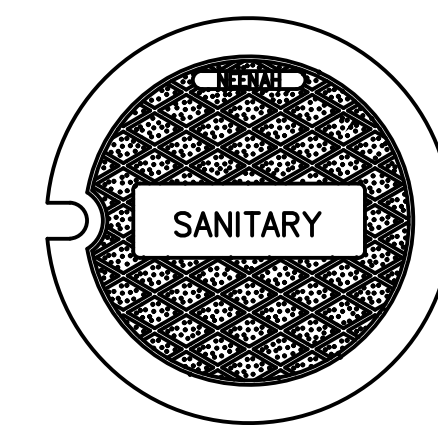
A. CLEANOUT REQUIRED AT THE R/W OR EASEMENT LINE UNLESS OTHERWISE SHOWN IN THE PLANS.

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

C. TRACER WIRE REQUIRED FOR EACH SANITARY SEWER LATERAL FROM THE MAIN TO THE CLEANOUT. TRACER WIRE SHALL BE EXTENDED UP THE CLEANOUT RISER TO A POINT JUST BELOW CLEANOUT CAP WHERE A 3/16" HOLE SHALL BE DRILLED THROUGH THE WALL OF THE PIPE.

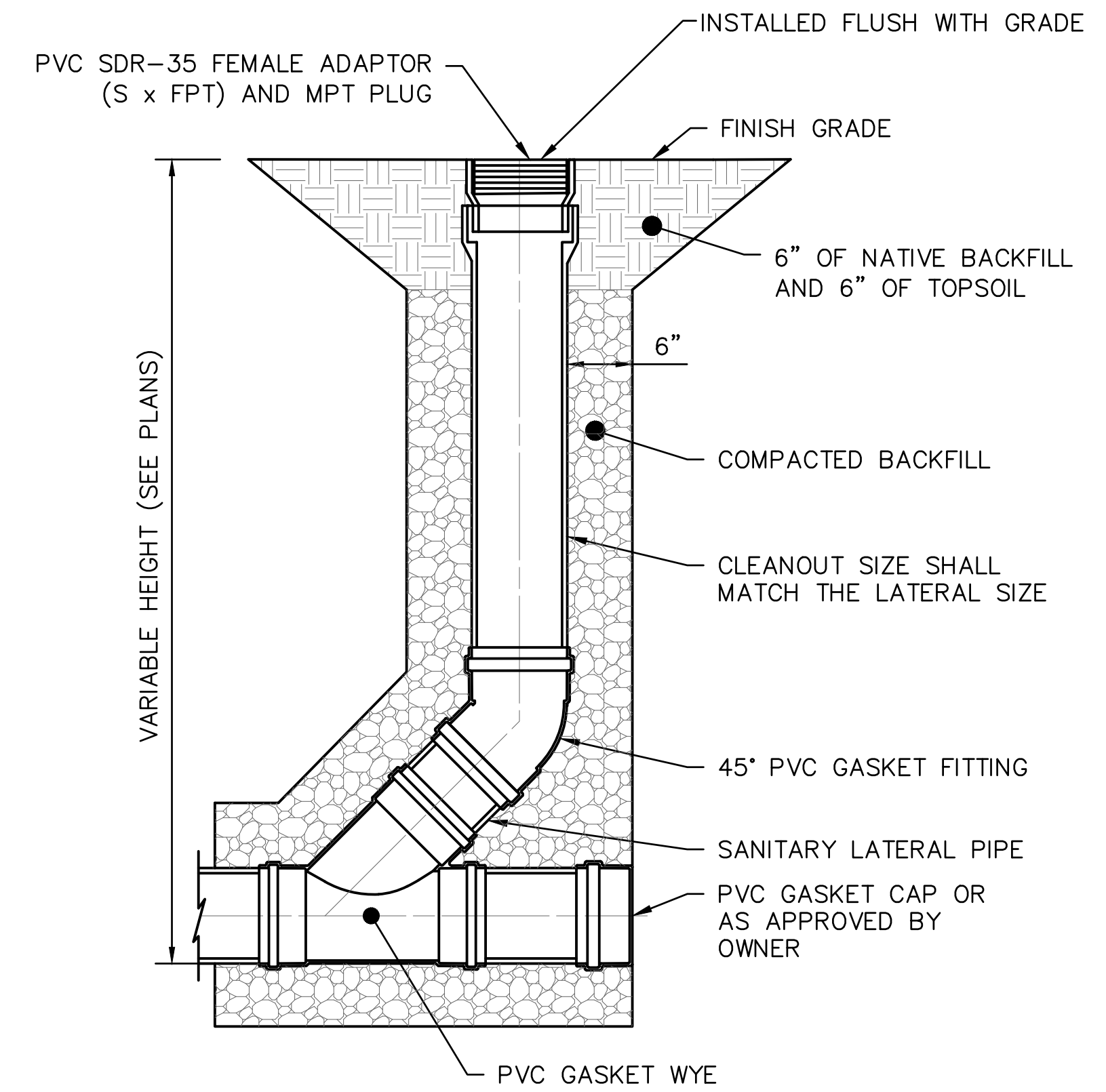
D. CLEANOUT FRAME AND LID SHALL BE NEENAH R-1976 OR EUJW V-1579, WITH THE LID MARKED "SANITARY".

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

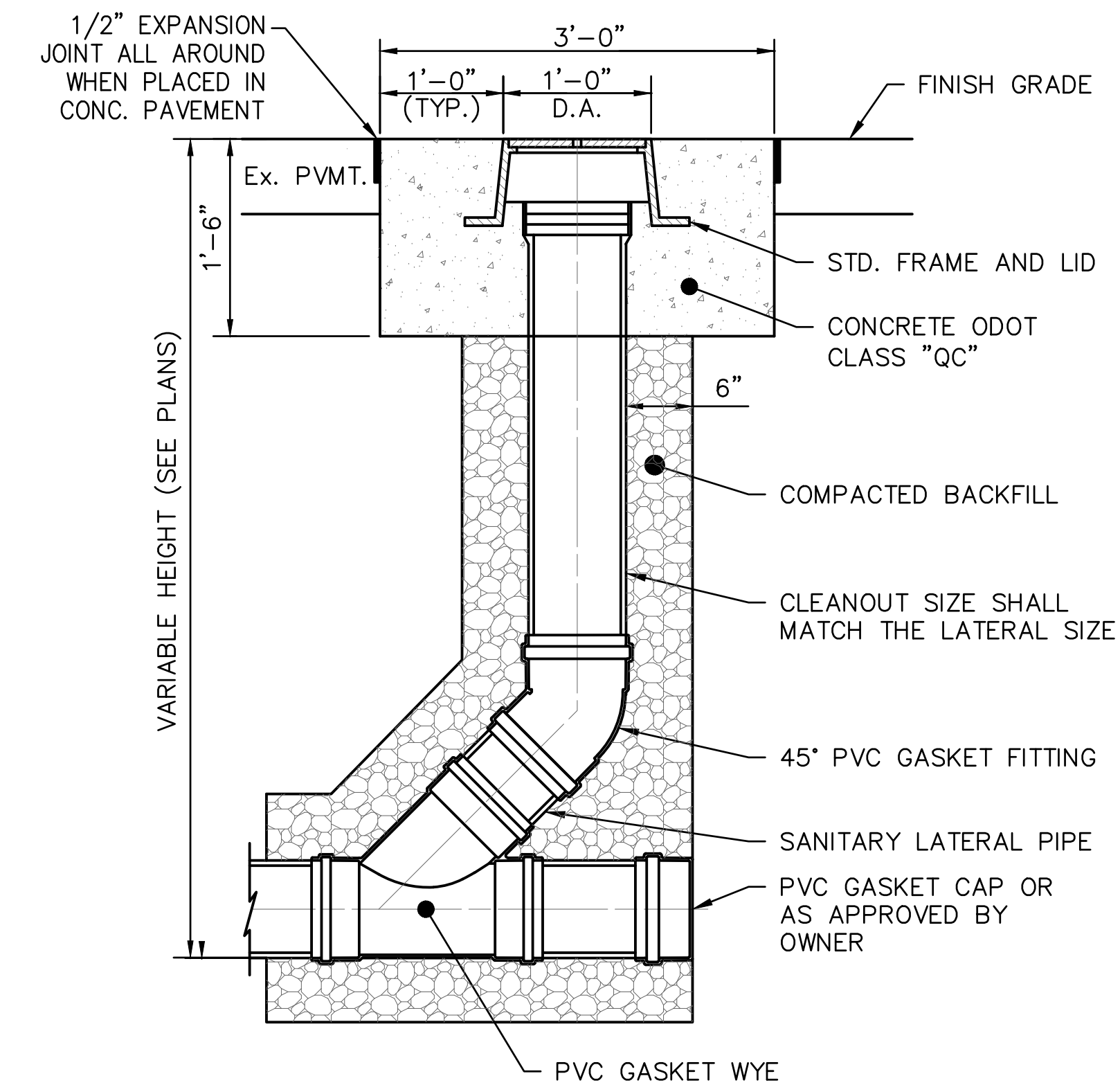


CLEANOUT LID

LID TO BE MARKED "SANITARY"



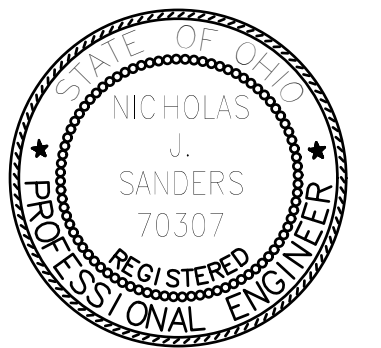
ONE-WAY CLEANOUT DETAIL (NON-PAVEMENT AREAS)



ONE-WAY CLEANOUT DETAIL (IN PAVEMENT AREAS)

SANITARY CLEANOUT DETAILS

NTS



TIPP CITY GOVERNMENT BUILDING INFILL

286 SOUTH GARBER DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	NJS	JSP

SHEET TITLE:
GENERAL DETAILS

SHEET NUMBER:
C1.3



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NOTES:

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

ALL UTILITIES TO BE INSTALLED PER CITY OF TIPP CITY STANDARDS.

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

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

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

DOWNSPOUT PIPING NOTE:

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

EXISTING BUILDING STORM, DOWNSPOUTS AND ROOF DRAINS NOTE:

FOR ALL EXISTING ROOF DRAINS AND/OR DOWNSPOUTS FROM THE EXISTING BUILDING THAT ARE ENCOUNTERED OR DISTURBED WITHIN THE PROJECT AREA, CONTRACTOR SHALL REROUTE AND TIE THEM INTO THE PROPOSED STORM SYSTEM. IF THERE ARE ANY ADDITIONAL ROOF DRAINS OR DOWNSPOUTS DISCOVERED AND/OR ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR SHALL TIE THEM INTO THE PROPOSED STORM SEWER AS NEEDED/REQUIRED AND AS DIRECTED BY THE OWNER.

THERE MAY BE EXISTING STORM LINES IN THE AREA OF THE EXISTING BUILDING(S) THAT PICK UP THE EXISTING DOWNSPOUTS FROM THE EXISTING BUILDING(S). THE SIZE, LOCATION, DEPTH, ROUTING OF THESE EXISTING DOWNSPOUT COLLECTOR LINES IS UNKNOWN. CONTRACTOR SHALL BE AWARE OF THAT THIS PIPING MAY BE PRESENT AND SHALL ENSURE ALL EXISTING DOWNSPOUTS AND THEIR RELATED PIPING REMAINS IN SERVICE THROUGHOUT THE PROJECT, UNLESS OTHERWISE NOTED

COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE CONTRACTOR'S OVERALL LUMP SUM BID FOR THE PROJECT.

EXISTING "APPROXIMATE" AND/OR "PER PLANS" UNDERGROUND UTILITIES NOTE:

EXISTING UNDERGROUND UTILITIES LABELED AS "APPROXIMATE" AND/OR "PER PLANS" HAVE BEEN SHOWN BASED ON PREVIOUS PLANS AND OLD SITE INFORMATION AND THEIR EXACT LOCATION, DEPTH, SIZE, TYPE, SLOPE, ETC. ARE UNKNOWN. CONTRACTOR SHALL TAKE THIS INTO ACCOUNT FOR ALL WORK RELATED TO AND/OR INVOLVING THESE UTILITIES AND SHALL FIELD VERIFY AND/OR DETERMINE ALL INFO FOR THESE UTILITIES PRIOR TO CONSTRUCTION.

EXISTING UTILITY NOTES:

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

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

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

UNKNOWN EXISTING UNDERGROUND UTILITIES:

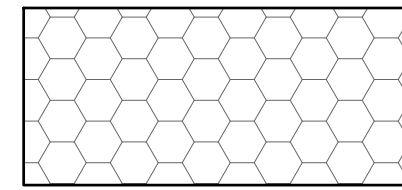
CONTRACTOR TO BE AWARE THERE MAY BE OTHER UNKNOWN SERVICES OR UNKNOWN UNDERGROUND UTILITIES OR ITEMS WHICH MAY BE LOCATED WITHIN THE SITE AND MAY REQUIRE REMOVAL OR REROUTING IN ORDER TO PERFORM THE PROPOSED PROJECT. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY OF ANY UNKNOWN UNDERGROUND UTILITIES OR OTHER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

ELECTRICAL/MECHANICAL NOTE:

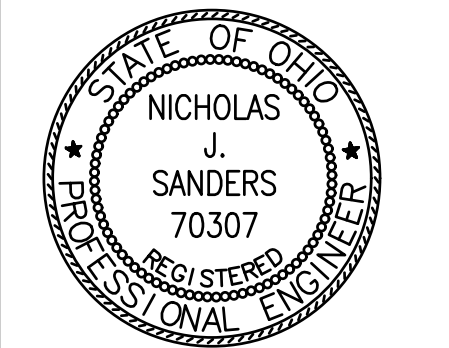
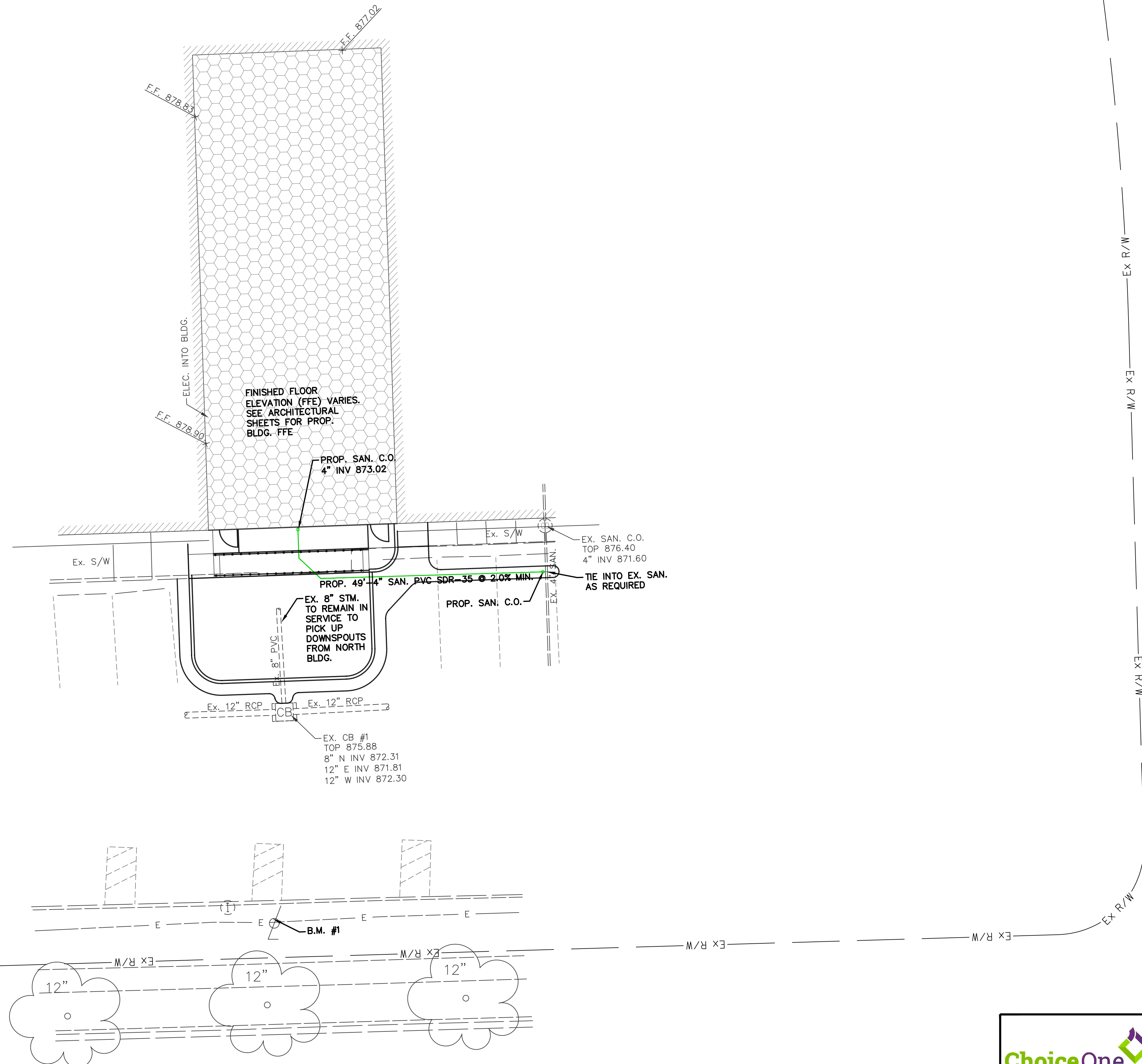
CONTRACTOR SHALL REFER TO THE ELECTRICAL/MECHANICAL DRAWINGS FOR DEMOLITION AND/OR INSTALLATION INFO. OF ALL EXISTING AND PROPOSED ELECTRICAL/MECHANICAL ITEMS FOR THE SITE AND/OR HOW THESE ITEMS ARE TO BE HANDLED AND ADDRESSED.

GAS, ELECTRIC, COMMUNICATION CONFLICT NOTE:

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



PROPOSED BUILDING



GARMANN MILLER

MINISTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA
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**TIPP CITY GOVERNMENT
BUILDING INFILL**

286 SOUTH GARBER DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	NJS	JSP

SHEET TITLE:
UTILITY PLAN

SHEET NUMBER:
C2.1

ChoiceOne
Engineering

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

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

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

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

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

GRADE TIE IN NOTE:

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

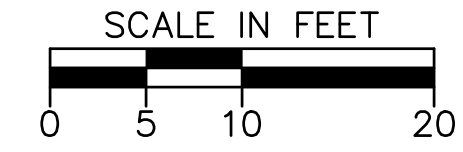
ALL DISTURBED LAWN AREAS SHALL BE GRADED TO DRAIN TO THE NEAREST INLET STRUCTURE

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

GRADING LIMITS NOTE:

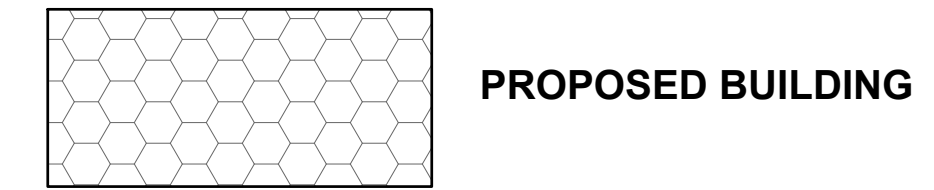
CONTRACTOR SHALL VERIFY THE FOLLOWING WITH THE CONSTRUCTION MANAGER AND OWNER'S REPRESENTATIVE:

1. AREAS WHERE GRADING OPERATIONS ARE TO TAKE PLACE.
2. AREAS WHERE GRADING OPERATIONS ARE NOT TO TAKE PLACE.
3. GRADING LIMITS.
4. GRADING TIE-IN POINTS TO EXISTING GRADES.



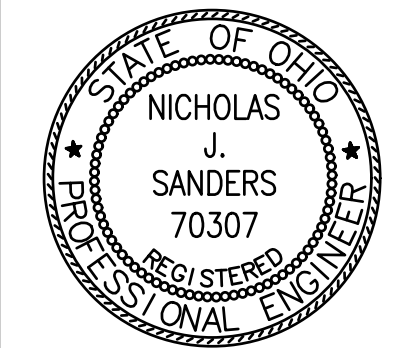
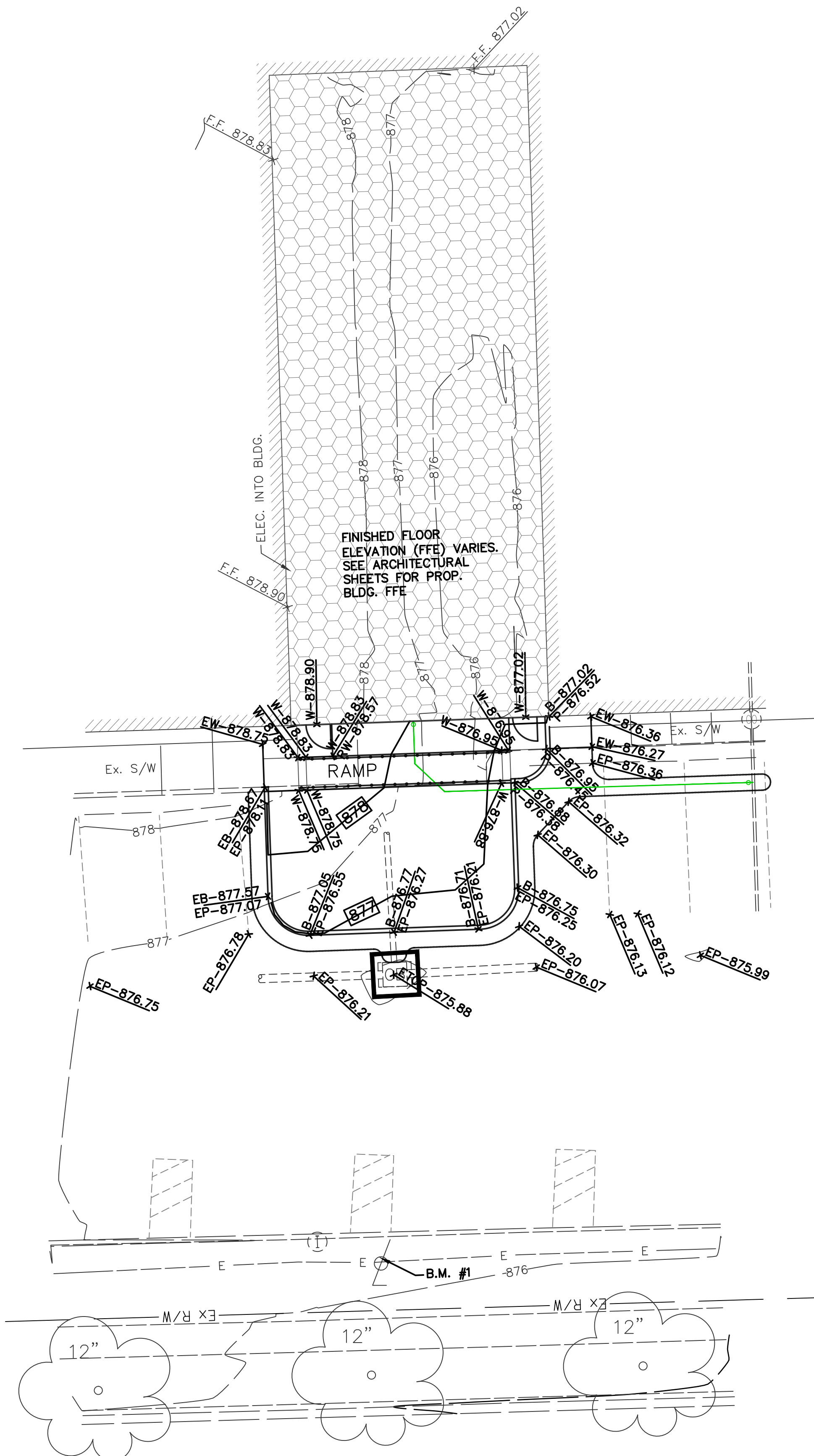
LEGEND

- 877- EXISTING CONTOURS
- ~~877~~ PROPOSED CONTOURS
- PROPOSED STORM SEWER
- PROPOSED EDGE PAVEMENT
- PROPOSED CURB
- PROPOSED INLET PROTECTION



- EP = EXISTING PAVEMENT ELEVATION
- EW = EXISTING WALK ELEVATION
- EB = EXISTING TOP OF CURB ELEVATION
- EG = EXISTING GROUND ELEVATION
- P = PROPOSED PAVEMENT ELEVATION
- B = PROPOSED TOP OF CURB ELEVATION
- W = PROPOSED SIDEWALK ELEVATION
- RW = PROPOSED RAMP SIDEWALK ELEVATION

PROJECT EARTH DISTURBED AREA IS 0.10 ACRES



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**TIPP CITY GOVERNMENT
 BUILDING INFILL**

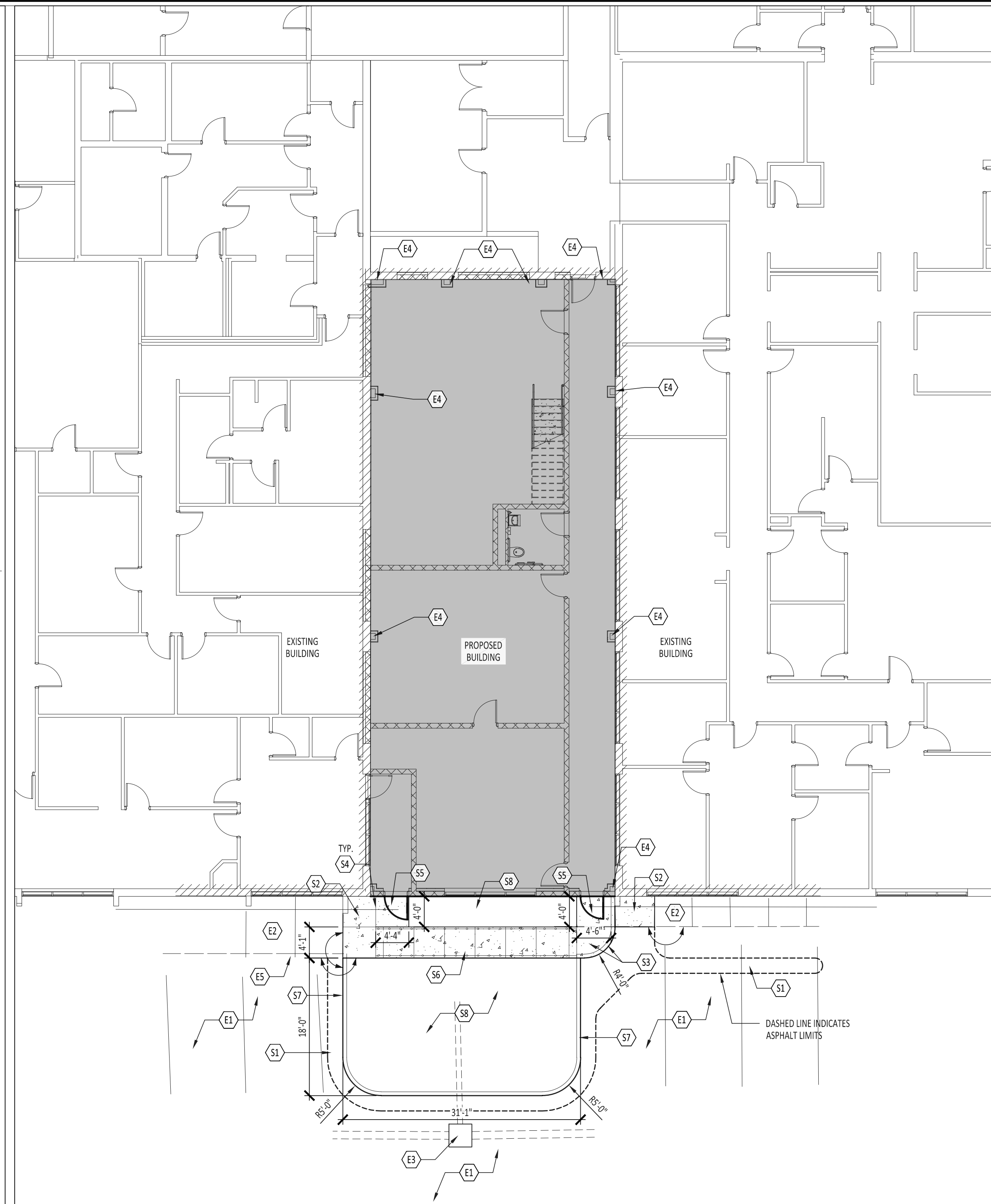
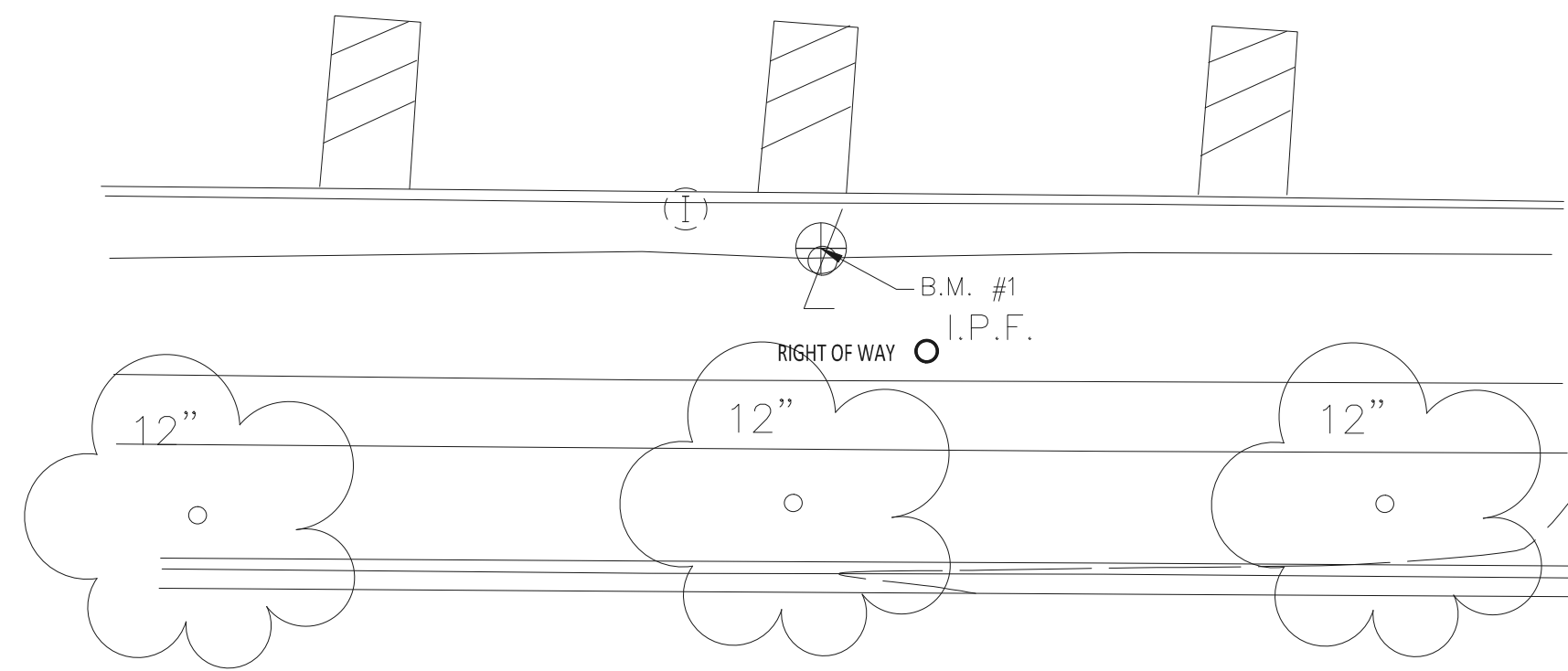
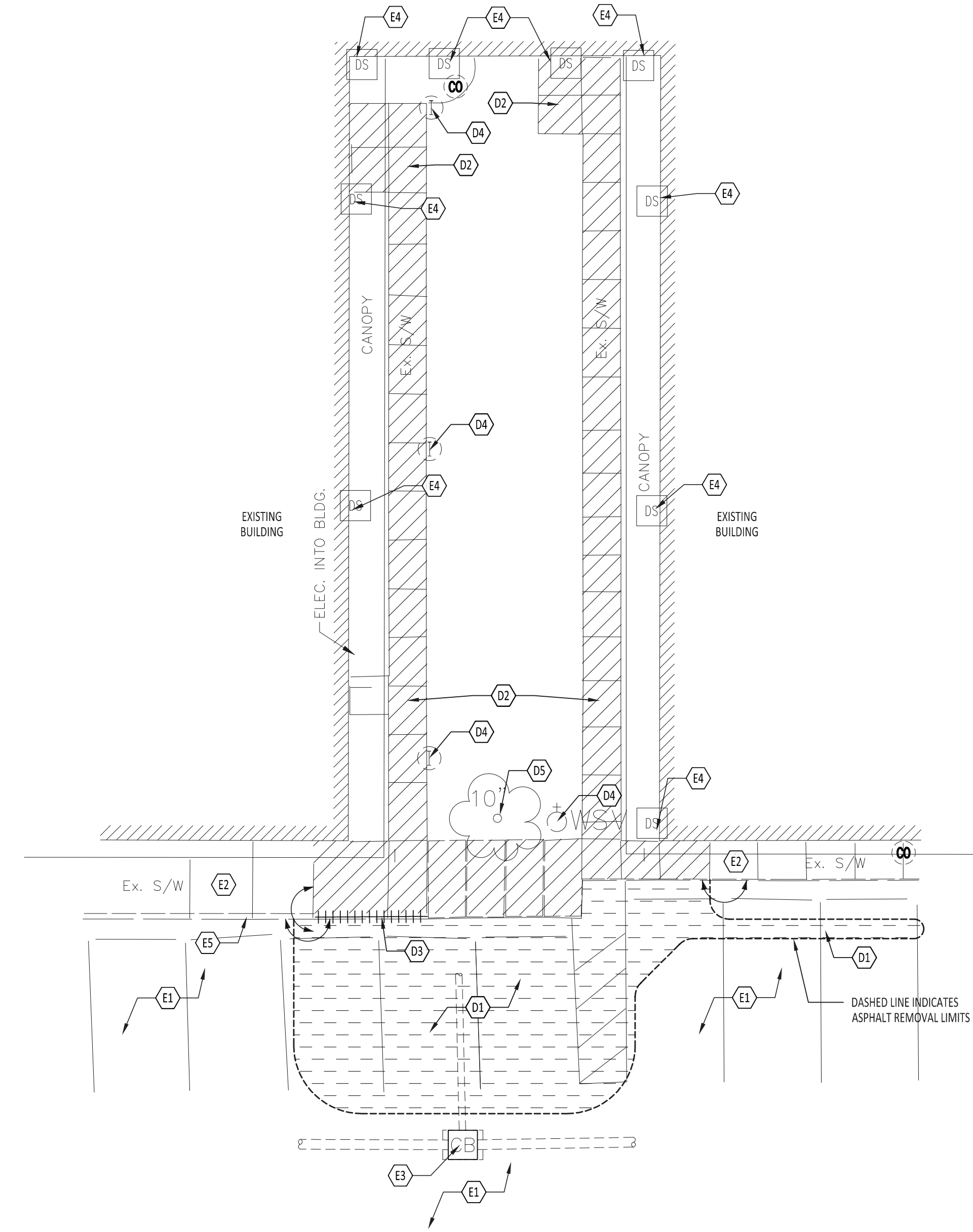
ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	NJS	JSP

SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
C3.1

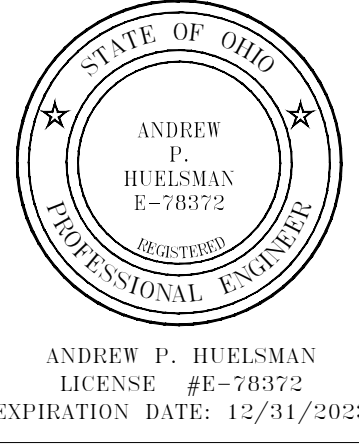
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 Engineering
 SIDNEY, OHIO 937.497.0200
 LOVELAND, OHIO 513.239.8554
 www.CHOICEONEENGINEERING.com



KEYNOTE SCHEDULE	
EXISTING	
E1	EXISTING ASPHALT TO REMAIN
E2	EXISTING CONCRETE TO REMAIN
E3	EXISTING CATCH BASIN
E4	EXISTING DOWNSPOUT, SEE ARCHITECTURAL DRAWINGS
E5	EXISTING CURB TO REMAIN
DEMOLITION	
D1	REMOVE ASPHALT
D2	REMOVE CONCRETE
D3	REMOVE CURB
D4	REMOVE IRRIGATION AND ASSOCIATED EQUIPMENT, VERIFY THERE IS NO CONNECTION TO IRRIGATION BEYOND CONSTRUCTION LIMITS. NOTIFY OWNERS REPRESENTATIVE IF CONNECTIONS FOUND
D5	REMOVE TREE
SITE	
S1	STANDARD DUTY ASPHALT PAVEMENT, SEE DETAIL 1/L2.1
S2	CONCRETE PAVEMENT, SEE DETAIL 2/L2.1
S3	CONCRETE SIDEWALK WITH INTEGRAL CURB, SEE DETAIL 3/L2.1
S4	SAWCUT CONTROL AND EXPANSION JOINT, SEE DETAIL 2/L2.1
S5	CONCRETE ANTI-HEAVE SLAB, COORDINATE WITH STRUCTURAL DRAWINGS
S6	HANDICAP RAMP, SEE DETAIL 5/L2.1
S7	CONCRETE CURB, SEE DETAIL 4/L2.1
S8	RIVER ROCK OVER WEED FABRIC

LEGEND	
	ALIGN
	KEYED NOTE DESIGNATION-REFER TO NOTES THIS SHEET
	CONTROL JOINT
	CONCRETE PAVEMENT
	REMOVE ASPHALT
	REMOVE CONCRETE
	REMOVE CURB
	CONCRETE PAVEMENT

GENERAL NOTES	
A.	FIELD VERIFY DIMENSIONS & CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
B.	WORK PERFORMED IS SUBJECT TO APPROVAL BY THE OWNERS REPRESENTATIVE AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
C.	TEMPORARILY SUPPORT WALLS, HEADERS, STRUCTURES, PIPING, DUCTWORK, CONDUIT, ETC., AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE.
D.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA.
E.	CLOSELY COORDINATE WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
F.	PATCH AND REPAIR DISTURBED LAWN AREAS.
G.	DIMENSIONS ARE TO FACE OF CURB, FENCE, COLUMN OR CENTERLINE UNLESS OTHERWISE NOTED. WALKS SHALL BE CENTERED ON DOOR WAYS.
H.	WALKS SHALL MEET BOTH VERTICALLY AND HORIZONTALLY.
I.	LAYOUT AND DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO ONE ANOTHER UNLESS OTHERWISE INDICATED IN PLANS.
J.	CONTRACTOR SHALL CALL OUPIS (800) 362-2764 PRIOR TO COMMENCEMENT OF ANY WORK.
K.	CALL 1-800-925-0988 FOR OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE
L.	PAVING, FOOTINGS AND OTHER SITE IMPROVEMENTS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. THIS INCLUDES ALL BASE MATERIAL.
M.	ITEMS AND MATERIAL NOTED AS REMOVE SHALL BE PROPERLY DISPOSED OF BY CONTRACTOR OFF SITE. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER.



TIPP CITY GOVERNMENT BUILDING INFILL

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

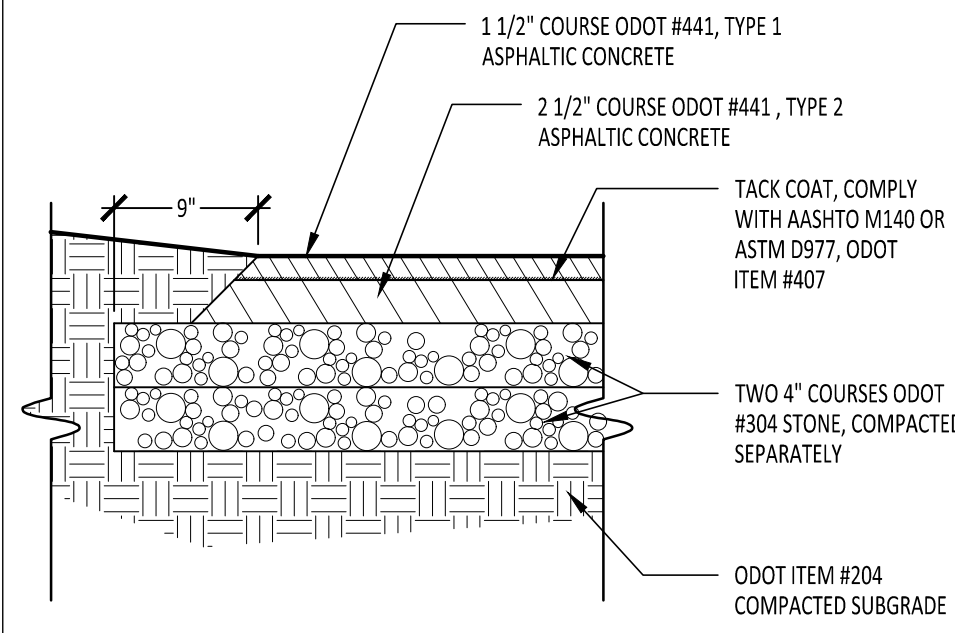
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	MAD	KAT

SHEET TITLE: SITE DEMOLITION AND LAYOUT/MATERIALS PLAN

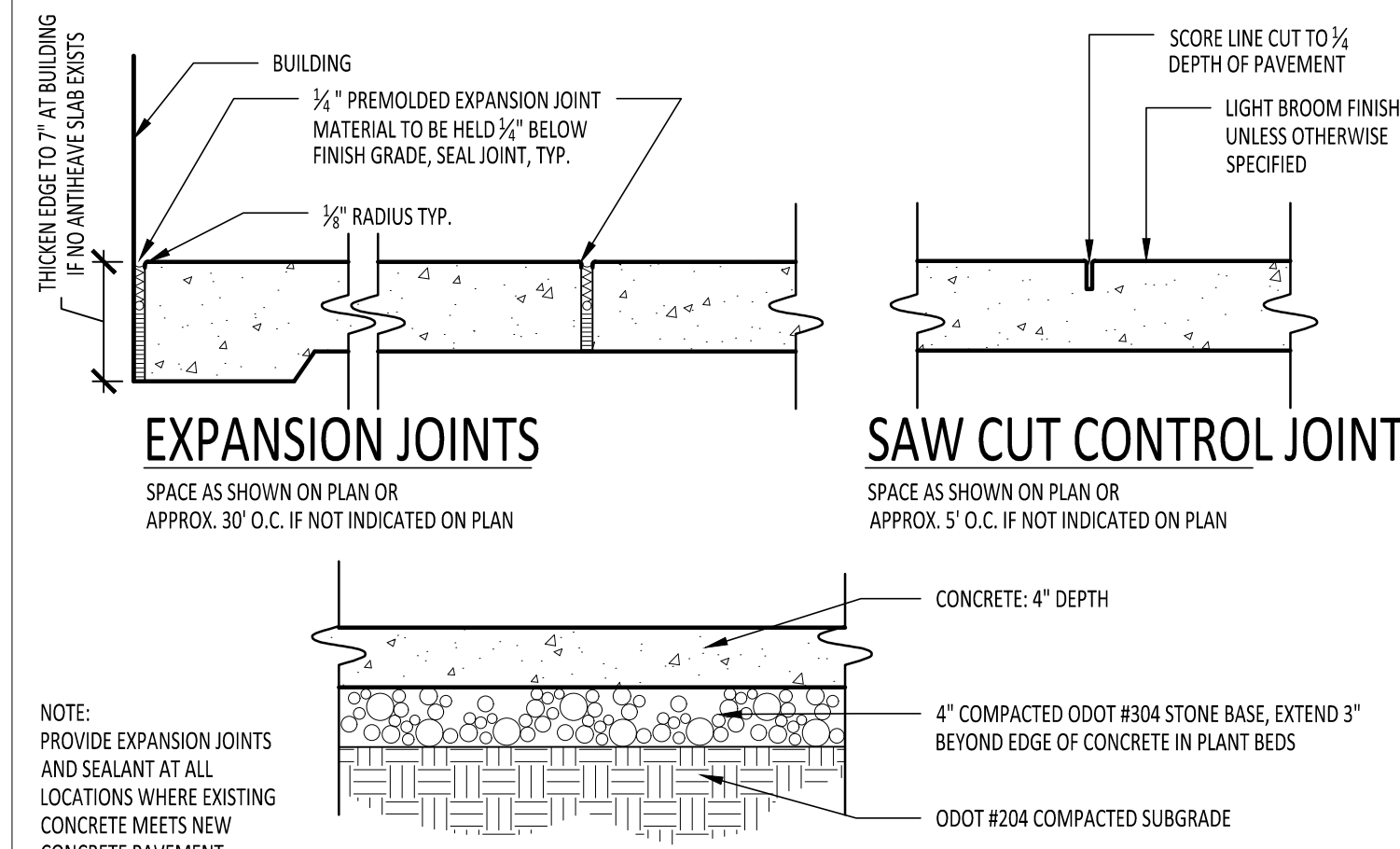
SHEET NUMBER:
L1.1

1 SITE DEMOLITION PLAN
1" = 10'-0"

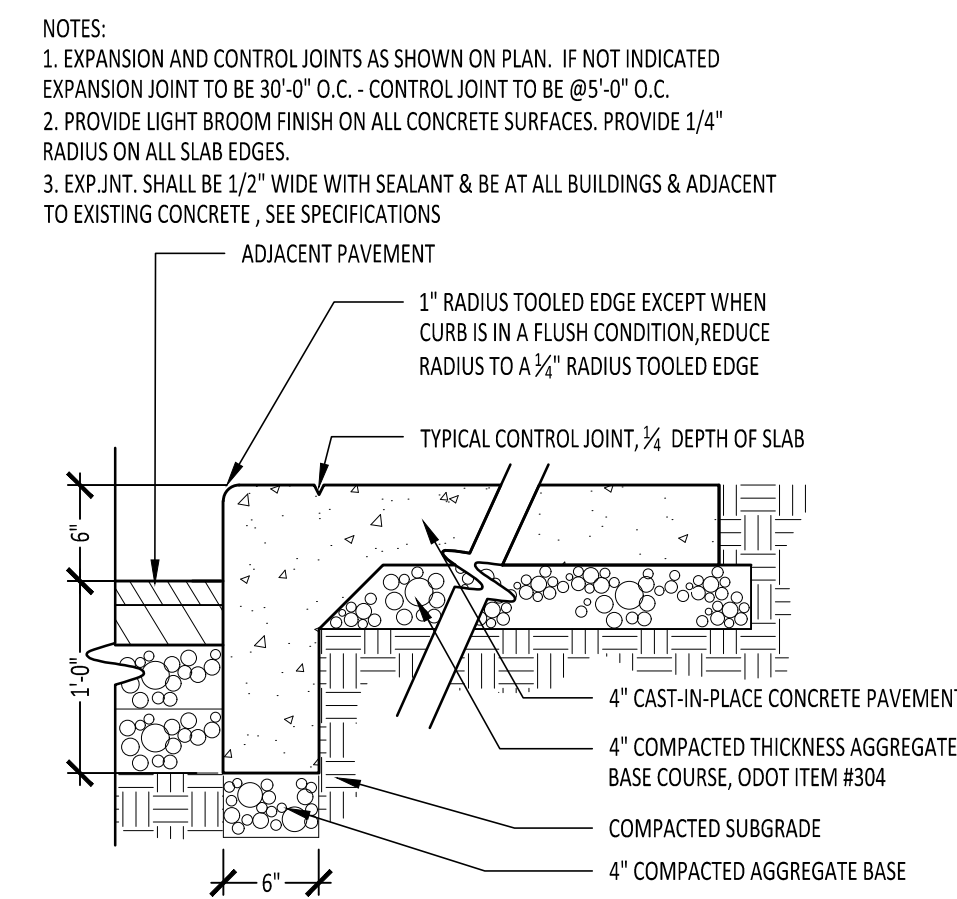
2 SITE LAYOUT AND MATERIALS PLAN
1" = 10'-0"



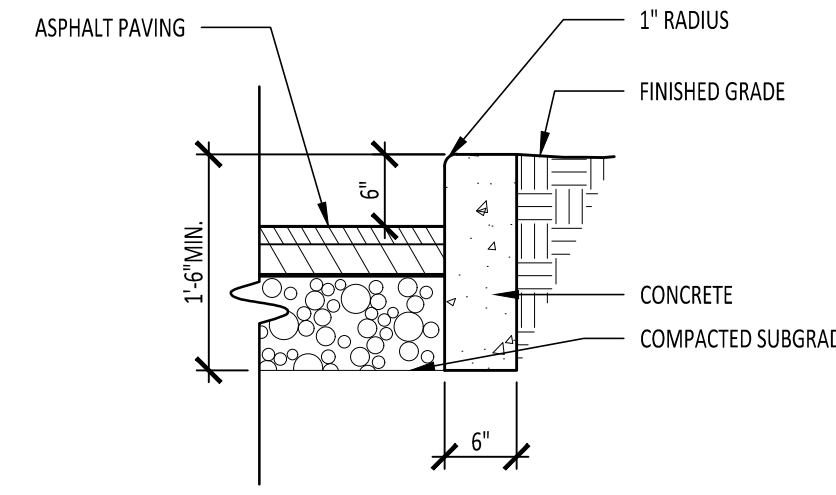
1
 L2.1 ASPHALT PAVING : STANDARD DUTY
 1" = 1'-0"



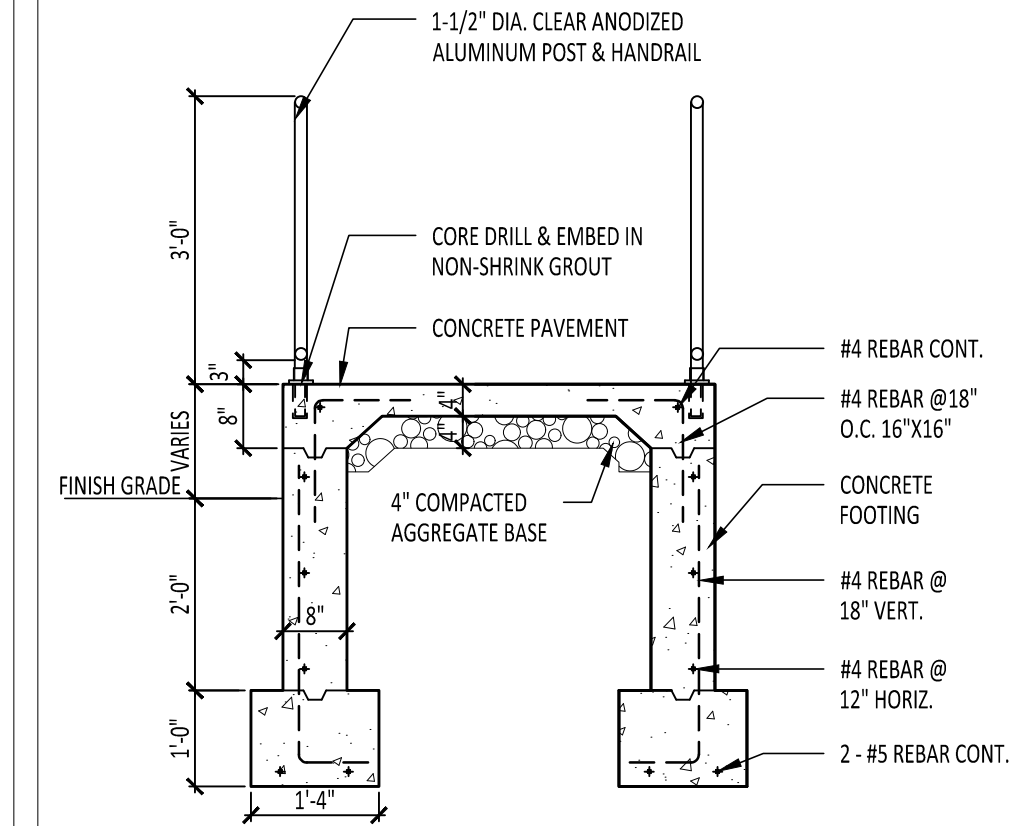
2
 L2.1 CONCRETE PAVEMENT AND JOINTS
 1" = 1'-0"



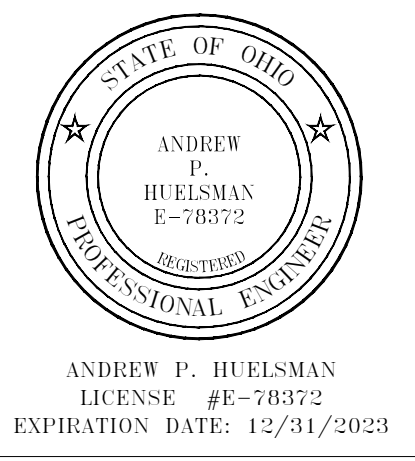
3
 L2.1 INTEGRAL CURB AND WALK
 1" = 1'-0"



4
 L2.1 CURB
 3/4" = 1'-0"



5
 L2.1 HANDICAP RAMP
 1/2" = 1'-0"



**TIPP CITY GOVERNMENT
 BUILDING INFILL**

280 SOUTH GARBEE DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS

BID DOCUMENTS	02/02/2023
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PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	MAD	KAT

SHEET TITLE:
SITE DETAILS

SHEET NUMBER:
L2.1

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

Table with columns A through W listing abbreviations and their corresponding full names, such as AB - ANCHOR BOLT, AC - AIR CONDITIONING, etc.

Table with columns B through W listing abbreviations and their corresponding full names, such as BEJ - BRICK EXPANSION JOINT, BD - BOARD, etc.

Table with columns C through W listing abbreviations and their corresponding full names, such as C - CLOSURE, CAB - CABINET, etc.

Table with columns G through W listing abbreviations and their corresponding full names, such as G - GROUND, GA - GALUICE, etc.

Table with columns D through W listing abbreviations and their corresponding full names, such as D - DEPTH, DA - DISABLED, etc.

Table with columns I through W listing abbreviations and their corresponding full names, such as I - INSIDE DIAMETER, ILO - IN LIEU OF, etc.

Table with columns E through W listing abbreviations and their corresponding full names, such as E - EAST, EA - EACH, etc.

Table with columns F through W listing abbreviations and their corresponding full names, such as FA - FIRE ALARM, FB - FACE BRICK, etc.

Table with columns N through W listing abbreviations and their corresponding full names, such as N - NORTH, NA - NOT APPLICABLE, etc.

Table with columns O through W listing abbreviations and their corresponding full names, such as OA - OUTSIDE AIR, OC - ON CENTER, etc.

Table with columns H through W listing abbreviations and their corresponding full names, such as HB - HOSE BIBB, HC - HOLLOW CORE, etc.

Table with columns I through W listing abbreviations and their corresponding full names, such as ID - INSIDE DIAMETER, ILO - IN LIEU OF, etc.

Table with columns J through W listing abbreviations and their corresponding full names, such as JAN - JANITOR, JC - JANITORIAL CLOSET, etc.

Table with columns K through W listing abbreviations and their corresponding full names, such as K - KNURLED, KIT - KITCHEN, etc.

Table with columns L through W listing abbreviations and their corresponding full names, such as L - LENGTH, LAB - LABORATORY, etc.

Table with columns M through W listing abbreviations and their corresponding full names, such as MACH - MACHINE, MAINT - MAINTENANCE, etc.

Table with columns T through W listing abbreviations and their corresponding full names, such as T - TREAD / THERMOSTAT, T&B - TOP AND BOTTOM, etc.

Table with columns U through W listing abbreviations and their corresponding full names, such as UNFIN - UNFINISHED, UNO - UNLESS NOTED OTHERWISE, etc.

Table with columns V through W listing abbreviations and their corresponding full names, such as VAC - VENTILATION AND AIR CONDITIONING, VERT - VERTICAL, etc.

Table with columns R through W listing abbreviations and their corresponding full names, such as R - RADIUS, RA - RETURN AIR, etc.

Table with columns S through W listing abbreviations and their corresponding full names, such as S - SOUTH, SA - SUPPLY AIR, etc.

Table with columns COMMON MEASUREMENTS listing units like °C - CELSIUS, °F - FAHRENHEIT, etc.

Table with columns COMMON CHARACTERS listing symbols like # / NO - NUMBER, ° / DEG - DEGREE, etc.

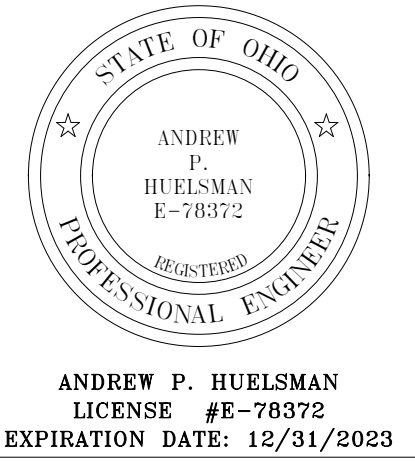
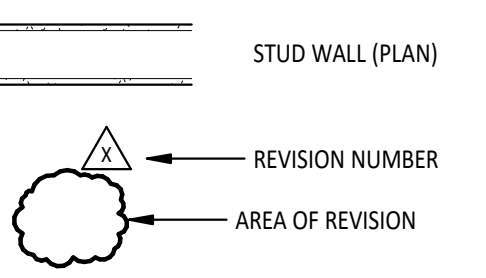
Table with columns Y through W listing abbreviations and their corresponding full names, such as YD - YARD / YARD DRAIN.

GENERAL NOTES

- A REFERENCE GENERAL CONSTRUCTION NOTES AND SPECIFICATIONS FOR MORE INFORMATION AND BID ALTERNATES.
B REFERENCE SPECIFICATIONS AND DRAWINGS FOR SPECIAL REQUIREMENTS AND CONDITIONS.
C FINISH FIRST FLOOR ELEVATION INDICATED FOR THE NEW WORK IS 100'-0".

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

Table showing material symbols and their corresponding names: ASPHALT, EARTH, GRAVEL, SAND, CONCRETE, CUT OR CAST STONE, FACE BRICK, CONCRETE MASONRY UNIT, RIGID PERIMETER ROOF INSULATION, PLYWOOD SHEATHING, WOOD FINISHED, SPLIT-FACE CONCRETE MASONRY UNIT, STEEL, SPRAY APPLIED INSULATION, WOOD-DIMENSIONAL (NOMINAL), WOOD-DIMENSIONAL (RIPPED), BATT INSULATION OR SOUND ATTENUATION, METAL ROOF DECKING.



TIPP CITY GOVERNMENT BUILDING INFILL

Table with columns ISSUANCES/REVISIONS, BID DOCUMENTS, and 02/02/2023.

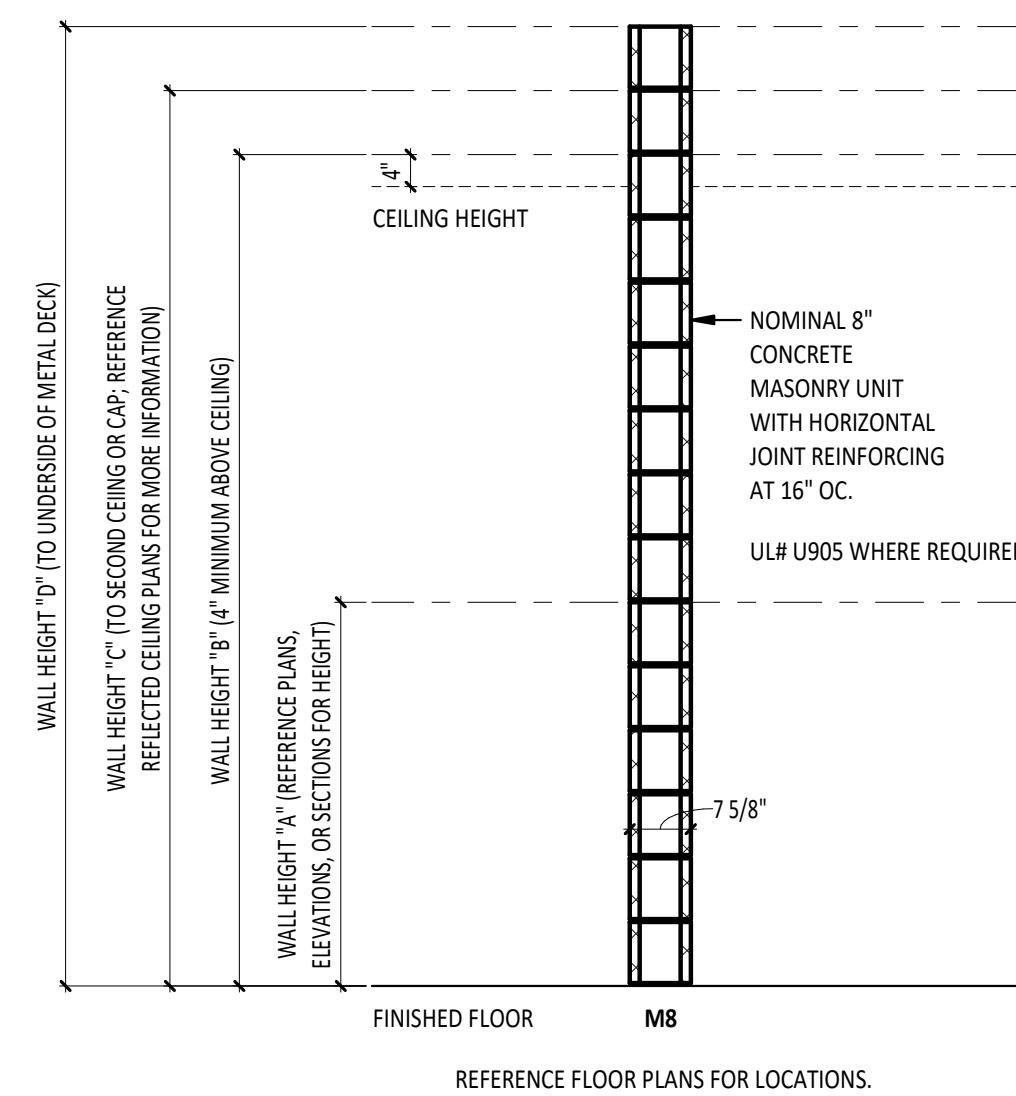
Table with columns PROJECT NUMBER: 22094.00, DRAWN BY: MDB, CHECKED BY: LKL.

GENERAL NOTES, ABBREVIATIONS AND SYMBOLS

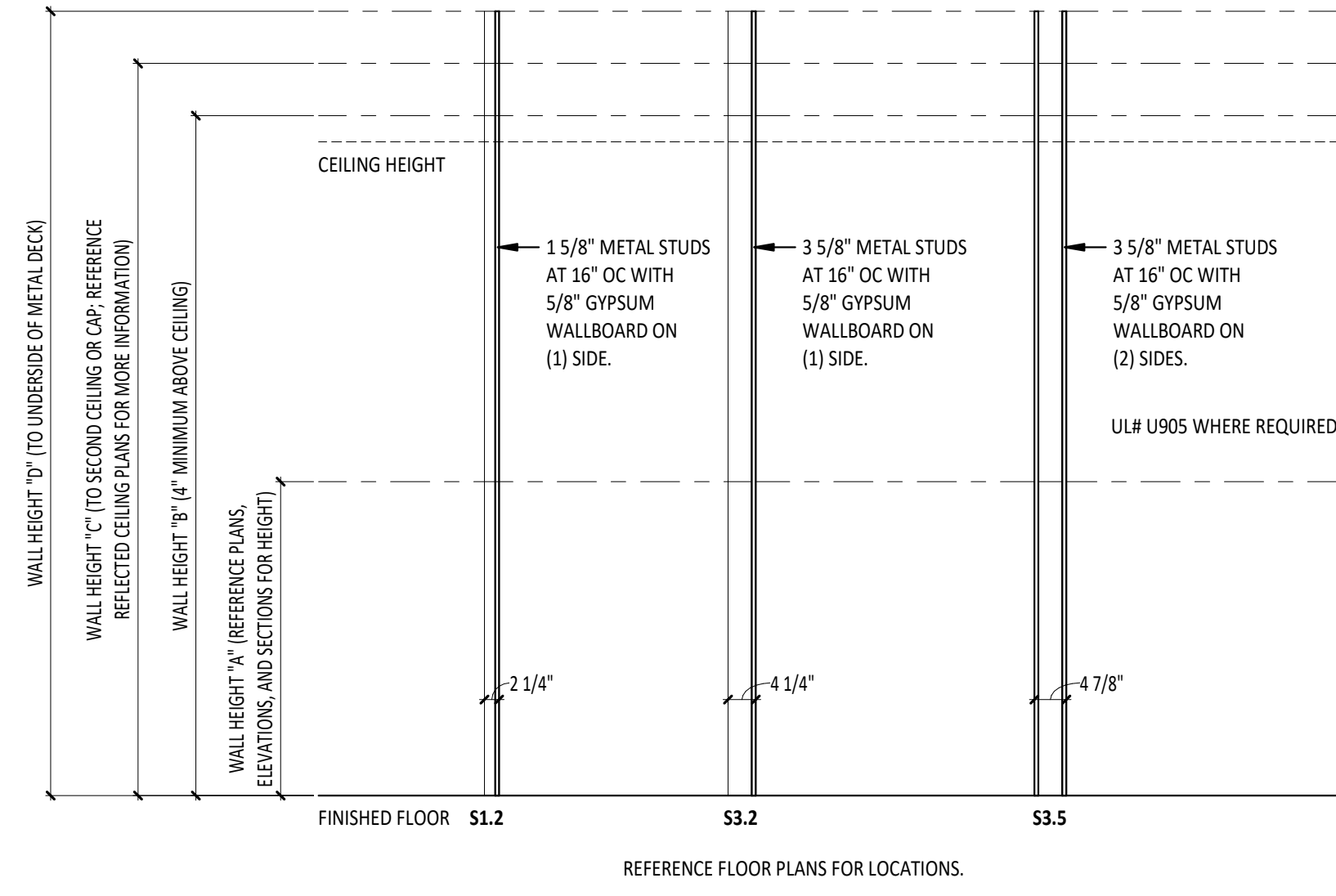
Table with columns SHEET NUMBER: A0.1.

ABBREVIATIONS

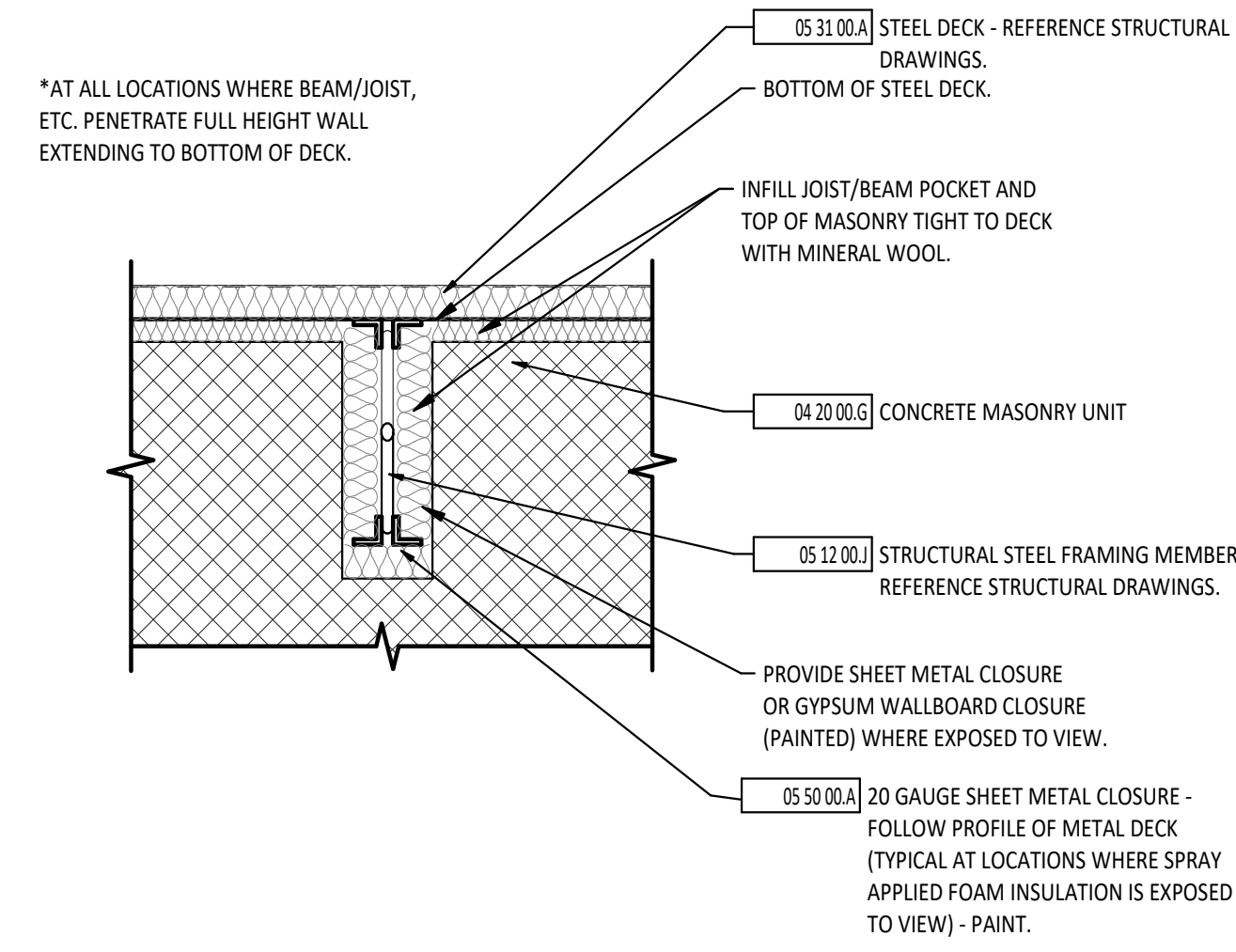
DRAWING AND MATERIAL SYMBOLS LEGEND



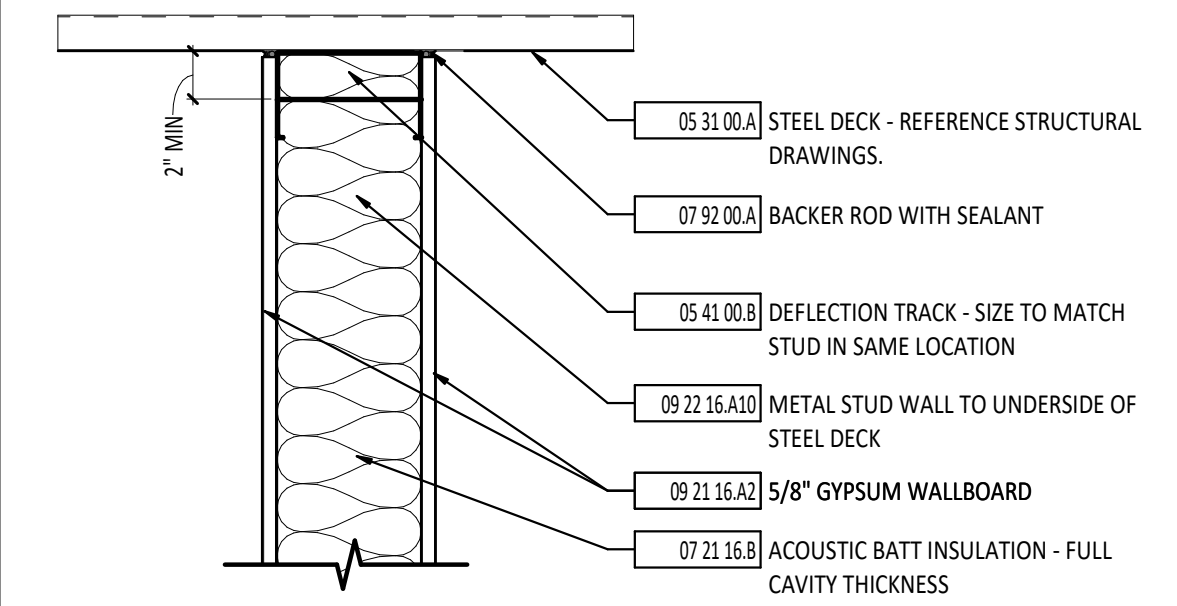
1 CONCRETE MASONRY WALL TYPES (M)
1/2" = 1'-0"



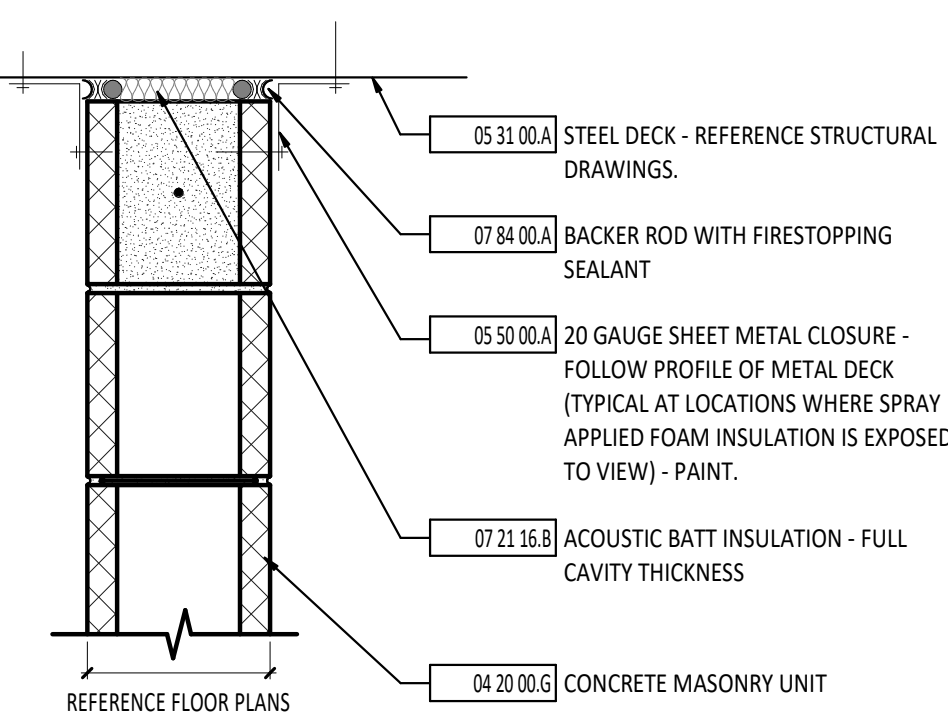
2 STUD WALL TYPES (S)
1/2" = 1'-0"



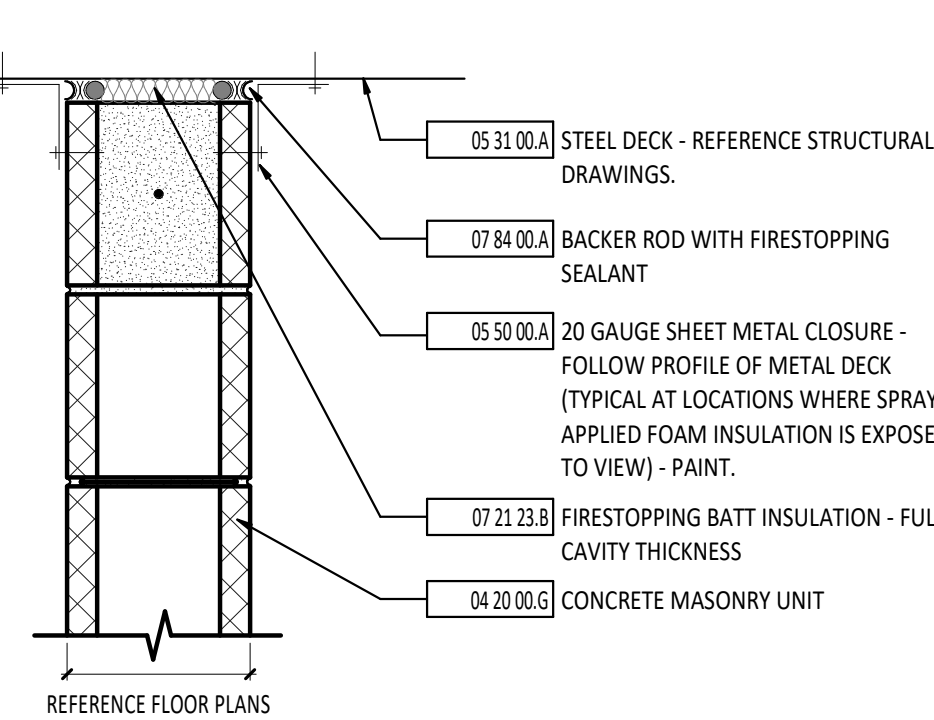
3 WALL TERMINATION - INTERIOR JOIST POCKET
1 1/2" = 1'-0"



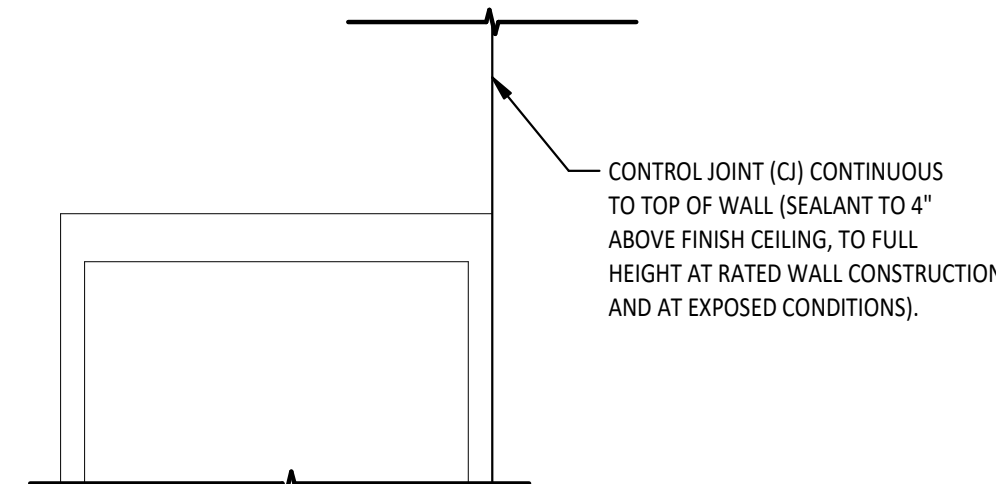
4 WALL TERMINATION - ACOUSTIC
1 1/2" = 1'-0"



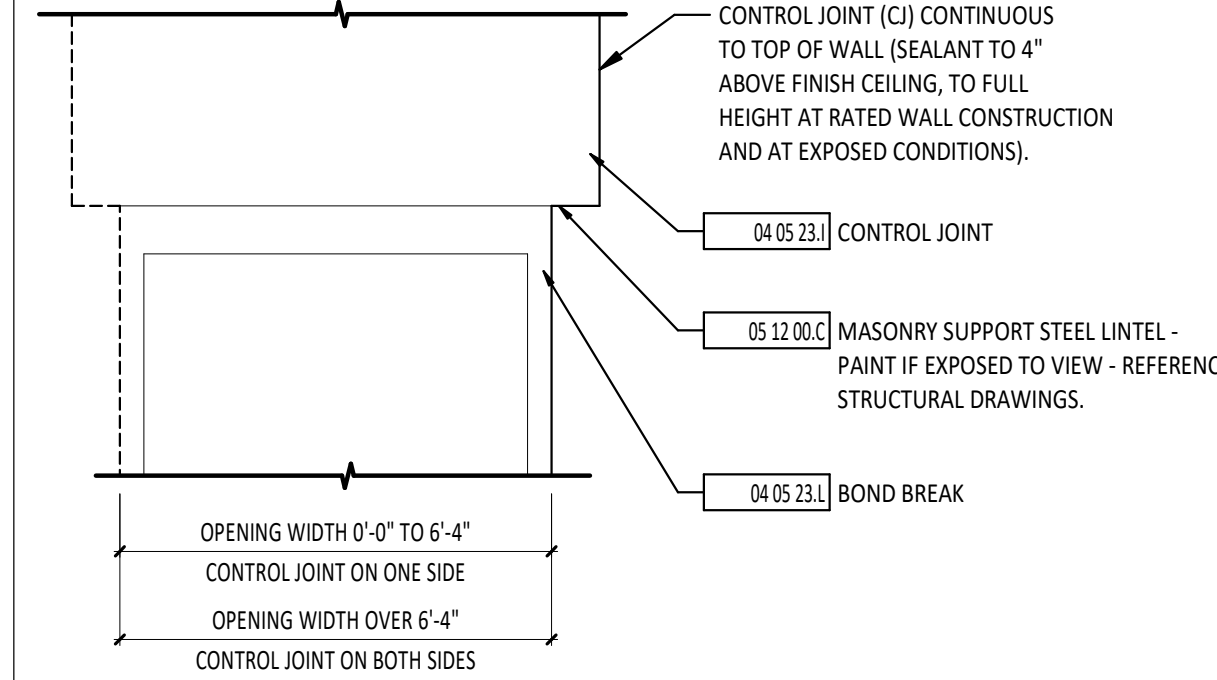
5 WALL TERMINATION - ACOUSTIC
1 1/2" = 1'-0"



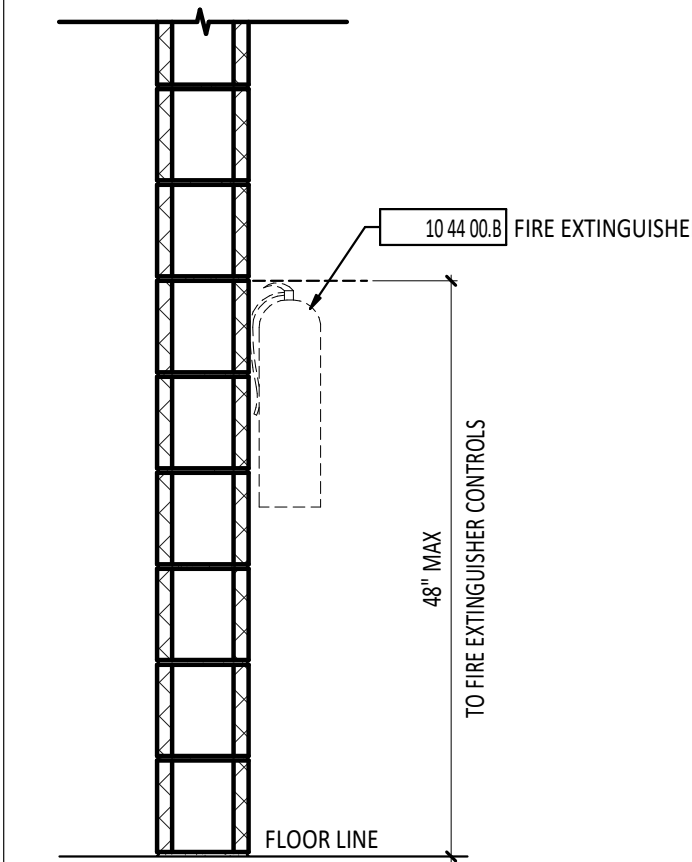
6 WALL TERMINATION - FIRESTOPPING (UL#U905)
1 1/2" = 1'-0"



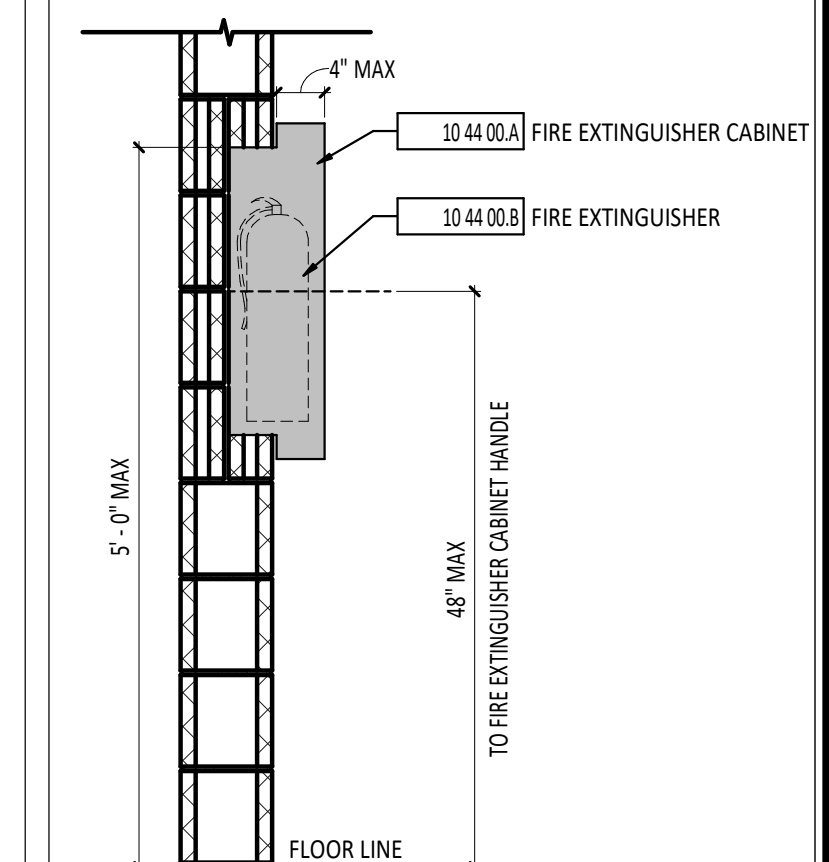
7 TYP CONTROL JOINT PLACEMENT AT METAL STUD OPENINGS
3/4" = 1'-0"



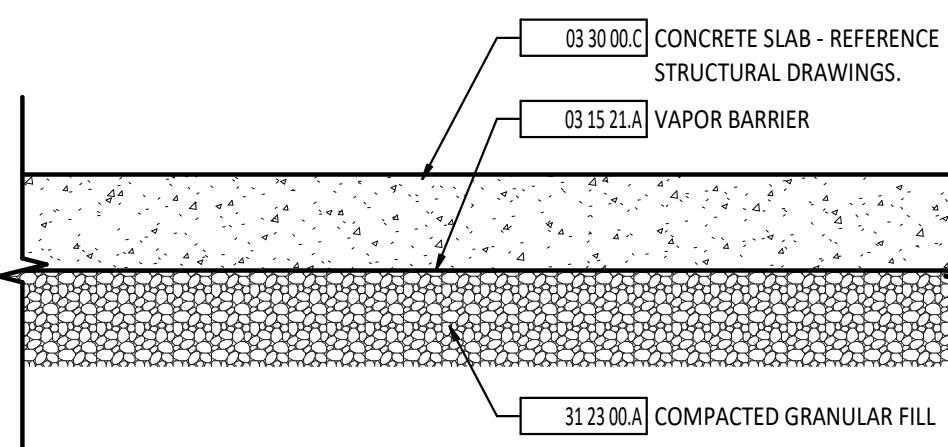
8 TYPICAL CONTROL JOINT PLACEMENT AT MASONRY OPENINGS
3/4" = 1'-0"



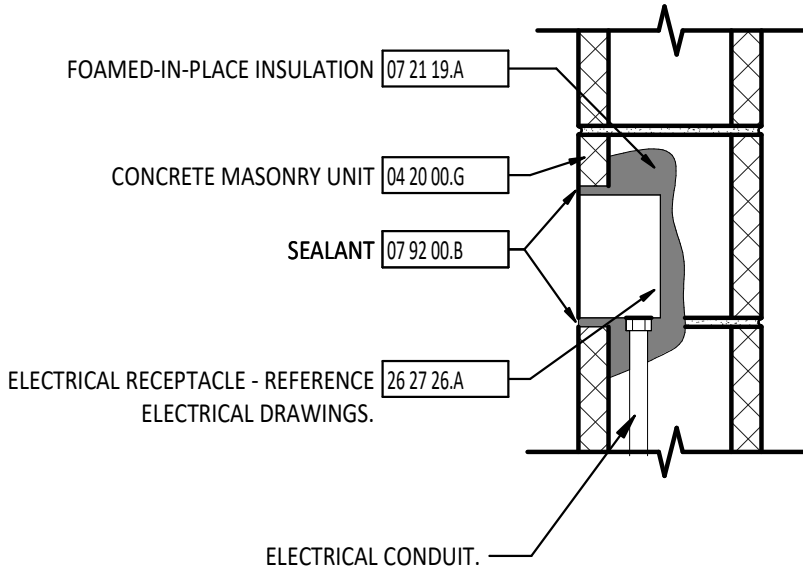
9 SURFACE MOUNT FIRE EXTINGUISHER
3/4" = 1'-0"



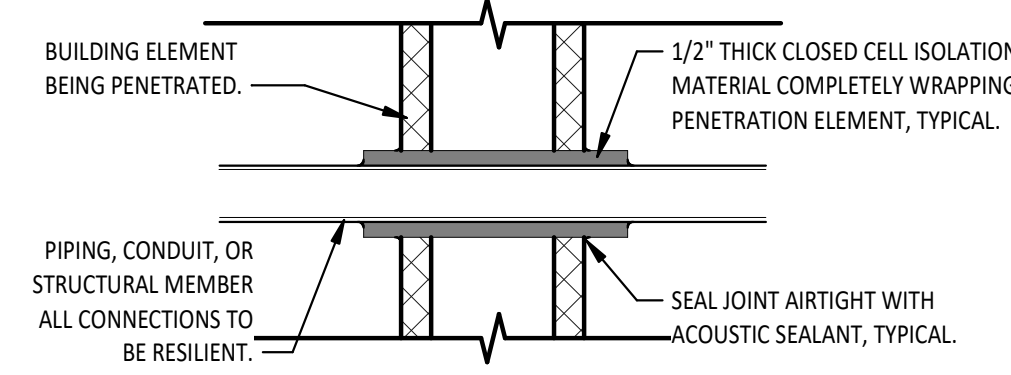
9a SEMI-RECESSED FIRE EXTINGUISHER CABINET
3/4" = 1'-0"



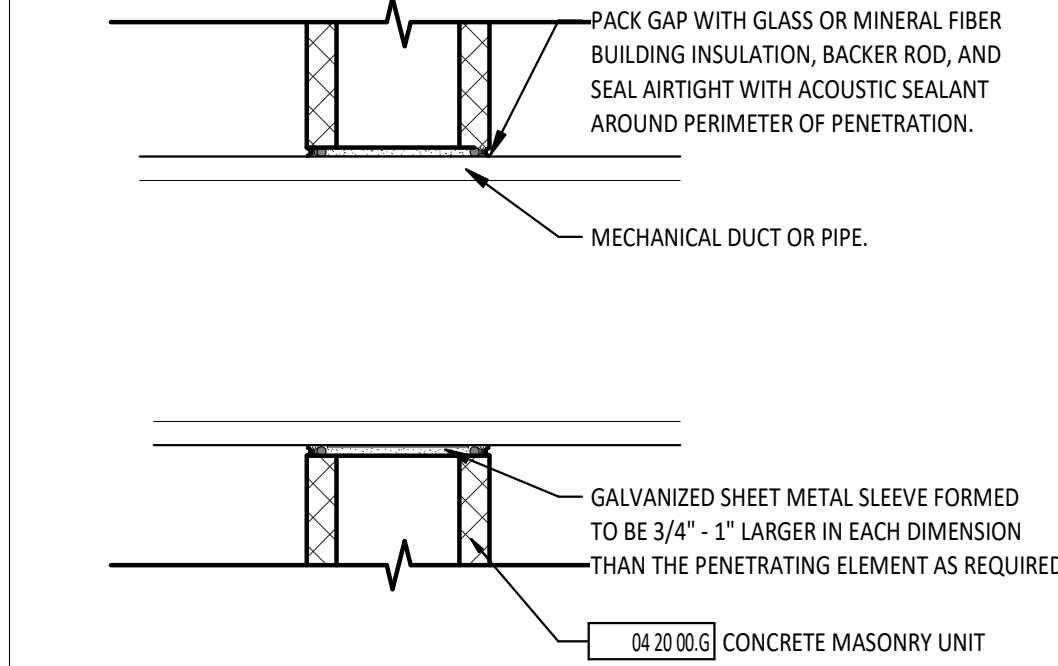
10 CONCRETE SLAB ASSEMBLY
1 1/2" = 1'-0"



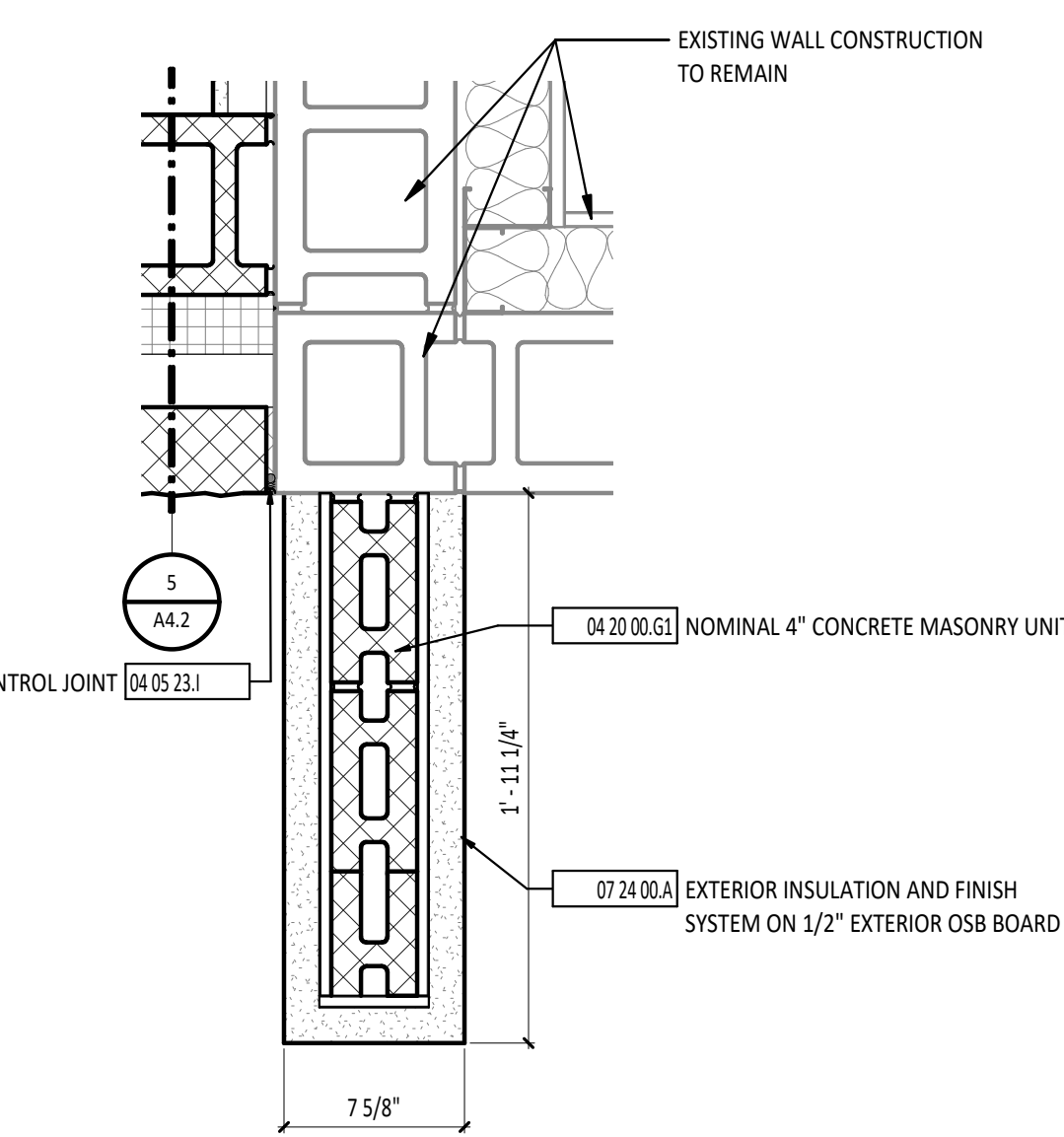
11 ELECTRICAL WALL PENETRATION
1 1/2" = 1'-0"



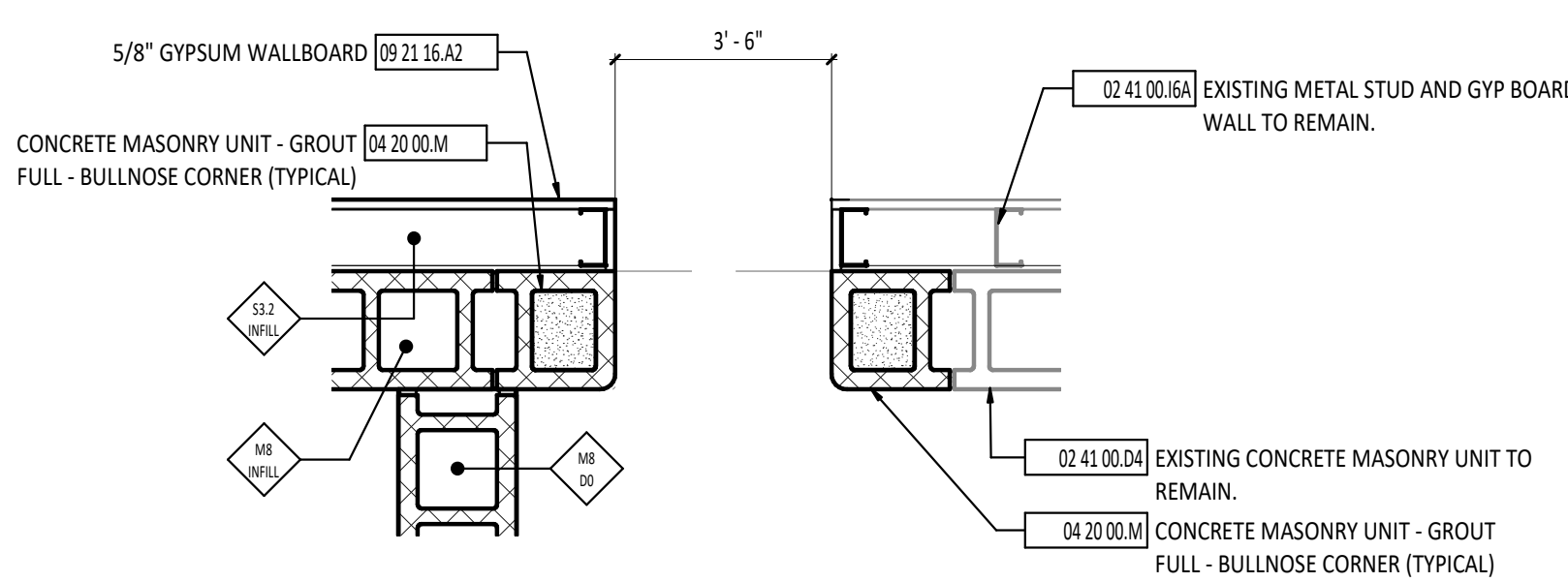
12 PIPE WALL PENETRATION
1 1/2" = 1'-0"



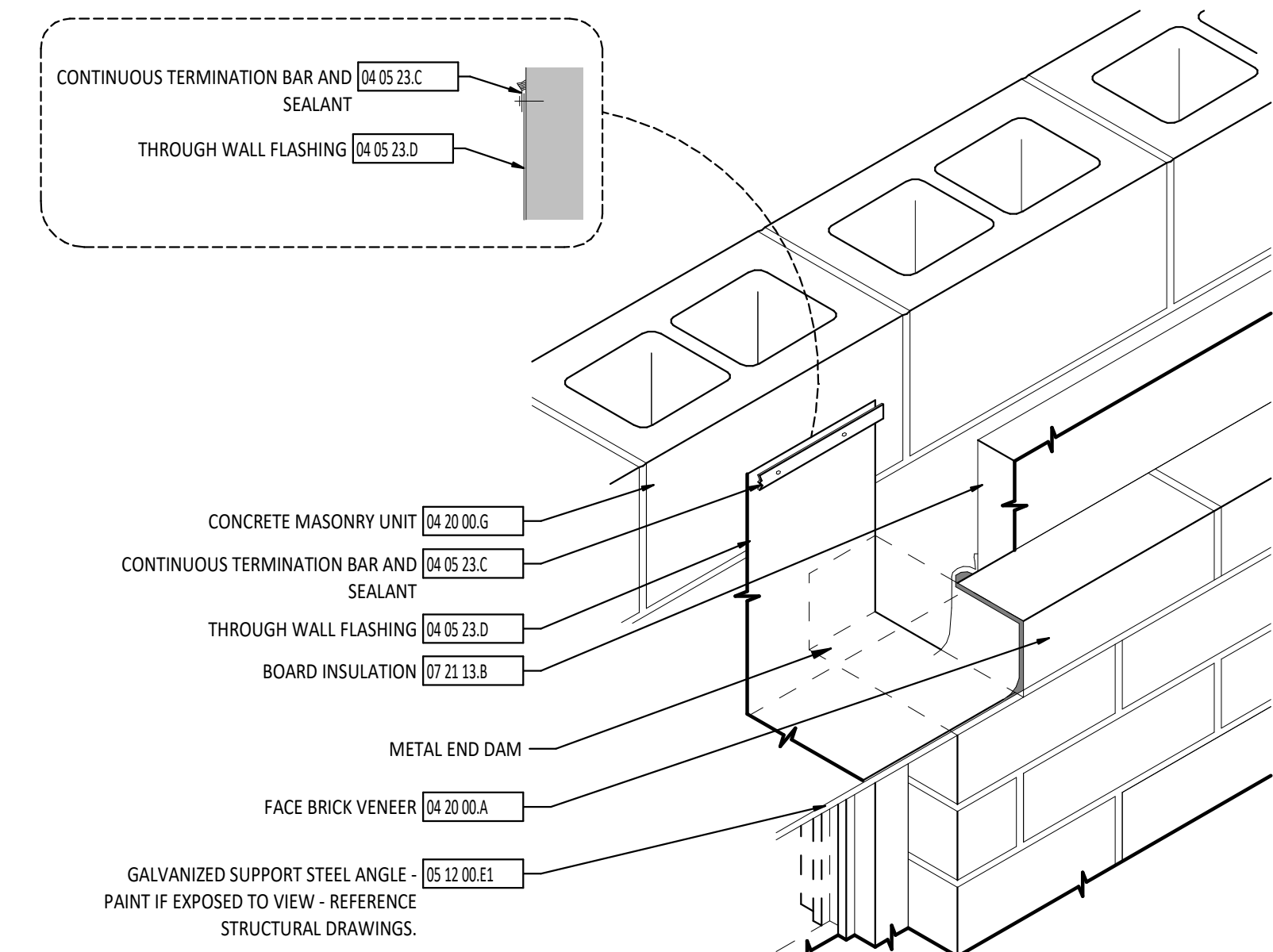
13 MECHANICAL WALL PENETRATION
1 1/2" = 1'-0"



15 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"



16 ENLARGED PLAN DETAIL
1" = 1'-0"



14 END DAM FLASHING DETAIL AT OPENINGS
1 1/2" = 1'-0"

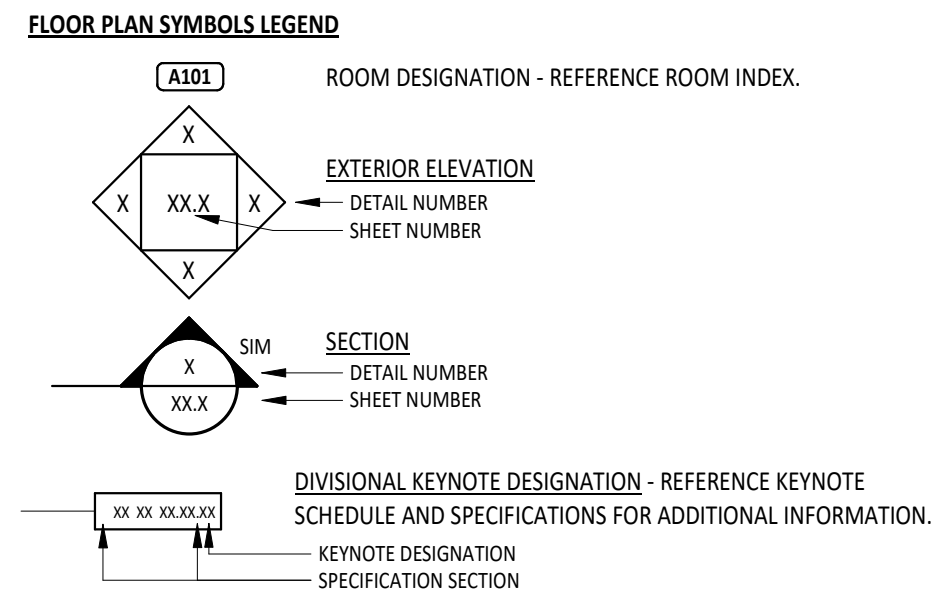
ISSUANCES/REVISIONS	
DD PHASE SUBMISSION	12/01/2022

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	MD8	APH

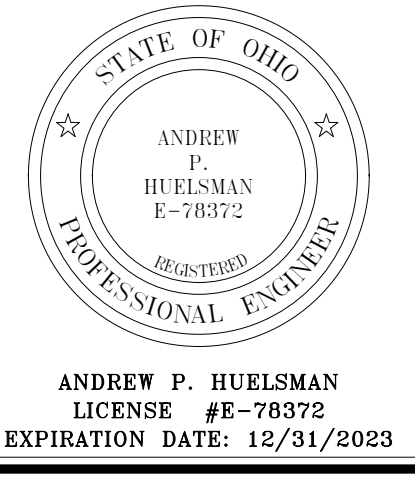
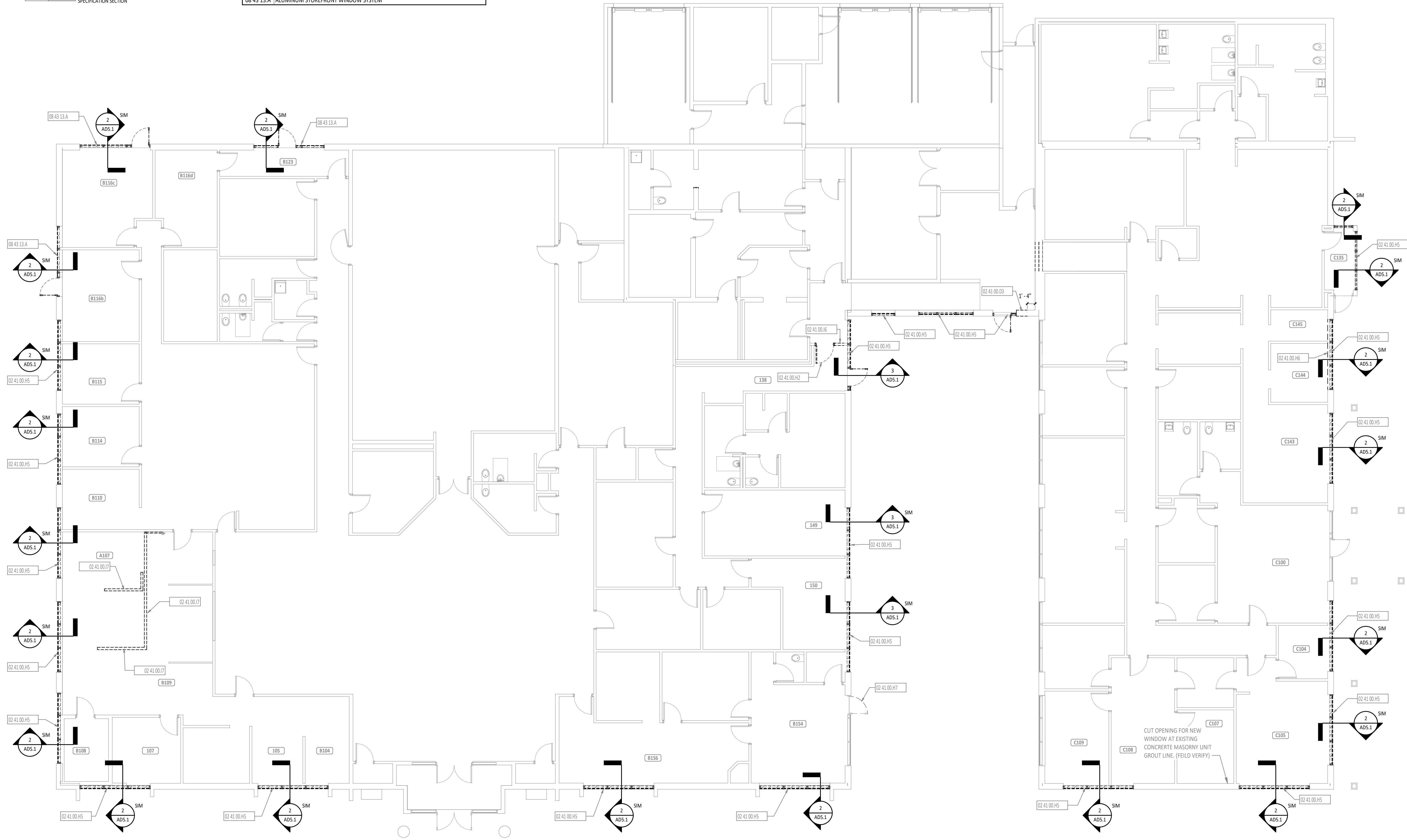
SHEET TITLE:

TYPICAL DETAILS

SHEET NUMBER:
A0.2



#	KEYNOTE DESCRIPTION
02 41 00.D3	SAWCUT AND REMOVE EXISTING CONCRETE MASONRY UNIT AND METAL STUD/GYP WALL FOR NEW OPENING - SHORE UP WALL AS REQUIRED.
02 41 00.H2	SALVAGE AND REMOVE EXISTING DOOR AND FRAME FOR REINSTALLATION REFERENCE PLAN ON SHEET A1.1 FOR SWING DIRECTION.
02 41 00.H5	REMOVE EXISTING STOREFRONT WINDOW SYSTEM - PREPARE FOR NEW WORK.
02 41 00.H6	REMOVE AND SALVAGE EXISTING BULLETPROOF GLASS AND ANGLE SUPPORT FRAMING IN PREPARATION FOR DEMO OF STOREFRONT WINDOW SYSTEM - PREPARE FOR NEW WORK AND REINSTALL OF GLASS AND ANGLE SUPPORT FRAMING.
02 41 00.H7	REMOVE EXISTING STOREFRONT DOOR ONLY - FRAME TO REMAIN - PREPARE FRAME FOR NEW DOOR AND SWING DIRECTION - REFERENCE PLANS ON A1.1
02 41 00.I6	REMOVE EXISTING METAL STUD WALL.
02 41 00.I7	REMOVE EXISTING PARTITION WALL SYSTEM.
08 43 13.A	ALUMINUM STOREFRONT WINDOW SYSTEM



TIPP CITY GOVERNMENT BUILDING INFILL

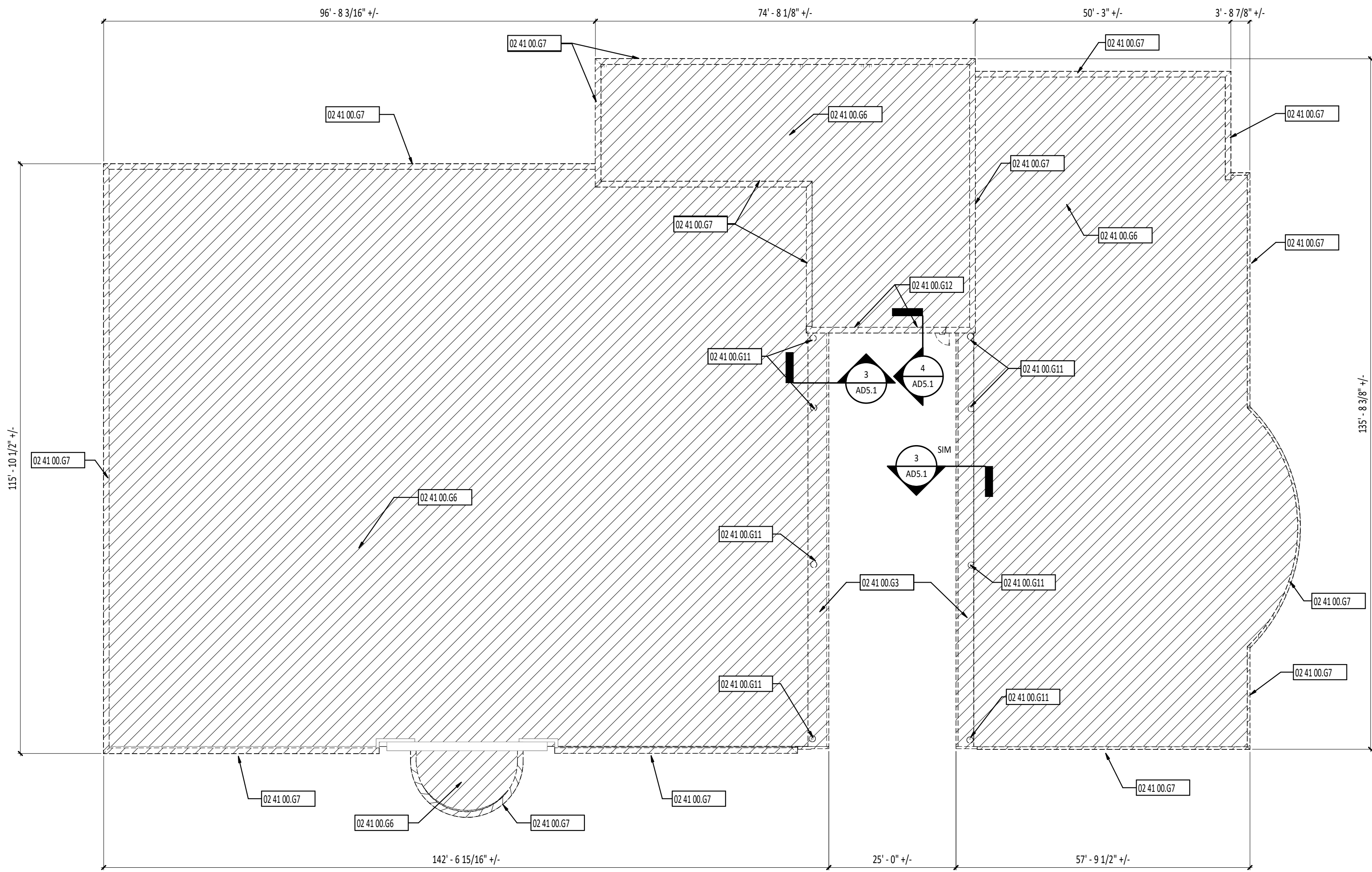
280 SOUTH GARBER DRIVE, TIPP CITY, OHIO 45371

ISSUANCES/REVISIONS	
DD PHASE SUBMISSION	12/01/2022

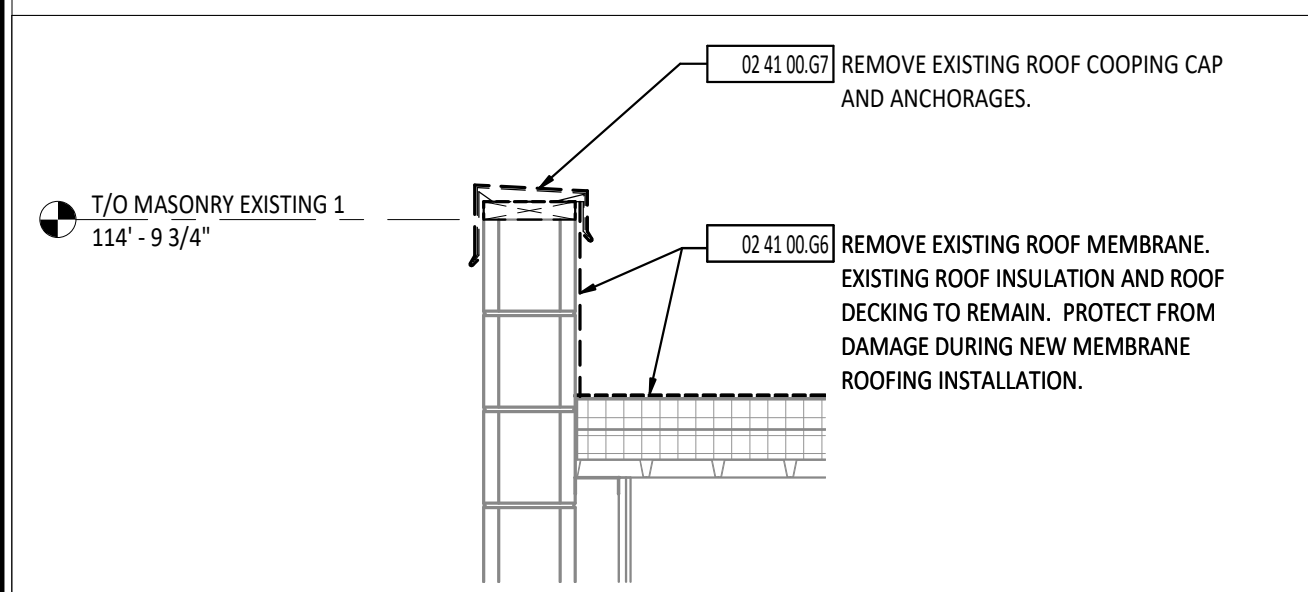
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	Author	Checker

SHEET TITLE:
FIRST FLOOR DEMOLITION PLAN

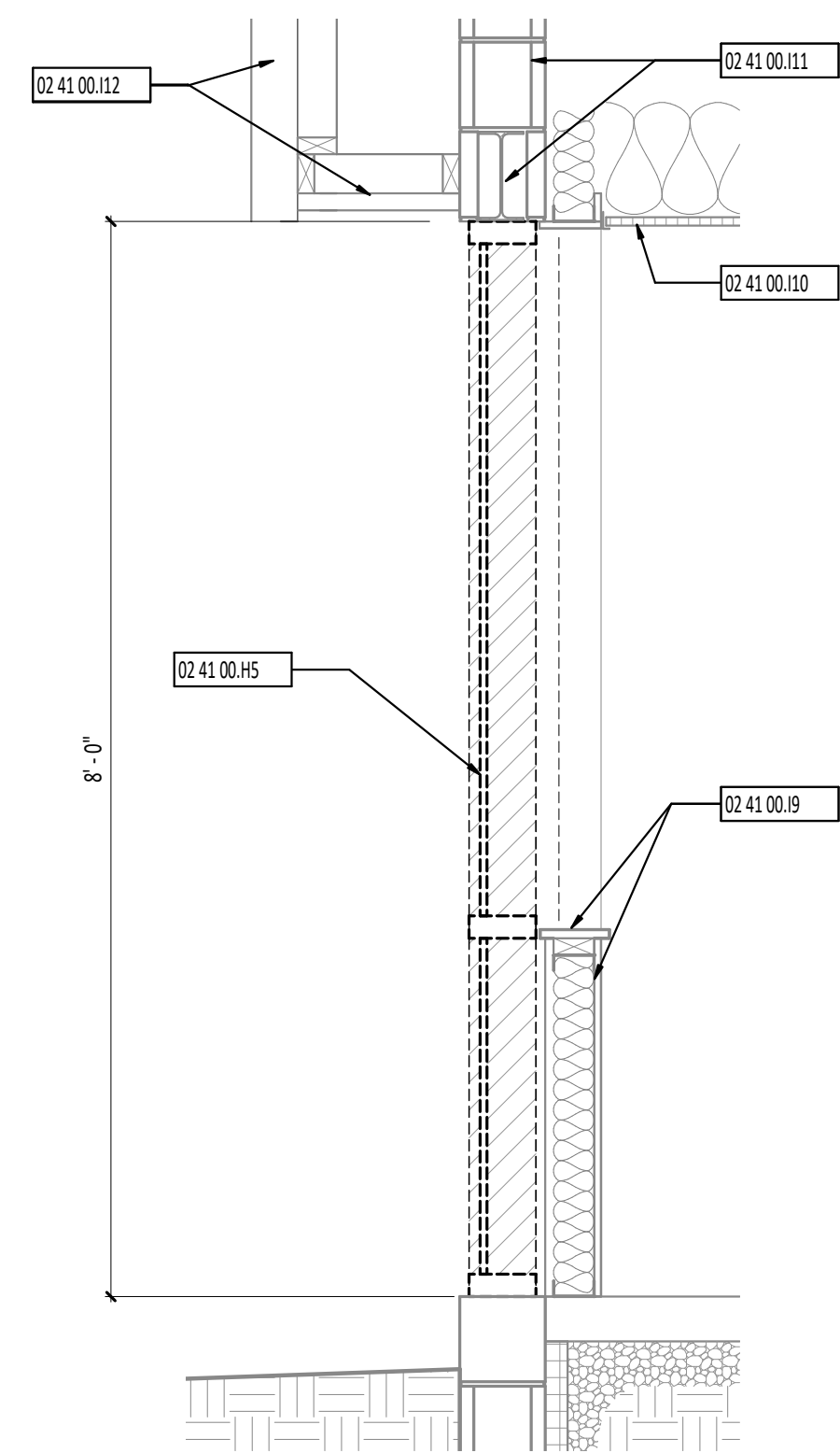
SHEET NUMBER:
AD1.1



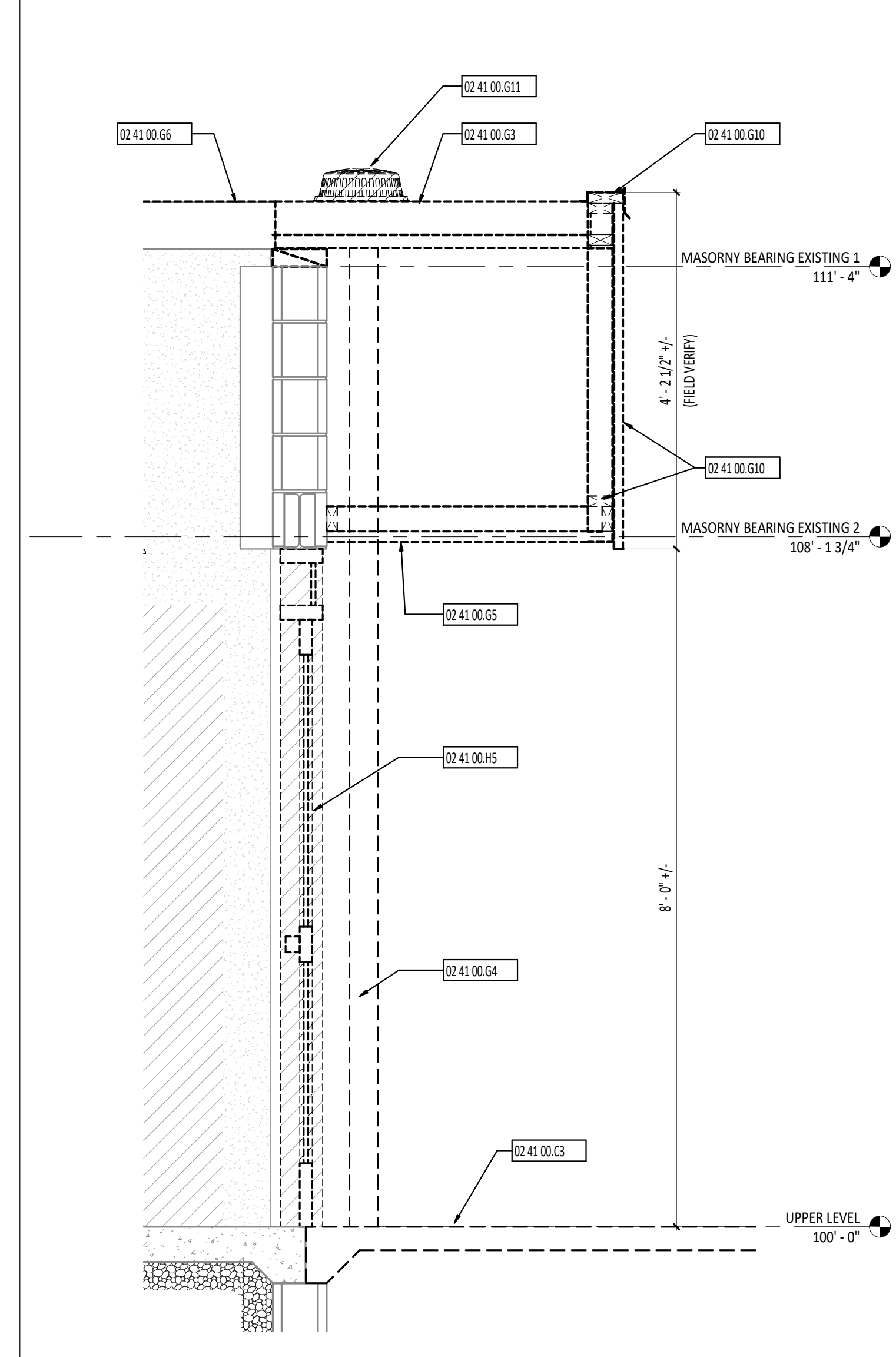
1 DEMOLITION ROOF PLAN
1/16" = 1'-0"



4 DEMOLITION SECTION DETAIL
3/4" = 1'-0"



2 DEMOLITION WALL SECTION
3/4" = 1'-0"



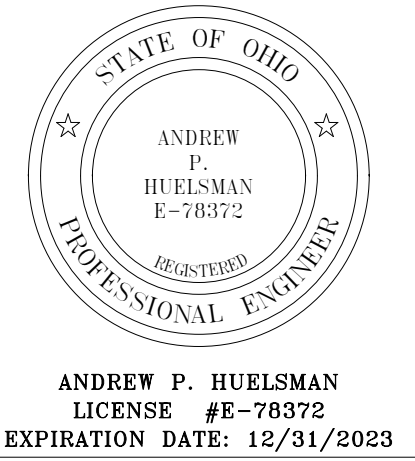
3 DEMOLITION WALL SECTION
3/4" = 1'-0"

FLOOR PLAN SYMBOLS LEGEND

ROOM DESIGNATION - REFERENCE ROOM INDEX.
 ROOM DESIGNATION - REFERENCE ROOM INDEX.
 EXTERIOR ELEVATION - DETAIL NUMBER SHEET NUMBER.
 EXTERIOR ELEVATION - DETAIL NUMBER SHEET NUMBER.
 SECTION - DETAIL NUMBER SHEET NUMBER.
 SECTION - DETAIL NUMBER SHEET NUMBER.
 DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 KEYNOTE DESIGNATION - SPECIFICATION SECTION.

DEMOLITION ROOF PLAN GENERAL NOTES

#	KEYNOTE DESCRIPTION
02 41 00.03	REMOVE EXISTING CONCRETE STOOP. REFERENCE SITE DEMOLITION DRAWINGS.
02 41 00.03	REMOVE EXISTING ROOF, INSULATION, FLASHING, AND DECKING IN ITS ENTIRETY.
02 41 00.04	REMOVE EXISTING DOWNPOUT.
02 41 00.05	REMOVE EXISTING SOFFIT.
02 41 00.06	REMOVE EXISTING ROOF MEMBRANE, EXISTING ROOF INSULATION AND ROOF DECKING TO REMAIN. PROTECT FROM DAMAGE DURING NEW MEMBRANE ROOFING INSTALLATION.
02 41 00.07	REMOVE EXISTING ROOF COOPING CAP AND ANCHORAGES.
02 41 00.G10	REMOVE EXISTING SOFFIT AND PARAPET WALL ASSEMBLY FLASHING AND TRIM.
02 41 00.G11	REMOVE EXISTING ROOF DRAIN AND CONNECTED DOWNPOUT. REFERENCE PLUMBING DRAWINGS.
02 41 00.G12	REMOVE EXISTING SCUPPER, TRIM AND DOWNPOUT - FILL IN SCUPPER OPENING - MATCH EXISTING WALL CONSTRUCTION.
02 41 00.H5	REMOVE EXISTING STOREFRONT WINDOW SYSTEM - PREPARE FOR NEW WORK.
02 41 00.I9	EXISTING WALL AND SILL TO REMAIN - PROTECT DURING DEMO OF STORE FRONT WINDOW SYSTEM AND NEW WALL INFILL - PATCH OR REPLACE DAMAGE SILL AS REQUIRED - NEW SILL TO MATCH EXISTING IN PROFILE AND MATERIAL.
02 41 00.I10	EXISTING ACOUSTICAL CEILING TILE CEILING AND GRID TO REMAIN - PROTECT DURING DEMOLITION OF EXISTING WINDOW AND INSTALLATION OF NEW STOREFRONT WINDOW SYSTEM - REPLACE AND REPAIR ALL DAMAGE TILE AND GRID - MATCH EXISTING.
02 41 00.I11	EXISTING WALL AND STRUCTURE TO REMAIN - PROTECT DURING DEMOLITION OF EXISTING WINDOW AND INSTALLATION OF NEW STOREFRONT WINDOW SYSTEM - REPLACE AND REPAIR ALL DAMAGE - MATCH EXISTING.
02 41 00.I12	EXISTING PARAPET AND SOFFIT CONSTRUCTION TO REMAIN - PROTECT DURING DEMOLITION OF EXISTING WINDOW AND INSTALLATION OF NEW STOREFRONT WINDOW SYSTEM - REPLACE AND REPAIR ALL DAMAGE - MATCH EXISTING.



**TIPP CITY GOVERNMENT
BUILDING INFILL**

280 SOUTH GARBER DRIVE, TIPP CITY, OHIO 45371

ISSUANCES/REVISIONS

DD PHASE SUBMISSION	12/01/2022
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PROJECT NUMBER: 22094.00

DRAWN BY: MD8	CHECKED BY: LHL
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SHEET TITLE:
**ROOF DEMOLITION
PLAN / DETAILS**

SHEET NUMBER:
AD5.1

#	KEYNOTE DESCRIPTION
02 41 00.610	REMOVE EXISTING SOFFIT AND PARAPET WALL ASSEMBLY FLASHING AND TRIM.
02 41 00.13	REMOVE EXISTING ACOUSTICAL CEILING TILE CEILING AND GRID
02 41 00.14	SALVAGE AND REMOVE EXISTING ACOUSTICAL CEILING TILE CEILING AS REQUIRED FOR OTHER TRADES - REINSTALL CEILING.



ANDREW P. HUELSMAN
 LICENSE #R-78372
 EXPIRATION DATE: 12/31/2023



**TIPP CITY GOVERNMENT
 BUILDING INFILL**

280 SOUTH GARBER DRIVE, TIPP CITY, OHIO 45371

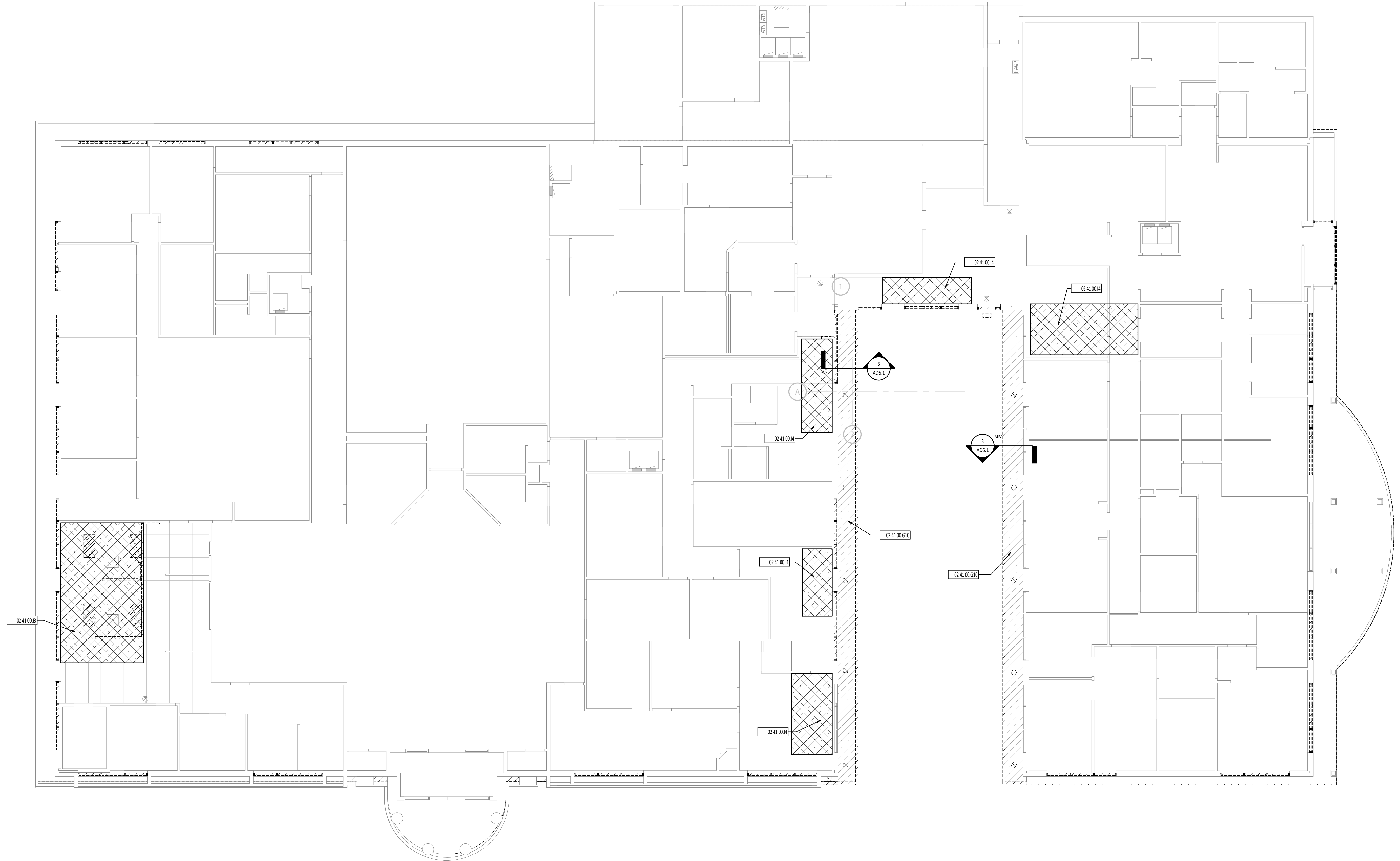
ISSUANCES/REVISIONS

DD PHASE SUBMISSION	12/01/2022
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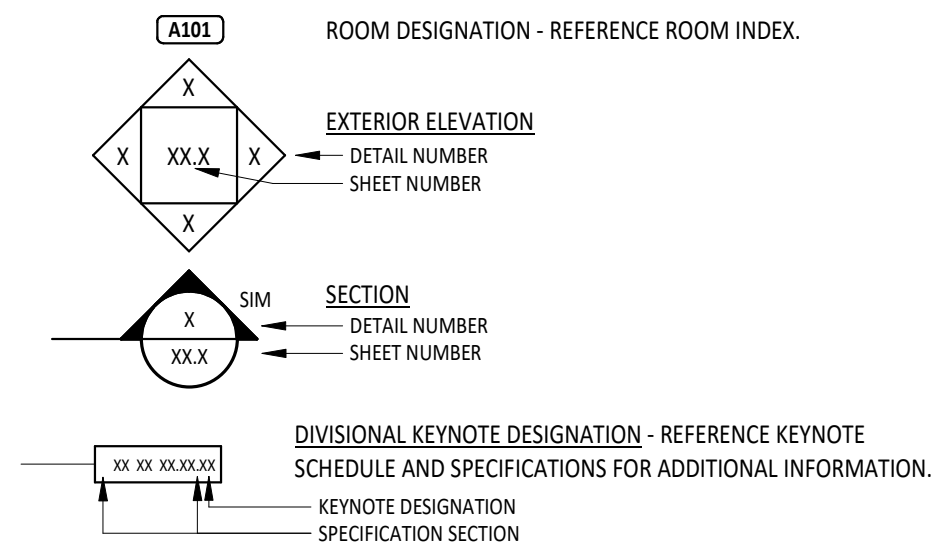
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	MD8	Checker

SHEET TITLE:
**FIRST FLOOR
 DEMOLITION
 REFLECTED CEILING
 PLAN**

SHEET NUMBER:
AD7.1



FLOOR PLAN SYMBOLS LEGEND

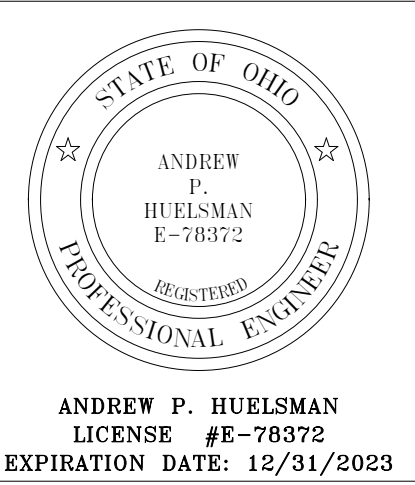
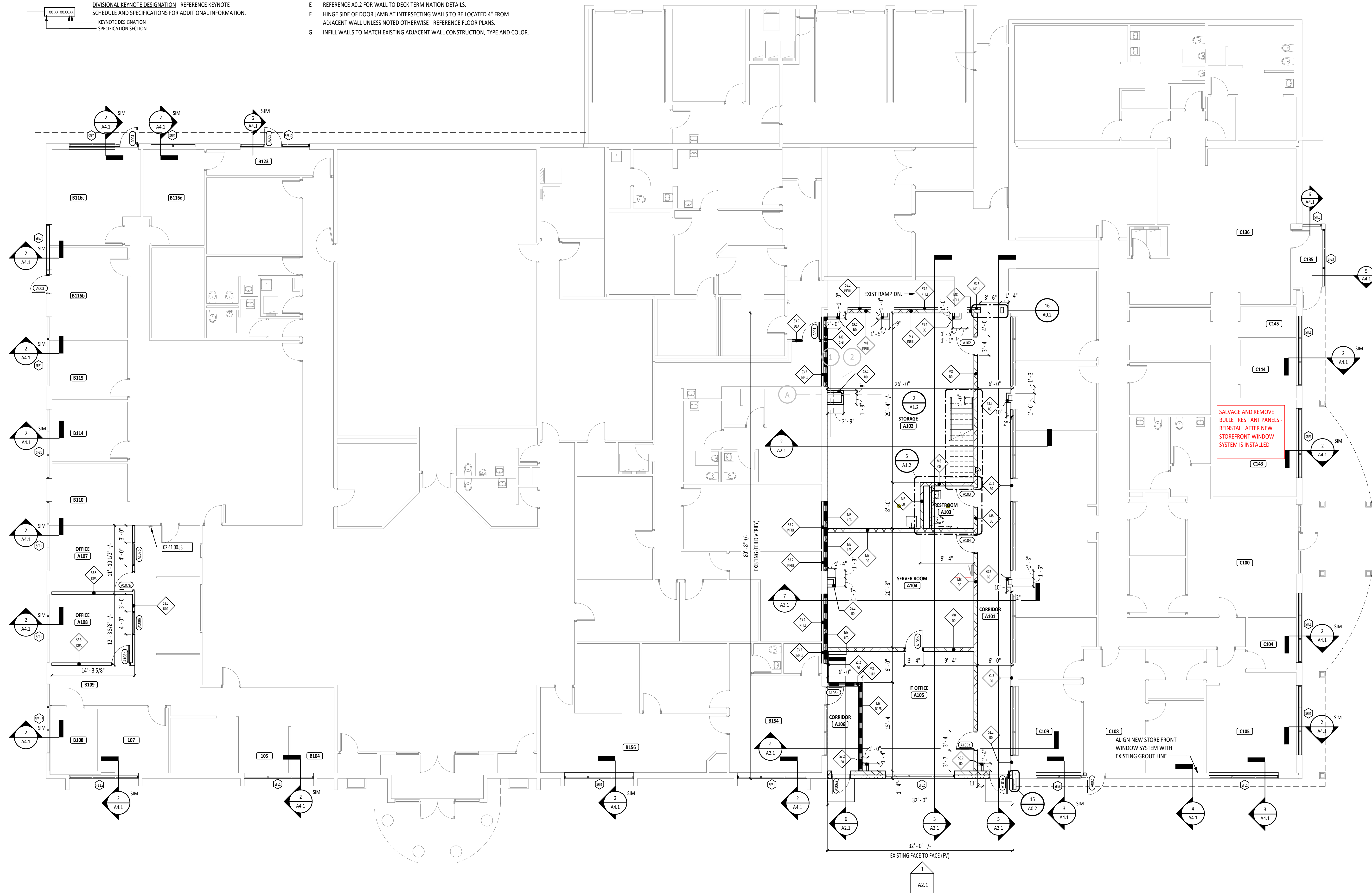


FLOOR PLAN GENERAL NOTES

- A ALL DIMENSIONS ARE MEASURED TO THE FACE OF MASONRY OR THE FACE OF METAL STUD UNLESS NOTED OTHERWISE.
- B ALL CMU CORNERS, HORIZONTAL OR VERTICAL, SHALL BE BULLNOSE UNLESS NOTED OR DETAILED OTHERWISE.
- C INSTALL TREATED WOOD BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, ACCESSORIES, HANDRAILS, CASEWORK, ETC. COORDINATE THIS WORK WITH ALL APPROPRIATE CONTRACTORS, SUPPLIERS AND MANUFACTURERS RECOMMENDATIONS.
- D CAULK AT ALL CMU TO GYPSUM WALLBOARD WALLS.
- E REFERENCE A0.2 FOR WALL TO DECK TERMINATION DETAILS.
- F HINGE SIDE OF DOOR JAMB AT INTERSECTING WALLS TO BE LOCATED 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE - REFERENCE FLOOR PLANS.
- G INFILL WALLS TO MATCH EXISTING ADJACENT WALL CONSTRUCTION, TYPE AND COLOR.

FIRE EXTINGUISHER / CABINET SCHEDULE		
MARK	DESCRIPTION	NOTES
FE-10	FIRE EXTINGUISHER - 10.0LB - CLASS A-B-C	FURNISHED AND INSTALLED BY GC
FEC-5	SEMI-RECESSED FIRE EXTINGUISHER CABINET	FURNISHED AND INSTALLED BY GC - REFERENCE DETAIL 15/A0.2

FIRST FLOOR PLAN ROOM INDEX - OVERALL			
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	CORRIDOR	456 SF	
A102	STORAGE	860 SF	3
A103	RESTROOM	54 SF	
A104	SERVER ROOM	506 SF	2
A105	IT OFFICE	432 SF	4
A106	CORRIDOR	79 SF	
A107	OFFICE	161 SF	2
A108	OFFICE	166 SF	2
A201	STORAGE	884 SF	3



TIPP CITY GOVERNMENT BUILDING INFILL

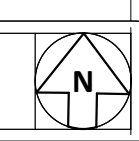
ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

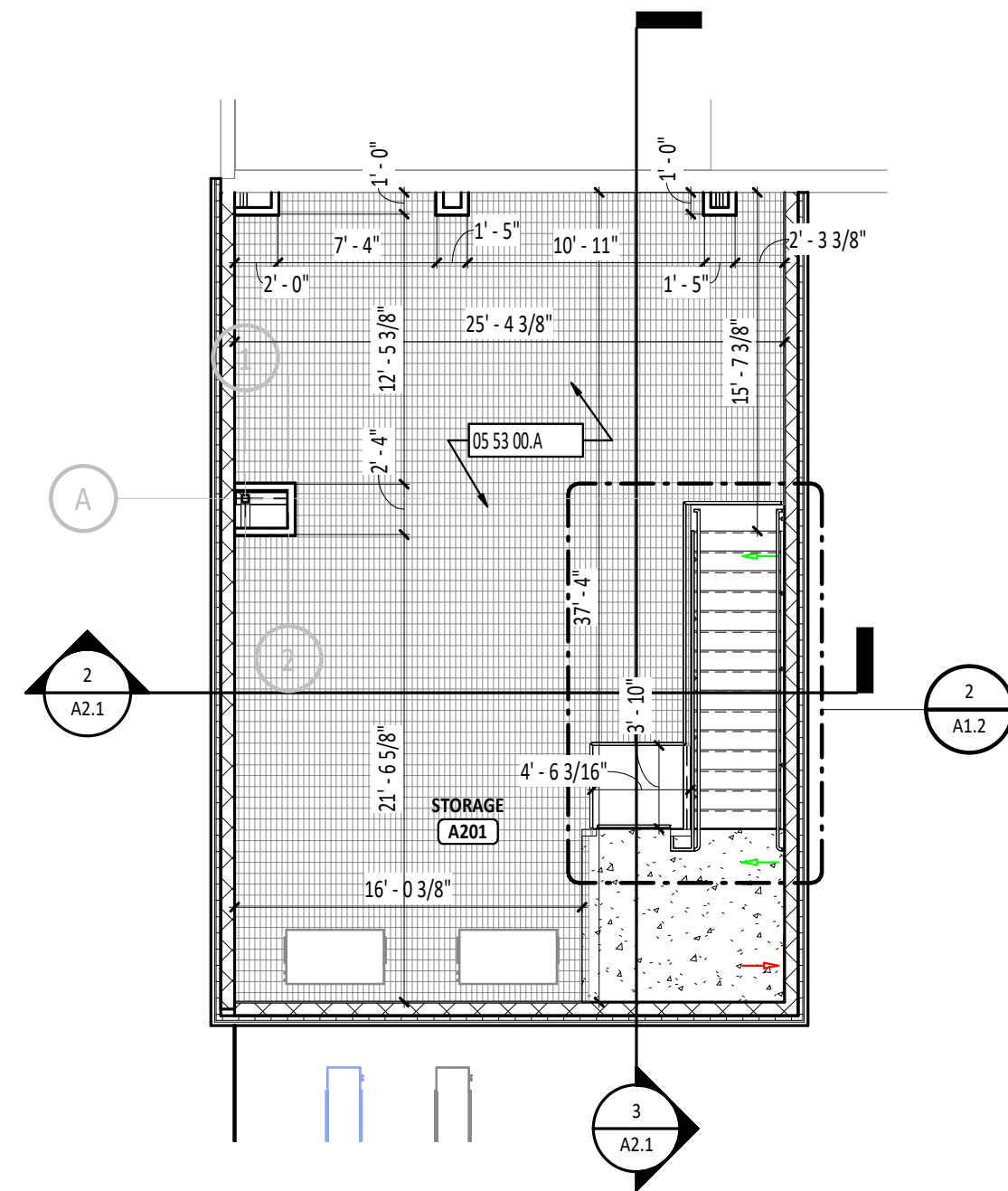
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	MOB	LKL

SHEET TITLE:
FIRST FLOOR PLAN

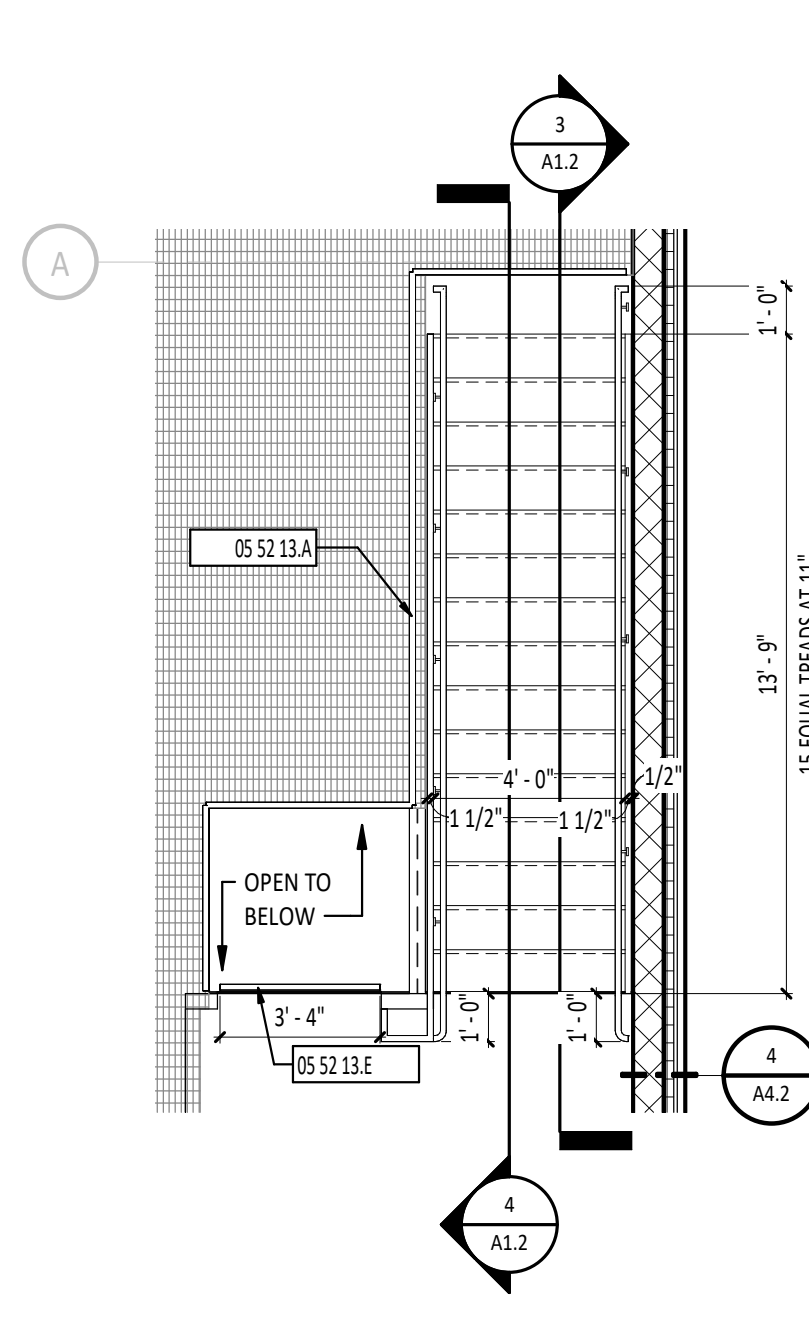
SHEET NUMBER:
A1.1

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

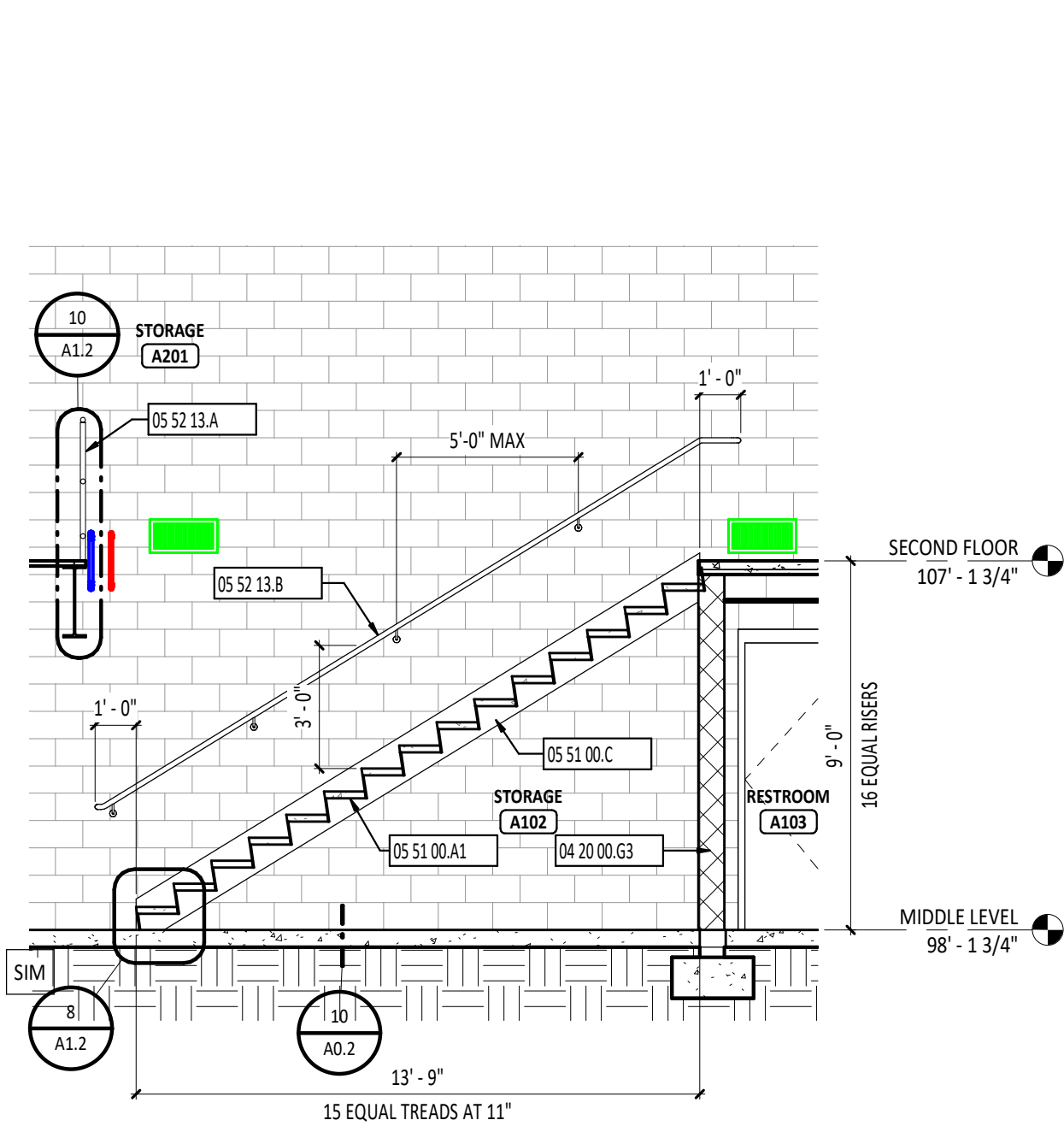




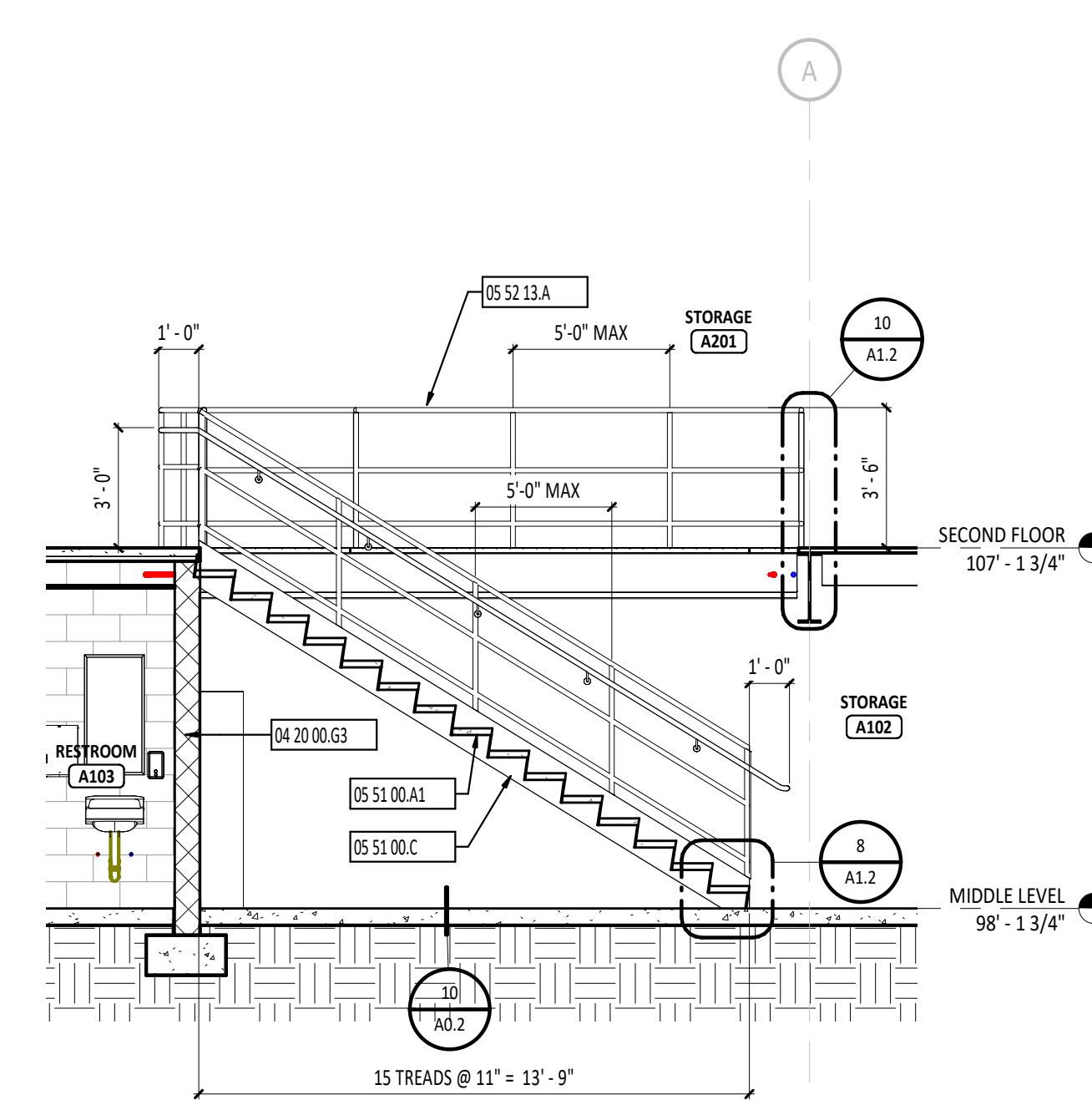
1 SECOND FLOOR PLAN
1/8" = 1'-0"



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



3 STAIR SECTION
1/4" = 1'-0"



4 STAIR SECTION
1/4" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA
A201	STORAGE	884 SF

FLOOR PLAN SYMBOLS LEGEND

ROOM DESIGNATION - REFERENCE ROOM INDEX.

EXTERIOR ELEVATION
DETAIL NUMBER
SHEET NUMBER

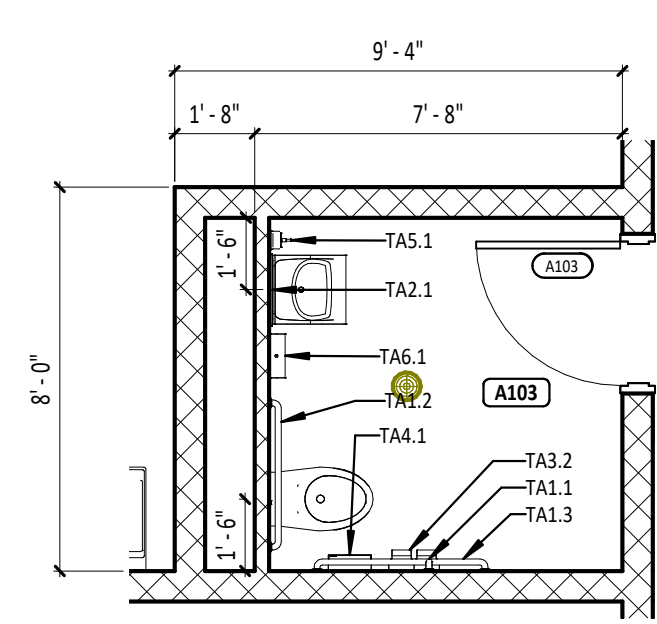
SECTION
DETAIL NUMBER
SHEET NUMBER

DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
KEYNOTE DESIGNATION
SPECIFICATION SECTION

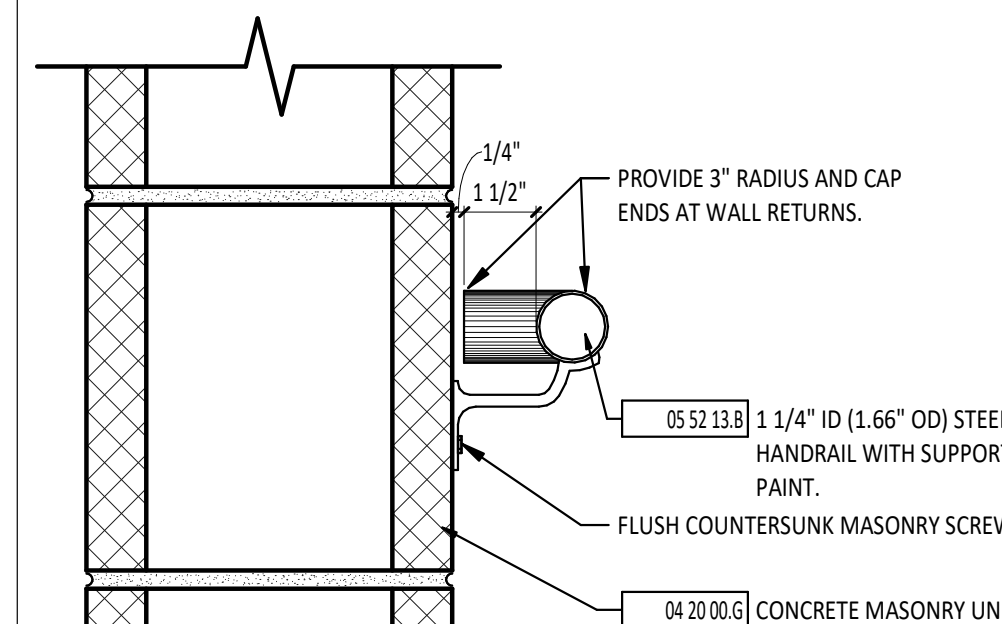
FLOOR PLAN GENERAL NOTES

- A ALL DIMENSIONS ARE MEASURED TO THE FACE OF MASONRY OR THE FACE OF METAL STUD UNLESS NOTED OTHERWISE.
- B ALL CMU CORNERS, HORIZONTAL OR VERTICAL, SHALL BE BULLNOSE UNLESS NOTED OR DETAILED OTHERWISE.
- C INSTALL TREATED WOOD BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, ACCESSORIES, HANDRAILS, CASEWORK, ETC. COORDINATE THIS WORK WITH ALL APPROPRIATE CONTRACTORS, SUPPLIERS AND MANUFACTURERS RECOMMENDATIONS.
- D CAULK AT ALL CMU TO GYPSUM WALLBOARD WALLS.
- E REFERENCE A0.2 FOR WALL TO DECK TERMINATION DETAILS.
- F HINGE SIDE OF DOOR/JAMB AT INTERSECTING WALLS TO BE LOCATED 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE - REFERENCE FLOOR PLANS.
- G INFILL WALLS TO MATCH EXISTING ADJACENT WALL CONSTRUCTION, TYPE AND COLOR.

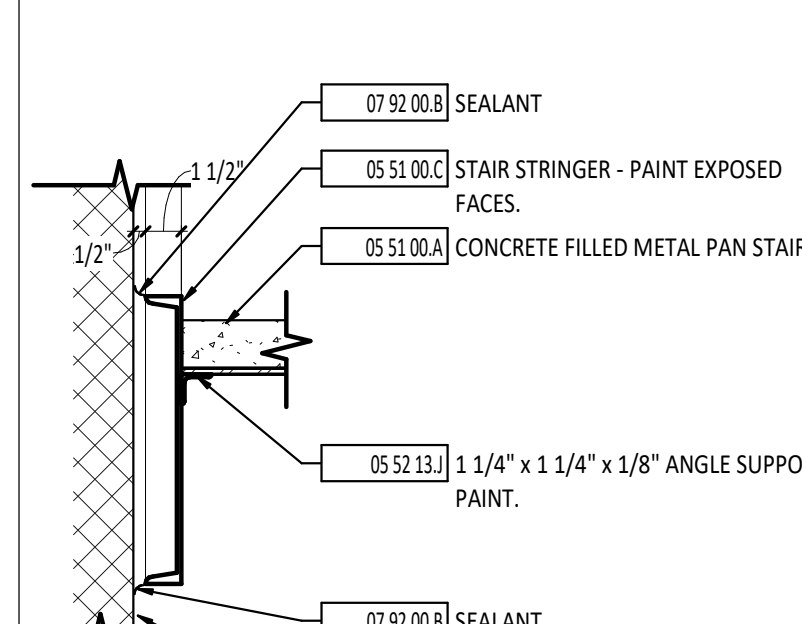
STAIR GENERAL NOTES



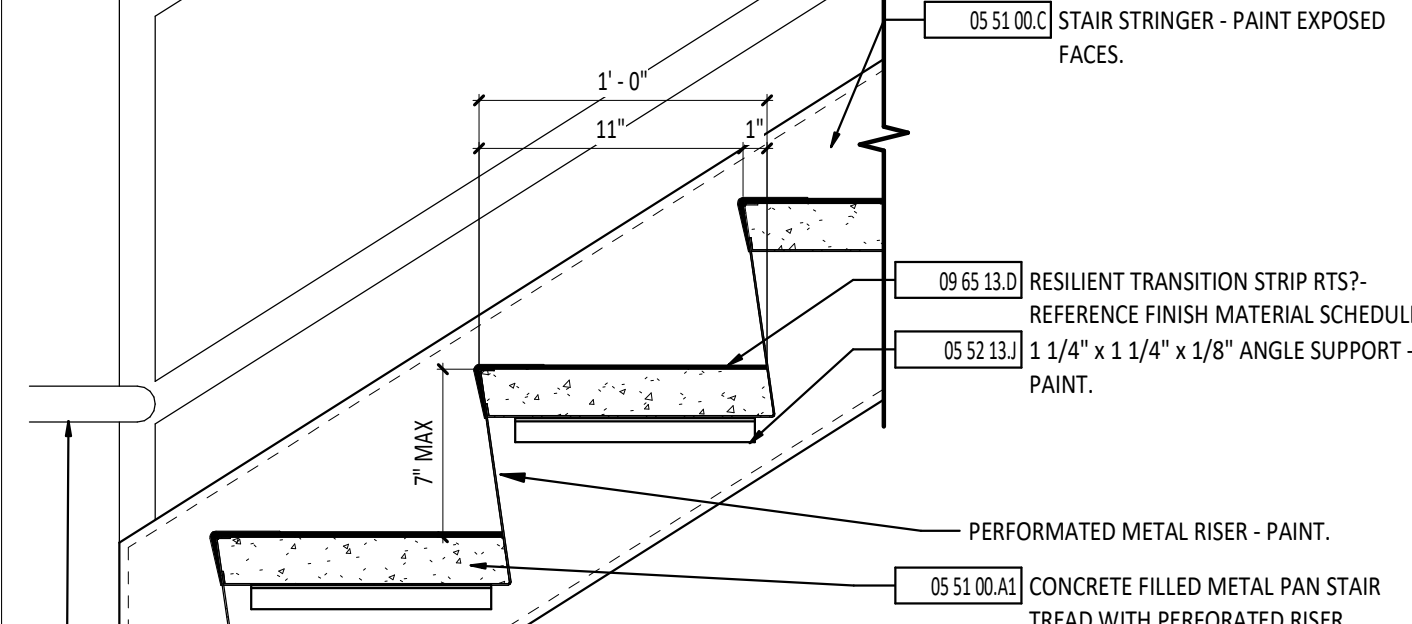
5 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



6 METAL HANDRAIL - WALL CONNECTION
3" = 1'-0"



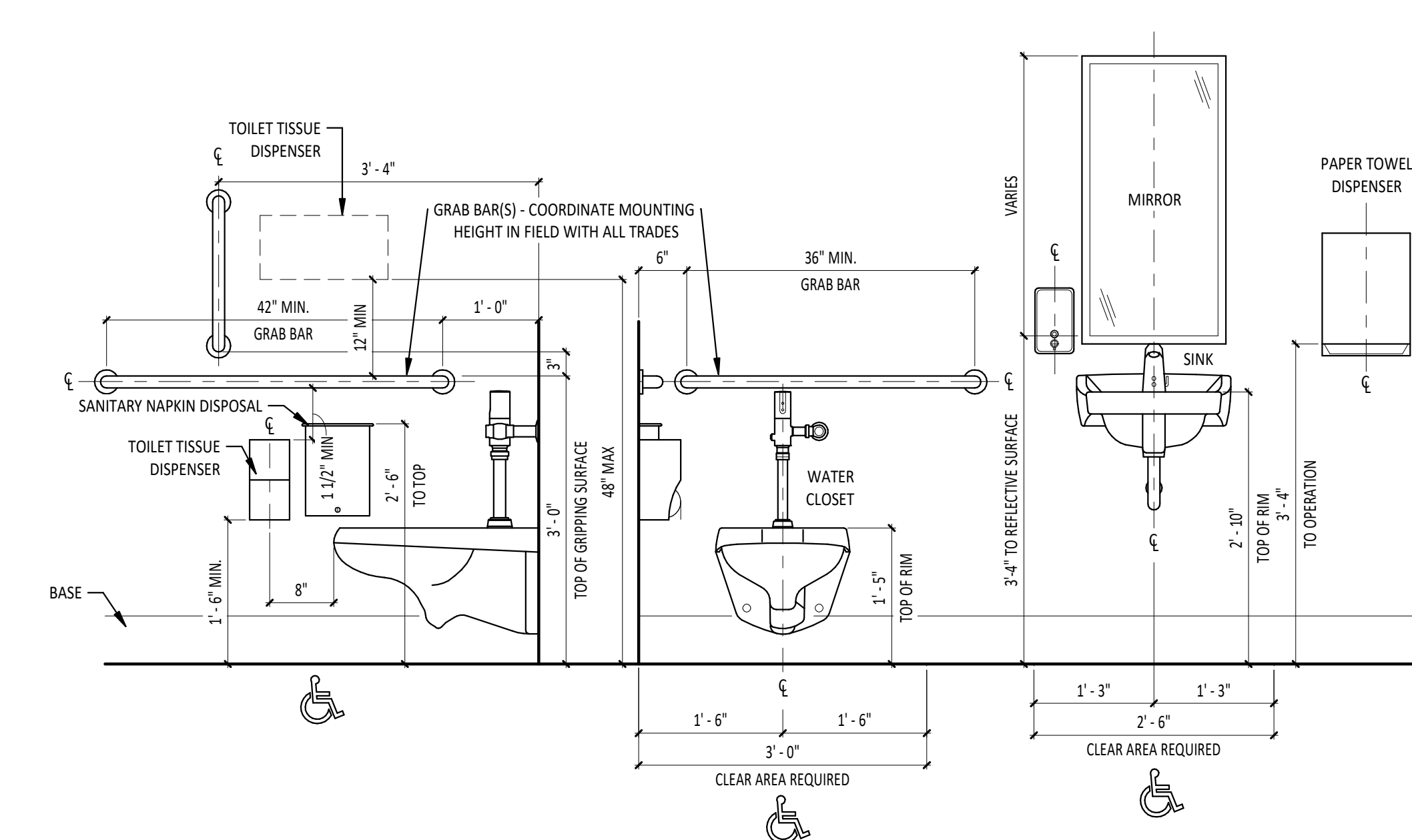
7 STRINGER DETAIL - PAN TREAD
1 1/2" = 1'-0"



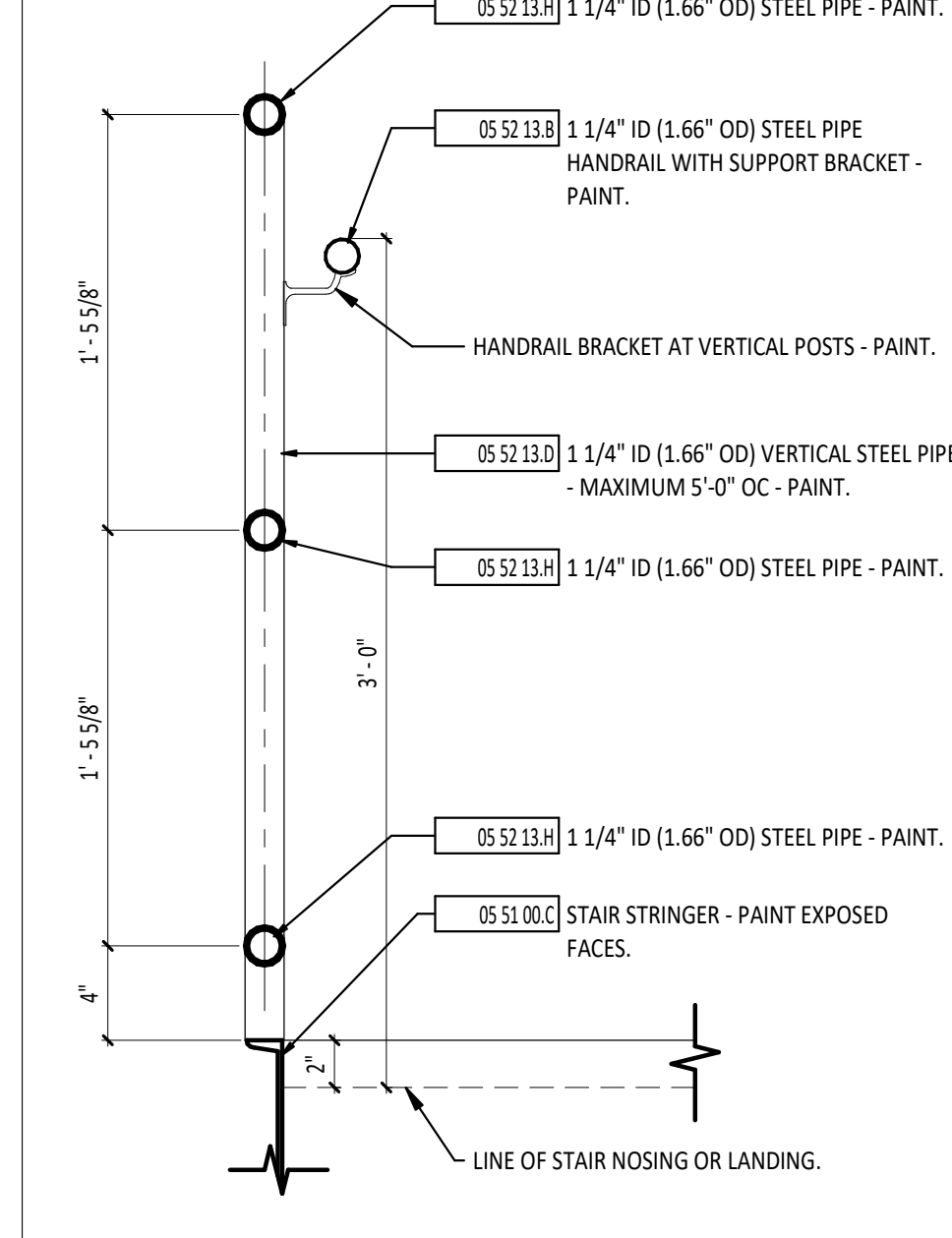
8 STAIR AT BASE - PAN STAIR
1 1/2" = 1'-0"

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

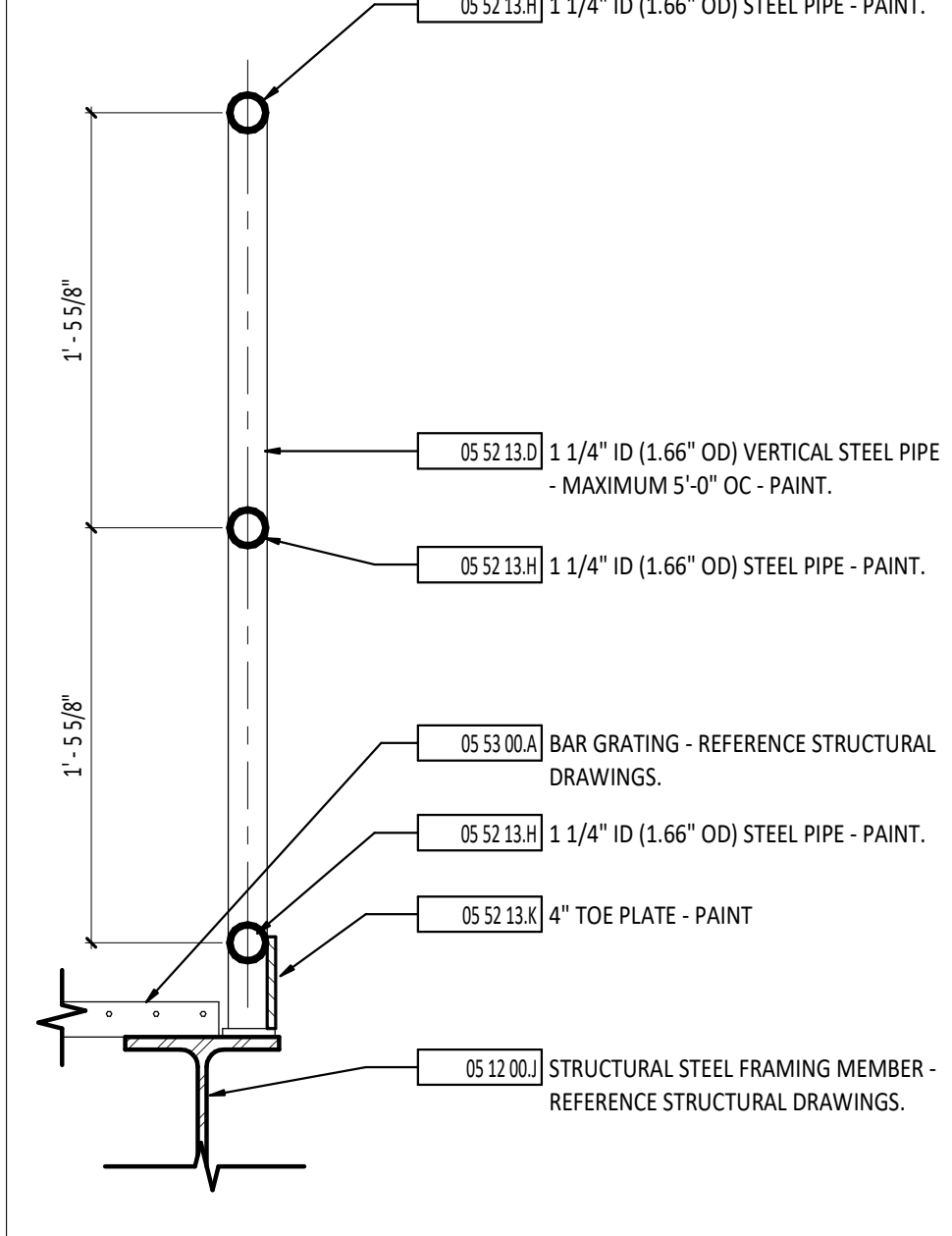
#	KEYNOTE DESCRIPTION
03 30 00.B1	4" CONCRETE SLAB ON METAL DECK - REFERENCE STRUCTURAL DRAWINGS.
04 20 00.F	CONCRETE MASONRY UNIT BOND BEAM - REFERENCE STRUCTURAL DRAWINGS.
04 20 00.G	CONCRETE MASONRY UNIT
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
05 12 00.A2	3/8" STEEL PLATE - PAINT
05 12 00.E	SUPPORT STEEL ANGLE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 51 00.A	CONCRETE FILLED METAL PAN STAIR
05 51 00.A1	CONCRETE FILLED METAL PAN STAIR TREAD WITH PERFORATED RISER WELDED TO 12" CHANNEL STRINGER - PAINT ALL EXPOSED SURFACES.
05 51 00.C	STAIR STRINGER - PAINT EXPOSED FACES.
05 52 13.A	GUARDRAIL - PAINT - REFERENCE DETAILS ON A1.2 FOR ADDITIONAL INFORMATION.
05 52 13.B	1 1/4" ID (1.66" OD) STEEL PIPE HANDRAIL WITH SUPPORT BRACKET - PAINT.
05 52 13.D	1 1/4" ID (1.66" OD) VERTICAL STEEL PIPE - MAXIMUM 5'-0" OC - PAINT.
05 52 13.E	REMOVABLE PIPE RAILING - PAINT.
05 52 13.G	STEEL PIPE HANDRAIL EXTENSION AT STAIR BASE - PAINT.
05 52 13.H	1 1/4" ID (1.66" OD) STEEL PIPE - PAINT.
05 52 13.J	1 1/4" x 1 1/4" x 1/8" ANGLE SUPPORT - PAINT.
05 52 13.K	4" TOE PLATE - PAINT
05 52 13.L	2" EXTRA STRONG PIPE (1.939" ID) - WELD TO PLATE - PAINT.
05 52 13.M	2" EXTRA STRONG PIPE - WELD TO 1 1/4" ID PIPE - PAINT
05 53 00.A	BAR GRATING - REFERENCE STRUCTURAL DRAWINGS.
07 92 00.B	SEALANT
09 65 13.D	RESILIENT TRANSITION STRIP RTS?- REFERENCE FINISH MATERIAL SCHEDULE.



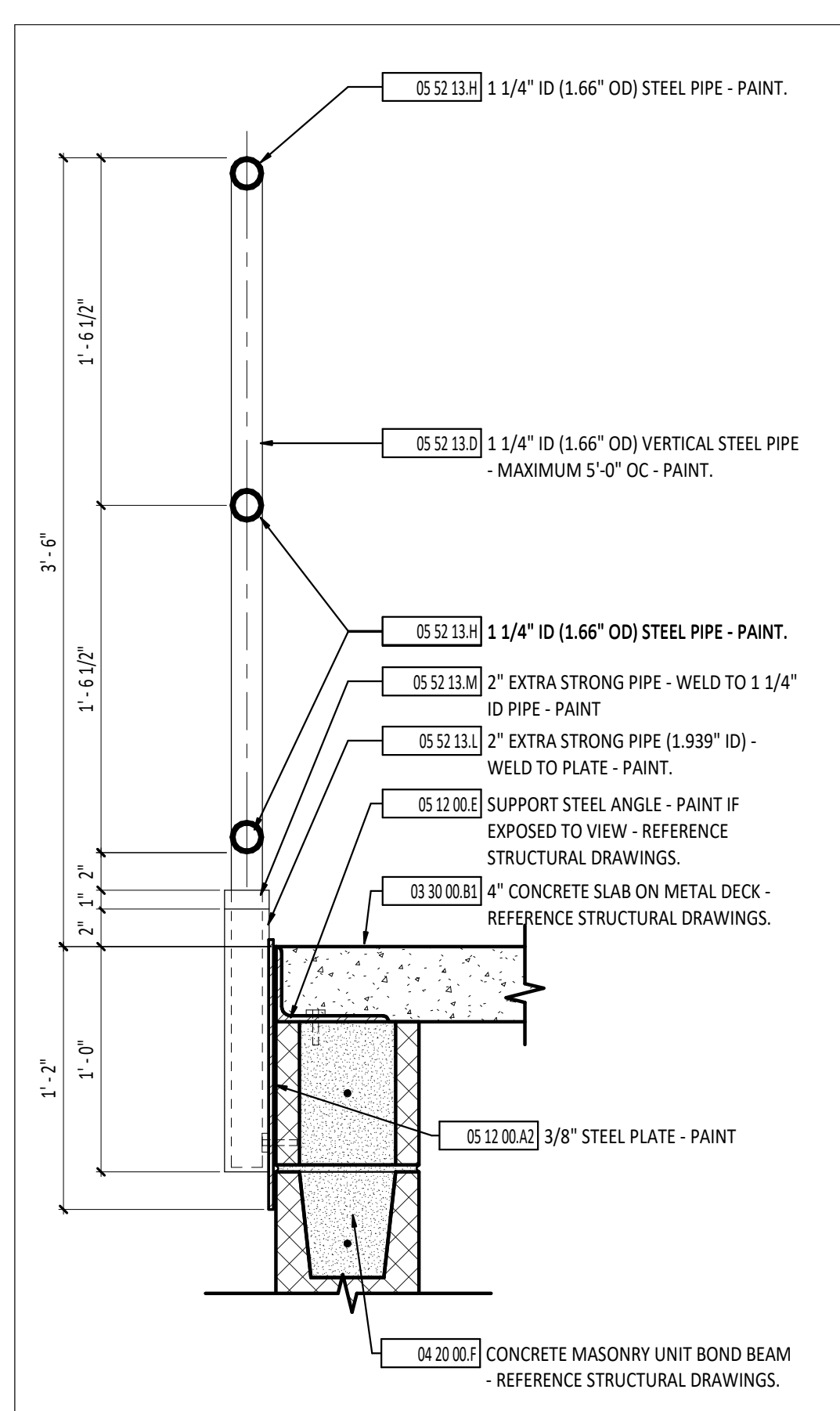
6A MOUNTING HEIGHTS
3/4" = 1'-0"



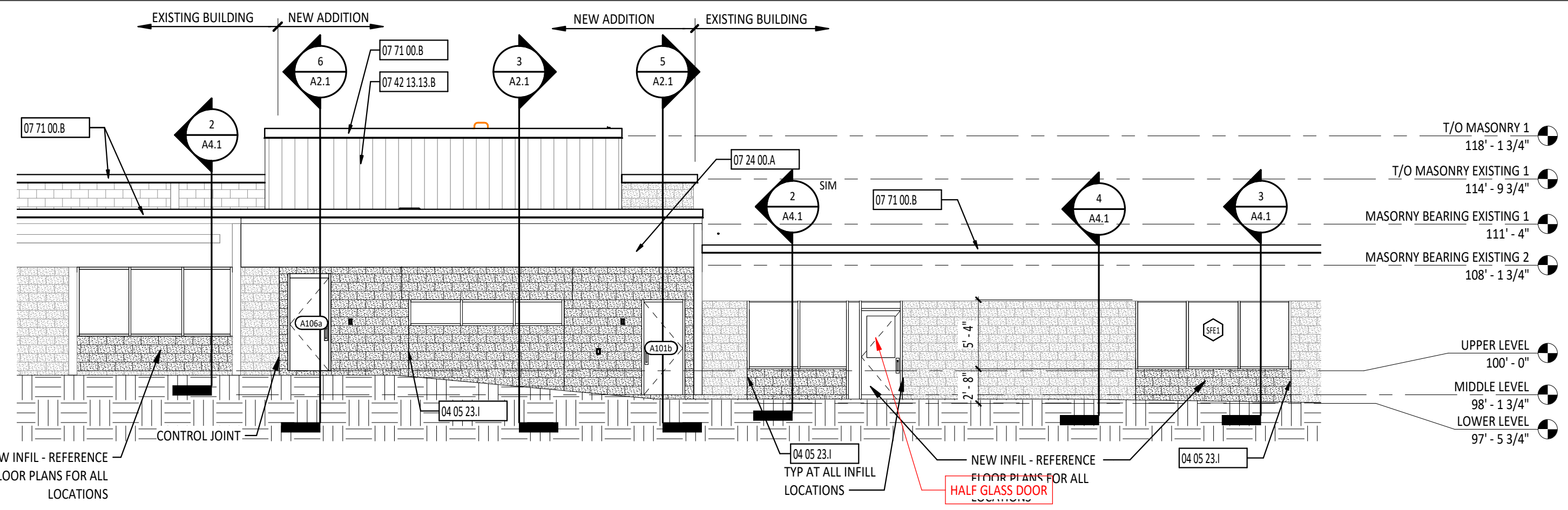
9 GUARDRAIL DETAIL
1 1/2" = 1'-0"



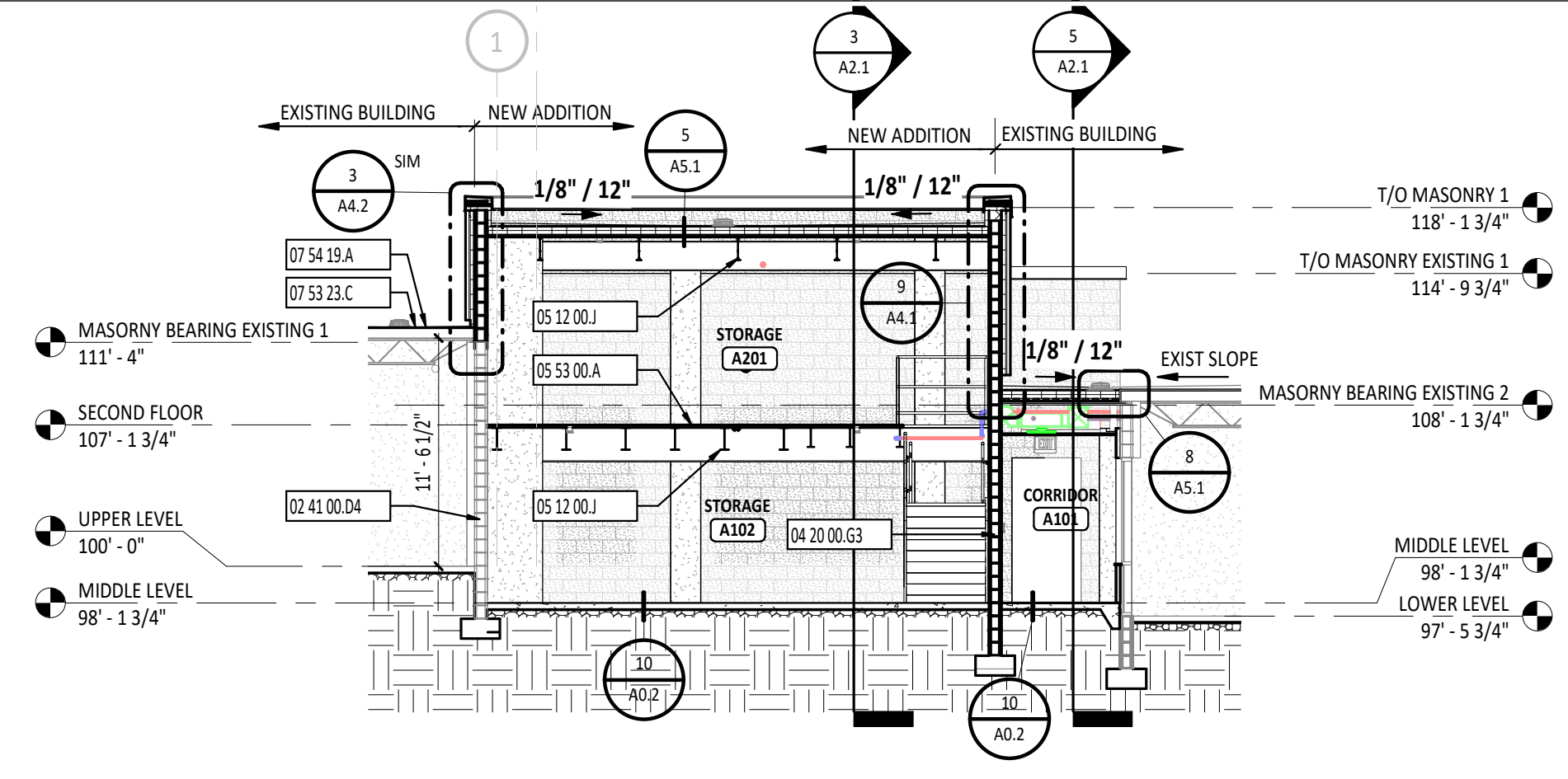
10 GUARDRAIL DETAIL
1 1/2" = 1'-0"



11 REMOVABLE GUARDRAIL DETAIL
1 1/2" = 1'-0"



1 PARTIAL SOUTH BUILDING ELEVATION
1/8" = 1'-0"



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

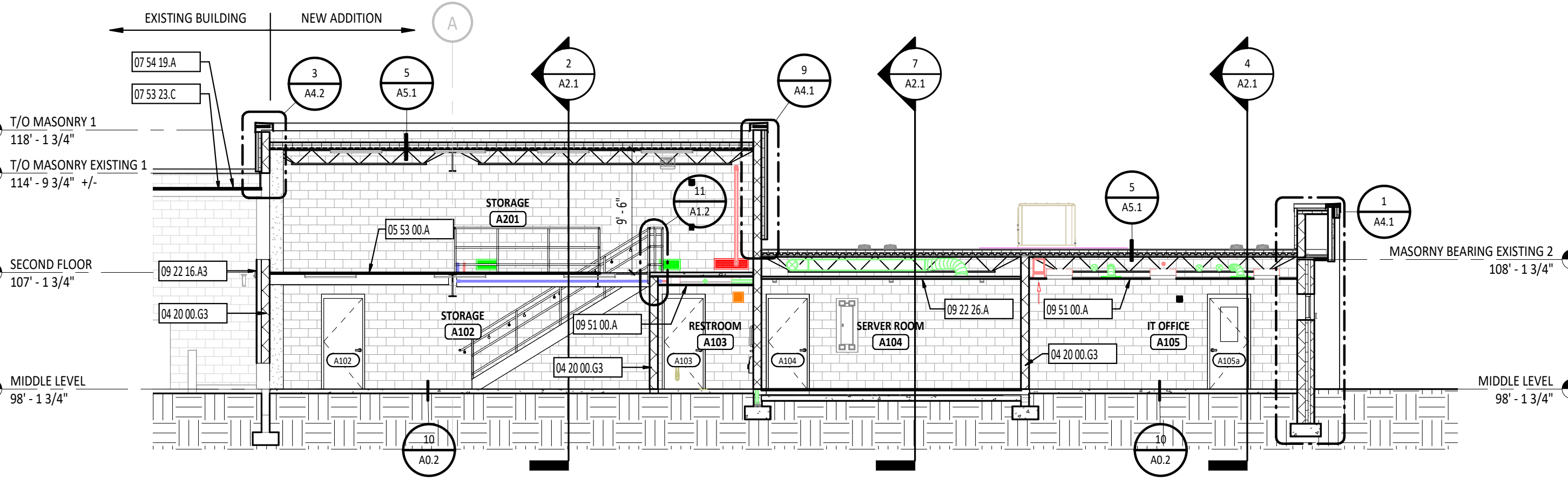
EXTERIOR ELEVATION GENERAL NOTES

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

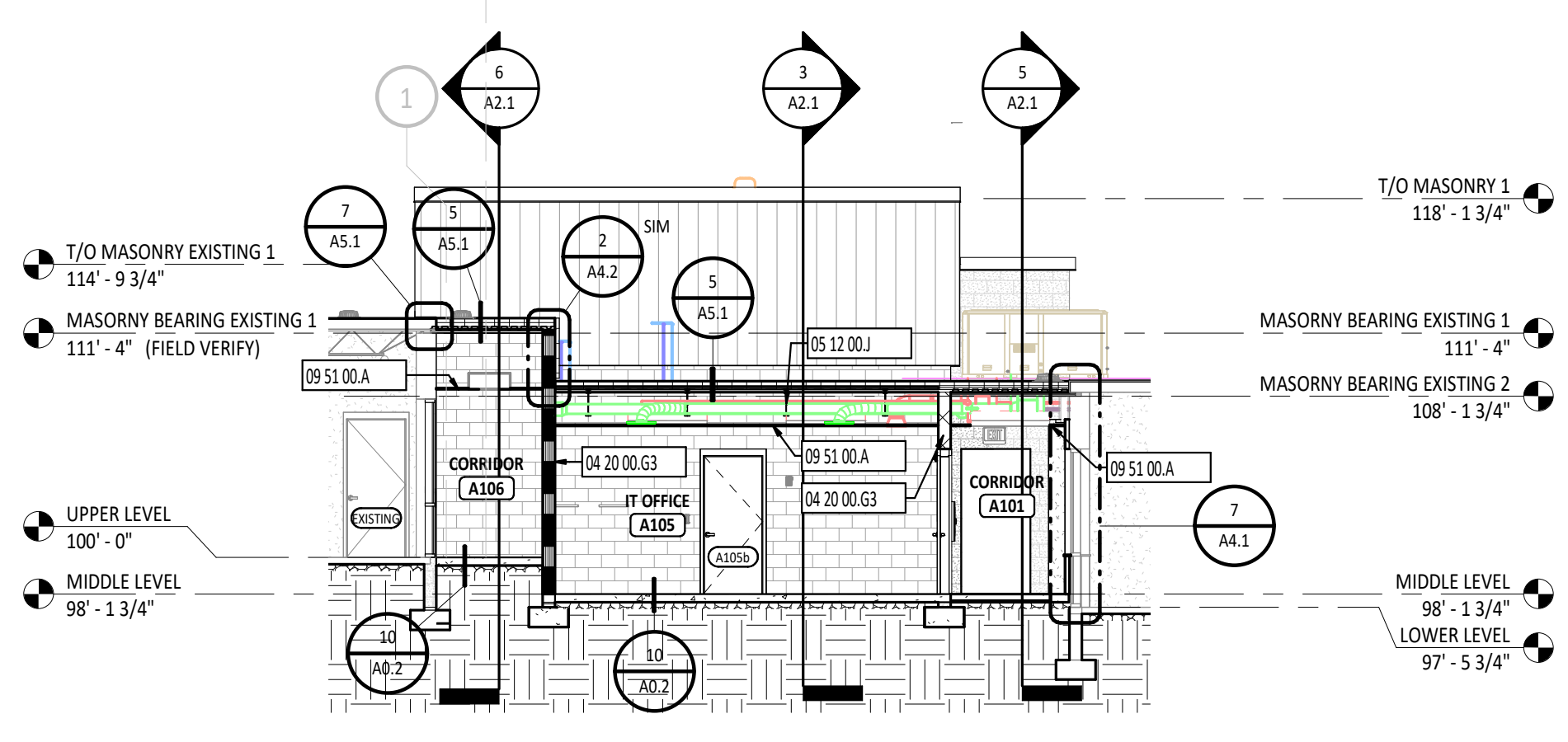
EXTERIOR ELEVATION SYMBOLS LEGEND

- DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- SIGNAGE DESIGNATION - REFERENCE SIGNAGE DETAILS.
- CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- LEVEL LINE
- STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- KEYNOTE DESIGNATION SPECIFICATION SECTION
- CALLOUT - DETAIL NUMBER SHEET NUMBER
- SECTION - DETAIL NUMBER SHEET NUMBER

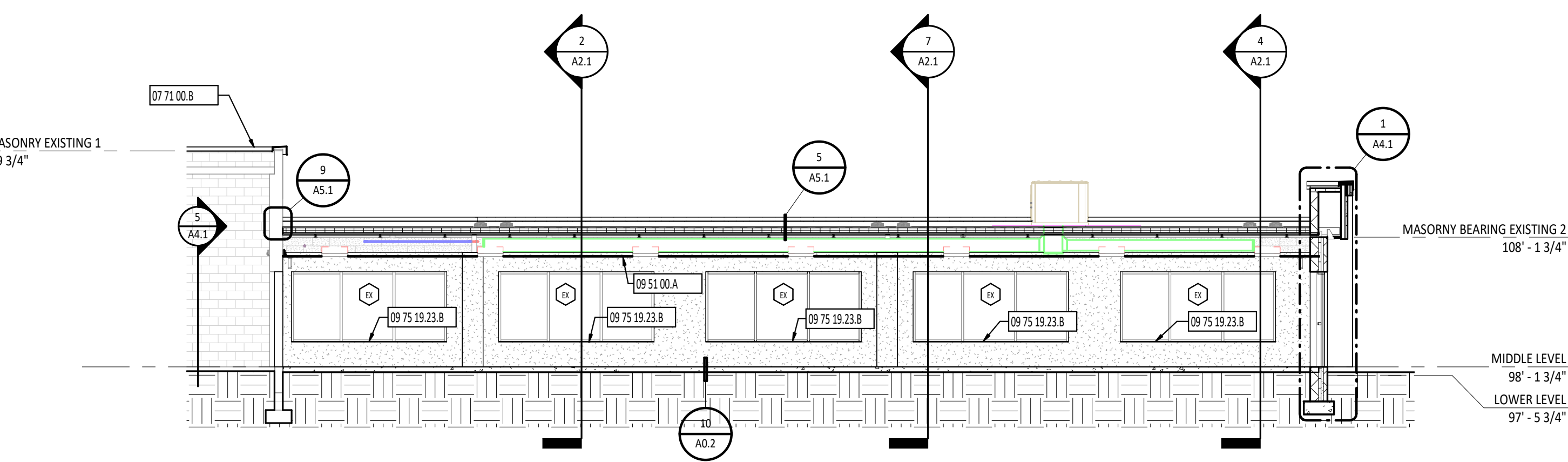
#	KEYNOTE DESCRIPTION
02 41 00.D4	EXISTING CONCRETE MASONRY UNIT TO REMAIN.
04 05 23.1	CONTROL JOINT
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 53 00.A	BAR GRATING - REFERENCE STRUCTURAL DRAWINGS.
07 22 16.B	(2) LAYERS OF 2 1/2" MINIMUM ROOF BOARD INSULATION WITH TAPERED INSULATION OVERLAP - STAGGER JOINTS.
07 24 00.A	EXTERIOR INSULATION AND FINISH SYSTEM ON 1/2" EXTERIOR OSB BOARD
07 42 13.13.B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB
07 53 23.C	COVERBOARD
07 54 19.A	FULLY ADHERED PVC MEMBRANE ROOFING SYSTEM
07 71 00.B	PREFINISHED COPING WITH ANCHORAGES
09 22 16.A3	3 5/8" METAL STUDS AT 16" OC
09 22 26.A	GYPSUM WALLBOARD CEILING SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
09 75 19.23.B	SOLID SURFACE SILL



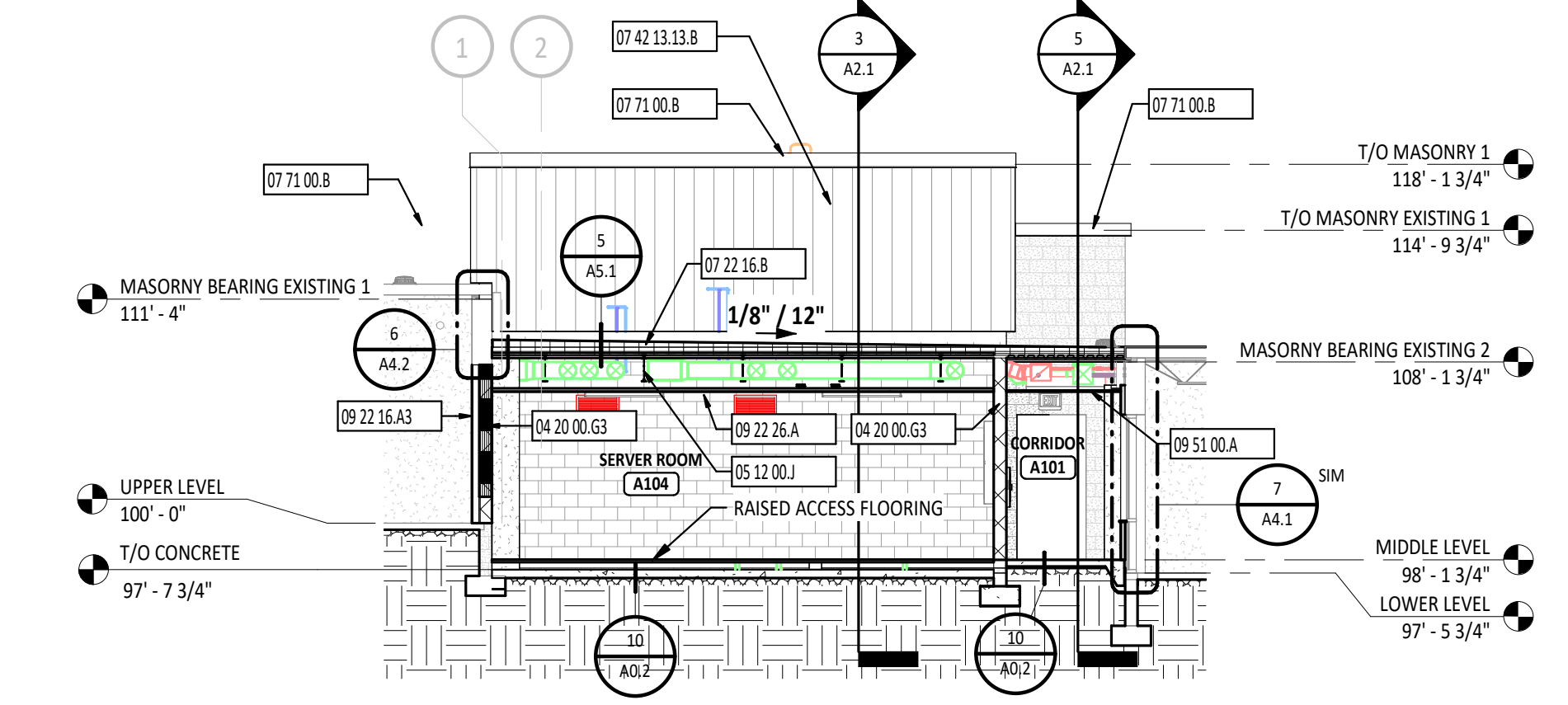
3 BUILDING SECTION
1/8" = 1'-0"



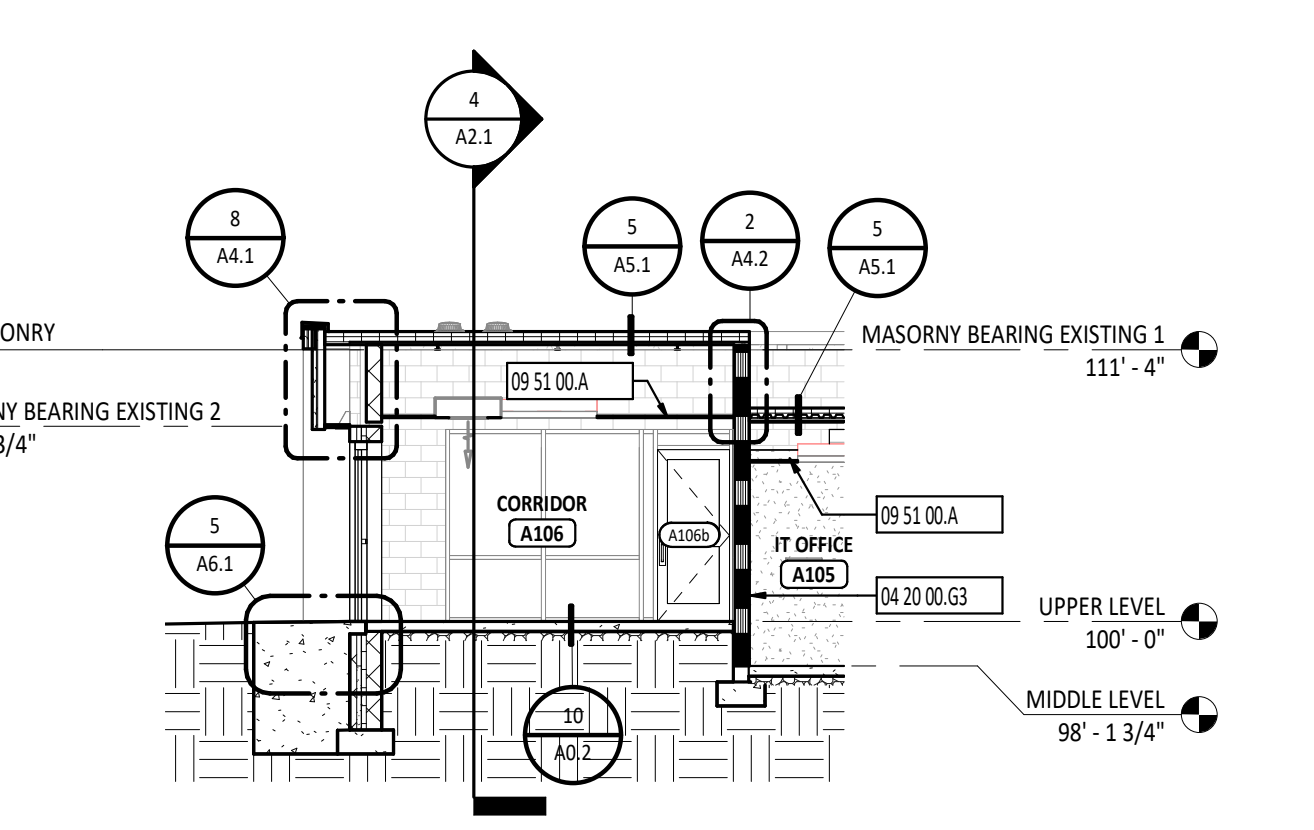
4 BUILDING SECTION
1/8" = 1'-0"



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



7 BUILDING SECTION
1/8" = 1'-0"



6 BUILDING SECTION
1/8" = 1'-0"

STATE OF OHIO
ANDREW P. HUELSMAN
E-78372
REGISTERED PROFESSIONAL ENGINEER
ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2023

GARMANN MILLER
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**TIPP CITY GOVERNMENT
BUILDING INFILL**
280 SOUTH GARBER DRIVE, TIPP CITY, OHIO 45371

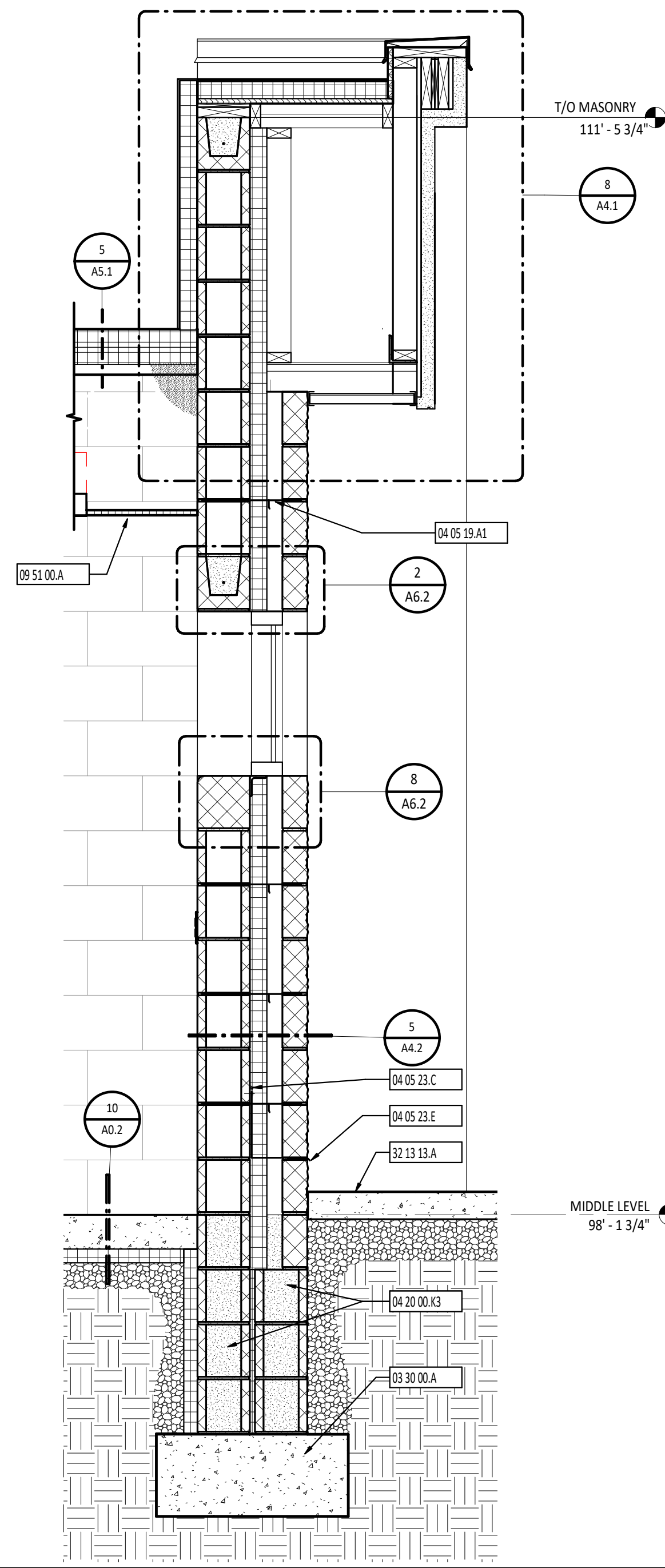
ISSUANCES/REVISIONS

BID DOCUMENTS	02/02/2023
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PROJECT NUMBER: **22094.00** DRAWN BY: **MDB** CHECKED BY: **UKL**

SHEET TITLE:
EXTERIOR ELEVATION / BUILDING SECTIONS

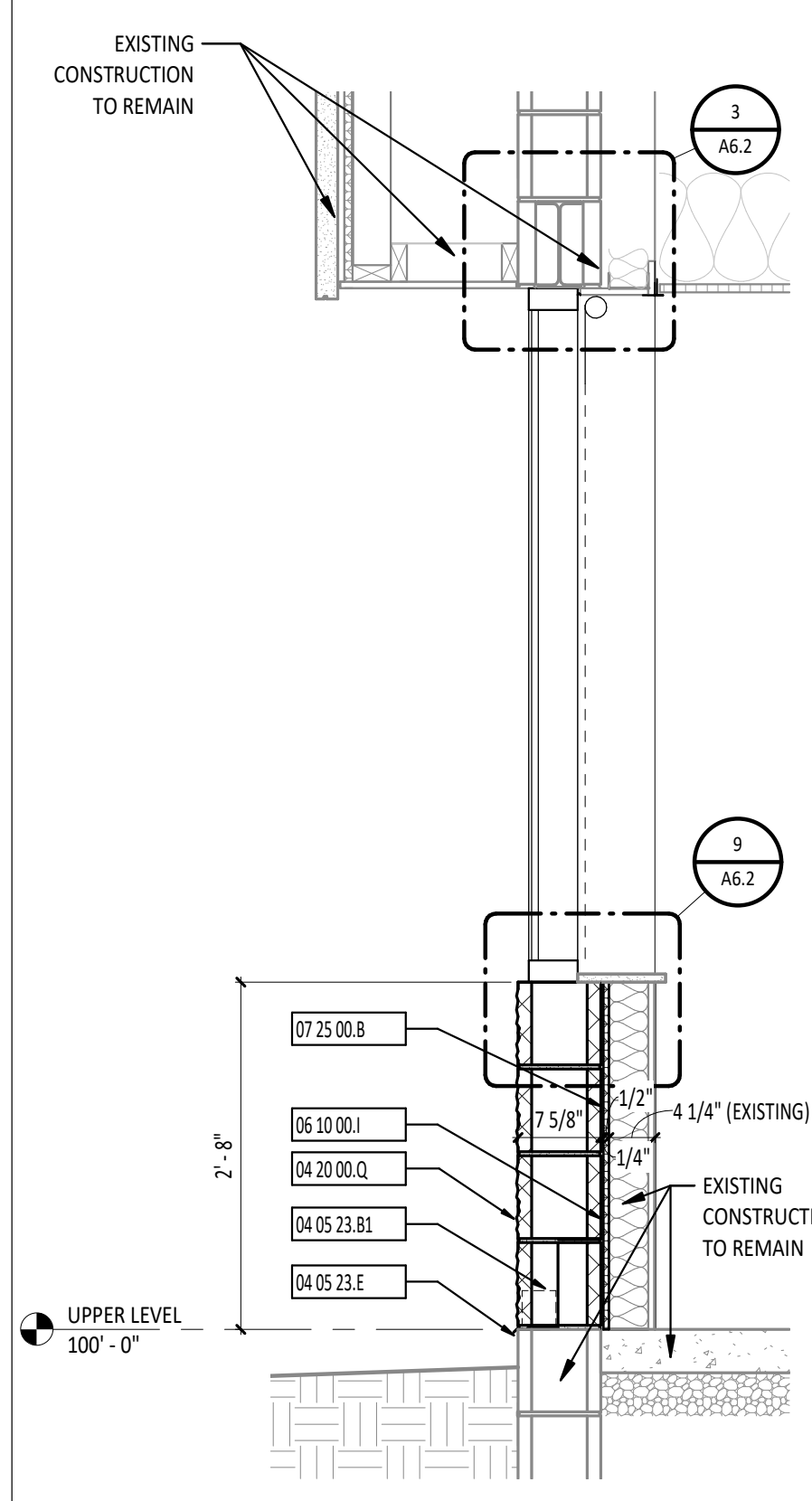
SHEET NUMBER:
A2.1



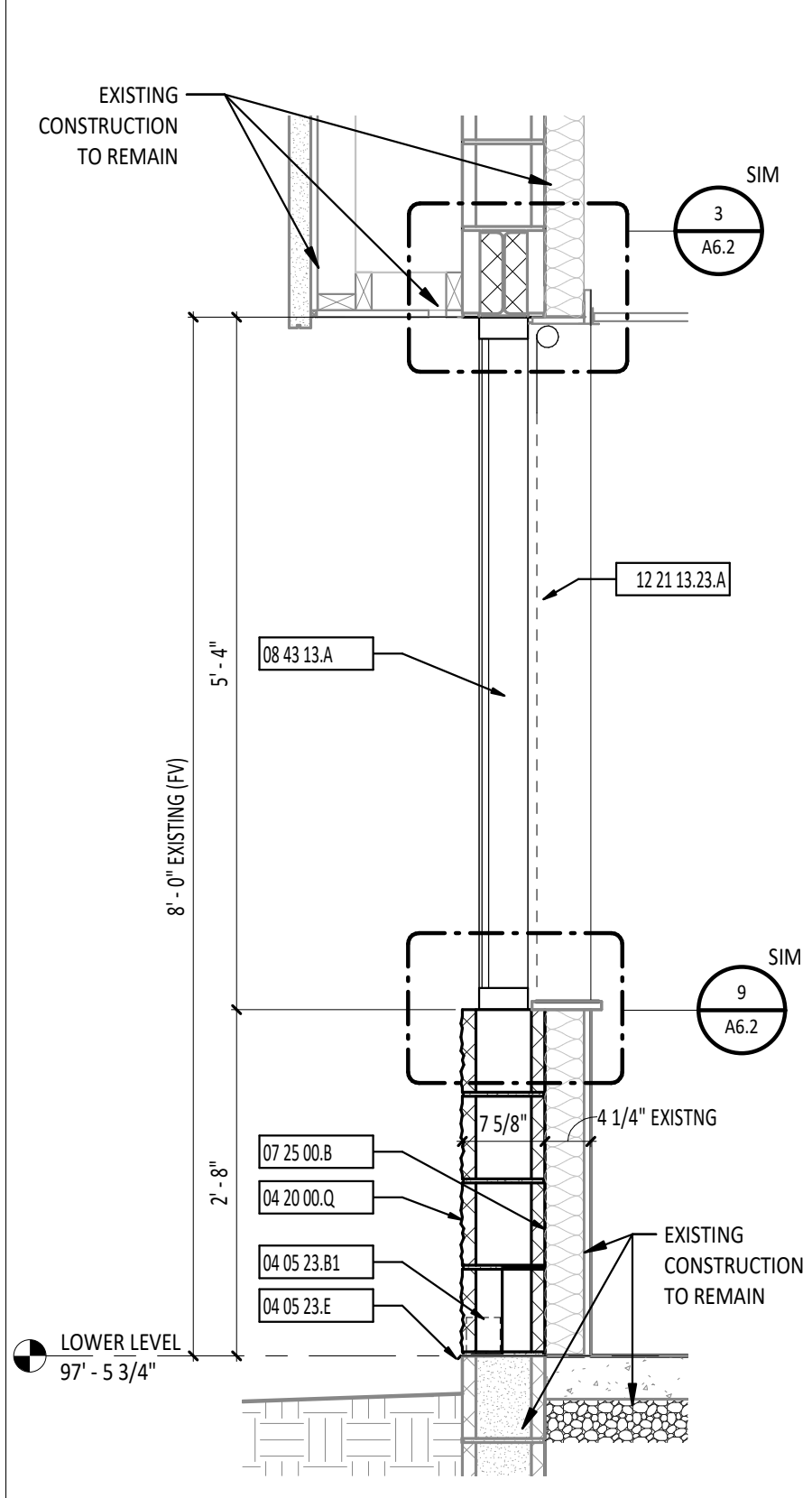
1 WALL SECTION
3/4" = 1'-0"

WALL SECTION SYMBOLS LEGEND

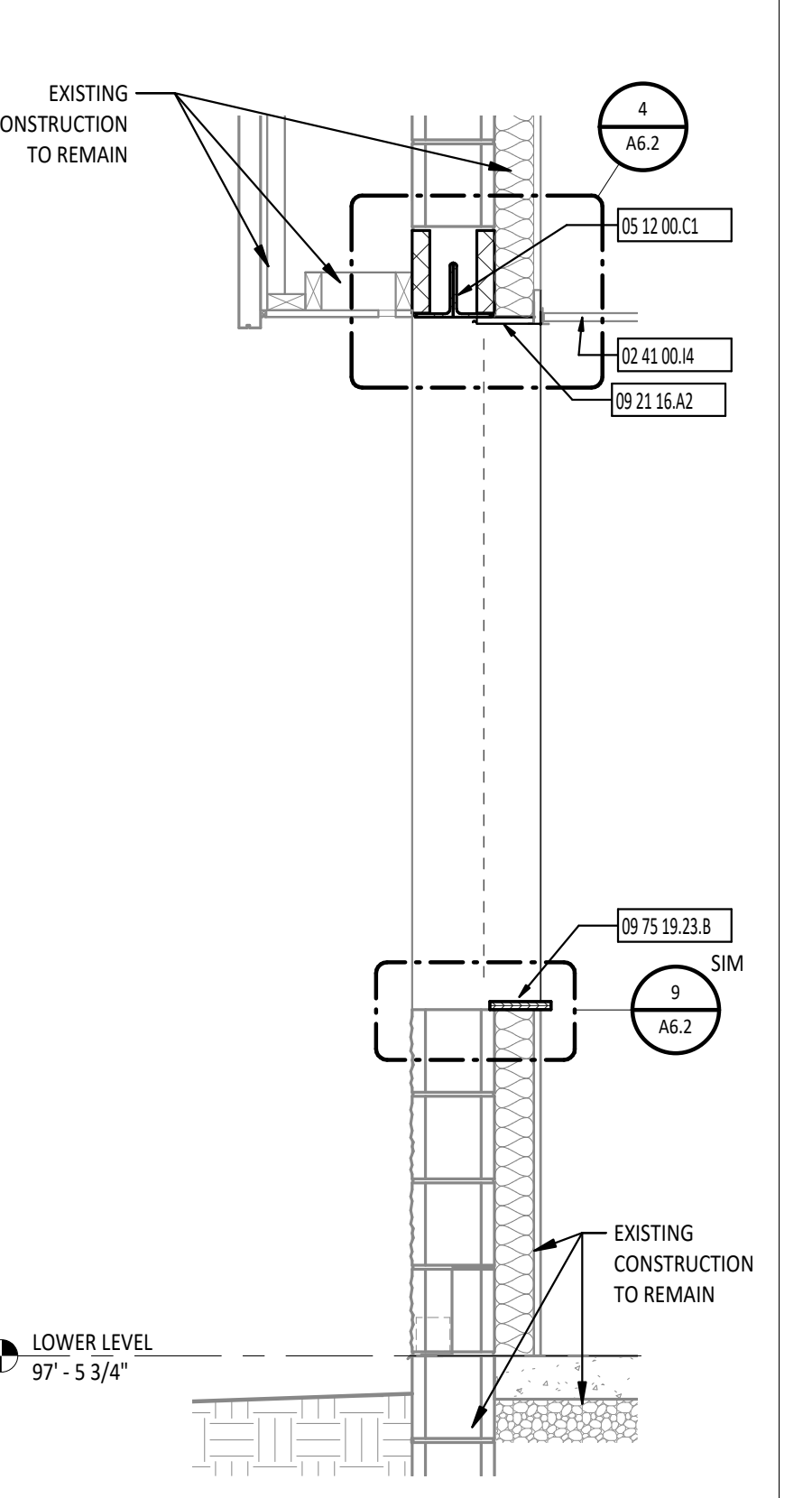
(XXXX)	DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
(A101)	ROOM DESIGNATION - REFERENCE ROOM INDEX.
(X)	CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
(ELEVATION)	LEVEL LINE
(X)	STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
(XX XX XXXXX)	DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE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



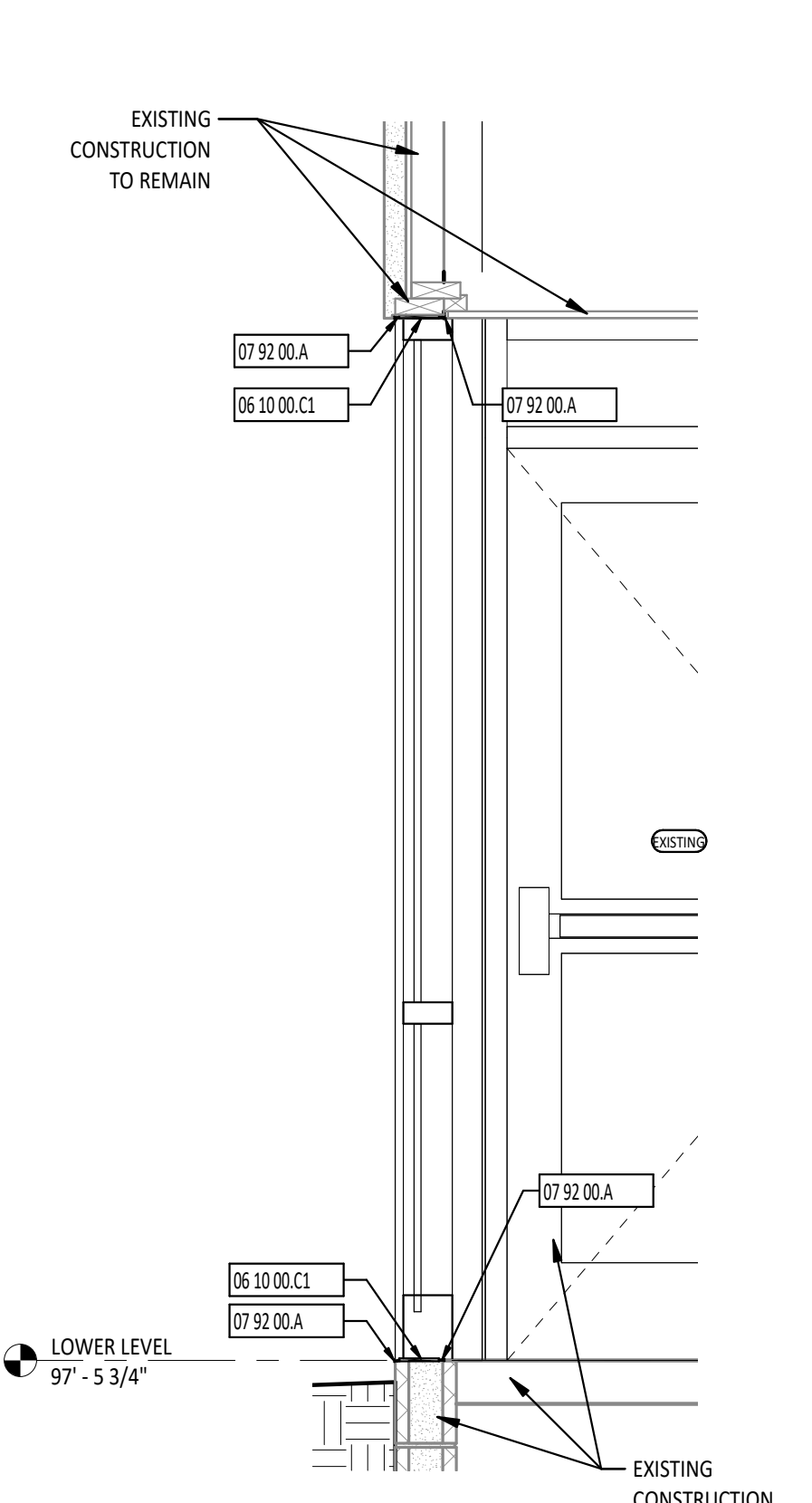
2 WALL SECTION
3/4" = 1'-0"



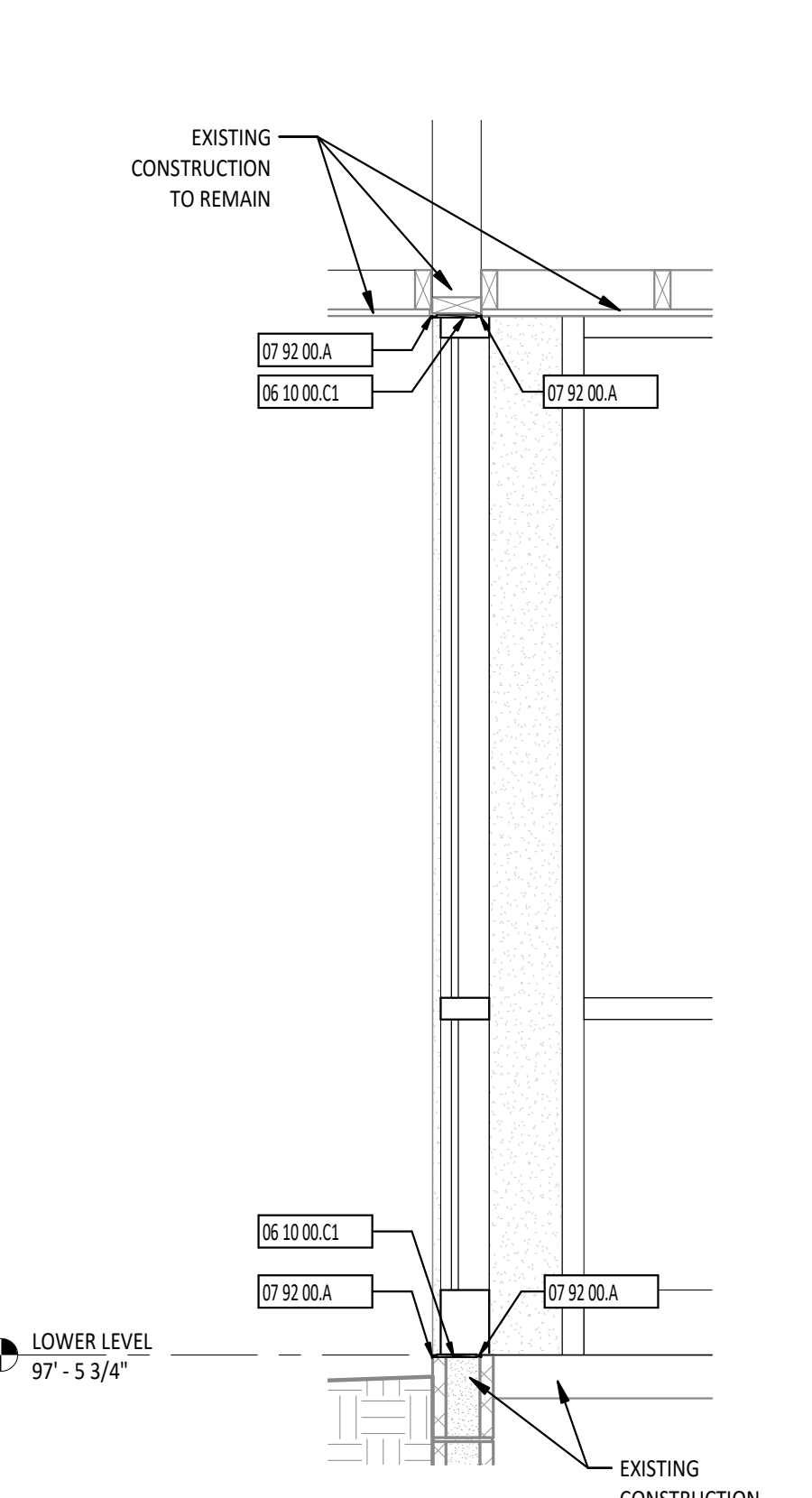
3 WALL SECTION
3/4" = 1'-0"



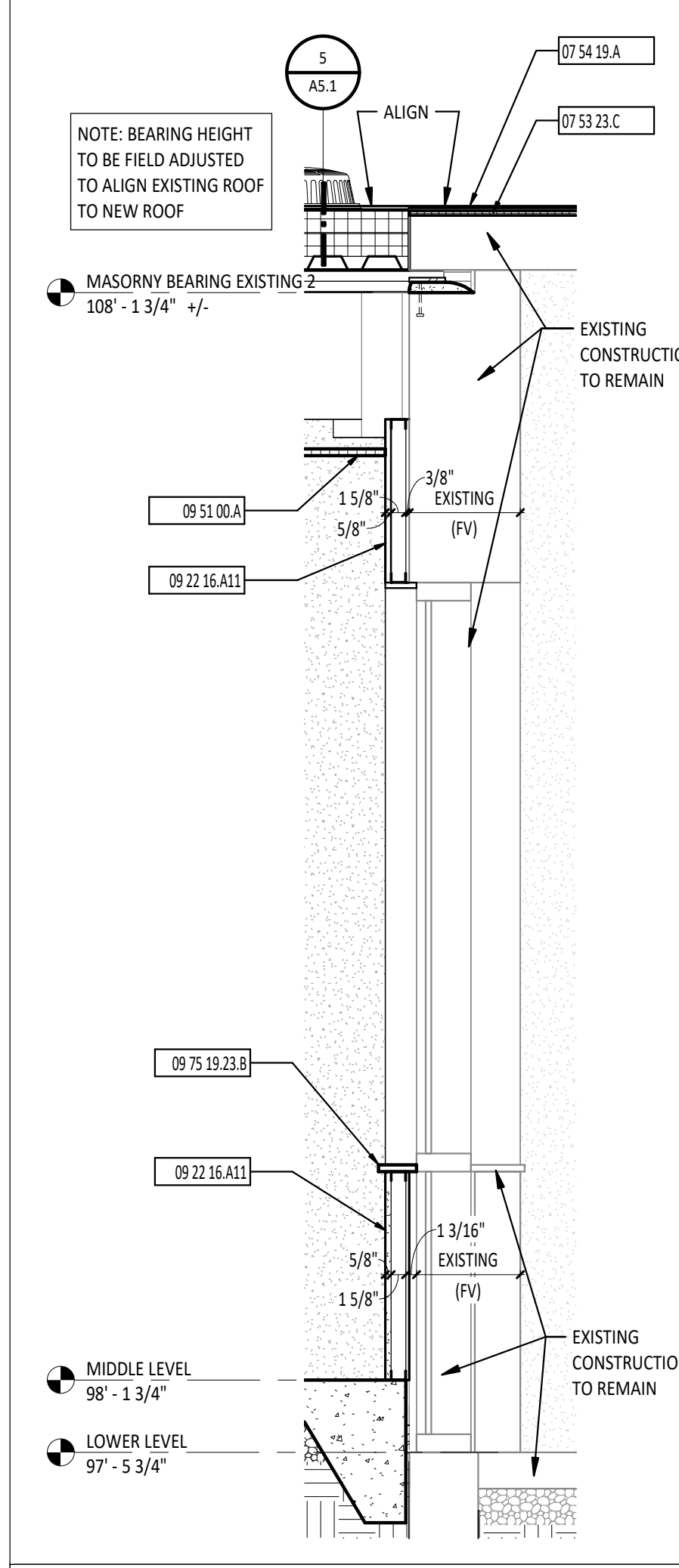
4 WALL SECTION
3/4" = 1'-0"



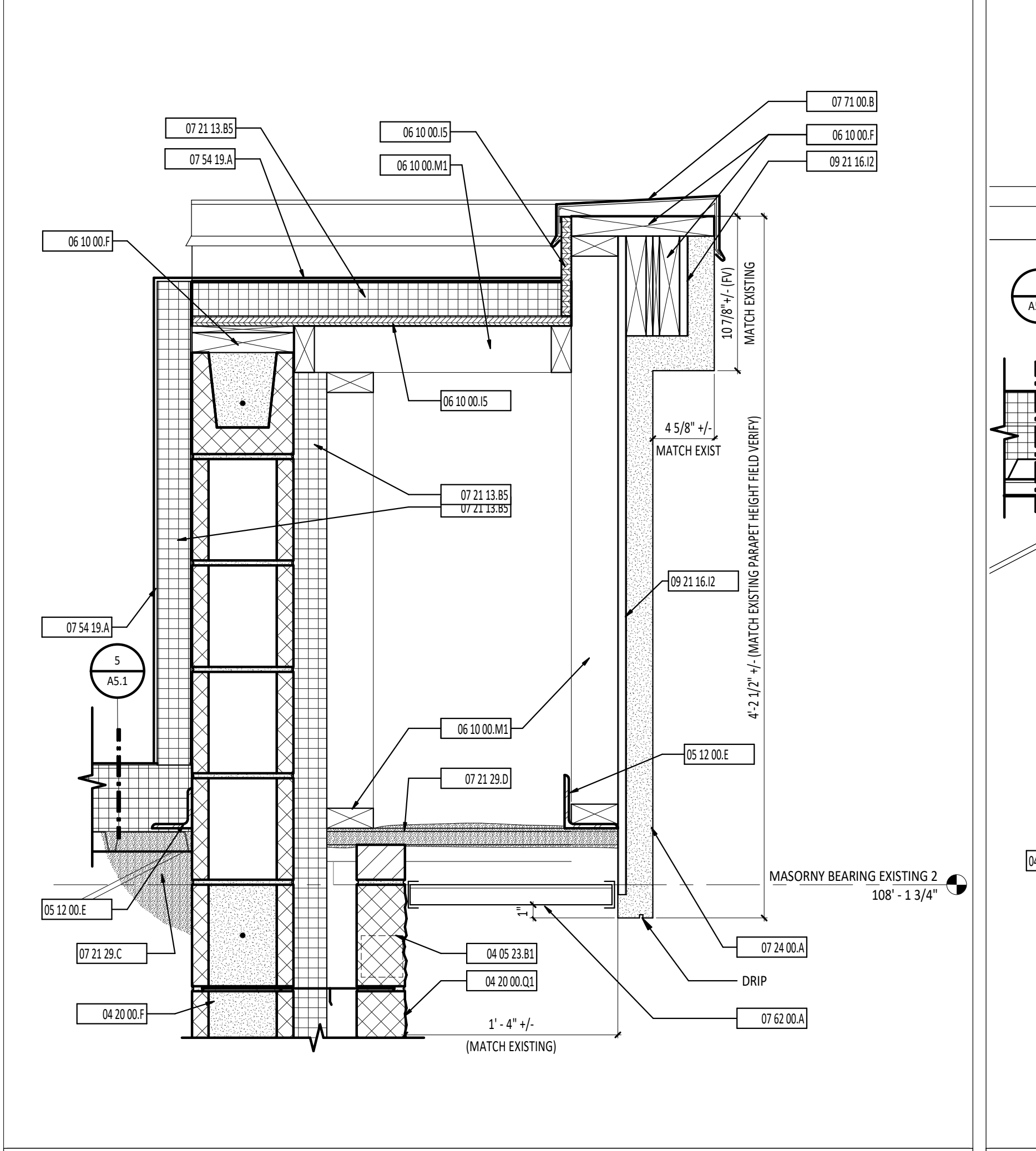
5 WALL SECTION
3/4" = 1'-0"



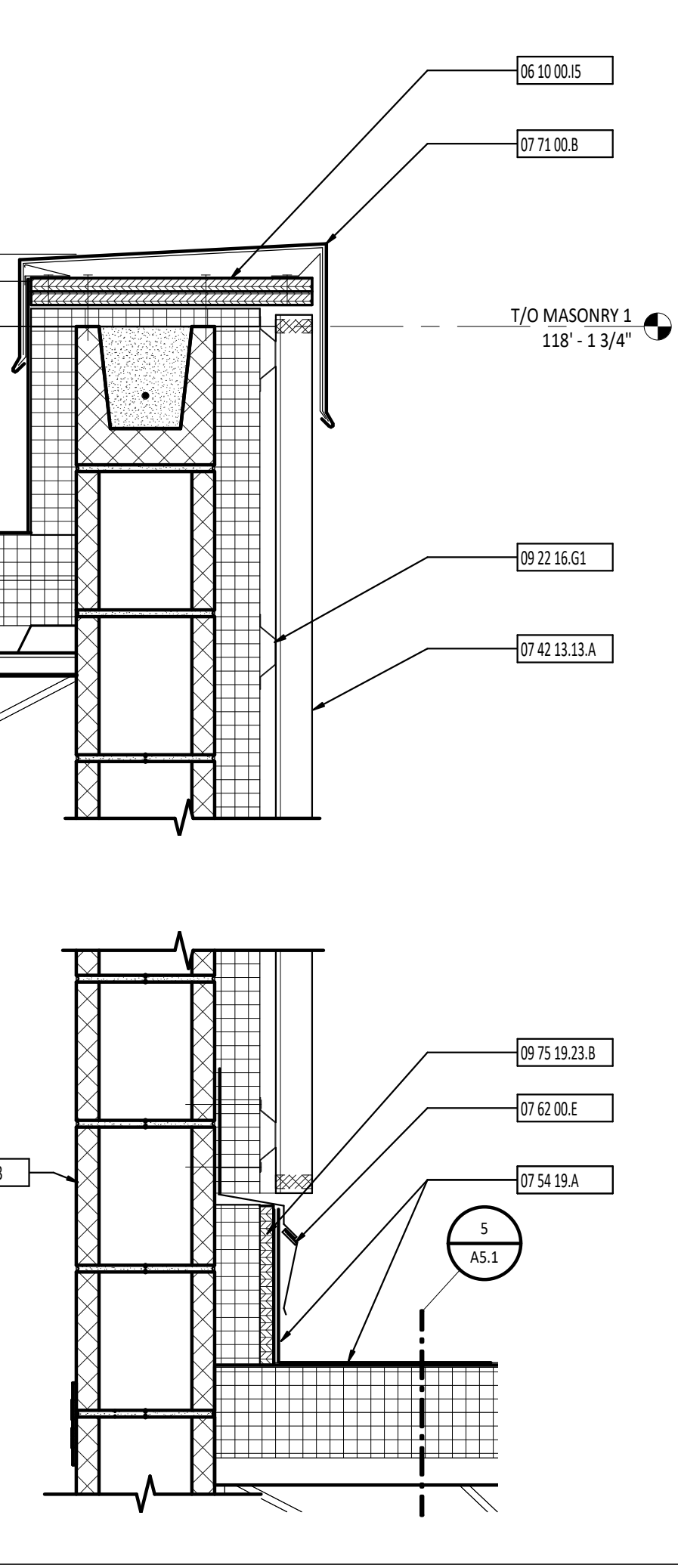
6 WALL SECTION
3/4" = 1'-0"



7 WALL SECTION
3/4" = 1'-0"



8 SECTION DETAIL
1 1/2" = 1'-0"



9 SECTION DETAIL
1 1/2" = 1'-0"

#	KEYNOTE DESCRIPTION
02 41 00.I4	SALVAGE AND REMOVE EXISTING ACOUSTICAL CEILING TILE CEILING AS REQUIRED FOR OTHER TRADES - REINSTALL CEILING.
03 30 00.A	CONCRETE FOOTING - REFERENCE STRUCTURAL DRAWINGS.
04 05 19.A1	VENEER ANCHOR TIES AT 16" OC VERTICALLY AND HORIZONTALLY
04 05 23.B1	CAVITY VENT/WEEP AT 32" OC
04 05 23.C	CONTINUOUS TERMINATION BAR AND SEALANT
04 05 23.E	THROUGH WALL FLASHING WITH STAINLESS STEEL DRIP EDGE
04 20 00.F	CONCRETE MASONRY UNIT BOND BEAM - REFERENCE STRUCTURAL DRAWINGS.
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
04 20 00.K3	NOMINAL 8" CONCRETE MASONRY UNIT - GROUT FULL.
04 20 00.Q	SPLIT-FACED CONCRETE MASONRY UNIT
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
05 12 00.C1	GALVANIZED MASONRY SUPPORT STEEL LINTEL - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.E	SUPPORT STEEL ANGLE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
06 10 00.C1	PRESERVATIVE TREATED WOOD SHIM - FOAMED-IN-PLACE INSULATION BETWEEN SHIMS
06 10 00.F	PRESERVATIVE TREATED WOOD BLOCKING/NAILER
06 10 00.I	PRESERVATIVE TREATED PLYWOOD
06 10 00.M1	3/4" PRESERVATIVE TREATED PLYWOOD
06 10 00.M1	2X4 PRESERVATIVE TREATED WOOD FRAMING AT 16" OC
07 21 13.B5	2-1/2" BOARD INSULATION
07 21 29.C	SPRAY APPLIED FOAM INSULATION - TYPICAL AT ROOF TO EXTERIOR WALL CONNECTIONS - INFILL JOIST POCKET WITH MASONRY TIGHT TO DECK TO REDUCE AMOUNT OF SPRAY APPLIED FOAM REQUIRED - PROVIDE INTUMESCENT PAINT COATING WHERE SPRAY FOAM IS EXPOSED TO PLENUM.
07 21 29.D	SPRAY APPLIED FOAM INSULATION AROUND STRUCTURAL FRAMING.
07 24 00.A	EXTERIOR INSULATION AND FINISH SYSTEM ON 1/2" EXTERIOR OSB BOARD
07 25 00.B	CONTINUOUS AIR BARRIER SYSTEM
07 42 13.13.A	PREFINISHED FORMED HORIZONTAL METAL PANEL - SHIM PANELS PLUMB COVERBOARD
07 54 19.A	FULLY ADHERED PVC MEMBRANE ROOFING SYSTEM
07 62 00.A	PREFINISHED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED
07 62 00.E	TWO-PIECE COUNTERFLASHING - PROVIDED BY ROOFING MANUFACTURER
07 71 00.B	PREFINISHED COPING WITH ANCHORAGES
07 92 00.A	BACKER ROD WITH SEALANT
08 43 13.A	ALUMINUM STOREFRONT WINDOW SYSTEM
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 21 16.B1	5/8" EXTERIOR GYPSUM SHEATHING BOARD
09 22 16.A11	1 5/8" METAL STUDS AT 16" OC
09 22 16.G1	7/8" FURRING HAT CHANNELS AT 16" OC
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
09 75 19.23.B	SOLID SURFACE SILL
12 21 13.23.A	WOOD HORIZONTAL LOUVER BLINDS
32 13 13.A	EXTERIOR CONCRETE SLAB-ON-GRADE - REFERENCE CIVIL/SITE DRAWINGS.

STATE OF OHIO
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**TIPP CITY GOVERNMENT
BUILDING INFILL**

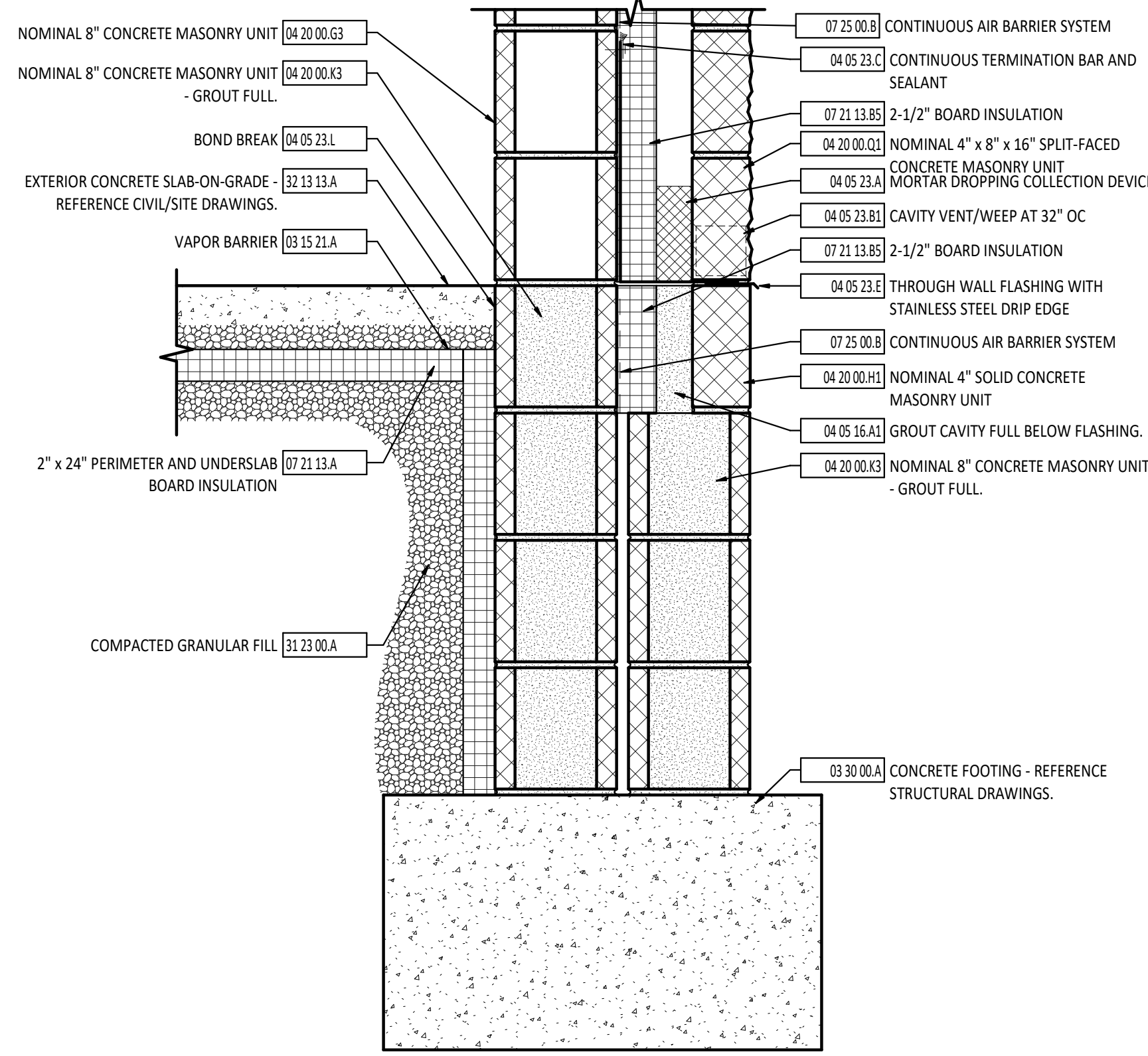
ISSUANCES/REVISIONS

BID DOCUMENTS	02/02/2023
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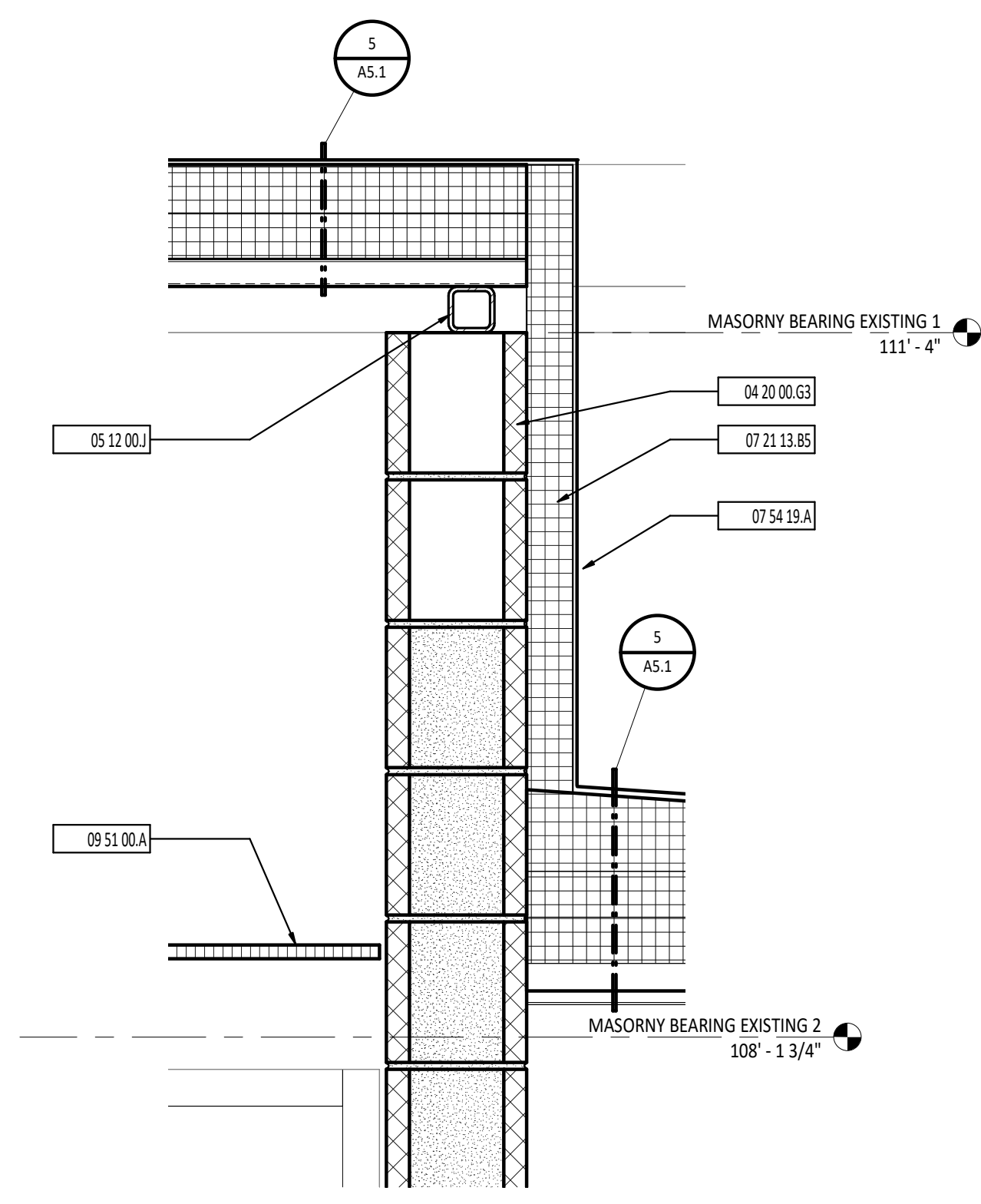
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SHEET TITLE:
WALL SECTIONS

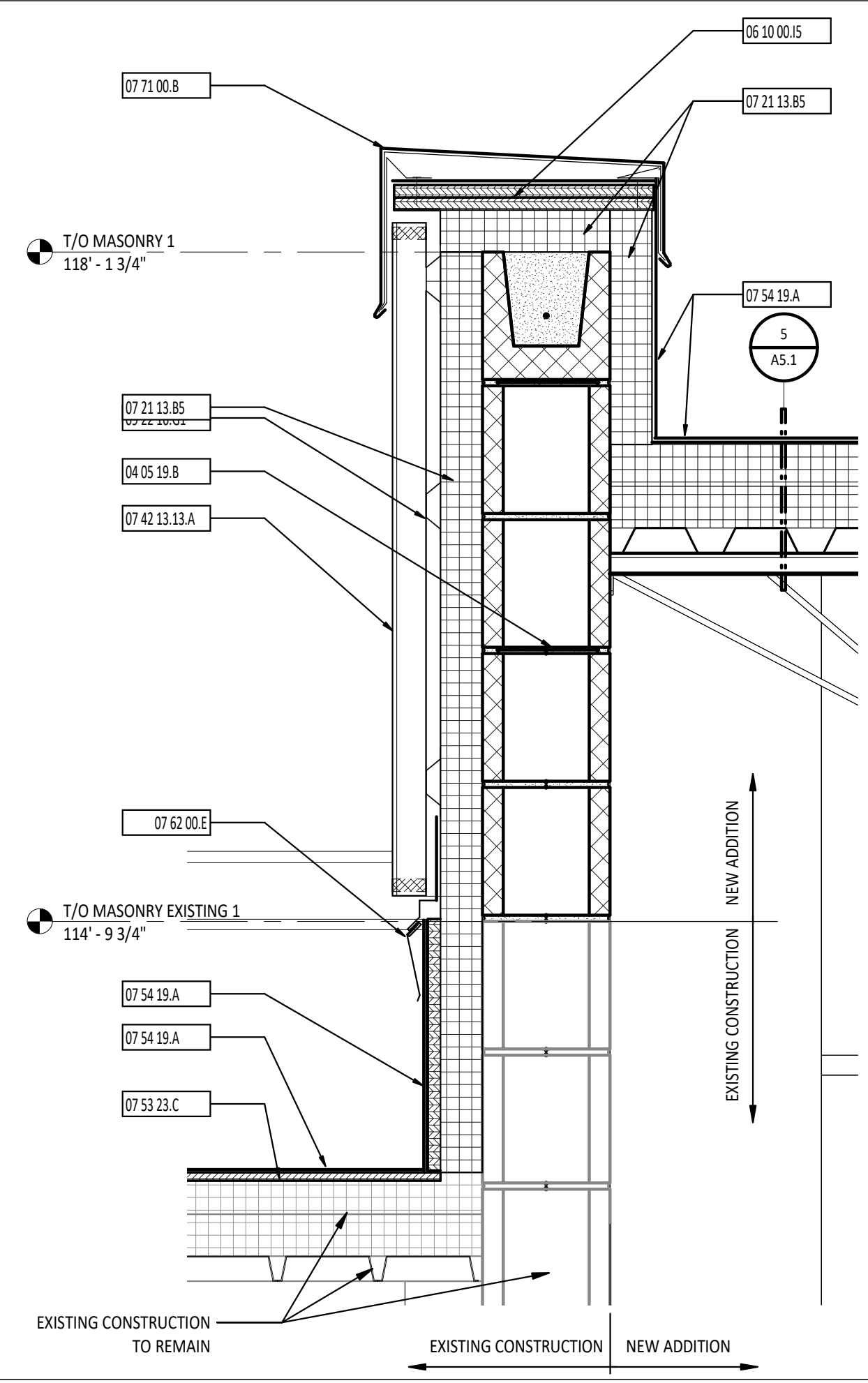
SHEET NUMBER:
A4.1



1 TYPICAL FOUNDATION DETAIL
1 1/2" = 1'-0"

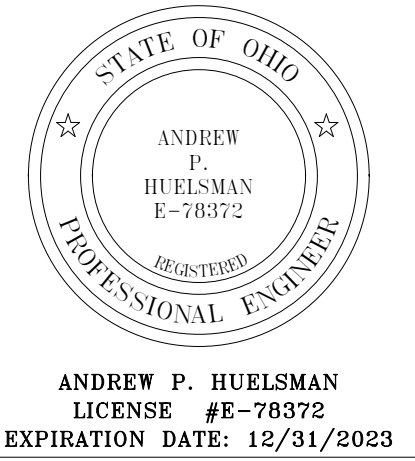


2 SECTION DETAIL
1 1/2" = 1'-0"



3 SECTION DETAIL
1 1/2" = 1'-0"

#	KEYNOTE DESCRIPTION
03 15 21.A	VAPOR BARRIER
03 30 00.A	CONCRETE FOOTING - REFERENCE STRUCTURAL DRAWINGS.
04 05 16.A1	GROUT CAVITY FULL BELOW FLASHING.
04 05 19.A1	VENEER ANCHOR TIES AT 16" OC VERTICALLY AND HORIZONTALLY
04 05 19.B	HORIZONTAL JOINT REINFORCING AT 16" OC
04 05 23.A	MORTAR DROPPING COLLECTION DEVICE
04 05 23.B1	CAVITY VENT/WEEP AT 32" OC
04 05 23.C	CONTINUOUS TERMINATION BAR AND SEALANT
04 05 23.E	THROUGH WALL FLASHING WITH STAINLESS STEEL DRIP EDGE
04 05 23.L	BOND BREAK
04 20 00.F	CONCRETE MASONRY UNIT BOND BEAM - REFERENCE STRUCTURAL DRAWINGS.
04 20 00.G3	NOMINAL 8" CONCRETE MASONRY UNIT
04 20 00.H1	NOMINAL 4" SOLID CONCRETE MASONRY UNIT
04 20 00.K3	NOMINAL 8" CONCRETE MASONRY UNIT - GROUT FULL
04 20 00.Q1	NOMINAL 4" x 8" x 16" SPLIT-FACED CONCRETE MASONRY UNIT
05 12 00.E	SUPPORT STEEL ANGLE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
06 10 00.I5	3/4" PRESERVATIVE TREATED PLYWOOD
07 21 13.A	2" x 24" PERIMETER AND UNDERSLAB BOARD INSULATION
07 21 13.B5	2-1/2" BOARD INSULATION
07 25 00.B	CONTINUOUS AIR BARRIER SYSTEM
07 42 13.13.A	PREFINISHED FORMED HORIZONTAL METAL PANEL - SHIM PANELS PLUMB
07 42 13.13.B	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB
07 53 23.C	COVERBOARD
07 54 19.A	FULLY ADHERED PVC MEMBRANE ROOFING SYSTEM
07 62 00.E	TWO-PIECE COUNTERFLASHING - PROVIDED BY ROOFING MANUFACTURER
07 71 00.B	PREFINISHED COPING WITH ANCHORAGES
09 21 16.A2	5/8" GYPSUM WALLBOARD
09 22 16.A3	3 5/8" METAL STUDS AT 16" OC
09 22 16.G1	7/8" FURRING HAT CHANNELS AT 16" OC
09 51 00.A	ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM - REFERENCE REFLECTED CEILING PLANS FOR SPECIFIC CEILING TYPE.
31 23 00.A	COMPACTED GRANULAR FILL
32 13 13.A	EXTERIOR CONCRETE SLAB-ON-GRADE - REFERENCE CIVIL/SITE DRAWINGS.



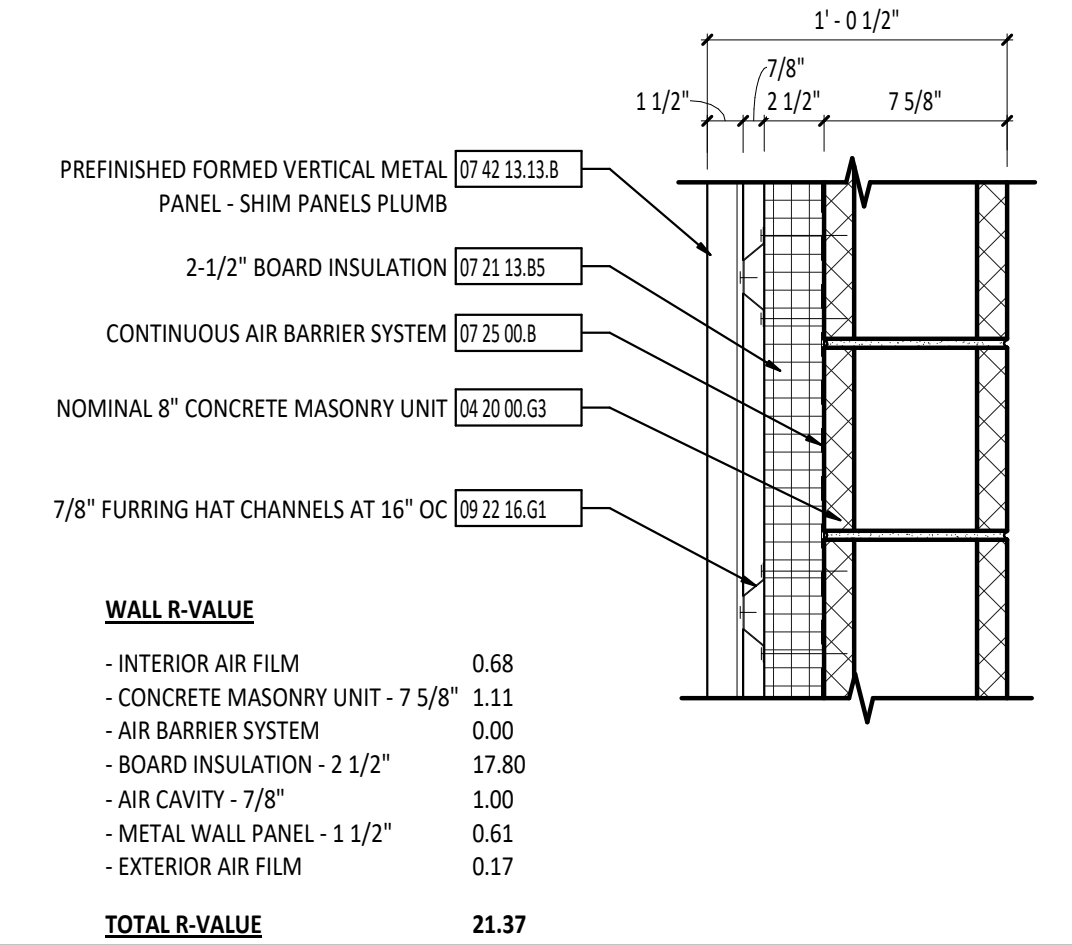
**TIPP CITY GOVERNMENT
BUILDING INFILL**

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

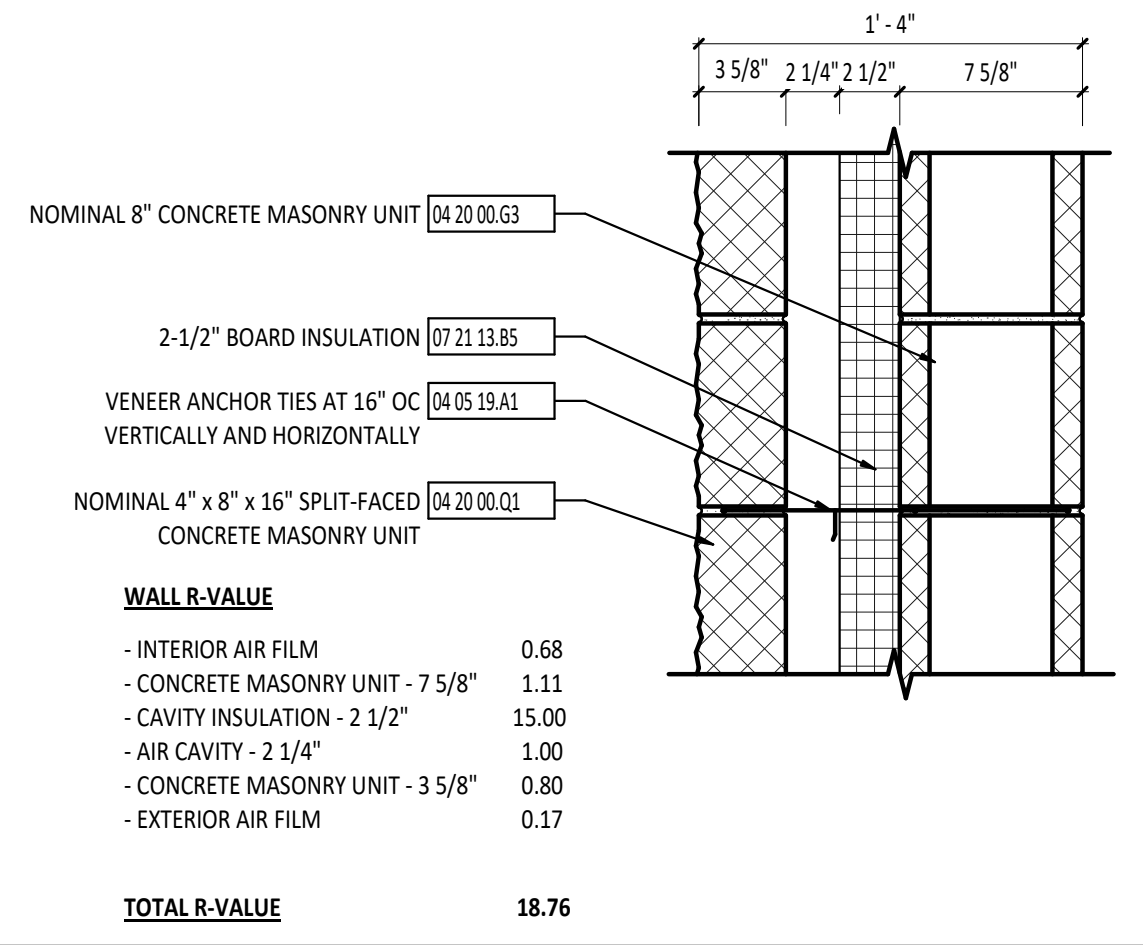
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22094.00	MD8	LKL

SHEET TITLE:
SECTION DETAILS

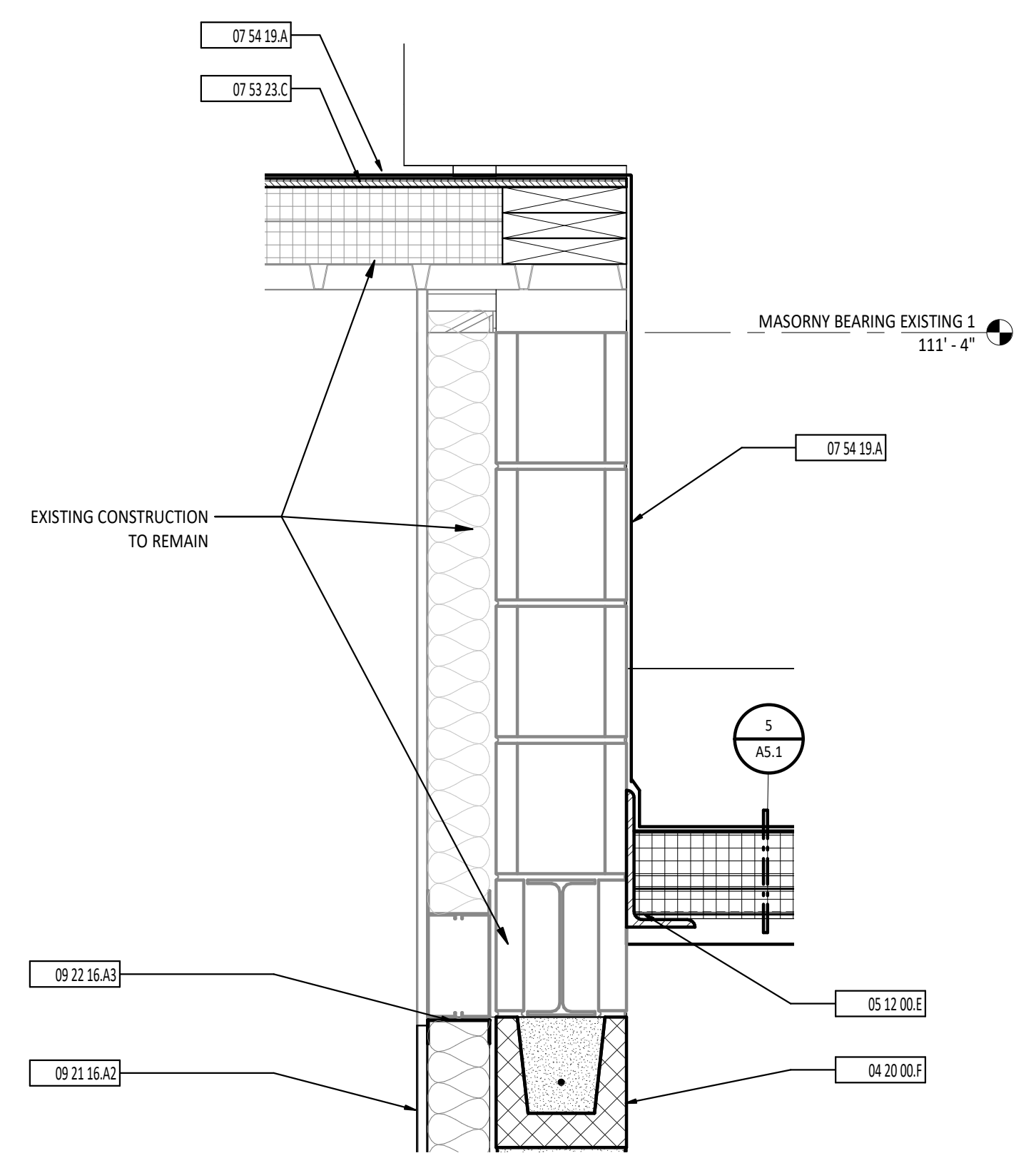
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A4.2



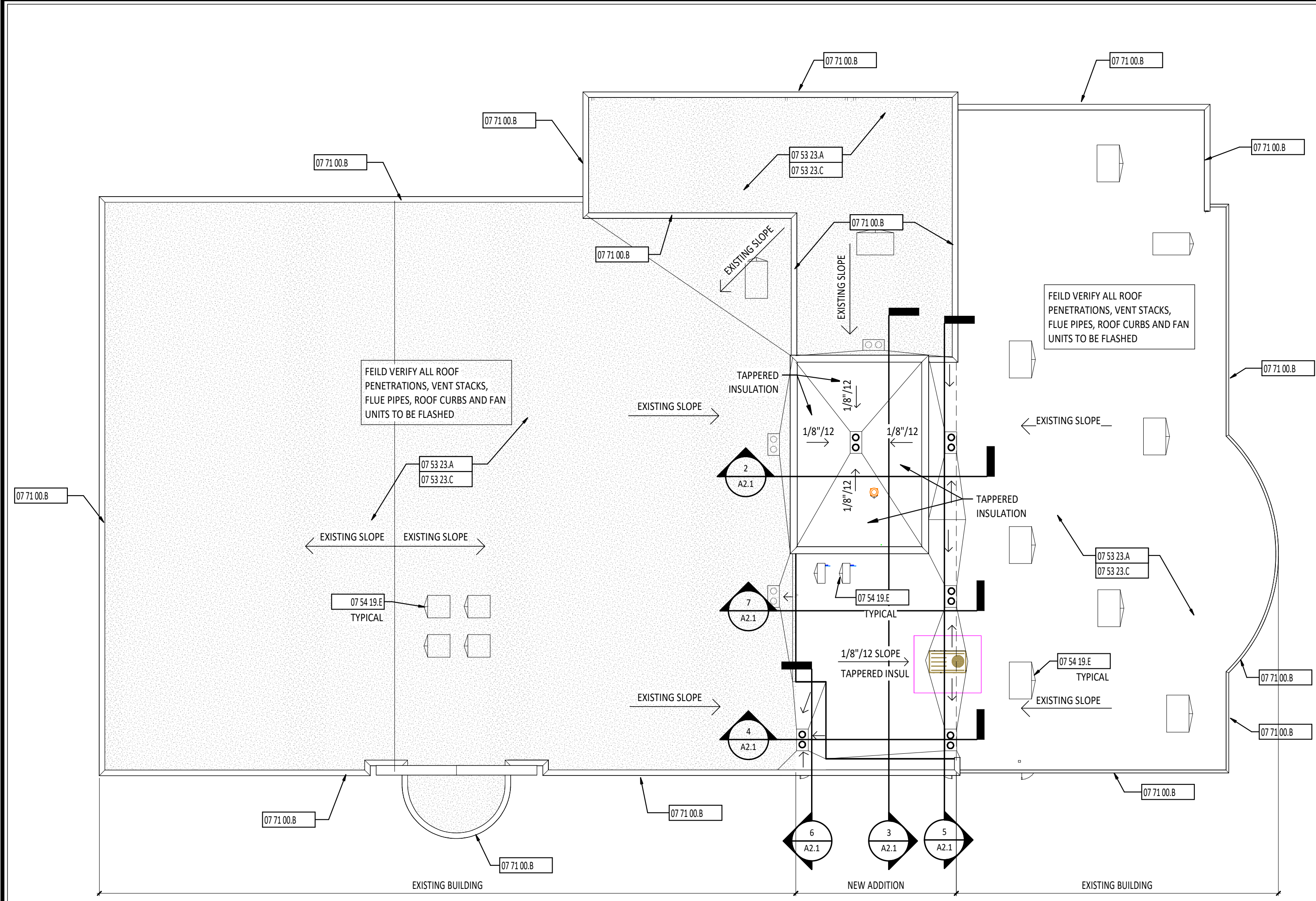
4 EXTERIOR WALL ASSEMBLY
1 1/2" = 1'-0"



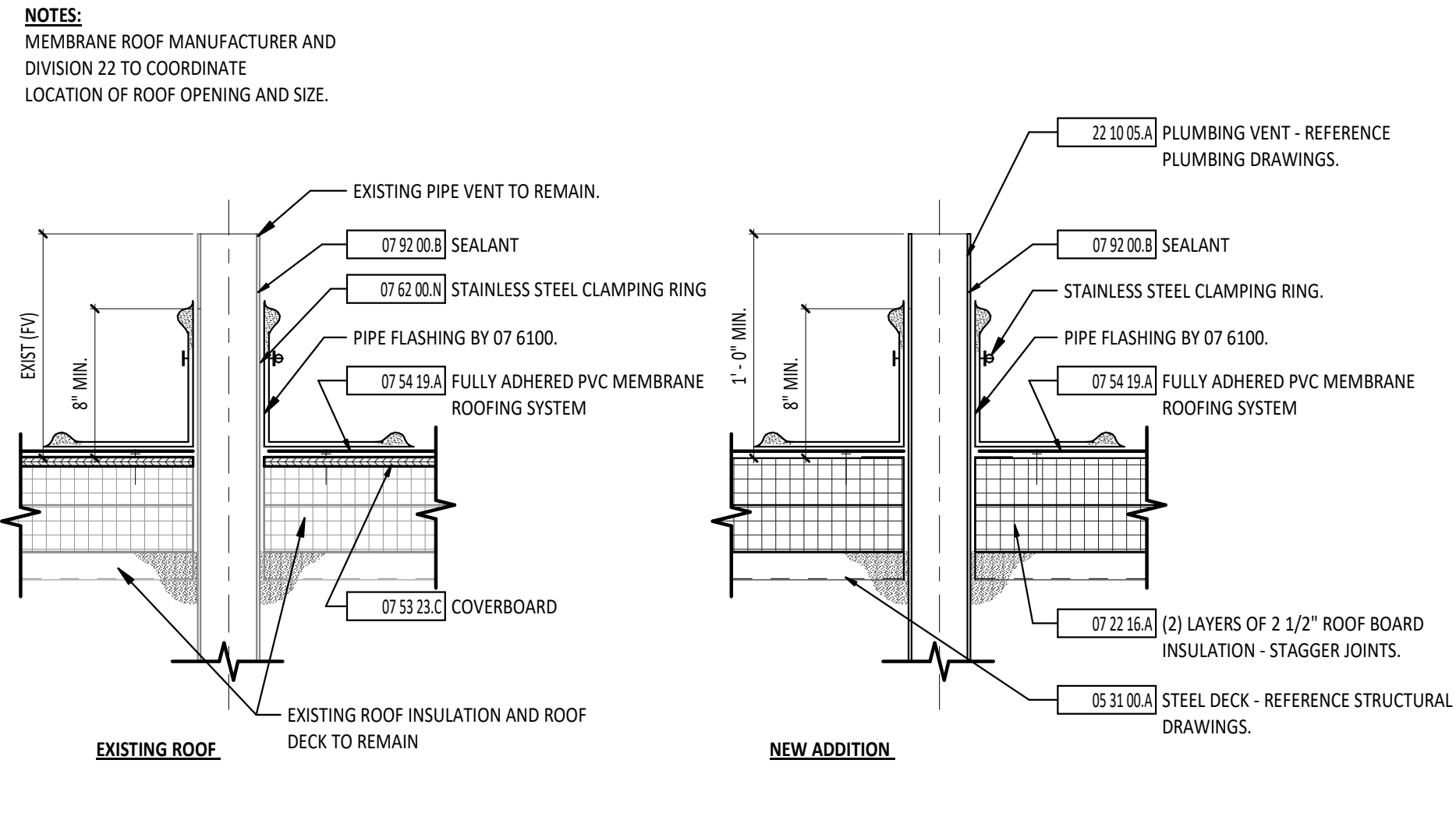
5 EXTERIOR WALL ASSEMBLY
1 1/2" = 1'-0"



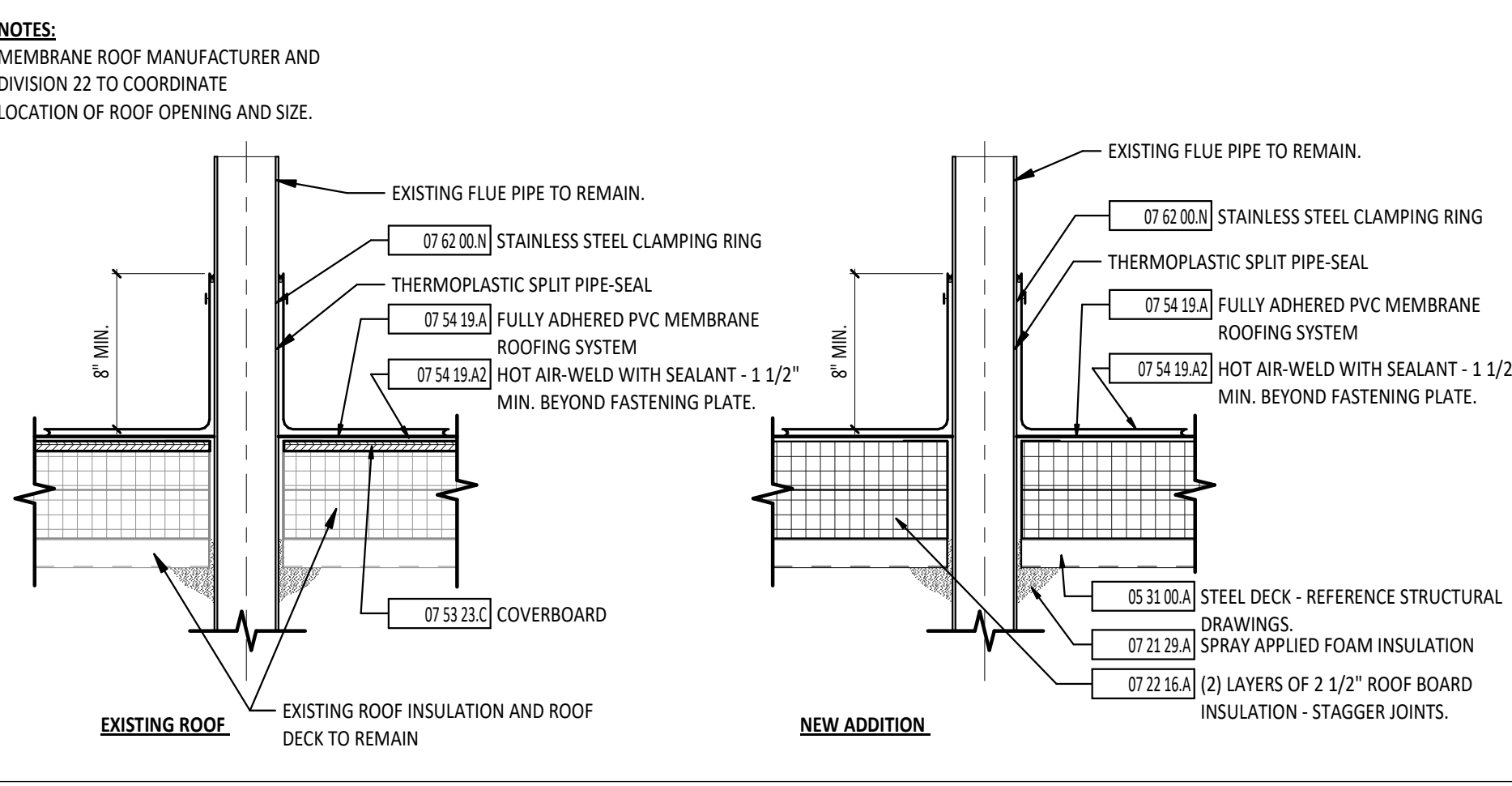
6 SECTION DETAIL
1 1/2" = 1'-0"



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



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



3 FLUE PENETRATION DETAIL
1 1/2" = 1'-0"

ROOF PLAN GENERAL NOTES

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

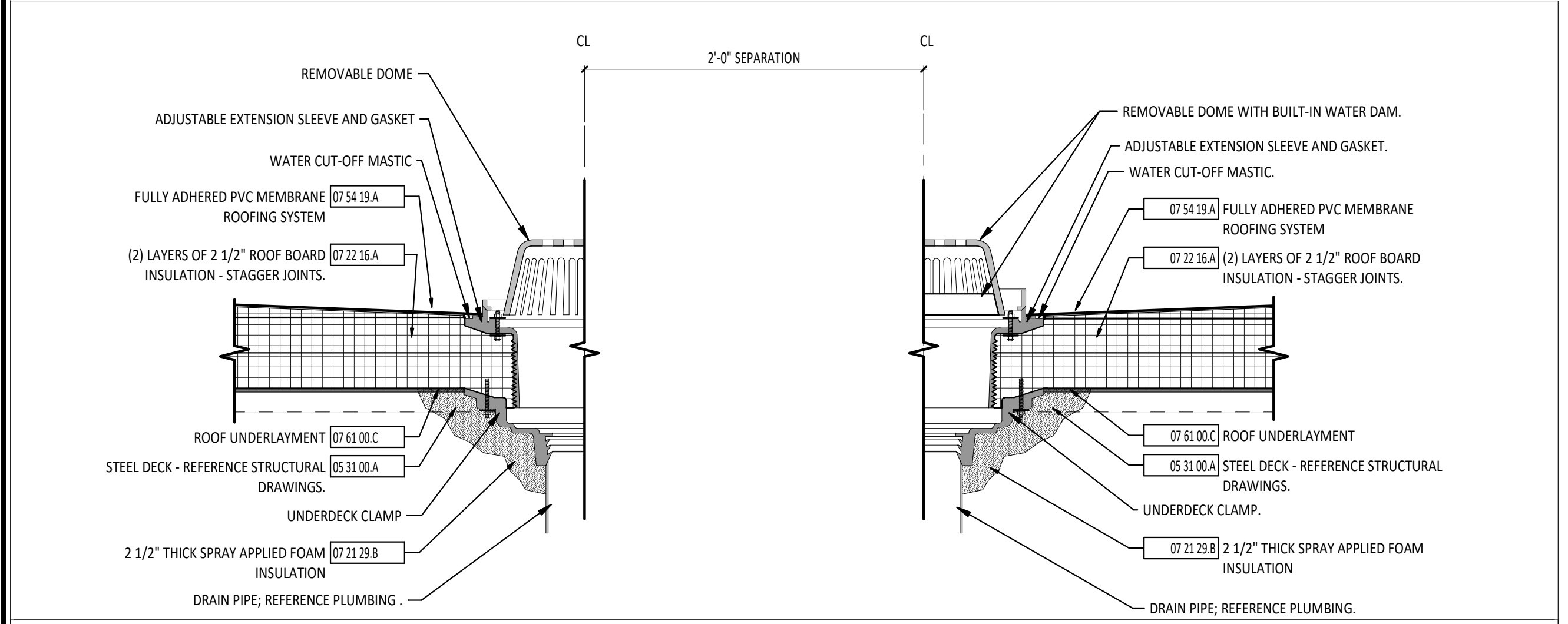
ROOF PLAN SYMBOLS LEGEND

F FLUE DESIGNATION
V VENT DESIGNATION

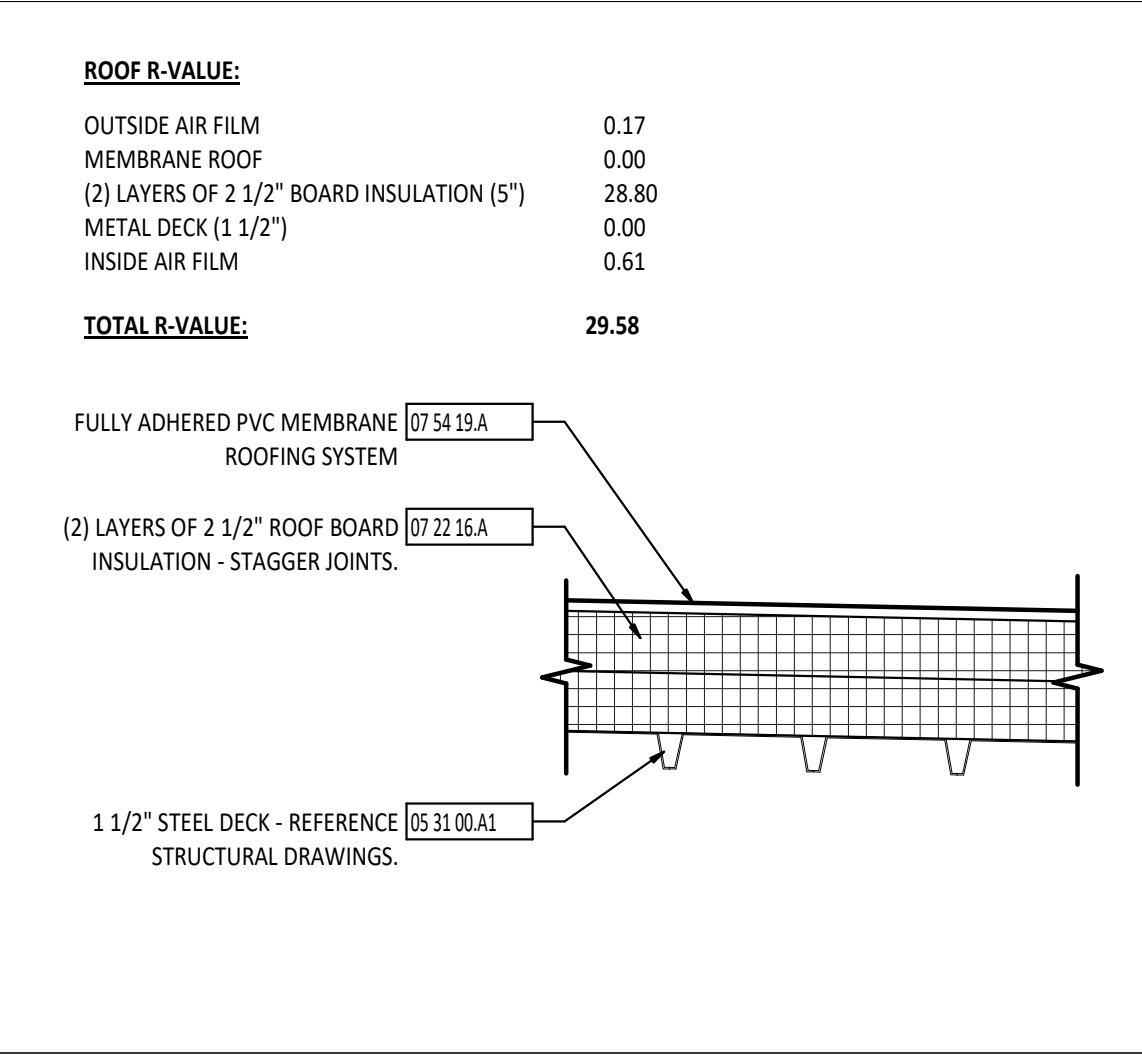
ROOF PLAN MATERIAL PATTERNS LEGEND

TAPERED INSULATION

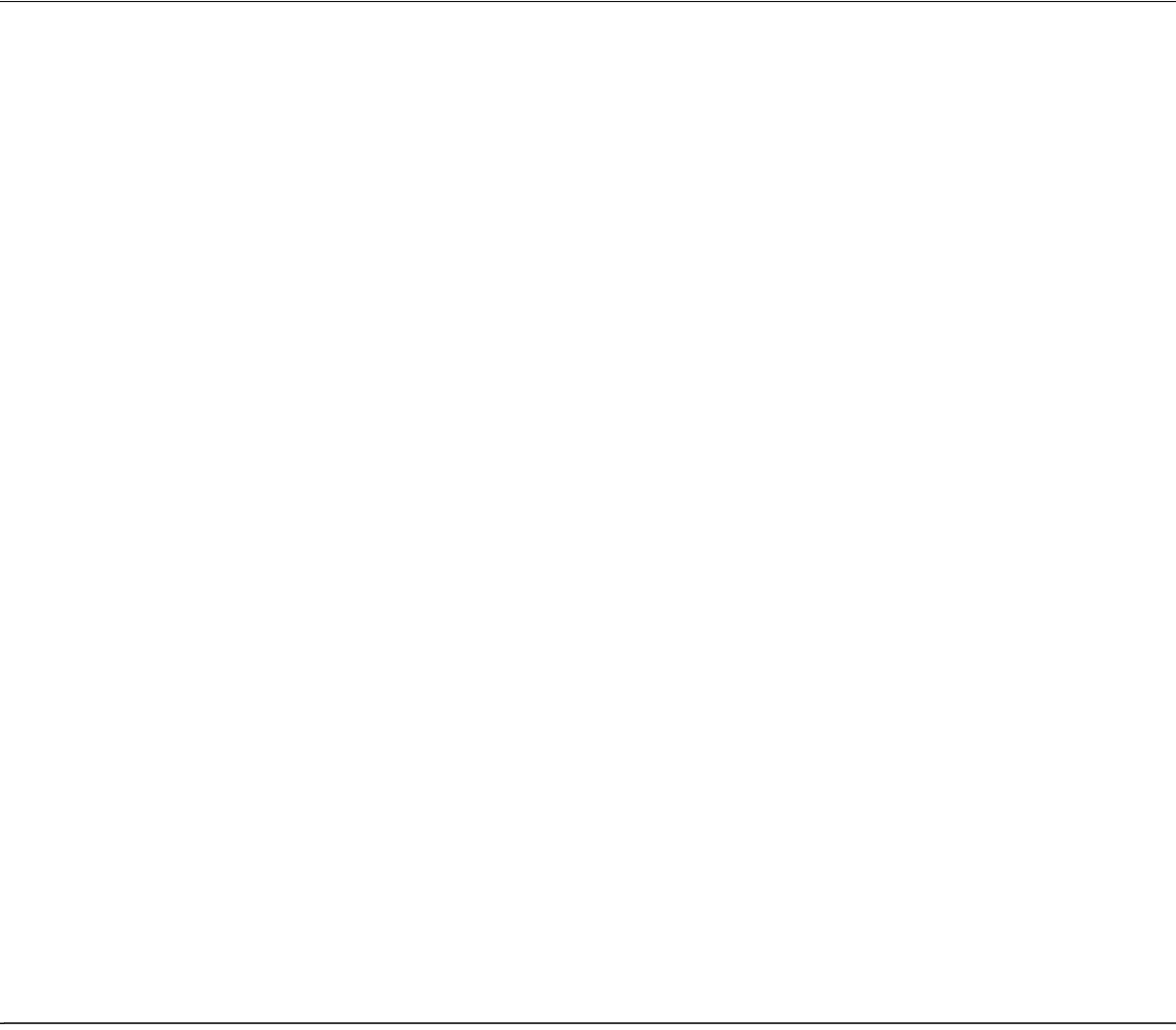
#	KEYNOTE DESCRIPTION
02 41 00.D4	EXISTING CONCRETE MASONRY UNIT TO REMAIN.
04 05 23.C	CONTINUOUS TERMINATION BAR AND SEALANT
05 12 00.E	SUPPORT STEEL ANGLE - PAINT IF EXPOSED TO VIEW - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.G	STEEL BEARING PLATE - REFERENCE STRUCTURAL DRAWINGS.
05 12 00.J	STRUCTURAL STEEL FRAMING MEMBER - REFERENCE STRUCTURAL DRAWINGS.
05 31 00.A	STEEL DECK - REFERENCE STRUCTURAL DRAWINGS.
05 31 00.A1	1 1/2" STEEL DECK - REFERENCE STRUCTURAL DRAWINGS.
06 10 00.D	WOOD BLOCKING/NAILER
07 21 29.A	SPRAY APPLIED FOAM INSULATION
07 21 29.B	2 1/2" THICK SPRAY APPLIED FOAM INSULATION
07 22 16.A	(2) LAYERS OF 2 1/2" ROOF BOARD INSULATION - STAGGER JOINTS.
07 53 23.A	FULLY ADHERED EPDM ROOFING SYSTEM
07 53 23.C	COVERBOARD
07 54 19.A	FULLY ADHERED PVC MEMBRANE ROOFING SYSTEM
07 54 19.A2	HOT AIR-WELD WITH SEALANT - 1 1/2" MIN. BEYOND FASTENING PLATE.
07 54 19.E	ROOF CRICKET
07 61 00.C	ROOF UNDERLAYMENT
07 62 00.E	TWO-PIECE COUNTERFLASHING - PROVIDED BY ROOFING MANUFACTURER
07 62 00.N	STAINLESS STEEL CLAMPING RING
07 71 00.B	PREFINISHED COPING WITH ANCHORAGES
07 72 00.A1	ROOF CURB BY UNIT MANUFACTURER.
07 92 00.B	SEALANT
22 10 05.A	PLUMBING VENT - REFERENCE PLUMBING DRAWINGS.
22 10 07.A	ROOF DRAIN - REFERENCE PLUMBING DRAWINGS.



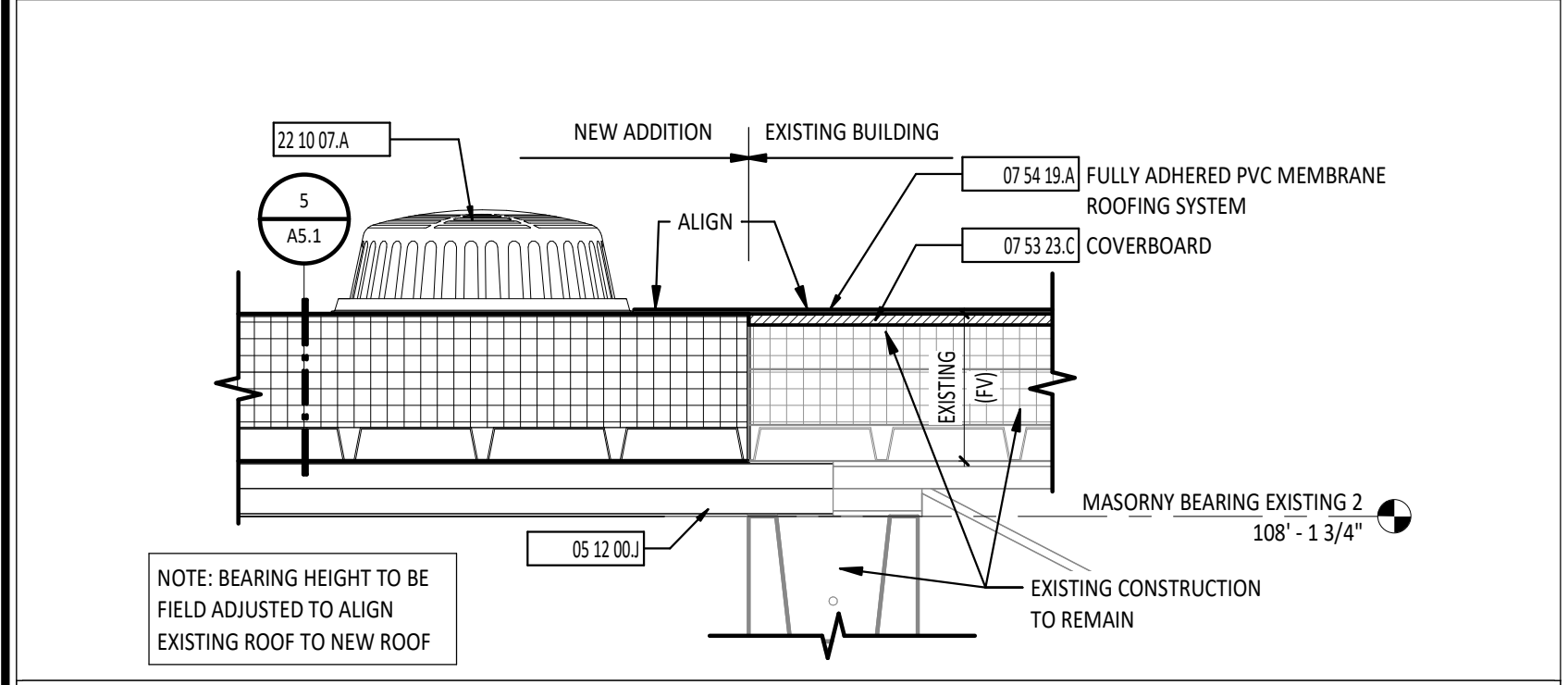
4 ROOF DRAIN AND OVERFLOW DRAIN DETAIL
1 1/2" = 1'-0"



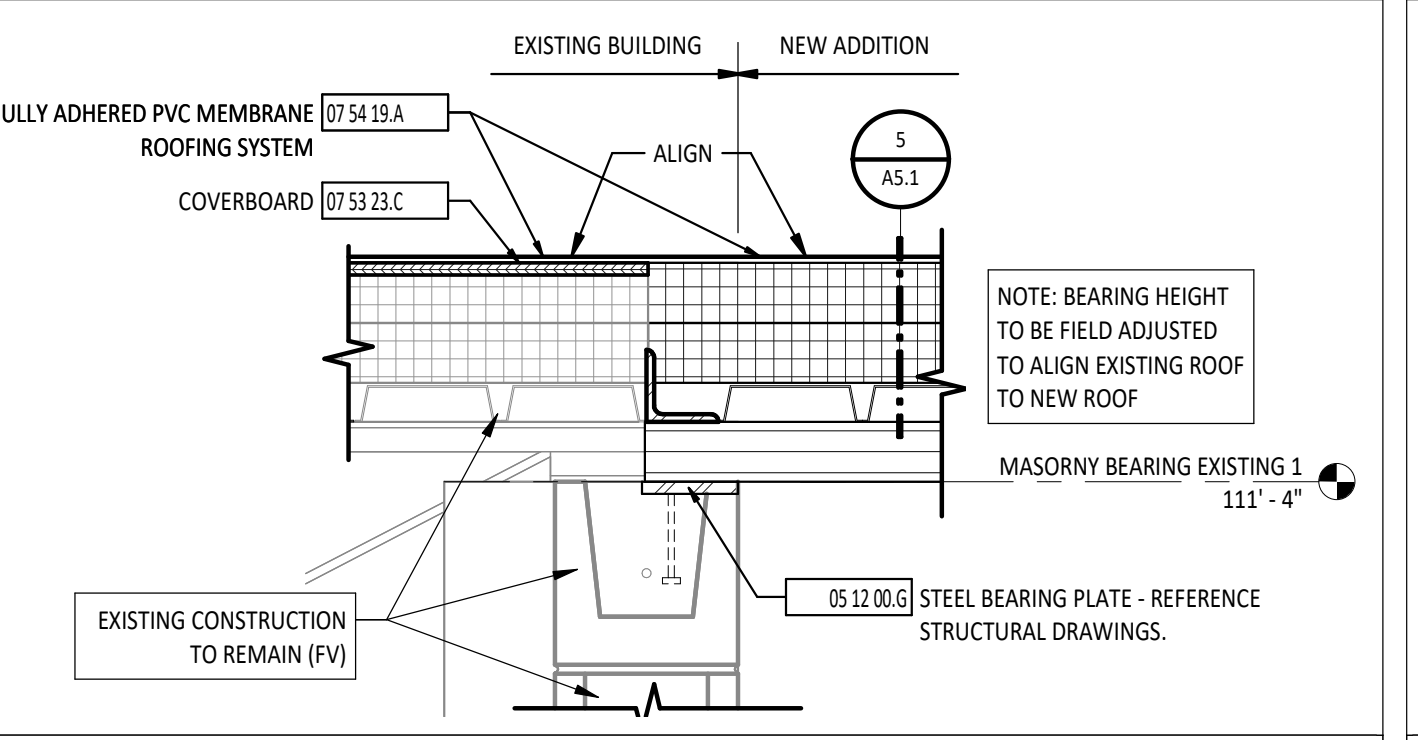
5 ROOF ASSEMBLY
1 1/2" = 1'-0"



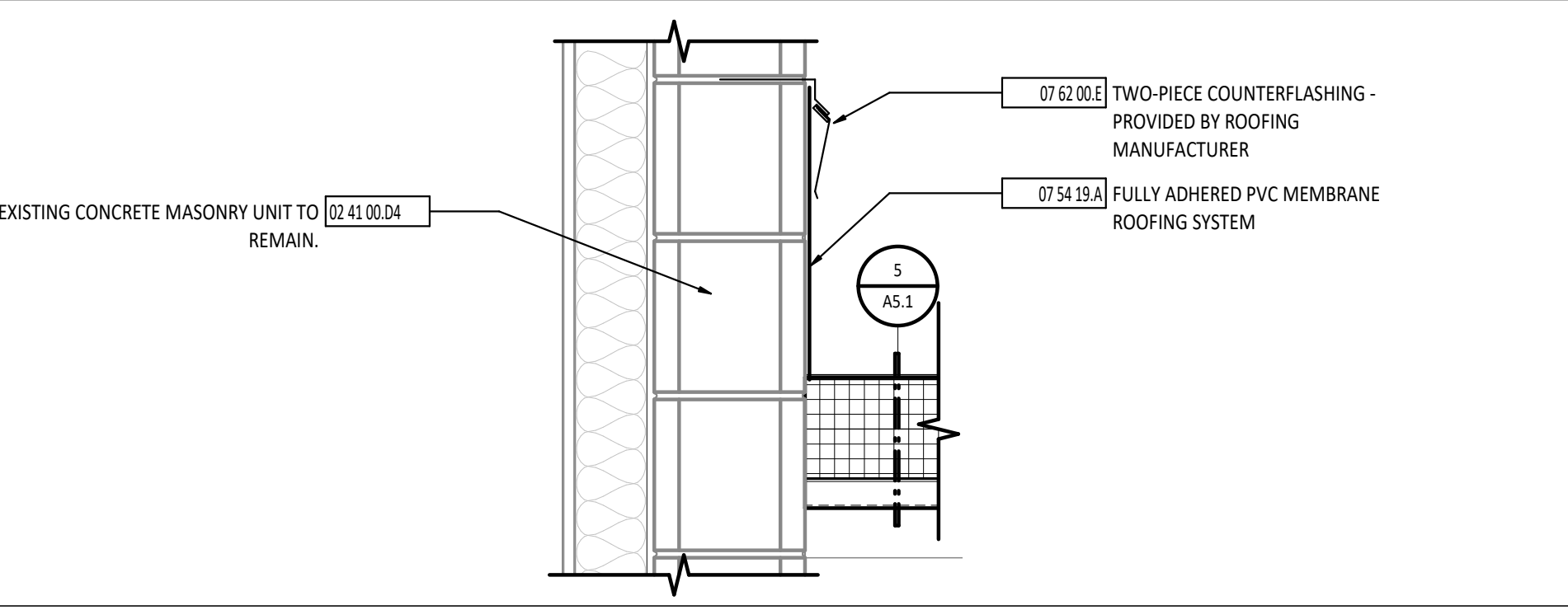
10 CURB SECTION DETAIL
1 1/2" = 1'-0"



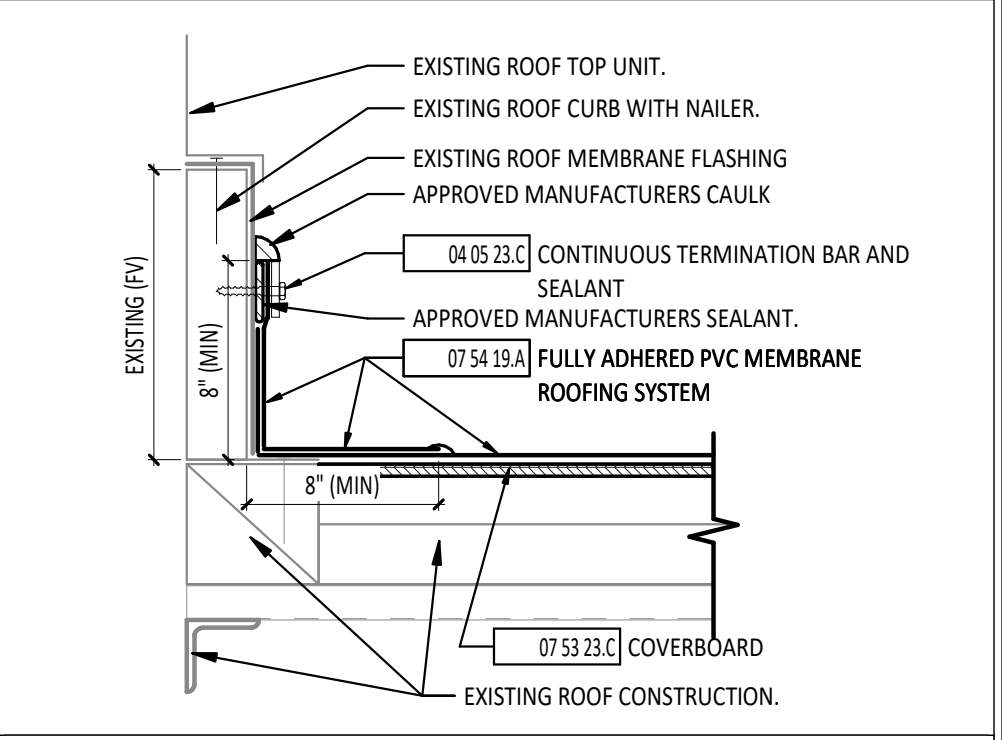
8 ROOF DETAIL
1 1/2" = 1'-0"



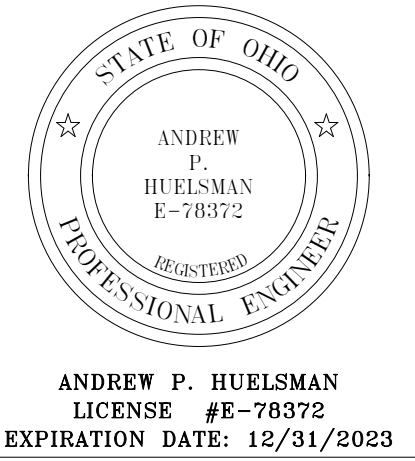
7 ROOF DETAIL
1 1/2" = 1'-0"



9 ROOF DETAIL
1 1/2" = 1'-0"



11 CURB SECTION DETAIL
1 1/2" = 1'-0"



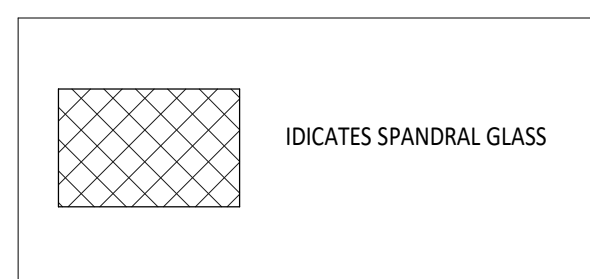
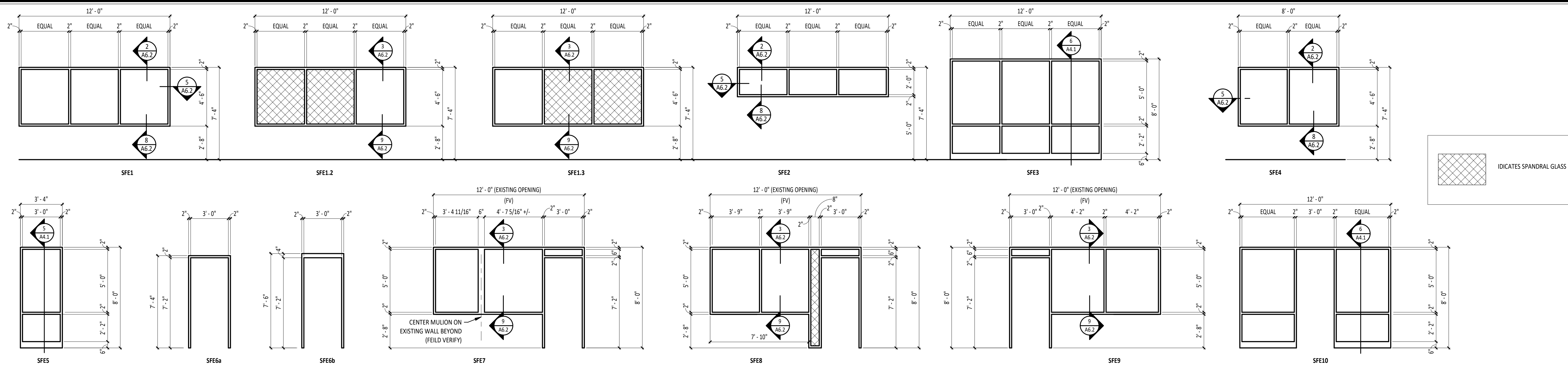
TIPP CITY GOVERNMENT BUILDING INFILL

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

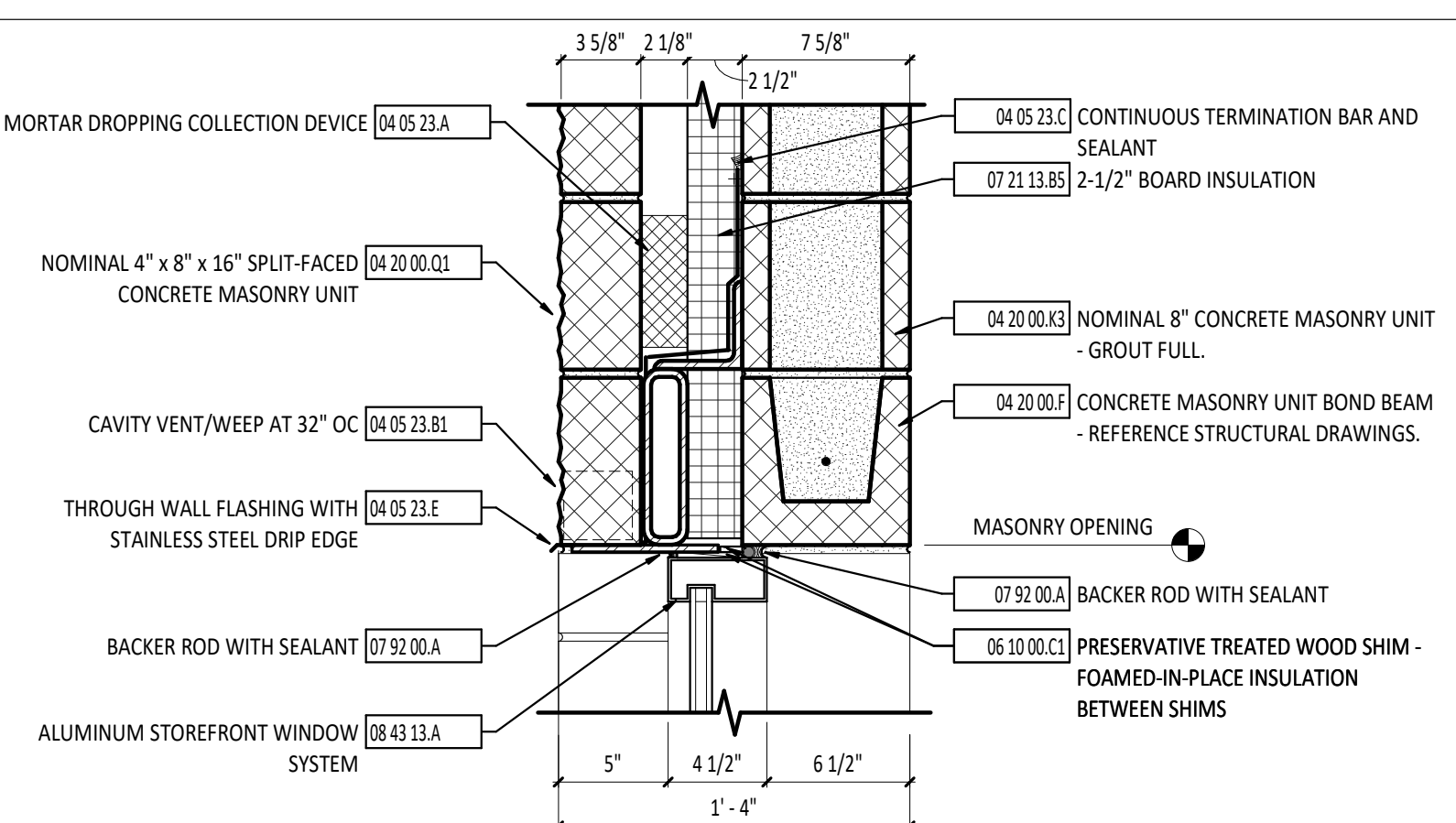
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	MOB	UKL

SHEET TITLE:
ROOF PLAN

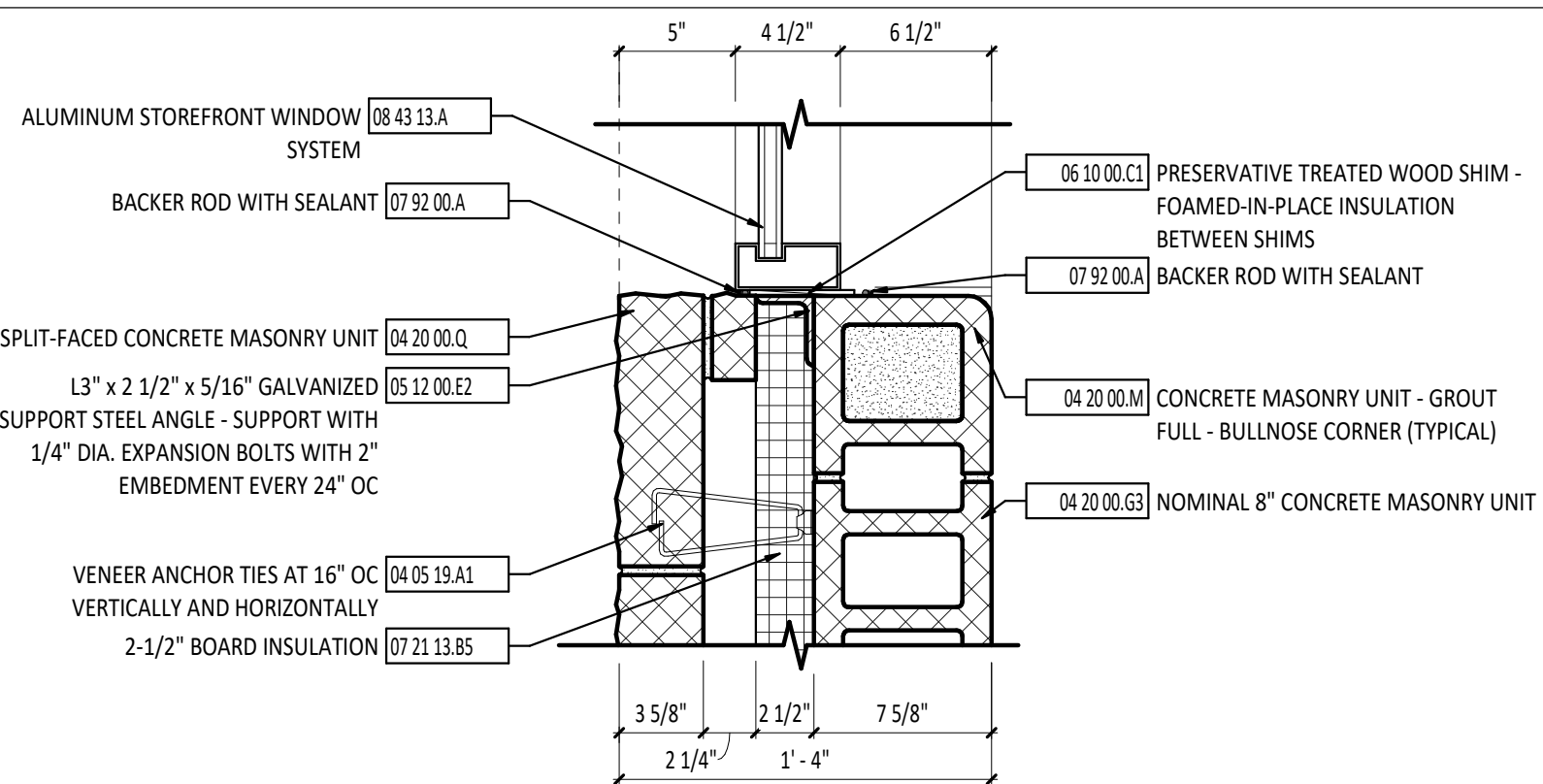
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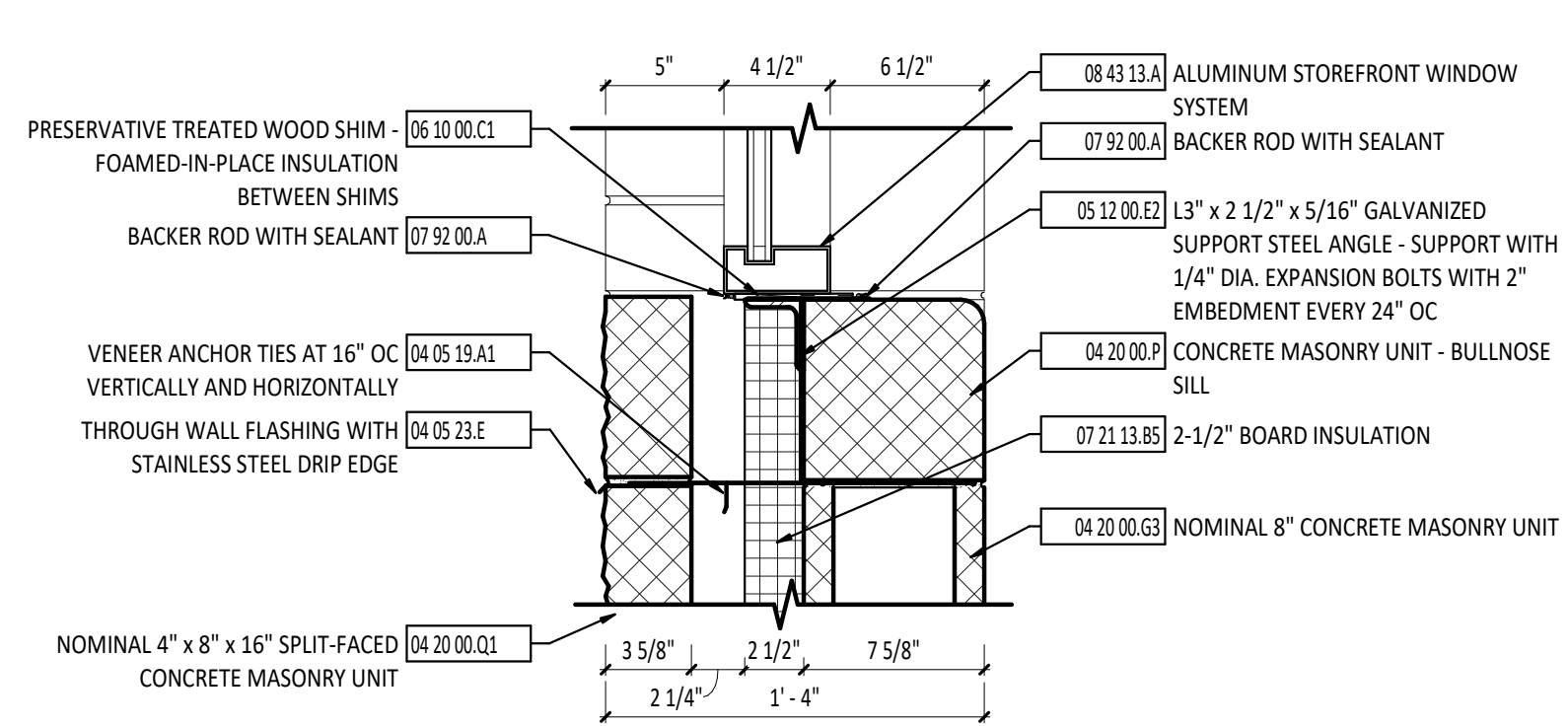
1 STOREFRONT ELEVATIONS
1/4" = 1'-0"



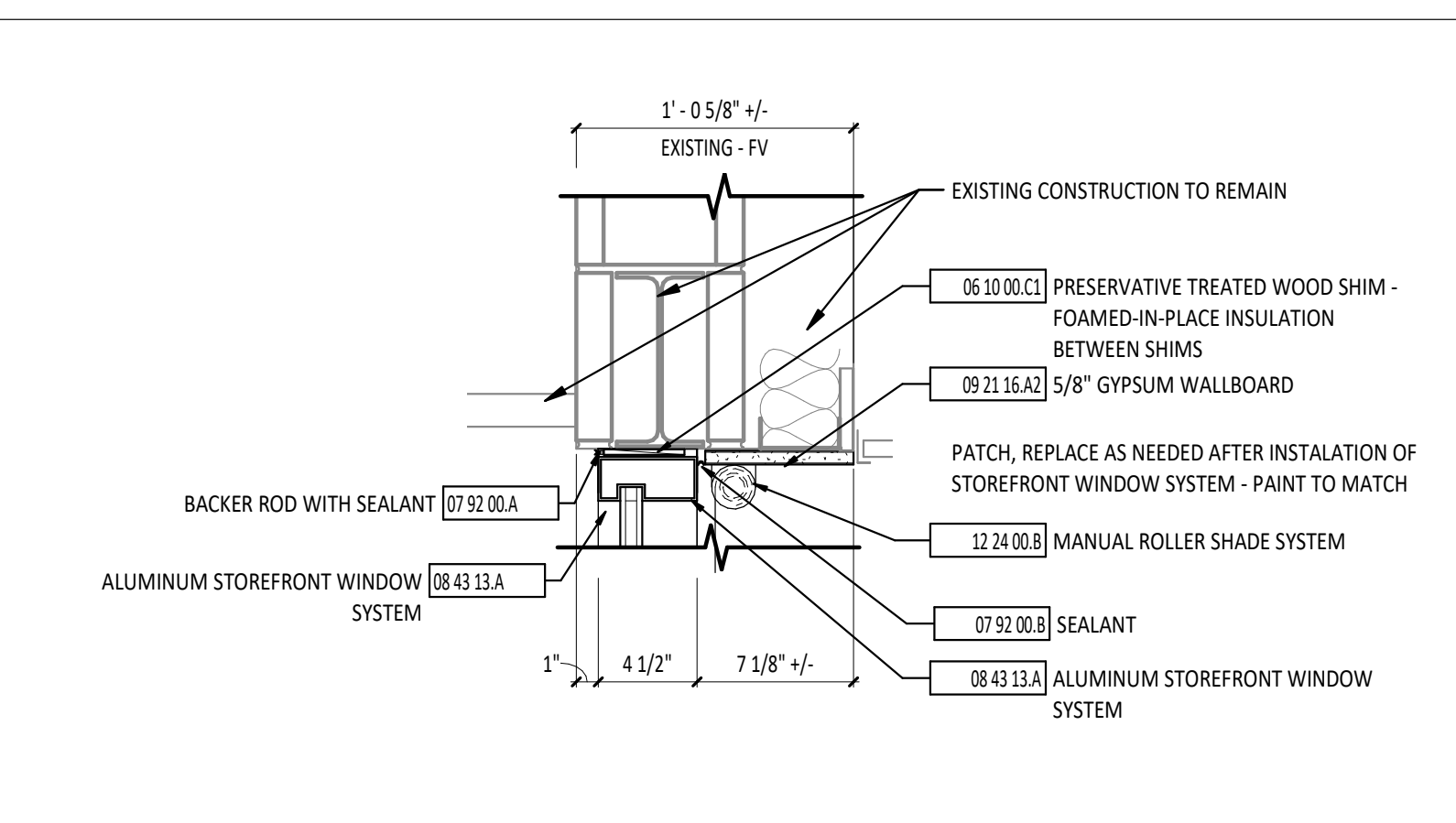
2 HEAD DETAIL - EXTERIOR
1/2" = 1'-0"



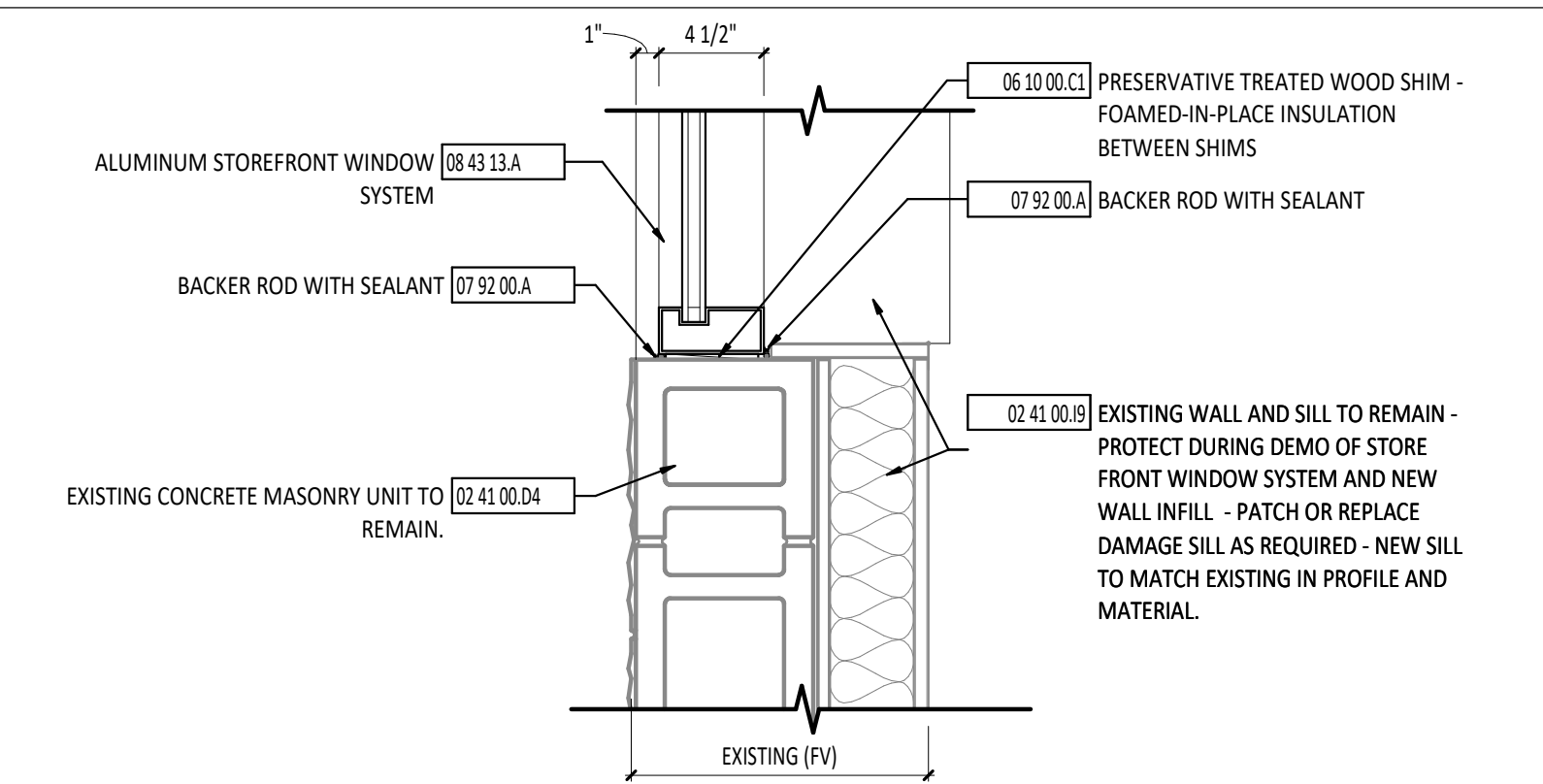
5 JAMB DETAIL - EXTERIOR
1/2" = 1'-0"



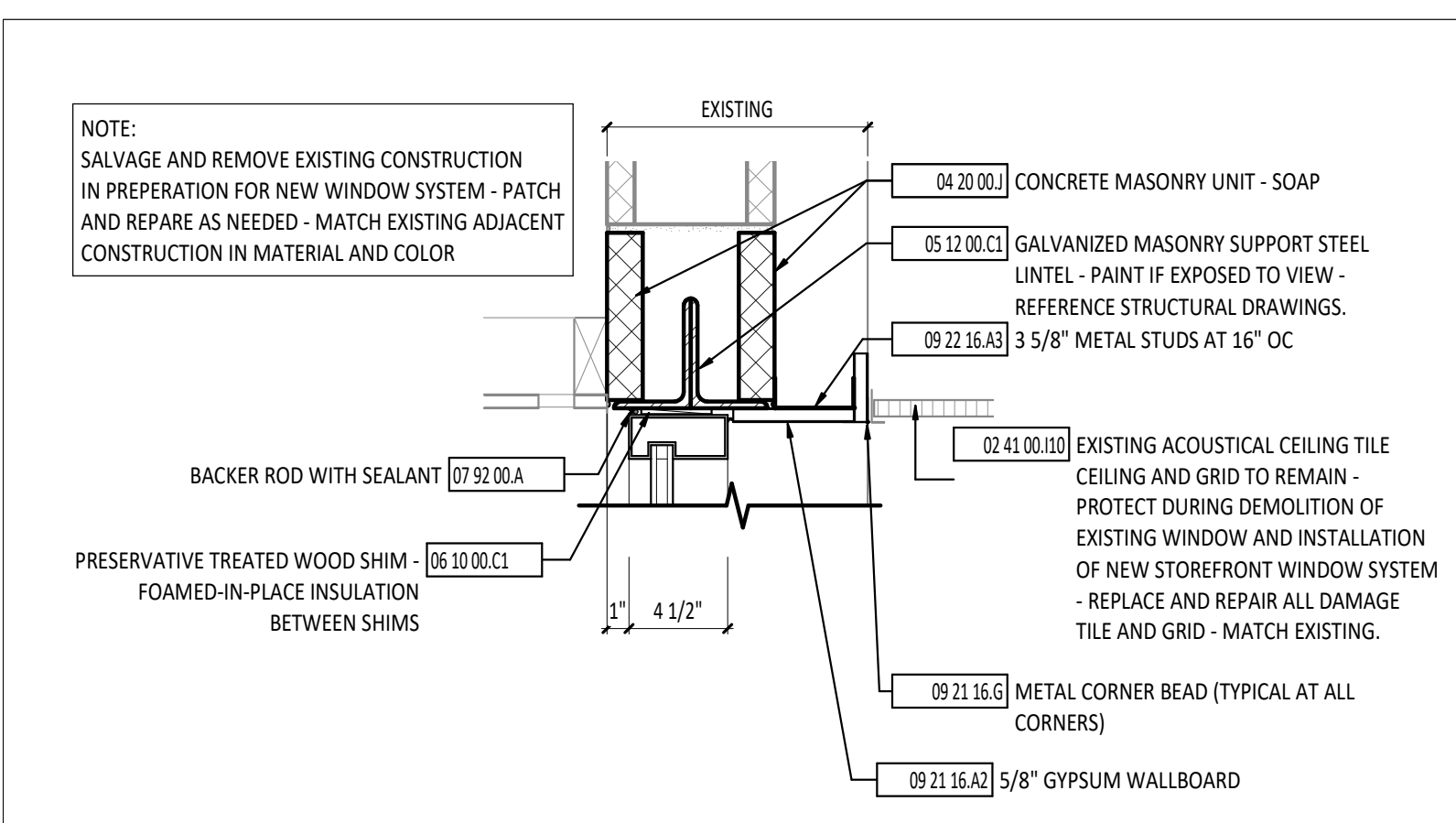
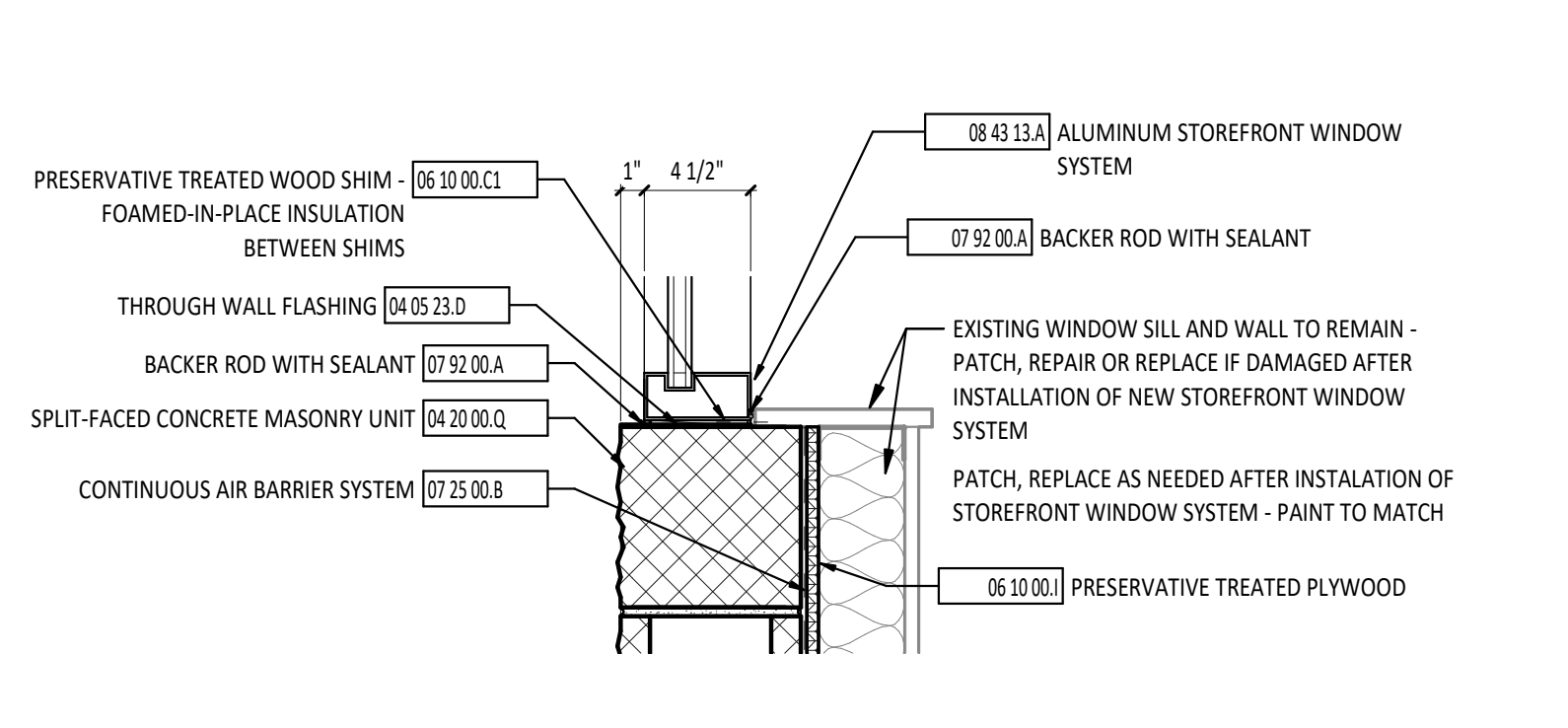
8 SILL DETAIL - EXTERIOR
1/2" = 1'-0"



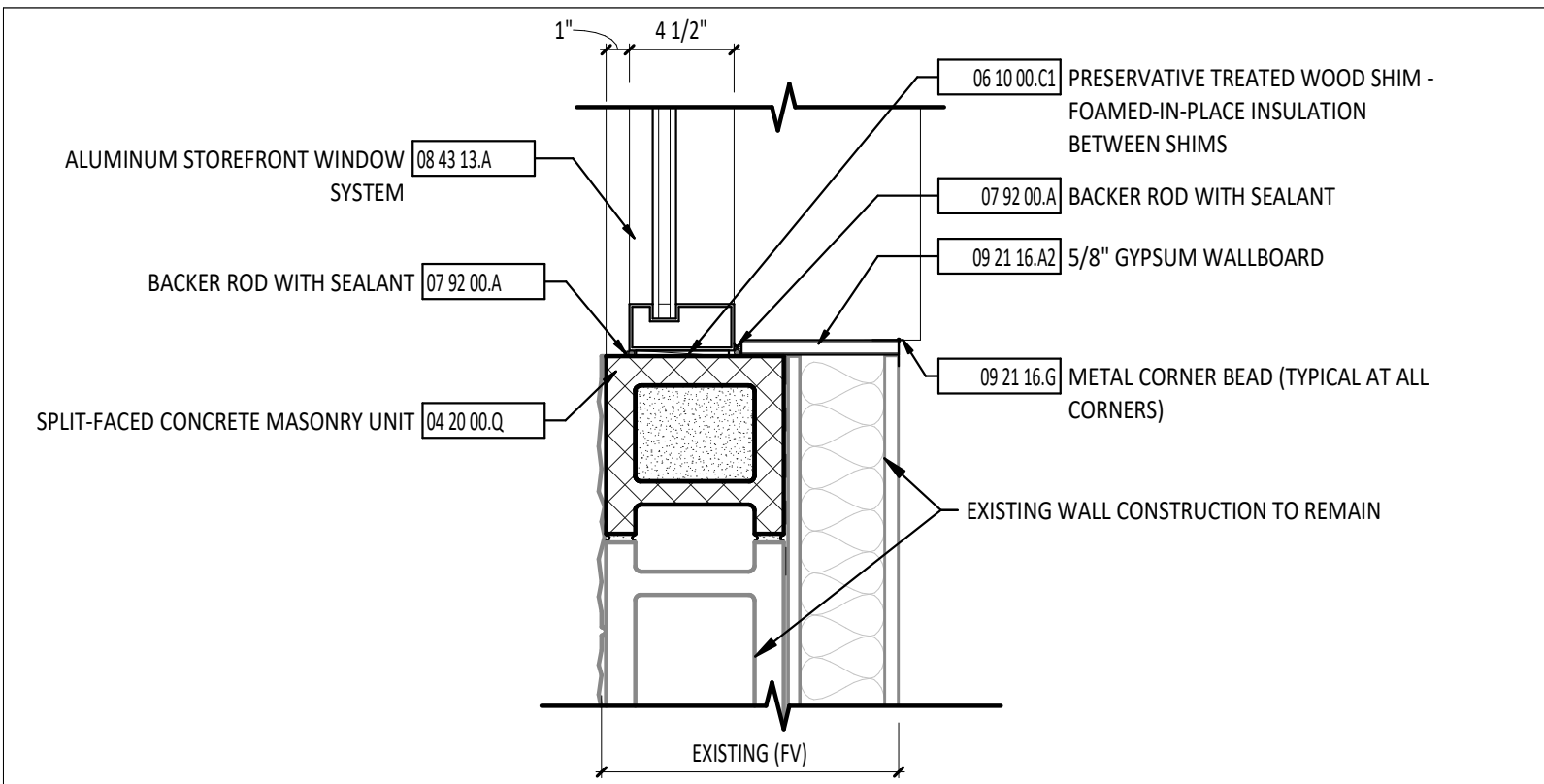
3 HEAD DETAIL - EXTERIOR
1/2" = 1'-0"



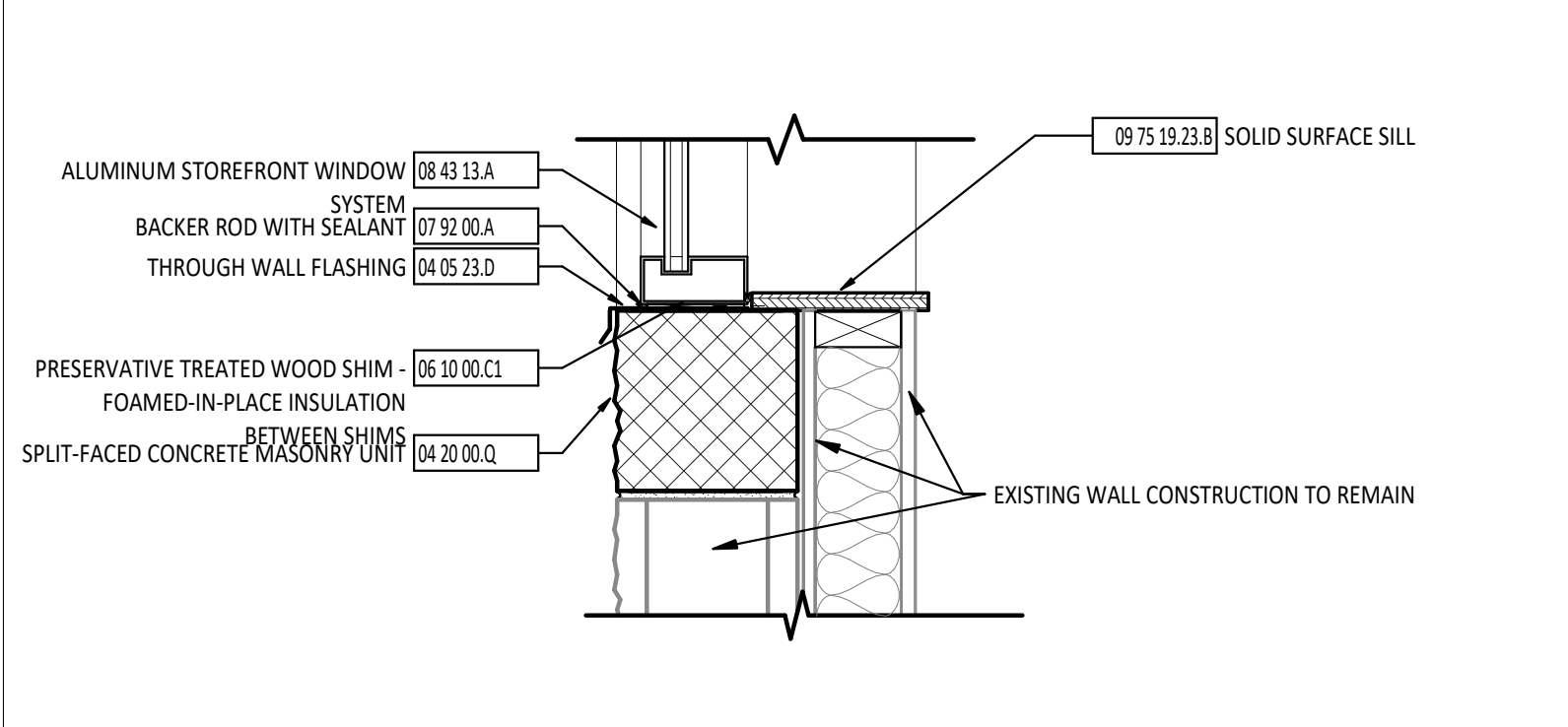
9 SILL DETAIL - EXTERIOR
1/2" = 1'-0"



4 HEAD DETAIL - EXTERIOR
1/2" = 1'-0"



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



10 SILL DETAIL - EXTERIOR
1/2" = 1'-0"

EXTERIOR STOREFRONT SCHEDULE			
MARK	DESCRIPTION	FUNCTION	NOTES
SFE1	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE1.2	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE1.3	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE2	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE3	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE4	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE5	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE6a	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE6b	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE7	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE8	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE9	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	
SFE10	2" x 4 1/2" - STOREFRONT - FRONT SET	Exterior	

REFLECTED CEILING PLAN SYMBOLS LEGEND

- ROOM DESIGNATION - REFERENCE ROOM INDEX.
- LEVEL ELEVATION
- STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- KEYNOTE DESIGNATION SPECIFICATION SECTION
- CEILING TYPE AND HEIGHT DESIGNATION
- SECTION

REFLECTED CEILING PLAN MATERIAL PATTERNS LEGEND

- AREA OF WORK RELATED TO OTHER TRADES - REINSTALL EXISTING CEILING

REFERENCE ELECTRICAL/MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

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

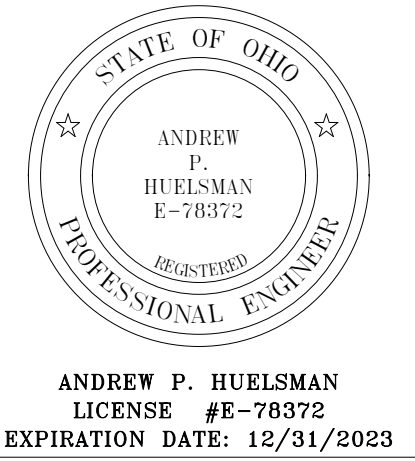
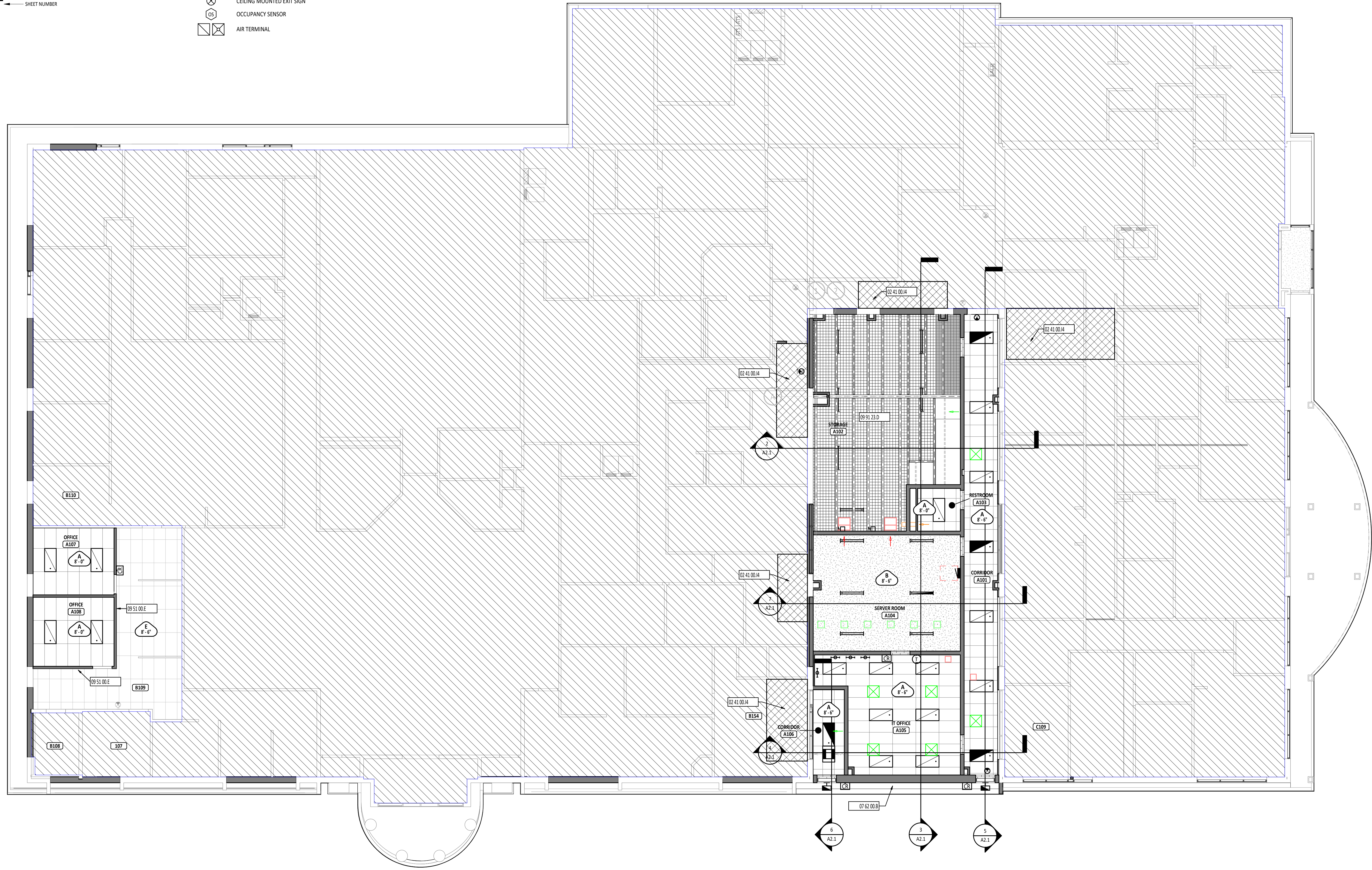
FIRST FLOOR PLAN ROOM INDEX - OVERALL			
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	CORRIDOR	456 SF	
A102	STORAGE	860 SF	3
A103	RESTROOM	54 SF	
A104	SERVER ROOM	506 SF	2
A105	IT OFFICE	432 SF	4
A106	CORRIDOR	79 SF	
A107	OFFICE	161 SF	2
A108	OFFICE	166 SF	2
A201	STORAGE	884 SF	3

CEILING SCHEDULE		
MARK	DESCRIPTION	NOTES
	(2) LAYERS 5/8" GYPSUM CEILING BOARD OVER 3 5/8" METAL STUDS	REFER TO SPEC SECTION 09 2116
A	2' x 4' SUSPENDED ACOUSTICAL PANEL CEILING	REFER TO SPEC SECTION 09 5100
B	5/8" GYPSUM CEILING BOARD ON SUSPENDED CEILING SYSTEM	REFER TO SPEC SECTION 09 5100
E	EXISTING TO REMAIN - PATCH AND REPAIR DAMAGE CEILING TILE AND TRACK DO TO NEW WALL CONSTRUCTION	

#	KEYNOTE DESCRIPTION
02 41 00.14	SALVAGE AND REMOVE EXISTING ACOUSTICAL CEILING TILE CEILING AS REQUIRED FOR OTHER TRADES - REINSTALL CEILING.
07 62 00.B	VENTED METAL SOFFIT SYSTEM WITH SUPPORT STRUCTURE AS REQUIRED - PROVIDE VENTED PANEL EVERY 5'-0"
09 51 00.E	RESET EXISTING GRID/TILE CEILING TO WORK WITH NEW PARTITION PLAN.
09 91 23.D	PAINTED EXPOSED STRUCTURE, EXPOSED CEILING, AND EXPOSED HVAC

REFLECTED CEILING PLAN GENERAL NOTES

- D REFERENCE ELECTRICAL, MECHANICAL AND TECHNOLOGY DRAWINGS FOR MORE INFORMATION ON ALL CEILING MOUNTED DEVICES.
- A REFER TO FINISH MATERIAL SCHEDULE ON SHEET A9.0 FOR MANUFACTURER INFORMATION AND MATERIAL SELECTION.
- E EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE



**TIPP CITY GOVERNMENT
BUILDING INFILL**

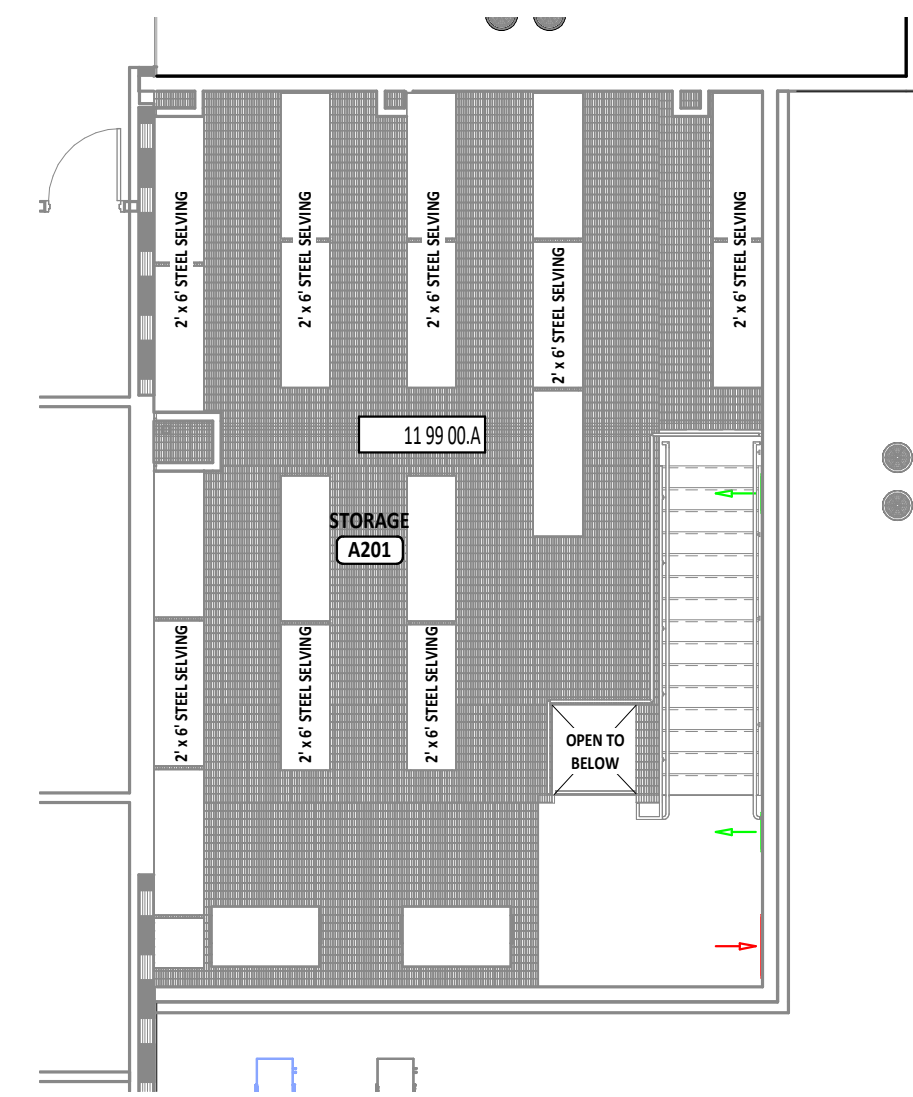
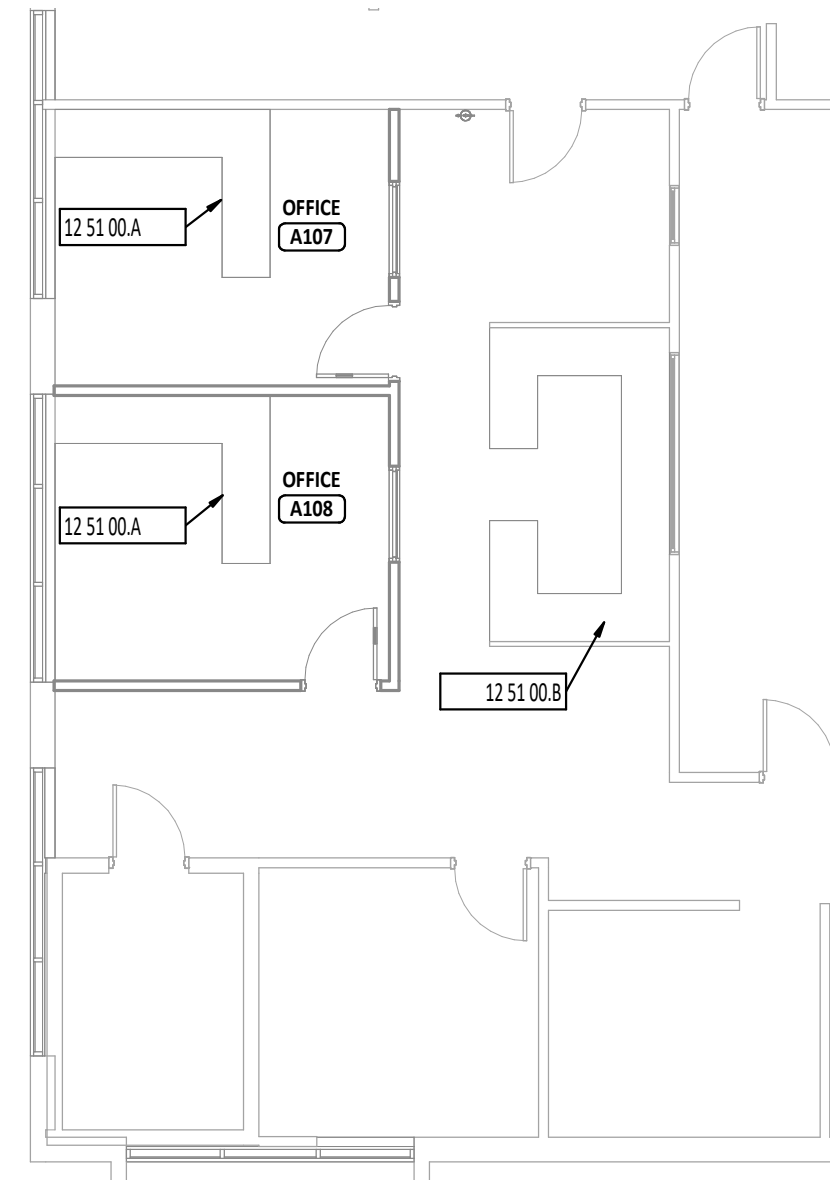
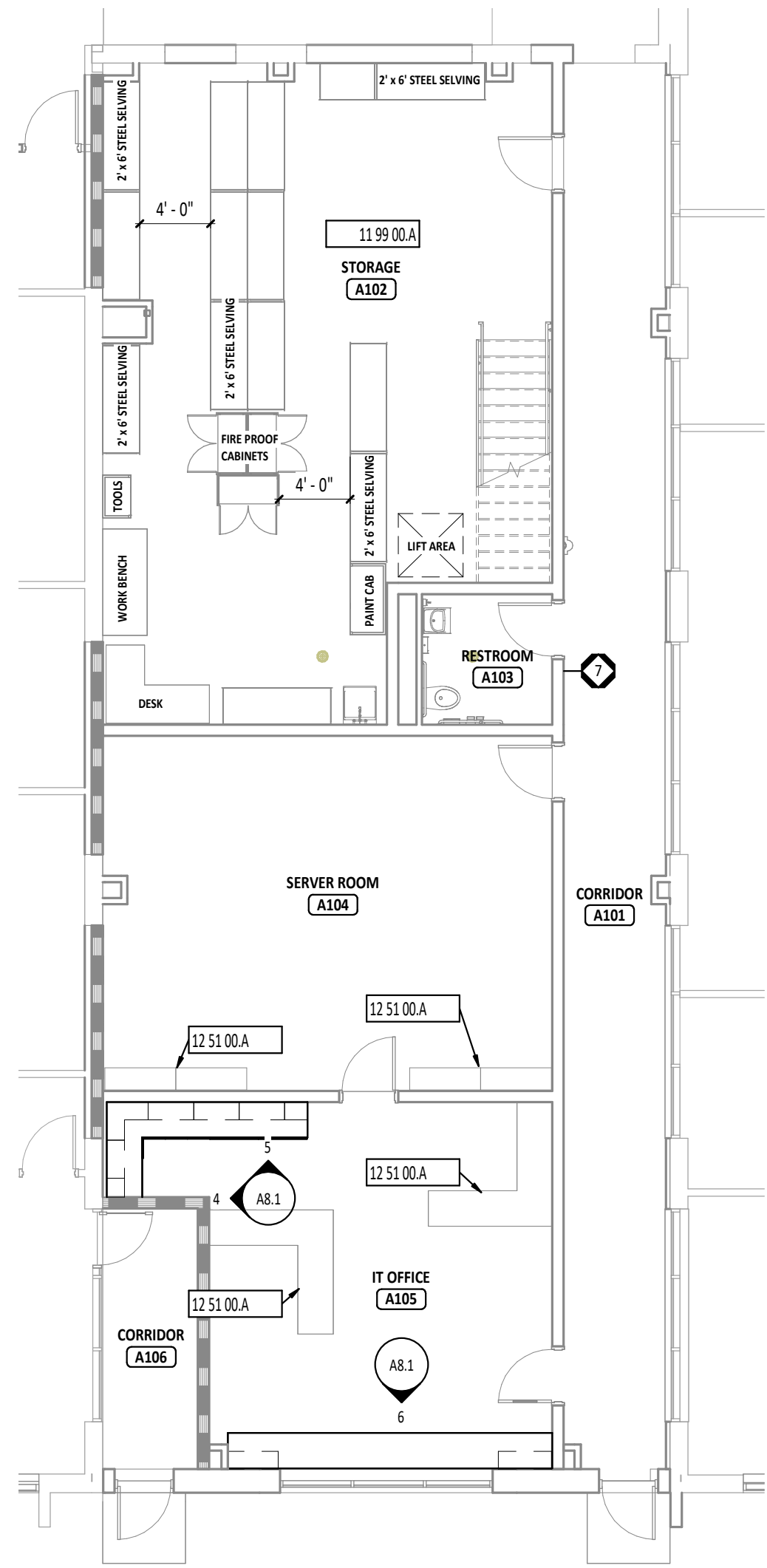
ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	ADP	BAB

SHEET TITLE:
**FIRST FLOOR
REFLECTED CEILING
PLAN**

SHEET NUMBER:
A7.1





2 FIRST FLOOR EQUIPMENT PLAN
1/8" = 1'-0"

3 SECOND FLOOR EQUIPMENT PLAN
1/8" = 1'-0"

1 FIRST FLOOR EQUIPMENT PLAN
1/8" = 1'-0"

4 CASEWORK ELEVATION - A105 - WEST
1/4" = 1'-0"

5 CASEWORK ELEVATION - A105 - NORTH
1/4" = 1'-0"

6 CASEWORK ELEVATION - A105 - SOUTH
1/4" = 1'-0"

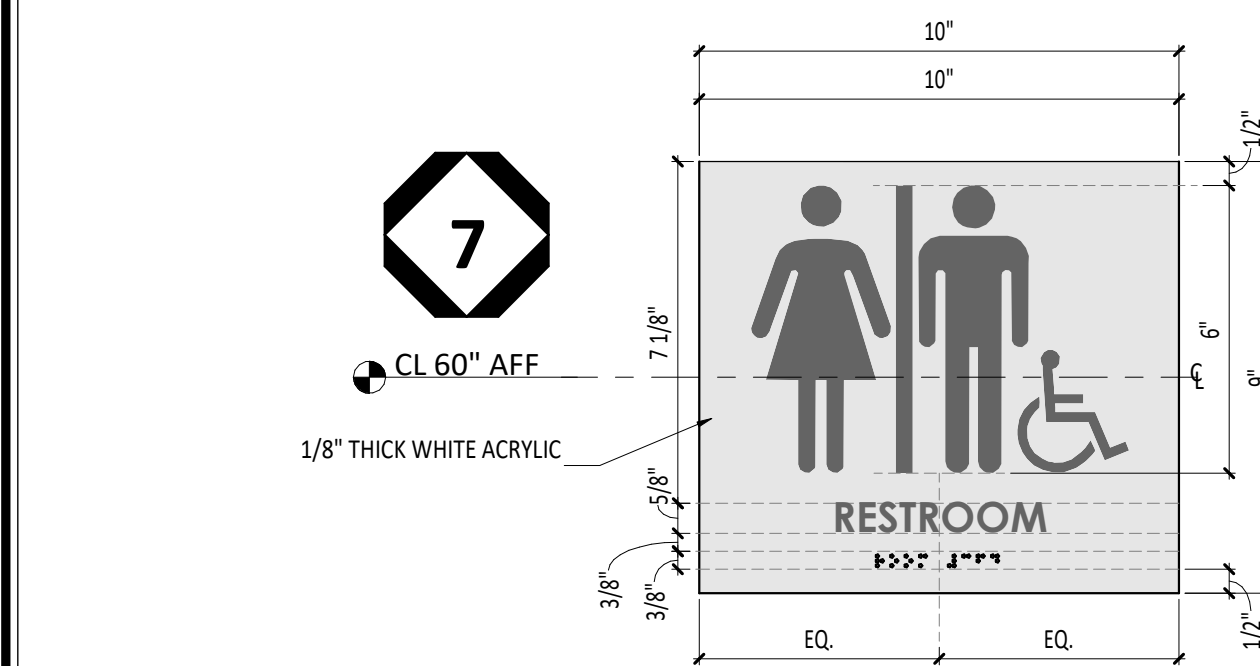
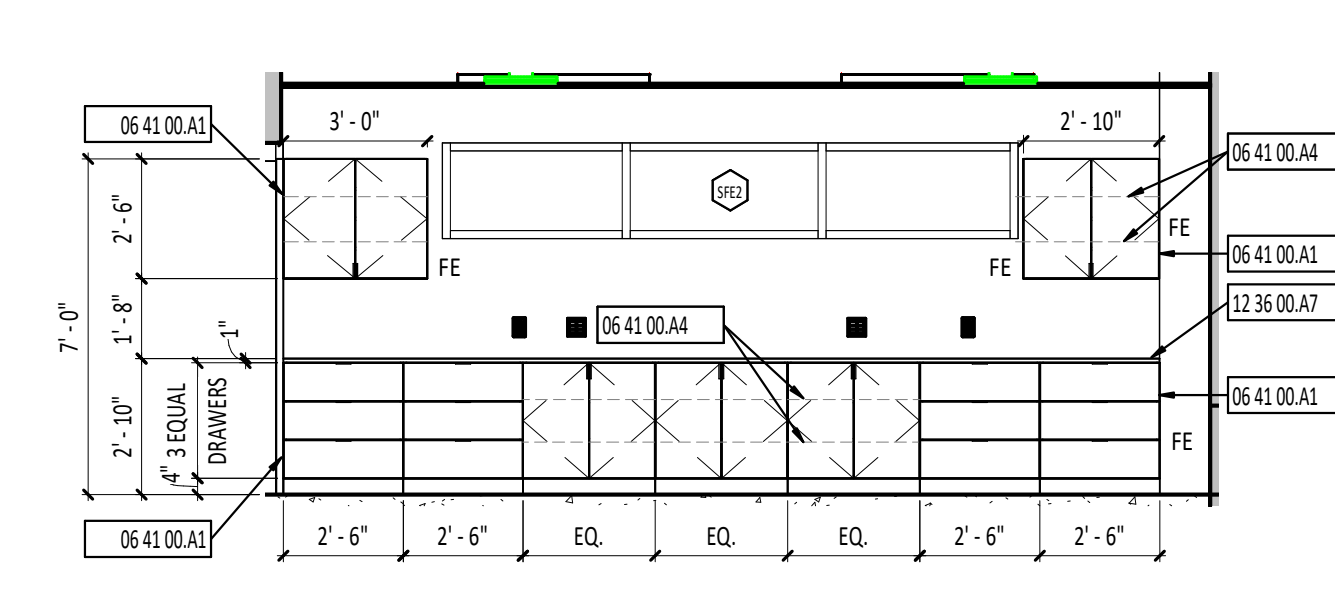
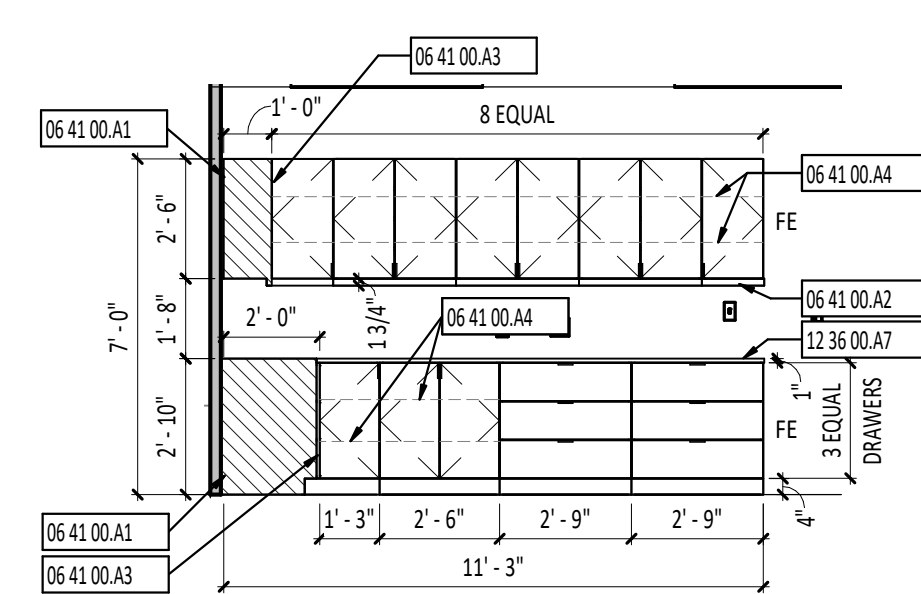
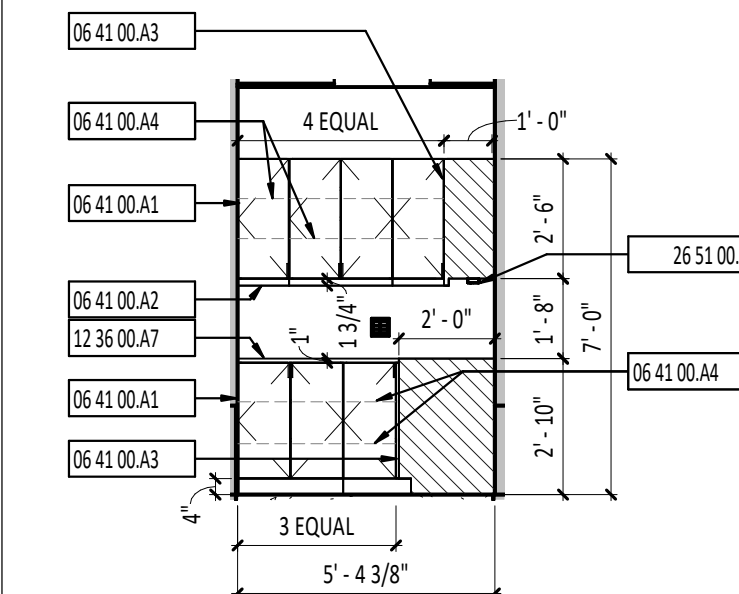
CASEWORK AND EQUIPMENT SYMBOLS LEGEND

- CS CASEWORK - CHAIN STOP DESIGNATION
- FE CASEWORK - FINISH END DESIGNATION
- A101 ROOM DESIGNATION - REFERENCE ROOM INDEX.
- SIGNAGE DESIGNATION - REFERENCE SIGNAGE DETAILS.
- LEVEL ELEVATION LEVEL LINE
- DISVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- KEYNOTE DESIGNATION SPECIFICATION SECTION
- AREA OR DETAIL CALLOUT DETAIL NUMBER SHEET NUMBER
- INTERIOR ELEVATION DETAIL NUMBER SHEET NUMBER
- SECTION DETAIL NUMBER SHEET NUMBER

EQUIPMENT GENERAL NOTES

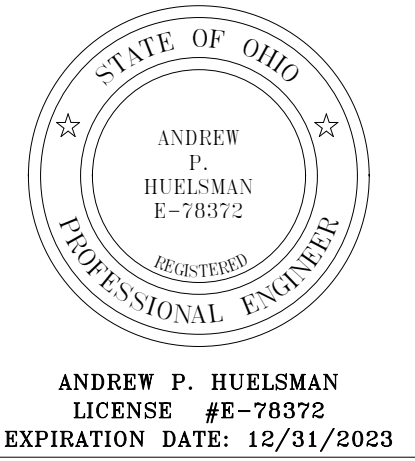
B ALL CASEWORK BY SPEC SECTION 06 41 00.

#	KEYNOTE DESCRIPTION
06 41 00.A1	VERTICAL SCRIBE - SAME MATERIAL AND HEIGHT AS SURROUNDING SURFACE. TYPICAL WHERE CASEWORK MEETS ADJACENT WALLS.
06 41 00.A2	FRONT AND SIDE BASE TO CONCEAL UNDERCABINET LIGHTING.
06 41 00.A3	MINIMUM FILLER AT INSIDE CORNERS TO MATCH ADJACENT SURFACE.
06 41 00.A4	ADJUSTABLE HEIGHT SHELVES.
11 99 00.A	STOARGE EQUIPMENT IN THIS ROOM IS ALL EXISTING, TO BE INSTALLED BY OWNER.
12 36 00.A7	SOLID SURFACING COUNTERTOP
12 51 00.A	FURNITURE: FURNISHED AND INSTALLED BY OWNER.
12 51 00.B	EXISTING FURNITURE TO BE INSTALLED BY OWNER.
26 51 00.A	INTERIOR LIGHT - REFERENCE ELECTRICAL DRAWINGS.



TYPE F
UNISEX RESTROOM SIGN
- ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- 3/8" H RAISED GRADE 2 BRAILLE, WHITE.
- RAISED GRAPHIC, DARK GRAY.
- ROOM NAME RAISED LETTERING, DARK GRAY. "CENTURY GOTHIC" FONT, BOLD.

7 RESTROOM SIGNAGE
3" = 1'-0"



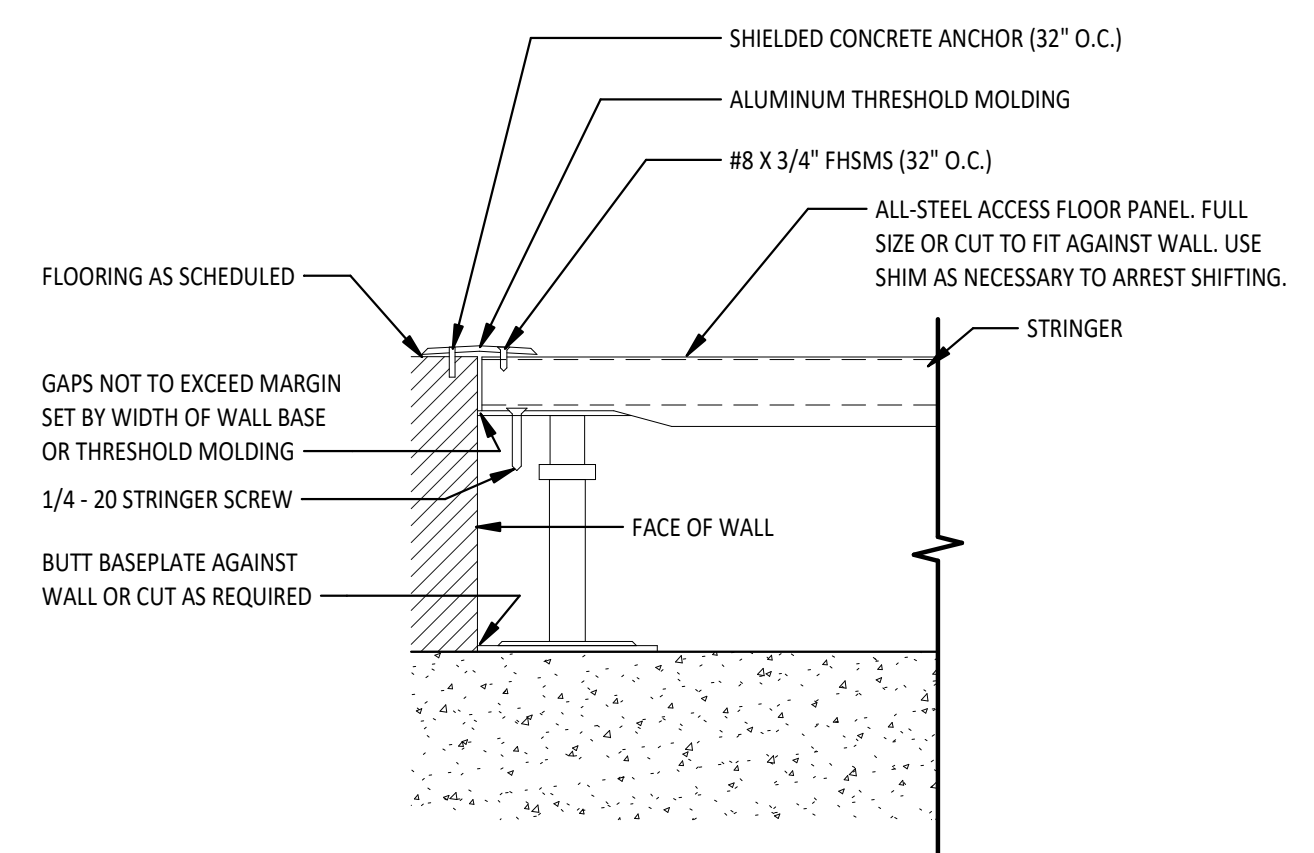
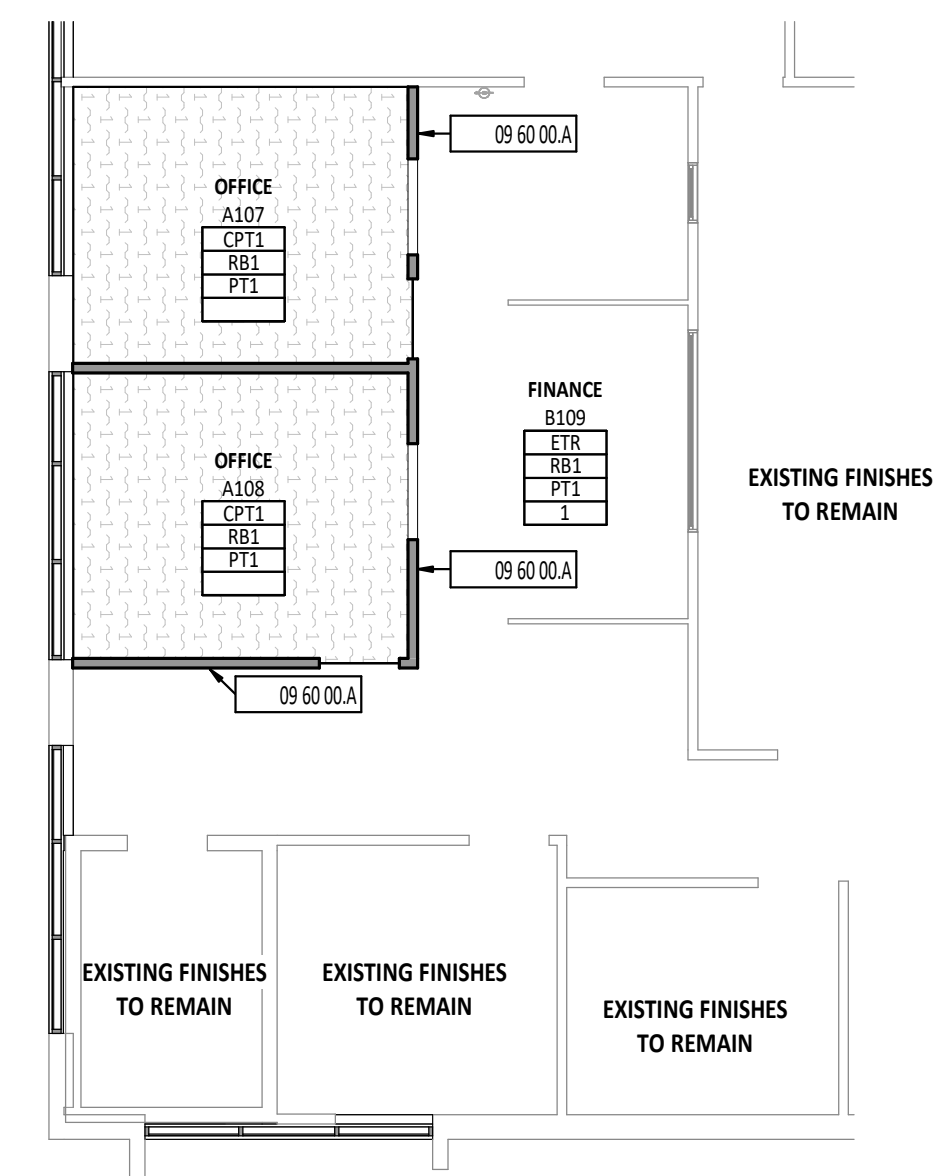
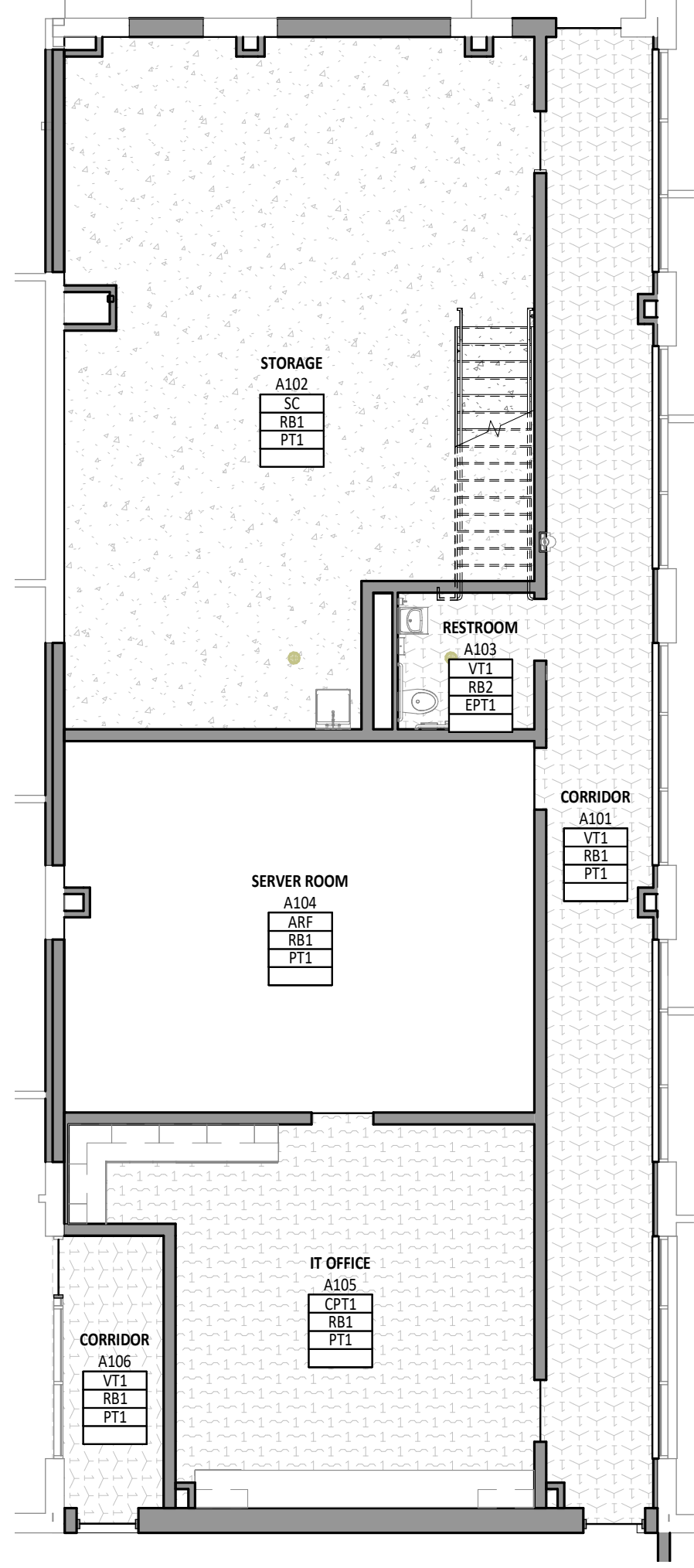
TIPP CITY GOVERNMENT BUILDING INFILL

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

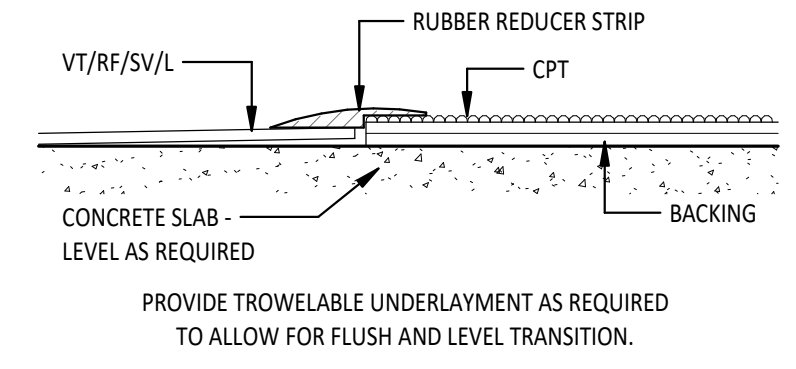
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	ADP	BAB

FIRST AND SECOND FLOOR EQUIPMENT PLAN

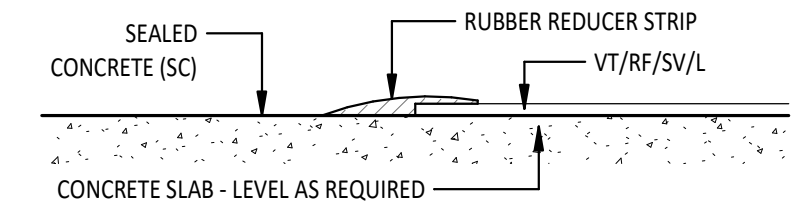
SHEET NUMBER:
A8.1



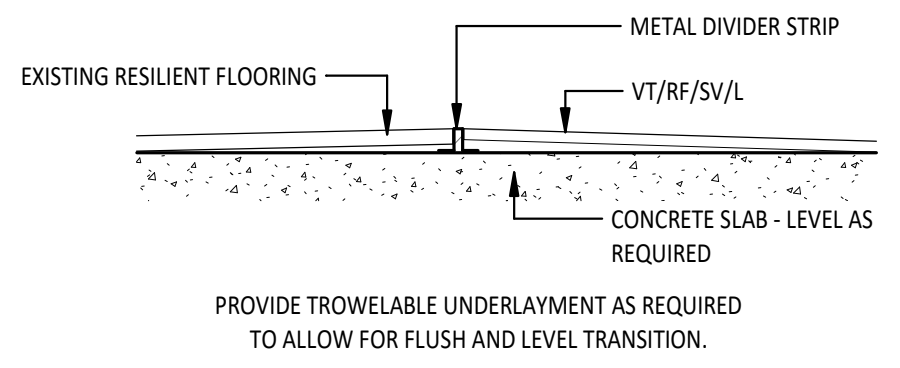
3 FLOOR TRANSITION - RAISED ACCESS FLOORING AT CURB
1 1/2" = 1'-0"



4 FLOOR TRANSITION - RESILIENT FLOORING TO CARPET
6" = 1'-0"



5 FLOOR TRANSITION - SEALED CONCRETE TO RESILIENT FLOORING
6" = 1'-0"



6 FLOOR TRANSITION - RESILIENT FLOORING TO RESILIENT FLOORING
6" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - OVERALL			
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A106	CORRIDOR	79 SF	
A107	OFFICE	161 SF	2
A108	OFFICE	166 SF	2
A201	STORAGE	884 SF	3

TYPICAL FINISHES

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

EXPOSED HVAC ELEMENTS (CEILING)	MATCH PT2
EXPOSED HVAC ELEMENTS (WALLS)	MATCH ADJACENT WALL FINISH
EXPOSED STRUCTURE (CEILING)	MATCH PT2
EXPOSED METAL DECK	MATCH PT2
GWB CEILINGS AND BULKHEADS	PT2
HOLLOW METAL DOOR FRAMES	PT1
HOLLOW METAL DOORS	PT1
INTERIOR WOOD DOORS	WD1
SWITCH PLATES AND OUTLET COVERS	WHITE
CABINET HARDWARE	CH1
WINDOW SILLS	SSM2

FLOOR FINISHES GENERAL NOTES

A FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.

B FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.

D FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.

E REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.

G ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.

M EXPOSED CEILING / STRUCTURE TO BE PAINTED, UNLESS NOTED OTHERWISE

#	KEYNOTE DESCRIPTION
09 60 00 A	TAKE CARE TO MAKE CLEAN CUTS AND PRESERVE EXISTING CARPET TO REMAIN.

FINISH TAG LEGEND

FLOOR FINISH	RF1	ROOM NUMBER
BASE FINISH	RB1	
WALL FINISH	PT1	
FINISH REMARK*	1	

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

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

INTERIOR FINISH REMARKS

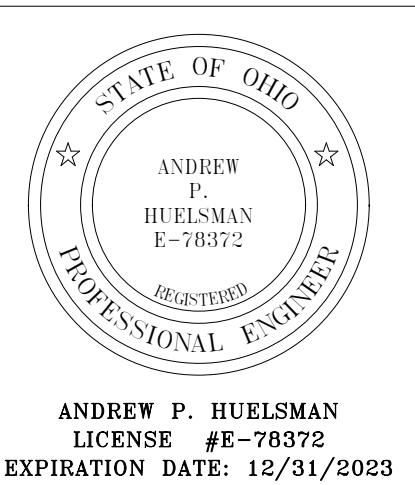
1. APPLY WALL PAINT AND RUBBER BASE AT NEWLY CONSTRUCTED WALLS ONLY. ALL OTHER WALLS SHALL REMAIN AS IS.

1 FIRST FLOOR FINISH PLAN
1/8" = 1'-0"

2 FIRST FLOOR FINISH PLAN
1/8" = 1'-0"

5 FLOOR TRANSITION - SEALED CONCRETE TO RESILIENT FLOORING
6" = 1'-0"

FINISH MATERIAL SCHEDULE						
NAME	MANUFACTURER	STYLE	NUMBER	COLOR	SIZE	COMMENTS
03 35 11 CONCRETE FINISHING - SEALED CONCRETE						
SC	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS	-	REFER TO SPECIFICATIONS	-	REFER TO SPECIFICATIONS
06 41 00 - CASEWORK HARDWARE						
CH1	AMEROCK	EDGE PULLS	BP3657SPN	POLISHED NICKLE	3 3/4"	REFER TO SPECIFICATIONS
09 51 00 ACOUSTICAL CEILINGS - SUSPENSION SYSTEM						
TYPE A	ARMSTRONG	SQUARE LAY-IN		WHITE	15/16"	REFER TO SPECIFICATIONS
09 51 00 ACOUSTICAL CEILINGS - TILE						
TYPE A	ARMSTRONG	SCHOOL ZONE FINE FISSURED		WHITE	24" X 48" X 3/4"	MINERAL FIBER MATERIAL, .70 NRC SOUND ABSORPTION, 40 CAC SOUND BLOCKING, CLASS A (UL) FIRE PERFORMANCE, FIREGUARD FIRE RESISTANCE, 85% LIGHT REFLECTANCE, BIOBLOCK MOLD/MILDEW RESISTANCE, HUMIGUARD SAG/HUMIDITY RESISTANCE, FOG/SPRAY DISINFECTABILITY, USDA CERTIFIED BIOBASED CONTENT %.
09 65 00 RESILIENT FLOORING - VINYL TILE						
VT1	TARKETT	IQ EMINENT	-	TO BE SELECTED FROM MANUFACTURERS STANDARDS	12" X 12"	REFER TO SPECIFICATIONS
09 65 13 RESILIENT FLOORING - RUBBER BASE						
RB1	TARKETT	JOHNSONITE WALL BASE, BASEWORKS	-	TO BE SELECTED FROM MANUFACTURERS STANDARDS	4"	REFER TO SPECIFICATIONS
RB2	TARKETT	JOHNSONITE WALL BASE, BASEWORKS	-	TO BE SELECTED FROM MANUFACTURERS STANDARDS	6"	REFER TO SPECIFICATIONS
09 68 13 CARPETING - CARPET TILE						
CPT1	SHAW CONTRACT	PRIMARY TILE	ST123	TO BE SELECTED FROM MANUFACTURERS STANDARD	24" X 24"	REFER TO SPECIFICATIONS
09 69 00 - RAISED ACCESS FLOORING						
ARF	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS	-	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS
09 91 23 PAINTING - EPOXY PAINT						
EPT1	TO BE SELECTED FROM SHERWIN WILLIAMS STANDARD COLORS	REFER TO SPECIFICATIONS		MATCH PT1		REFER TO SPECIFICATIONS
09 91 23 PAINTING - PAINT						
PT1	TO BE SELECTED FROM SHERWIN WILLIAMS STANDARD COLORS	REFER TO SPECIFICATIONS		LIGHT GREY		REFER TO SPECIFICATIONS
PT2	TO BE SELECTED FROM SHERWIN WILLIAMS STANDARD COLORS	REFER TO SPECIFICATIONS		WHITE		REFER TO SPECIFICATIONS
12 24 00 WINDOW SHADES - ROLLER SHADE						
RS1	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS	-	TO BE SELECTED FROM MANUFACTURERS STANDARDS	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS
12 36 00 - SOLID SURFACE COUNTERTOPS						
SSM1	CORIAN	SOLID SURFACE	-	BASALT TERRAZZO	12MM	
SSM2	CORIAN	SOLID SURFACE	-	WHITE	12MM	



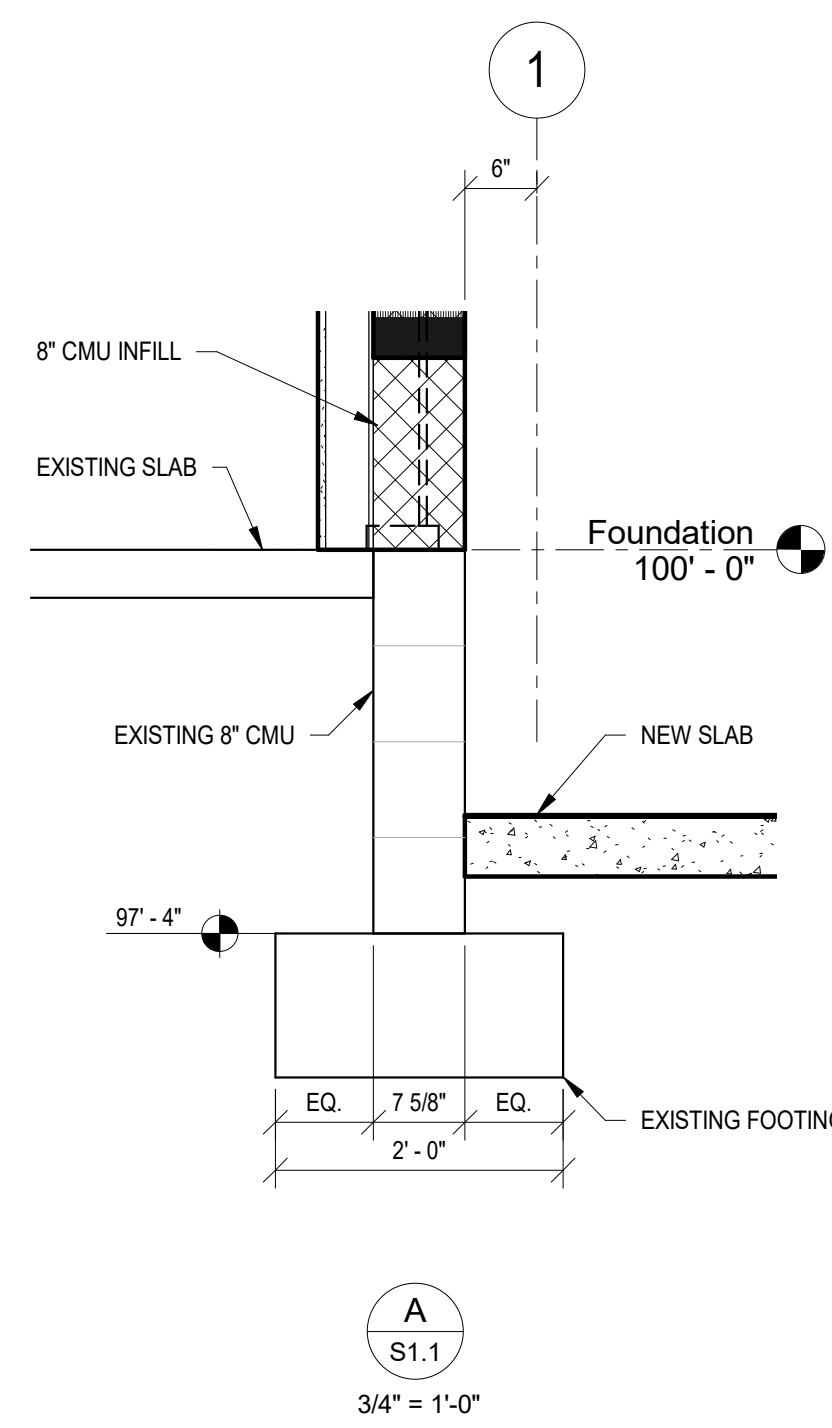
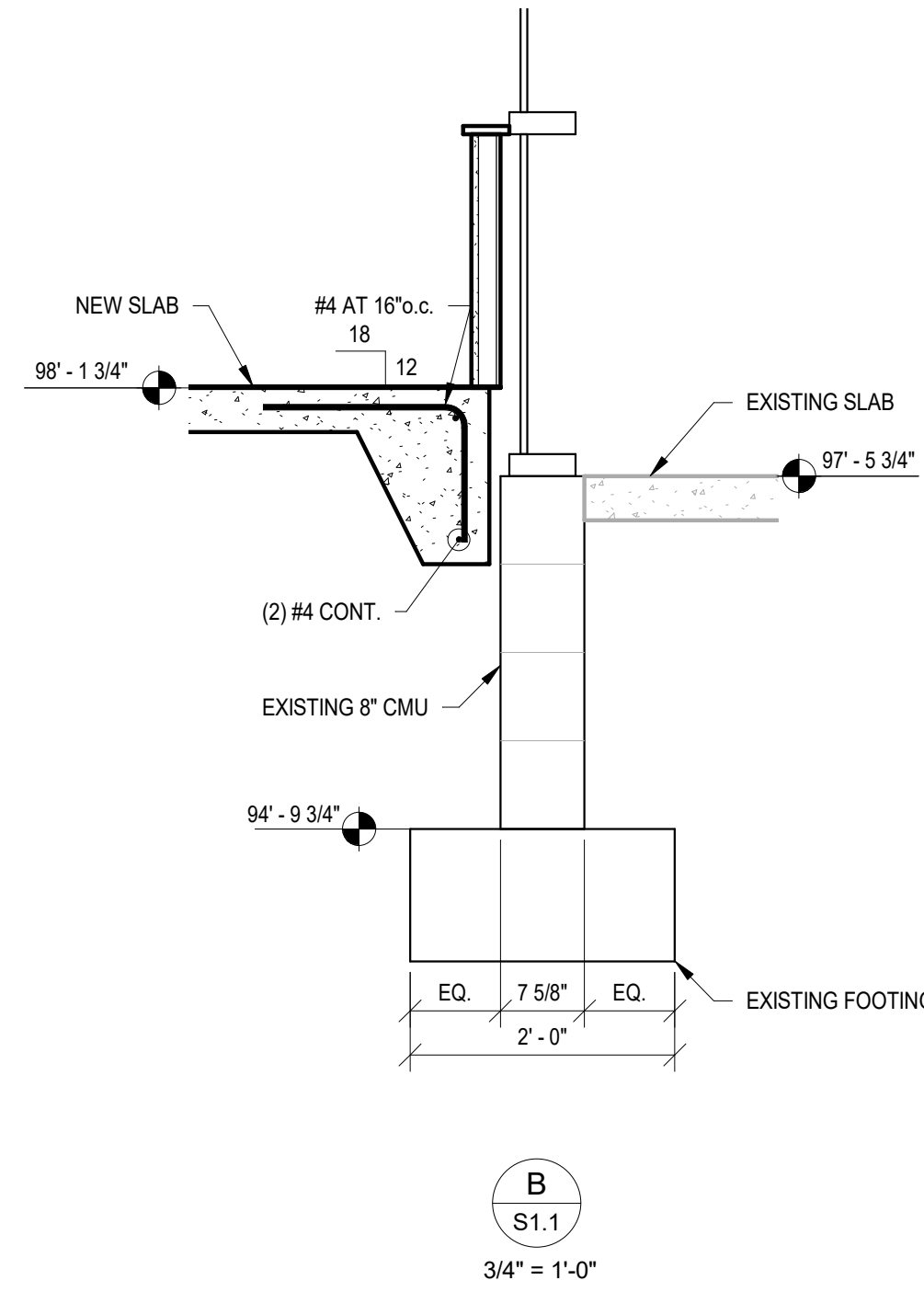
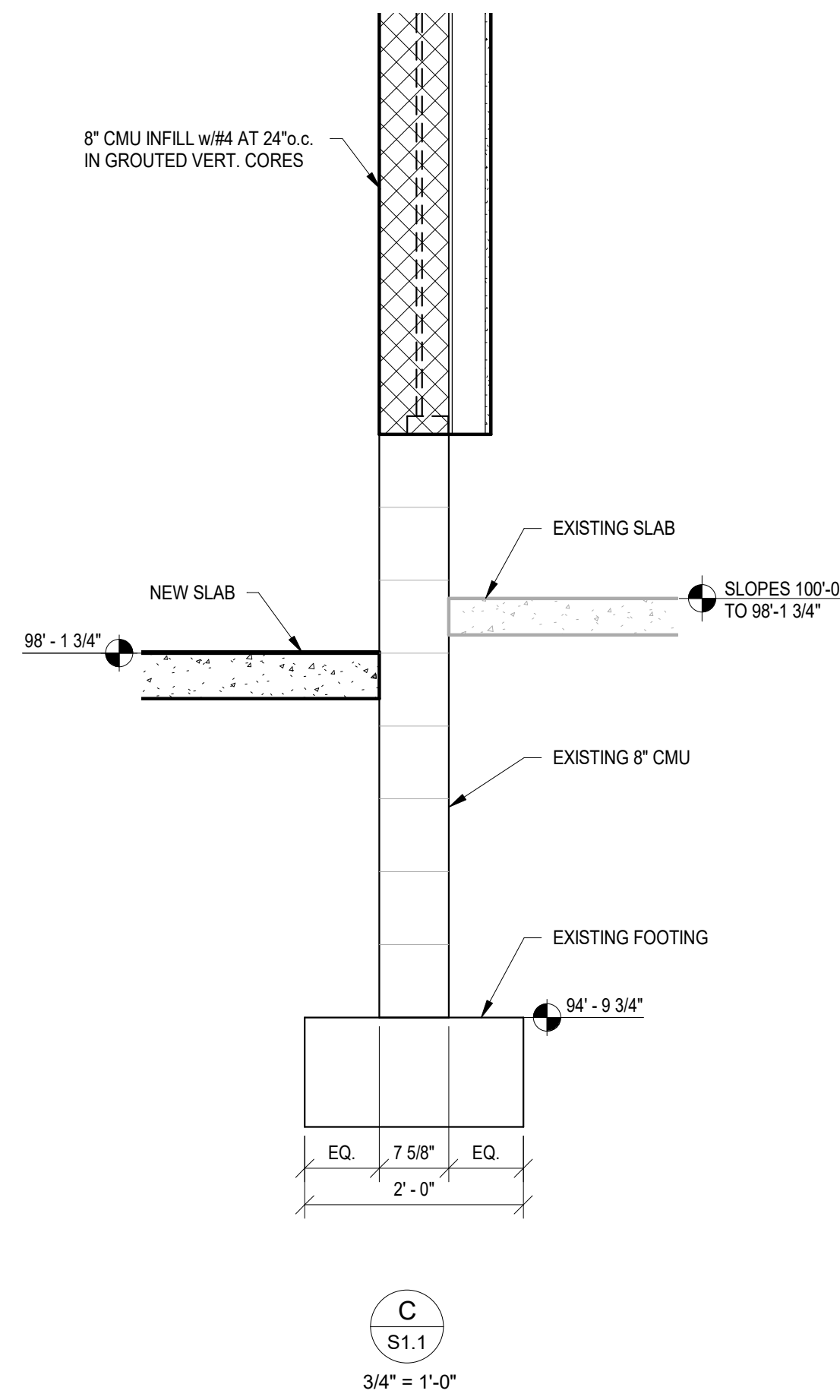
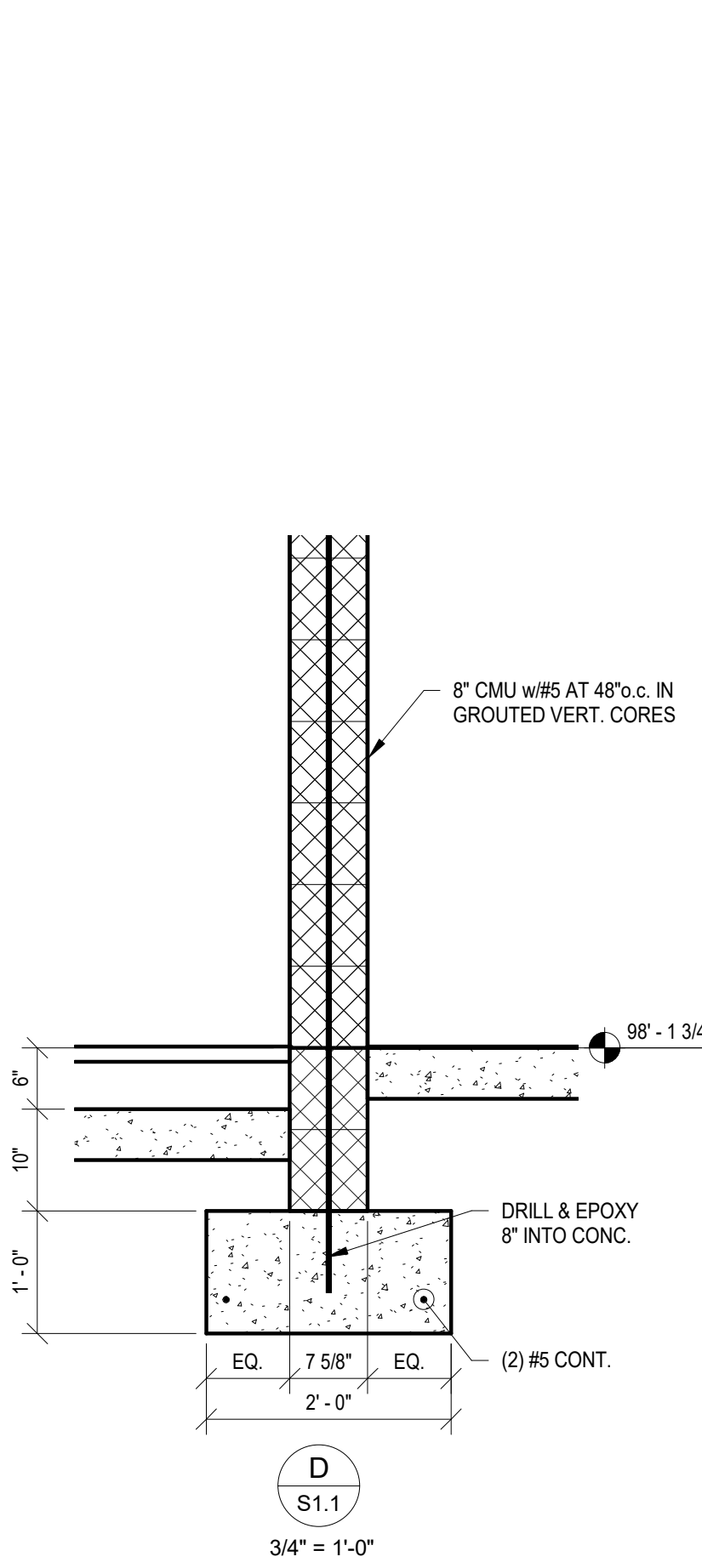
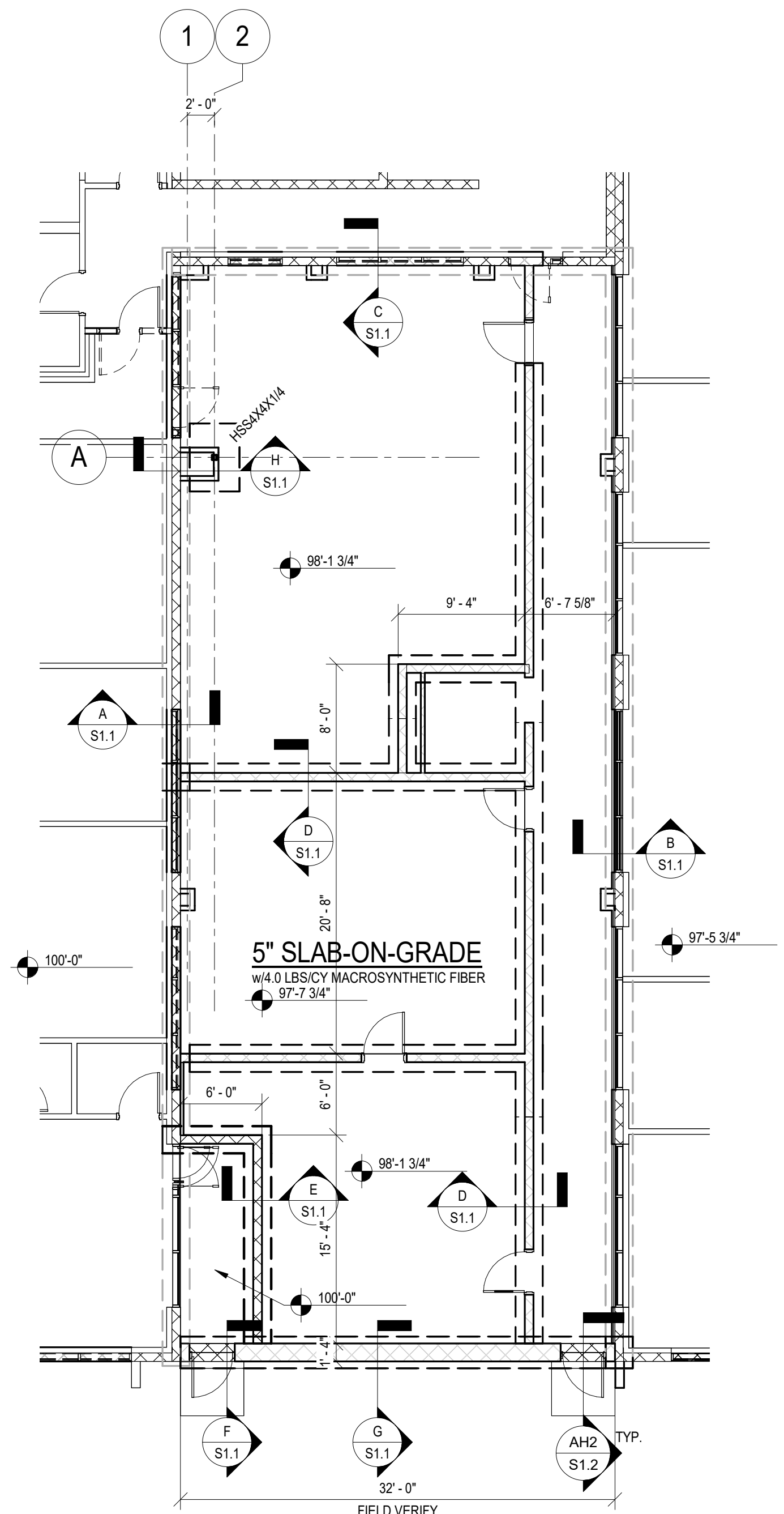
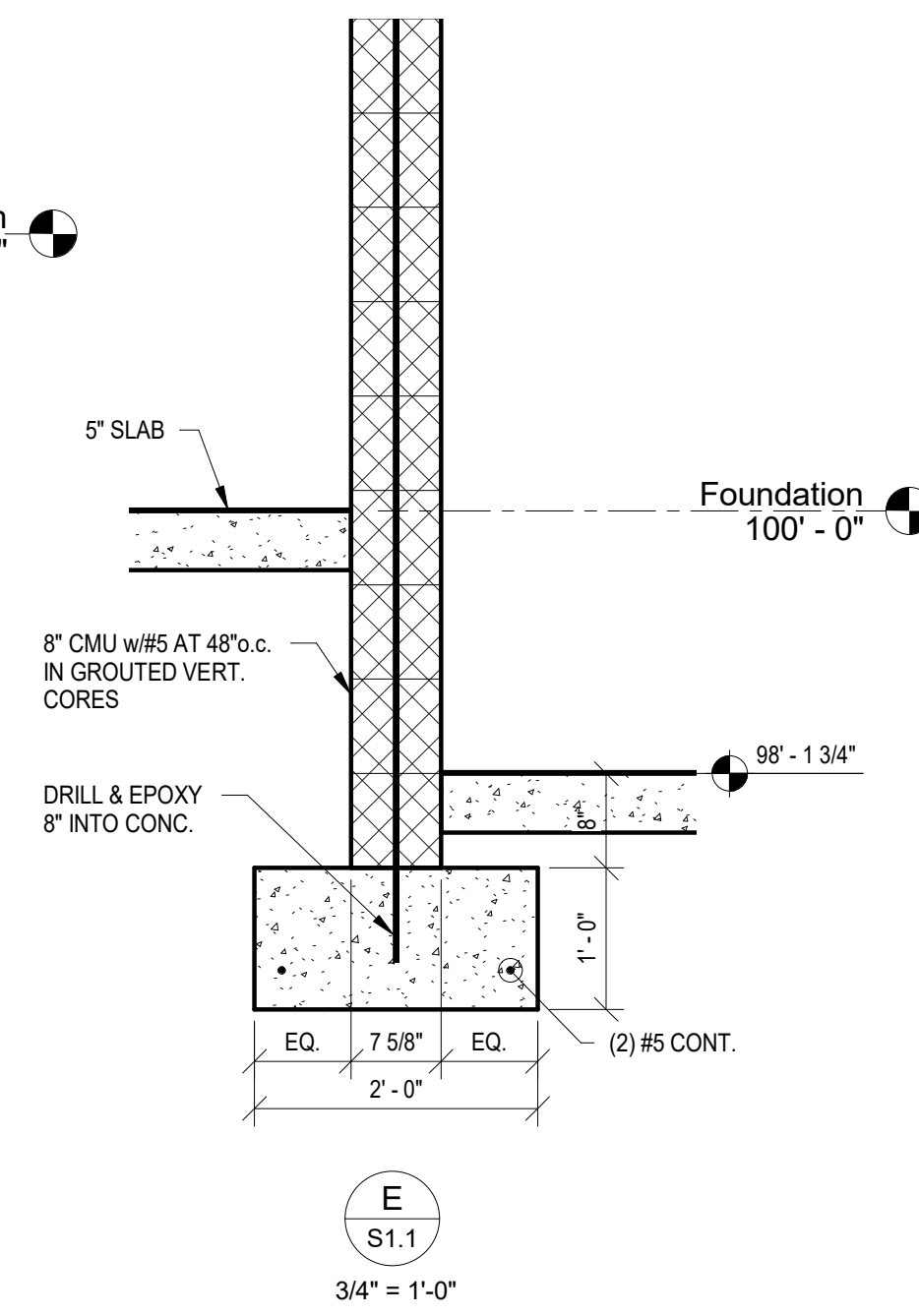
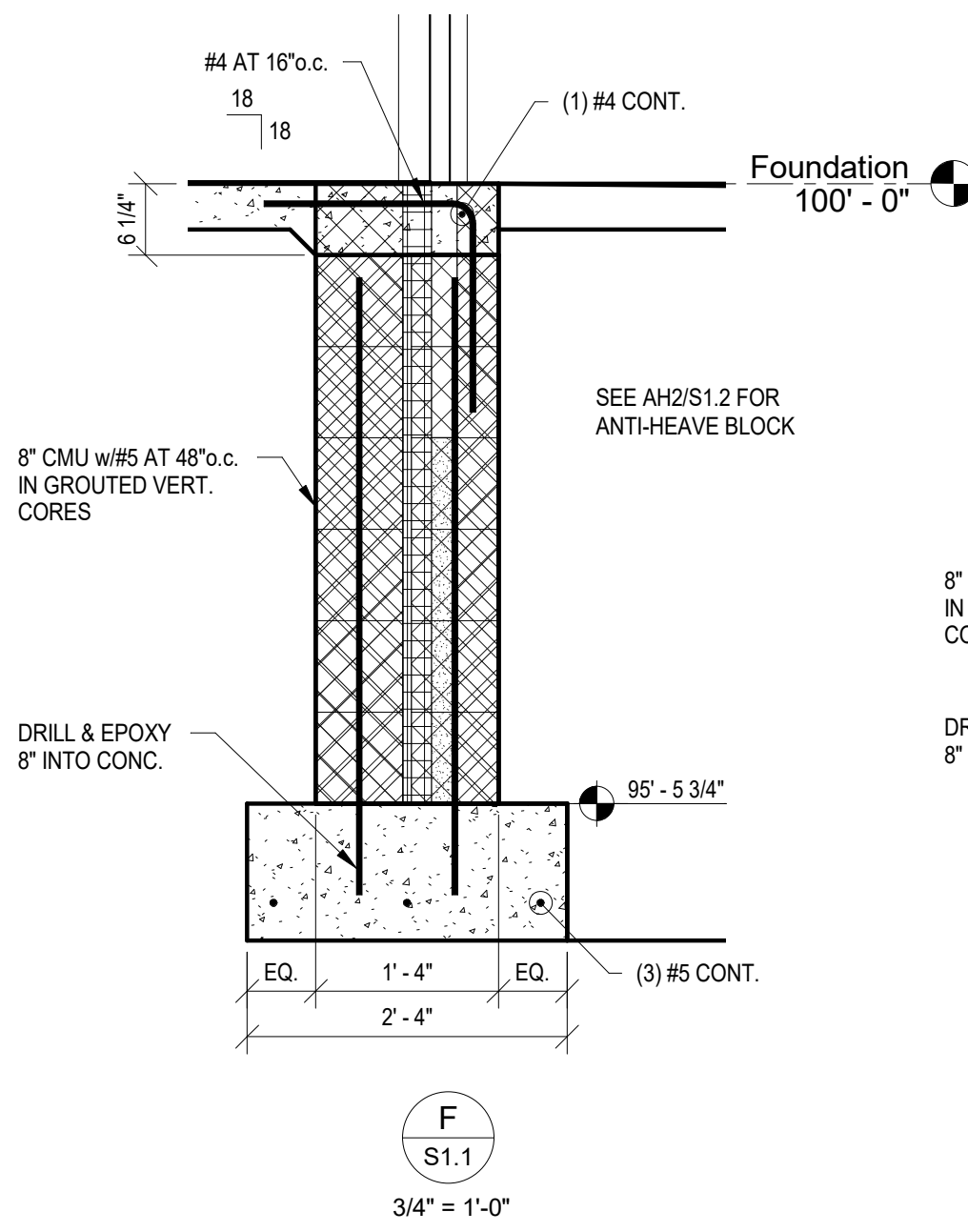
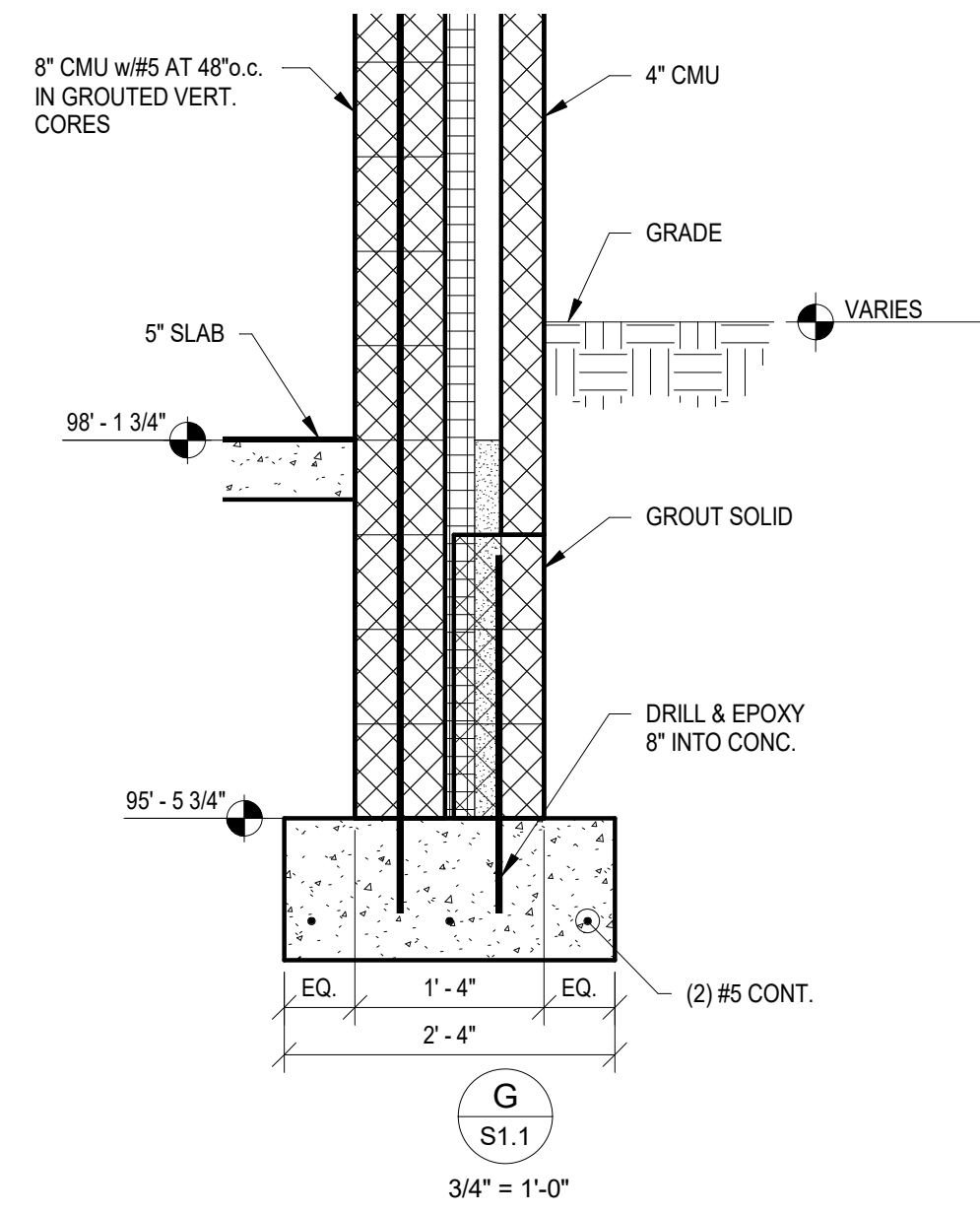
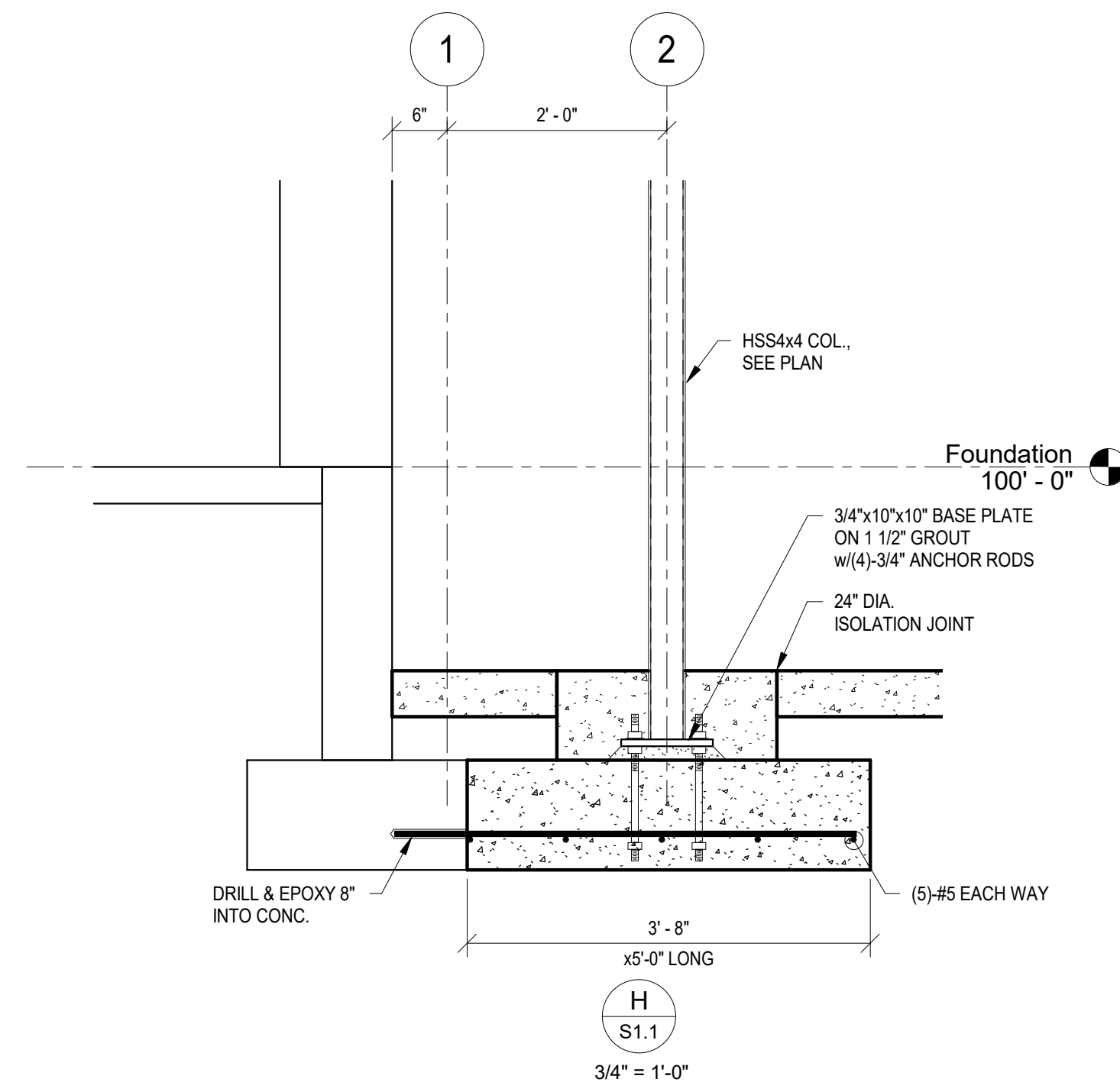
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ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

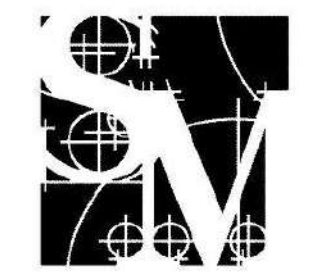
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	ADP	BAB

SHEET TITLE:
FIRST FLOOR FINISHES PLAN

SHEET NUMBER:
A9.1



NORTH
Foundation
1/8" = 1'-0"



SHELL + MEYER
ASSOCIATES INC
STRUCTURAL ENGINEERS
2202 S PATTERSON BLVD
DAYTON, OH 45409-1930
PH. 937.298.4631
EMAIL@SHELLANDMEYER.COM



GARMANN MILLER
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA
cre@legm.com

**TIPP CITY GOVERNMENT
BUILDING INFILL**

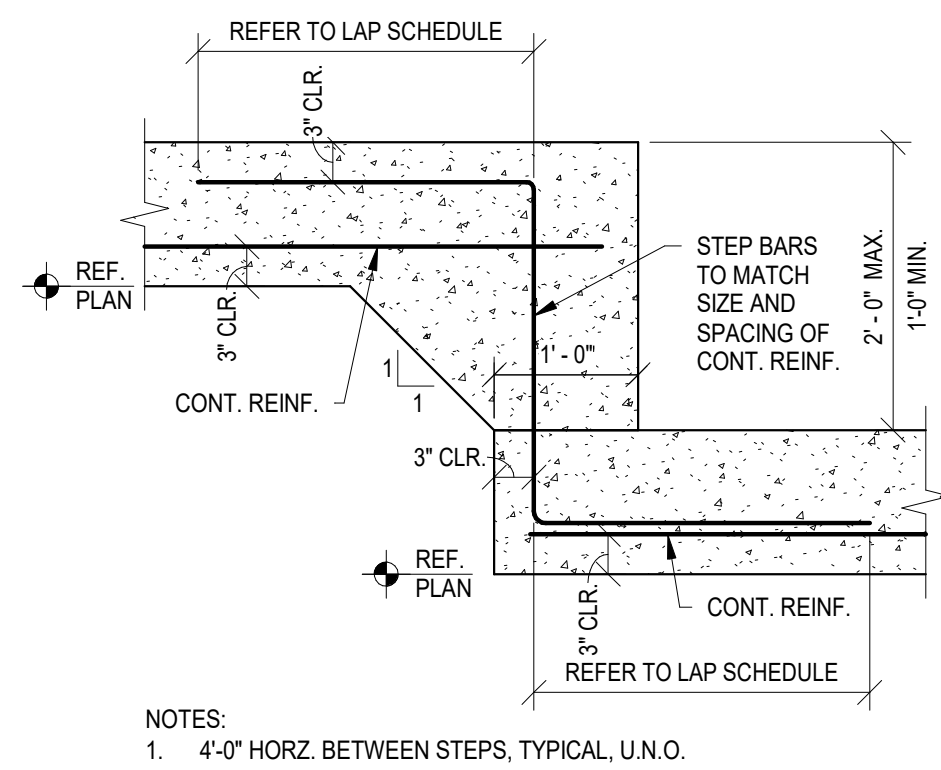
280 SOUTH GARBER DRIVE, TIPP CITY, OHIO 45371

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

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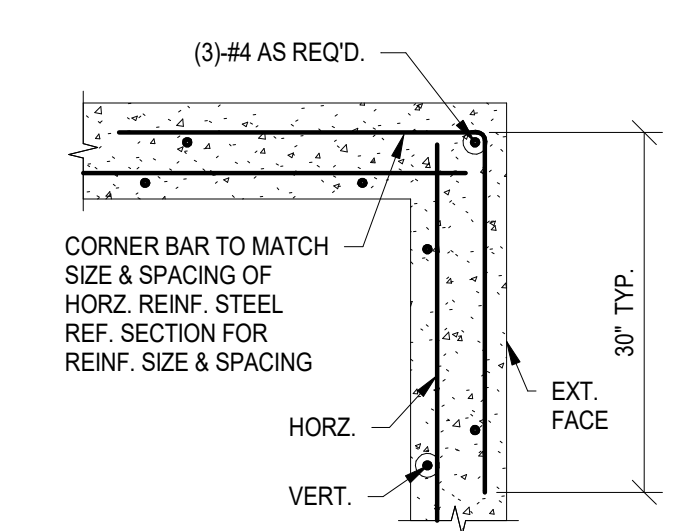
SHEET TITLE:
**FOUNDATION PLAN
& SECTIONS**

SHEET NUMBER:
S1.1



F7 TYPICAL FOOTING STEP DETAILS
SCALE: NTS

F7a - Footing Step Typical
3/4" = 1'-0"



F2 TYPICAL CORNER BAR DETAIL
CAST-IN-PLACE CONCRETE SCALE: NTS

F2b - Typ Corner Bar Detail - 1 Layer
N.T.S.

CASE	LOCATION	BAR SIZE	COVER (in.)
A	Concrete cast against and permanently exposed to earth ¹	ALL SIZES	3"
B	Concrete exposed to earth or weather	#5 & Smaller	1 1/2"
		#6 thru #18	2"
C	Concrete NOT exposed to weather or in contact with earth		
	Walls, Slabs (0, 1, or 1.5 hr)	#11 & Smaller	3/4"

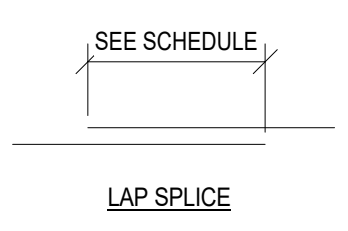
1 - All foundations cast against earth without using formwork shall use CASE 'A' for reinforcement clearances.

C2 CONCRETE REINFORCING COVER
SCALE: NTS

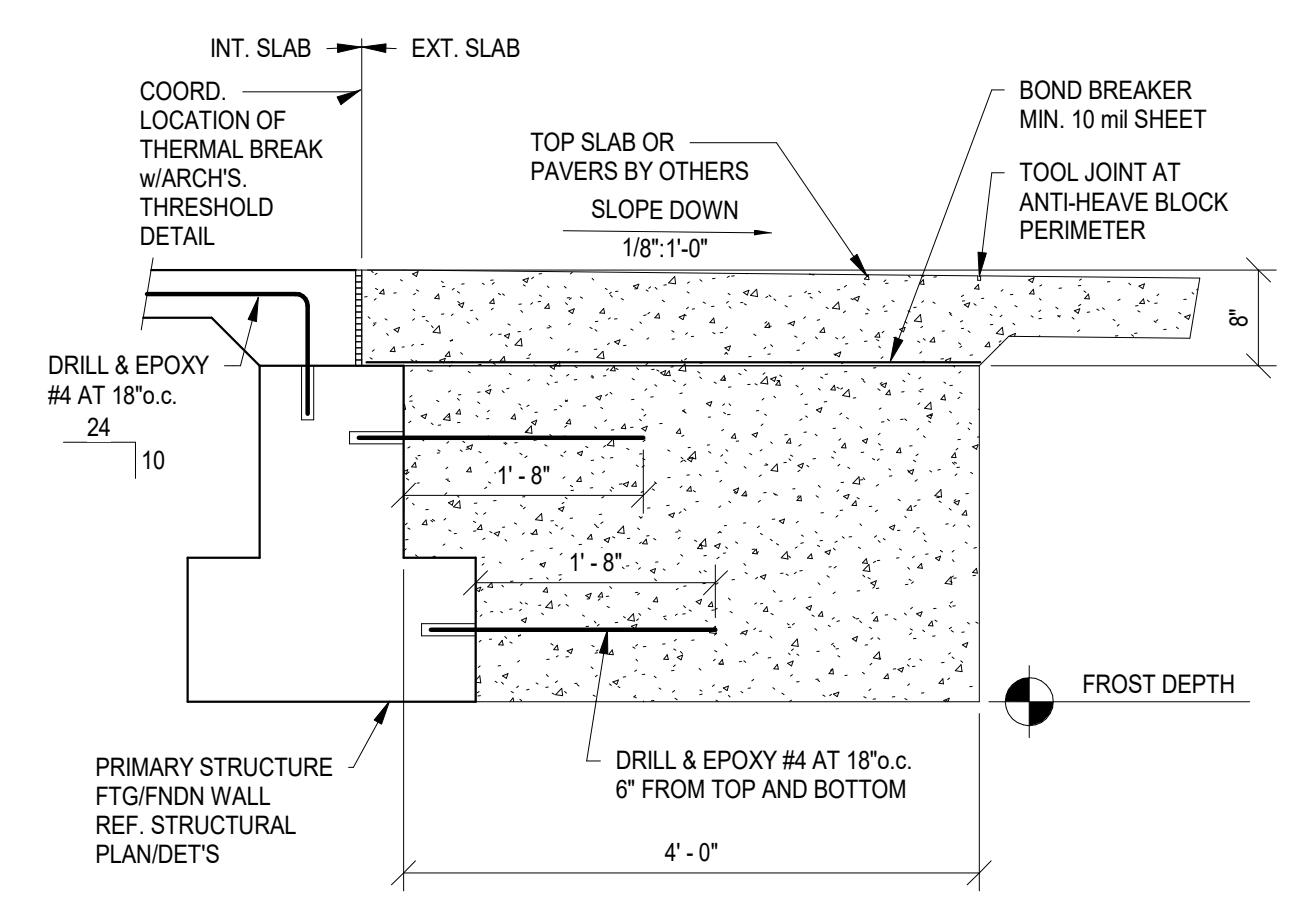
MINIMUM LAP SPLICE SCHEDULE

BAR SIZE	LAP LENGTH ^{1,2}
#3	24"
#4	32"
#5	40"
#6	48"

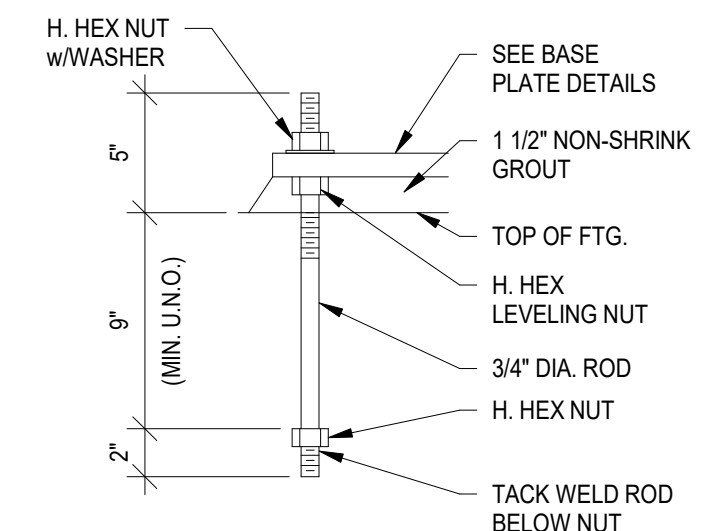
1 - Increase Lap Length by 33% for Epoxy Coated Reinforcing or Lightweight Concrete
2 - Based on minimum $f_c = 4000$ psi



C1 CONCRETE REINFORCEMENT SPLICES
SCALE: NTS



AH2 TYPICAL ANTI-HEAVE BLOCK
SCALE: 3/4" = 1'-0"



NOTES:
1. SHIMS MAY BE USED IN LIEU OF LEVELING NUT TYP.
2. TACK WELD ROD, JUST BELOW ANCHOR NUT. TYPICAL U.N.O. (DO NOT WELD NUT)

ANCHOR RODS
1 1/2" = 1'-0"



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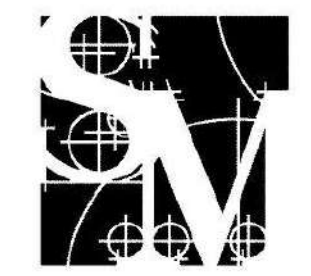
280 SOUTH GARBER DRIVE, TIPP CITY, OHIO 45371

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

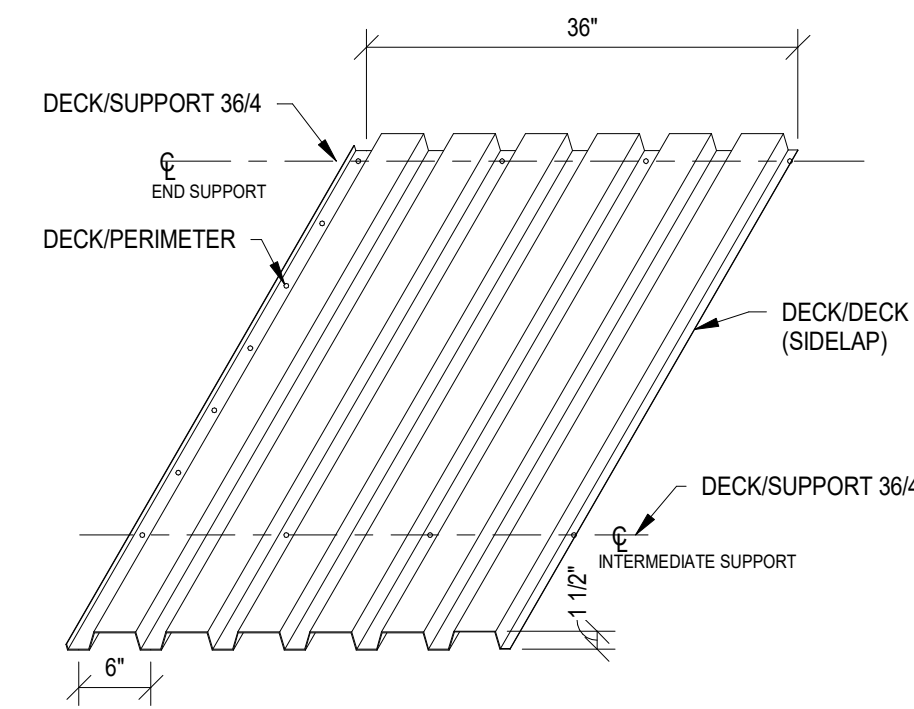
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
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SHEET TITLE:
TYPICAL FOUNDATION DETAILS

SHEET NUMBER:
S1.2

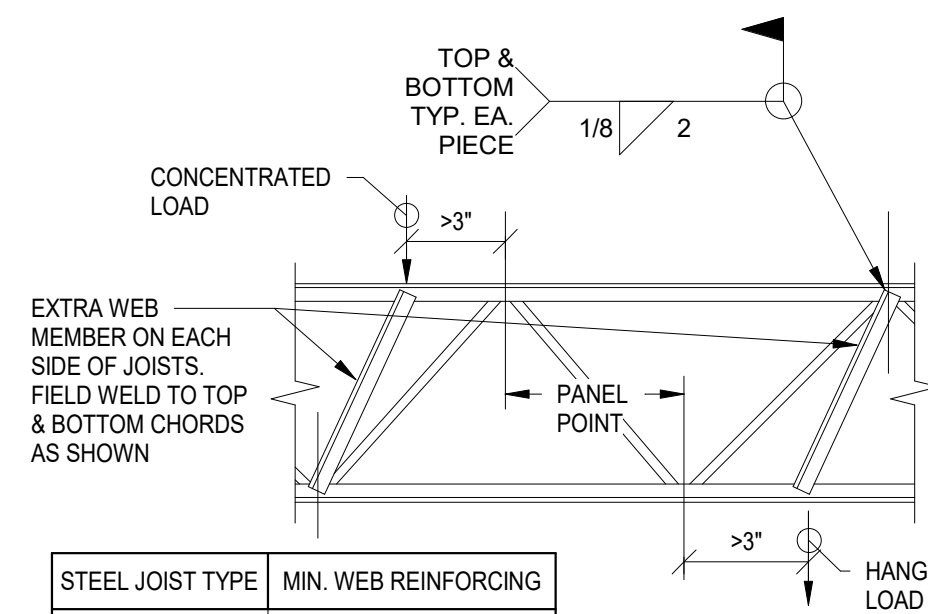


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STRUCTURAL ENGINEERS
2202 S PATTERSON BLVD
DAYTON, OH 45409-1930
PH. 937.298.4631
EMAIL@SHELLANDMEYER.COM



LOCATION	ATTACHMENT
DECK/SUPPORTS	5/8\"/>

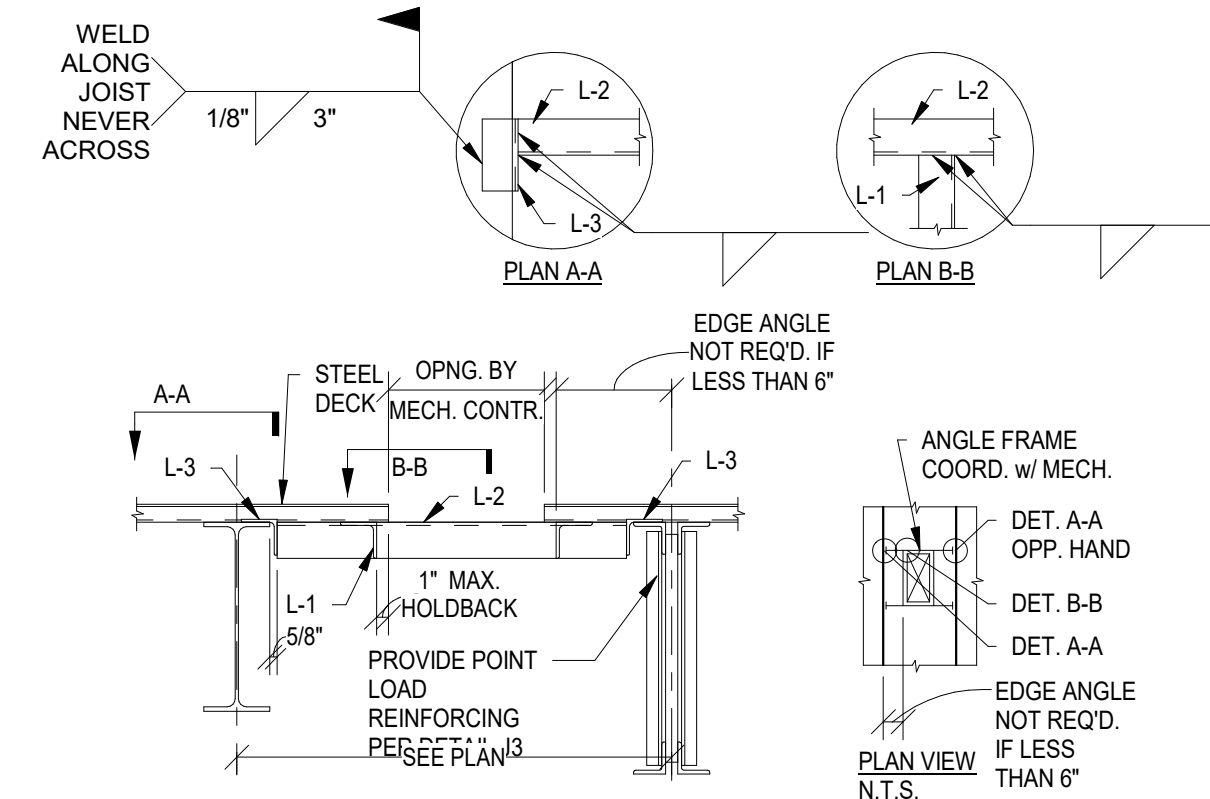
Dx STEEL DECK ATTACHMENT
TYPE 1.5B WIDE RIB SCALE: NTS



STEEL JOIST TYPE	MIN. WEB REINFORCING
K-Series D ≤ 30"	(2) - L1 1/4"x1 1/4"x7/64"
LH-Series D ≤ 48"	(2) - L1 1/2"x1 1/2"x7/64"

- FOR ALL CONCENTRATED AND/OR HANGER LOADS GREATER THAN 200# AND LOCATED MORE THAN 9" FROM A PANEL POINT, STRUT ANGLES MUST BE INSTALLED TO DIRECT THE LOAD TO THE OPPOSITE PANEL POINT, AS SHOWN.
- THIS DETAIL APPLIES TO ALL JOISTS WITH CONCENTRATED LOADS.
- THE 200# "BEND CHECK" LIMIT IS THE SUM OF ALL CONCENTRATED LOADS BETWEEN ANY PAIR OF BAR JOIST PANEL POINTS.
- REINFORCING REQUIRED IN ADDITION TO ALL STANDARD S.J.I. SPECIFICATIONS.

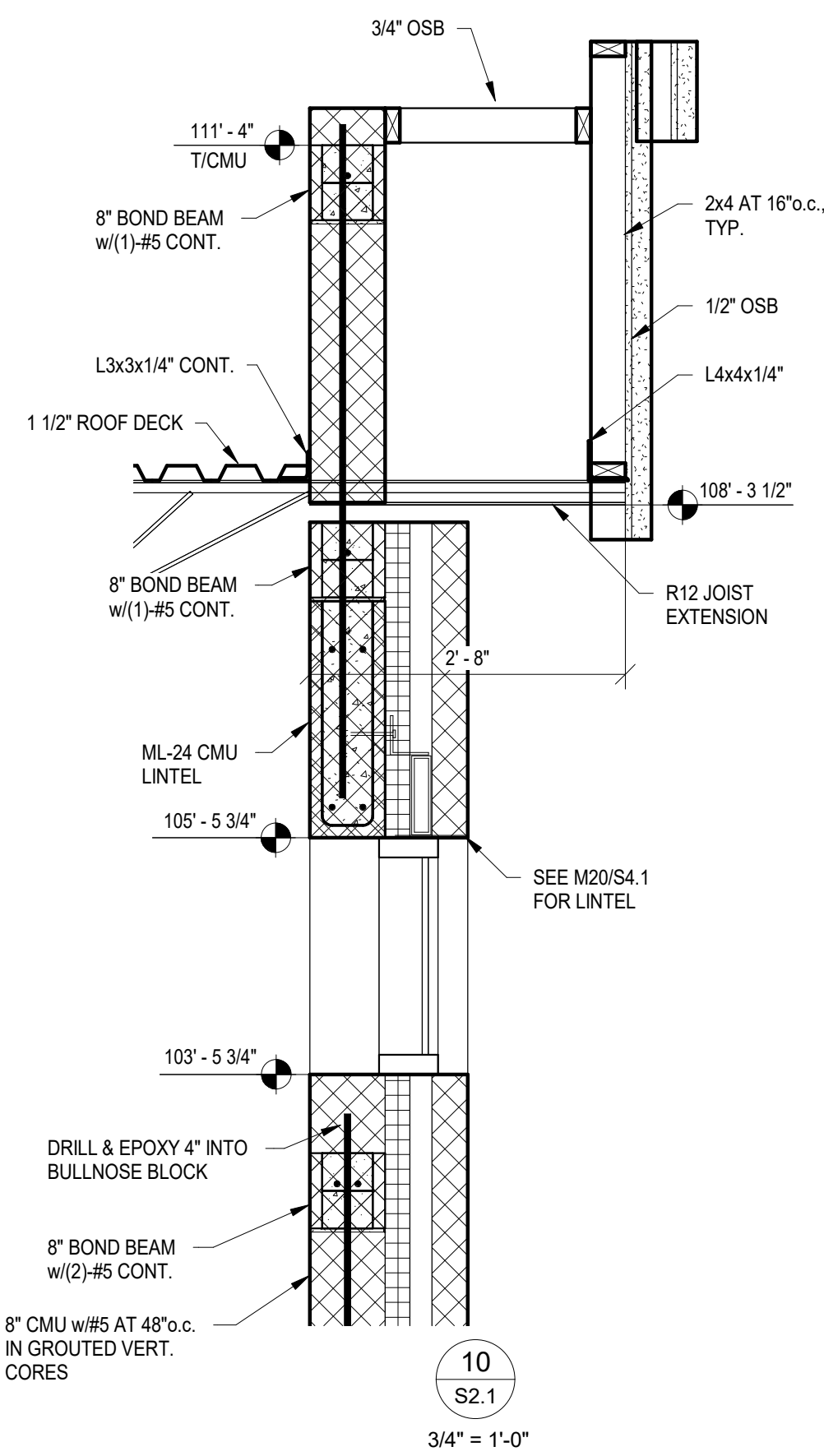
J1 JOIST REINFORCING DETAIL
FOR CONCENTRATED OR HANGER LOADS SCALE: NTS



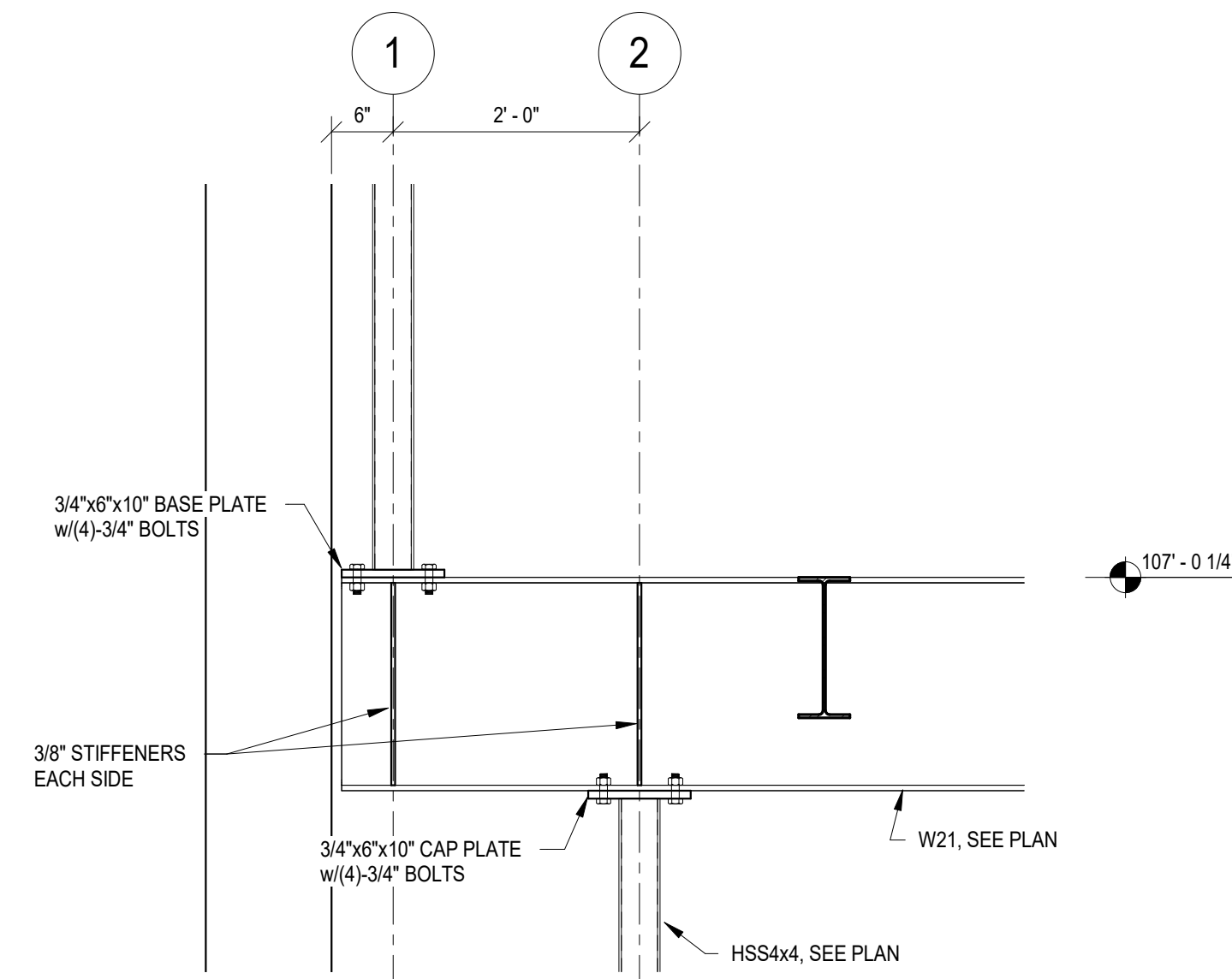
MEMBER	SIZE
L-1	L3x3x1/4"
L-2	L3x3x1/4"
L-3	L3x3x1/4" x 0'-6" LONG

- NOTES:
- ALL WELDS 1/4" FILLET, U.N.O.
 - DECK TO BE FASTENED TO ANGLE FRAME
 - INCREASE HOLDBACK DIM. IF FIREPROOFING IS REQ'D.

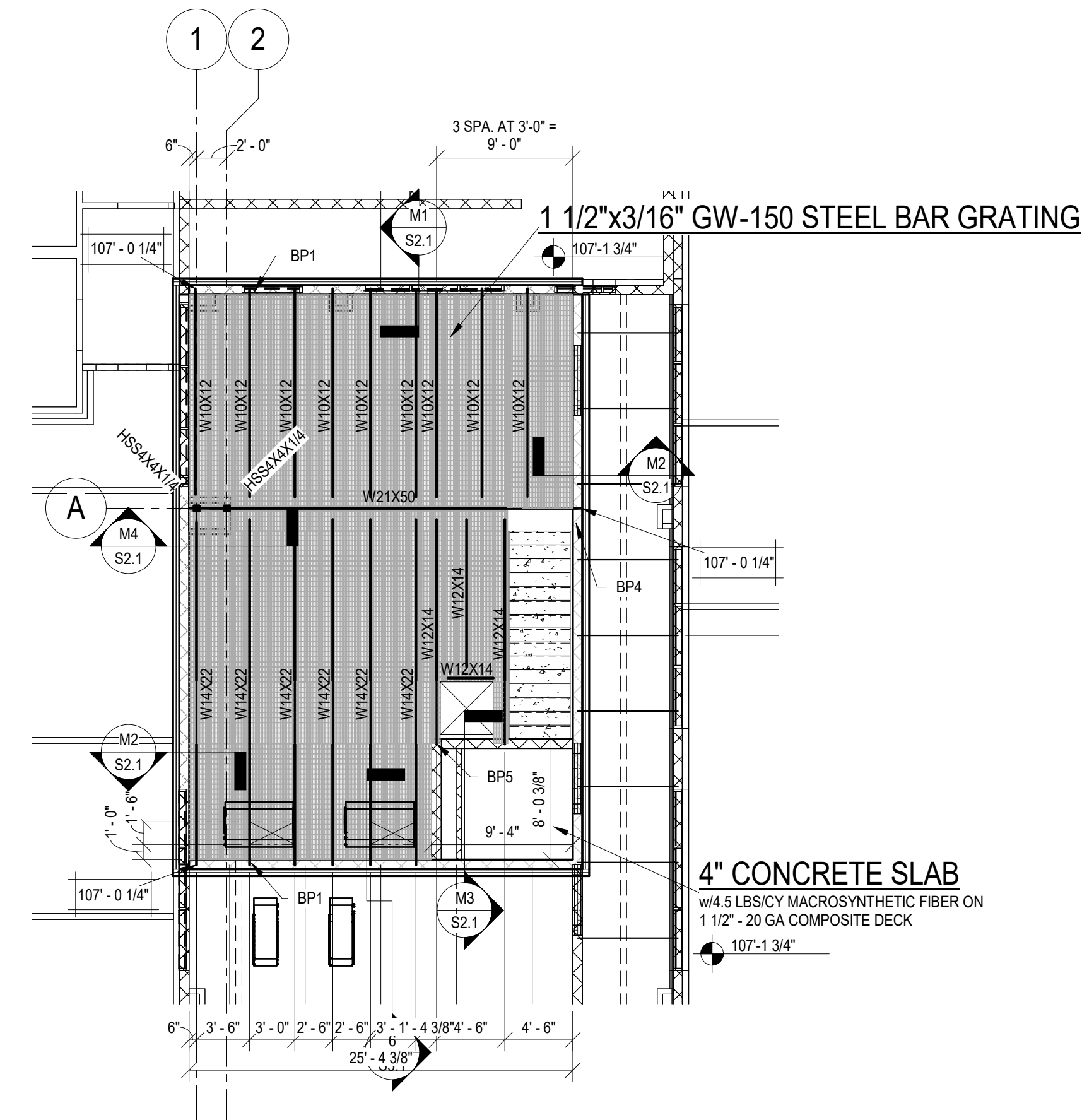
SD11 STEEL DECK SUPPORT AT OPENINGS
ROOF DECK BETWEEN JOISTS OR BEAMS SCALE: NTS



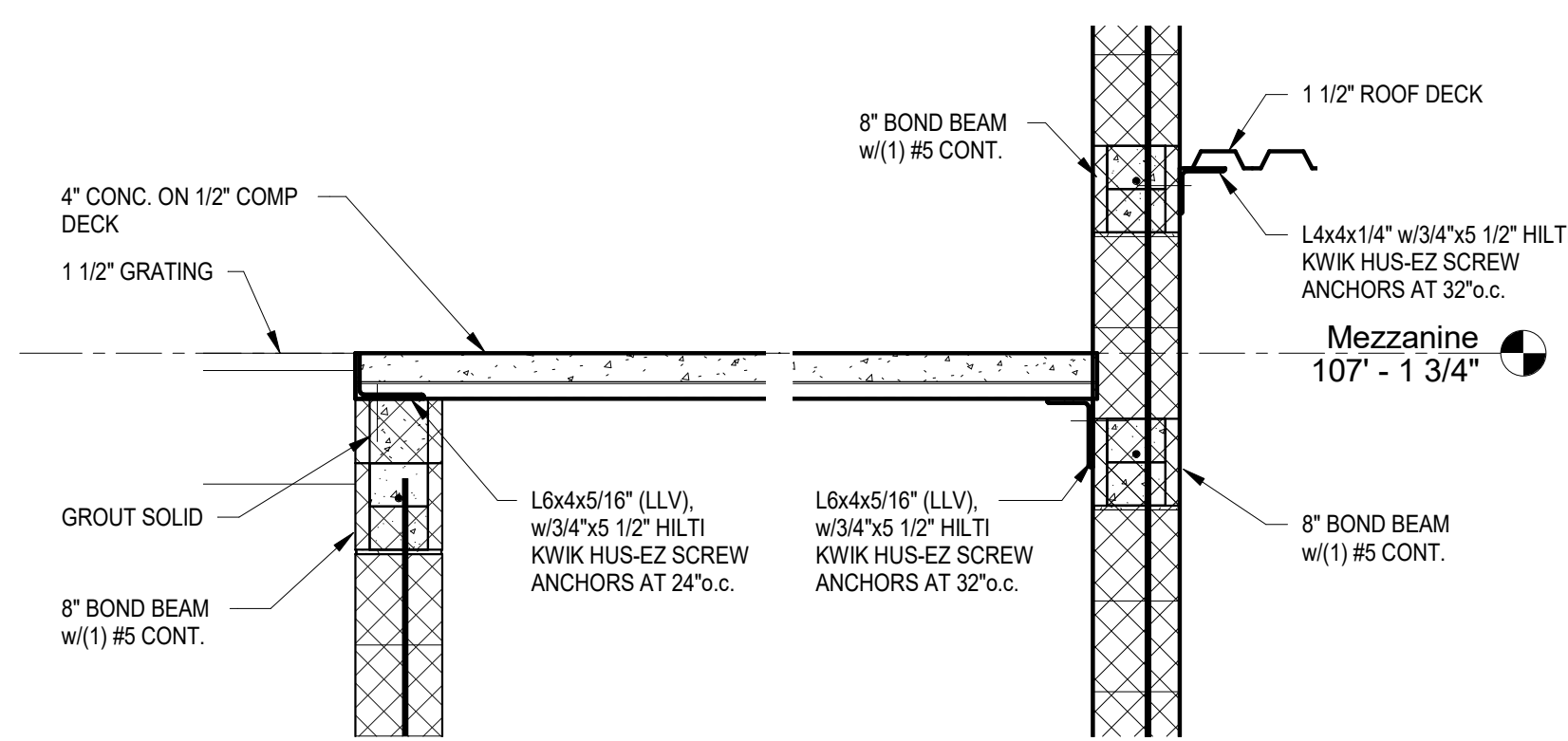
10 S2.1
3/4" = 1'-0"



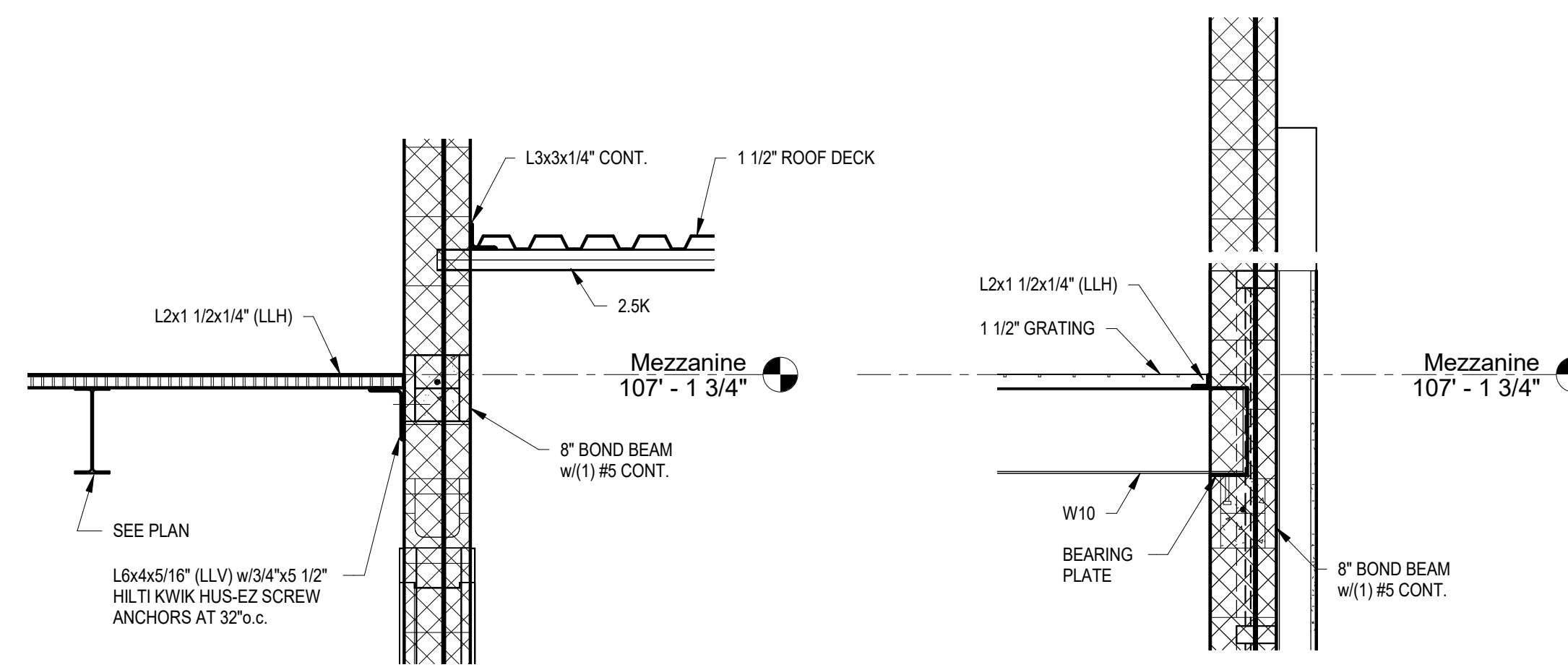
M4 S2.1
3/4" = 1'-0"



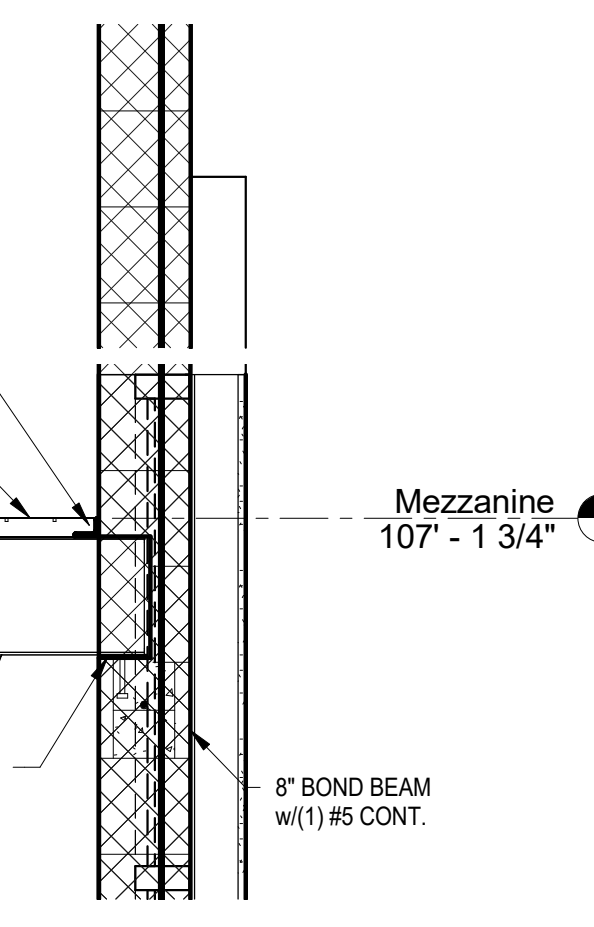
Mezzanine
1/8" = 1'-0"



M3 S2.1
3/4" = 1'-0"



M2 S2.1
3/4" = 1'-0"



M1 S2.1
3/4" = 1'-0"



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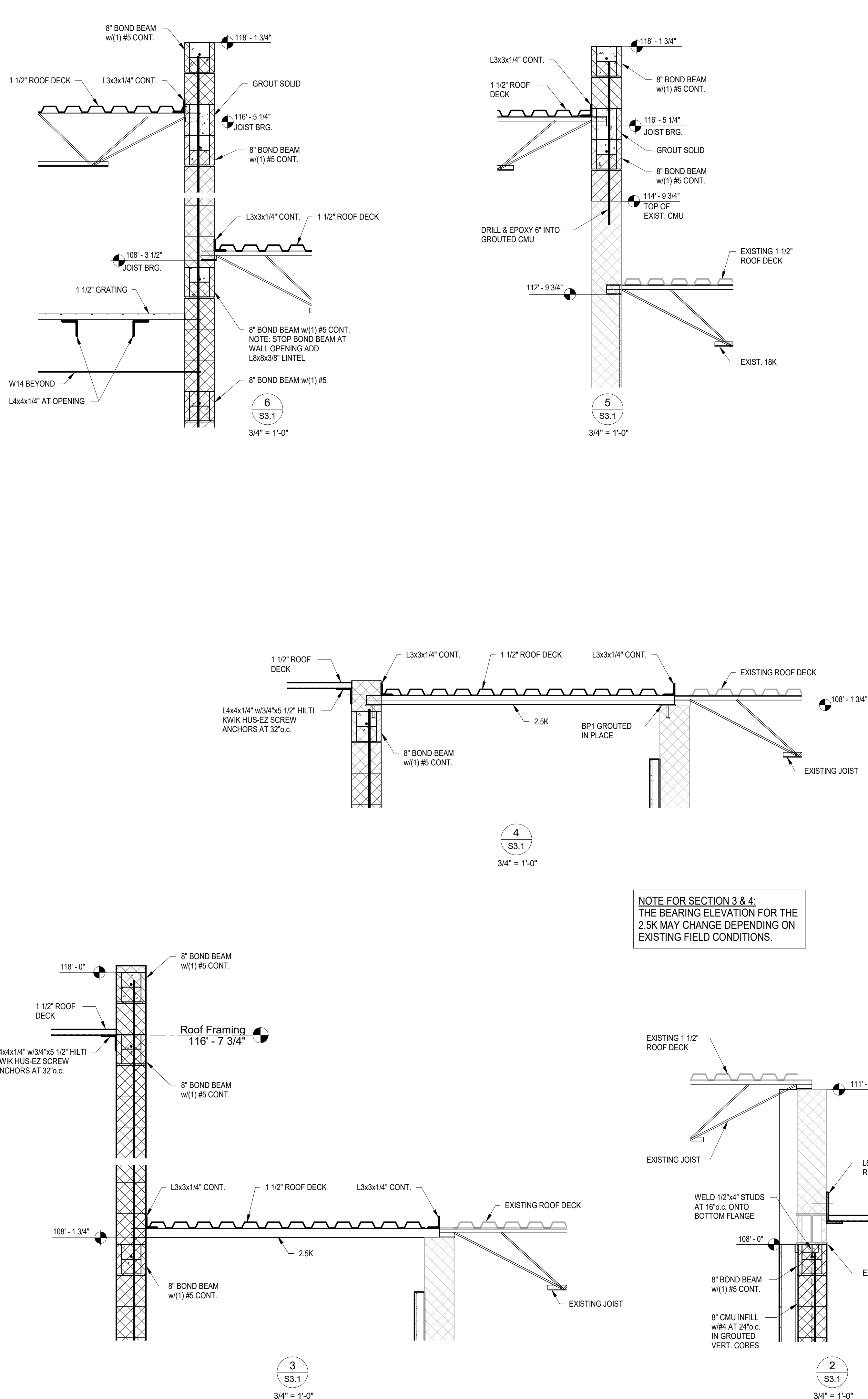
SHEET TITLE:

MEZZANINE FRAMING PLAN & SECTIONS

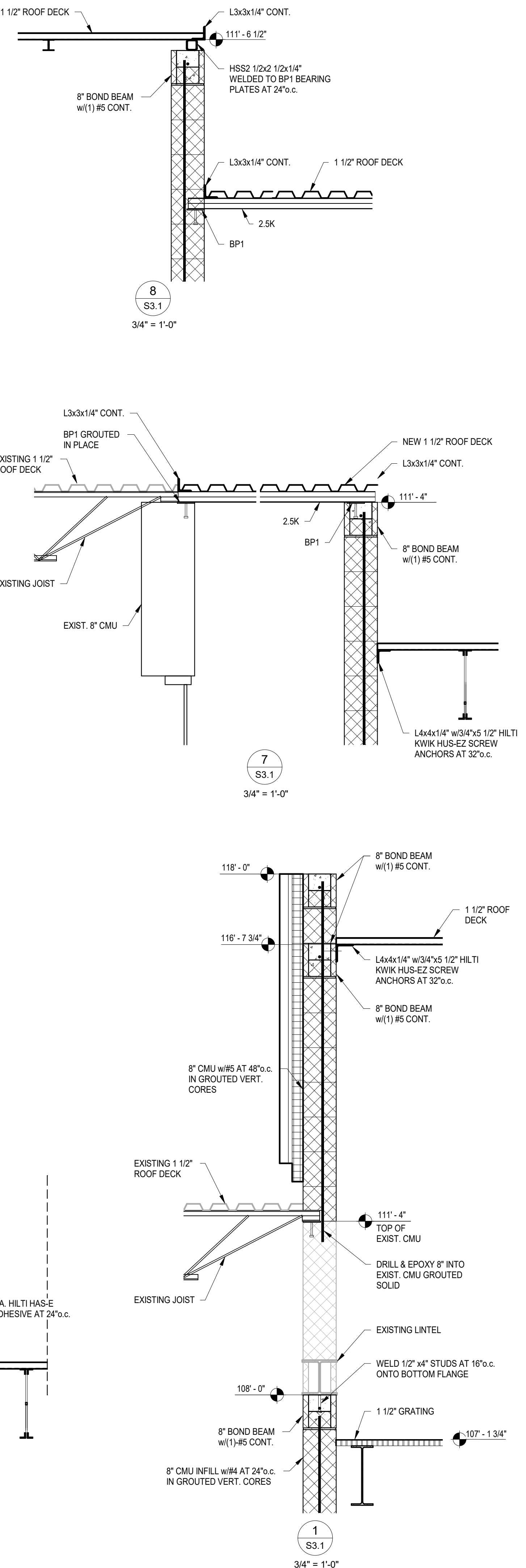
SHEET NUMBER:
S2.1



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STRUCTURAL ENGINEERS
2202 S PATTERSON BLVD
DAYTON, OH 45409, 1930
PH. 937.298.4631
EMAIL@SHELLANDMEYER.COM



NOTE FOR SECTION 3 & 4:
THE BEARING ELEVATION FOR THE 2.5K MAY CHANGE DEPENDING ON EXISTING FIELD CONDITIONS.



CMU LINTEL SCHEDULE

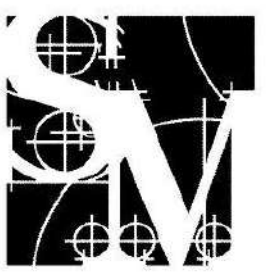
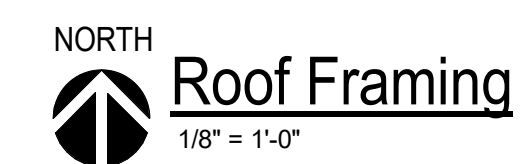
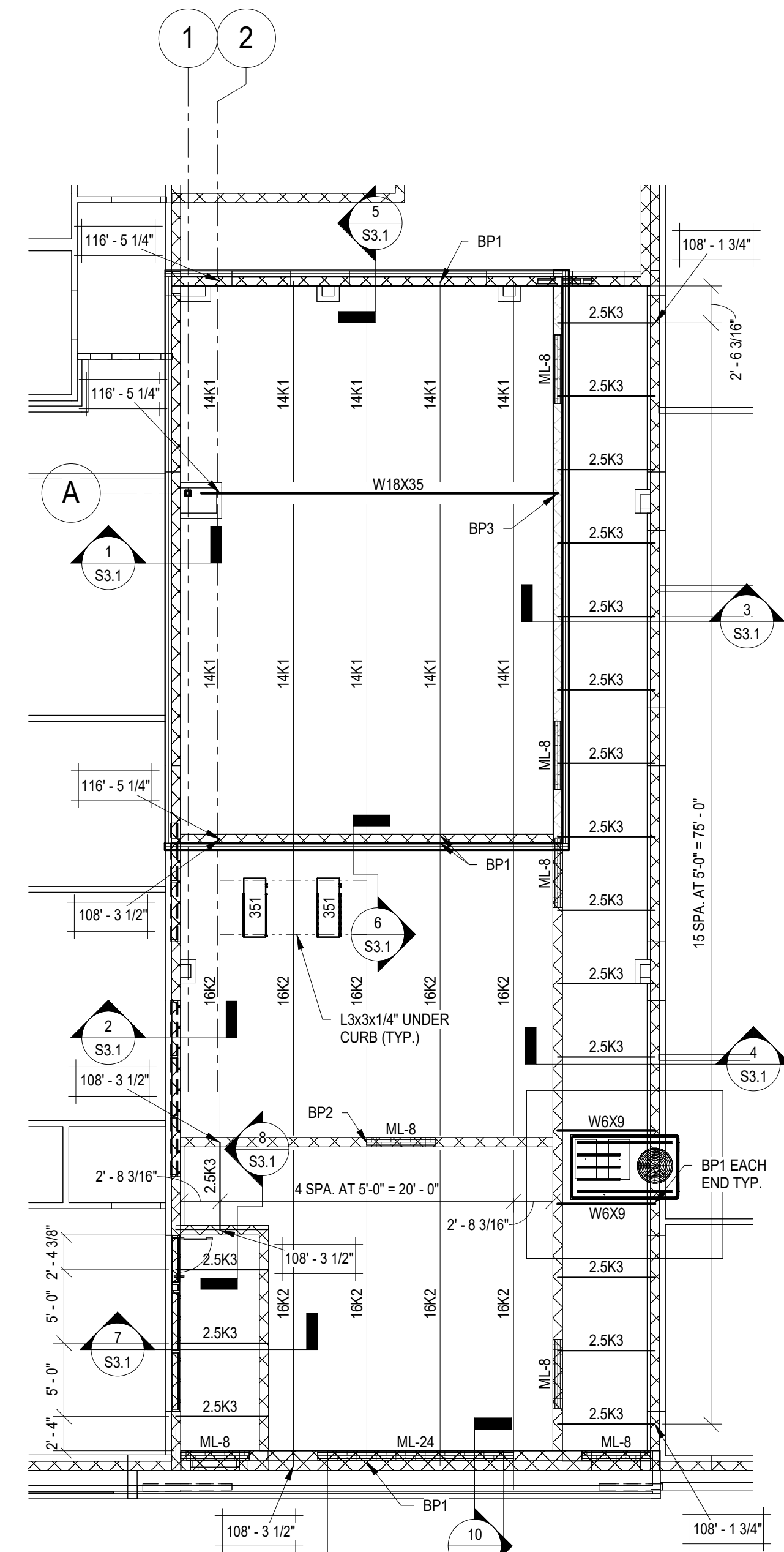
MARK	WIDTH	HEIGHT	MIN. BRG.	BOTT. REINF.	TOP REINF.	SHEAR REINF.
ML-8	MATCH WALL WIDTH	8"	8"	2-#5	-	NOT REQ'D.
ML-24	MATCH WALL WIDTH	24"	8"	2-#6	2-#4	NOT REQ'D.

1. REINFORCING TO EXTEND MIN. LAP SPLICE LENGTH BEYOND OPENING
2. SEE PLAN FOR MASONRY OPENING

BEARING PLATE SCHEDULE

MARK	SIZE	STUD DIA.	STUD LENGTH	STUD QUANTITY
BP1	1/2"x5"x10"	1/2"	0'-8"	2
BP2	1/2"x8 1/2"x10"	1/2"	0'-8"	2
BP3	3/4"x5"x12"	1/2"	0'-8"	2
BP4	3/4"x7 1/2"x24"	1/2"	0'-8"	3

BEARING PLATES GREATER THAN 1/2" PROVIDE (2)#5 IN CMU WALL FULL HGT. GROUT IN SOLID. USE (3) #5 AT BP4



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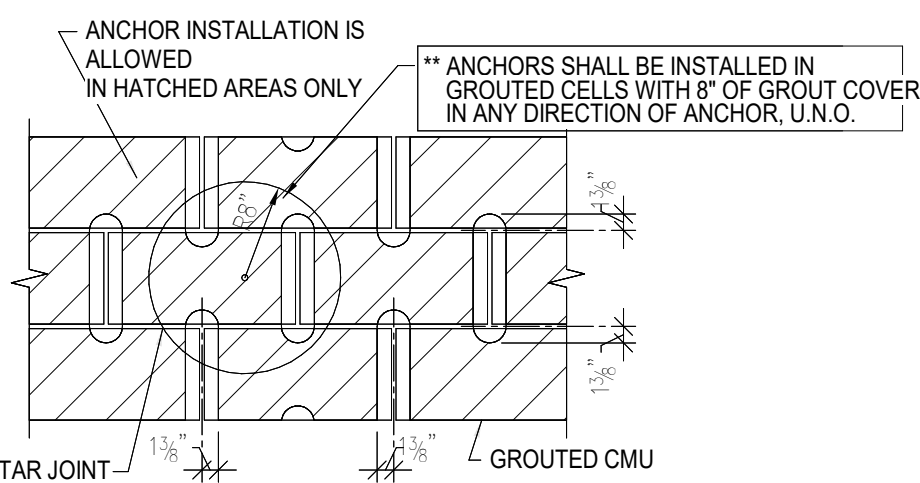
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SHEET TITLE:

ROOF FRAMING PLAN & SECTIONS

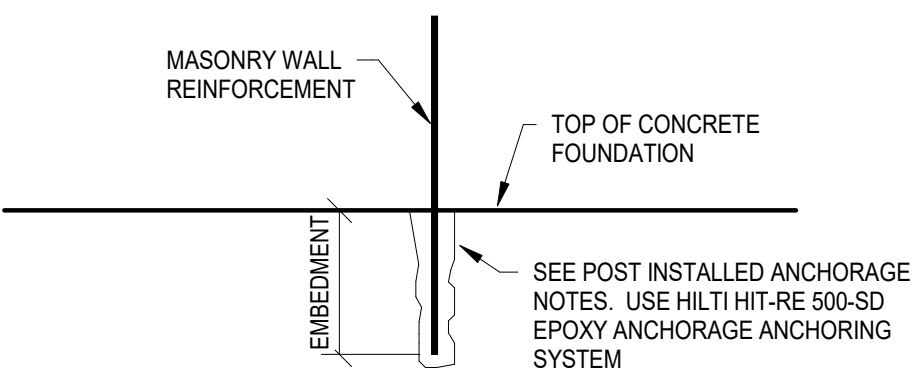
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S3.1



- NOTES:**
- VALUES ARE FOR ANCHORS INSTALLED IN TYPE 1 - GRADE N, LIGHTWEIGHT, MEDIUM-WEIGHT, OR NORMAL-WEIGHT CONCRETE MASONRY UNITS CONFORMING TO UBC STANDARD 21-4. THE MASONRY UNITS MUST BE FULLY GROUTED WITH COARSE GROUT CONFORMING TO UBC STANDARD 21-15, TYPE S, N, OR M. MASONRY PRISM COMPRESSIVE STRENGTH MUST BE AT LEAST 1500 P.S.I. AT THE TIME OF INSTALLATION WHEN TESTED IN ACCORDANCE WITH UBC STANDARD 21-17.
 - ANCHORS MUST BE INSTALLED A MINIMUM OF 3/8" FROM ANY VERTICAL MORTAR JOINT (SEE FIGURE).
 - ANCHOR LOCATIONS ARE LIMITED TO ONE PER MASONRY CELL.
 - EMBEDMENT DEPTH IS MEASURED FROM THE OUTSIDE FACE OF THE CONCRETE MASONRY UNIT.

M5 MASONRY ANCHORS
SCALE: NTS



WALL TYPE	BAR SIZE	EMBEDMENT
NON-LOAD BEARING PARTITIONS	#4	6"
LOAD BEARING MASONRY WALLS AND SHEAR WALLS MIDDLE ZONE REINFORCEMENT	#5, #6	8"
SHEAR WALL END ZONE (CHORD) REINFORCEMENT	#5, #6	12"

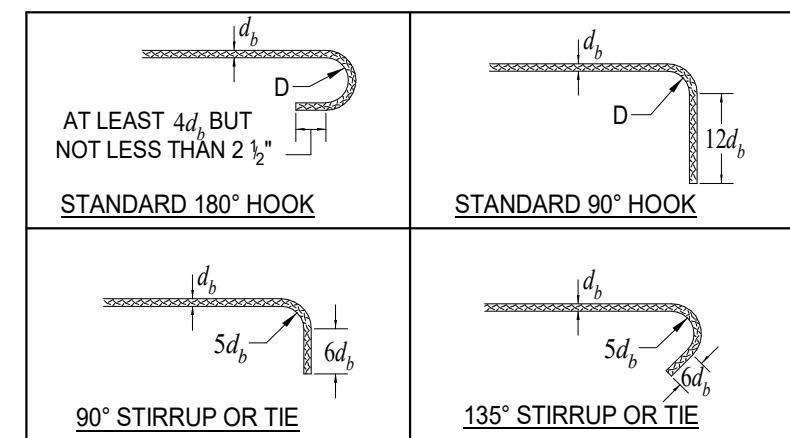
** NOT APPLICABLE AT STORM SHELTER **

EPOXY ANCHOR DETAIL

SCALE: NTS

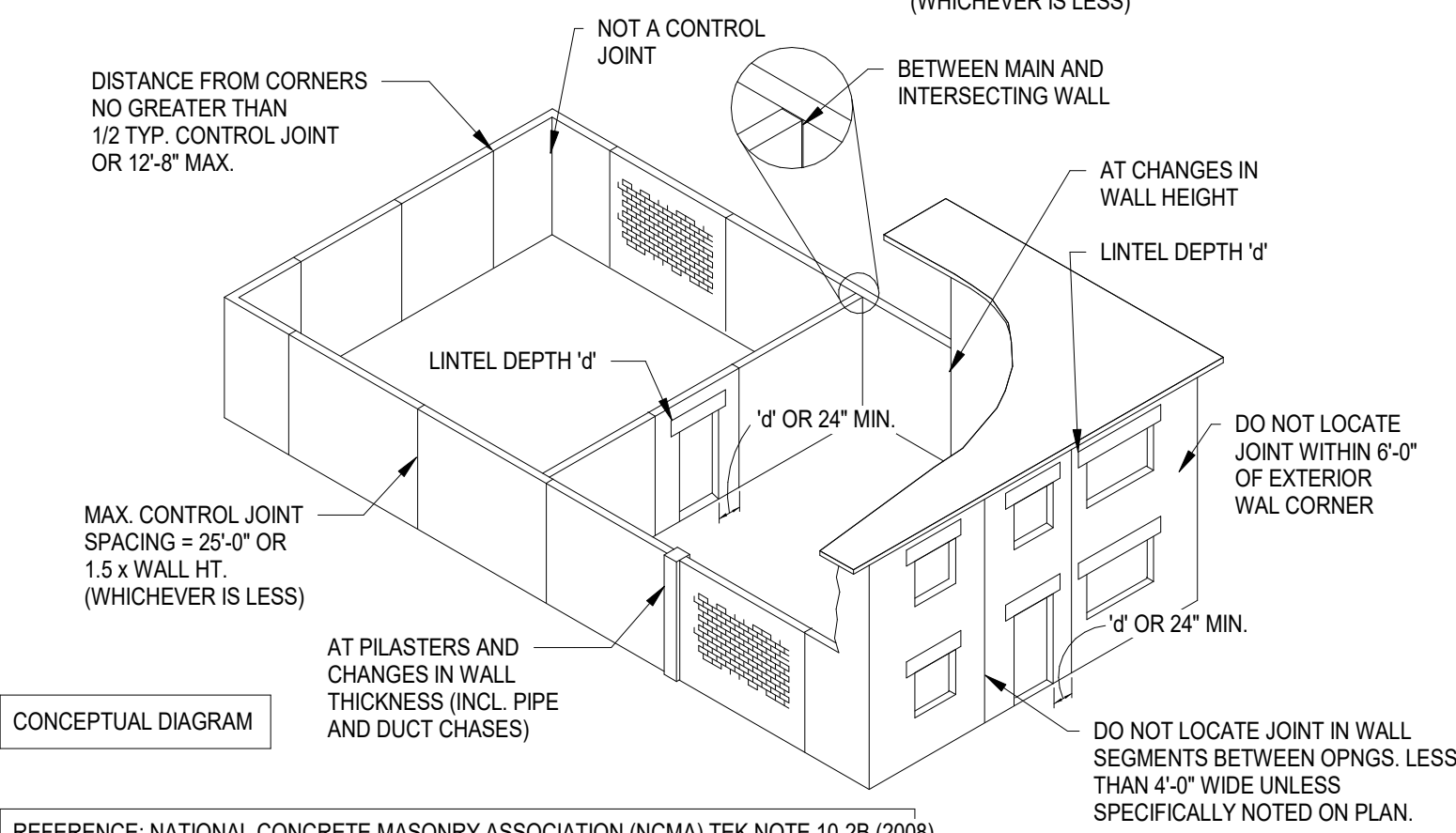
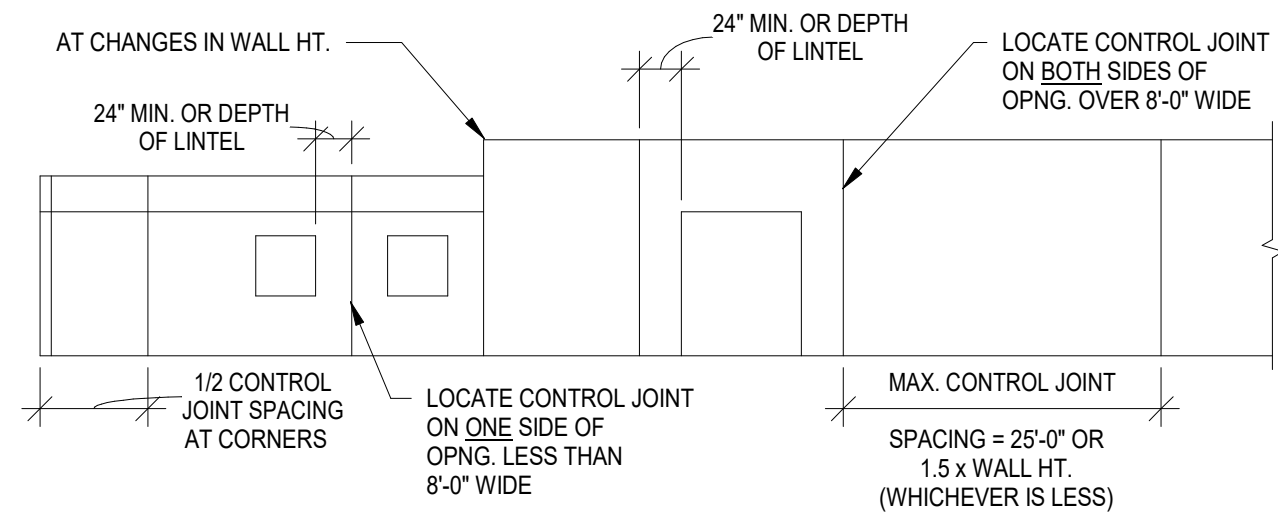
BAR SIZE AND TYPE	MINIMUM DIAMETER OF BEND, D ^{1,2}
No. 3 THRU No. 8	6 BAR DIAMETERS
No. 9	8 BAR DIAMETERS

1 - Does not apply to stirrups or ties
2 - Grade 60 Steel



THE TERMINATION OF HORIZONTAL SHEAR REINFORCEMENT SHOULD BE ANCHORED AROUND VERTICAL REINFORCEMENT WITH A STANDARD 180° HOOK AS ILLUSTRATED. SPACE TO ACCOMMODATE THE HOOK IS LIMITED (ESPECIALLY IN SMALLER WYTHES). THEREFORE THE HOOK MAY NEED TO BE PLACED ON AN ANGLE WITHIN THE BOND BEAM AS SHOWN.

M3 REINFORCING HOOK DETAILS
SCALE: NTS



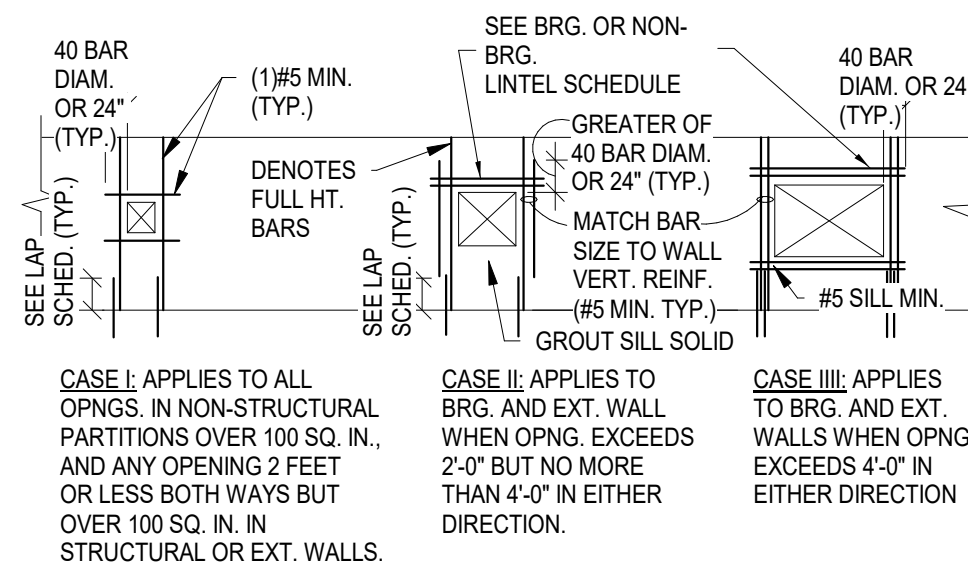
REFERENCE: NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA) TEK NOTE 10-2B (2008)

- THE CONTROL JOINTS INDICATED APPLY TO STANDARD CONCRETE MASONRY UNITS (CMU) ONLY. SPECIAL BLOCKS (SPLIT FACE, etc.) MAY REQUIRE ADDITIONAL JOINTS.
- REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR BRICK VENEER EXPANSION JOINT LOCATIONS. THE LOCATIONS OF BRICK VENEER EXPANSION JOINTS AND CMU CONTROL JOINTS ARE NOT REQUIRED TO BE ALIGNED, UNLESS SPECIFICALLY NOTED.
- THE JOINT LOCATIONS NOTED ARE TYPICAL U.N.O. REFER TO STRUCTURAL PLANS OR STRUCTURAL WALL ELEVATIONS FOR LOCATIONS THAT SUPERSEDE THIS DETAIL.
- LOCATIONS NOTED APPLY TO ALL BLOCK WALLS: INTERIOR AND EXTERIOR, LOAD BEARING AND NON-LOAD BEARING.
- MINIMUM HORIZ. JOINT REINFORCING FOR ALL WALLS SHALL BE 2 x W1.7 (9 Ga.) AT 16" O.C. MAX. U.N.O.
- THE INTENT OF THE CONTROL JOINT IS TO LIMIT THE QUANTITY AND SIZE CRACKING.
- LOCATE (1) VERTICAL REINFORCING BAR EACH SIDE OF CONTROL JOINT AND STOP ALL HORIZONTAL JOINT REINFORCING AT JOINTS (EXCEPT BOND BEAMS AT ROOF AND/OR FLOOR BEARING). USE PREFORMED GASKET AT CONTROL JOINTS LOCATED IN EXTERIOR WALLS. REFER TO TYPICAL CONTROL JOINT DETAILS ON THIS SHEET FOR ADDITIONAL INFORMATION.

CONCRETE MASONRY TYPICAL CONTROL JOINTS 1
N.T.S.

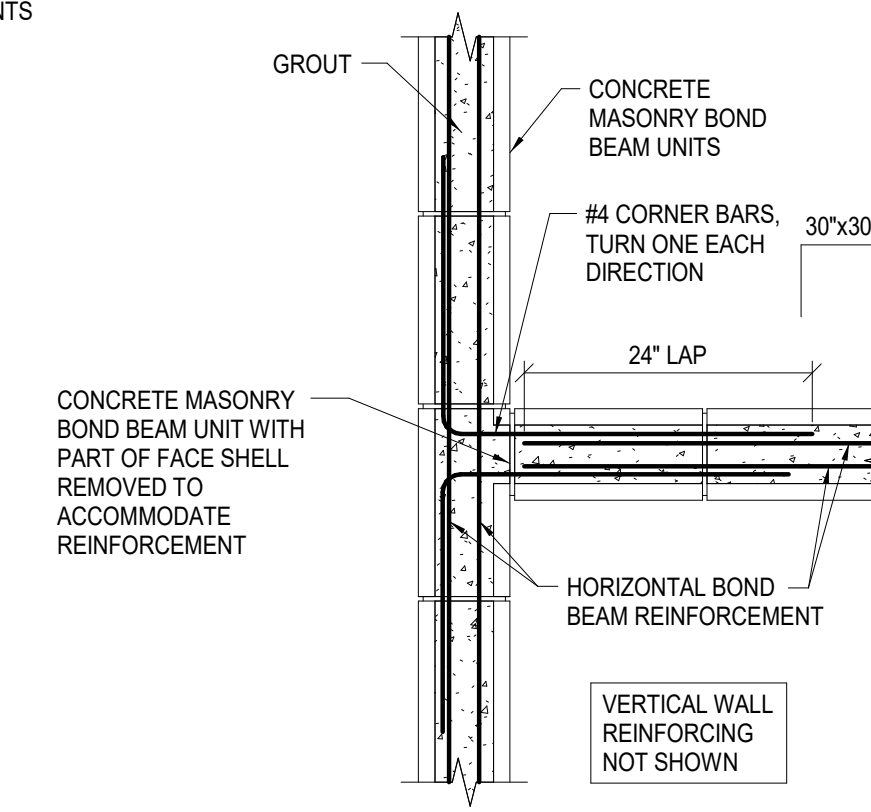
MASONRY NOTES

- MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR MASONRY STRUCTURES (TMS 602-13/ACI 530.1-13)", PUBLISHED BY THE MASONRY SOCIETY.
- MASONRY ASSEMBLIES** SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f_m) = 2000 psi AS DETERMINED BY THE UNIT STRENGTH METHOD OF ACI 530.1 AND THE ASSOCIATED TABLE 2.
- MASONRY UNITS** SHALL CONFORM TO ASTM C90-14. MINIMUM NET AREA COMPRESSIVE STRENGTH OF THE UNITS SHALL BE 2650 psi (ASTM C140). USE NORMAL WEIGHT, HOLLOW UNITS, U.N.O. PROVIDE SPECIAL UNITS AT 45 DEGREE CORNERS, IF APPLICABLE.
- UNLESS OTHERWISE INDICATED, ALL WALLS SHALL BE LAID IN RUNNING BOND. BOND CORNERS AND INTERSECTIONS OF LOAD BEARING WALLS. REFERENCE SHEARWALL DETAILS FOR ISOLATION REQUIREMENTS.
- MORTAR** SHALL MEET THE "PROPORTION SPECIFICATION" OF ASTM C-270. AGGREGATE SHALL COMPLY WITH THE GRADATION LIMITS OF ASTM C114. COMPRESSION TESTS OF MORTAR ARE NOT REQUIRED, UNLESS NOTED OTHERWISE.
- USE THE FOLLOWING MORTAR TYPES:
 - TYPE "N": FOR STRUCTURAL LOAD BEARING, SHEAR WALLS, AND NON-LOAD BEARING ARCHITECTURAL WALLS.
 - TYPE "S": FOR WALLS AT OR BELOW GRADE.
- GROUT** SHALL CONFORM TO ASTM C476 AND SHALL OBTAIN A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 psi (ASTM C1019). FILL ALL REINFORCED CELLS SOLIDLY WITH GROUT. UNDER NO CIRCUMSTANCES SHALL MASONRY MORTAR BE USED IN LIEU OF GROUT.
- REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE HOOKED OR BENT. REFER TO TABLE ON THIS SHEET FOR MINIMUM LAP SPLICE LENGTHS.
- MECHANICAL REINFORCING COUPLERS SHALL BE USED IN LIEU OF THE NOTED LAP LENGTHS TO DEVELOP THE DESIGN BAR STRENGTH AT SPLICES FOR #6 BARS AND GREATER. SUBMIT COUPLER DESIGN DATA TO ENGINEER FOR APPROVAL AND INSTALL PER MFR. SPECIFICATIONS. DO NOT USE FLANGED COUPLERS.
- PLACE REINFORCING AT CENTERLINE OF EACH WALL, TYPICAL UNLESS INDICATED AT EACH FACE. SEE TYPICAL VERTICAL REINFORCING POSITION DETAIL THIS SHEET.
- PROVIDE VERTICAL REINFORCING BARS OF THE GIVEN SIZE AND SPACING AS INDICATED. PROVIDE BARS AT ALL WALL CORNERS, INTERSECTIONS, AND OPENING EDGES.
- PROVIDE STANDARD HOOK ON VERTICAL WALL REINFORCING EXTENDING INTO BOND BEAM AT TOP OF ALL WALLS SUPPORTING ROOF FRAMING. HOOK BARS MAY BE #4 BARS, U.N.O.
- REINFORCING MAY BE DRILLED AND EPOXY GROUTED INTO CONCRETE FOUNDATION FOR BETTER COORDINATION WITH MASONRY CELL LOCATIONS (SHEARWALL END REINFORCING, REQUIRES CAST-IN-PLACE CONCRETE).
- FOR CMU BELOW GRADE, GROUT ALL CELLS SOLID.
- ADDITIONAL GROUTED CELLS ARE REQUIRED AT POST INSTALLED ANCHOR LOCATIONS TO MAINTAIN MINIMUM ANCHOR DESIGN VALUES.
- PROVIDE STEEL JOIST AND BEAM BEARING PLATES AND OTHER ACCESSORIES AS INDICATED.
- THE MASONRY CONTRACTOR SHALL PROVIDE ALL TEMPORARY WALL BRACING DURING CONSTRUCTION (SEE "GENERAL STRUCTURAL NOTES").
- MASONRY SHOP DRAWINGS: SHOW ELEVATIONS OF REINFORCED WALLS AT ALL STRUCTURAL EXTERIOR LOAD BEARING AND SCHEDULED SHEAR WALLS. CONTRACTOR COORDINATE OPENINGS (DOORS, WINDOWS, MECHANICAL DUCT PENETRATIONS, ETC.) WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. PLEASE SUBMIT AT LEAST 28 DAYS PRIOR TO START OF MASONRY WORK.
- PRE CONSTRUCTION MEETING SHALL BE HELD ON-SITE PRIOR TO MASONRY CONSTRUCTION TO REVIEW THE MASONRY REQUIREMENTS OF THE PROJECT. A REPRESENTATIVE FROM SHELL + MEYER ASSOCIATES, INC., THE SPECIAL INSPECTOR, THE MASONRY CONTRACTOR, AND THE GENERAL CONTRACTOR SHALL BE PRESENT.



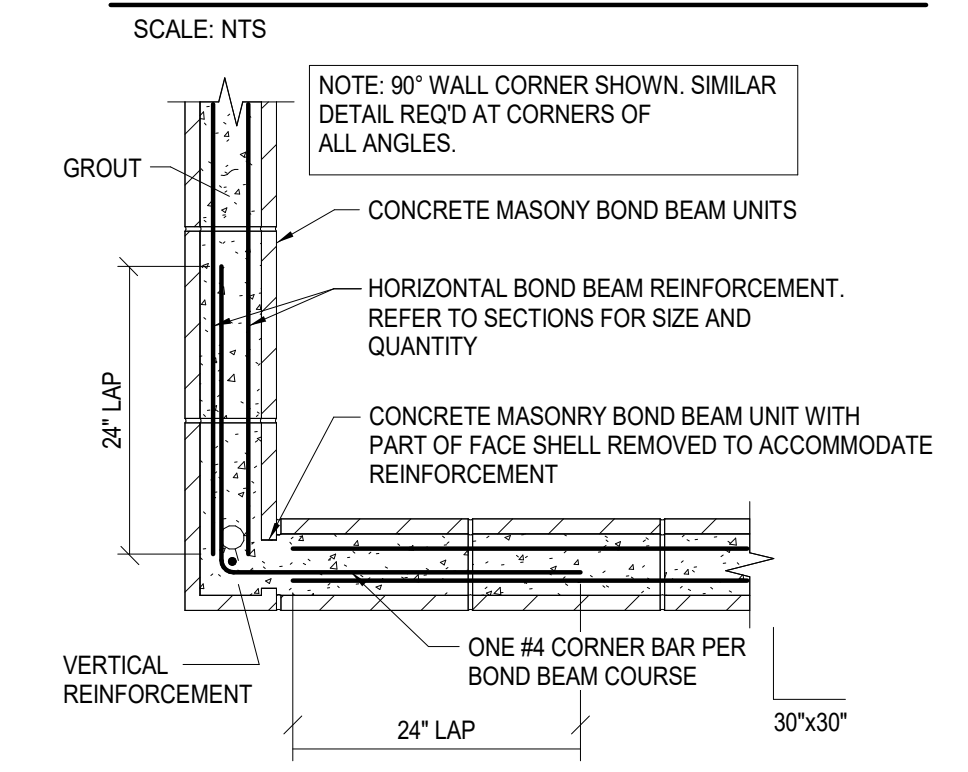
- NOTES:**
- VERTICAL REINFORCEMENT OF 2 BARS, PLACE 8" O.C. UNLESS NOTED AS "EACH FACE"
 - VERTICAL BARS SHALL BE OF THE SAME SIZE, EXTENT, AND ANCHORAGE AS THE TYPICAL REINF. IN THAT WALL UNLESS OTHERWISE INDICATED. LOCATIONS OF DIFFERENT JAMB REINF. ARE LOCATED ON PLAN.
 - VERTICAL BARS CAN BE PART OF NORMAL REINFORCING IN THE WALL, UNLESS NOTED AS ADDITIONAL.
 - REINFORCEMENT AT TOP OF OPENINGS SHALL NOT BE LESS THAN THAT REQUIRED BY THE LINTEL DESIGN.
 - AT STEEL AND PRECAST LINTELS PROVIDE GROUTED VERTICAL BARS TO UNDERSIDE OF BRG. FULL HT. JAMB REINF. TO BE LOCATED ADJACENT TO LINTEL BEARING REINF. U.N.O.

M7 REINFORCING AROUND WALL OPENINGS
UNLESS NOTED OTHERWISE SCALE: NTS

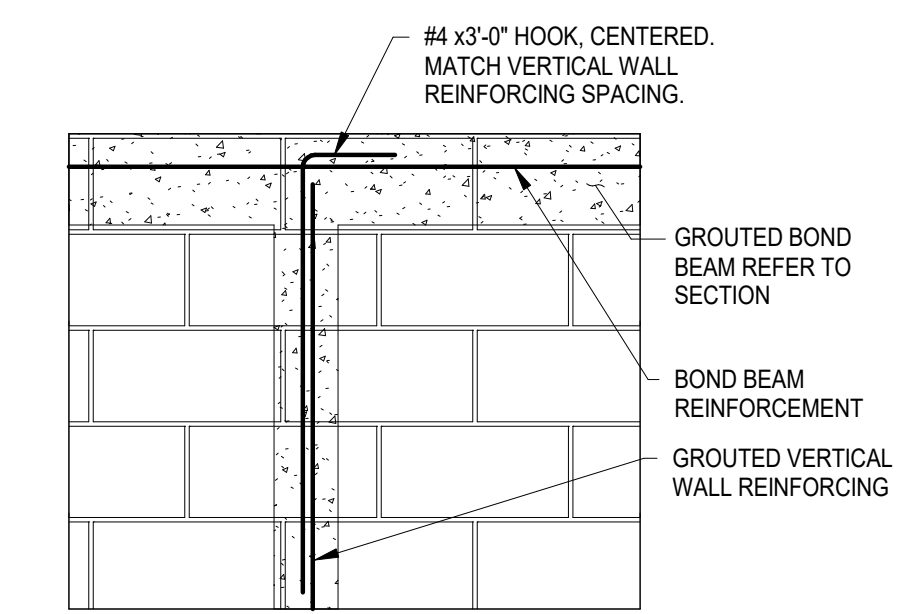


M14 BOND BEAM INTERSECTION DETAIL
SCALE: NTS

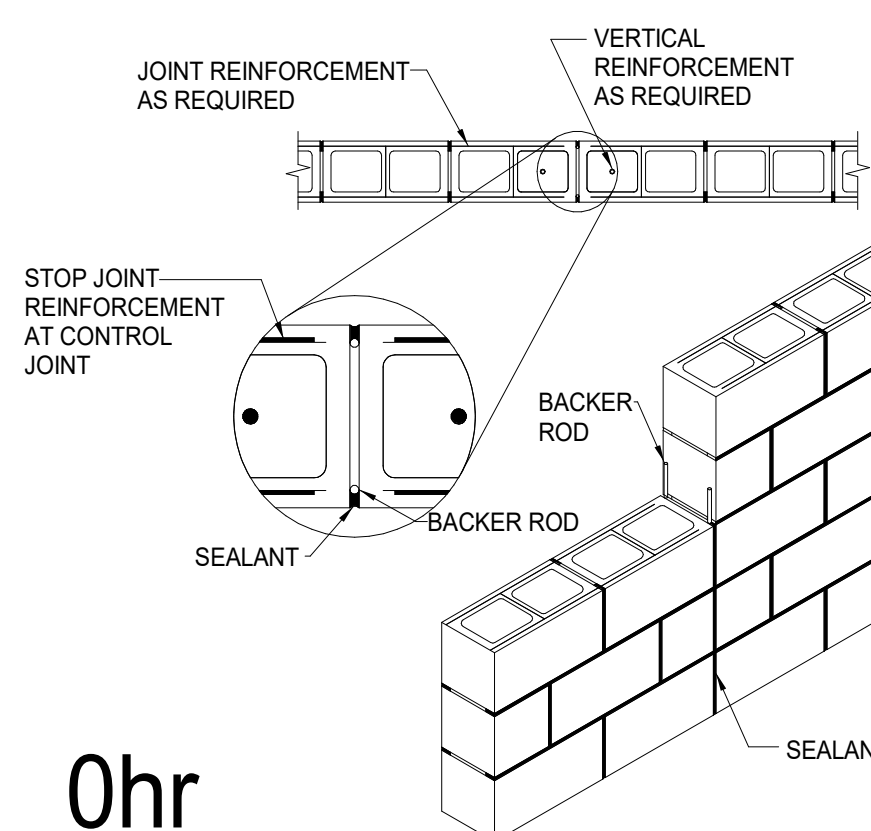
INTERIOR NON-LOAD BEARING



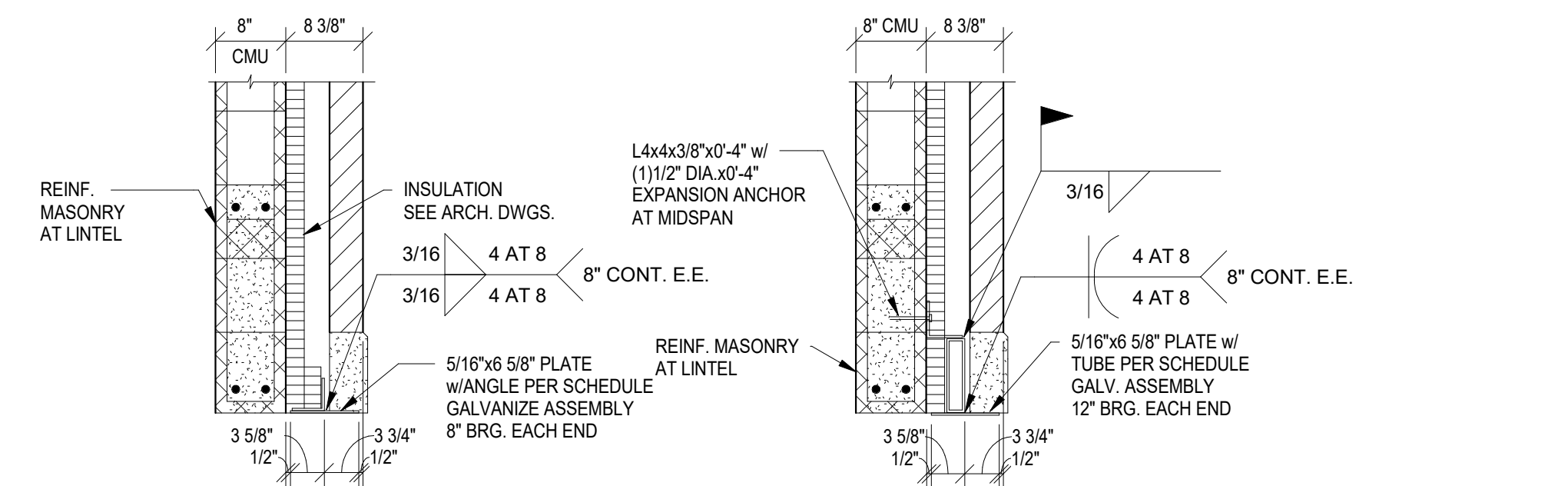
M10 BOND BEAM CORNER DETAIL
SCALE: NTS



M11 BOND BEAM DETAIL
INTERSECTION OF VERTICAL AND BOND BEAM REINFORCING SCALE: NTS



CJ0 BASIC CONTROL JOINT (3/8" MAXIMUM)
NO FIRE RATING WILL NOT TRANSFER OUT OF PLANE LOADS ACROSS JOINT SCALE: NTS



LESS THAN 8'-0" TYPICAL EXTERIOR LOOSE LINTEL OVER 8'-0" TYPICAL EXTERIOR LOOSE LINTEL

MASONRY VENEER LINTEL SCHEDULE

CLEAR SPAN	STFNR. ANGLE	STFNR. TUBE	NOTES
4'-0" OR LESS	L3x3x5/16"		CLIP ANGLE EACH END
8'-0" OR LESS	L5x3x5/16" L.L.V.		CLIP ANGLE EACH END
14'-0" MAX.		HSS8x2x3/8"	MAXIMUM 6'-0" VENEER ABOVE CLIP ANGLE EACH END AND AT MIDSPAN

(GALVANIZED ALL EXTERIOR LINTELS)

- NON LOAD BEARING PARTITIONS - (INTERIOR WALLS U.N.O.)
- REFER TO SCHEDULE BELOW FOR NON-LOAD BEARING WALL REINFORCING:
 - MINIMUM LATERAL LOAD = 5 P.S.F. PER OBC 1607.13
 - VERTICAL BARS SHALL BE LOCATED WITHIN 8" OF THE ENDS OF ALL WALLS AND MOVEMENT/ CONSTRUCTION JOINTS. BARS SHALL BE LOCATED WITHIN 16" OF ALL DOOR, WINDOW, AND MECHANICAL JAMS OF OPENINGS GREATER THAN 16" WIDE.
 - ALL NON-LOAD BEARING WALLS SHALL BE BRACED AT THE TOP OF THE WALL WITH BRACES NOT TO EXCEED THE SPACING INDICATED IN THE TABLE, UNLESS NOTED OTHERWISE.
 - PROPRIETARY BRACES SHALL BE CAPABLE OF RESISTING A MINIMUM LATERAL LOAD EQUAL TO 180 LBS. PER BRACE.
 - REFER TO SHEARWALL SCHEDULE FOR WALLS REQUIRING ADDITIONAL DETAILS AND REINFORCING TO TRANSFER THE REQUIRED SHEAR TO THE FOUNDATIONS.

ALL INTERIOR NON-LOAD BEARING WALLS (BRACING AND REINFORCING)

MAX. HT.	SPACING OF TIE BRACES	6" CMU	8" CMU	10" CMU	12" CMU
15'-0"	56" o.c.	#4 AT 96" o.c.	#4 AT 120" o.c.	#4 AT 120" o.c.	#4 AT 120" o.c.
17'-0"	48" o.c.	#4 AT 72" o.c.	#4 AT 120" o.c.	#4 AT 120" o.c.	#4 AT 120" o.c.
20'-0"	40" o.c.	NP	#4 AT 120" o.c.	#4 AT 120" o.c.	#4 AT 120" o.c.
25'-0"	32" o.c.	NP	#4 AT 72" o.c.	#4 AT 120" o.c.	#4 AT 120" o.c.
30'-0"	24" o.c.	NP	#4 AT 56" o.c.	#4 AT 72" o.c.	#4 AT 120" o.c.
35'-0"	SEE DETAILS	NP	NP	NP	#4 AT 72" o.c.

NP = NOT PERMITTED



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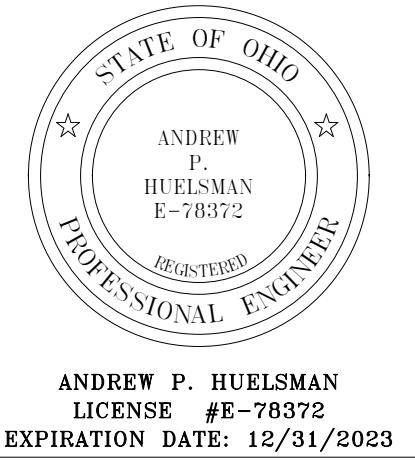
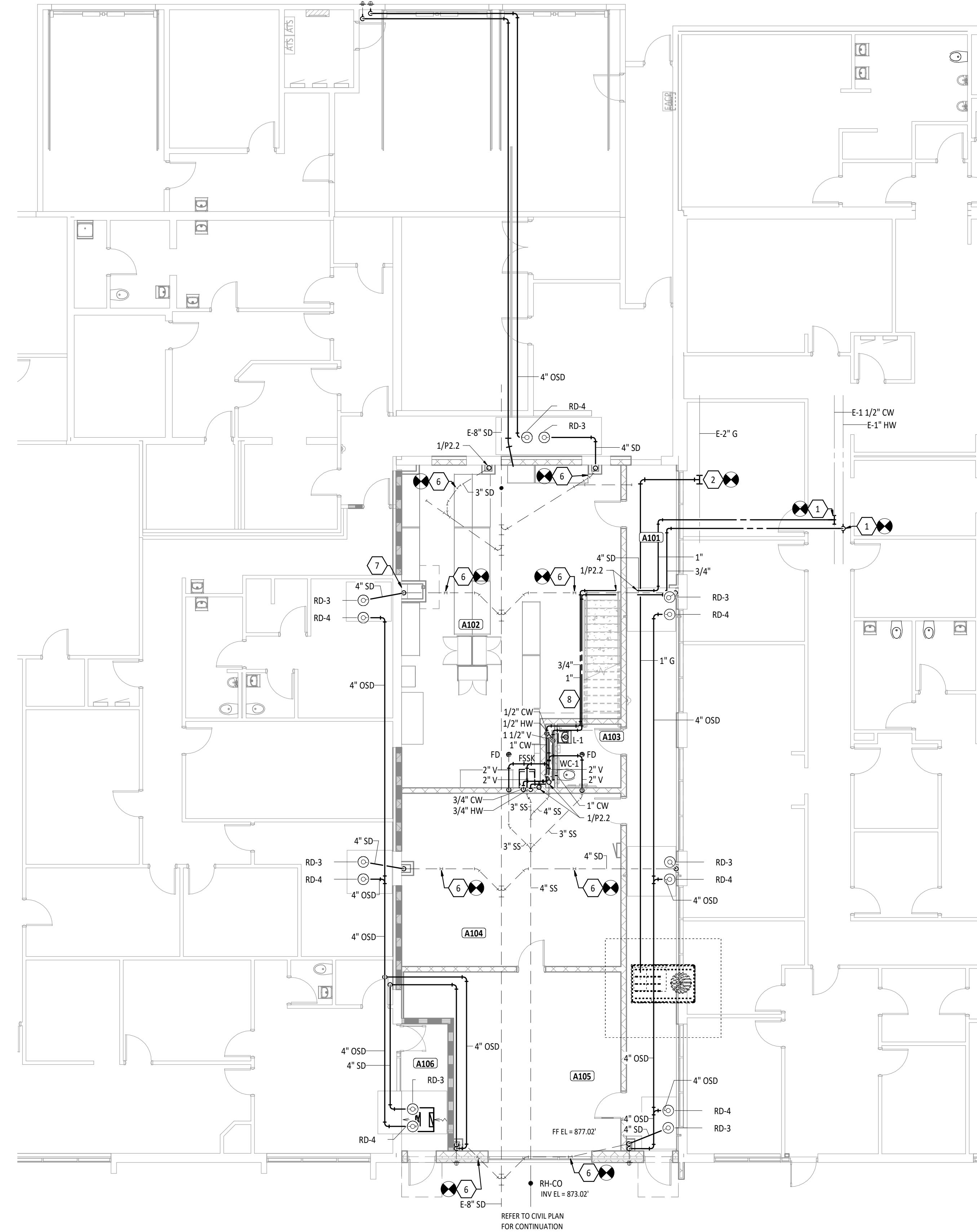
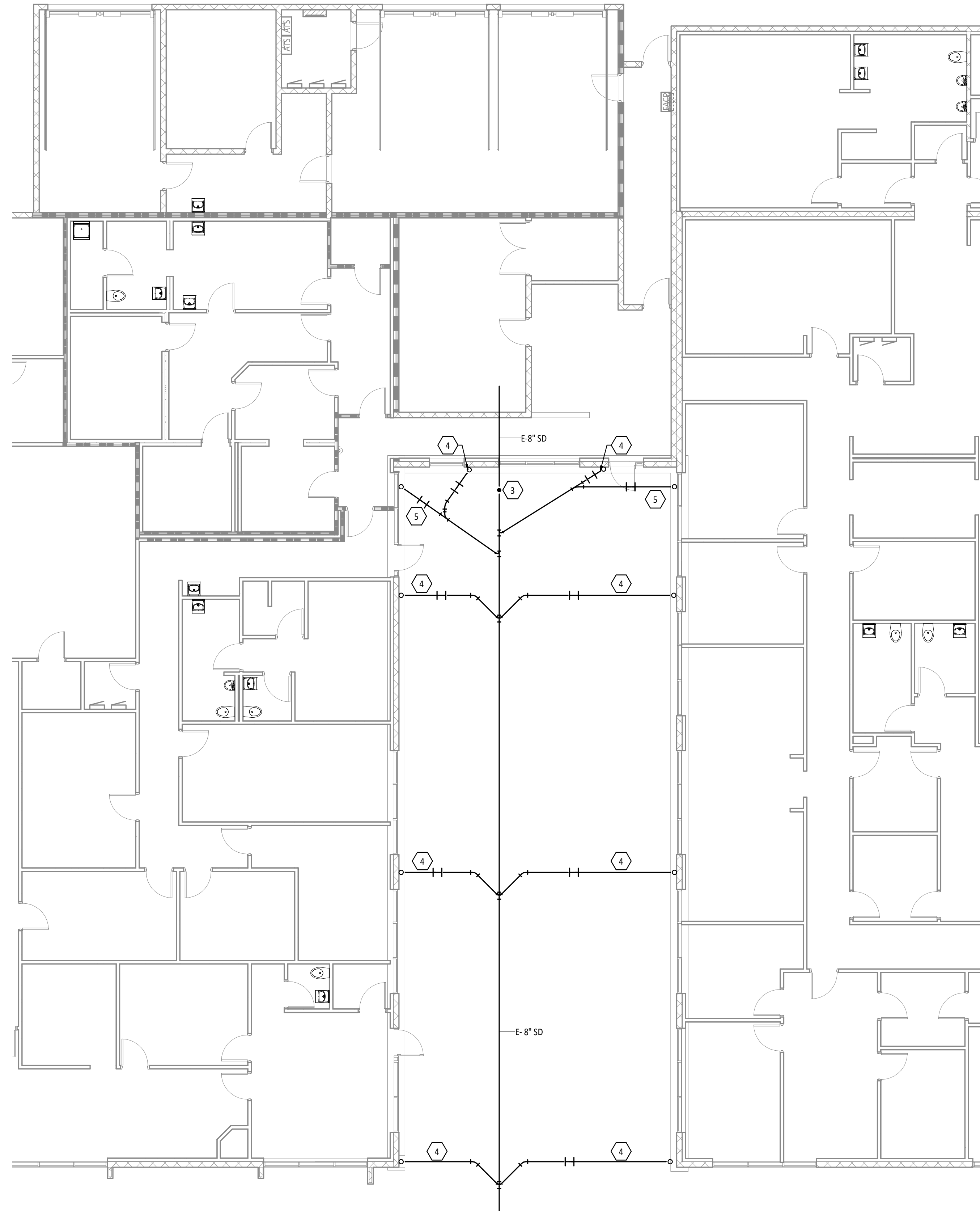
MASONRY DETAILS

SHEET NUMBER: **S4.1**



FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	CORRIDOR	456 SF
A102	STORAGE	860 SF
A103	RESTROOM	54 SF
A104	SERVER ROOM	506 SF
A105	IT OFFICE	432 SF
A106	CORRIDOR	79 SF
A107	OFFICE	161 SF
A108	OFFICE	166 SF

#	KEYNOTE DESCRIPTION
1	CONNECT TO EXISTING DOMESTIC WATER SYSTEM IN THIS APPROXIMATE LOCATION.
2	CONNECT TO EXISTING GAS LINE IN THIS APPROXIMATE LOCATION.
3	EXISTING CLEANOUT LOCATED IN THIS APPROXIMATE LOCATION. REWORK PIPE AND PROVIDE NEW CLEANOUT IN FINISHED FLOOR.
4	EXISTING DOWNSPOUT AND FIRST PORTION OF EXISTING UNDERGROUND PIPING TO BE REMOVED AND DISPOSED OF OFF SITE. EXISTING PIPE TO BE PREPARED FOR RECONNECTION TO NEW ROOF DRAIN PIPING.
5	EXISTING DOWNSPOUT AND FIRST PORTION OF EXISTING UNDERGROUND PIPING TO BE REMOVED AND DISPOSED OF OFF SITE. EXISTING PIPE TO BE CAPPED AND ABANDONED IN PLACE.
6	NEW DOWNSPOUT TO CONNECT TO EXISTING UNDERGROUND STORM LINE IN THIS APPROXIMATE LOCATION.
7	EXISTING PIPE LOCATED IN THIS APPROXIMATE LOCATION TO BE VERIFIED. MODIFY AS NEEDED AND CONCEAL WITHIN NEW CHASE.
8	ROUTE DOMESTIC WATER LINES TIGHT TO STRUCTURE TO AVOID LIFT OPENING.



ANDREW P. HUELSMAN
 LICENSE #E-78372
 EXPIRATION DATE: 12/31/2023



TIPP CITY GOVERNMENT BUILDING INFILL

200 SOUTH GARBER DRIVE, TIPP CITY, OHIO

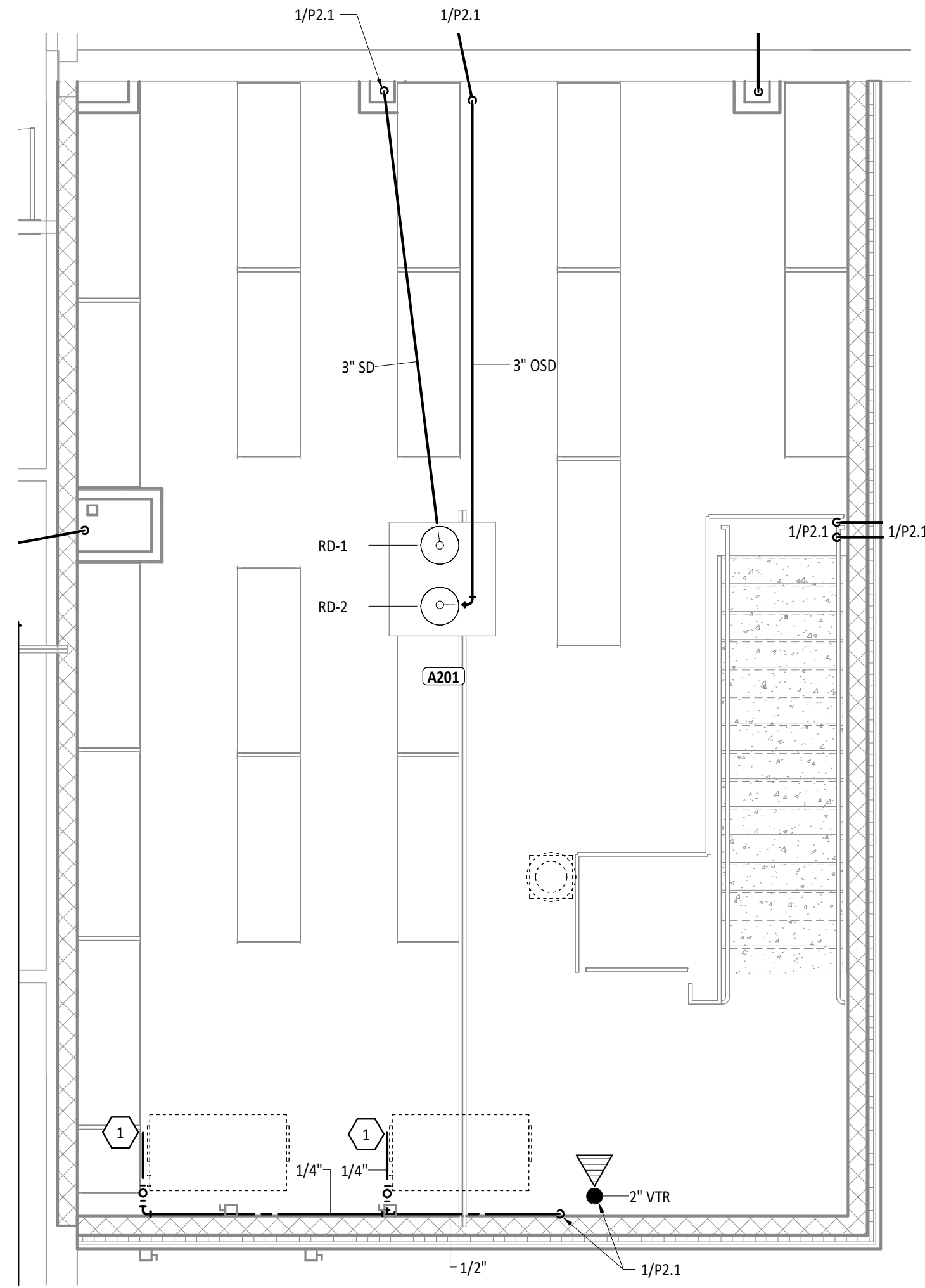
ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

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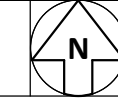
SHEET TITLE: PLUMBING DEMOLITION PLAN AND FIRST FLOOR PLUMBING PLAN

SHEET NUMBER:
P2.1

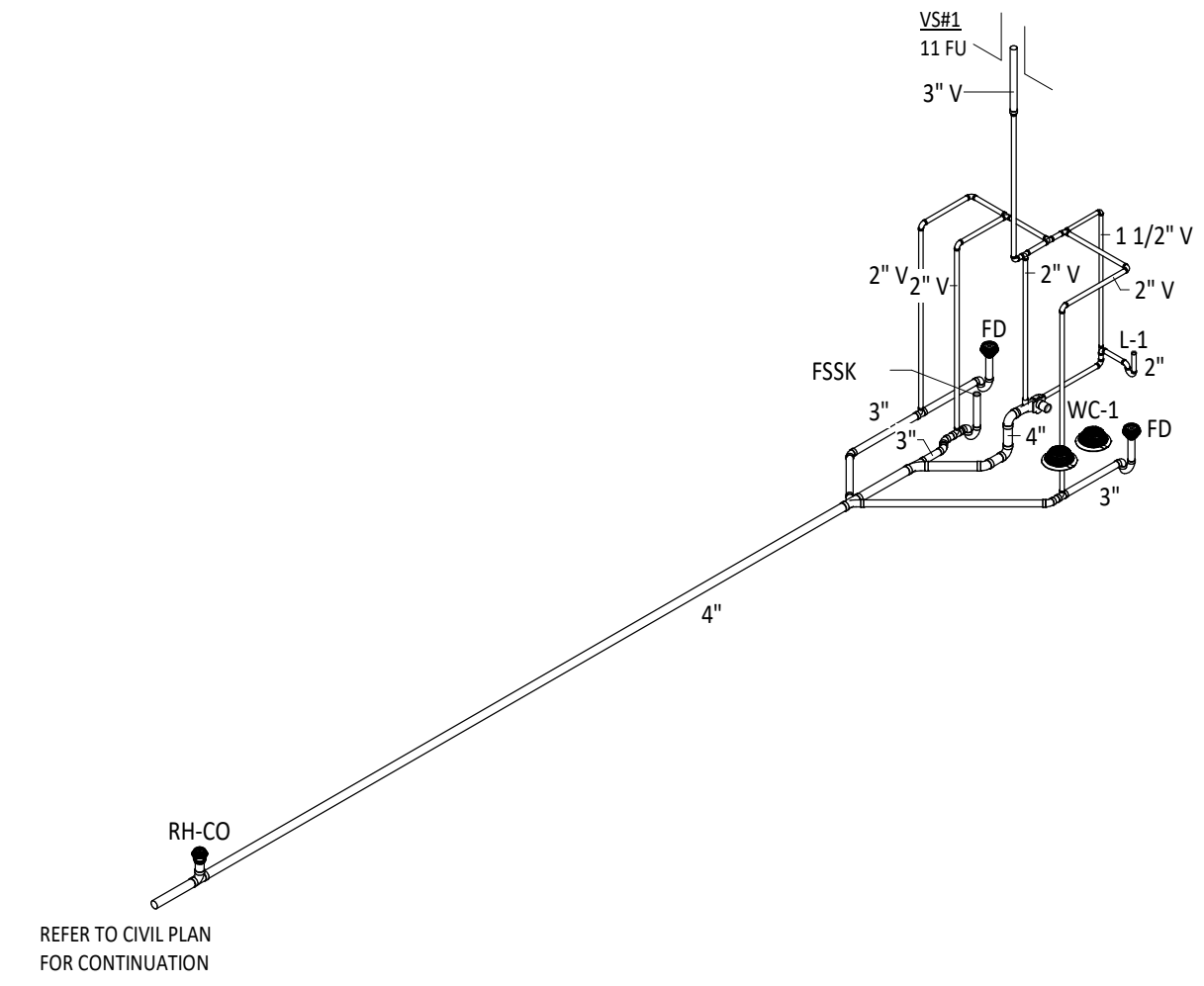




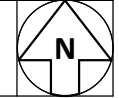
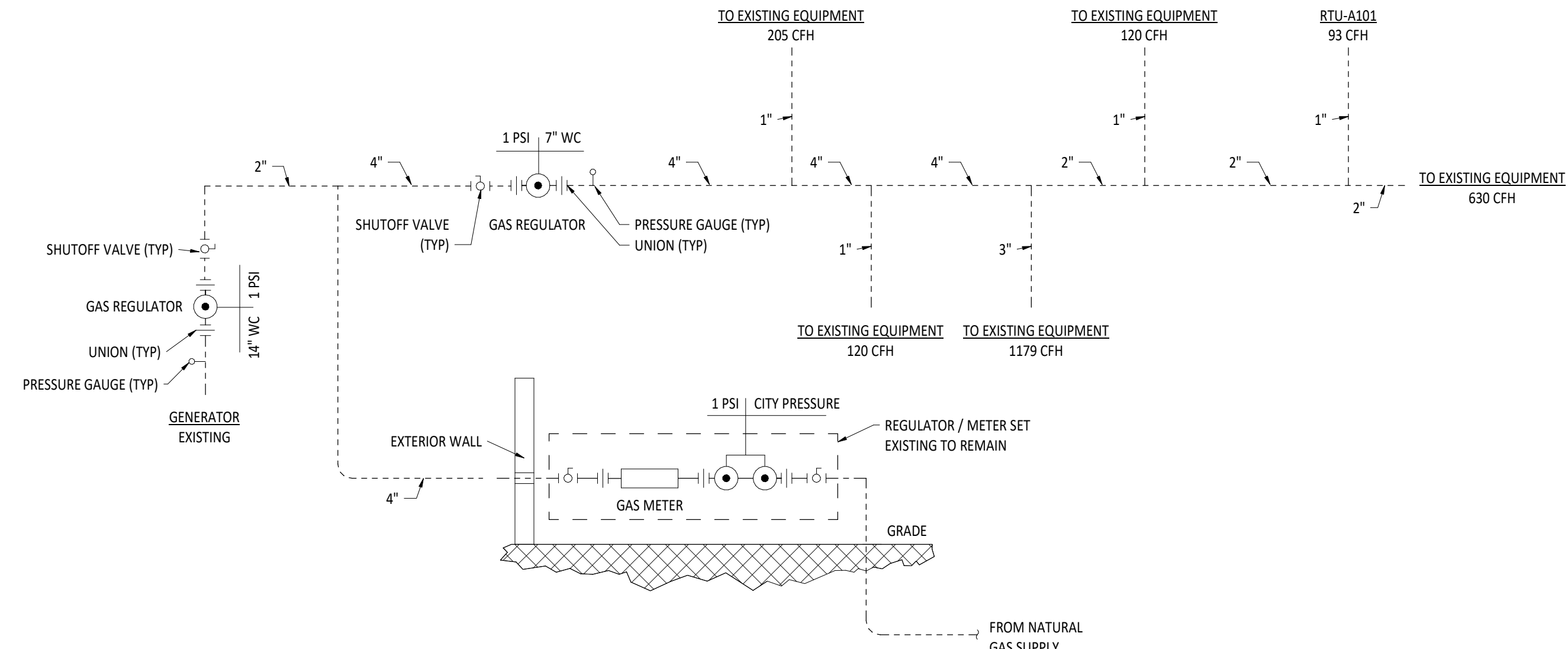
1
P2.2
MEZZANINE PLUMBING PLAN
1/4" = 1'-0"



2
P2.2
SANITARY ISOMETRIC - UNIT A
NTS



3
P2.2
NATURAL GAS PIPING DETAIL
NTS



SECOND FLOOR PLAN ROOM INDEX		
ROOM NUMBER	ROOM NAME	AREA
A201	STORAGE	884 SF

#	KEYNOTE DESCRIPTION
1	PROVIDE 1/4" DOMESTIC COLD WATER CONNECTION WITH SHUT OFF VALVE TO TECHNOLOGY COOLING UNIT.

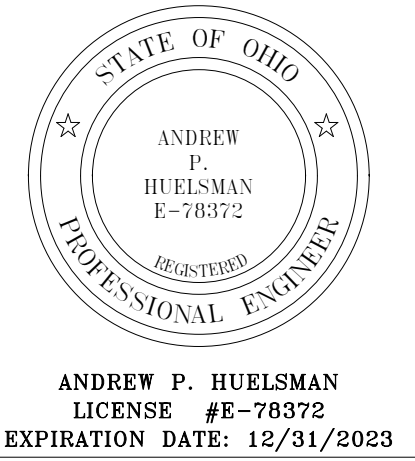
ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION	FINISH	MOUNTING HEIGHT	DEPTH	ADA	TRIM				FLOW FIXTURE				FLUSH FIXTURE	WASTE ROUGH-IN PIPE SIZE	INDIRECT WASTE PIPE SIZE	VENT PIPE SIZE	COLD WATER ROUGH-IN PIPE SIZE	HOT WATER ROUGH-IN PIPE SIZE	SPECIFICATION
										MANUFACTURER	MODEL	TYPE	MOTION SENSOR CONTROL	WATER FLOW	COLD WATER TEMP.	HOT WATER TEMP.	MAX. MIXED WATER TEMP.							
FSSK	FLOOR SERVICE SINK WITH DROP FRONT	ACORN	TDF-24	1	TERRAZZO	WHITE	1' - 0"	0"	No	ZURN	Z843M1-XL-CS	MANUAL - DUAL LEVER HANDLES	No	2.50 GPM	40 °F	120 °F	105 °F	---	3"	---	3/4"	3/4"	FLOOR SERVICE SINK: 24"x24"x12" BASIN, PRECAST TERRAZZO BASIN, 3" DRAIN BODY WITH STAINLESS STEEL STRAINER, 3" DRAIN AND CAST IRON TRAP, VINYL BUMPER GUARD, HOSE, HOSE BRACKET, MOP HANGER, AND STAINLESS STEEL WALL GUARDS. FAUCET: WALL MOUNTED, VANDAL RESISTANT COLOR CODED LEVER HANDLES, 6" SPOUT, WALL BRACE, PAIL HOOK, INTEGRAL SERVICE STOPS, CHECK STOPS AND ATMOSPHERIC VACUUM BREAKER SPOUT.	
L-1	LAVATORY - WALL HUNG - ADA	SLOAN	SS-3003	1	WHITE VITREOUS CHINA	WHITE	34" TO RIM	0' - 6 1/2"	Yes	ZURN	Z81101-XL	MANUAL	No	0.35 GPM	40 °F	120 °F	105 °F	---	2"	---	1/2"	1/2"	WALL HUNG LAVATORY WITH BACKSPASH, FAUCET HOLES ON 4" CENTERS. DECK-MOUNTED FAUCET WITH VANDAL RESISTANT SPRAY, EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE, GRID DRAIN, LOOSE KEY ANGLE STOPS AND SUPPLIES. INSULATE WATER AND WASTE WITH ADA INSULATION KIT. MOUNT AT ADA COMPLIANT HEIGHT.	
WC-1	WATER CLOSET - WALL HUNG - ADA - 17"	SLOAN	ST-2459	1	WHITE VITREOUS CHINA	WHITE	17" TO RIM	---	Yes	SLOAN	REGAL 111 SFSM-1.6	MANUAL	No	---	40 °F	---	40 °F	1.6 gal	4"	---	2"	1"	ELONGATED WALL HUNG WATER CLOSET, 1-1/2" TOP SPUD, WITH CHURCH 295CT ELONGATED OPEN FRONT SEAT, CARRIER, ULTRA LOW CONSUMPTION. INSTALL AT ADA COMPLIANT HEIGHT.	

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION				PRIMER	SPECIFICATION
					DRAIN BODY	STRAINER	PIPE SIZE	PIPE SIZE		
FD	FLOOR DRAIN	ZURN	ZN415-B21	2	EPOXY COATED CAST IRON	NICKEL BRONZE	3"	2"	---	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL	PIPE ACCESSORY DIAMETER	SPECIFICATION

MARK	DESCRIPTION	MANUFACTURER	MODEL	MATERIAL DESCRIPTION		PIPE DIAMETER	COMMENTS
				DRAIN BODY	STRAINER		
RD-5	DOWNSPOUT NOZZLE	ZURN	ZANB199-NH3	NICKEL BRONZE	---	---	DOWNSPOUT NOZZLE FOR SECONDARY ROOF DRAIN, NO HUB CONNECTION, REMOVEABLE STAINLESS STEEL SCREEN.
RD-6	DOWNSPOUT NOZZLE	ZURN	ZANB199-NH4	NICKEL BRONZE	---	---	DOWNSPOUT NOZZLE FOR SECONDARY ROOF DRAIN, NO HUB CONNECTION, REMOVEABLE STAINLESS STEEL SCREEN.
RD-1	PRIMARY ROOF DRAIN	ZURN	Z100F	EPOXY COATED CAST IRON	ALUMINUM	3"	LARGE SUMP ROOF DRAIN WITH FLASHING CLAM, SELF-LOCKING DOME, AND NO HUB OUTLET.
RD-2	SECONDARY ROOF DRAIN	ZURN	Z100F	EPOXY COATED CAST IRON	ALUMINUM	3"	LARGE SUMP ROOF DRAIN WITH FLASHING CLAM, SELF-LOCKING DOME, 3" INTERNAL WATER DRAIN, AND NO HUB OUTLET.
RD-3	PRIMARY ROOF DRAIN	ZURN	Z100F	EPOXY COATED CAST IRON	ALUMINUM	4"	LARGE SUMP ROOF DRAIN WITH FLASHING CLAM, SELF-LOCKING DOME, AND NO HUB OUTLET.
RD-4	SECONDARY ROOF DRAIN	ZURN	Z100F	EPOXY COATED CAST IRON	ALUMINUM	4"	LARGE SUMP ROOF DRAIN WITH FLASHING CLAM, SELF-LOCKING DOME, 3" INTERNAL WATER DRAIN, AND NO HUB OUTLET.

Grand total: 20



**TIPP CITY GOVERNMENT
BUILDING INFILL**

200 SOUTH GARBER DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

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22094.00	AMW	APH

SHEET TITLE:
**PLUMBING
MEZZANINE PLAN
AND SCHEDULES**

SHEET NUMBER:
P2.2

FIRE PROTECTION GENERAL NOTES

- A PROVIDE A COMPLETE WET TYPE FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE FLOOR PLAN AND CEILING TYPES INCLUDING MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. THE SYSTEM SHALL BE INSTALLED ACCORDING TO DIVISION 21 SPECIFICATIONS AND RECOMMENDATIONS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.
- B SPRINKLER PIPING SERVING EXPOSED AREAS SHALL BE ROUTED AS HIGH AS POSSIBLE. SPRINKLER PIPING SHALL BE ROUTED ABOVE THE BOTTOM CHORD OF THE ROOF TRUSSES. COORDINATE ROUTING OF SPRINKLER PIPING WITH BUILDING CONSTRUCTION, DUCTWORK, LIGHTING, AND ALL OTHER UTILITIES.
- C PROVIDE BOLT OR SCREW FASTENED WIRE GUARDS FOR ALL SPRINKLER PIPES IN THE GYMNASIUMS AND MECHANICAL ROOMS.
- D COORDINATE THE LOCATION OF SPRINKLER HEADS AND PIPING WITH BUILDING CONSTRUCTION, DUCTWORK AND MECHANICAL PIPING IN MEZZANINES. ROUTE SPRINKLER PIPING ABOVE THE BOTTOM CHORD OF THE ROOF TRUSSES IN THE MEZZANINE. DO NOT SUPPORT SPRINKLER PIPING FROM DUCTWORK OR EQUIPMENT.

FIRE PROTECTION GENERAL NOTES

- E FIRE PROTECTION SPRINKLER MAINS AND ZONES SHALL BE ROUTED AS DENOTED ON DRAWINGS. ANY ALTERNATE ROUTING MUST BE APPROVED BY THE ARCHITECT/ENGINEER. THIS CONTRACTOR SHALL DETERMINE THE ACTUAL PIPE SIZING AND ROUTING REQUIRED AND COORDINATE WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS.
- F THE SPRINKLER SYSTEM SHALL BE DESIGNED BASED UPON ACTUAL WATER FLOW TEST DATA OBTAINED AT OR NEAR THE JOB SITE.
- G DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES INVOLVED WITH FIRE SPRINKLER SYSTEM.
- H ALL SPRINKLER SYSTEM PIPING SHALL BE CONCEALED ABOVE THE SUSPENDED CEILING SYSTEM, UNLESS NOTED OTHERWISE. WRITTEN AUTHORIZATION SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO EXPOSING ANY PIPING IN ANY ROOM WHICH HAS A SUSPENDED CEILING.

FIRE PROTECTION GENERAL NOTES

- I AN INSPECTOR'S TEST CONNECTION SHALL BE PROVIDED FOR EACH FIRE SPRINKLER ZONE. THIS CONTRACTOR SHALL PROVIDE FIXED PIPING FROM THE TEST CONNECTION TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE TEST. EXTERIOR DISCHARGE OF THE TEST CONNECTION SHALL BE PERMITTED ONLY BY SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER.
- J SHOW ALL ROOM NUMBERS ON SHOP DRAWING PLANS.
- K ROUTE SPRINKLER PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS, SWITCHGEAR, OR SIMILAR EQUIPMENT. SPRINKLER MAINS SHALL NOT RUN THROUGH ELECTRICAL OR COMMUNICATION ROOMS. SPRINKLER HEADS IN THESE ROOMS SHALL BE SERVED BY A DEDICATED BRANCH LINE FOR EACH ROOM.
- L PROVIDE A COMPLETE LIGHT HAZARD WET-TYPE SPRINKLER SYSTEM FOR ALL FIRE ZONES AS SHOWN ON THE DRAWINGS. PROVIDE ORDINARY HAZARD IN SPACE WHERE REQUIRED. INSTALL SPRINKLER SYSTEM PER NFPA 13, STATE AND LOCAL FIRE MARSHALL AND DIVISION 21 OF THE SPECIFICATIONS.

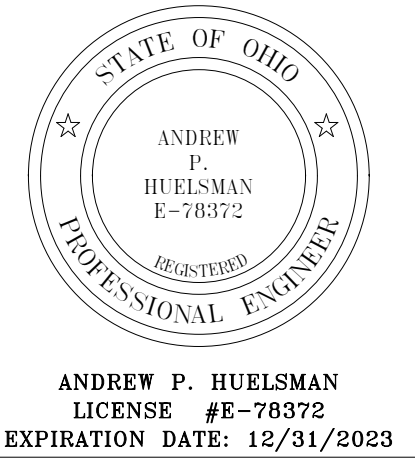
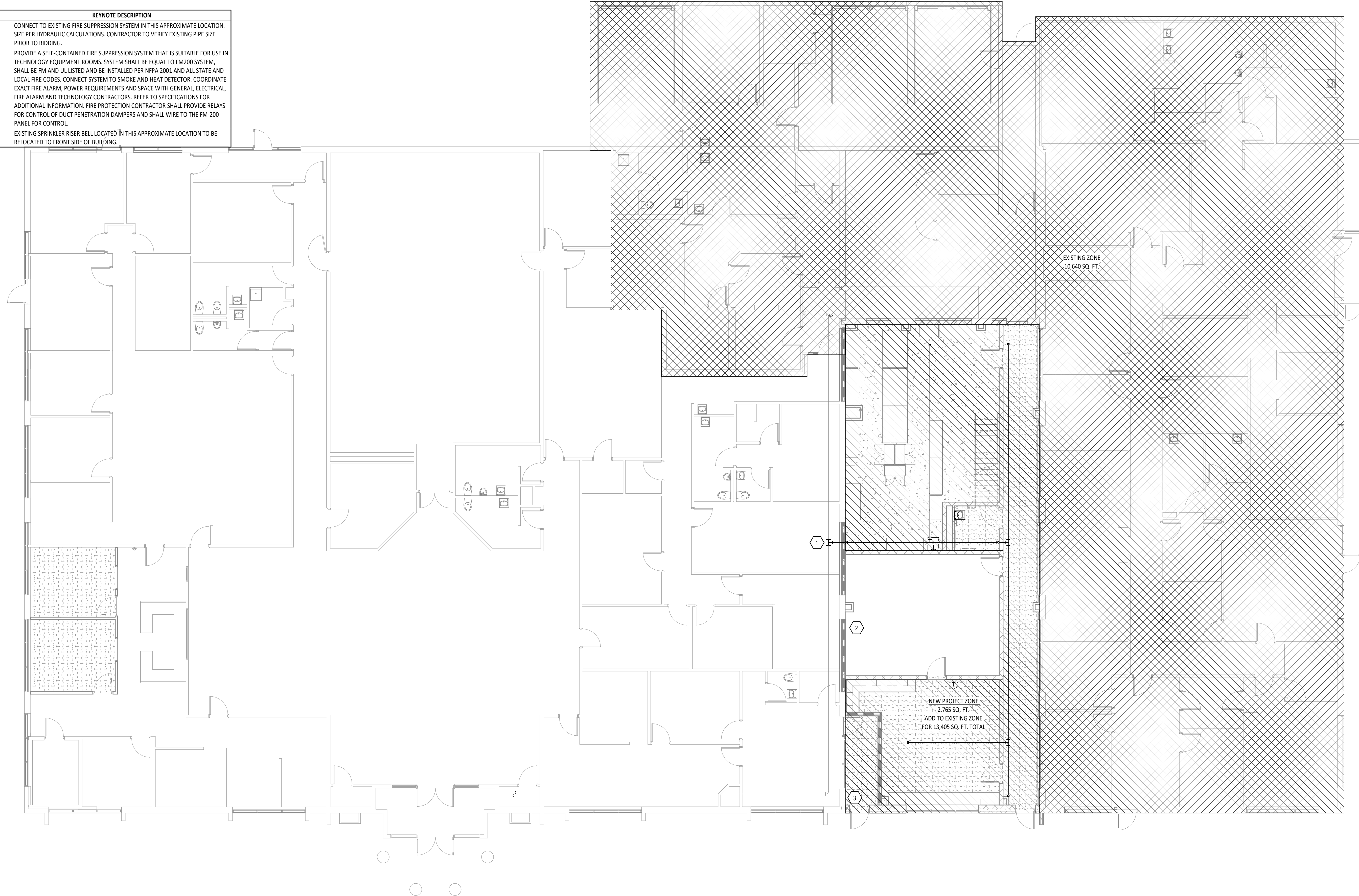
FIRE PROTECTION GENERAL NOTES

- M PROVIDE ALTERATIONS TO THE EXISTING FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW FLOOR PLAN AND NEW CEILING TYPES. PROVIDE A COMPLETE WET TYPE SYSTEM INCLUDING NEW MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. REUSE EXISTING SYSTEM EQUIPMENT WHERE APPLICABLE. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND AS PER REQUIREMENTS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.
- N THE BUILDINGS COMPLETE OPERATIONAL FIRE PROTECTION SYSTEMS SHALL REMAIN IN PLACE. THIS CONTRACTOR SHALL REPAIR ANY DAMAGE TO THIS SYSTEM CREATED BY THE REMOVAL OF ANY OTHER MECHANICAL SYSTEMS OR COMPONENTS.
- O THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH ALL OTHER CONTRACTORS PRIOR TO STARTING WORK.
- P THIS CONTRACTOR SHALL PREPARE HYDRAULIC CALCULATIONS BASED UPON THE CONFIGURATION OF THE ACTUAL SYSTEM DESIGN AS SHOWN ON THIS CONTRACTOR'S SHOP DRAWINGS.

FIRE PROTECTION GENERAL NOTES

- Q THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- R PROVIDE AUXILIARY DRAIN VALVES AS REQUIRED BY NFPA. AUXILIARY DRAINS SHALL BE EXPOSED WITH 1" DRAIN VALVES. WHEN 5 OR MORE GALLONS ARE TRAPPED, THIS CONTRACTOR SHALL PROVIDE FIXED PIPING TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE DRAIN. WHEN LESS THAN 5 GALLONS ARE TRAPPED, A HOSE BIB SHALL BE PROVIDED AT THE DRAIN VALVE.
- S AUXILIARY DRAINS SHALL NOT BE LOCATED ABOVE PLASTER OR GYPSUM BOARD CEILING SYSTEMS. ONLY BY A SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER WILL A VARIANCE BE PROVIDED.

#	KEYNOTE DESCRIPTION
1	CONNECT TO EXISTING FIRE SUPPRESSION SYSTEM IN THIS APPROXIMATE LOCATION. SIZE PER HYDRAULIC CALCULATIONS. CONTRACTOR TO VERIFY EXISTING PIPE SIZE PRIOR TO BIDDING.
2	PROVIDE A SELF-CONTAINED FIRE SUPPRESSION SYSTEM THAT IS SUITABLE FOR USE IN TECHNOLOGY EQUIPMENT ROOMS. SYSTEM SHALL BE EQUAL TO FM200 SYSTEM, SHALL BE FM AND UL LISTED AND BE INSTALLED PER NFPA 2001 AND ALL STATE AND LOCAL FIRE CODES. CONNECT SYSTEM TO SMOKE AND HEAT DETECTOR. COORDINATE EXACT FIRE ALARM, POWER REQUIREMENTS AND SPACE WITH GENERAL, ELECTRICAL, FIRE ALARM AND TECHNOLOGY CONTRACTORS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. FIRE PROTECTION CONTRACTOR SHALL PROVIDE RELAYS FOR CONTROL OF DUCT PENETRATION DAMPERS AND SHALL WIRE TO THE FM-200 PANEL FOR CONTROL.
3	EXISTING SPRINKLER RISER BELL LOCATED IN THIS APPROXIMATE LOCATION TO BE RELOCATED TO FRONT SIDE OF BUILDING.



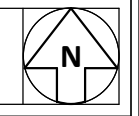
**TIPP CITY GOVERNMENT
BUILDING INFILL**

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BID DOCUMENTS	02/02/2023

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**FIRE PROTECTION
PLAN**

SHEET NUMBER:
FP1.1



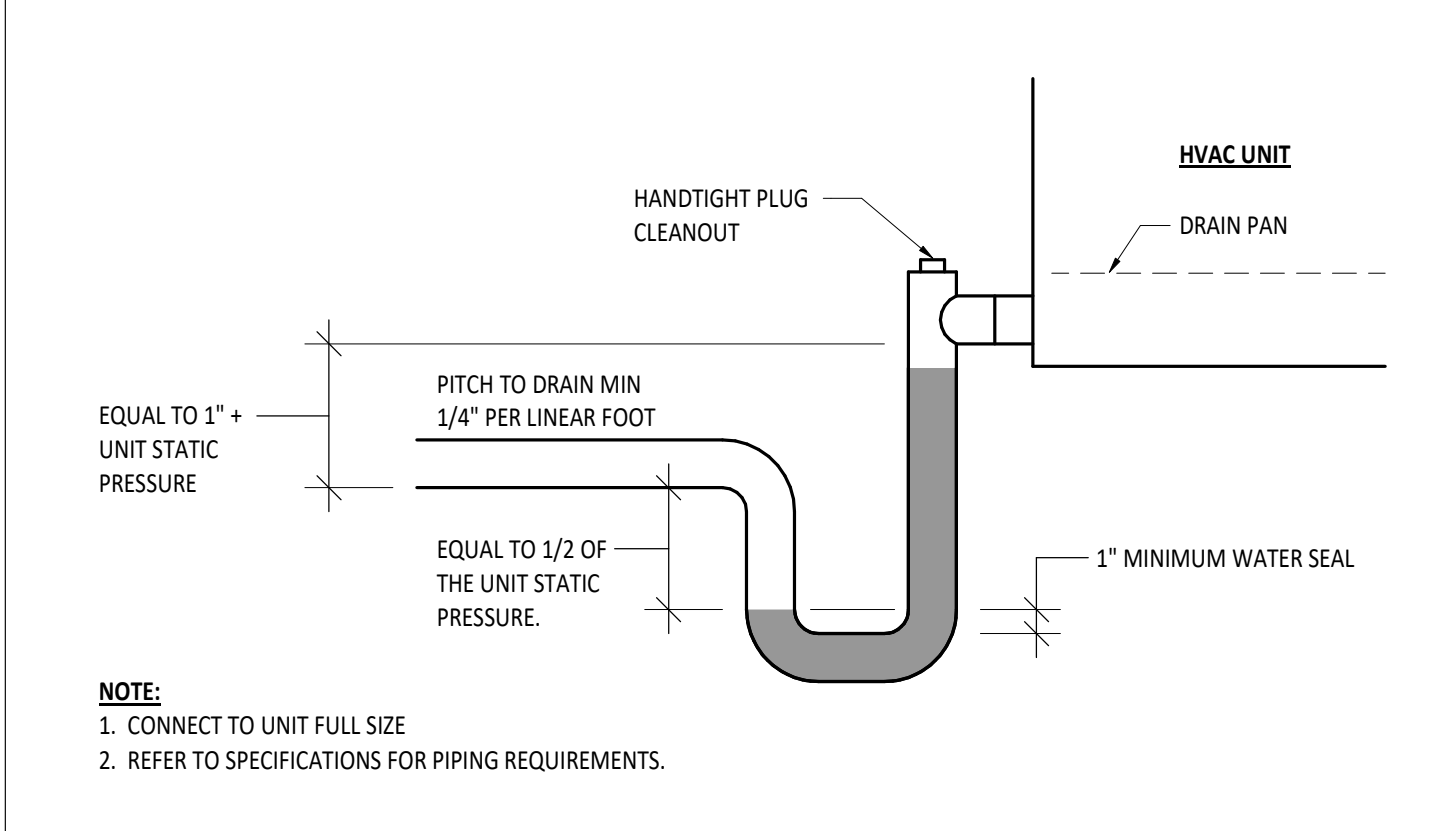
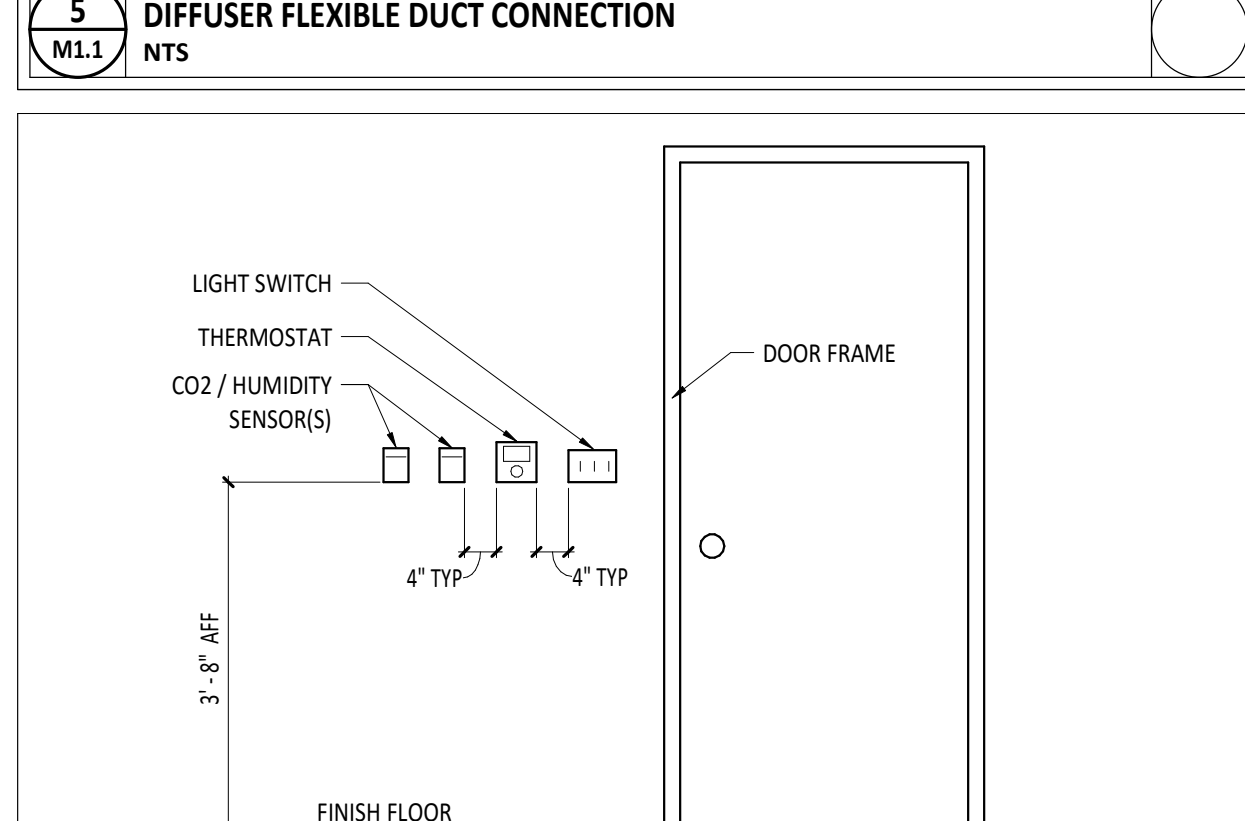
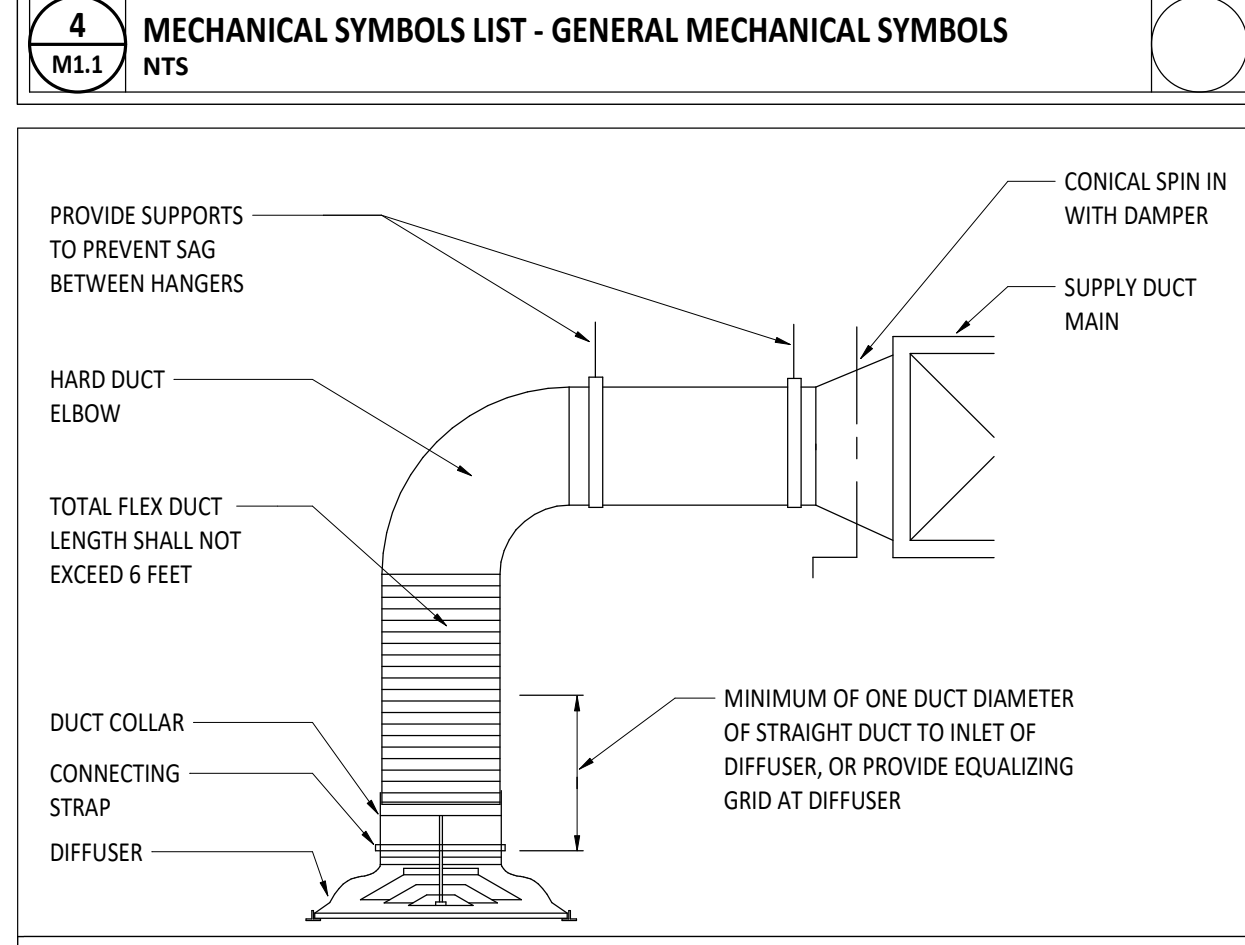
NOTE ALL OF THE GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

Table of mechanical symbols and abbreviations. Includes categories like Equipment Abbreviations, HVAC Symbols, and Utility Mounting Details.

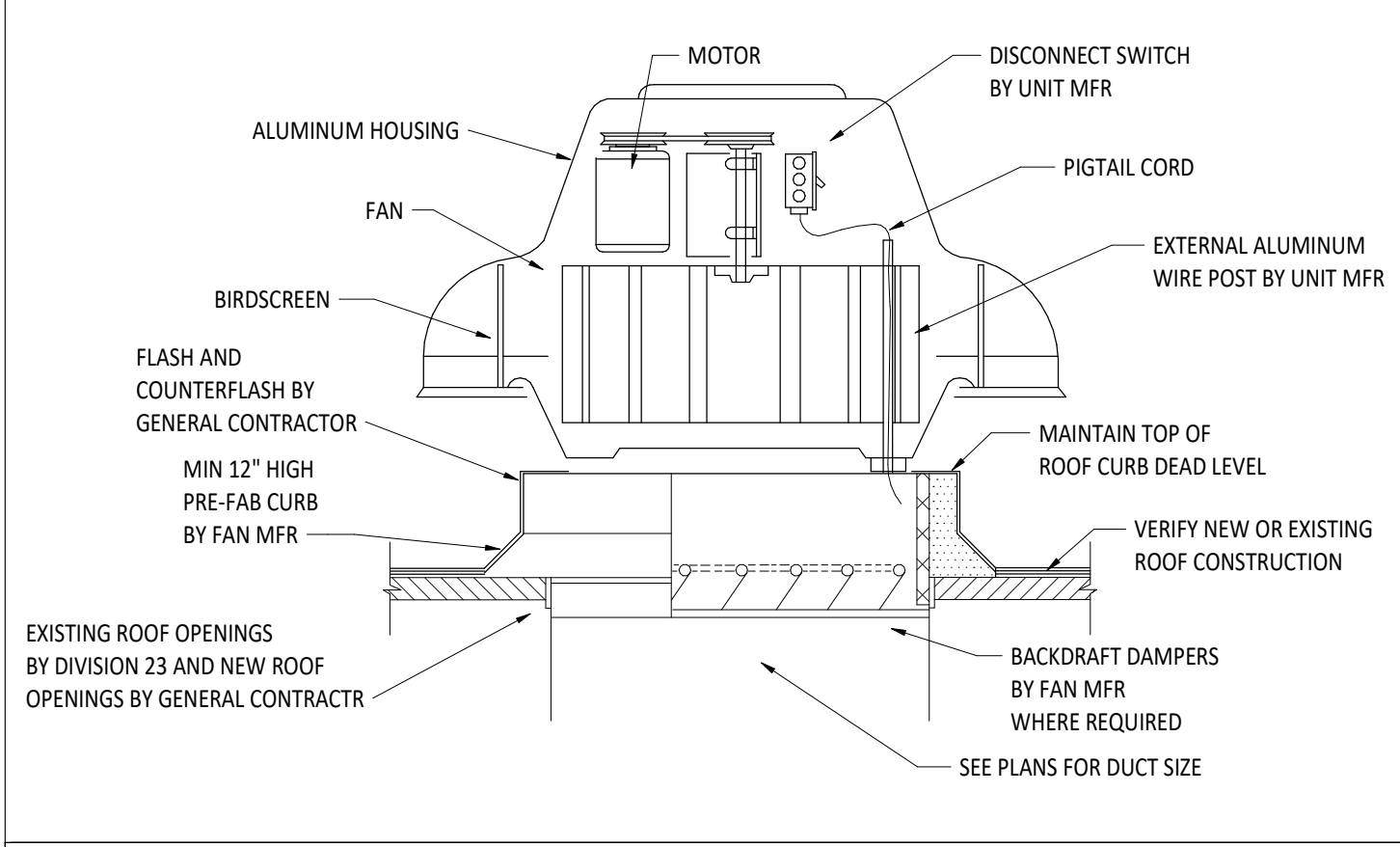
Table of mechanical symbols for HVAC systems, including duct sizes, diffusers, registers, and damper tags.

Table of mechanical symbols for piping systems, including chilled water return, condensate drainage, and heating water return.

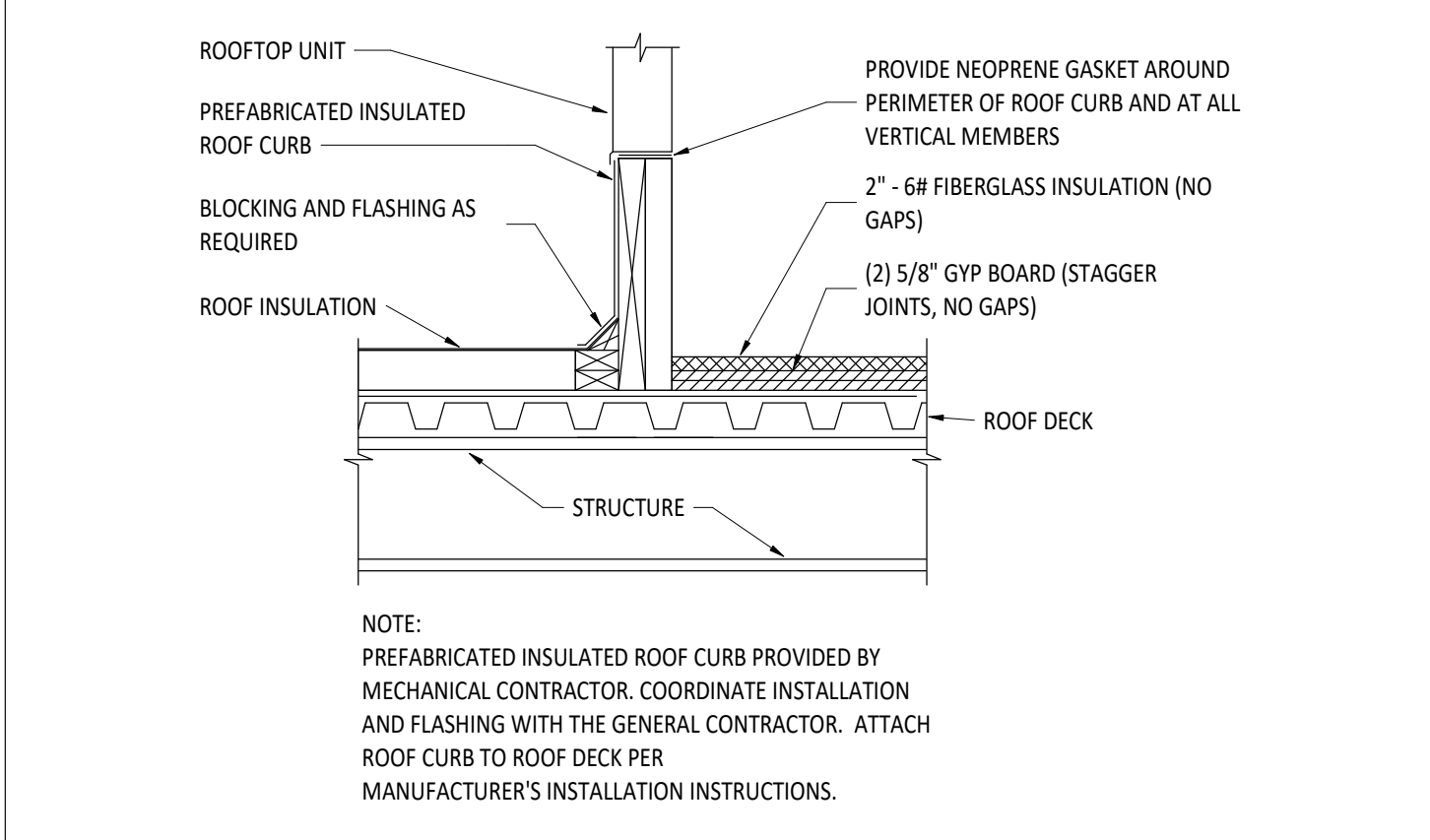
Table of mechanical symbols for general piping, including revision numbers, connection points, and pipe slope tags.



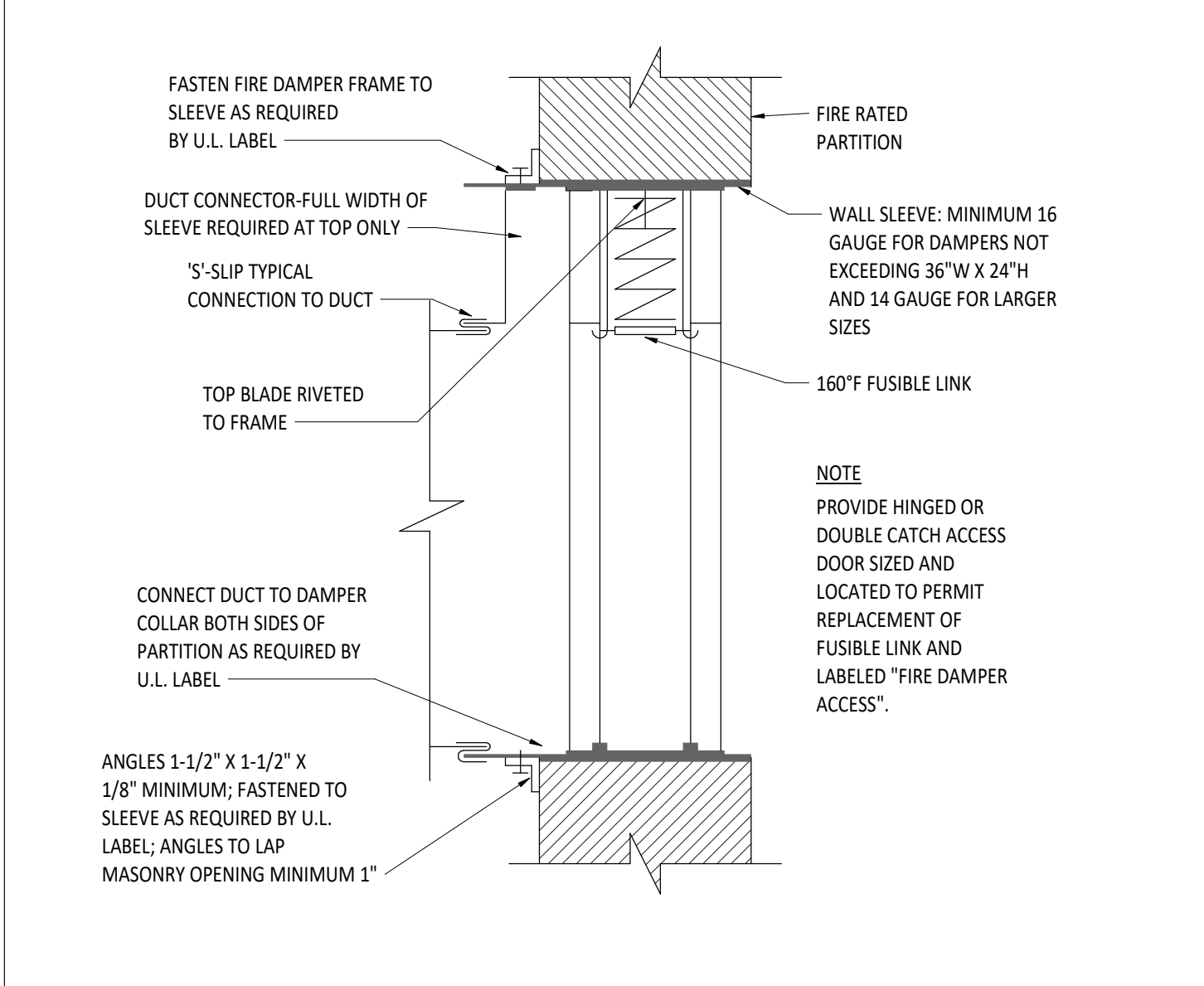
CONDENSATE TRAP PIPING DIAGRAM - AIR HANDLER



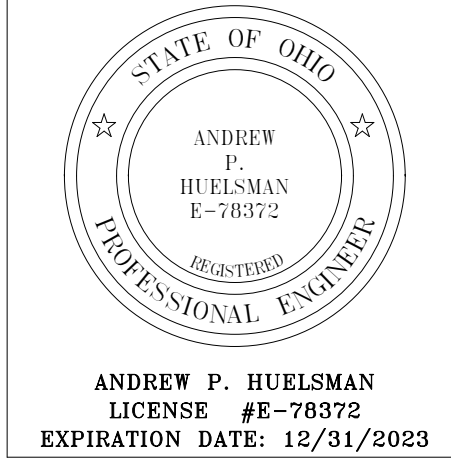
ROOF MOUNTED EXHAUST FAN



ROOFTOP UNIT CURB INSTALLATION DETAIL



Mechanical Sheet Index table listing sheet numbers and names. Includes sections for General Notes, HVAC General Notes, Piping General Notes, Temperature Control General Notes, and Damper - Fire - Duct Mount.



TIPP CITY GOVERNMENT BUILDING INFILL

Table of ISSUANCES/REVISIONS with columns for BID DOCUMENTS and dates.

Table with columns for PROJECT NUMBER, DRAWN BY, and CHECKED BY.

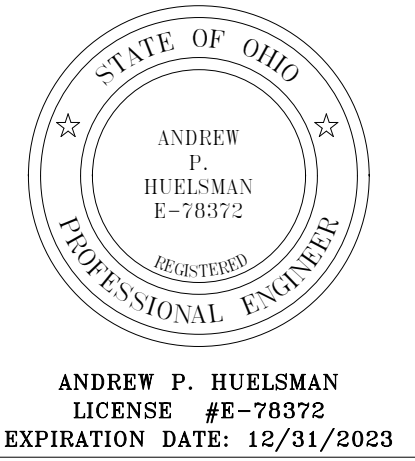
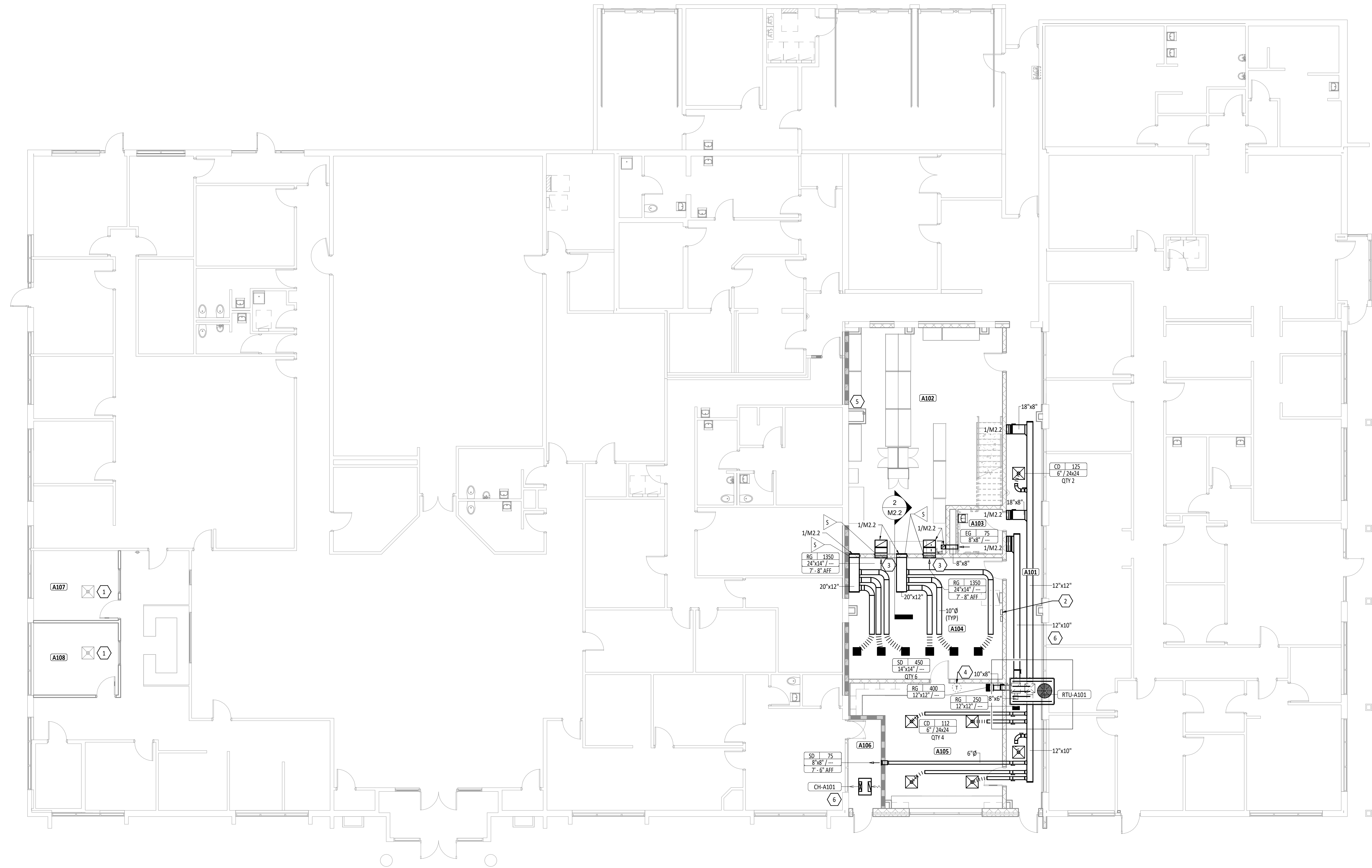
GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SHEET INDEX

FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	CORRIDOR	456 SF
A102	STORAGE	860 SF
A103	RESTROOM	54 SF
A104	SERVER ROOM	506 SF
A105	IT OFFICE	432 SF
A106	CORRIDOR	79 SF
A107	OFFICE	161 SF
A108	OFFICE	166 SF

HVAC GENERAL NOTES

- A DIVISION 23 MECHANICAL CONTRACTOR IS REQUIRED TO COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- B ALL EQUIPMENT LOCATED ABOVE CEILING REQUIRING MAINTENANCE SHALL BE INSTALLED WITHIN (2) FEET OF THE CEILING FOR MAINTENANCE PURPOSES. DO NOT INSTALL UNITS ABOVE LIGHTS AND CEILING SPEAKERS. COORDINATE LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLAN AND GENERAL CONTRACTOR.
- C ANY BALANCING DAMPERS OR OTHER DEVICES IN DUCTS ABOVE HARD CEILINGS SHALL BE LOCATED ABOVE NEAREST ACCESSIBLE CEILING.
- D THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.
- E ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.

#	KEYNOTE DESCRIPTION
1	EXISTING DIFFUSER TO BE REMOVED AND STORED ON SITE. EXISTING DIFFUSER SHALL BE PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO THE DIFFUSER SHALL BE REPAIRED AT NO COST TO THE OWNER. EXISTING DIFFUSER TO BE CLEANED AND REINSTALLED IN THIS APPROXIMATE LOCATION. PROVIDE NEW FLEXIBLE DUCT AS REQUIRED. COORDINATE LOCATION WITH ELECTRICAL AND GENERAL CONTRACTORS.
2	PROVIDE TECH ROOM COOLING UNIT TOUCH SCREEN CONTROL PANEL AND REMOTE TEMPERATURE/HUMIDITY SENSOR IN THIS APPROXIMATE LOCATION. CONTROL PANELS FOR BOTH UNITS TO COMMUNICATE TO ALLOW FOR LEAD-LAG CONTROL.
3	PROVIDE 1" ACOUSTICAL LINER IN DUCT FROM TECHNOLOGY COOLING UNIT UP TO THE RETURN GRILLE. DUCT SIZE/DIMENSIONS SHOWN IS FREE AREA REQUIRED AND DOES NOT INCLUDE THE LINER. ALL LINED DUCT AND FITTINGS SHALL BE DOUBLE-WALLED WITH PERFORATED INTERIOR.
4	PROVIDE 7-DAY PROGRAMMABLE, TOUCHSCREEN THERMOSTAT FOR ROOFTOP UNIT.
5	EXISTING CONDENSATE DRAIN LINE DRAINING TO EXTERIOR TO BE RELOCATED TO SERVICE SINK IN JANITOR CLOSET IN EXISTING BUILDING. TERMINATE ABOVE FLOOD RIM. CUT END OF PIPE AT 45 DEGREE ANGLE.
6	EXISTING CONDENSATE DRAIN LINE DRAINING TO EXTERIOR TO BE RELOCATED. ROUTE CONDENSATE LINE ABOVE NEW CEILING TO AND DOWN CHASE FOR ROOF DRAIN PIPING IN A105. DRAIN TO EXTERIOR.



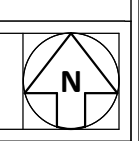
**TIPP CITY GOVERNMENT
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SHEET TITLE:
**FIRST FLOOR
MECHANICAL PLAN**

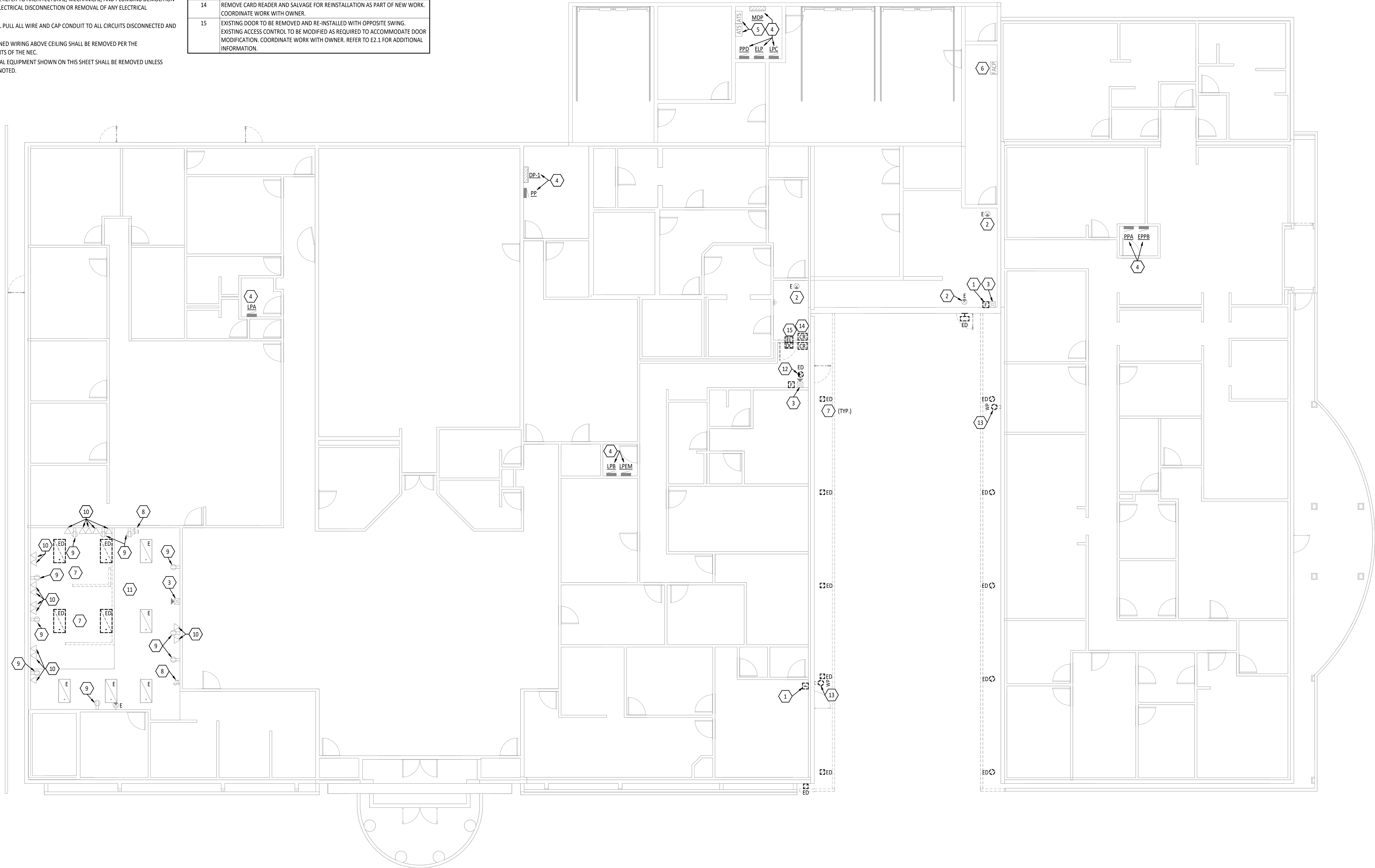
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M2.1



ELECTRICAL DEMOLITION GENERAL NOTES

- A FIELD VERIFY ALL DIMENSIONS & CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
- B ALL WORK PERFORMED IS SUBJECT TO APPROVAL BY THE ARCHITECT AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- C ALL ITEMS AND MATERIAL NOTED AS "REMOVE" SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR OFF SITE. COORDINATE REMOVAL OF ITEMS WITH OWNER. OWNER HAS THE OPTION TO CLAIM ANY REMOVED ITEMS.
- D TEMPORARILY SUPPORT ALL EQUIPMENT, CONDUIT, ETC. AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE.
- E CLOSELY COORDINATE ALL WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
- F CONDUITS, BOXES, AND CIRCUIT BREAKERS MAY BE REUSED WHERE POSSIBLE, IF NOT, MODIFY AS NEEDED FOR NEW WORK.
- G DIV. 26 SHALL REFER TO ARCHITECTURAL, MECHANICAL, AND PLUMBING DEMOLITION PLANS FOR ELECTRICAL DISCONNECTION OR REMOVAL OF ANY ELECTRICAL EQUIPMENT.
- H DIV. 26 SHALL PULL ALL WIRE AND CAP CONDUIT TO ALL CIRCUITS DISCONNECTED AND NOT REUSED.
- I ALL ABANDONED WIRING ABOVE CEILING SHALL BE REMOVED PER THE REQUIREMENTS OF THE NEC.
- J ALL ELECTRICAL EQUIPMENT SHOWN ON THIS SHEET SHALL BE REMOVED UNLESS OTHERWISE NOTED.

#	KEYNOTE DESCRIPTION
1	REMOVE FIRE ALARM MANUAL PULL STATION AND SALVAGE FOR REINSTALLATION AS PART OF NEW WORK.
2	EXISTING LIGHT FIXTURE TO REMAIN.
3	EXISTING FIRE ALARM NOTIFICATION APPLIANCE TO REMAIN.
4	EXISTING ELECTRICAL PANELBOARD TO REMAIN. MODIFY TO ACCOMMODATE NEW WORK AS REQUIRED.
5	EXISTING AUTOMATIC TRANSFER SWITCH TO REMAIN.
6	EXISTING FIRE ALARM CONTROL PANEL TO REMAIN.
7	LIGHTS TAGGED 'ED' IN THIS SPACE ARE EXISTING TO BE REMOVED. SALVAGE CIRCUITRY FOR NEW LIGHT FIXTURES AS SHOWN ON DETAIL 2/E3.1.
8	EXISTING LIGHT SWITCH TO REMAIN.
9	EXISTING RECEPTACLE TO REMAIN.
10	EXISTING DATA DEVICE TO REMAIN.
11	LIGHTS TAGGED 'E' IN THIS ROOM ARE EXISTING TO REMAIN.
12	REMOVE LIGHT FIXTURE AND ASSOCIATED CIRCUITRY.
13	REMOVE RECEPTACLE AND ASSOCIATED CIRCUITRY.
14	REMOVE CARD READER AND SALVAGE FOR REINSTALLATION AS PART OF NEW WORK. COORDINATE WORK WITH OWNER.
15	EXISTING DOOR TO BE REMOVED AND RE-INSTALLED WITH OPPOSITE SWING. EXISTING ACCESS CONTROL TO BE MODIFIED AS REQUIRED TO ACCOMMODATE DOOR MODIFICATION. COORDINATE WORK WITH OWNER. REFER TO E2.1 FOR ADDITIONAL INFORMATION.



ANDREW P. HUELSMAN
 LICENSE #E-78372
 EXPIRATION DATE: 12/31/2023



**TIPP CITY GOVERNMENT
 BUILDING INFILL**

200 SOUTH GARBER DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS

BID DOCUMENTS	02/02/2023
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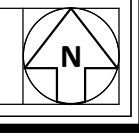
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	AEM	CDS

SHEET TITLE:

**ELECTRICAL
 DEMOLITION PLAN**

SHEET NUMBER:

ED1.1



SYSTEMS GENERAL NOTES

- A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.
- B ALL LOW VOLTAGE CABLING FOR THE SCOPE OF WORK BY DIVISION 26, 27, AND 28 IN EXPOSED CEILING SPACES SHALL BE ROUTED INSIDE CONDUIT. COORDINATE WITH INSTALLER OF EACH SYSTEM PRIOR TO ROUGH-IN. PAINT CONDUIT TO MATCH SURROUNDING AREA.
- C CONDUIT IN EXPOSED CEILING SPACES SHALL BE CONCEALED INSIDE WALLS. EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN JOIST SPACE NEAR ROOF.
- D ALL CONDUIT ENDS FOR CABLING NOT CONNECTED TO A BOX OR FITTING SHALL BE PROVIDED WITH NYLON BUSHINGS TO PROTECT CABLING FROM DAMAGE.
- E ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

#	KEYNOTE DESCRIPTION
1	EXISTING FIRE ALARM NOTIFICATION APPLIANCE TO REMAIN.
2	EXISTING FIRE ALARM CONTROL PANEL TO REMAIN.
3	REINSTALL FIRE ALARM MANUAL PULL STATION (SALVAGED FROM DEMOLITION WORK), AND RECONNECT TO FIRE ALARM CIRCUIT AS BEFORE.
4	PROVIDE FIRE ALARM CONNECTIONS TO FIRE SUPPRESSION SYSTEM. FIRE SUPPRESSION SYSTEM SHALL BE TRIGGERED BY LOCAL SMOKE DETECTOR AND HEAT DETECTOR. COORDINATE WORK WITH SYSTEM INSTALLER.
5	EXISTING DATA DEVICE TO REMAIN.
6	PROVIDE ROUGH-IN FOR CARD READER AT 44" AFF. COORDINATE REQUIREMENTS WITH OWNER.
7	LOW VOLTAGE ELECTRIC STRIKE PROVIDED BY OWNER. ELECTRICAL CONTRACTOR TO PROVIDE BACK BOXES, RACEWAYS, BUSHINGS AND PULL STRINGS FOR CABLING FROM ABOVE ACCESSIBLE CEILING TO ELECTRIC STRIKE IN DOOR FRAME. CABLING BY OWNER. COORDINATE WITH DOOR HARDWARE INSTALLER AND OWNER. REFERENCE DETAIL 5/E1.1 FOR ROUGH-IN INFORMATION.
8	REINSTALL CARD READER, SALVAGED FROM DEMOLITION WORK, IN THIS LOCATION. MODIFY AND EXTEND CONDUIT AS REQUIRED FOR NEW DOOR SWING. CABLING BY OWNER. COORDINATE WORK WITH OWNER.
9	MODIFY AND EXTEND CONDUIT AS REQUIRED FOR ACCESS CONTROL FOR NEW DOOR SWING. CABLING BY OWNER. COORDINATE WORK WITH OWNER.

FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	CORRIDOR	456 SF
A102	STORAGE	860 SF
A103	RESTROOM	54 SF
A104	SERVER ROOM	506 SF
A105	IT OFFICE	432 SF
A106	CORRIDOR	79 SF
A107	OFFICE	161 SF
A108	OFFICE	166 SF



ANDREW P. HUELSMAN
 LICENSE #E-78372
 EXPIRATION DATE: 12/31/2023



**TIPP CITY GOVERNMENT
 BUILDING INFILL**

200 SOUTH GARBER DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS

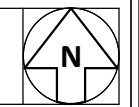
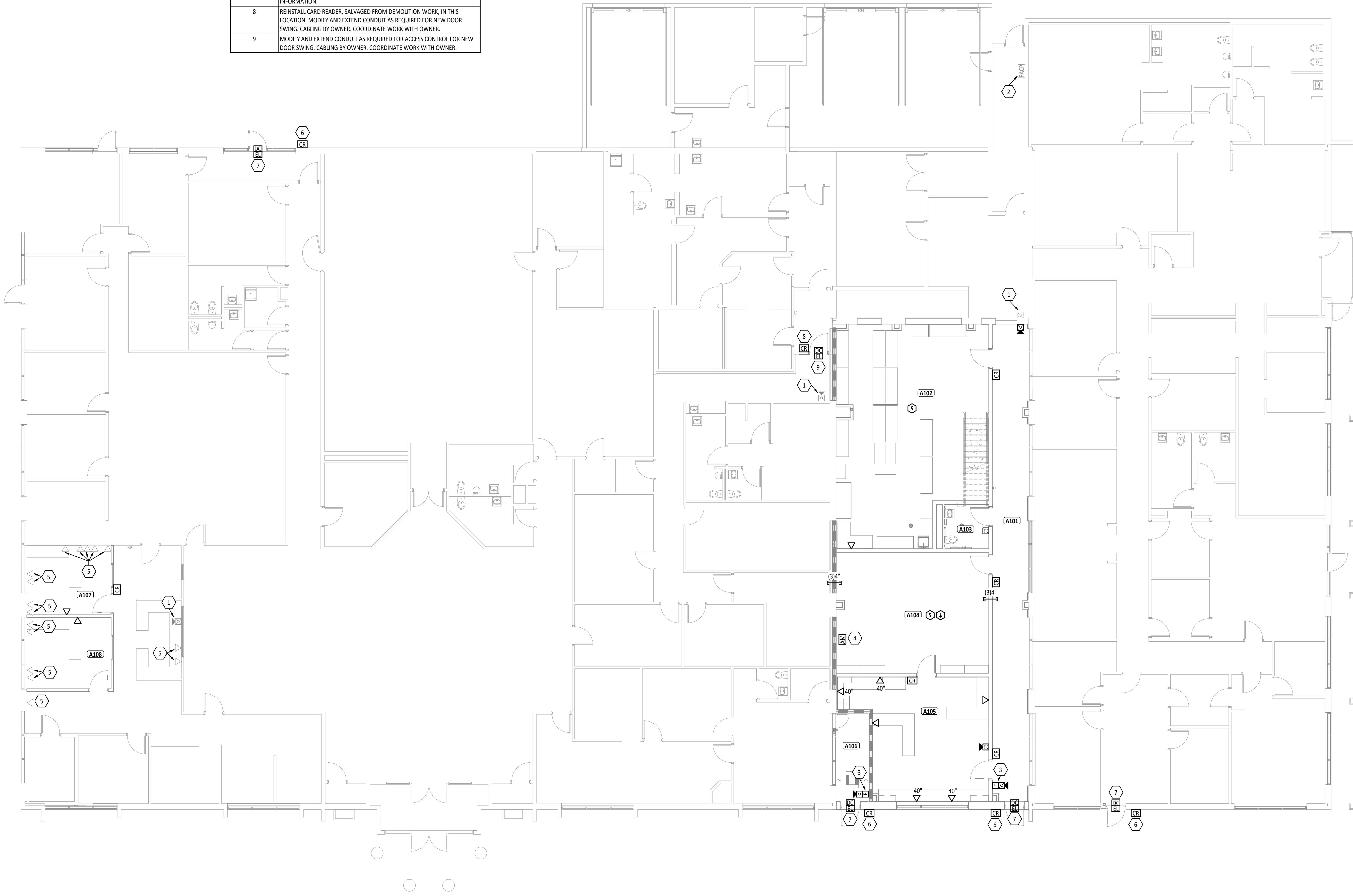
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22094.00	AEM	CDS

SHEET TITLE:

**FIRST FLOOR
 SYSTEMS PLAN**

SHEET NUMBER:
E2.1



LIGHTING GENERAL NOTES

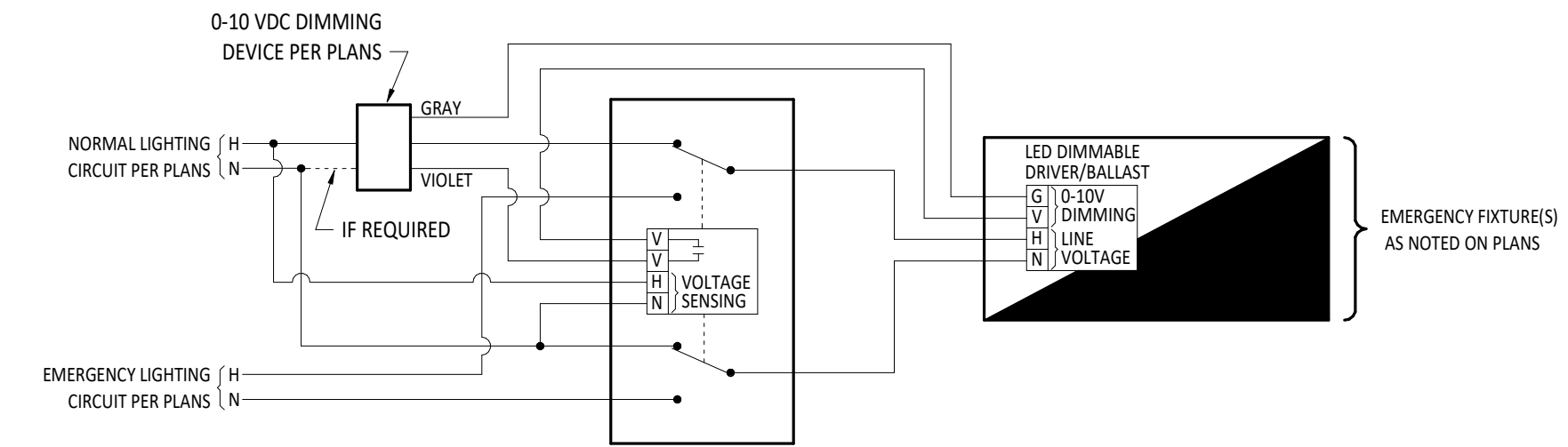
- A REFER TO ARCHITECTURAL REFLECTED CEILING PLANS ON THE A7 SERIES DRAWINGS FOR ADDITIONAL INFORMATION AND EXACT LOCATION OF LUMINAIRES.
- B VERIFY EXACT LOCATION OF ALL LIGHT SWITCHES AND CONTROLS DEVICES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- C WHERE MULTIPLE SWITCHES ARE GROUPED TOGETHER AT A SINGLE LOCATION, ALL SWITCHES SHALL BE INSTALLED UNDER A COMMON FACEPLATE.
- D CIRCUIT ALL EMERGENCY LIGHTS, NIGHT LIGHTS (IF APPLICABLE) AND EXIT LIGHTS TO AN UNSWITCHED HOT CONDUCTOR, UPSTREAM OF ALL CONTROLS.
- E REFER TO SHEET E6.1 FOR LUMINAIRE SCHEDULE AND ADDITIONAL INFORMATION.
- F ALL LIGHTING CONTROL DEVICES, RELAYS, ETC. ABOVE LAY-IN CEILINGS SHALL BE MARKED WITH A BLACK 3/4" DIAMETER, PRESSURE-SENSITIVE ADHESIVE PAPER CIRCLE.
- G ALL MOUNTING HEIGHTS REFER TO BOTTOM OF LIGHT FIXTURE, UNO.

#	KEYNOTE DESCRIPTION
1	LIGHTS TAGGED 'E' IN THIS ROOM ARE EXISTING TO REMAIN.
2	EXISTING LIGHT SWITCH TO REMAIN.
3	EXISTING LIGHT FIXTURE TO REMAIN.
4	CONTRACTOR SHALL PROVIDE EMERGENCY CIRCUIT INDICATED TO FIXTURE, EMERGENCY TRANSFER DEVICE AND ALL ASSOCIATED COMPONENTS NECESSARY FOR EMERGENCY LIGHT FIXTURE AS SHOWN IN DETAIL 2/E3.1.
5	CONNECT TO EXISTING 120V LIGHTING CIRCUIT AND CONTROL PREVIOUSLY SERVING EXTERIOR LIGHTING IN THIS AREA MADE AVAILABLE FROM DEMOLITION WORK. MODIFY AND EXTEND CONDUIT/WIRING AS NECESSARY.
6	REFER TO DETAIL 2/ES.2 FOR CIRCUIT CONTINUATION.
7	REFER TO DETAIL 3/ES.2 FOR CIRCUIT CONTINUATION TO EXHAUST FAN EF-A101.
8	EXISTING ELECTRICAL PANELBOARD TO REMAIN. MODIFY TO ACCOMMODATE NEW WORK AS REQUIRED.
9	CONNECT TO EXISTING LIGHTING CIRCUIT PREVIOUSLY SERVING AREA. MODIFY AND EXTEND WIRING AS REQUIRED. REFERENCE ED1.1 FOR ADDITIONAL INFORMATION.
10	CONNECT SWITCH TO LOAD SIDE OF OCCUPANCY SENSOR/POWER PACK FOR VACANCY CONTROL.

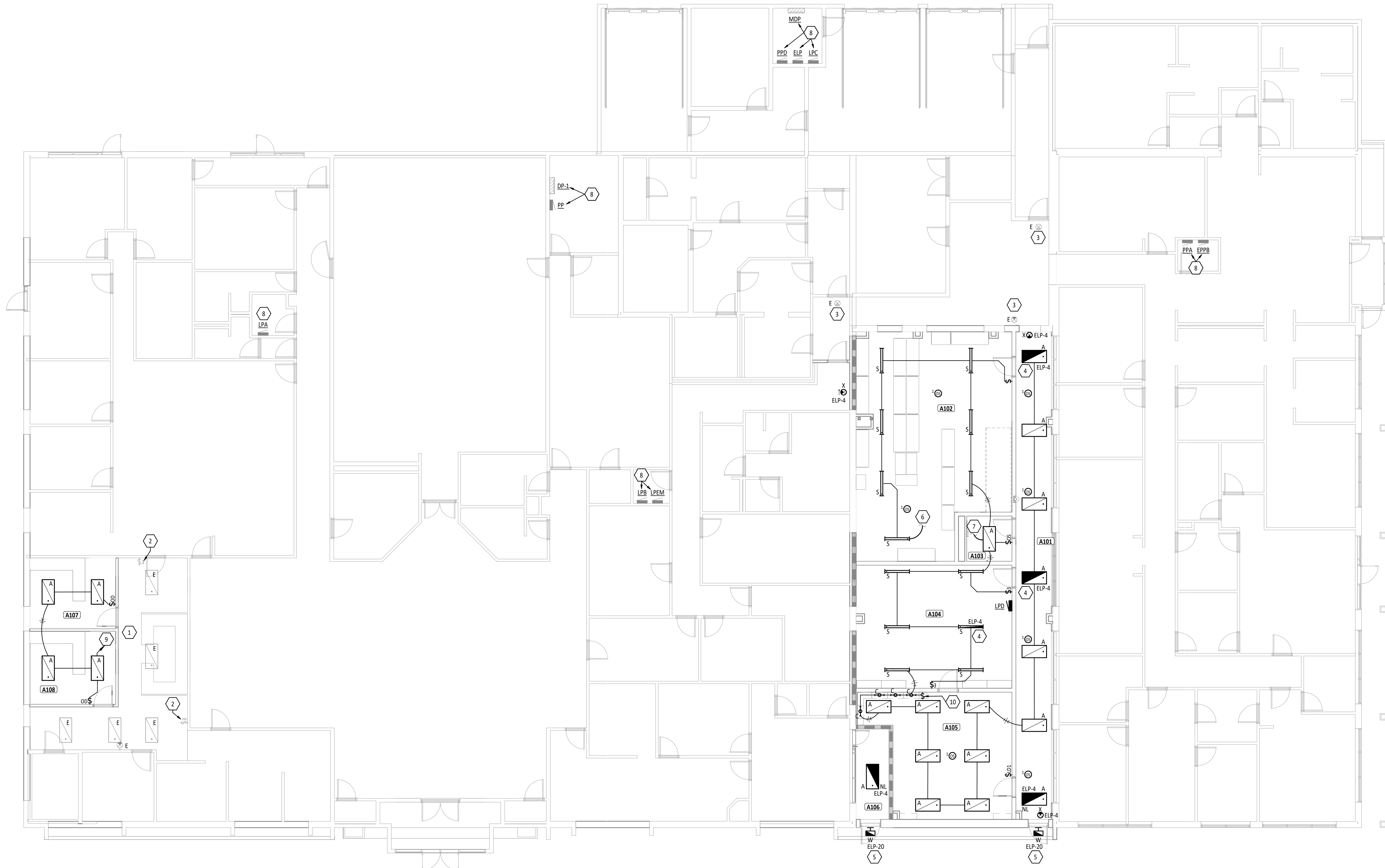
FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	CORRIDOR	456 SF
A102	STORAGE	860 SF
A103	RESTROOM	54 SF
A104	SERVER ROOM	506 SF
A105	IT OFFICE	432 SF
A106	CORRIDOR	79 SF
A107	OFFICE	161 SF
A108	OFFICE	166 SF

OPERATION:

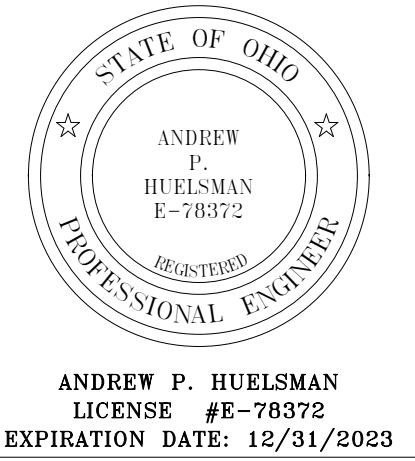
- ALL SWITCHING SHALL BE ON THE NORMAL CIRCUIT PRIOR TO THE GENERATOR TRANSFER DEVICE. ALL EMERGENCY LIGHTS SHALL RETURN TO FULL BRIGHTNESS WHEN LOSS OF NORMAL POWER IS DETECTED.
- WIRE PER MANUFACTURER'S WRITTEN INSTRUCTIONS.



2 LIGHTING CONTROL SCHEMATIC - GENERATOR TRANSFER DEVICE
E3.1 NTS



1 FIRST FLOOR LIGHTING PLAN
E3.1 1/8" = 1'-0"



ANDREW P. HUELSMAN
LICENSE #E-78372
EXPIRATION DATE: 12/31/2023



**TIPP CITY GOVERNMENT
BUILDING INFILL**

200 SOUTH GARBER DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS

BID DOCUMENTS	02/02/2023
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SHEET TITLE:
**FIRST FLOOR
LIGHTING PLAN**

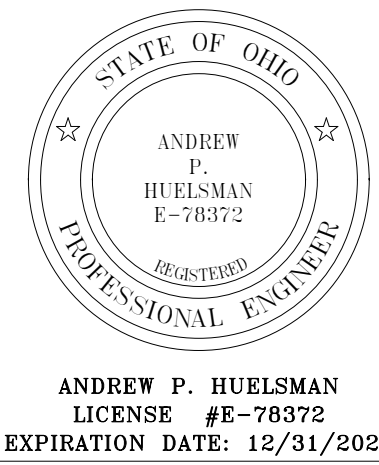
SHEET NUMBER:
E3.1

POWER GENERAL NOTES

- A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE, REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.
- B CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.
- C ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.
- D COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.
- E REFER TO MECHANICAL, PLUMBING, AND OTHER APPLICABLE DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.
- F MAINTAIN ALL FIRE RATINGS WHERE CONDUIT PENETRATES WALL, CEILINGS, AND FLOORS WITH ONLY UL LISTED FIRE ASSEMBLIES.
- G ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

#	KEYNOTE DESCRIPTION
1	EXISTING ELECTRICAL PANELBOARD TO REMAIN. MODIFY TO ACCOMMODATE NEW WORK AS REQUIRED.
2	EXISTING AUTOMATIC TRANSFER SWITCH TO REMAIN.
3	EXISTING RECEPTACLE TO REMAIN.
4	CONNECT TO EXISTING 120V RECEPTACLE CIRCUIT PREVIOUSLY SERVING THIS AREA.
5	PROVIDE 120V POWER CONNECTION TO TECHNOLOGY ROOM FIRE SUPPRESSION SYSTEM. COORDINATE WORK WITH SYSTEM INSTALLER.
6	REFER TO DETAIL 3/ES.2 FOR CIRCUIT CONTINUATION.
7	PROVIDE WALL MOUNTED JUNCTION BOX MOUNTED AT 44" AFF WITH 100A, 208V, 1Ø CIRCUIT CAPPED FOR FUTURE UPS.
8	CABINET HEATER TO BE FLUSH MOUNTED IN CEILING. UNIT PROVIDED WITH INTEGRAL DISCONNECT. COORDINATE LOCATION AND WORK WITH MECHANICAL CONTRACTOR.
9	PROVIDE 120V ELECTRICAL CONNECTION TO SMOKE DAMPERS. COORDINATE LOCATION AND ELECTRICAL REQUIREMENTS WITH MECHANICAL CONTRACTOR.

FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	CORRIDOR	456 SF
A102	STORAGE	860 SF
A103	RESTROOM	54 SF
A104	SERVER ROOM	506 SF
A105	IT OFFICE	432 SF
A106	CORRIDOR	79 SF
A107	OFFICE	161 SF
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**TIPP CITY GOVERNMENT
BUILDING INFILL**

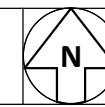
200 SOUTH GARBER DRIVE, TIPP CITY, OHIO

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	AEM	CDS

SHEET TITLE:
**FIRST FLOOR
POWER PLAN**

SHEET NUMBER:
E4.1



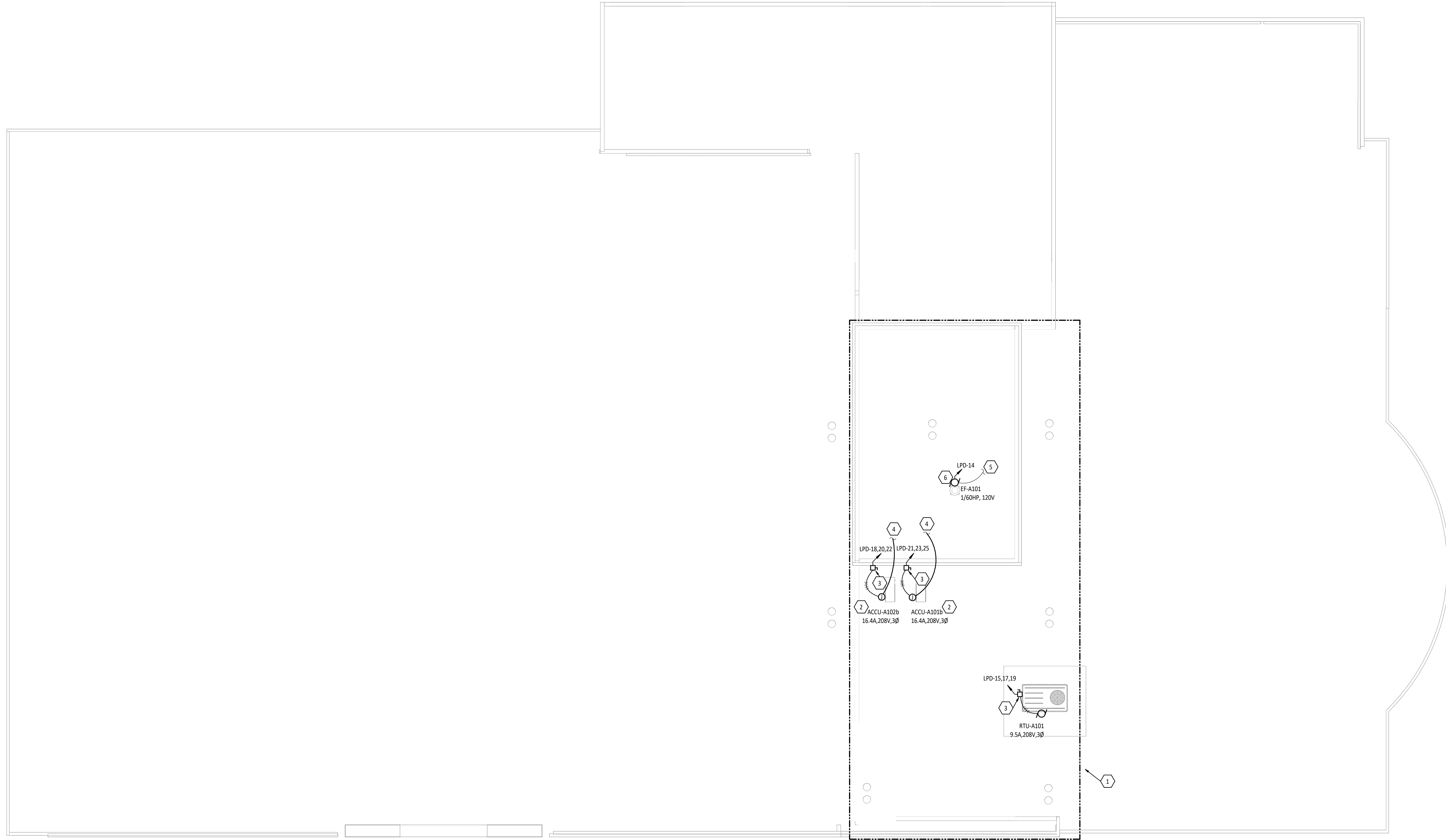


ANDREW P. HUELSMAN
 LICENSE #E-78372
 EXPIRATION DATE: 12/31/2023



**TIPP CITY GOVERNMENT
 BUILDING INFILL**

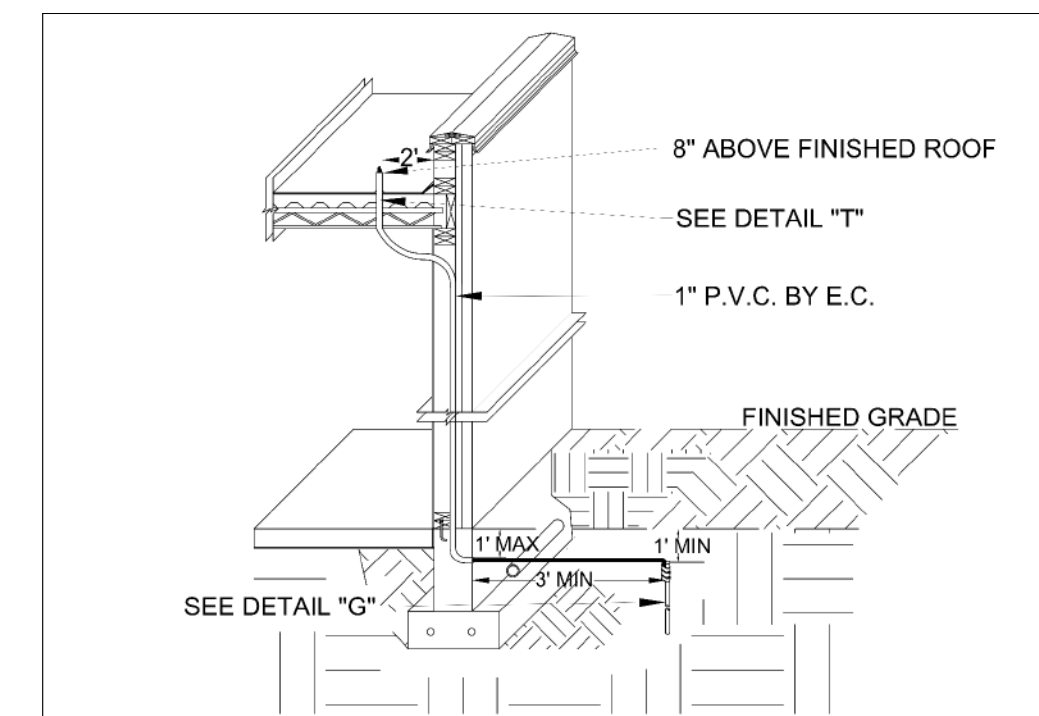
200 SOUTH GARBER DRIVE, TIPP CITY, OHIO



1 ROOF ELECTRICAL PLAN
 ES.1 1/8" = 1'-0"

- POWER GENERAL NOTES**
- A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE; REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.
 - B CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.
 - C ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.
 - D COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.
 - E REFER TO MECHANICAL, PLUMBING, AND OTHER APPLICABLE DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.
 - F MAINTAIN ALL FIRE RATINGS WHERE CONDUIT PENETRATES WALL, CEILINGS, AND FLOORS WITH ONLY U.L. LISTED FIRE ASSEMBLIES.
 - G ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

#	KEYNOTE DESCRIPTION
1	EXISTING LIGHTNING PROTECTION SYSTEM SHALL BE MODIFIED AND EXTENDED TO ADDITION. DESIGN AND INSTALLATION TO BE PROVIDED BY MAXWELL LIGHTNING SYSTEMS. REFER TO DETAIL 2/THIS SHEET FOR DOWNLEAD RACEWAY REQUIREMENTS. COORDINATE QUANTITY OF DOWNLEADS WITH SYSTEM INSTALLER.
2	MINI SPLIT A/C UNIT FOR MAIN CONTROL/EQUIPMENT ROOM. PROVIDE NECESSARY CONNECTIONS REQUIRED FOR UNIT. EXTEND CONTROL WIRING TO FAN COIL UNIT LOCATED IN MEZZANINE A201. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR.
3	PROVIDE 30A NONFUSED HEAVY DUTY DISCONNECT. PROVIDE A NEMA 3R ENCLOSURE FOR OUTDOOR LOCATIONS.
4	REFER TO DETAIL 3/ES.2 FOR CIRCUIT CONTINUATION.
5	REFER TO DETAIL 1/ES.1 FOR CIRCUIT CONTINUATION.
6	ROOFTOP MOUNTED EXHAUST FAN PROVIDED WITH INTEGRAL DISCONNECT. EXHAUST FAN SHALL TURN 'ON/OFF' WITH ROOM LIGHTS IN STORAGE A102. PROVIDE NECESSARY ROOF PENETRATIONS, CONDUIT, WIRE AND ELECTRICAL CONNECTIONS. COORDINATE WORK WITH MECHANICAL CONTRACTOR.



2 LIGHTNING PROTECTION DOWNLEAD DETAIL
 ES.1 NTS

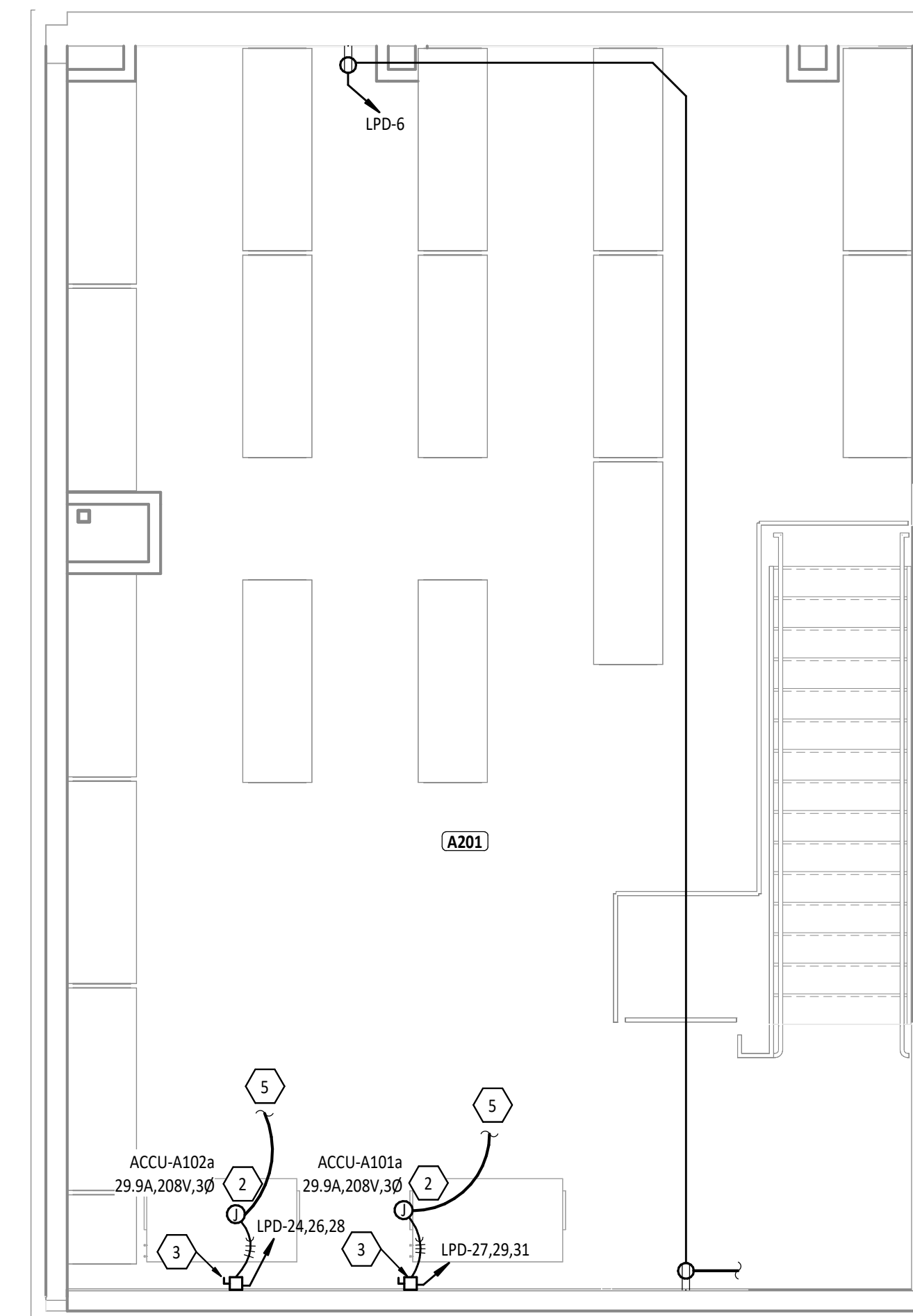
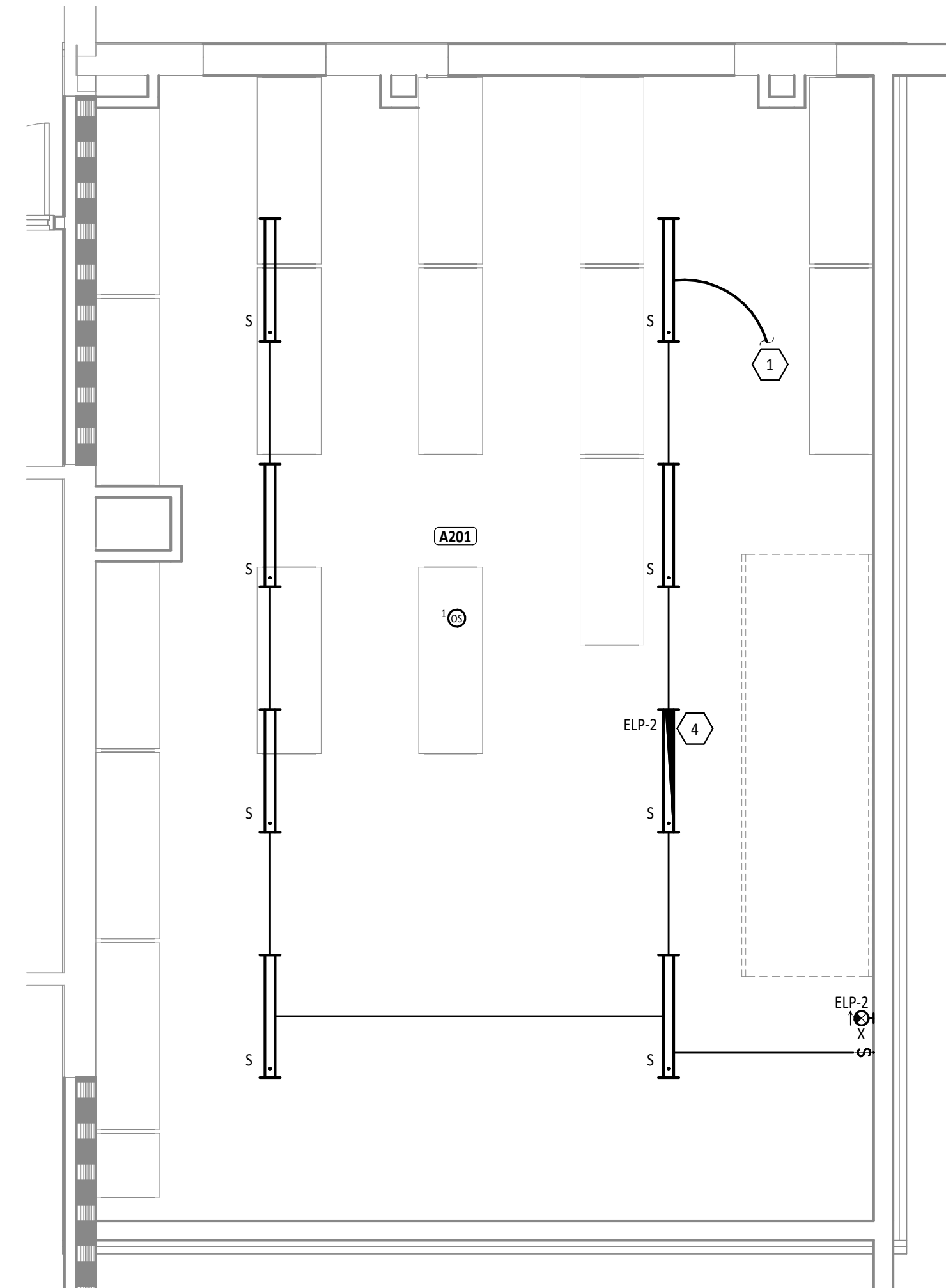
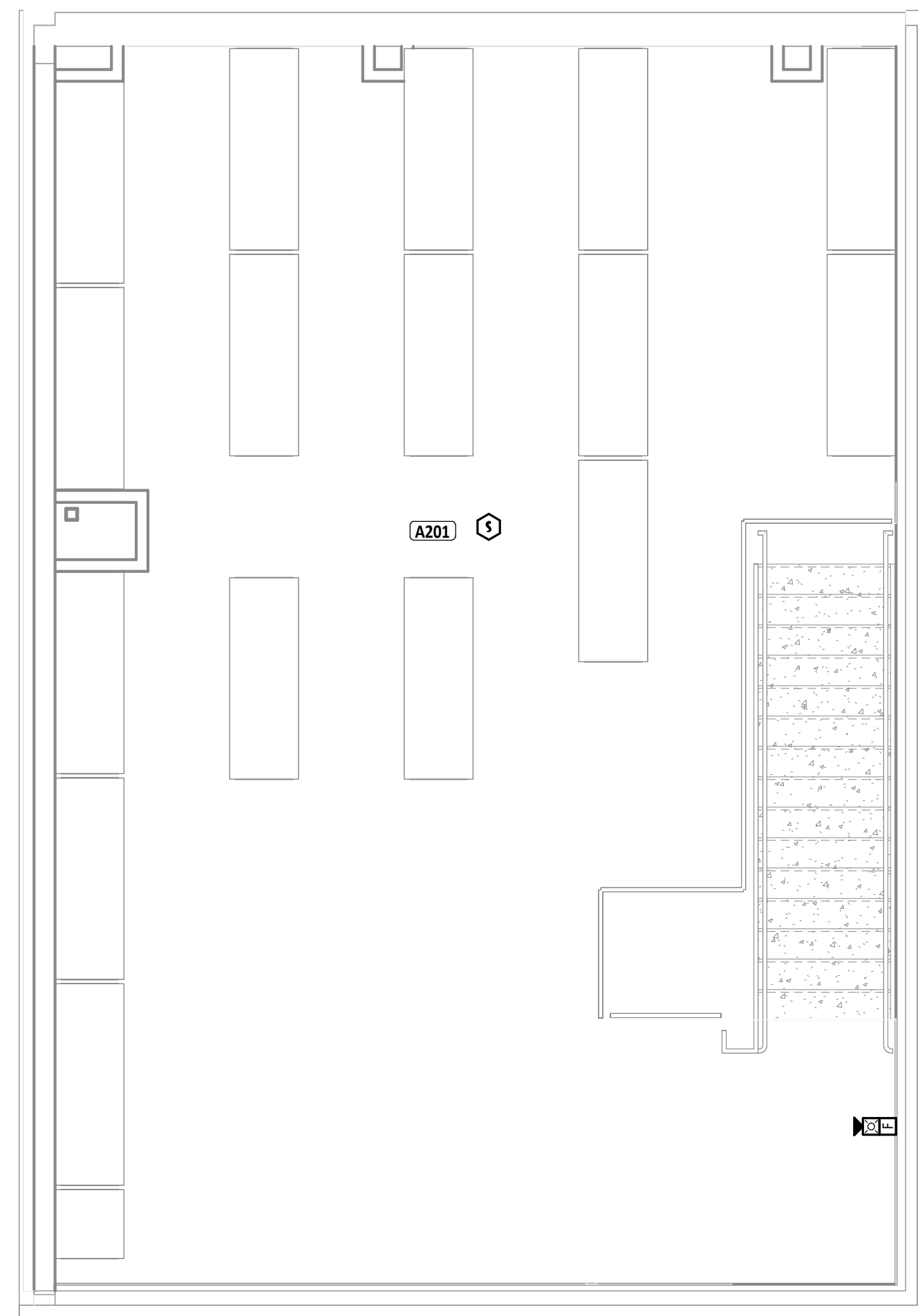
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ROOF ELECTRICAL PLAN

SHEET NUMBER:
E5.1



1
ES.2
MEZZANINE SYSTEMS PLAN
1/4" = 1'-0"

2
ES.2
MEZZANINE LIGHTING PLAN
1/4" = 1'-0"

3
ES.2
MEZZANINE POWER PLAN
1/4" = 1'-0"

SECOND FLOOR PLAN ROOM INDEX

ROOM NUMBER	ROOM NAME	AREA
A201	STORAGE	884 SF

SYSTEMS GENERAL NOTES

- A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE; REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.
- B ALL LOW VOLTAGE CABLING FOR THE SCOPE OF WORK BY DIVISION 26, 27, AND 28 IN EXPOSED CEILING SPACES SHALL BE ROUTED INSIDE CONDUIT. COORDINATE WITH INSTALLER OF EACH SYSTEM PRIOR TO ROUGH-IN. PAINT CONDUIT TO MATCH SURROUNDING AREA.
- C CONDUIT IN EXPOSED CEILING SPACES SHALL BE CONCEALED INSIDE WALLS. EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN JOIST SPACE NEAR ROOF.
- D ALL CONDUIT ENDS FOR CABLING NOT CONNECTED TO A BOX OR FITTING SHALL BE PROVIDED WITH NYLON BUSHINGS TO PROTECT CABLING FROM DAMAGE.
- E ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

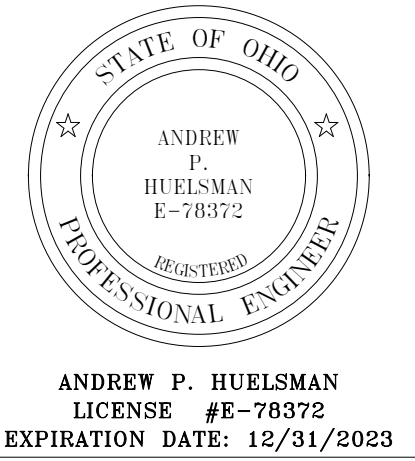
LIGHTING GENERAL NOTES

- A REFER TO ARCHITECTURAL REFLECTED CEILING PLANS ON THE A7 SERIES DRAWINGS FOR ADDITIONAL INFORMATION AND EXACT LOCATION OF LUMINAIRES.
- B VERIFY EXACT LOCATION OF ALL LIGHT SWITCHES AND CONTROLS DEVICES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- C WHERE MULTIPLE SWITCHES ARE GROUPED TOGETHER AT A SINGLE LOCATION, ALL SWITCHES SHALL BE INSTALLED UNDER A COMMON FACEPLATE.
- D CIRCUIT ALL EMERGENCY LIGHTS, NIGHT LIGHTS (IF APPLICABLE) AND EXIT LIGHTS TO AN UNSWITCHED HOT CONDUCTOR, UPSTREAM OF ALL CONTROLS.
- E REFER TO SHEET E6.1 FOR LUMINAIRE SCHEDULE AND ADDITIONAL INFORMATION.
- F ALL LIGHTING CONTROL DEVICES, RELAYS, ETC. ABOVE LAY-IN CEILINGS SHALL BE MARKED WITH A BLACK 3/4" DIAMETER, PRESSURE-SENSITIVE ADHESIVE PAPER CIRCLE.
- G ALL MOUNTING HEIGHTS REFER TO BOTTOM OF LIGHT FIXTURE, UNO.

POWER GENERAL NOTES

- A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE; REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.
- B CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.
- C ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.
- D COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.
- E REFER TO MECHANICAL, PLUMBING, AND OTHER APPLICABLE DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.
- F MAINTAIN ALL FIRE RATINGS WHERE CONDUIT PENETRATES WALL, CEILINGS, AND FLOORS WITH ONLY U.L. LISTED FIRE ASSEMBLIES.
- G ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

#	KEYNOTE DESCRIPTION
1	REFER TO DETAIL 1/E3.1 FOR CIRCUIT CONTINUATION.
2	MINI SPLIT AC UNIT FOR MAIN CONTROL/EQUIPMENT ROOM. PROVIDE NECESSARY CONNECTIONS REQUIRED FOR UNIT. EXTEND CONTROL WIRING TO CONDENSING UNIT LOCATION ON ROOF. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR.
3	PROVIDE 60A NONFUSED HEAVY DUTY DISCONNECT. PROVIDE A NEMA 3R ENCLOSURE FOR OUTDOOR LOCATIONS.
4	CONTRACTOR SHALL PROVIDE EMERGENCY CIRCUIT INDICATED TO FIXTURE, EMERGENCY TRANSFER DEVICE AND ALL ASSOCIATED COMPONENTS NECESSARY FOR EMERGENCY LIGHT FIXTURE AS SHOWN IN DETAIL 2/E3.1.
5	REFER TO SHEET ES.1 FOR CIRCUIT CONTINUATION.



TIPP CITY GOVERNMENT
BUILDING INFILL

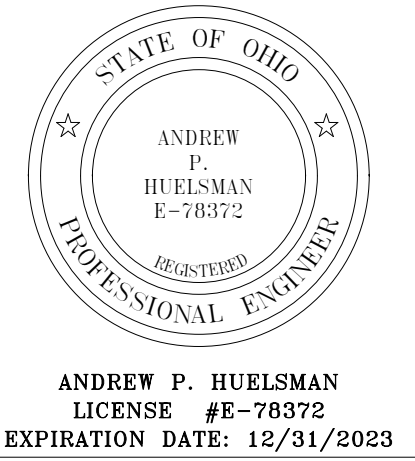
ISSUANCES/REVISIONS	
BID DOCUMENTS	02/02/2023

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
22094.00	AEM	CDS

SHEET TITLE:
MEZZANINE
ELECTRICAL PLANS

SHEET NUMBER:
E5.2

LUMINAIRE SCHEDULE												
MARK	MOUNTING	LAMPS				BALLAST/DRIVER	FIXTURE VOLTAGE	INPUT WATTS	FIXTURE DESCRIPTION	COMMENTS	BASIS OF DESIGN & APPROVED MANUFACTURERS	
		TYPE	MIN. LUMENS	CCT	CRI							
A	RECESSED	LED	4000 lm	5000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	36 W	2'X4' LED FLAT PANEL, RECESSED IN GRID, FIELD SELECTABLE LUMEN OUTPUT AND COLOR TEMPERATURE, WHITE FINISH, CSA DAMP LOCATION LISTED.	LUMENS SHALL BE FIELD SET TO 4000 LM. COLOR TEMPERATURE SHALL BE FIELD SET TO 5000K.	LITHONIA CPANL 2X4 ALOG SWW7 M2 COLUMBIA CFP24-LSCS SERIES METALLUX FPS SERIES DAY-BRITE 25BP3550L8CS-4-UNV-DIM SERIES	
C	SURFACE	LED	800 lm	4000K	90 CRI	ELECTRONIC	120V	11 W	22" LED LINKABLE UNDERCABINET LIGHT, SWITCHABLE COLOR TEMPERATURE, SLIM 1" HOUSING, LIGHT BAR PROVIDED WITH 20 DEGREE SWIVEL, FROSTED ACRYLIC DIFFUSER, WHITE FINISH, UL LISTED.	COLOR TEMPERATURE SHALL BE FIELD SET TO 4000K. PROVIDE MOUNTING HARDWARE AND JOINER CABLES NECESSARY FOR NUMBER OF FIXTURES AS SHOWN ON PLANS.	JUNO LUPD 22IN SWWR 90CRI WH COLUMBIA CUC SERIES HALO HU11 SERIES ASD ASD-UCS SERIES	
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0 W	EXISTING FIXTURE TO REMAIN.			
ED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0 W	EXISTING FIXTURE TO BE DEMOLISHED.			
S	PENDANT	LED	5000 lm	5000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	28 W	4' LED STRIP LIGHT, FIELD SELECTABLE LUMEN OUTPUT AND COLOR TEMPERATURE, WHITE FINISH, CSA DAMP LOCATION LISTED.	PROVIDE HANGER CHAIN LENGTH NECESSARY TO MOUNT FLUSH WITH STRUCTURAL STEEL. LUMENS SHALL BE FIELD SET TO 5000 LM. COLOR TEMPERATURE SHALL BE FIELD SET TO 5000K.	LITHONIA CSS L48 AL03 MVOLT SWW3 80CRI COLUMBIA CSL SERIES METALLUX SLSTP SERIES DAY-BRITE SDS SERIES	
W	WALL	LED	2000 lm	5000K	80 CRI	0-10V DIMMING DOWN TO 10%	UNV	17 W	LED EXTERIOR WALL PACK, DIE-CAST ALUMINUM HOUSING, BLACK FINISH, CSA WET LOCATION LISTED.	MOUNT 4" ABOVE DOOR.	LITHONIA ARC1 LED P2 50K MVOLT DBLXD BEACON QSP1 SERIES INNUV COW SERIES FC LIGHTING FCW1038 SERIES	
X	CEILING/WALL	LED	N/A	N/A	N/A	N/A	UNV	3 W	LED EXIT LIGHT, WHITE THERMOPLASTIC HOUSING, RED LETTERING, U.L. LISTED.	CONNECT AHEAD OF LOCAL SWITCHING.	LITHONIA LQM S 3 R 120/277 COMPASS CAR SERIES SURELITES APX SERIES CHLORIDE VERW SERIES	



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SHEET TITLE:
LUMINAIRE SCHEDULE

SHEET NUMBER:
E6.1

