

SITE PLAN NOTES:

- LAYOUT THE DIMENSIONS SHOWN ARE TO THE FACE OF THE CURB AND INCLUDES THE OVERALL SIDEWALK WIDTH, WHERE APPLICABLE.
- ASPHALT SHALL BE CALCULATED BY WEIGHT (TONNAGE) USING THE SPECIFIED COMPACTED THICKNESS. PAVEMENTS WILL BE BASED ON THE TONNAGE PLACED AS ACCOUNTED FOR BY EACH DELIVERY TRUCK. FULL TIME ON-SITE OBSERVATION WILL BE PRESENT DURING ALL RELATED PAVING OPERATIONS.
- VEHICULAR TRAFFIC SHALL NOT BE PERMITTED ON THE SURFACE OF SUBBASE COURSE MATERIAL ONCE IT HAS BEEN FINE GRADED, COMPACTED, AND IS READY FOR PAVING. SUBBASE MATERIAL PREPARED FOR PAVING SHALL BE PAVED WITHIN THREE DAYS OF PREPARATION.
- SUBBASE MATERIAL AND THE VARIOUS ASPHALT CONCRETE MATERIALS CALLED FOR IN THESE DRAWINGS SHALL CONFORM WITH THE REFERENCED SECTION OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, "LATEST EDITION". CONSTRUCTION SHALL BE AS FURTHER SET FORTH IN THOSE SPECIFICATIONS AND AS OTHERWISE PROVIDED FOR IN THESE DRAWINGS.
- PLACE ASPHALT CONCRETE MIXTURE ON PREPARED SURFACE, SPREAD AND STRIKE-OFF USING A SELF-PROPELLED PAVING MACHINE, WITH VIBRATING SCREED. PLACEMENT IN INACCESSIBLE AND SMALL AREAS MAY BE BY HAND.
- JOINTS PROVIDE JOINTS BETWEEN OLD AND NEW PAVEMENT OR BETWEEN SUCCESSIVE DAYS WORK.
- TACK COAT SHALL BE APPLIED TO BINDER COURSE. TACK COAT SHALL CONFORM WITH THE FOLLOWING:
 - TACK COAT SHALL MEET THE MATERIAL REQUIREMENTS OF 702-90 ASPHALT EMULSION FOR TACK COAT OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, "LATEST EDITION" AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 407. TACK COAT SHALL BE IN ACCORDANCE WITH THOSE SPECIFICATIONS AND AS OTHERWISE PROVIDED FOR IN THESE DRAWINGS.
 - REMOVE LOOSE AND FOREIGN MATERIAL FROM ASPHALT SURFACE BEFORE PAVING NEXT COURSE. USE POWER BROOMS, BLOWERS OR HAND BROOM.
 - APPLY TACK COAT TO THE ASPHALT PAVEMENT SURFACES AND SURFACES OF CURBS, GUTTERS, MANHOLES, AND OTHER STRUCTURES PROJECTING INTO OR ABUTTING PAVEMENT. DRY TO A "TACKY" CONSISTENCY BEFORE PAVING.
 - TACK COAT ENTIRE VERTICAL SURFACE OF ABUTTING EXISTING PAVEMENT.
- CLEAN SURFACE AFTER COMPLETION OF PAVING AND SURFACING OPERATIONS. CLEAN SURFACES OF EXCESS OR SPILLED ASPHALT, GRAVEL OR STONE MATERIALS TO THE SATISFACTION OF THE ENGINEER.

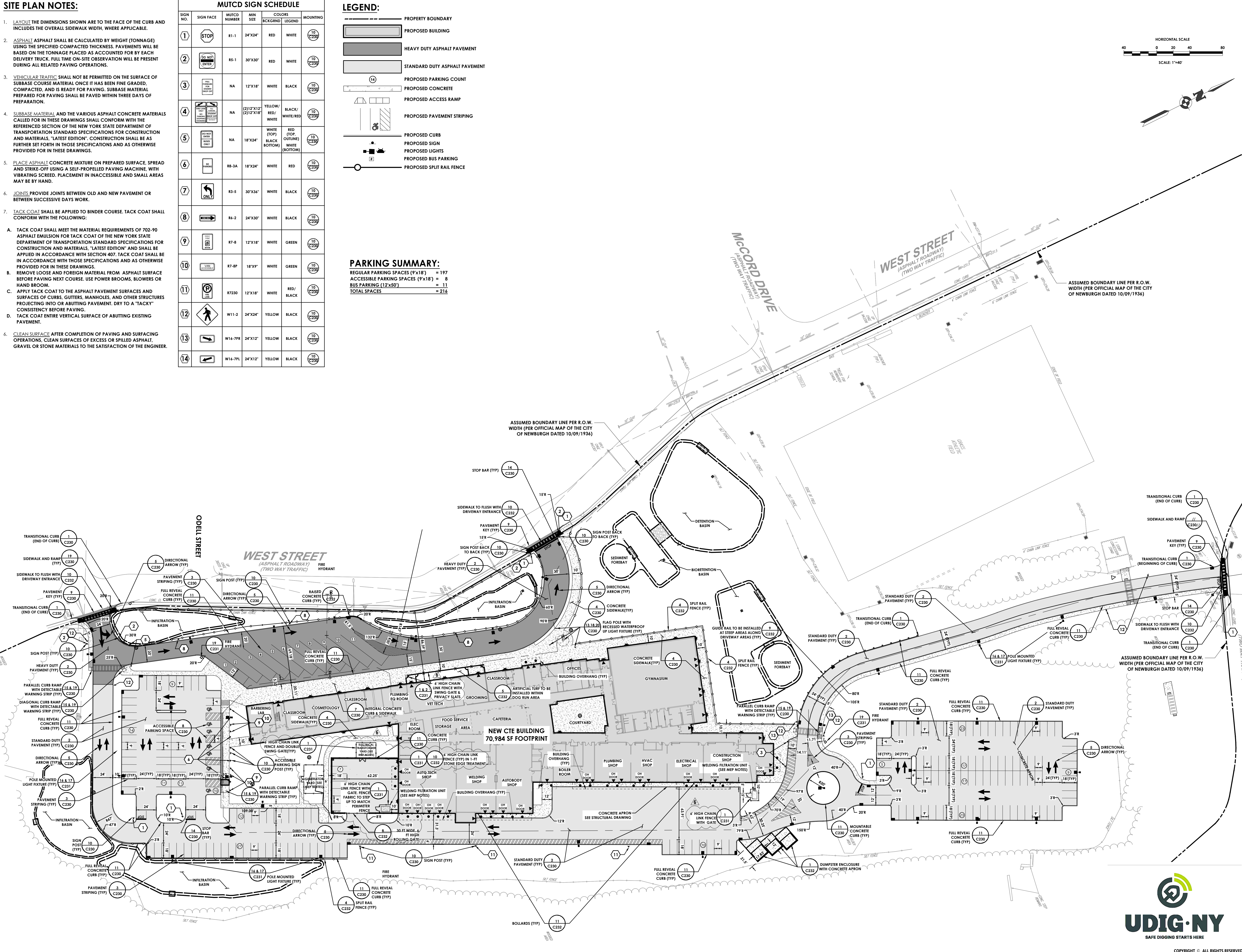
MUTCD SIGN SCHEDULE						
SIGN NO.	SIGN FACE	MUTCD NUMBER	MIN SIZE	COLORS BKG/FRONT	LEGEND	MOUNTING
1	STOP	R1-1	24"x24"	RED	WHITE	10 C230
2	DO NOT ENTER	R5-1	30"x30"	RED	WHITE	10 C230
3	PREPARE TO STOP	NA	12"x18"	WHITE	BLACK	10 C230
4	STOP HERE WHEN RED LIGHT GOES OUT	NA	(21)12"x12" (21)12"x18"	YELLOW/RED/WHITE	BLACK/WHITE/RED	10 C230
5	DO NOT ENTER	NA	18"x24"	WHITE (TOP) BLACK (BOTTOM)	RED (TOP, OUTLINE) WHITE (BOTTOM)	10 C230
6	NO LEFT TURN	R8-3A	18"x24"	WHITE	RED	10 C230
7	ONLY	R3-5	30"x36"	WHITE	BLACK	10 C230
8	ONE WAY	R4-2	24"x30"	WHITE	BLACK	10 C230
9	ONE WAY	R7-8	12"x18"	WHITE	GREEN	10 C230
10	ONE WAY	R7-8P	18"x18"	WHITE	GREEN	10 C230
11	P	R7230	12"x18"	WHITE	RED/BLACK	10 C230
12	WALK	W11-2	24"x24"	YELLOW	BLACK	10 C230
13	WALK	W16-7PR	24"x12"	YELLOW	BLACK	10 C230
14	WALK	W16-7PL	24"x12"	YELLOW	BLACK	10 C230

LEGEND:

- PROPERTY BOUNDARY
- PROPOSED BUILDING
- HEAVY DUTY ASPHALT PAVEMENT
- STANDARD DUTY ASPHALT PAVEMENT
- PROPOSED PARKING COUNT
- PROPOSED CONCRETE
- PROPOSED ACCESS RAMP
- PROPOSED PAVEMENT STRIPING
- PROPOSED CURB
- PROPOSED SIGN
- PROPOSED LIGHTS
- PROPOSED BUS PARKING
- PROPOSED SPLIT RAIL FENCE

PARKING SUMMARY:

REGULAR PARKING SPACES (9'x18') = 197
ACCESSIBLE PARKING SPACES (9'x18') = 8
BUS PARKING (12'x50') = 11
TOTAL SPACES = 216



NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING
CTE NEWBURGH

40 Beaver St., Albany, New York 12207-1511
518.483.8888 www.csarch.com
PASSERO
engineering architecture
CSARCH

Consultant

Project Title



NO.	DATE	DESCRIPTION
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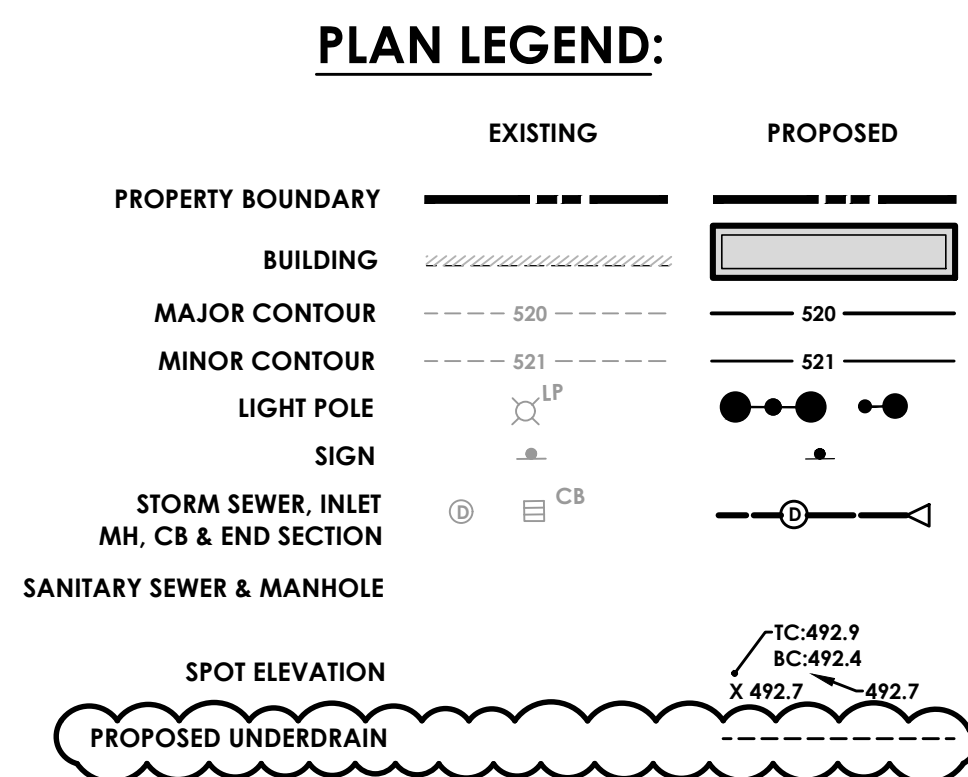
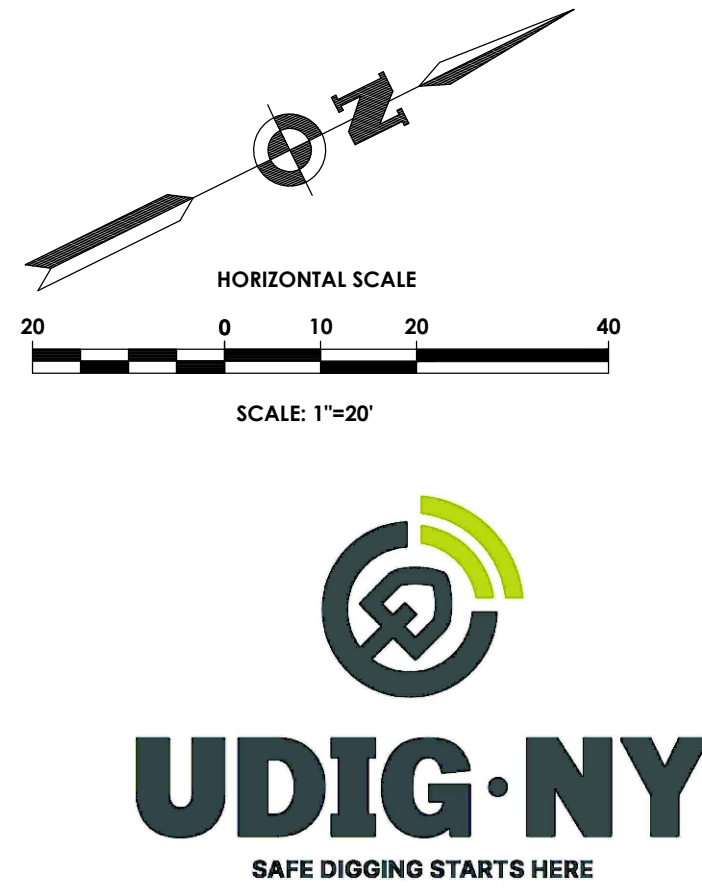
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CONSTRUCTION DOCUMENTS



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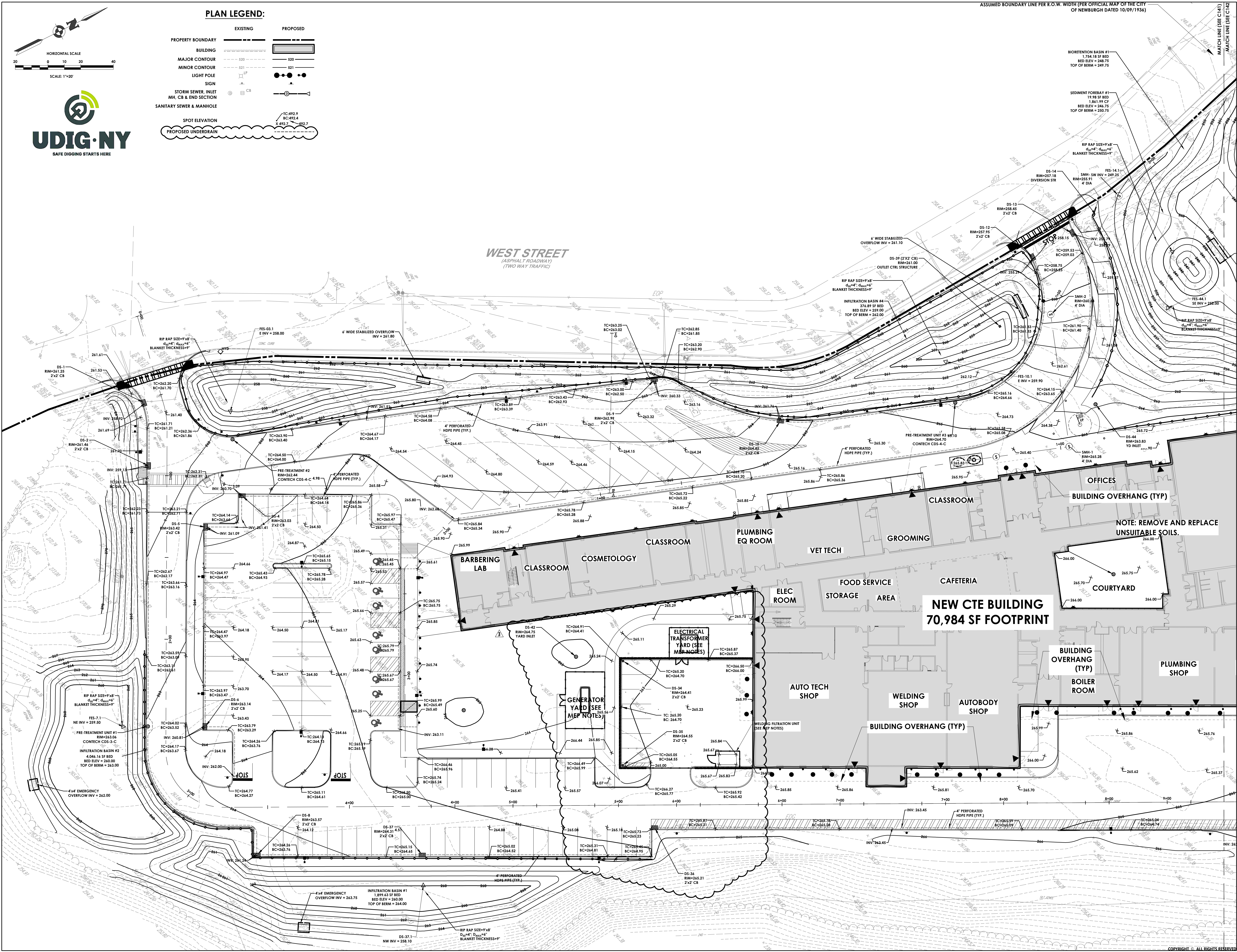


WEST STREET
(ASPHALT ROADWAY)
(TWO WAY TRAFFIC)

ASSUMED BOUNDARY LINE PER R.O.W. WIDTH (PER OFFICIAL MAP OF THE CITY OF NEWBURGH DATED 10/09/1936)

MATCH LINE (SEE C141)

MATCH LINE (SEE C142)



BIORETENTION BASIN #1
17,18 SF BED
BED ELEV = 248.75
TOP OF BERM = 250.75

SEDIMENT FOREBAY #1
17,18 SF BED
BED ELEV = 248.75
TOP OF BERM = 250.75

RIP RAP SIZE=9x8"
d₁₅=4", d₅₀=4"
BLANKET THICKNESS=9"

DS-14
RIM=257.18
2x2' CB

DS-13
RIM=256.45
2x2' CB

DS-12
RIM=257.95
2x2' CB

DS-39 (2'x2' CB)
OUTLET CTRL STRUCTURE

RIP RAP SIZE=9x8"
d₁₅=4", d₅₀=4"
BLANKET THICKNESS=9"

INFILTRATION BASIN #4
276.87 SF BED
BED ELEV = 259.00
TOP OF BERM = 262.00

DS-9
RIM=262.99
2x2' CB

DS-10
RIM=264.42
2x2' CB

DS-10-1
E INV = 259.90

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EXISTING

PROPOSED

PROPERTY BOUNDARY

BUILDING

MAJOR CONTOUR

MINOR CONTOUR

LIGHT POLE

SIGN

STORM SEWER, INLET

MH, CB & END SECTION

SANITARY SEWER & MANHOLE

WATER LINE

SANITARY SEWER

NATURAL GAS (SEE DWG. P101)

CTRC (SEE DWG. E5100 & E1111)

1. MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 10 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY FOR THE SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM DISSENTION C828-BE ENTITLED PRACTICE FOR LOW-PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES. SANITARY MANHOLES SHALL BE VISUALLY INSPECTED AND TESTED FOR LEAKAGE BY EXPLORATION AND TESTING. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: (1) VISUAL INSPECTION OF THE MANHOLE IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION - TECHNICAL INFORMATION PAMPHLET (TIP) NO. 15 (LATEST REVISION).
2. FLOOR DRAINS, IF CONSTRUCTED IN THE PROJECT, MUST BE CONNECTED TO THE SANITARY SEWER. NOTE: FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUND WATER. ALL DISCHARGES FROM THE FLOOR DRAINS TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
3. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BAR OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 92% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
4. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CLOSEST APPROXIMATION. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE SANITARY SEWER AND WATER MAINS SHALL BE 18 INCHES MEASURED FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OR JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.

1. PRIOR TO THE START OF UTILITY INSTALLATION THE SITE CONTRACTOR (AND ANY SUBSITe CONTRACTORS) IS RESPONSIBLE FOR COORDINATION OF ALL UTILITY CONNECTIONS WITH MECHANICAL/ARCHITECTURAL DRAWINGS FOR INCLUDING BUT NOT LIMITED TO: VERTICAL AND HORIZONTAL LOCATION, PENETRATIONS, AND SIZES. THE SITE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNER'S ONSITE REPRESENTATIVE UPON COMPLETION OF COORDINATION WITH SITE CONTRACTORS AND PLANS.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR COORDINATING GAS, ELECTRICAL, CABLE, TELEPHONE AND ANY OTHER UTILITIES NOT SPECIFICALLY SHOWN ON THE UTILITY SET WITH THE UTILITIES DEPARTMENT AND THE APPROPRIATE AGENCY. PASSERO ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE DESIGN OR PERFORMANCE OF UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET.
3. PRIOR TO THE START OF UTILITY INSTALLATION THE SITE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY AND COORDINATE WITH EXISTING UTILITIES SHOWN ON THE PLANS AND REPORT ANY DISCREPANCIES TO THE DESIGN ENGINEER. THE SITE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNER'S ONSITE REPRESENTATIVE UPON COMPLETION OF EXISTING UTILITY VERIFICATION.
4. UTILITY CROSSINGS THE SITE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATION OF EXISTING UTILITIES AT ALL PROPOSED CROSSINGS AND NOTIFY THE OWNERS ONSITE REPRESENTATIVE OF ANY CONFLICTS PRIOR TO UTILITY INSTALLATION. THE SITE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH INSTALLATION UPON UTILITY VERIFICATION COMPLETION.
5. FLUSH EXISTING STORM SEWER THE SITE CONTRACTOR SHALL FLUSH THE EXISTING STORM SEWER PRIOR TO PROJECT COMPLETION FOR REVIEW.
6. LATERSALS ALL STORM, SANITARY, WATER ETC. LATERSALS SHALL BE CONSTRUCTED TO 5' FROM THE FACE OF THE BUILDING. VERTICAL AND HORIZONTAL LOCATION SHALL BE COORDINATED WITH THE PLUMBING/MEP SITE CONTRACTORS.

WATER MAINS AND APPURTENANCES TO BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS AND SPECIFICATIONS OF THE ORANGE COUNTY DEPARTMENT OF HEALTH:

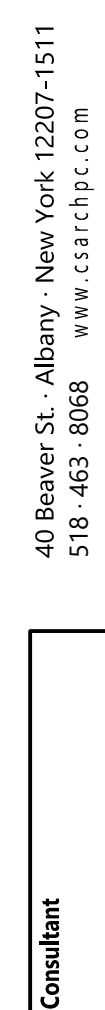
AWWA C104 STANDARDS.

- 2. WATER METER(S) AND BACKFLOW PREVENTION DEVICES SHALL BE LOCATED ON THE INTERIOR OF EACH BUILDING.**
- 3. ALL GATE VALVES SHALL HAVE STAINLESS STEEL BODY AND BONNET BOLTS.**

1. WATER MAINS SHALL BE PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA 605-13 WITH ENGINEER PRESENT.
2. WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-651. AFTER FLUSHING AND DISINFECTING WATER MAIN, CONSECUTIVE BACTERIOLOGICAL SAMPLES SHALL BE TAKEN. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. SAMPLE RESULTS MUST BE PROVIDED TO THE ORANGE COUNTY DEPARTMENT OF HEALTH AND APPROVAL MUST BE RECEIVED BEFORE THE WATER MAIN IS PLACED IN SERVICE.

INSTALLATION SHALL BE COMPLETED IN ACCORDANCE WITH RECOMMENDED STANDARDS FOR WATER WORKS (TEN STATE STANDARDS), LATEST EDITIONS AND AWWA STANDARDS, LATEST EDITION.

1. WATER MAINS AND ALL WATER SERVICE LINES SHALL HAVE A MINIMUM OF FIVE FEET OF COVER FROM FINISHED GRADE.
2. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN AND SEWER MAINS SHALL BE 18" MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SEWER MAINS SHALL BE TEN FEET MEASURED FROM THE OUTSIDE OF THE PIPES. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. WHERE A JOINT OCCURS UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWERS TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING ON AND BREAKING THE WATER MAINS.
3. FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED WHEN GROUND WATER IS ENCOUNTERED WITHIN SEVEN FEET OF FINISHED GRADE.
4. ALL MECHANICAL JOINT FITTINGS (TEES, BENDS, PLUGS, ETC.) SHALL BE BACKED WITH 2500 PSI CONCRETE TRUST BLOCKS.



NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING
CTE NEWBURGH

Project Title



6	6/6/2024	ED ADDENDUM #6
5	5/25/2024	ED ADDENDUM #5
4	5/20/2024	ED ADDENDUM #4
3	5/11/2024	ED ADDENDUM #3
2	5/3/2024	ED ADDENDUM #2
	DATE	DESCRIPTION

Drawn By:	MP
Checked By:	SK
Proj. #:	14-16-00-01-0-053-00
CSArch Proj. #:	108-200
Issued for Bid:	4/5/2024

Sheet Title

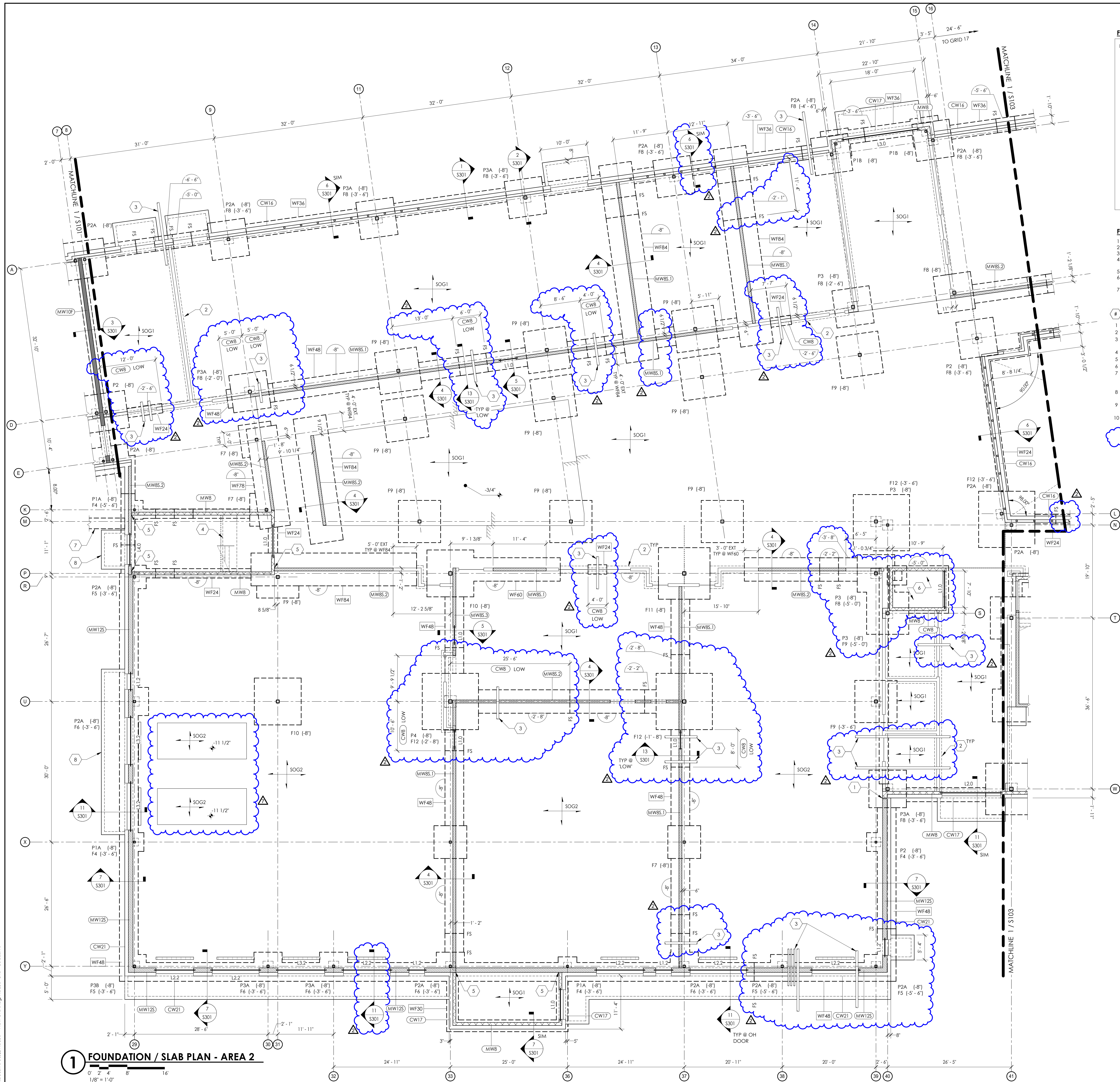
UTILITY PLAN

Sheet No.

CTE
C150

CONSTRUCTION DOCUMENTS





FOUNDATION LEGEND

- F# (-#'-#") F# - DENOTES FOOTING MARK (SEE FOOTING SCHEDULE)
(#'-#") - DENOTES TOP OF FOOTING ELEVATION WITH RESPECT TO DATUM ELEVATION = 0' - 0"
- P# (-#'-#") P# - DENOTES PIER MARK (SEE PIER SCHEDULE)
(#'-#") - DENOTES TOP OF PIER ELEVATION WITH RESPECT TO DATUM ELEVATION = 0' - 0"
- CW# CW# - DENOTES CONCRETE WALL MARK (SEE FOUNDATION WALL AND/OR WALL SCHEDULE)
- MW# MW# - DENOTES MASONRY WALL MARK (SEE MASONRY WALL SCHEDULE)
- WF# WF# - DENOTES WALL FOOTING MARK (SEE WALL FOOTING SCHEDULE)
- #'-#"- DENOTES TOP OF WALL FOOTING ELEVATION WITH RESPECT TO DATUM ELEVATION = 0' - 0"
- [#'-#"] [#'-#"] - DENOTES TOP OF WALL ELEVATION WITH RESPECT TO DATUM ELEVATION = 0' - 0"
- INDICATES LOCATION OF CMU FIREWALL
- INDICATES LOCATION OF CMU SHEAR WALL. SEE SCHEDULE AND DETAILS FOR ADDITIONAL INFORMATION.
- SOG# DENOTES CONCRETE SLAB MARK AND ELEVATION OFFSET WITH RESPECT TO DATUM ELEVATION = 0' - 0" (SEE SLAB ON GRADE SCHEDULE)
- INDICATES EDGE OF AREA FOR SLAB DEPRESSION

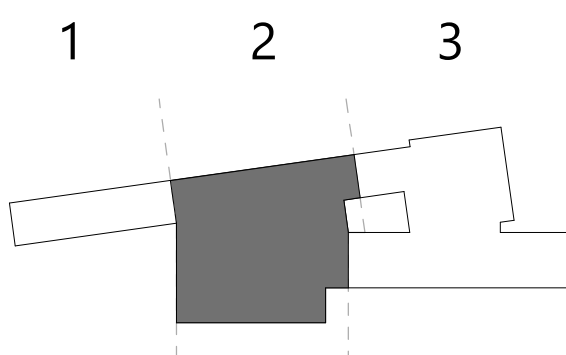
FOUNDATION PLAN NOTES

- SEE SHEET S301 THROUGH S308 FOR GENERAL NOTES, DESIGN CRITERIA, SCHEDULES, AND LEGENDS.
- SEE SHEET S300 SERIES FOR TYPICAL DETAILS
- FINISH FLOOR REFERENCE ELEVATION = 0' - 0" = 266.00' ABOVE SEA LEVEL, PER CIVIL DRAWINGS
- TOP OF FOOTING IS (3'-6") BELOW FINISH FLOOR REFERENCE ELEVATION, UNLESS OTHERWISE NOTED ON PLAN AS (X'-X") RELATIVE TO TOP OF FINISHED FLOOR REFERENCE ELEVATION
- COORDINATE DOOR AND CURTAIN WALL WIDTHS AND LOCATING DIMENSIONS WITH ARCH.
- COORDINATE WITH CIVIL ARCH AND MEP DRAWINGS ON ANY REQUIRED PENETRATIONS THROUGH FOUNDATION WALLS OR FOOTINGS.
- MASONRY UNITS SHOWN ON PLAN ARE FOR THE HEAD OF OPENINGS ASSOCIATED WITH THE FIRST FLOOR. COORDINATE LOCATIONS AND HEIGHTS WITH ARCH DRAWINGS

FOUNDATION PLAN KEYNOTES

- 2" EXPANSION JOINT IN CMU WALL. SEE ARCH FOR EJ COVER
- FOOTING BELOW INTERIOR CMU PARTITION WALLS. TYP. SEE TYPICAL DETAIL
- THROUGH FOUNDATION WALL PIPING. SEE PLUMB AND CIVIL DRAWINGS FOR LOCATION, STEP FOOTING AS REQUIRED PER TYPICAL PIPE PENETRATION DETAIL
- THICKENED SLAB BELOW STAIR STRINGER BEARING. TYP. SEE TYPICAL DETAIL
- PROVIDE CONTROL JOINT BETWEEN SHEAR WALL AND NONSHEAR WALL. TYP. SEE TYPICAL DETAIL
- SEE TYPICAL ELEVATOR PIT DETAIL FOR SUMP PIT AND FOUNDATION SLAB INFORMATION
- ELECTRICAL DUCTBANK. COORDINATE WITH ELECTRICAL DRAWINGS. PROVIDE OPENING THRU FOUNDATION WALL AS REQUIRED. SEE TYPICAL DETAILS FOR ADDITIONAL WALL REINFORCING REQUIREMENTS.
- PROVIDE FROST PROTECTED SLABS AT ALL EXTERIOR DOORWAYS. SEE TYPICAL DETAIL FOR ADDITIONAL INFORMATION.
- 6" EQUIPMENT PAD. COORDINATE EXACT LOCATION AND DIMENSIONAL REQUIREMENTS WITH MEP DRAWINGS. SEE TYPICAL DETAILS ON S300 SHEETS
- SHOWER STALL. SLOPE SLAB TO DRAIN. COORDINATE WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR EXTENTS AND REQUIREMENTS.

KEY PLAN



SLAB PLAN NOTES

- SEE SHEET S001 THROUGH S008 FOR GENERAL NOTES, DESIGN CRITERIA, SCHEDULES, AND LEGENDS.
- SEE SHEET S000 SERIES FOR TYPICAL DETAILS.
- TOP OF SLAB ELEVATION = 0' - 0" UNLESS NOTED OTHERWISE ON PLAN AS (-X-XX") RELATIVE TO REFERENCE ELEVATION.
- SAW CUT CONTROL JOINTS IN SLAB ON GRADE AS SHOWN. BALANCE OF ALL REINFORCING (REINTRANT CORNER, DISCONTINUOUS JOINT, OPENINGS, ETC...) NOT SHOWN FOR CLARITY. REFER TO TYPICAL DETAILS.
- COORDINATE WITH CIVIL, ARCH AND MEP DRAWINGS ON ANY REQUIRED PENETRATIONS THROUGH FOUNDATION WALLS OR FOOTINGS.

SLAB PLAN KEYNOTES

- REINTRANT CORNER BARS IN SLAB ON GRADE. SEE TYPICAL DETAIL. ENSURE REINFORCING DOES NOT CROSS CONTROL JOINT (CJ) SAW CUT LINE. LOCATIONS SHOWN APPLY TO ALL OTHER SAME/SIMILAR CONDITIONS NOT SHOWN FOR CLARITY.
- REINTRANT CORNER BARS IN SLAB ON GRADE AT ALL DISCONTINUOUS CONTROL JOINTS. TYP. ENSURE REINFORCING DOES NOT CROSS CONTROL JOINT (CJ) SAW CUT LINE. LOCATIONS SHOWN APPLY TO ALL OTHER SAME/SIMILAR CONDITIONS NOT SHOWN FOR CLARITY.
- REINTRANT CORNER BARS IN SLAB ON GRADE. SEE COLUMN ISOLATION JOINT DETAIL. ENSURE REINFORCING DOES NOT CROSS CONTROL JOINT (CJ) SAW CUT LINE. LOCATIONS SHOWN APPLY TO ALL OTHER SAME/SIMILAR CONDITIONS NOT SHOWN FOR CLARITY.
- REINTRANT CORNER REINFORCING IN SLAB ON GRADE AT DOOR THRESHOLDS. SEE TYPICAL DETAIL. ENSURE REINFORCING DOES NOT CROSS CONTROL JOINT (CJ) SAW CUT LINE. LOCATIONS SHOWN APPLY TO ALL OTHER SAME/SIMILAR CONDITIONS NOT SHOWN FOR CLARITY.

SLAB-ON-GRADE LEGEND

↓ SOG#

SOG# - DENOTES SLAB-ON-GRADE MARK (SEE SLAB-ON-GRADE SCHEDULE)

#'-#"

#'-#"- DENOTES TOP OF CONCRETE ELEVATION WITH RESPECT TO DATUM ELEVATION = 0' - 0"

CONTROL/CONSTRUCTION LINE

F.D.

FLOOR DRAIN (SEE MEP AND ARCH)

CW# MW#

W# - DENOTES WALL MARK (SEE FOUNDATION WALL AND/OR WALL SCHEDULE)

[#'-#"]

#'-#"- DENOTES TOP OF WALL ELEVATION WITH RESPECT TO DATUM ELEVATION = 0' - 0"

////

DENOTES STEP IN SLAB

////

DENOTES SLOPE IN SLAB

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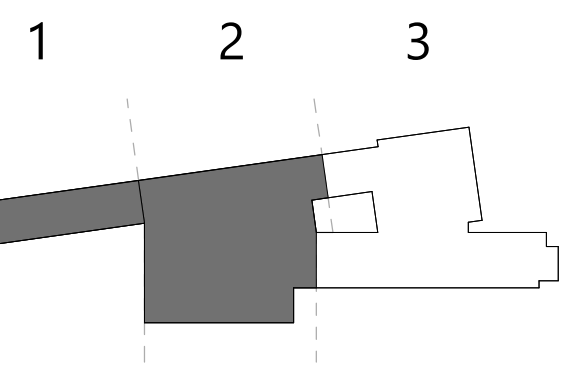
DENOTES TYPICAL LOCATIONS OF ADDITIONAL SLAB REINTRANT CORNER REINFORCING. SEE TYPICAL DETAILS.

A B

DENOTES COLUMN ISOLATION JOINT TYPE. SEE TYPICAL DETAILS



KEY PLAN



1 TO SOG - SLAB PLAN - PARTS 1 & 2

0' 4' 8' 16' 32'
3/32" = 1'-0"

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845-561-3379 www.csarch.com

CS ARCH

Consultant
PASSERO
engineering architecture
STRUCTURAL

NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING

Project Title



NO.	DATE	DESCRIPTION
1	6/15/2024	REV ADDENDUM #1
2	5/15/2024	REV ADDENDUM #2

Drawn By: RC
Checked By: LCA
Proj. #: 44-16-00-81-0-053-001
CSArch Proj. #: 108-2303
Issued for Bid: 4/15/2024

Sheet Title

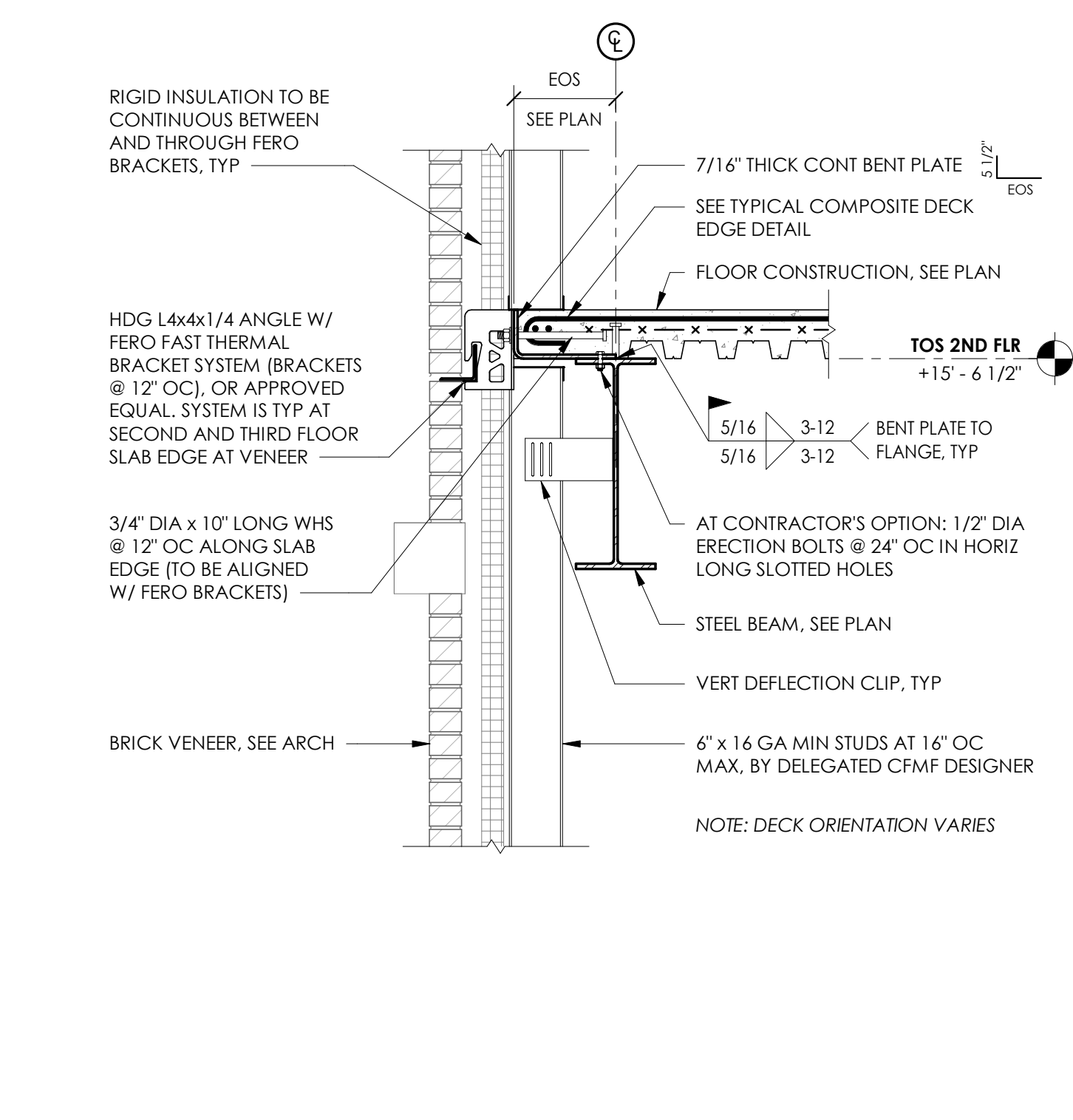
SLAB ON
GRADE PLAN

Sheet No.

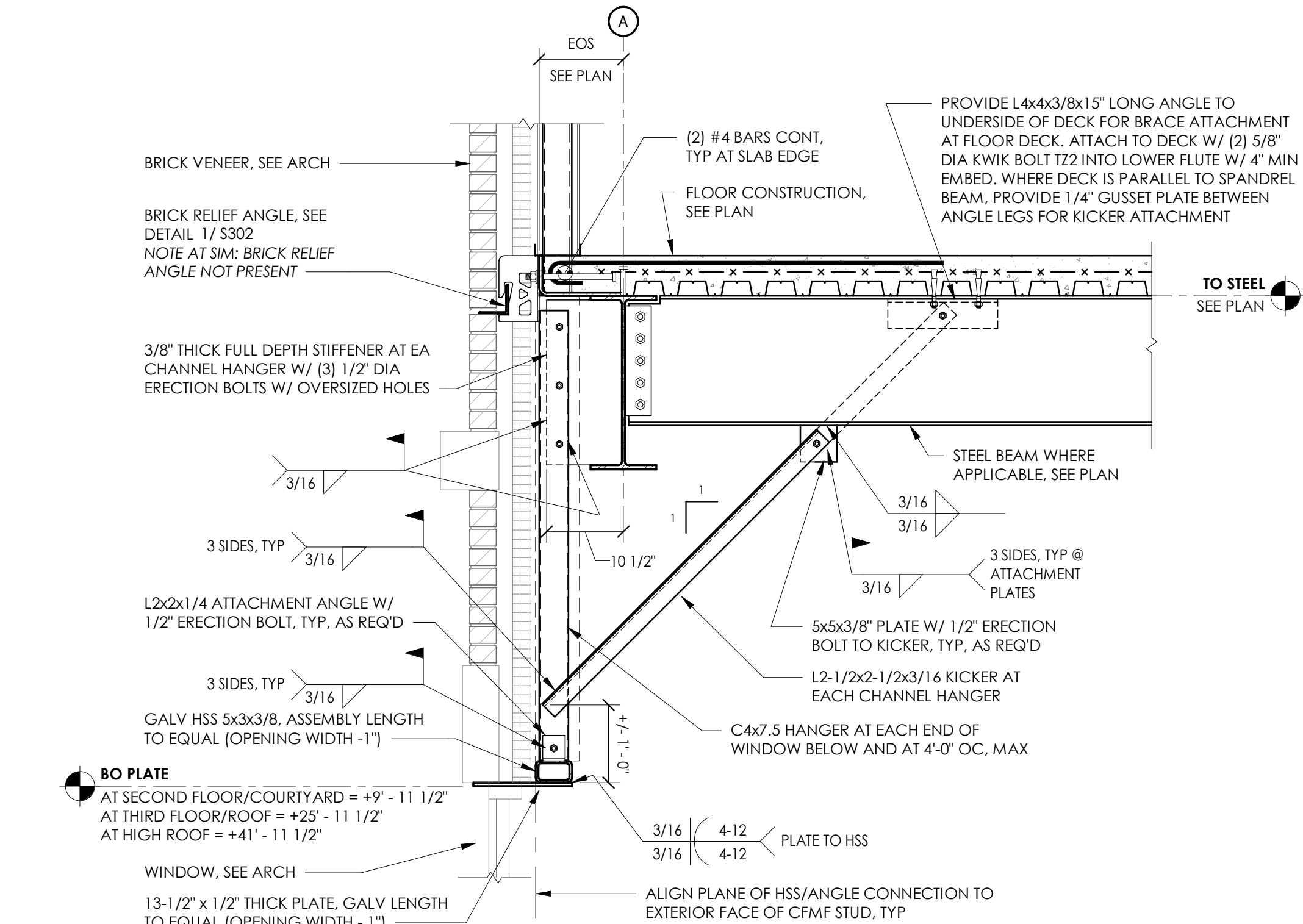
CTE
S104

CONSTRUCTION DOCUMENTS

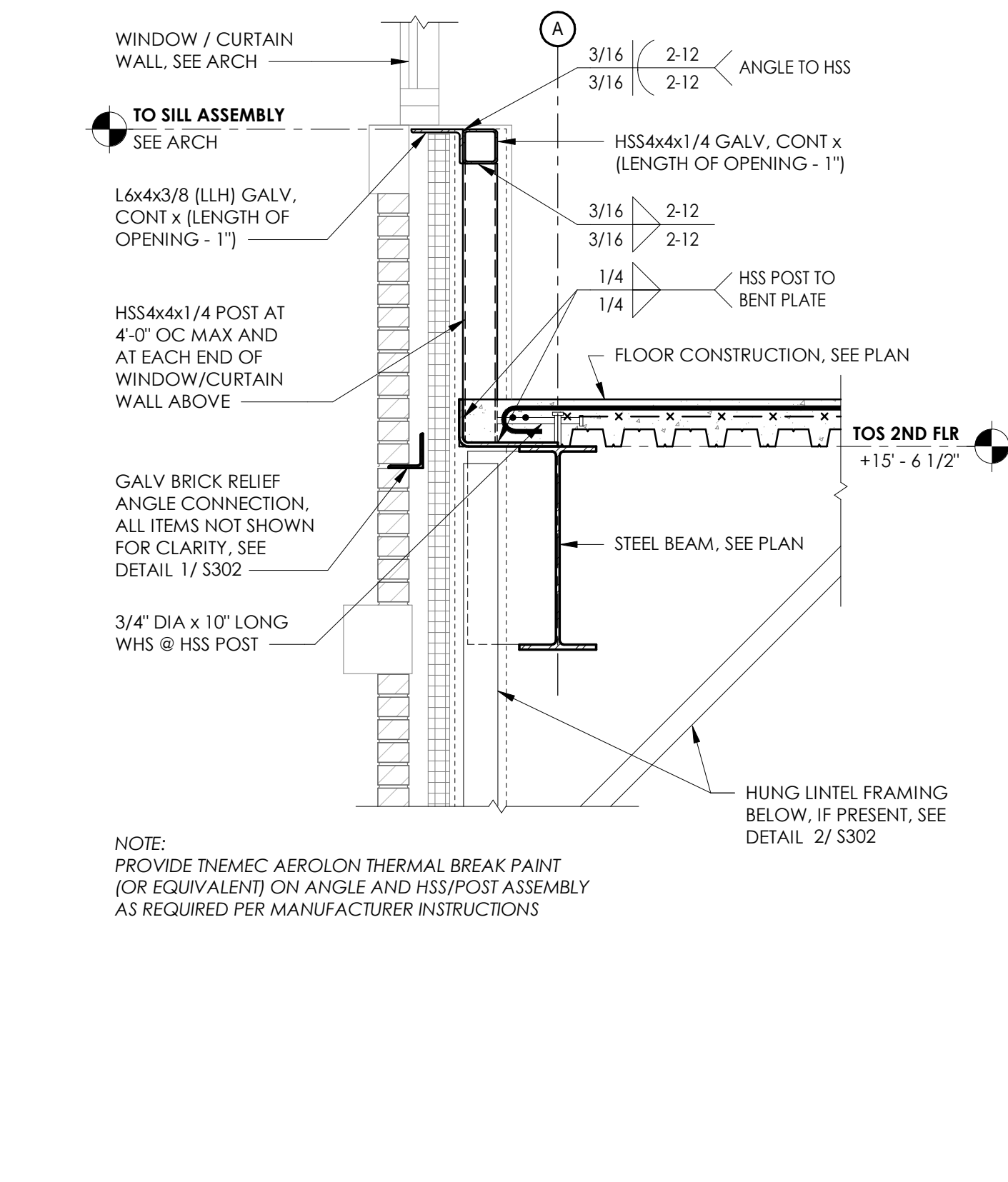
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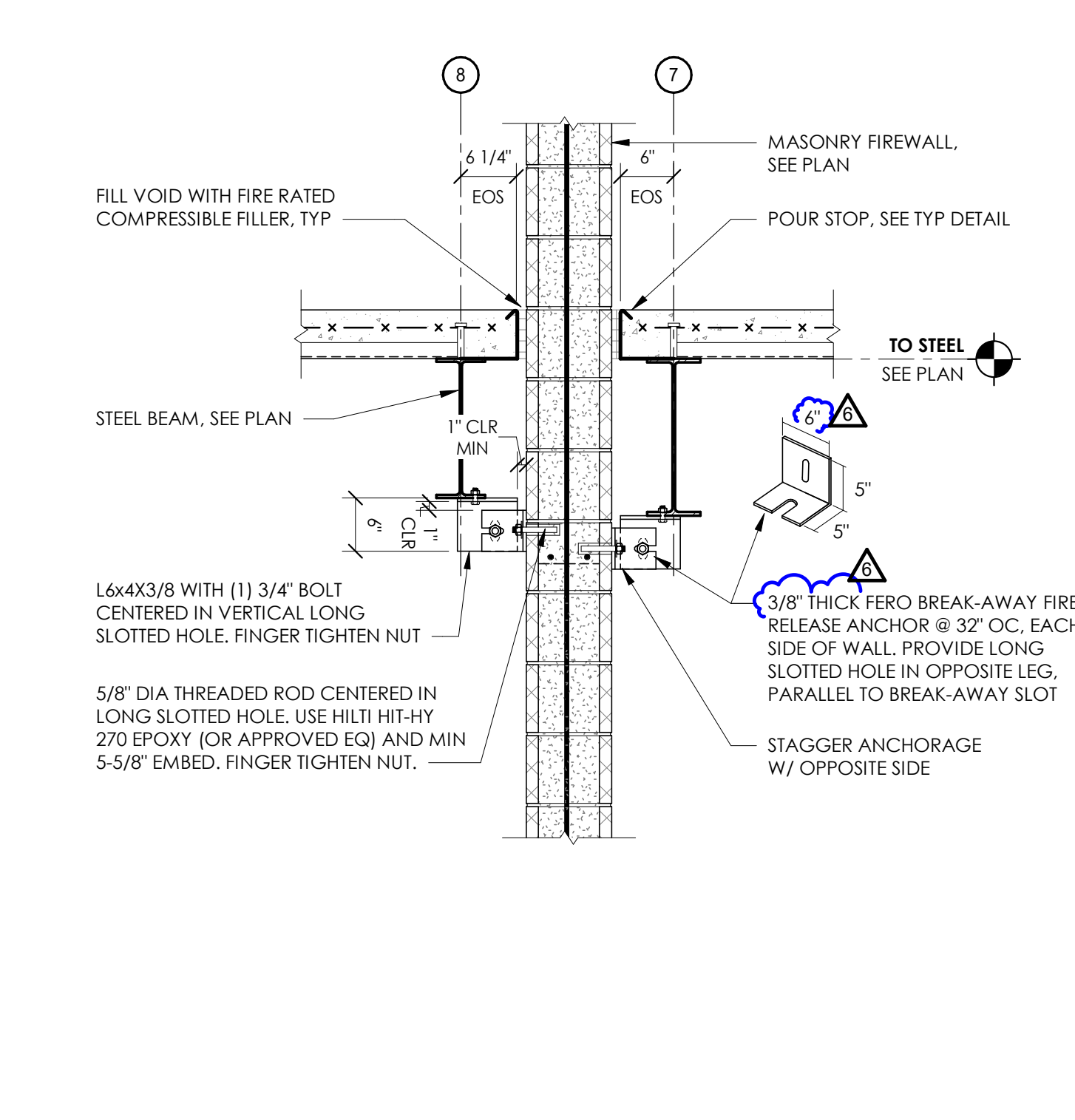
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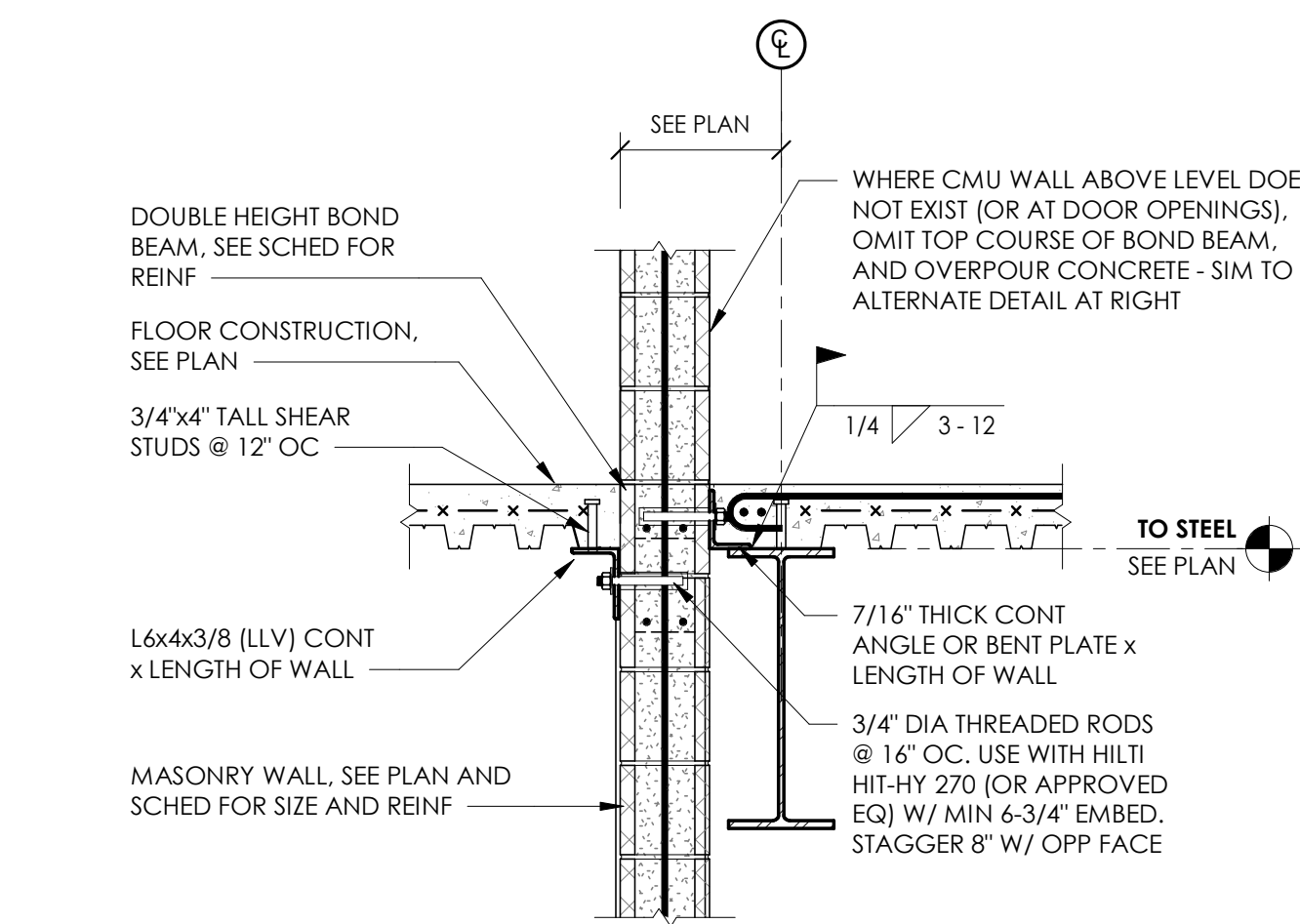
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3 FRAMING SECTION

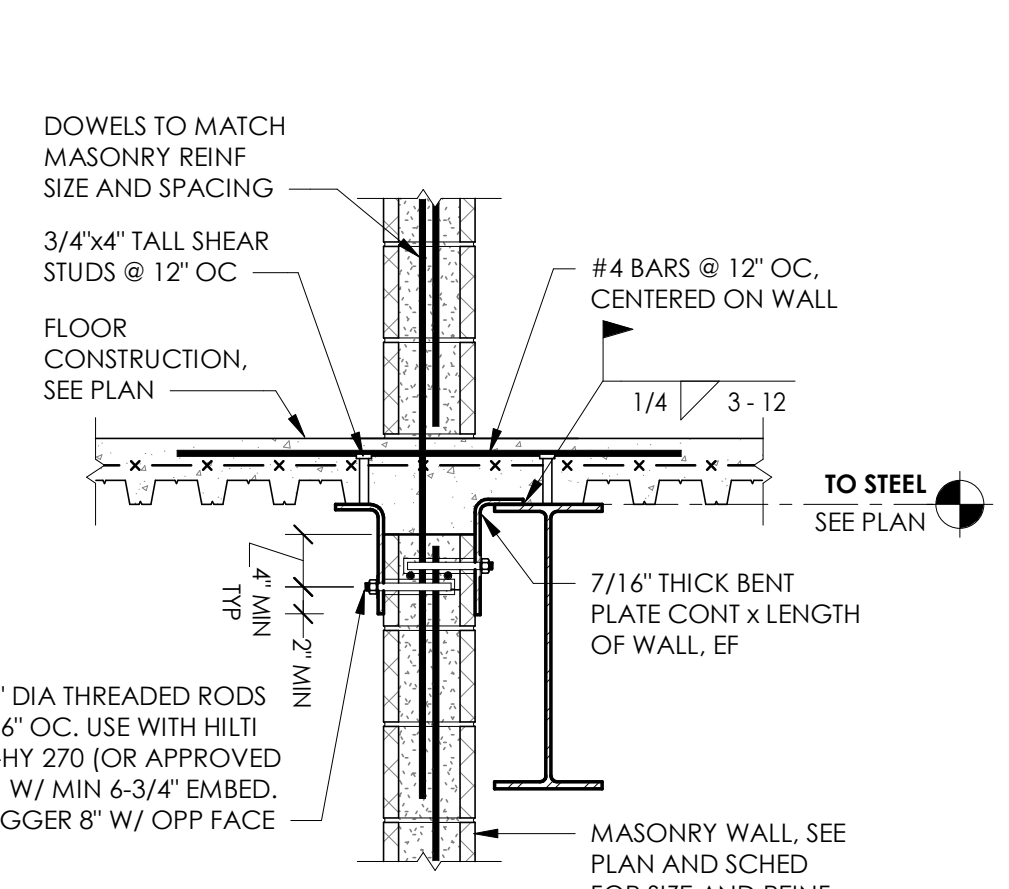


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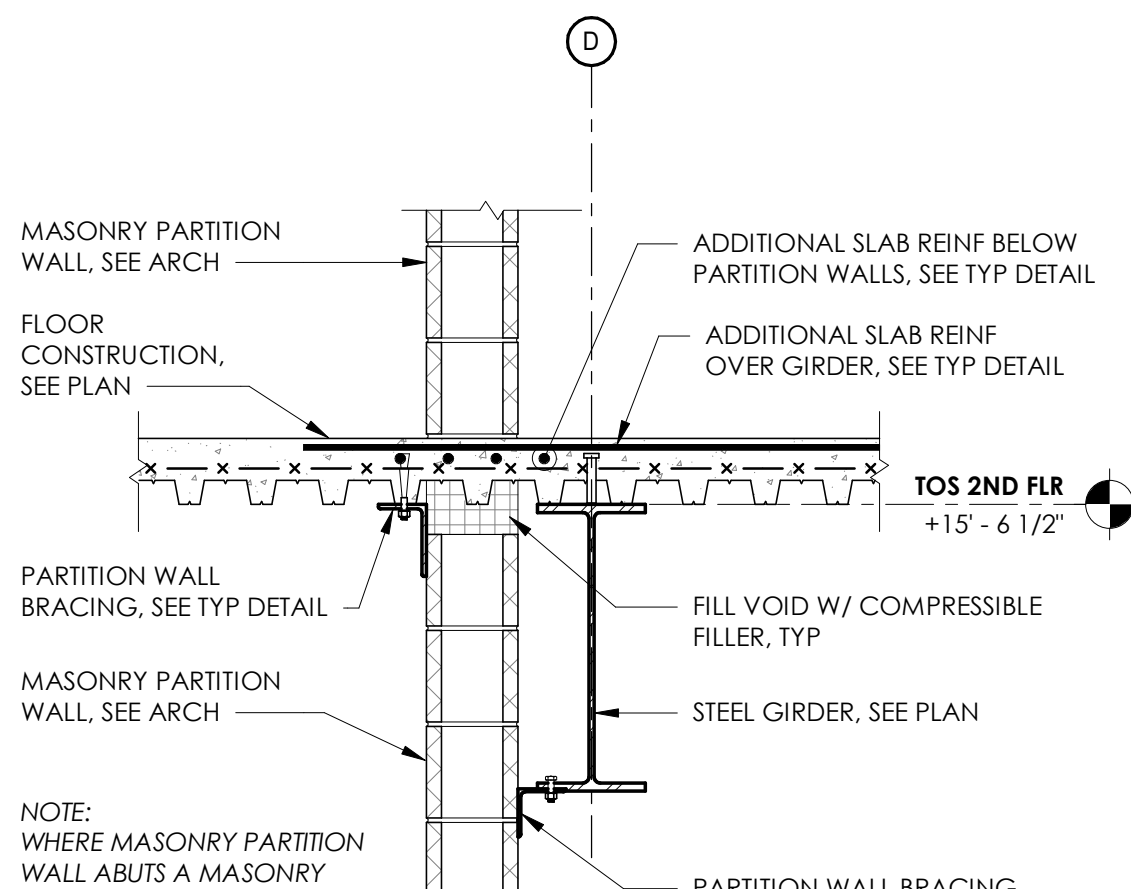


- NOTES:
- SEE ALTERNATE DETAIL IF PREFERRED FOR CONSTRUCTION SEQUENCING.
 - IF ADJACENT BEAM IS NOT PRESENT, PROVIDE LEFT SIDE CONTINUOUS PLATE ASSEMBLY ON BOTH SIDES OF WALL.

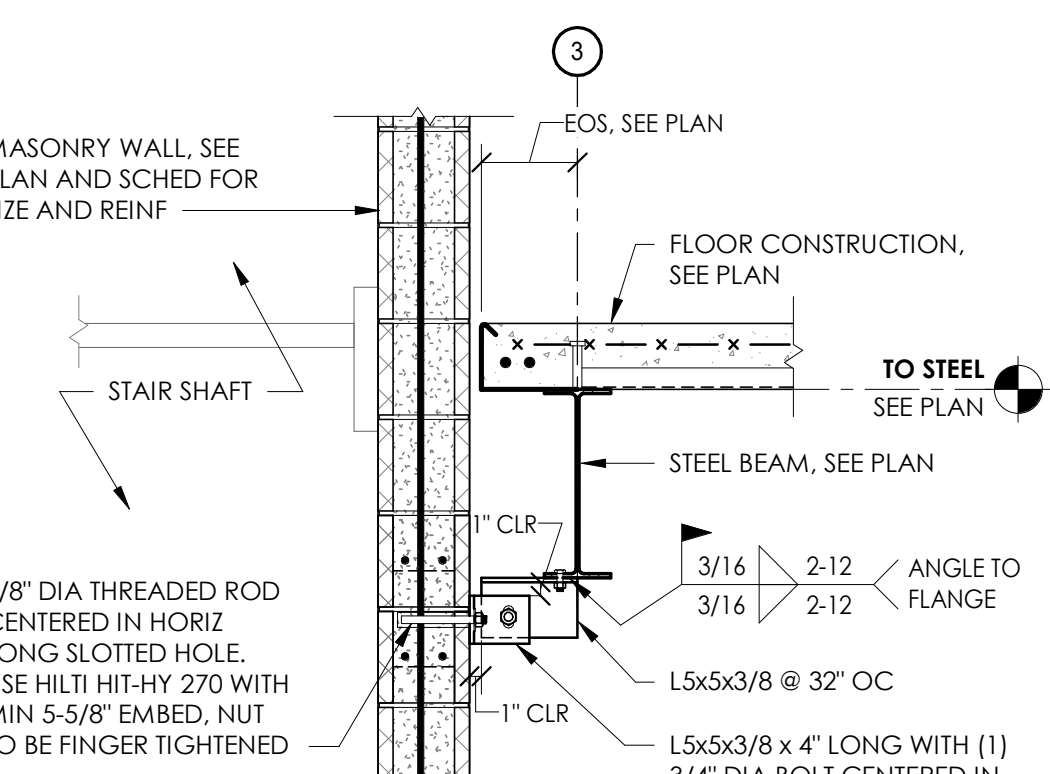
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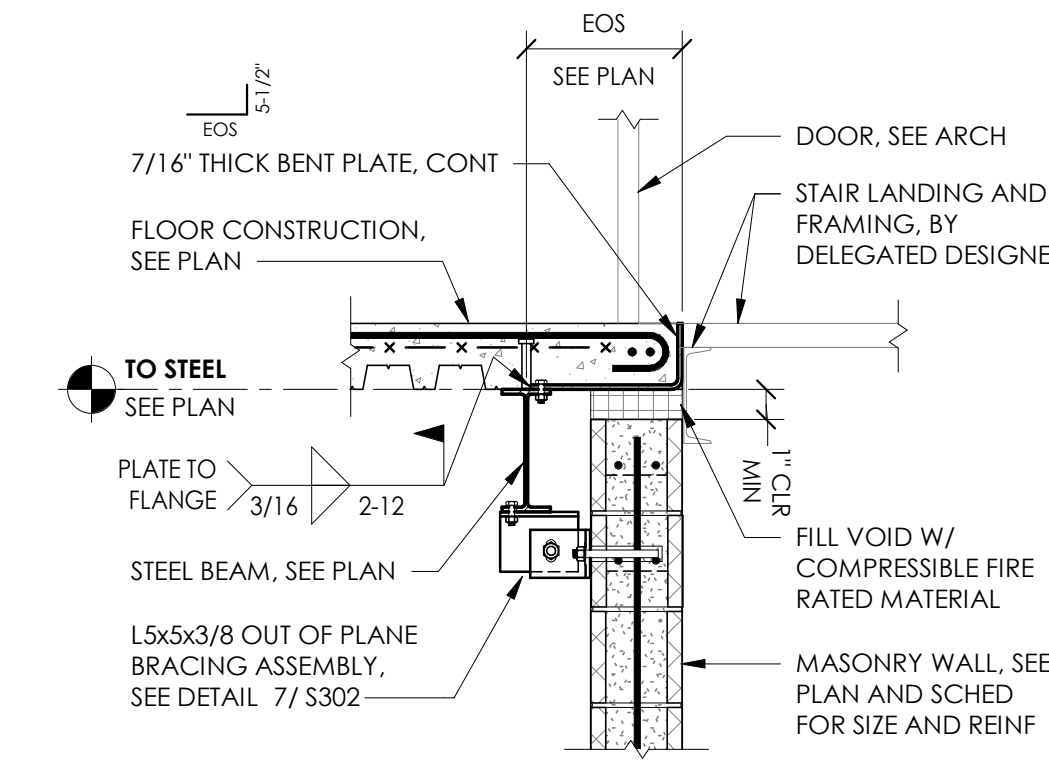
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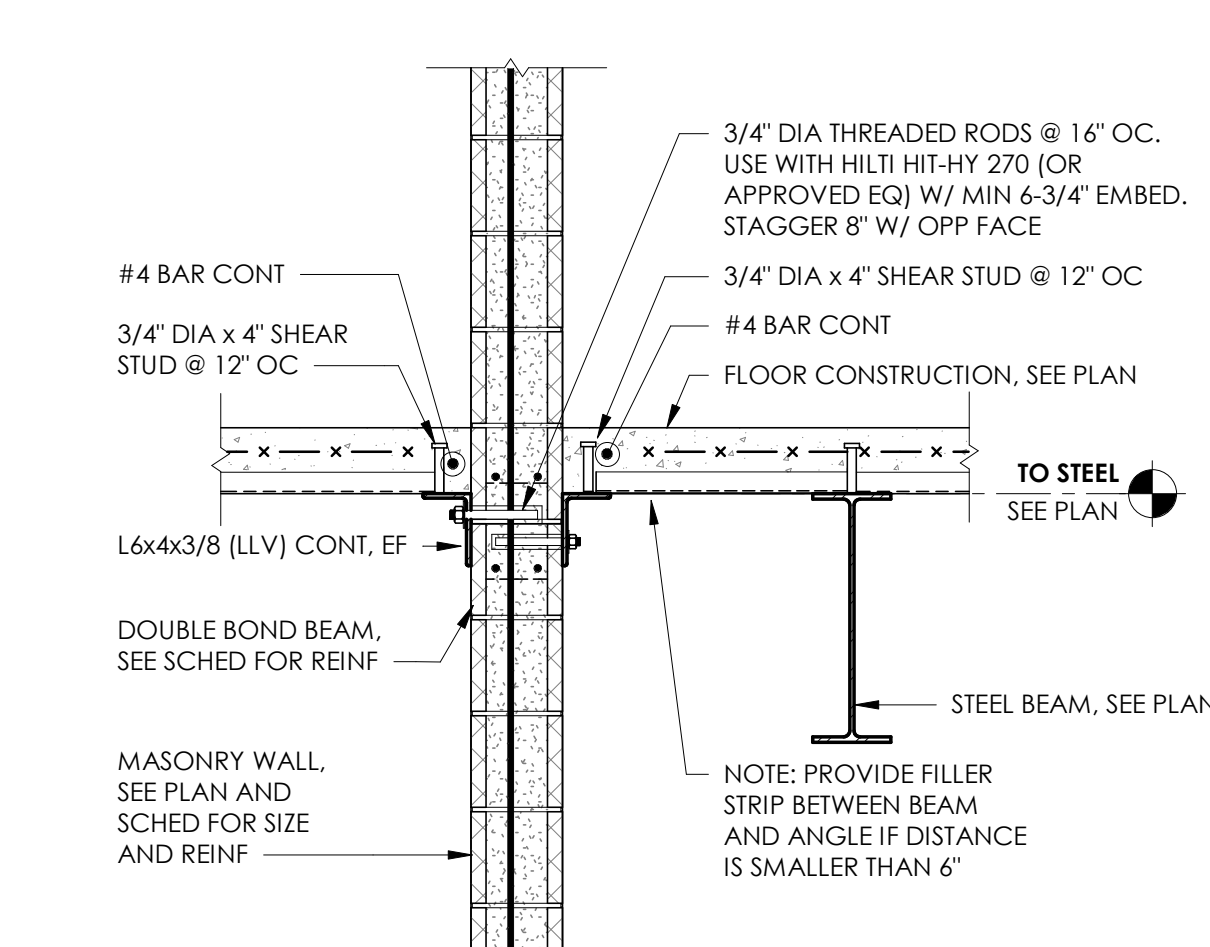
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8 FRAMING SECTION

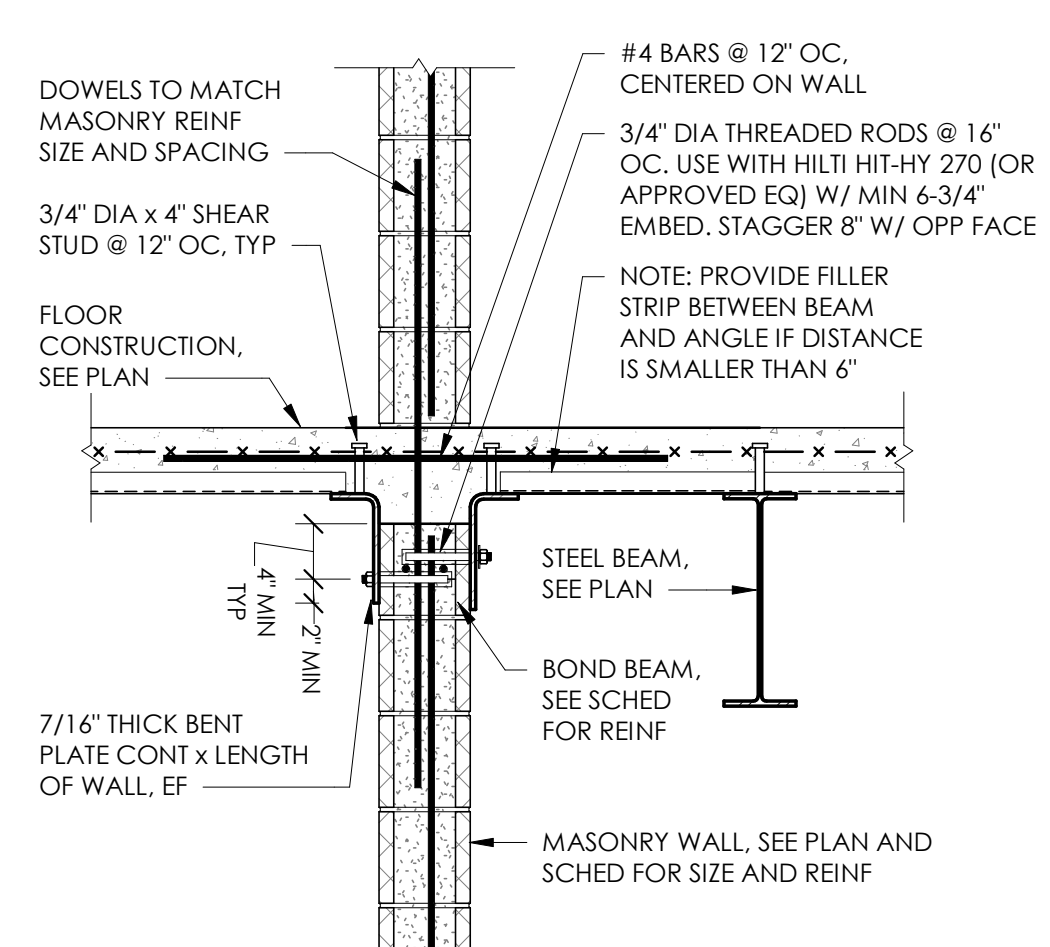


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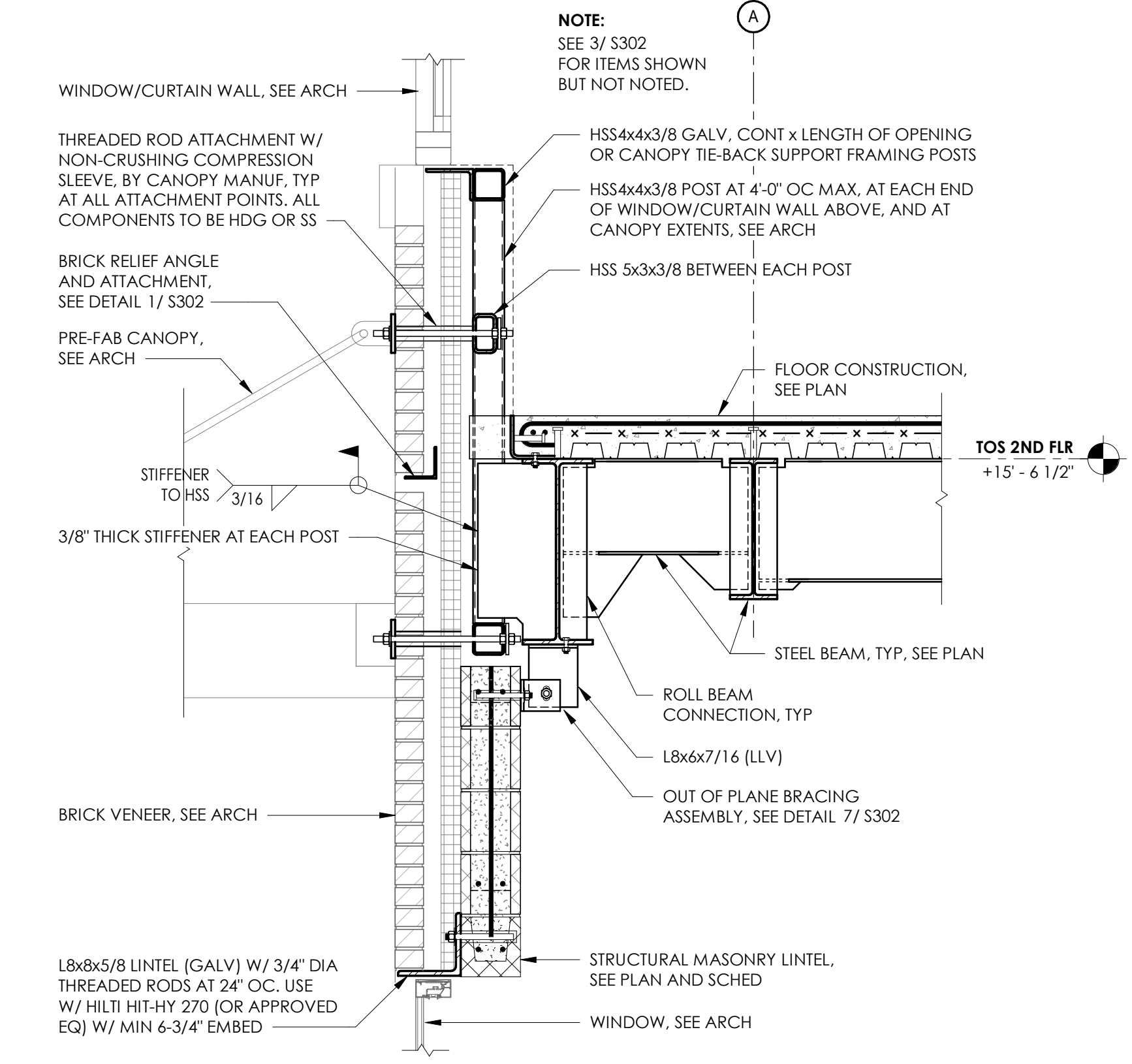


- NOTES:
- SEE ALTERNATE DETAIL IF PREFERRED FOR CONSTRUCTION SEQUENCING.

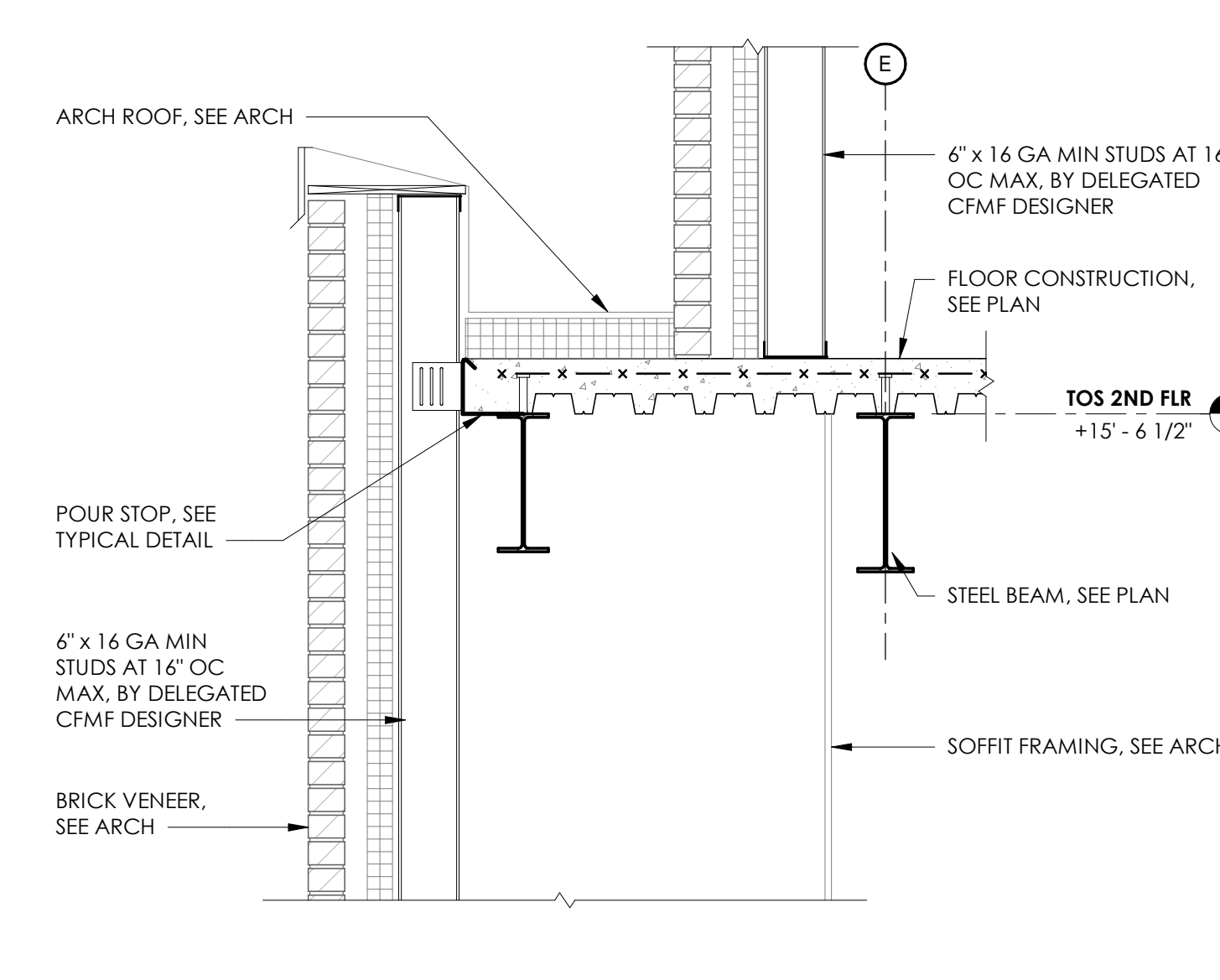
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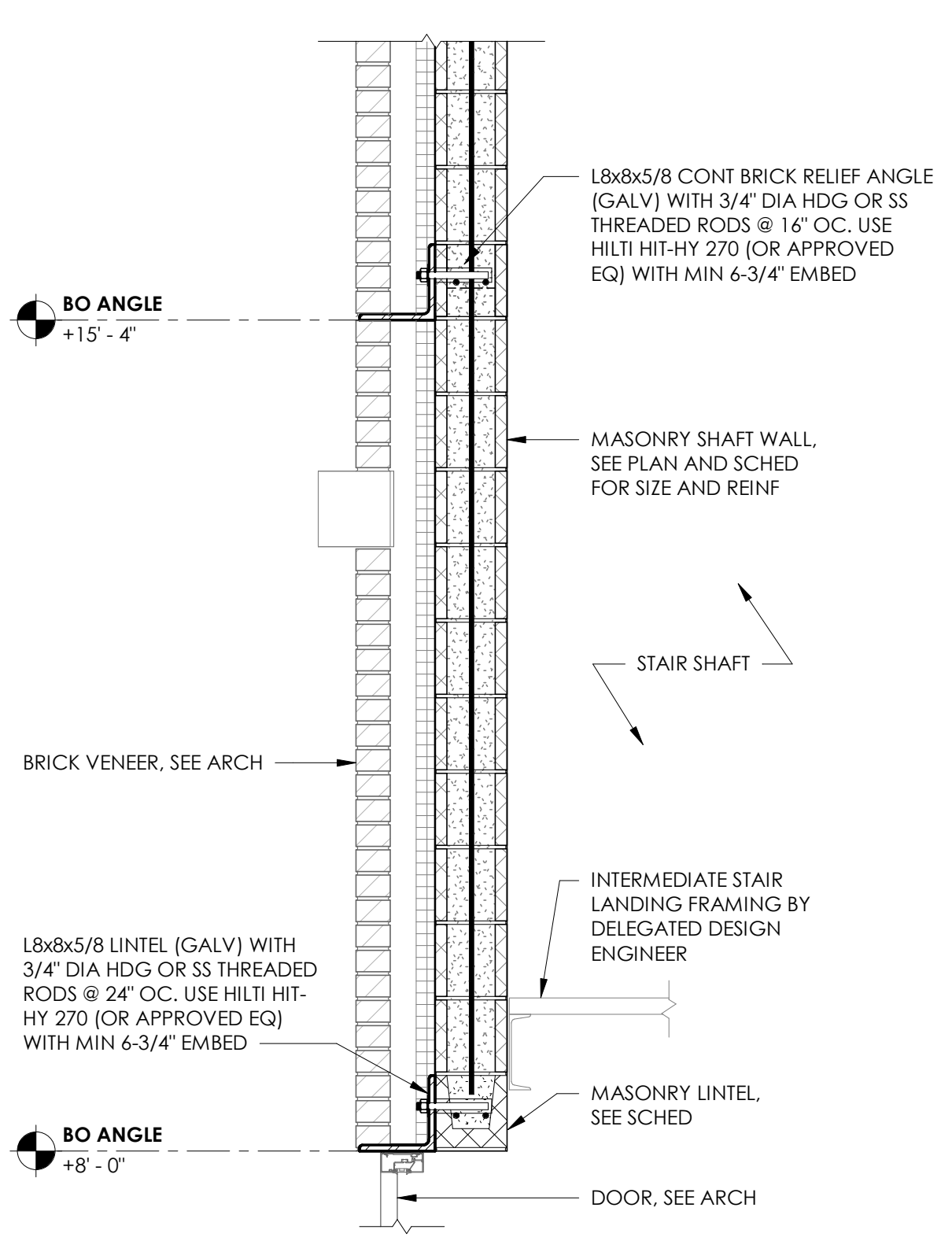
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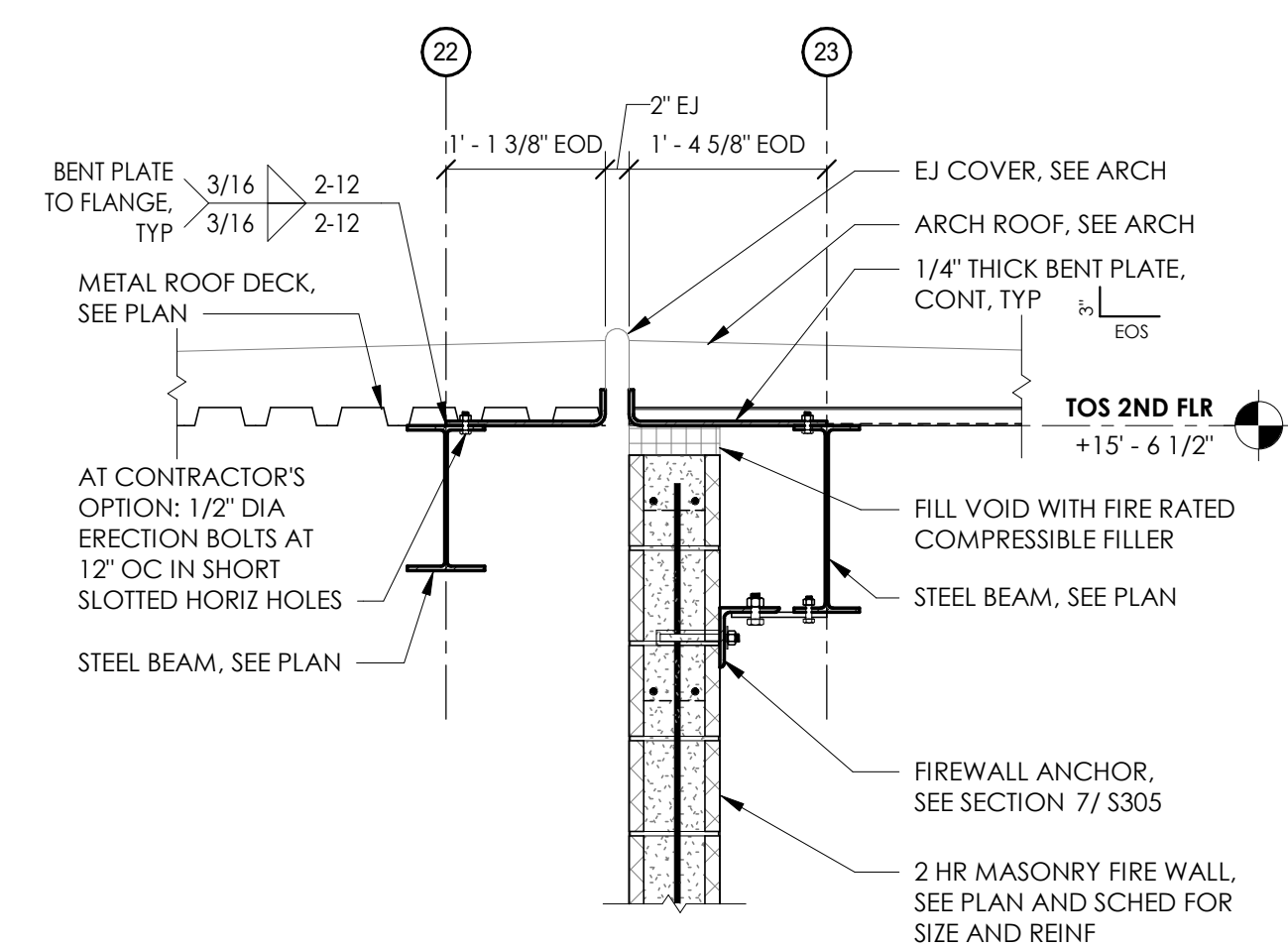


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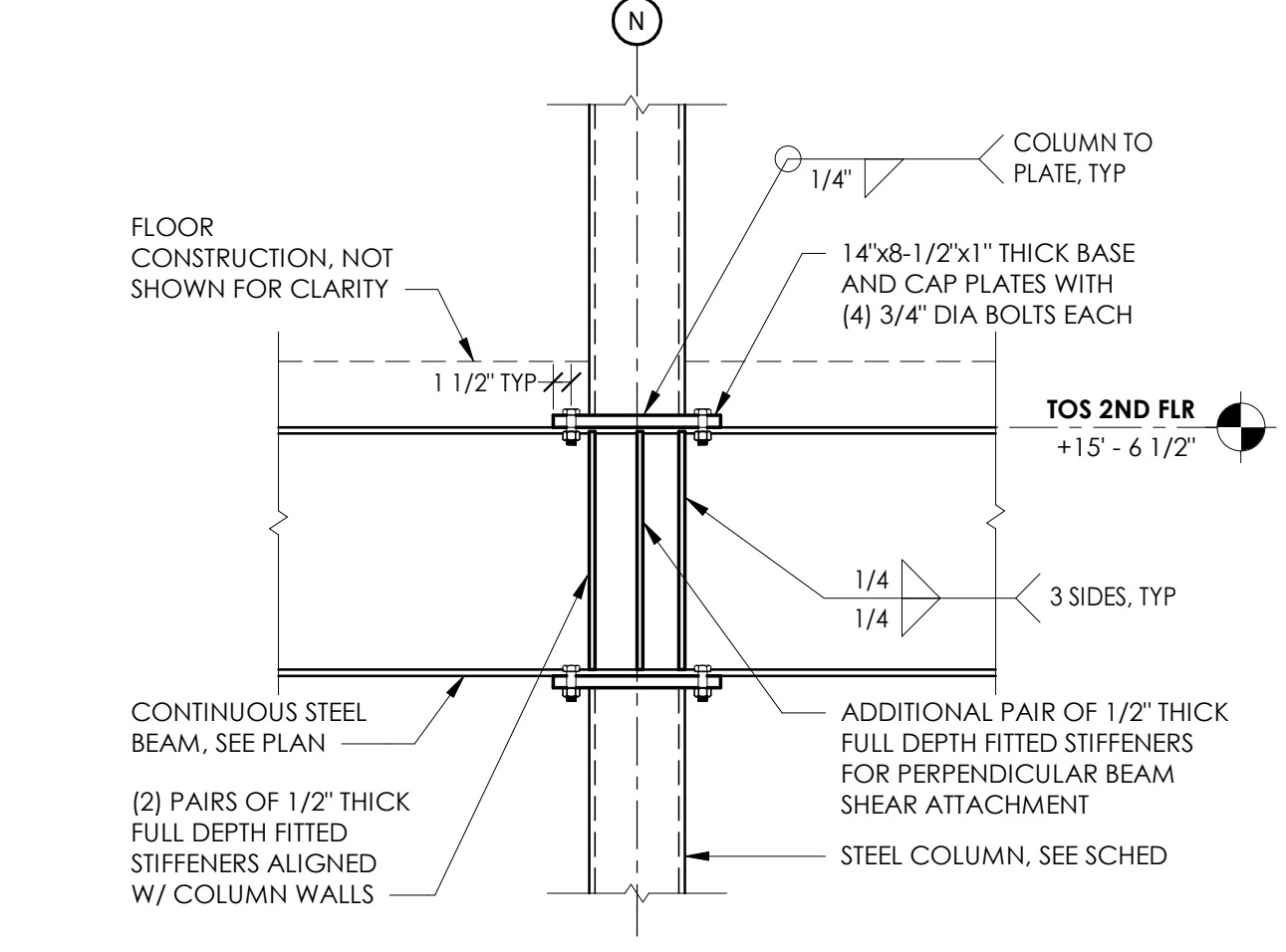


13 FRAMING SECTION

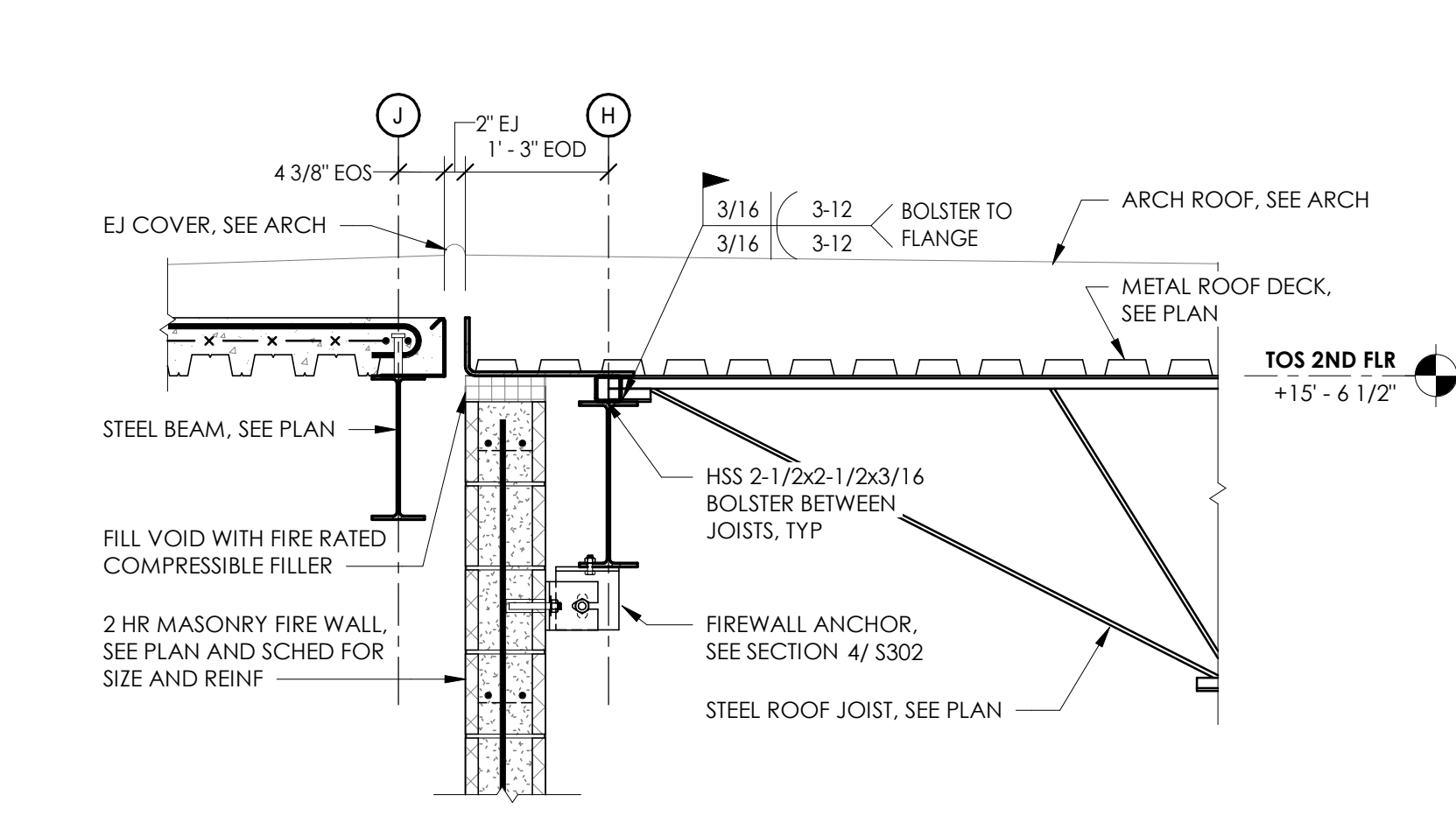




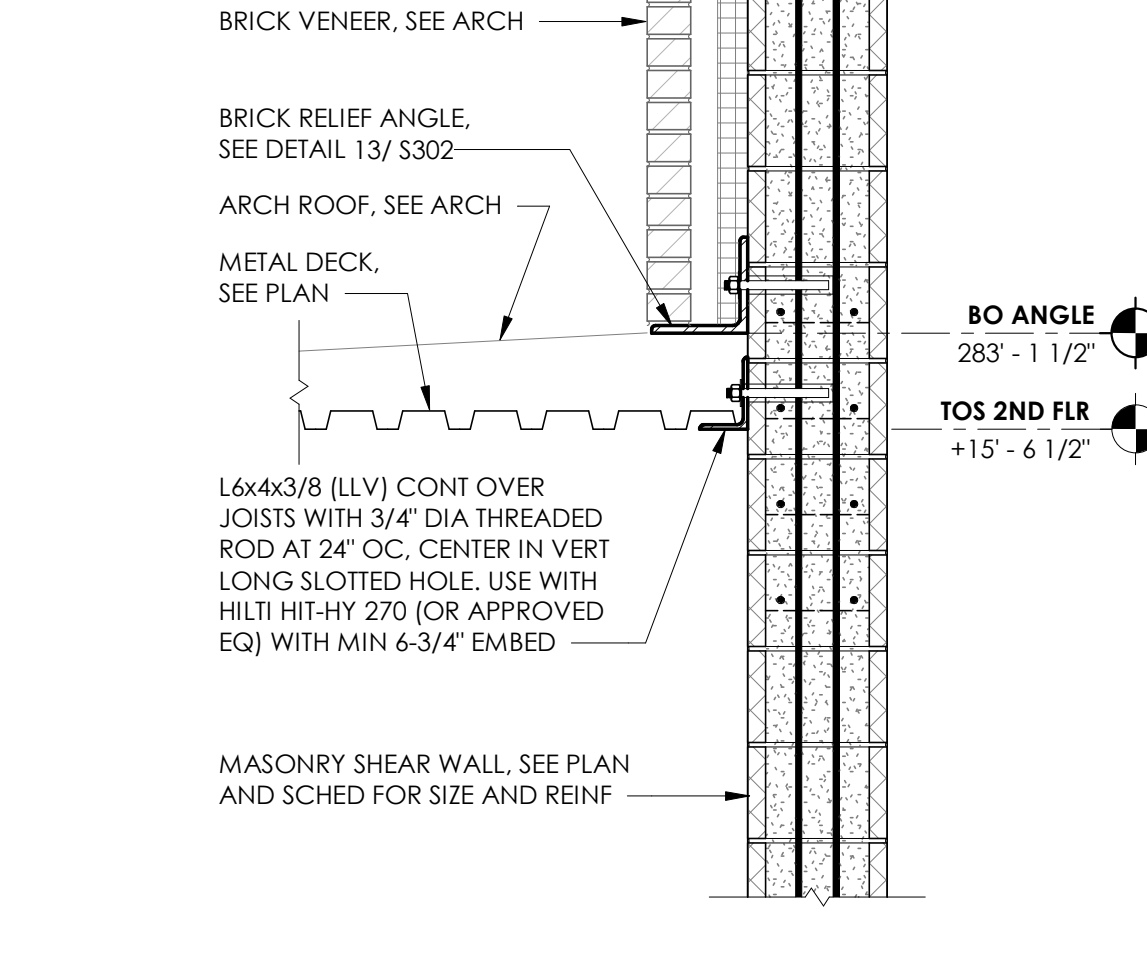
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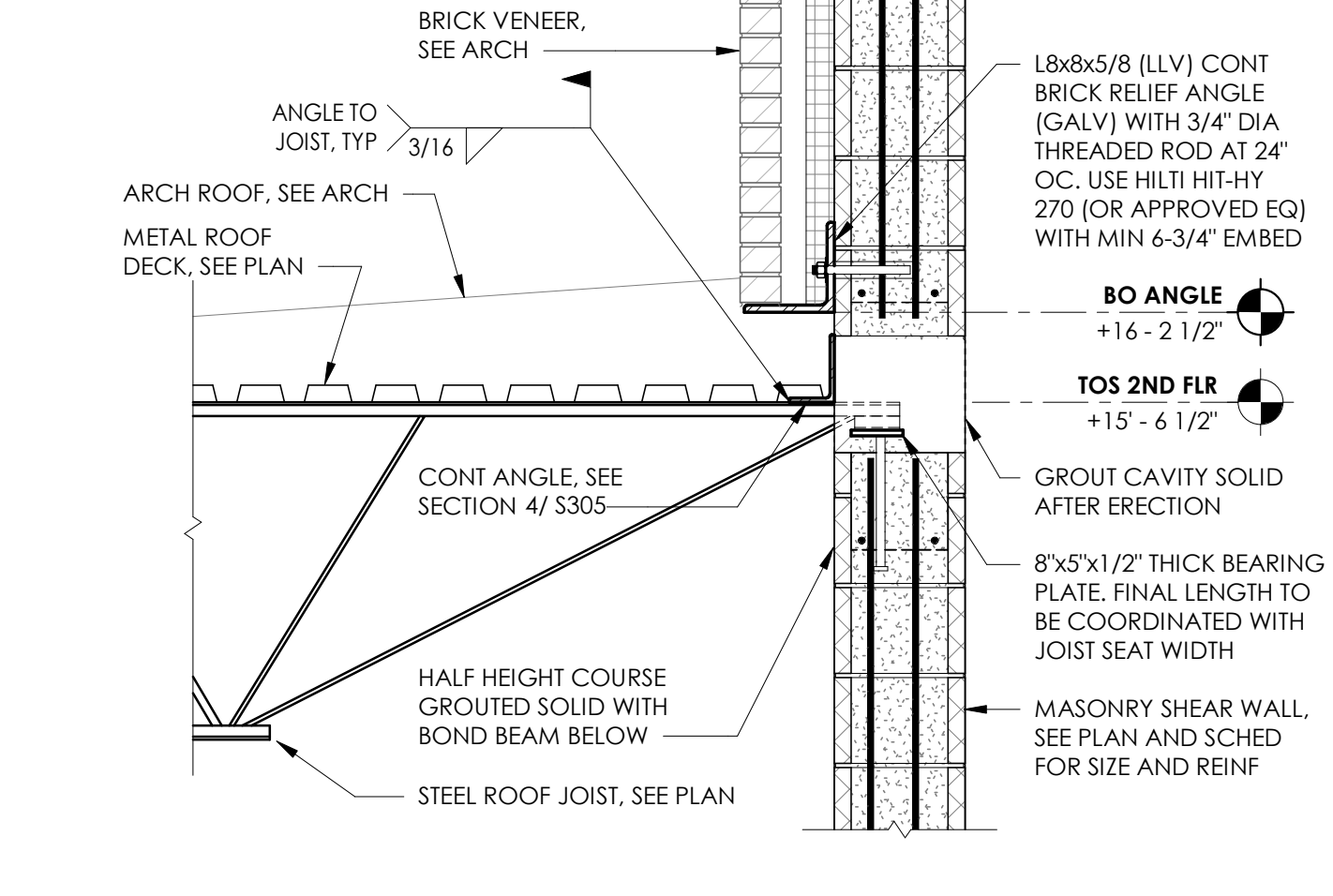
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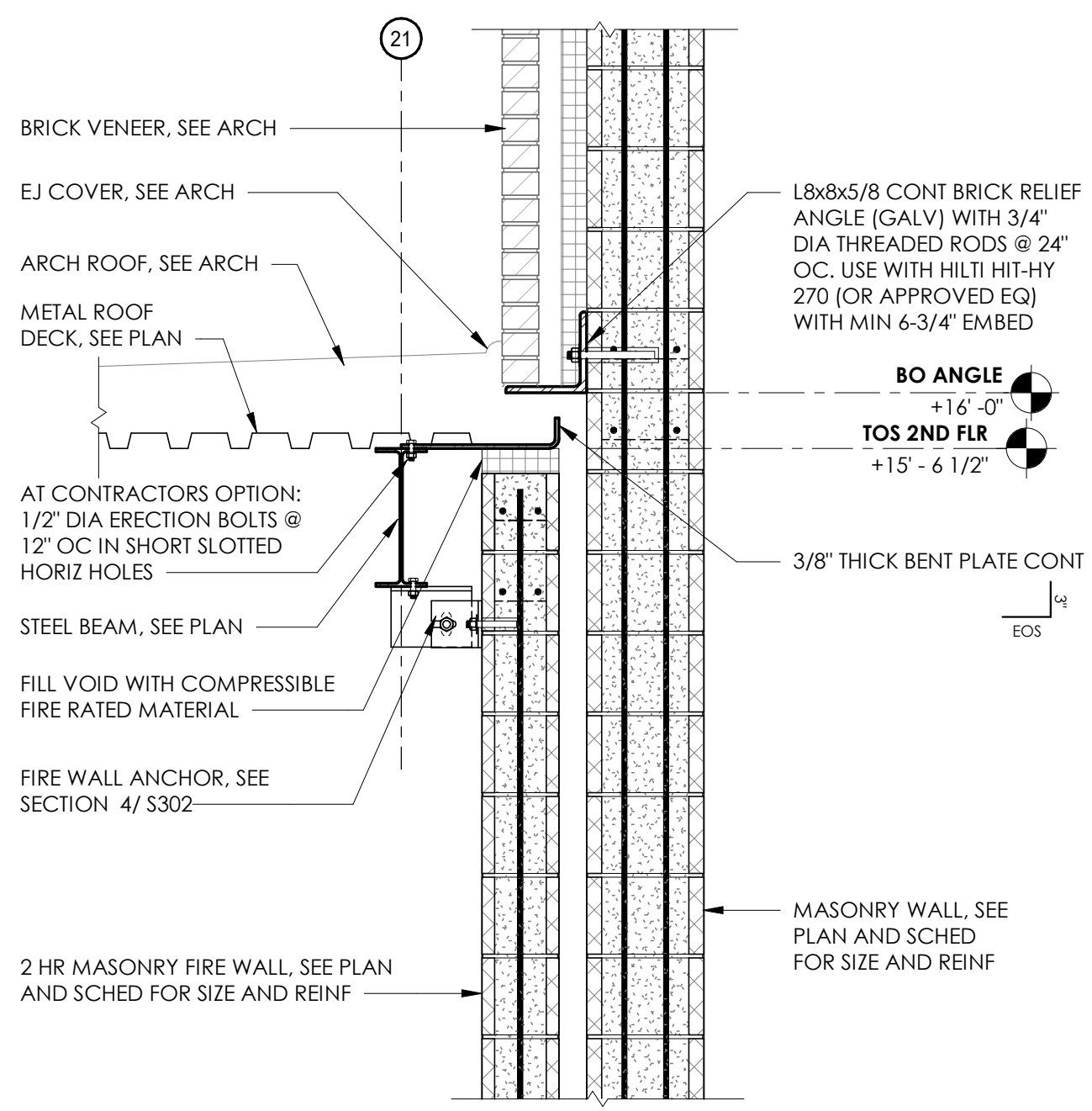
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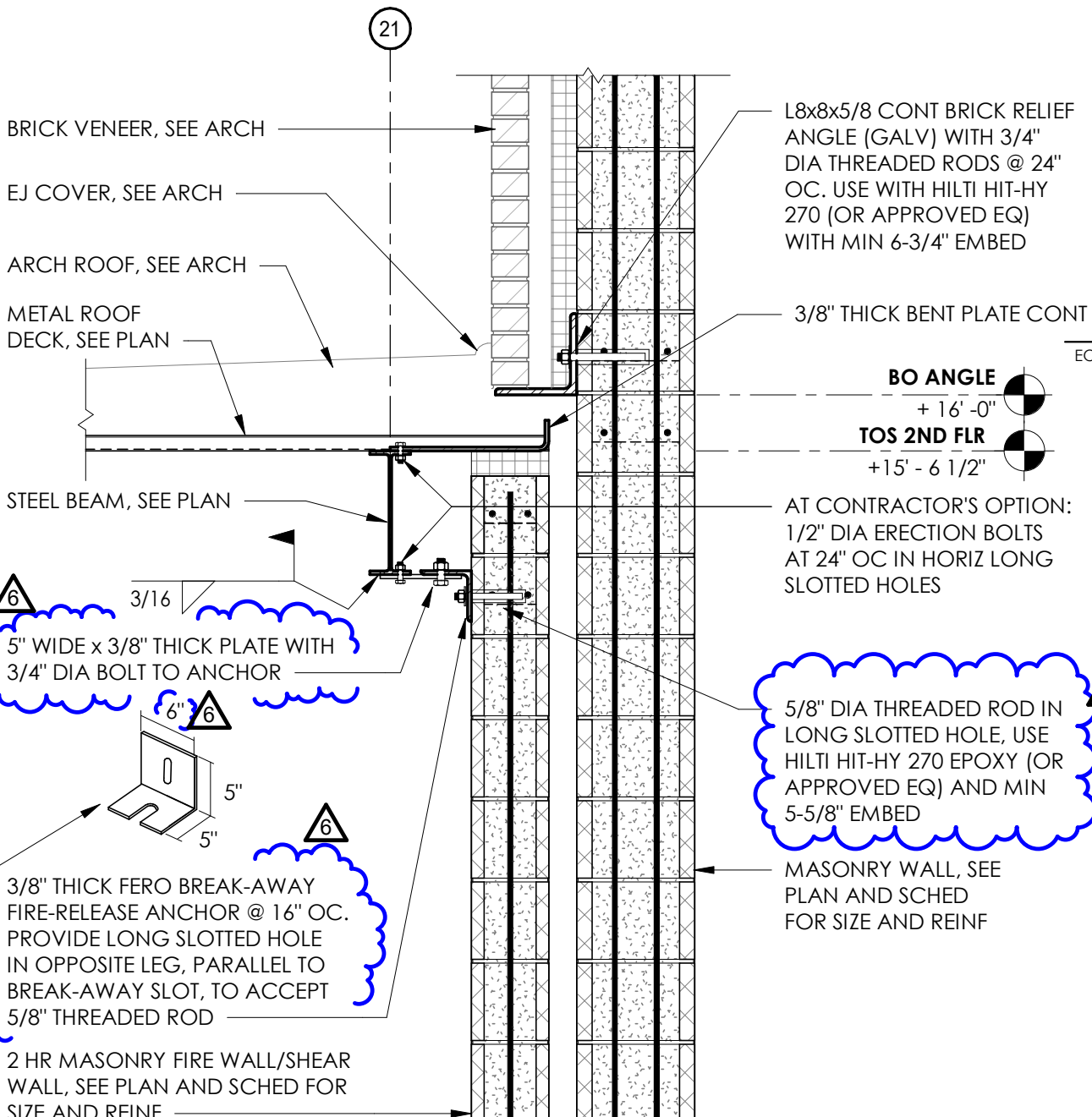
4 FRAMING SECTION



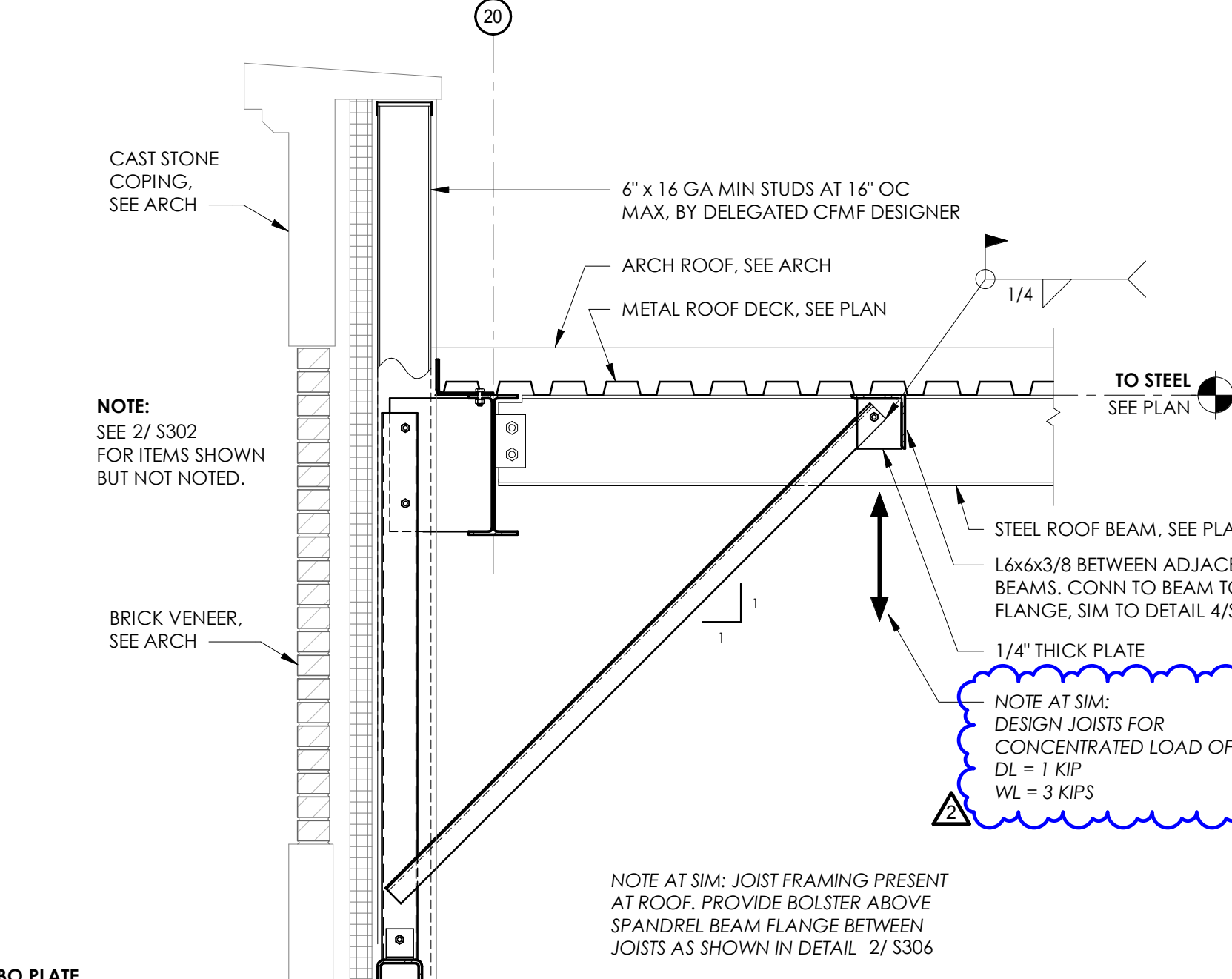
5 FRAMING SECTION



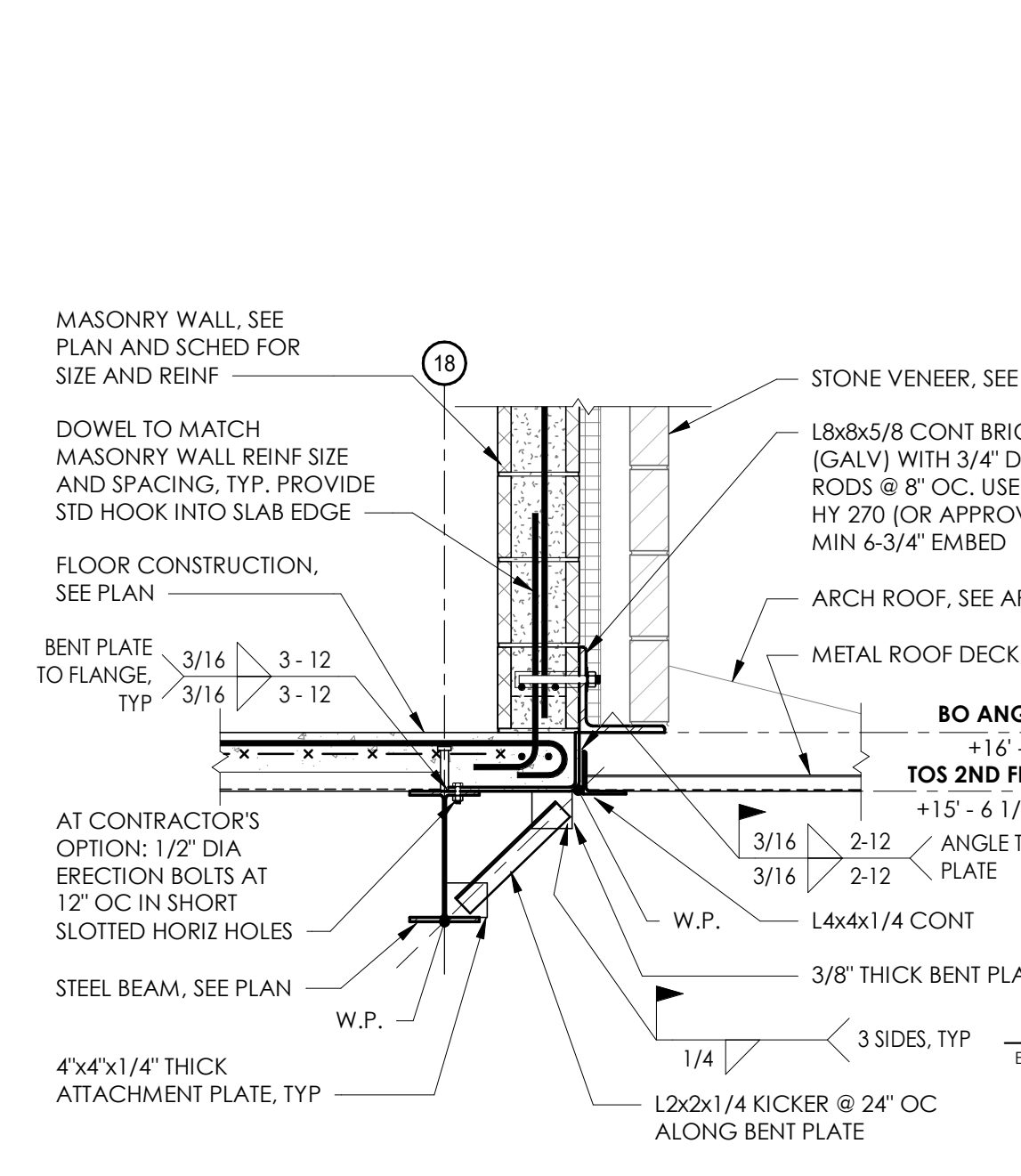
6 FRAMING SECTION



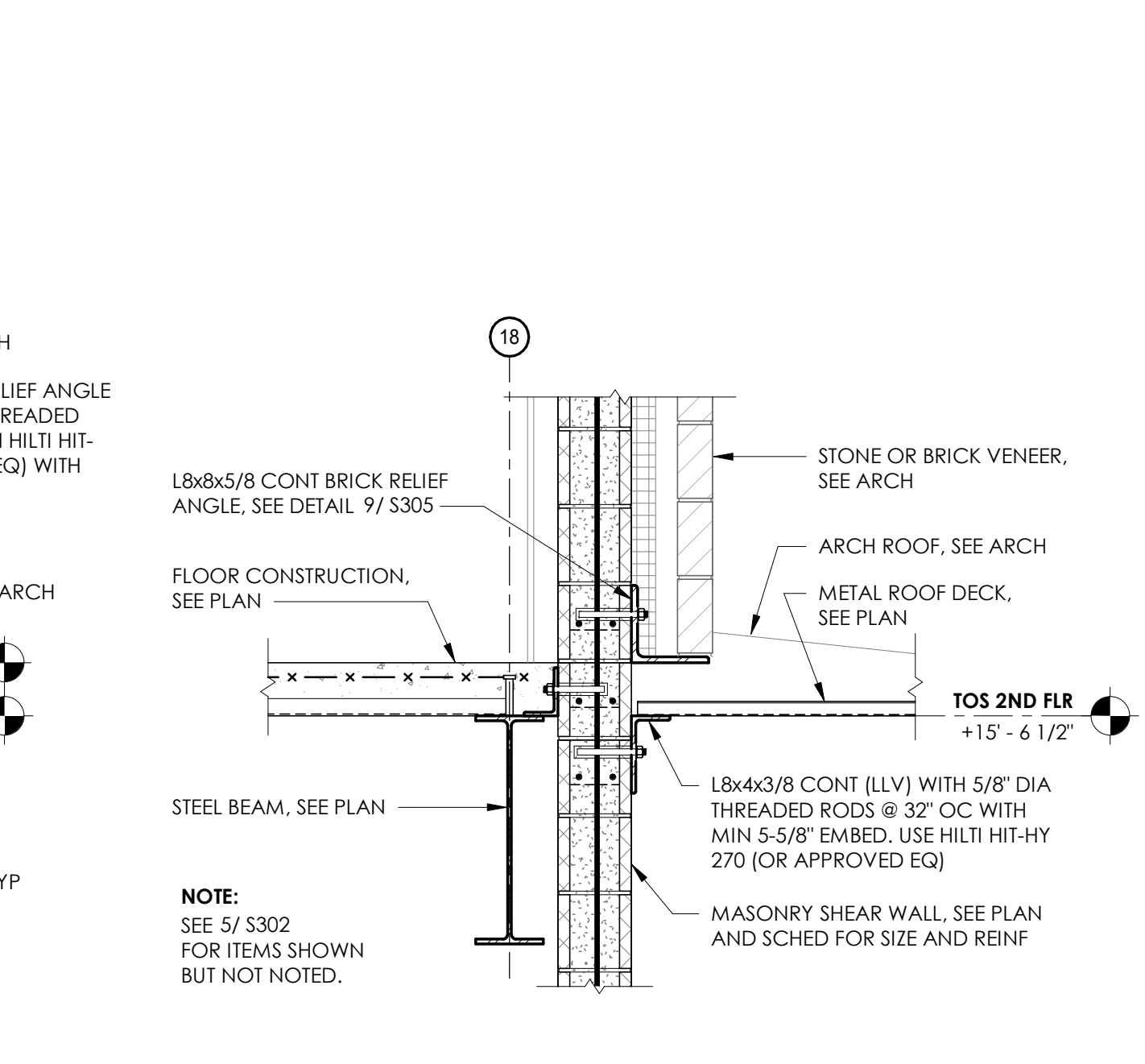
7 FRAMING SECTION



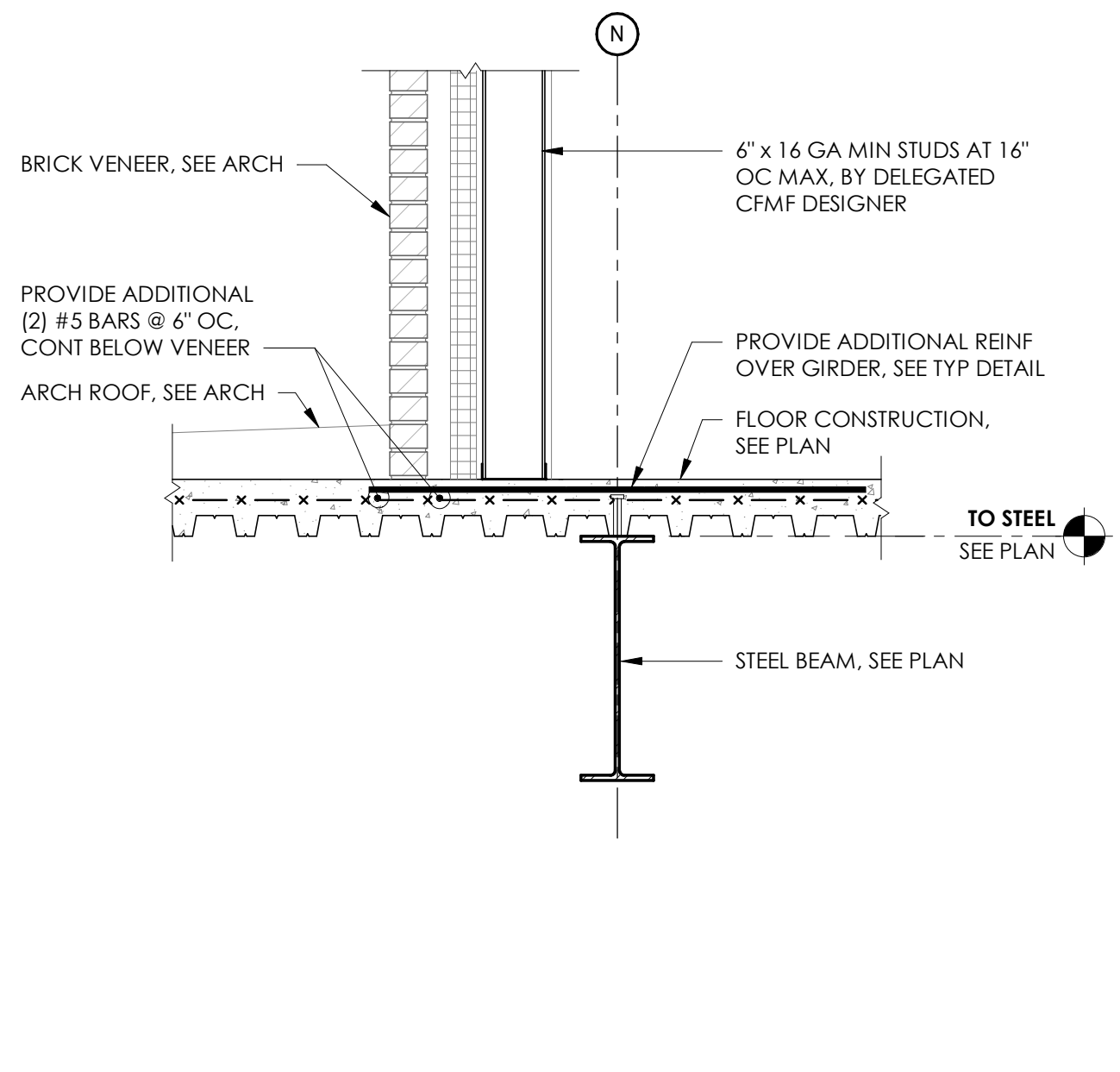
8 FRAMING SECTION



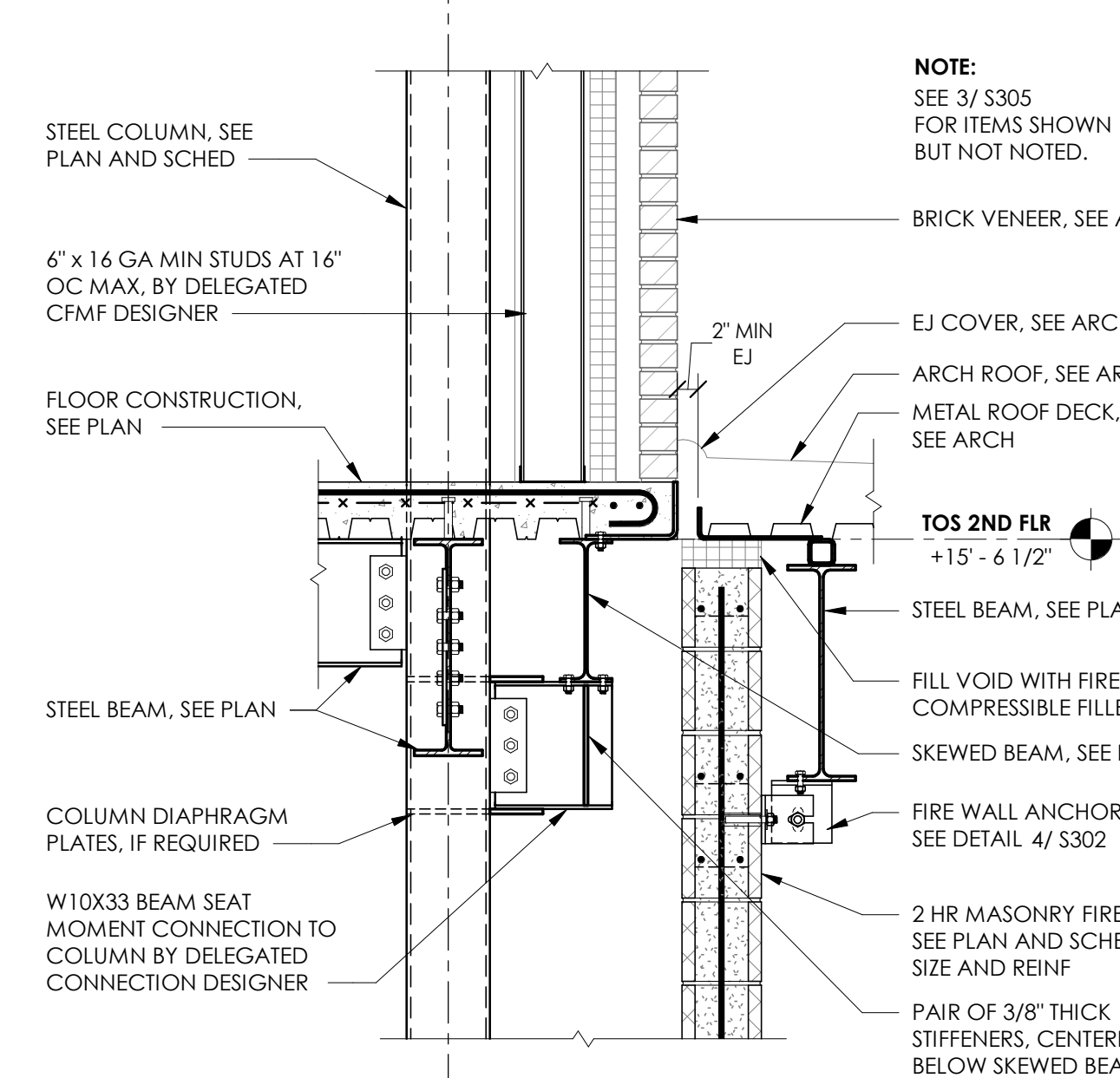
9 FRAMING SECTION



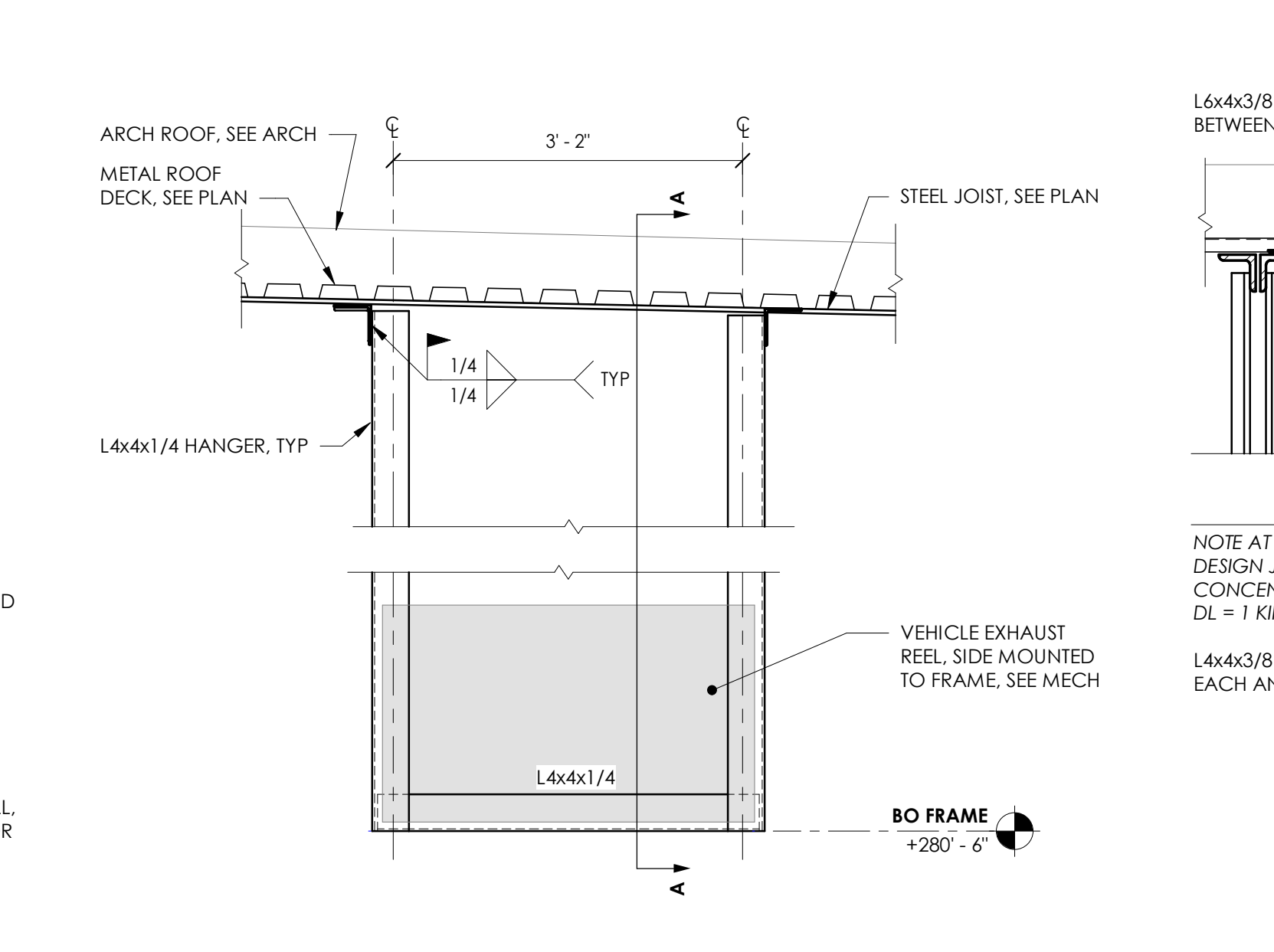
10 FRAMING SECTION



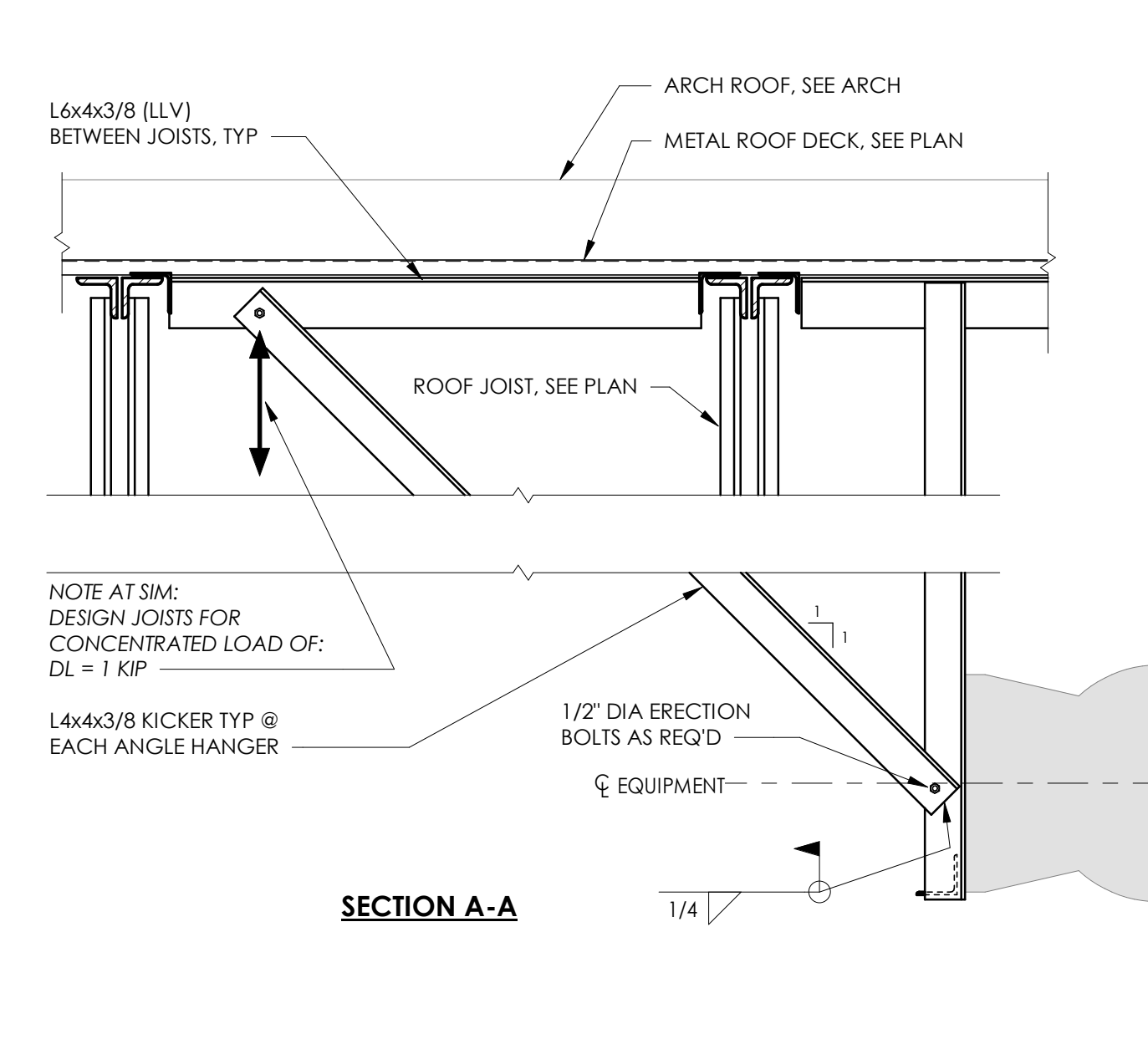
11 FRAMING SECTION



12 FRAMING SECTION



13 FRAMING SECTION



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CS ARCH

STRUCTURAL

Consultant

PASSERO
engineering architecture

Project Title

NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING

Drawn By: RSC

Checked By: LCA

Proj. #: 44-16-09-81-0-053-001

CSArch Proj. #: 108-2303

Issued for Bid: 4/15/2024

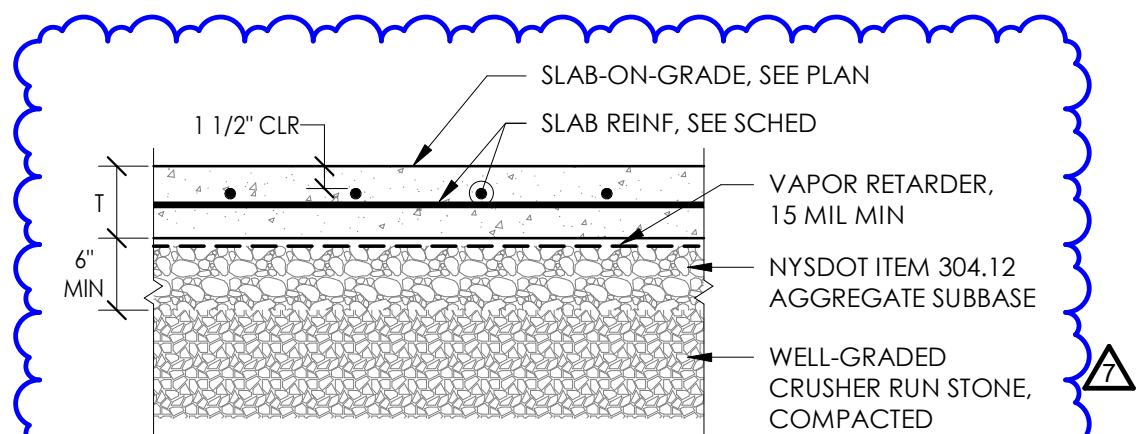
Sheet No.

CTE
S305

CONSTRUCTION DOCUMENTS

Autodesk Docs/INCSO - New CTE Bldg/INCSO CTE - Structural

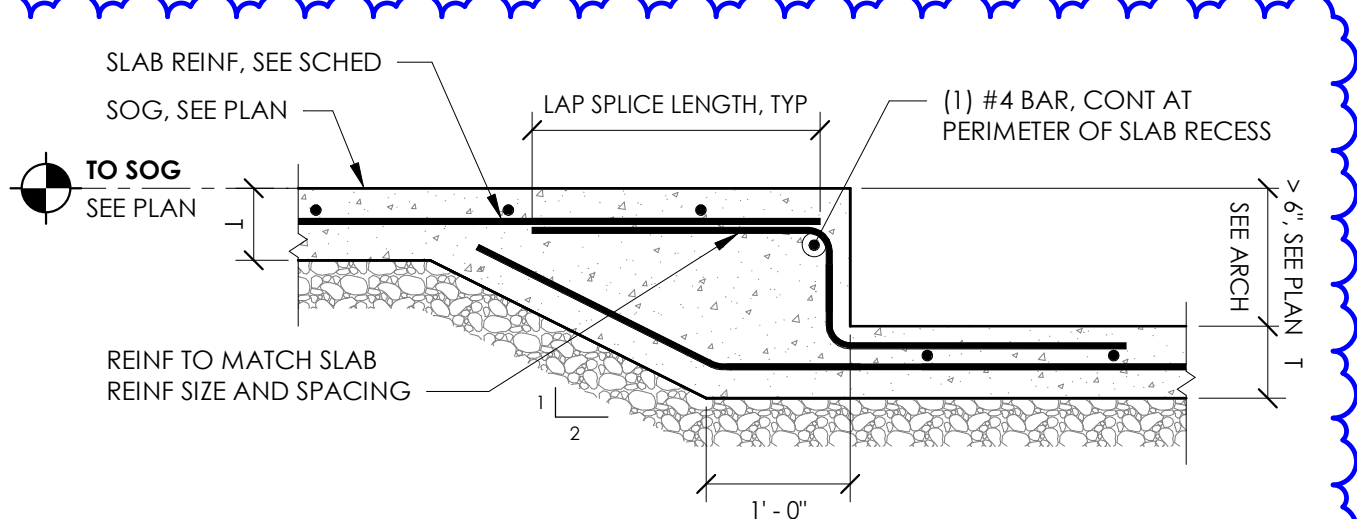
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- NOTES:**
- SEE SLAB-ON-GRADE SCHEDULE FOR SLAB THICKNESS, T.
 - PROVIDE CHAIRS TO SUPPORT SLAB REINFORCING AT SPECIFIED ELEVATION.
 - (B) FILL TYPE MATERIALS TO BE REMOVED WITHIN THE PROPOSED BUILDING FOOTPRINT AND AN ADDITIONAL HORIZONTAL DISTANCE OF 5'-0" BEYOND THE BUILDING FOOTPRINT. EXCAVATION TO BE BACKFILLED WITH COMPACTED STRUCTURAL FILL, AS SHOWN ABOVE.

1 SLAB-ON-GRADE

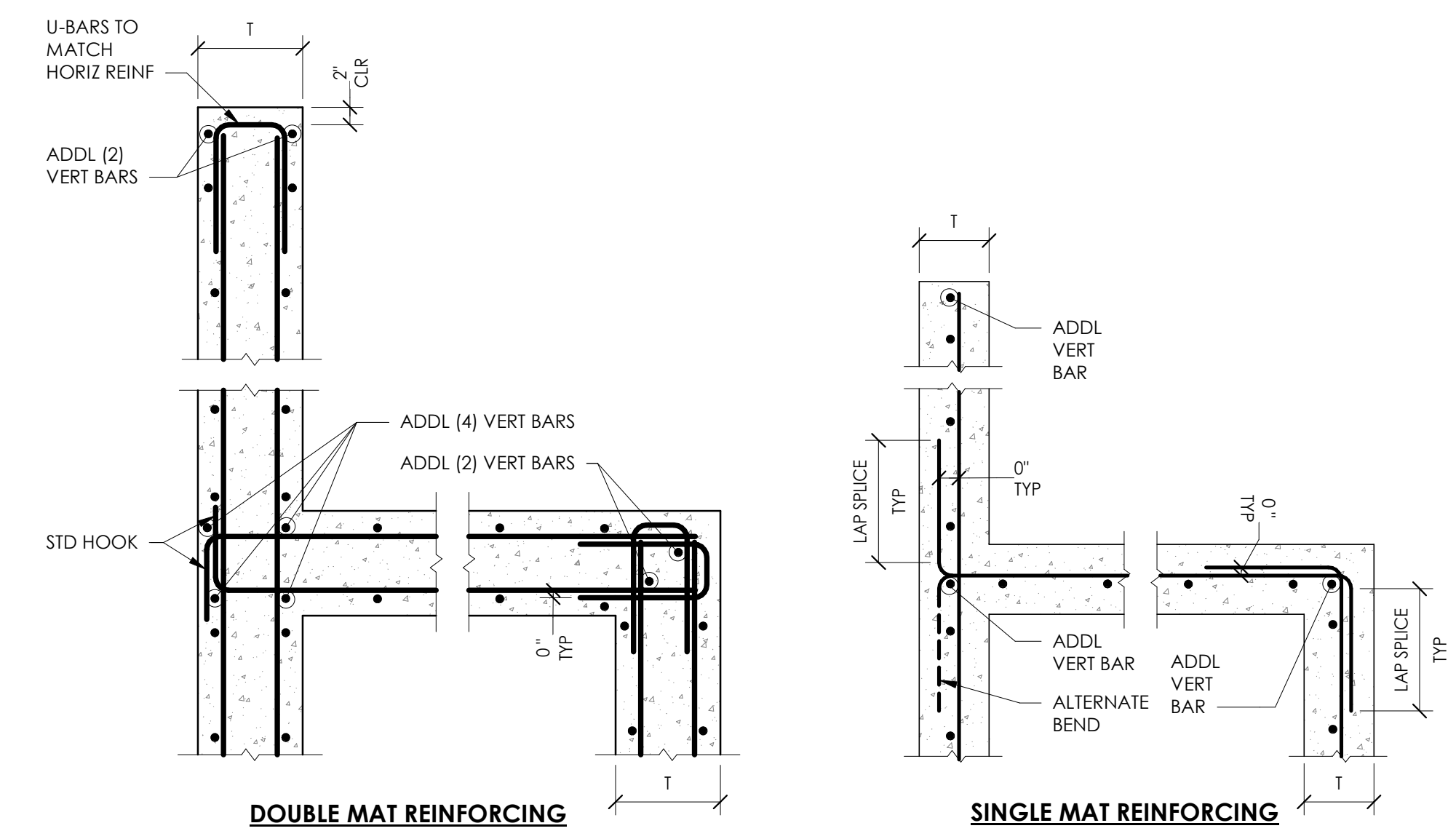
N.T.S.



- NOTES:**
- SEE ARCH DRAWINGS FOR LOCATION AND DEPTH OF SLAB DEPRESSION.
 - SEE TYPICAL SLAB-ON-GRADE DETAIL, ON THIS SHEET, FOR SLAB DETAILS NOT SHOWN.
 - SEE SLAB-ON-GRADE SCHEDULE FOR SLAB THICKNESS.

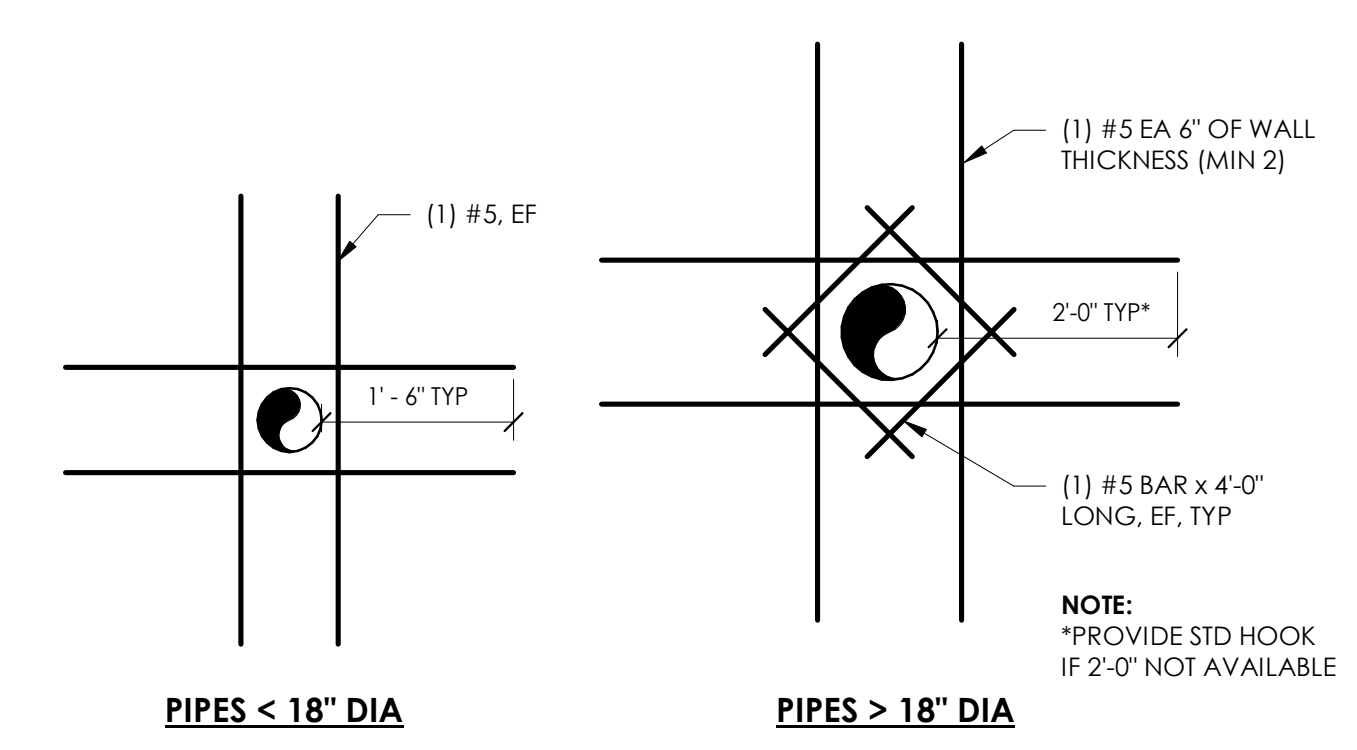
2 SLAB-ON-GRADE DEPRESSION > 6" DETAIL

N.T.S.



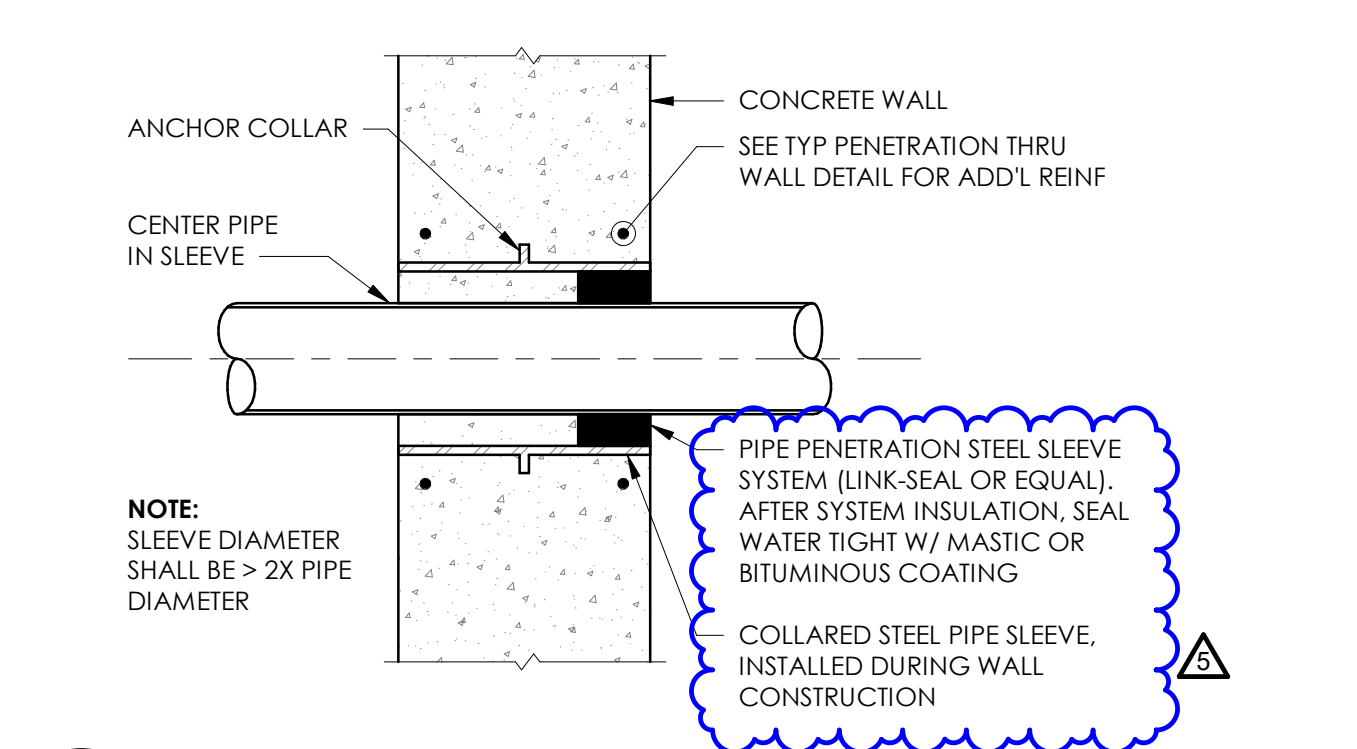
10 TYPICAL CONCRETE WALL REINFORCING

N.T.S.



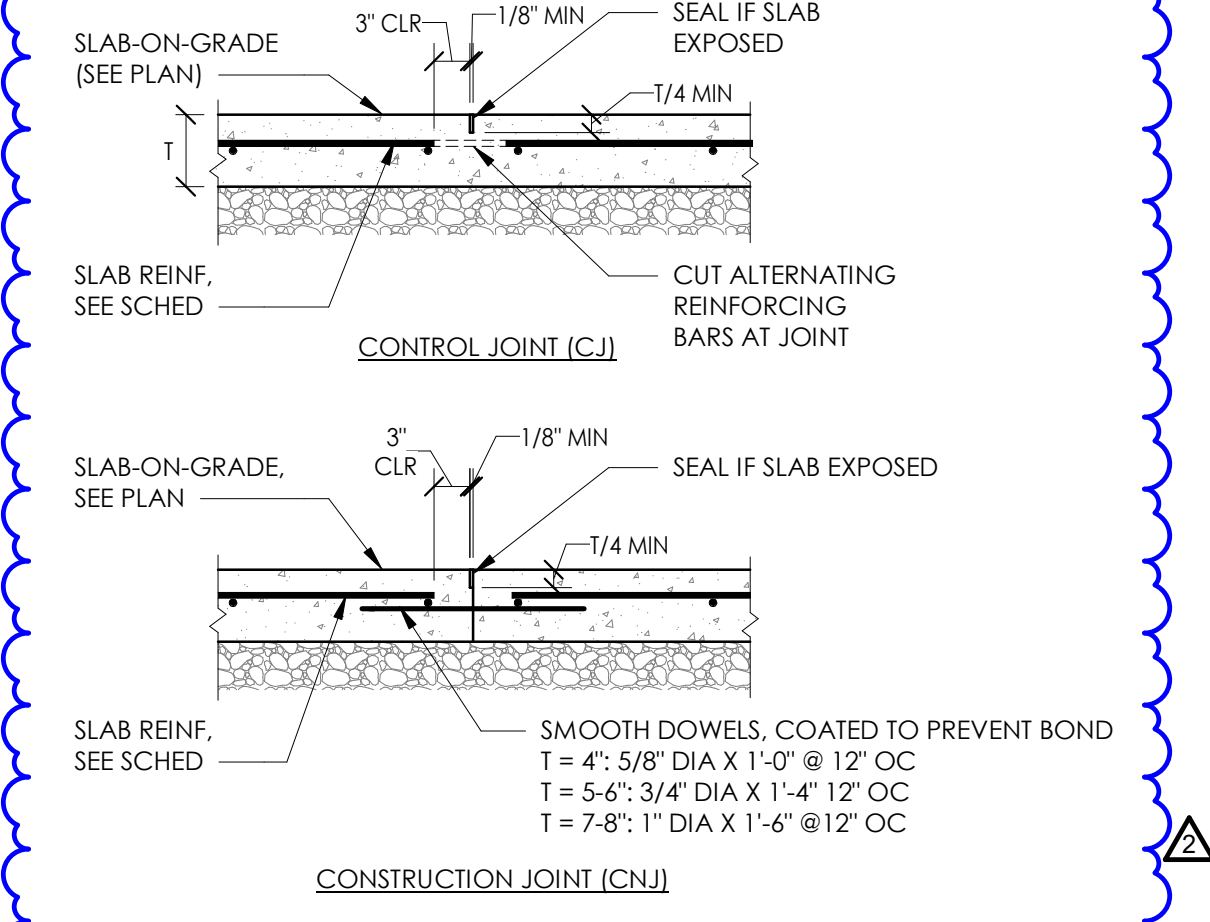
14 PIPE OPENING IN CONCRETE WALL

N.T.S.



15 PIPE SLEEVE BELOW GRADE

N.T.S.



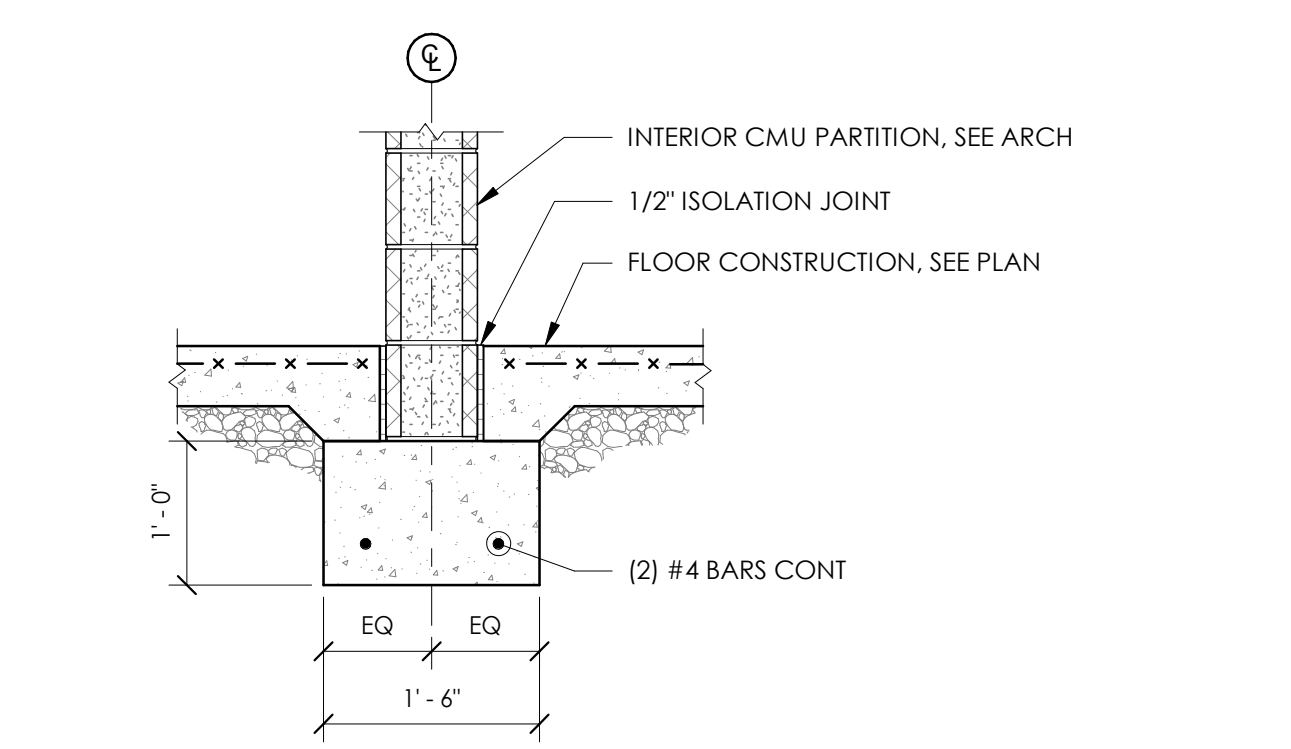
- NOTES:**
- SEE TYPICAL SLAB-ON-GRADE DETAIL FOR INFORMATION NOT SHOWN.
 - IF FORMED JOINT IS USED, INSERT 1/8\"/>

3 SOG CONTROL/CONSTRUCTION JOINT

N.T.S.

4 THICKENED SLAB AT STEEL STAIR STRINGER

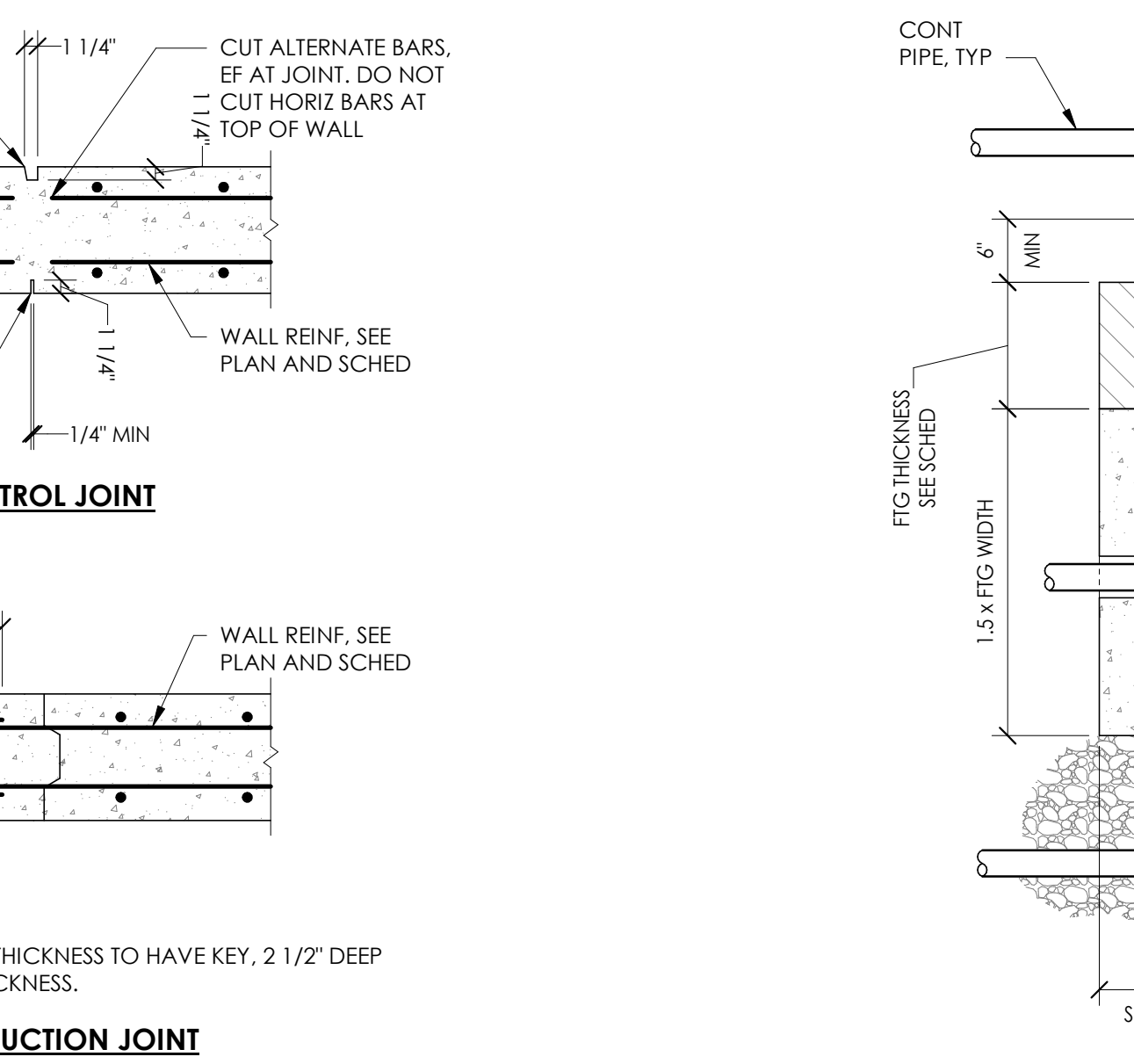
N.T.S.



- NOTES:**
- SEE FOUNDATION PLAN FOR SLAB THICKNESS.
 - PROVIDE CONTINUOUS FOOTING UNDER ALL INTERIOR CMU PARTITIONS EXCEEDING 8'-0" IN LENGTH.
 - SEE TYPICAL SLAB-ON-GRADE DETAIL, ON THIS SHEET, FOR SLAB DETAILS NOT SHOWN.

5 FOOTING DETAIL AT CMU PARTITION WALL

N.T.S.

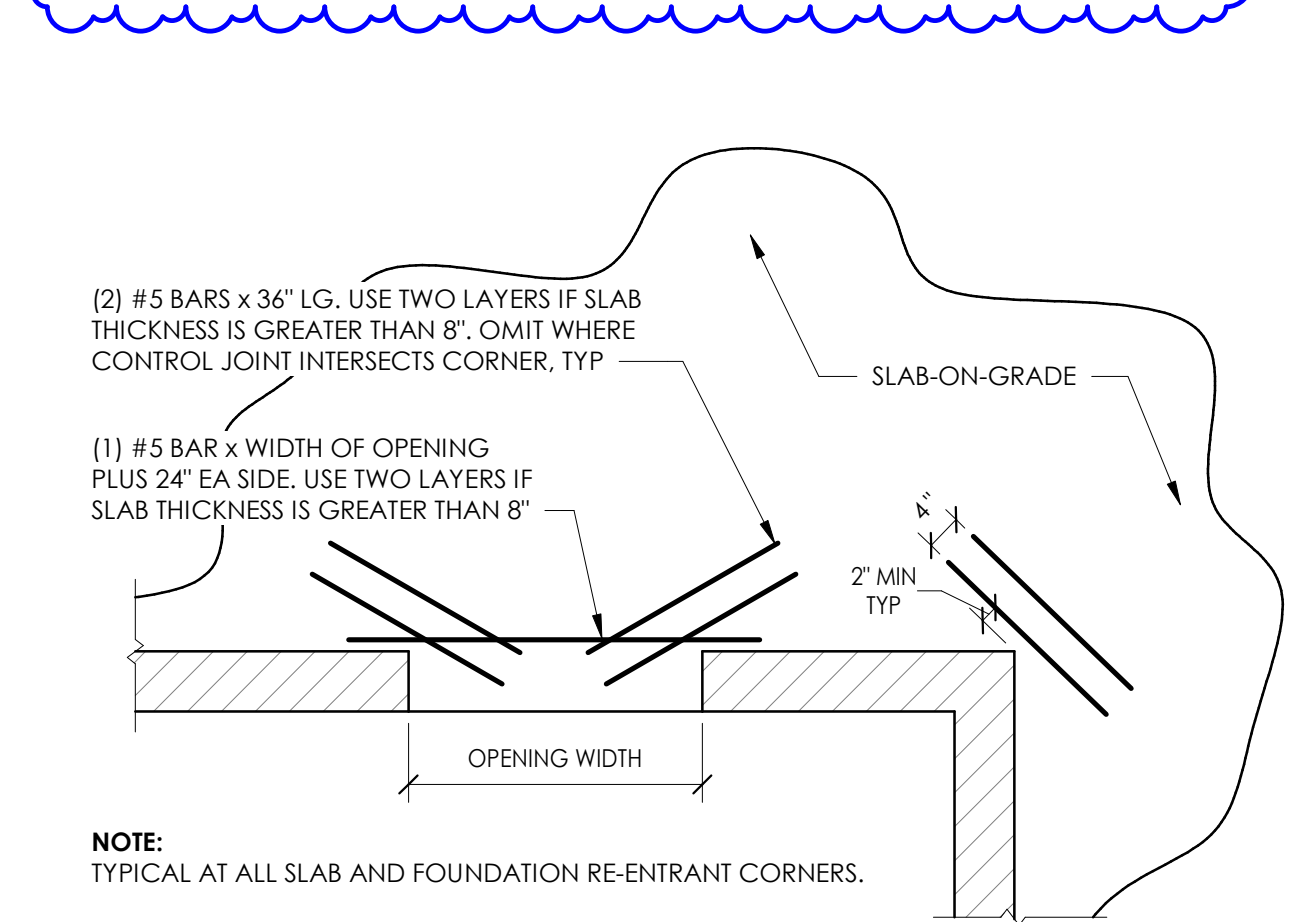


11 TYPICAL CONCRETE WALL JOINTS

N.T.S.

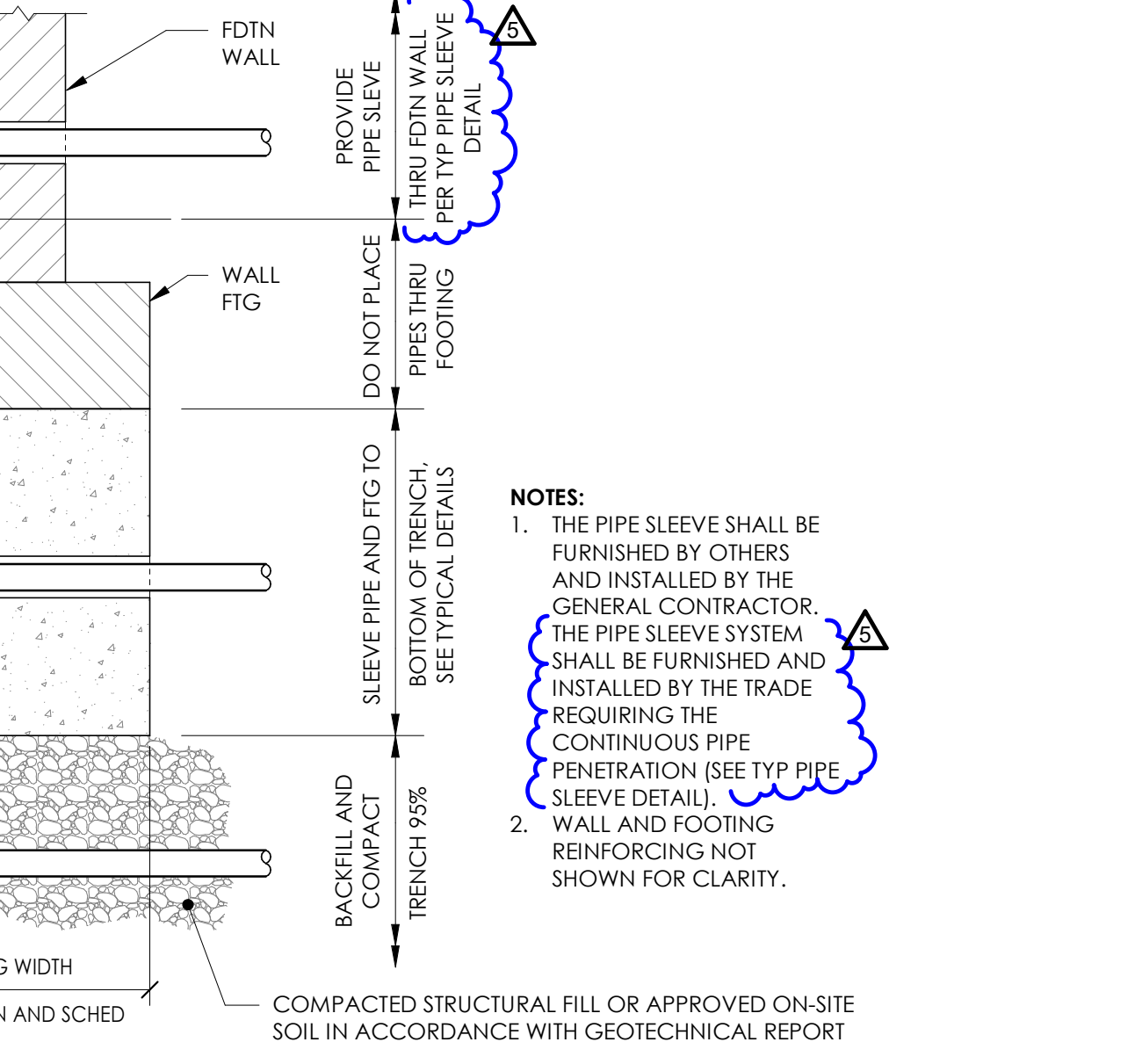
6 SLAB-ON-GRADE DEPRESSION < 6\"/>

N.T.S.



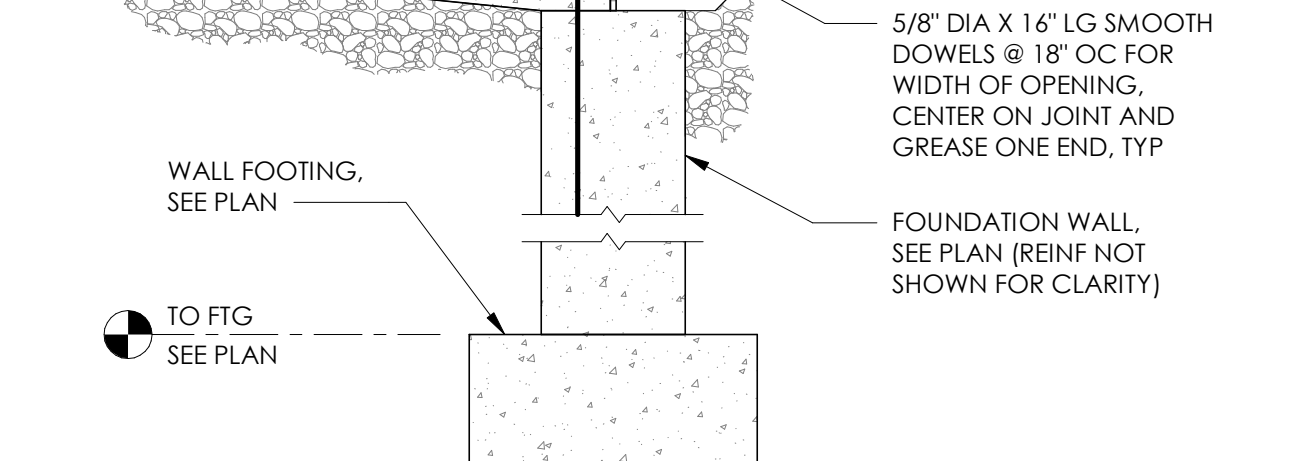
7 REENTRANT CORNER REINFORCEMENT

N.T.S.



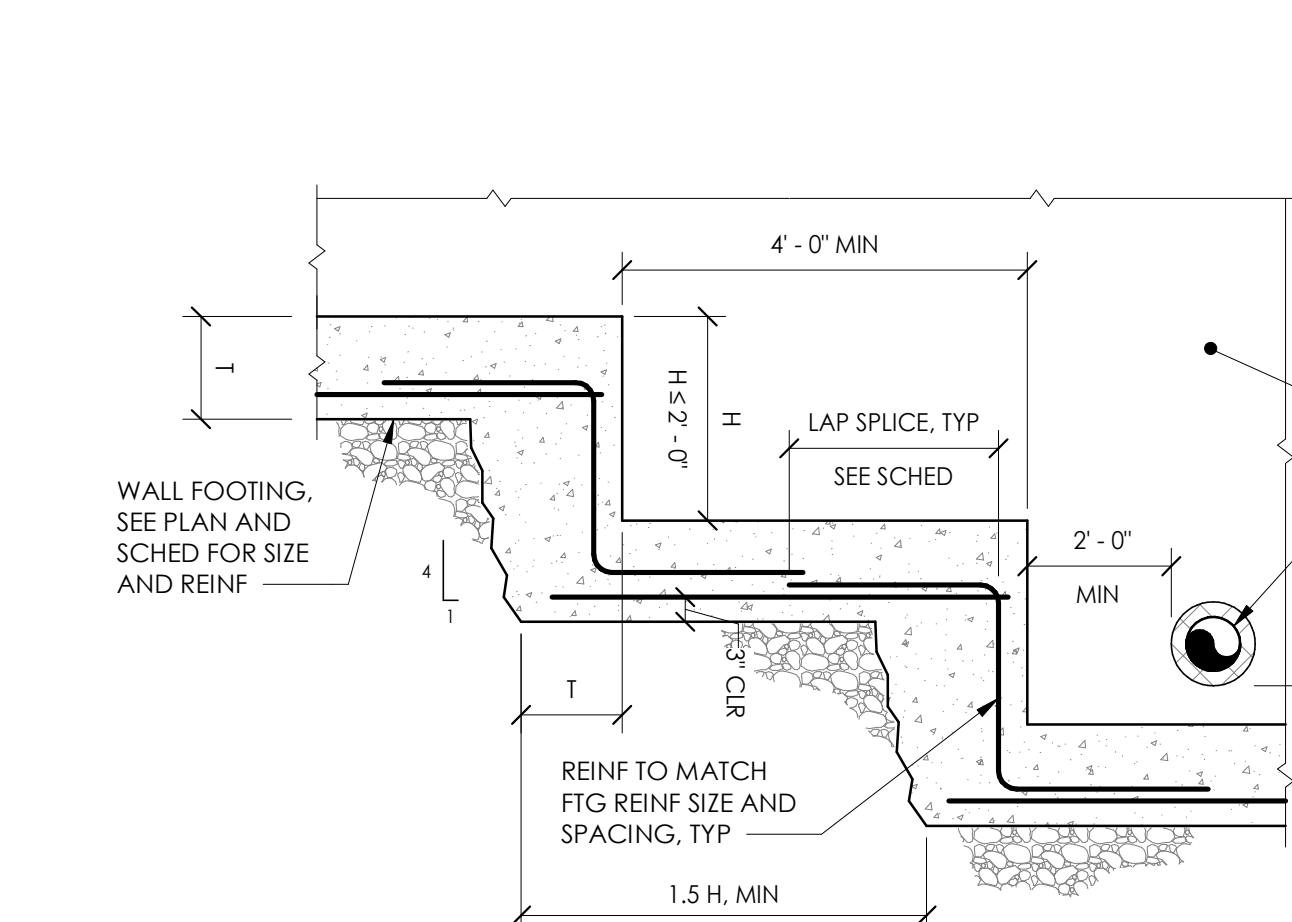
12 TYPICAL PIPES AT FOUNDATION

N.T.S.



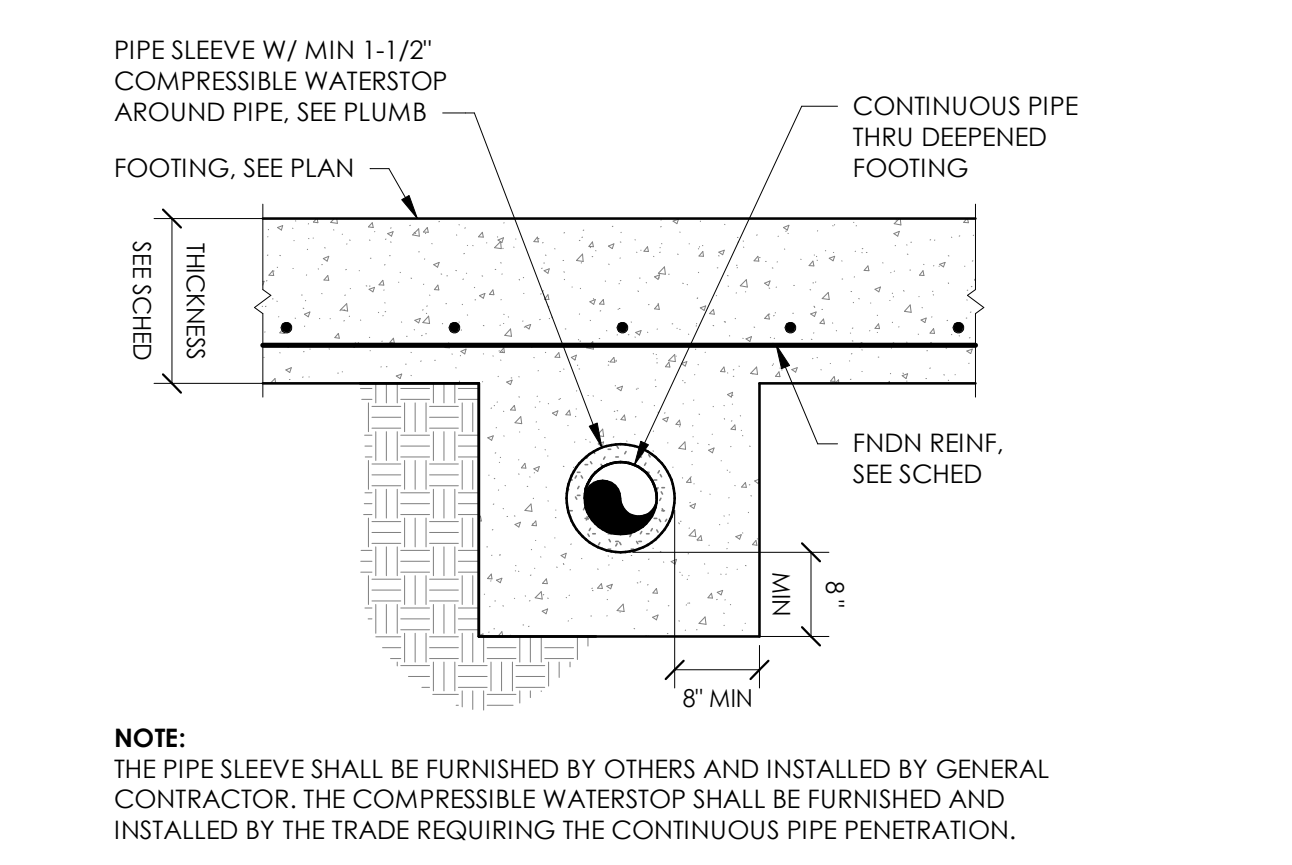
8 TYPICAL SLAB AT EXTERIOR DOOR

N.T.S.



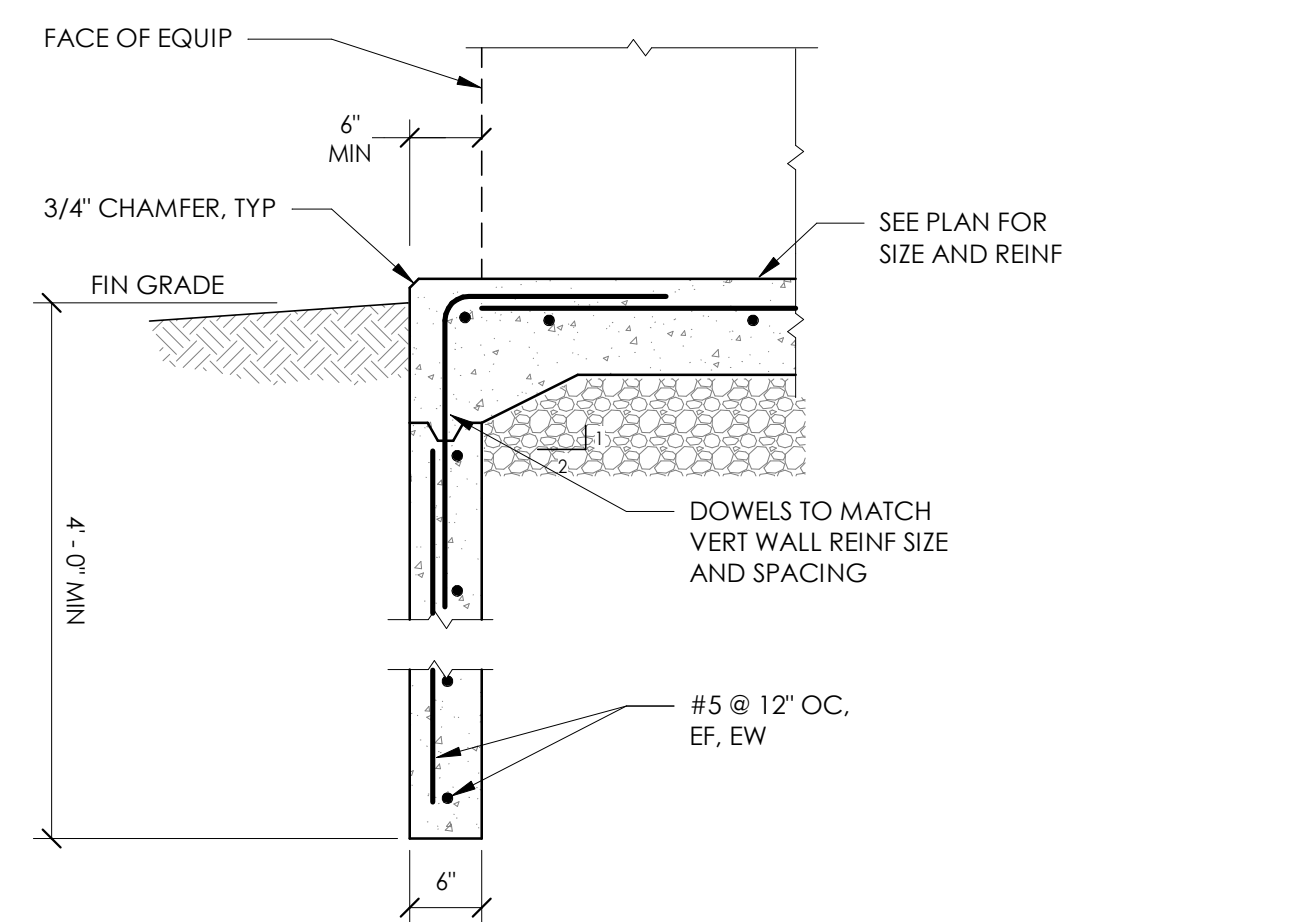
9 TYPICAL WALL FOOTING STEP DETAIL

N.T.S.



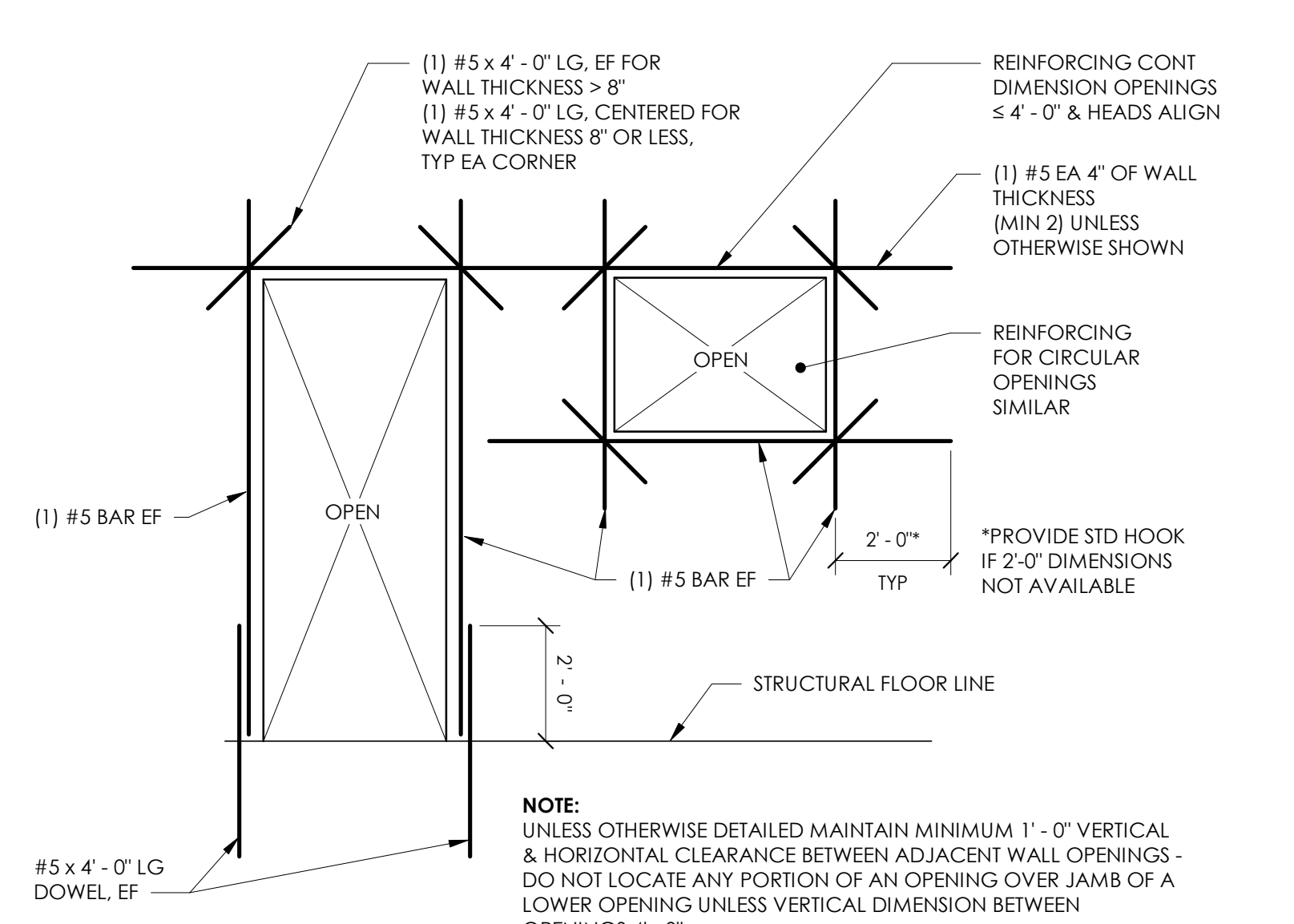
13 DEEPEENED FOOTING AT PIPE

N.T.S.



17 EXTERIOR EQUIPMENT PAD

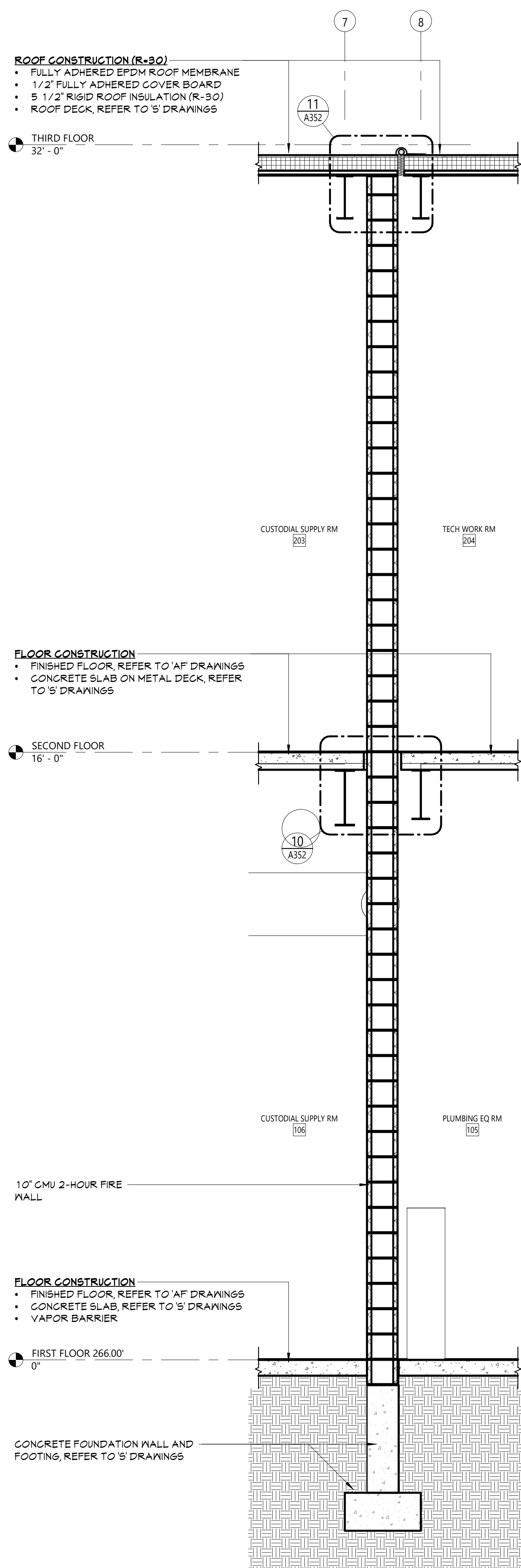
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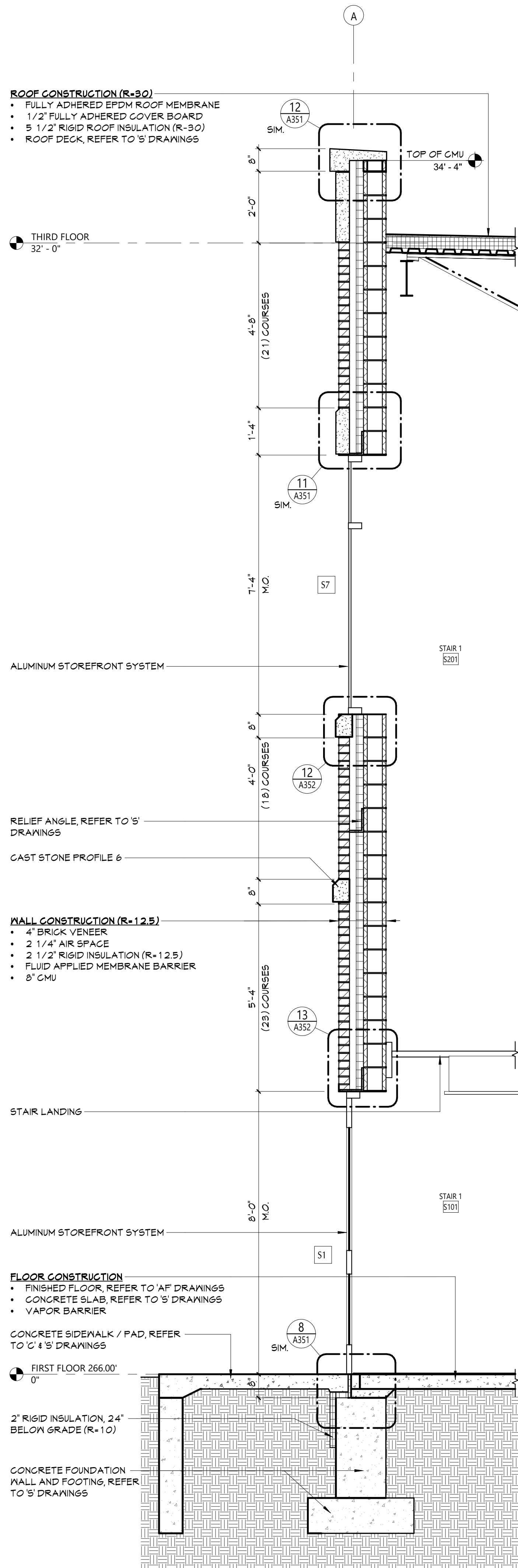
16 REINF AT OPENING IN CONCRETE WALLS

3/4\"/>

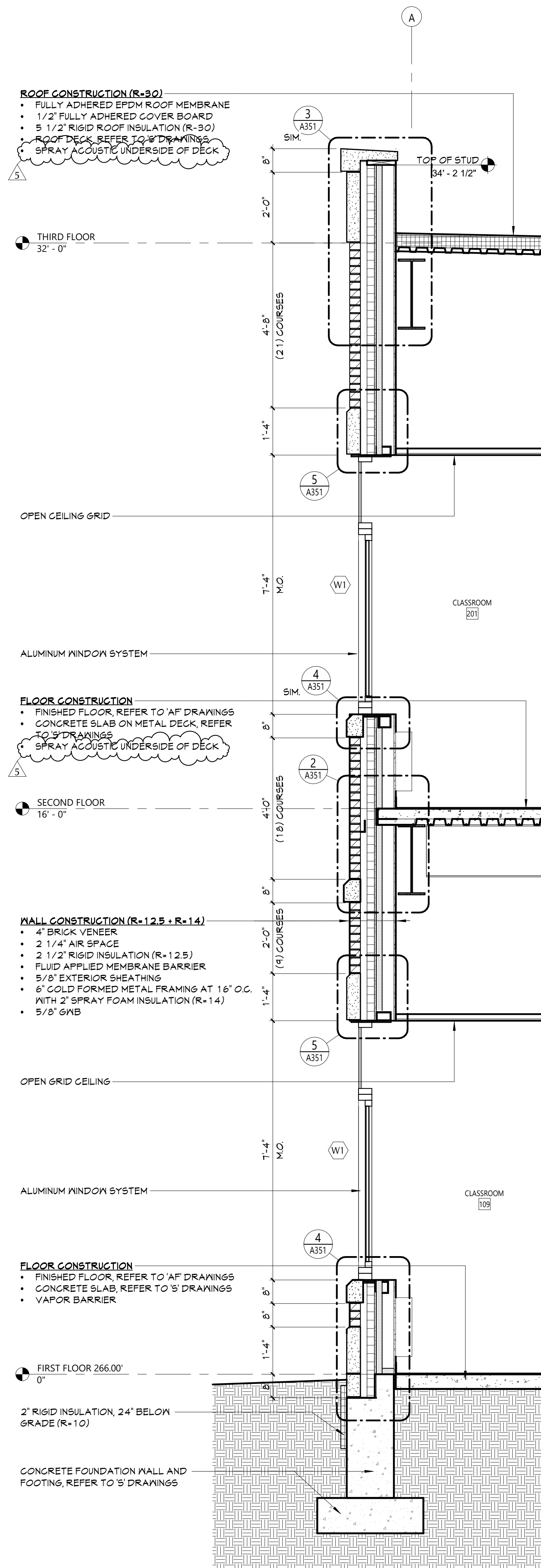
Autodesk Docs/NECSO - New CTE Bldg/08-2303 NECSO CTE - ARCH-01



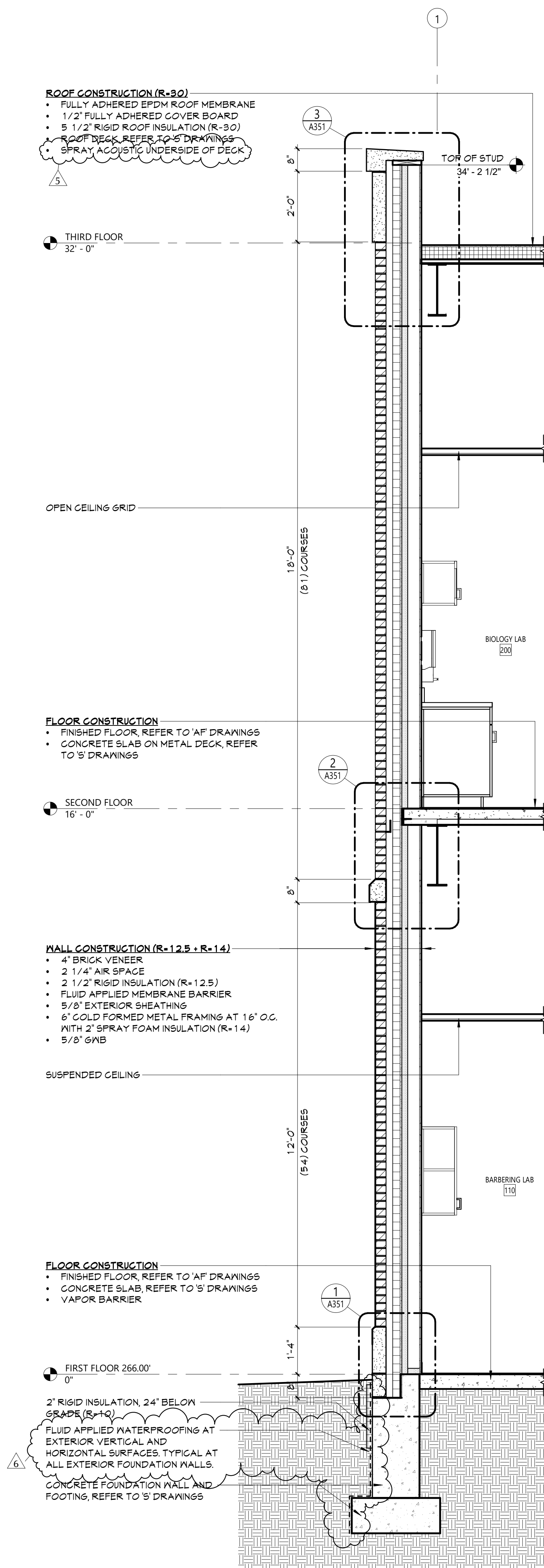
4 WALL SECTION - FIRE WALL
A301 1/2" = 1'-0"



3 WALL SECTION
A301 1/2" = 1'-0"



2 WALL SECTION
A301 1/2" = 1'-0"



1 WALL SECTION
A301 1/2" = 1'-0"

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Consultant

NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING

Project Title



REV	DATE	DESCRIPTION
1	04/10/24	Rev Addition V5
2	02/05/24	Rev Addition V5

Drawn By:
Checked By:
Proj. #: 44-16-00-81-0-053-001
CSArch Proj. #: 108-2303
Issued for Bid: 4/15/2024

Sheet Title

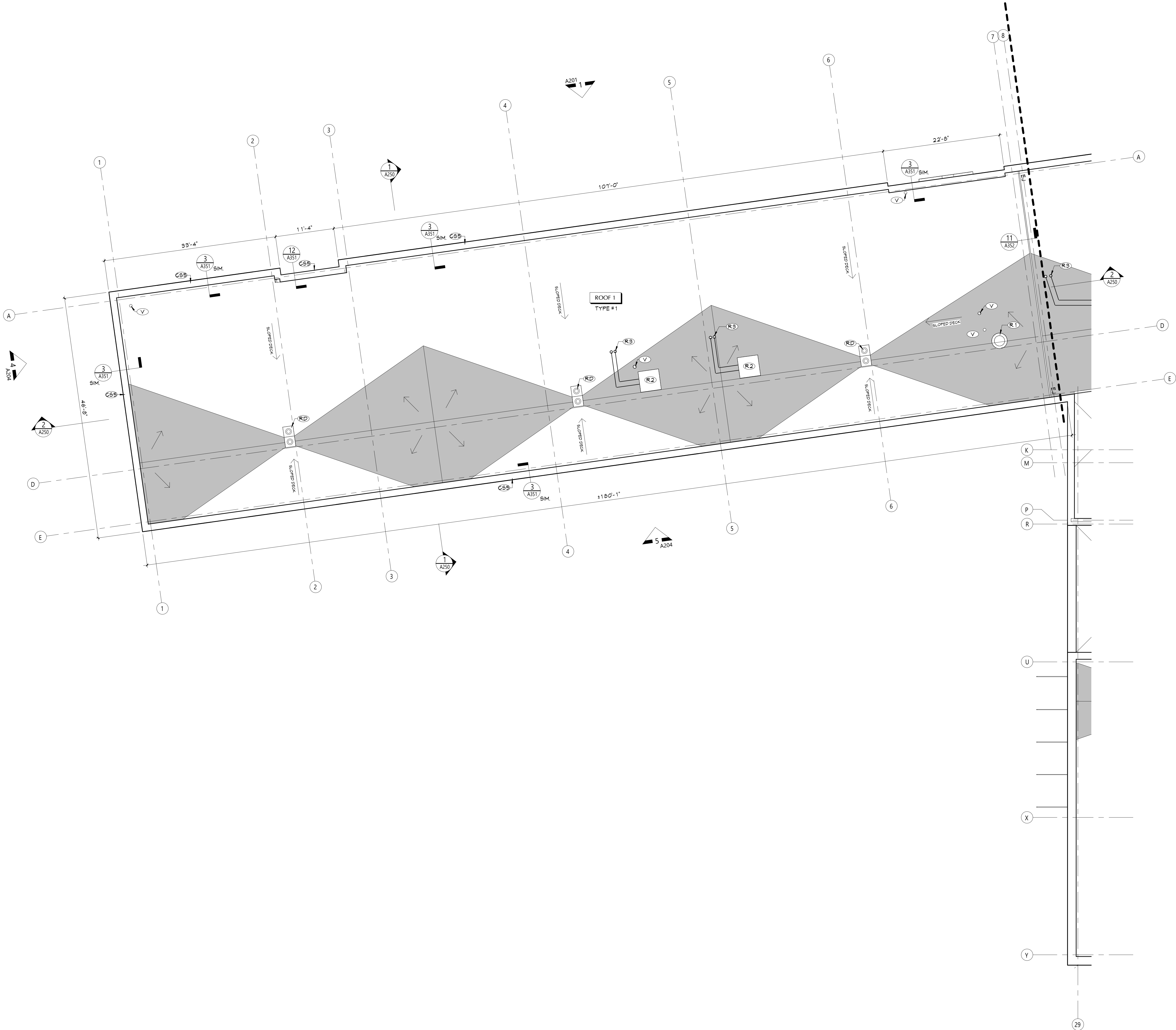
WALL
SECTIONS -
AREA 1

Sheet No.

CTE
A301

CONSTRUCTION DOCUMENTS

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1 PARTIAL ROOF PLAN - AREA 1
A411 1/8" = 1'-0"

ROOF GENERAL NOTES

- CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY; REFER TO MECHANICAL DRAWINGS. COORDINATE ACTUAL SIZE OF CURBS IN APPROVED SUBMITTALS.
- ROOF INSULATION FASTENERS TO ENGAGE HIGH POINT OF STEEL DECK FLUTES.

ROOF DESCRIPTIONS

ROOF TYPE #1

- FULLY ADHERED EPDM ROOF MEMBRANE
- 1/2 COVER BOARD
- (2) LAYERS OF RIGID ROOF INSULATION (TOTAL THICKNESS 5 1/2" MIN R-30)
- METAL DECK, REFER TO 'S' DRAWINGS

ROOF TYPE #2

- FULLY ADHERED EPDM ROOF MEMBRANE
- 1/2 COVER BOARD
- TAPERED INSULATION, SLOPE 1/4" PER FOOT, U.N.O.
- (2) LAYERS OF RIGID ROOF INSULATION (TOTAL THICKNESS 5 1/2" MIN R-30)
- METAL DECK, REFER TO 'S' DRAWINGS

ROOF TYPE #3

- FULLY ADHERED EPDM ROOF MEMBRANE
- 1/2 COVER BOARD
- TAPERED INSULATION, SLOPE 1/4" PER FOOT, U.N.O.
- (2) LAYERS OF RIGID ROOF INSULATION (TOTAL THICKNESS 5 1/2" MIN R-30)
- VAPOR BARRIER
- CONCRETE ON METAL DECK, REFER TO 'S' DRAWINGS

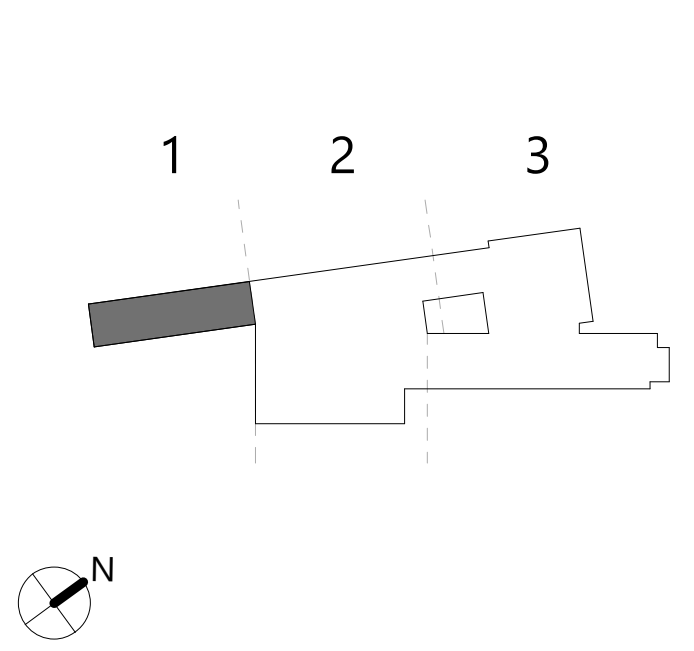
ROOF LEGEND

- RD DUAL ROOF DRAIN, REFER TO PLUMBING DRAWINGS
- SC ROOF SCUPPER
- V VENT PIPE, REFER TO PLUMBING DRAWINGS
- ROOF PENETRATIONS, REFER TO MECHANICAL DRAWINGS
- AH ROOF ACCESS HATCH
- INDICATES DIRECTION OF SLOPE AT 1/4" PER FOOT MINIMUM, U.N.O.
- ROOF LADDER
- EJ EXPANSION JOINT
- TAPERED INSULATION, SLOPE 1/4" PER FOOT, U.N.O.
- ROOF CRICKET, SLOPE 1/2" PER FOOT, U.N.O.

KEYNOTES

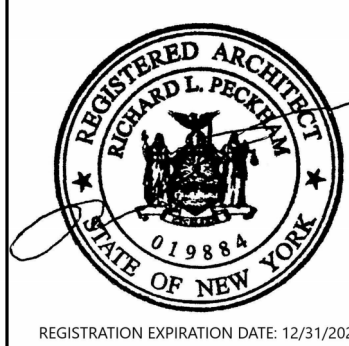
#	DESCRIPTION
C55	CAST STONE FROVE #5
R1	MECHANICAL UNIT ON CURB, REFER TO DETAIL 4/A450
R2	MECHANICAL UNIT ON RAILS, REFER TO DETAIL 5/A450
R3	PIPE PORTAL THROUGH ROOF, REFER TO DETAIL 2/A450
RD	DUAL ROOF DRAIN, REFER TO PLUMBING DRAWINGS
V	VENT, REFER TO PLUMBING DRAWINGS

KEY PLAN



NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING

Project Title



#	DATE	DESCRIPTION
1	6/15/2024	Rev Addition V5
2	5/21/2024	Rev Addition V5

Drawn By:
Checked By:
Proj. #: 44-16-00-01-0-003-001
CSArch Proj. #: 108-2303
Issued for Bid: 4/15/2024

Sheet Title

PARTIAL ROOF
PLAN - AREA 1

Sheet No.

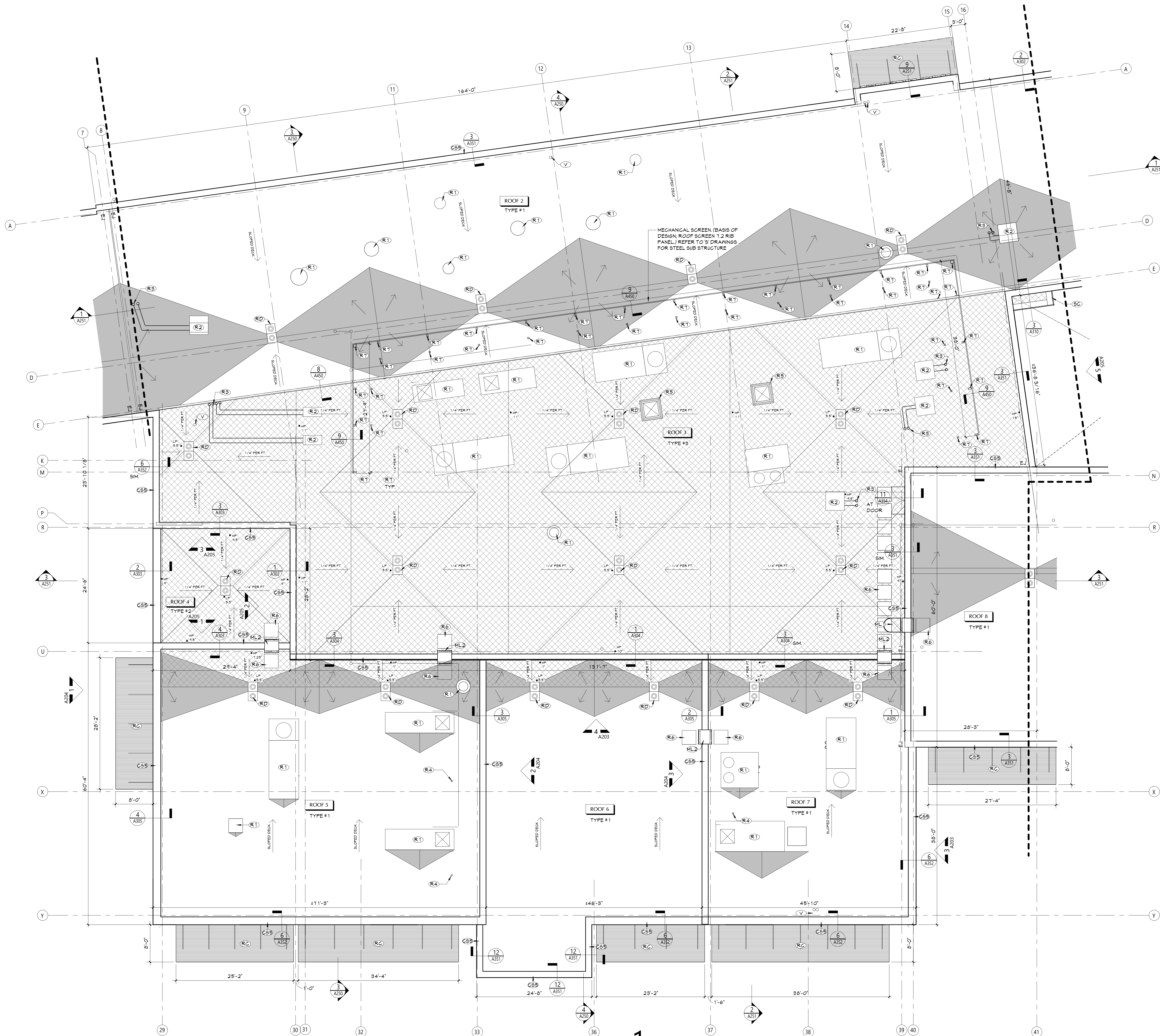
CTE
A411

CONSTRUCTION DOCUMENTS

Consultant

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CSARCH



1
A412 PARTIAL ROOF PLAN - AREA 2
1/8" = 1'-0"

ROOF GENERAL NOTES

- CURB SIZES SHOWN REFLECT PENETRATING DUCT SIZE. CURB SIZE MAY VARY. REFER TO MECHANICAL DRAWINGS. COORDINATE ACTUAL SIZE OF CURBS IN APPROVED SUBMITTALS.
- ROOF INSULATION FASTENERS TO ENGAGE HIGH POINT OF STEEL DECK FLUTES.

ROOF DESCRIPTIONS

- ROOF TYPE #1**
- FULLY ADHERED EPDM ROOF MEMBRANE
 - 1/2 COVER BOARD
 - (2) LAYERS OF RIGID ROOF INSULATION (TOTAL THICKNESS 5 1/2", MIN R-30)
 - METAL DECK, REFER TO 'S' DRAWINGS
- ROOF TYPE #2**
- FULLY ADHERED EPDM ROOF MEMBRANE
 - 1/2 COVER BOARD
 - TAPERED INSULATION, SLOPE 1/4" PER FOOT, U.N.O.
 - (2) LAYERS OF RIGID ROOF INSULATION (TOTAL THICKNESS 5 1/2", MIN R-30)
 - METAL DECK, REFER TO 'S' DRAWINGS
- ROOF TYPE #3**
- FULLY ADHERED EPDM ROOF MEMBRANE
 - 1/2 COVER BOARD
 - TAPERED INSULATION, SLOPE 1/4" PER FOOT, U.N.O.
 - (2) LAYERS OF RIGID ROOF INSULATION (TOTAL THICKNESS 5 1/2", MIN R-30)
 - VAPOR BARRIER
 - CONCRETE/METAL DECK, REFER TO 'S' DRAWINGS

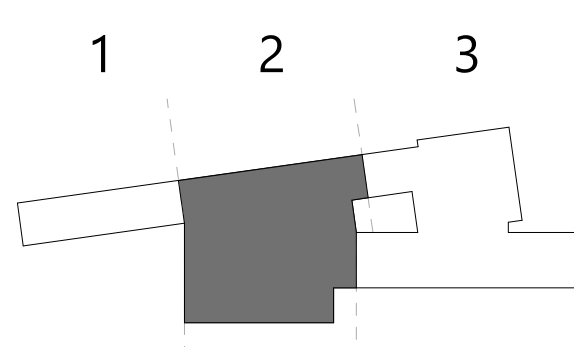
ROOF LEGEND

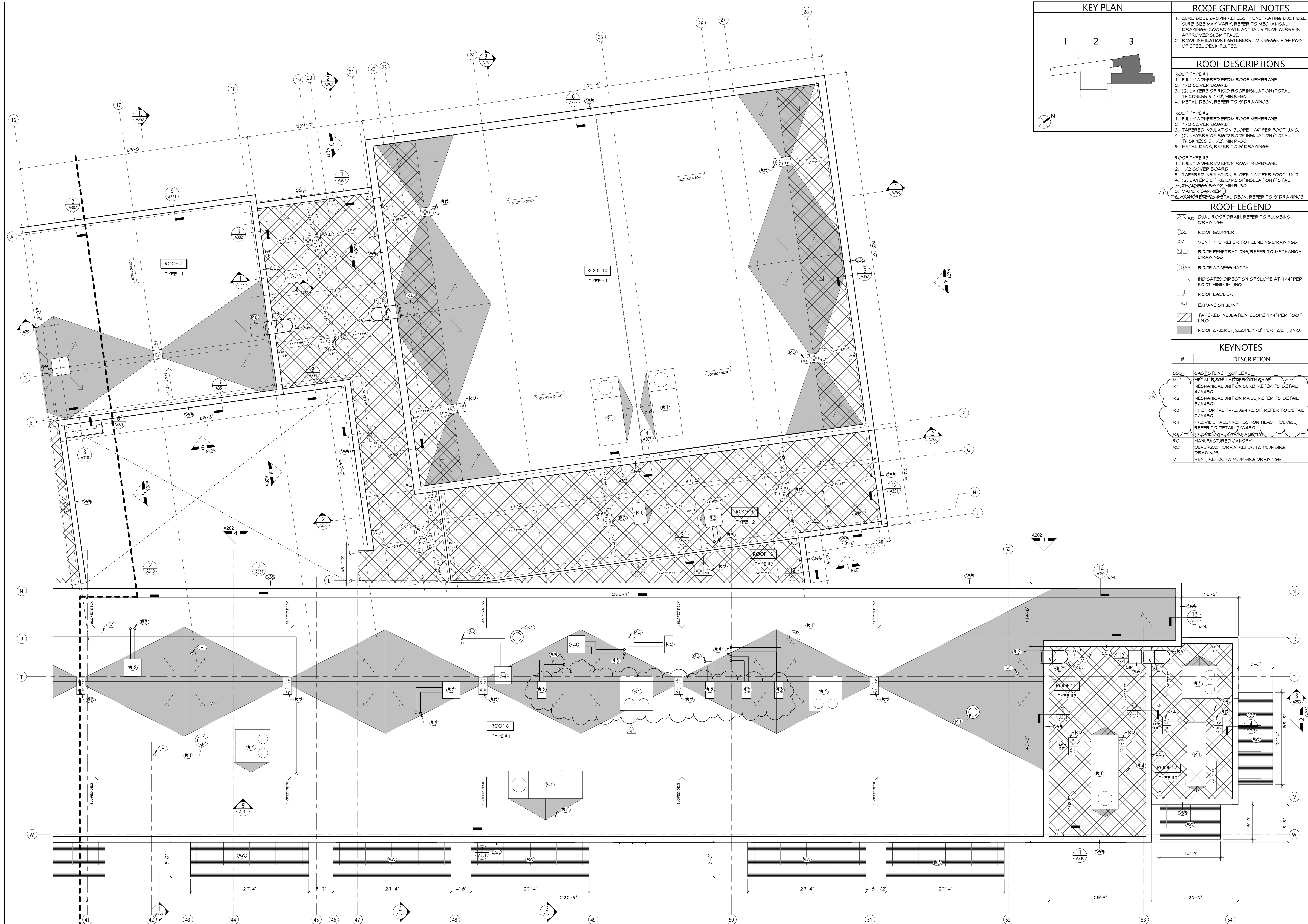
- RD DUAL ROOF DRAIN, REFER TO PLUMBING DRAWINGS
- SC ROOF SCUPPER
- V VENT PIPE, REFER TO PLUMBING DRAWINGS
- RP ROOF PENETRATIONS, REFER TO MECHANICAL DRAWINGS
- RAH ROOF ACCESS HATCH
- INDICATES DIRECTION OF SLOPE AT 1/4" PER FOOT MINIMUM, U.N.O.
- RL ROOF LADDER
- EJ EXPANSION JOINT
- TAPERED INSULATION, SLOPE 1/4" PER FOOT, U.N.O.
- ROOF CRICKET, SLOPE 1/2" PER FOOT, U.N.O.

KEYNOTES

#	DESCRIPTION
CS	CAST STONE PROFILE #5
ML	METAL ROOF LADDER WITH GAGE
ML2	METAL ROOF LADDER
R1	MECHANICAL UNIT ON CURB, REFER TO DETAIL 4/A450
R2	MECHANICAL UNIT ON RAILS, REFER TO DETAIL 5/A450
R3	PIPE PORTAL THROUGH ROOF, REFER TO DETAIL 2/A450
R4	PROVIDE FALL PROTECTION TIE-OFF DEVICE, REFER TO DETAIL 1/A450
R5	4"x4" SCAFFOLD
R6	PROVIDE RACKWAY PADS, TYP.
RT	PROVIDE FULLY ADHERED MEMBRANE FLASHING AT STEEL STRUCTURE PENETRATIONS
RC	MANUFACTURED CANOPY
RD	DUAL ROOF DRAIN, REFER TO PLUMBING DRAWINGS
SC	ROOF SCUPPER
V	VENT, REFER TO PLUMBING DRAWINGS

KEY PLAN





1 PARTIAL ROOF PLAN - AREA 3
A413 1/8" = 1'-0"

CS ARCH

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Consultant

NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING

Project Title

Drawn By: *Author*
Checked By: *Checker*
Proj. #: 44-16-00-81-0-653-001
CSArch Proj. #: 108-2303
Issued for Bid: 4/15/2024

Sheet No.

PARTIAL ROOF
PLAN - AREA 3

CTE
A413

CONSTRUCTION DOCUMENTS

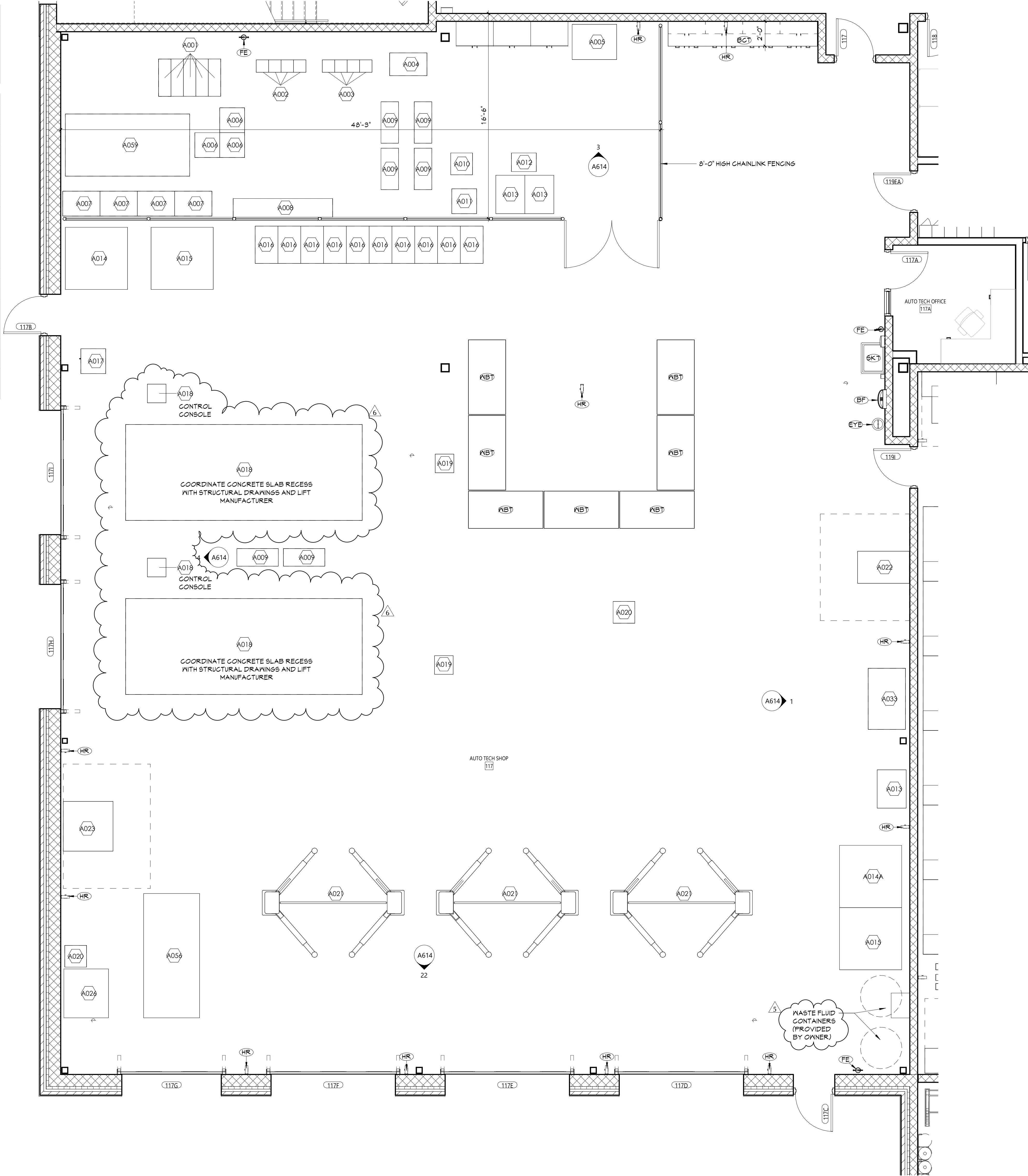
EQUIPMENT SCHEDULE - AUTO TETCH SHOP											
EQUIPMENT #	QUANTITY	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING	POWER	HORSEPOWER	WATER	DUST COLLECTION	COMPRESSED AIR	OTHER
A001	5	3-TON FLOOR JACK	SNAP-ON	FJ300	FREE STANDING	-	-	-	-	-	CONTRACTOR
A002	4	6-TON JACK STAND	SNAP-ON	JS600	FREE STANDING	-	-	-	-	-	CONTRACTOR
A003	4	4-TON JACK STAND	SNAP-ON	JS400	FREE STANDING	-	-	-	-	-	CONTRACTOR
A004	1	WORKSTATION CART	SNAP-ON	KRSC4130PCM	FREE STANDING	-	-	-	-	-	CONTRACTOR
A005	1	SAFETY CABINET	CONDOR	45AE88	FREE STANDING	-	-	-	-	-	CONTRACTOR
A006	3	WASTE OIL DRAIN	SNAP-ON	5180	FREE STANDING	-	-	-	-	-	OWNER
A007	4	ENGINE STAND	OMEGA	OMG30750	FREE STANDING	-	-	-	-	-	CONTRACTOR
A008	1	TIRE RACK	TENISCO	ZST-08045	FREE STANDING	-	-	-	-	-	CONTRACTOR
A009	6	STANDARD CREEPER	SNAP-ON	JCW62R	FREE STANDING	-	-	-	-	-	OWNER
A010	1	WELDER	MILLER ELECTRIC MFG.	907734	FREE STANDING	230V, 1 PH, 39.5A	-	-	-	-	OWNER
A011	1	AC MACHINE	SNAP-ON	EEAC333B	FREE STANDING	120V, 1PH, 10.0A	-	-	-	-	OWNER
A012	1	MLL/DRILL MACHINE	WEISS	VM18L	COUNTER	120V, 1PH, 10.0A	-	-	-	-	CONTRACTOR
A013	3	PARTS WASHER	SNAP-ON	PBD3222A	FREE STANDING	120V, 1PH, 10.0A	-	-	-	-	CONTRACTOR
A014	1	TIRE CHANGER	HUNTER ENGINEERING COMPANY	TC33	FLOOR	230V, 1PH, 6.0A	-	-	115-175 PSI	-	CONTRACTOR
A014A	1	TIRE CHANGER	HUNTER ENGINEERING COMPANY	TCRH	FLOOR	230V, 1PH, 23.0A	-	-	125+25 PSI	-	CONTRACTOR
A015	2	WHEEL BALANCER	HUNTER ENGINEERING COMPANY	SWE33	FLOOR	230V, 1PH, 10A	-	-	100-175 PSI	-	CONTRACTOR
A016	10	TOOL CART	SNAP-ON	KRBC7TDPIJ	FREE STANDING	-	-	-	-	-	OWNER
A017	1	OIL FILTER CRUSHER	RANGER	95-30ECH	FREE STANDING	230V, 1PH, 10A	2HP	-	-	-	CONTRACTOR
A018	2	SCISSOR LIFT	HUNTER ENGINEERING COMPANY	HS1440R	FREE STANDING	230V, 1PH, 26.0A	-	-	130-150 PSI	-	CONTRACTOR
A019	2	HEAD UNIT	HUNTER ENGINEERING COMPANY	HS421CDE	FREE STANDING	230V, 1PH, 3.0A	-	-	-	-	CONTRACTOR
A020	2	BENCH GRINDER WITH STAND	JET	S77102K & 48RJ30	FREE STANDING	120V, 1PH, 12.0A	1HP	-	-	-	CONTRACTOR
A021	3	POST LIFT	CHALLENGER LIFTS	CL12A	FLOOR	230V, 1PH, 30.0A	-	-	-	-	CONTRACTOR
A022	1	AIR/HAND OPERATED H-FRAME PRESS	BAILEIGH INDUSTRIAL	HSP-50A	FLOOR	-	-	-	YES	-	CONTRACTOR
A023	1	STRUT SPRING COMPRESSOR	BRANICK	7600	WALL	-	-	-	-	-	CONTRACTOR
A026	1	BRAKE LATHE	HUNTER ENGINEERING COMPANY	BL73	FLOOR	230V, 1PH, 7.5A 50/60 Hz, 1ph	1.5 HP	-	-	-	CONTRACTOR
A033	1	ENGINE HOIST	GRAINGER	32C71	MOBILE	-	-	-	-	-	CONTRACTOR
A056	1	MOTORCYCLE LIFT	BENDPAK	RML-1500XL	FREE STANDING	-	-	-	-	90-160 PSI	CONTRACTOR
A059	1	2 TON ENGINE CRANE	OMEGA	44020	MOBILE	-	-	-	-	-	CONTRACTOR

PROVIDE THE ACCOMPANYING ACCESSORIES FOR THE FOLLOWING EQUIPMENT LISTED BELOW

A012 - MILL/DRILL MACHINE
SUPPORT WITH CABINET AND DRAWER, 90201035

A014 - HEAD UNIT
MINIAGON LARGE PREMIUM CONSOLE, KA440E SERIES

A026 - BRAKE LATHE
ELITE CONE ADAPTER KIT, MODEL # 20-2615-1
DUAL QUICKCHICK ADAPTOR, MODEL #175-423-2

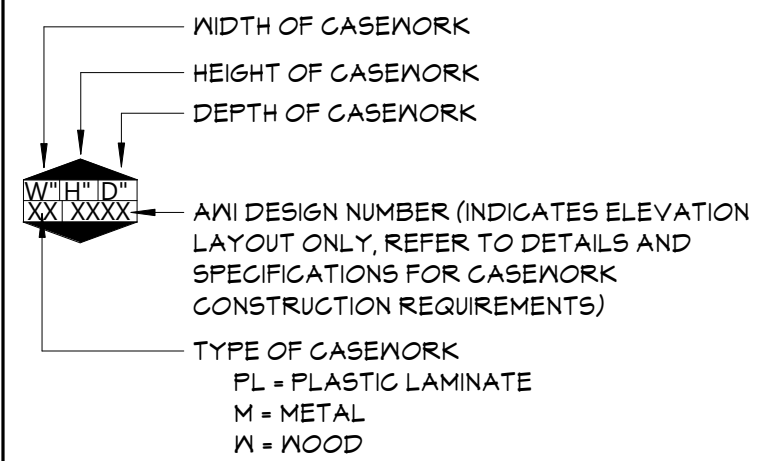


1
A613
ENLARGED FLOOR PLAN - AUTO TECH SHOP
1/4" = 1'-0"

GENERAL NOTES

- ALL CASEWORK SHALL HAVE PLASTIC LAMINATE (PLAIN) COUNTERTOPS AND 4" BACK SPLASHES UNO.
- INSTALL MATCHING FILLER PANELS IN LOCATIONS SHOWN. ADD MATCHING FILLER PANELS AS REQUIRED FOR FINAL FIT/FINISH.
- PROVIDE BLOCKING IN ALL ADJACENT WALLS AS REQUIRED TO INSTALL ALL CASEWORK.
- PROVIDE FINISHED END PANEL AT ALL EXPOSED FACES OF CASEWORK.
- PROVIDE WALL BASE AS SCHEDULED ON ALL EXPOSED TOE KICK SPACES AND EXPOSED END PANELS.
- ALL FURNITURE SHOWN AS HALFTONE IS NOT IN CONTRACT.

CASEWORK NOTES



KEYNOTES

#	DESCRIPTION
BCT	BUTCHERBLOCK COUNTER TOP
BF	BOTTLE FILLER, REFER TO PLUMBING DRAWINGS
EYE	EYEWASH STATION, REFER TO PLUMBING DRAWINGS
FE	FIRE EXTINGUISHER, WALL MOUNT
HR	HOSE REEL
SKT	SINGLE BAY UTILITY SINK, REFER TO PLUMBING DRAWINGS
NBT	WORKBENCH TABLE (PROVIDED BY OWNER)

KEY PLAN



KEY PLAN



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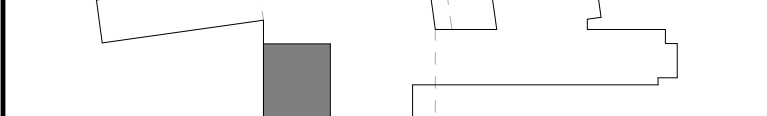
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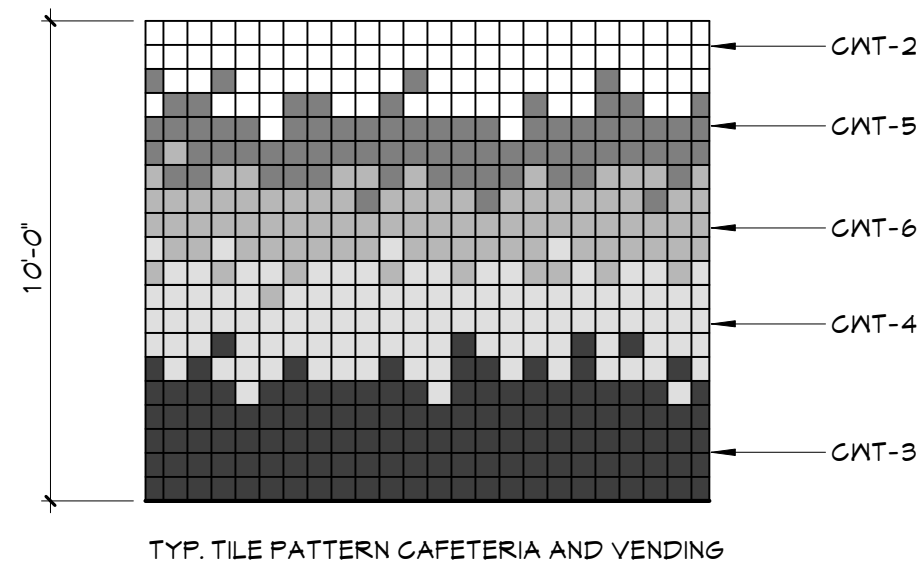
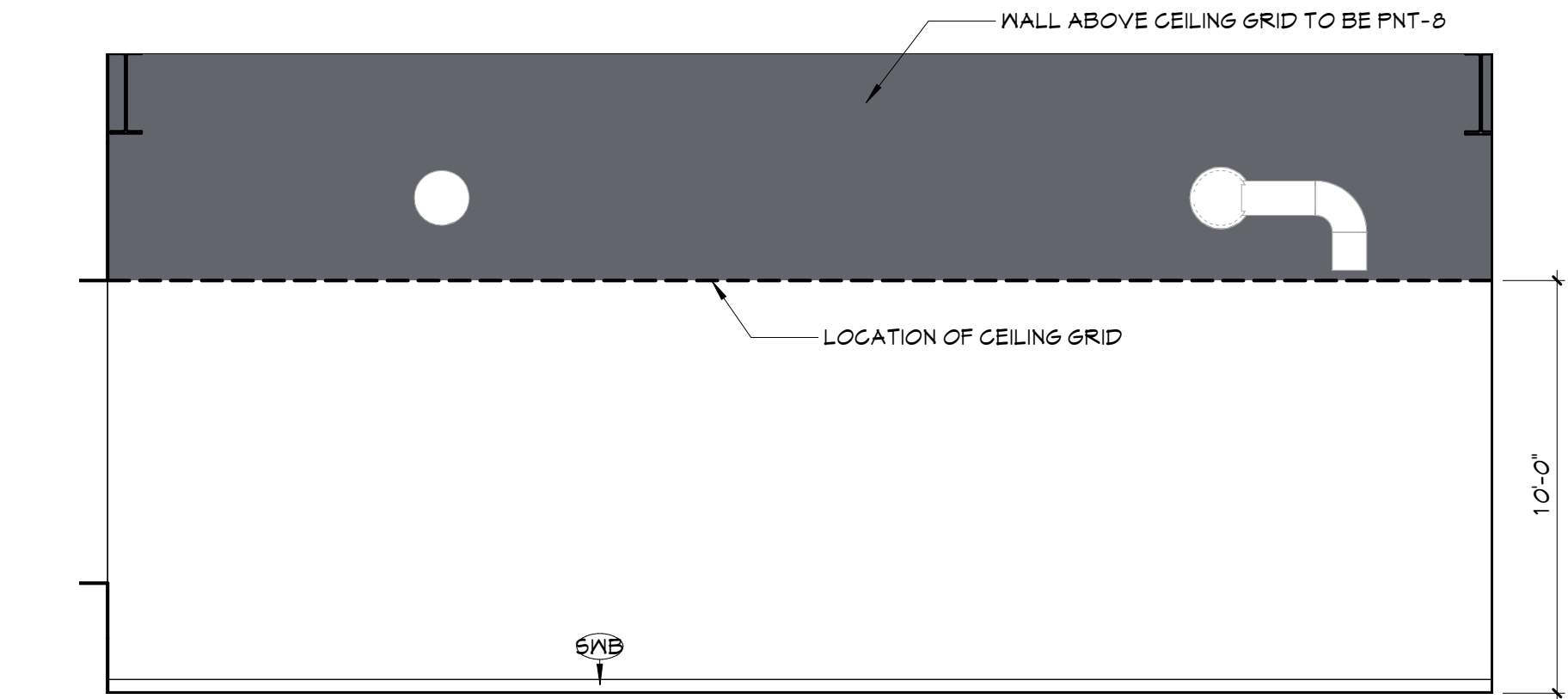
KEY PLAN



KEY PLAN



MATERIALS LEGEND					
MATERIAL	MANUFACTURER	MODEL	COLOR #/NAME	SIZE	NOTE
CERAMIC FLOOR TILE					
CFT-1	DALTILE	CALGARY	ARMOR CG43	12" x 24"	TYP. FLOOR
CFT-2	DALTILE	KEYSTONES	DK21 WHEAT BLEND	1" x 1"	LOCKER ROOM SHOWERS
CERAMIC WALL TILE					
CWT-1	DALTILE	COLOR WHEEL LINEAR	X714 MATTE DESERT GRAY	4" X 12"	TYP. WALL TILE
CWT-2	MOSA	COLORS	16900 ACCENT WHITE	6" X 6"	ACCENT TILE @ CAFETERIA
CWT-3	MOSA	COLORS	20910 MAZARINE BLUE	6" X 6"	ACCENT TILE @ DISPLAY CASES, CAFETERIA, VENDING
CWT-4	MOSA	COLORS	17990 BLUE CURACAO	6" X 6"	ACCENT TILE FL 1
CWT-5	MOSA	COLORS	17940 FLAME ORANGE	6" X 6"	ACCENT TILE FL 3
CWT-6	MOSA	COLORS	19990 JADE GREEN	6" X 6"	ACCENT TILE FL 2
CWT-7	DALTILE	COLOR WHEEL LINEAR	K189 NAVY	4" X 12"	ACCENT WALL TILE @ SINGLE USE TOILETS
EPOXY BASE					
EB-1	STONHARD	STONCLAD	CHARCOAL	4"	BARBERING AND COSMETOLOGY
EPOXY FLOOR					
EPF-1	STONHARD	STONCLAD	CHARCOAL		BARBERING AND COSMETOLOGY
HOMOGENEOUS COVE BASE					
HMB-1	ARMSTRONG FLOORING	NATRALIS	70004 SPRAY FOAM	4"	NURSING LAB, VET & GROOMING
HOMOGENEOUS SHEET					
HMO-1	ARMSTRONG FLOORING	NATRALIS	70004 SPRAY FOAM	6'	NURSING LAB, HEALTH, VET & GROOMING
LUXURY VINYL TILE					
LVT-1	MANNINGTON	GROOVE	C141 MISTY MOUNTAIN	6" X 36"	TYP. FLOOR CLASSROOMS, STAFF SPACES
METAL TRIM					
MT-1	SCHLUTER SYSTEMS	DILEX-AHK			ALL WALL TILE LOCATIONS
MT-2	SCHLUTER SYSTEMS	DILEX-AHKA			ALL CMU LOCATIONS IN TOILET ROOMS
PAINT					
PNT-1	SHERWIN WILLIAMS	EG-SHELL	SW 7650 ELLIE GRAY		TYP. WALL PAINT
PNT-2	SHERWIN WILLIAMS	EG-SHELL	SW 6495 GREAT FALLS		ACCENT WALL PAINT FL 1
PNT-3	SHERWIN WILLIAMS	EG-SHELL	SW 6634 COPPER HARBOR		ACCENT WALL PAINT FL 3
PNT-4	SHERWIN WILLIAMS	EG-SHELL	SW 9178 IN THE NAVY		ACCENT WALL PAINT FL 1, GUIDANCE
PNT-5	SHERWIN WILLIAMS	EG-SHELL	SW 9041 PARISIAN PATINA		ACCENT WALL PAINT FL 2
PNT-6	SHERWIN WILLIAMS	SEMI-GLOSS	SW 9178 IN THE NAVY		HM DOOR PAINT
PNT-8	SHERWIN WILLIAMS	FLAT	SW 7068 GRIZZLE GRAY		TYP. OPEN CEILING AND BELOW STRUCTURAL
PNT-7	SHERWIN WILLIAMS	FLAT	SW 7005 PURE WHITE		TYP. GYPSUM CEILING
PNT-9	SHERWIN WILLIAMS	PRO INDUSTRIAL WATER BASED CATALYZED	SW 9178 IN THE NAVY		LOCKER ROOM, TOILETS, CAFETERIA FLOOR
PNT-10	SHERWIN WILLIAMS	PRO INDUSTRIAL WATER BASED CATALYZED	SW 7650 ELLIE GRAY		CUSTODIAL, PLUMBING, CULINARY, LOCKER & GYM
PNT-11	SHERWIN WILLIAMS	FLAT	SW 6495 GREAT FALLS		ACCENT CEILING PAINT FL 1
PNT-12	SHERWIN WILLIAMS	FLAT	SW 9041 PARISIAN PATINA		ACCENT CEILING PAINT FL 2
PNT-13	SHERWIN WILLIAMS	FLAT	SW 6634 COPPER HARBOR		ACCENT CEILING PAINT FL 3
PNT-14	SHERWIN WILLIAMS	FLAT	SW 9178 IN THE NAVY		CAFETERIA CEILING AND FLOOR STRIPING
PNT-15	SHERWIN WILLIAMS	PRO INDUSTRIAL WATER BASED CATALYZED	SW 6911 CONFIDENT YELLOW		SHOP FLOOR
PLASTIC LAMINATE					
PLAM-1	WILSONART	STANDARD LAMINATE	7990 MISSION MAPLE		CASEWORK BASE AND UPPERS
PLAM-2	WILSONART	STANDARD LAMINATE	5034 HANDSPUN DOVE		COUNTERTOPS
PLAM-3	WILSONART	STANDARD LAMINATE	D379-60 INDIGO		RECEPTION IN MAIN OFFICE
PLAM-4	WILSONART	STANDARD LAMINATE	D315-60 PLATINUM		RECEPTION IN HEALTH OFFICE
POLISHED CONCRETE					
PCON-1					TYP. FLOOR
PCON-2					PLUMBING, ELECTRIC, CUSTODIAL
PCON-3					AUTOBODY
PRIVACY CURTAIN					
PC-1	ARCCOM	AQUIFER-X	CARIBBEAN # 6		NURSING LAB
PC-2	ARCHITEX	RX 6016	BASSWOOD		HEALTH OFFICE, COSMETOLOGY, VET TECH/GROOMING
QUARRY TILE					
QT-1	AMERICAN OLEAN	QUARRY NATURALS	0N46 SHADOW GRAY	6" X 6"	KITCHEN AND CULINARY
QUARRY TILE BASE					
QTB-1	AMERICAN OLEAN	QUARRY NATURALS COVE BASE	0N46 SHADOW GRAY	5" X 6"	KITCHEN AND CULINARY
RUBBER BASE					
RB-1	ROPPE	PINNACLE COVE BASE- STANDARD TOE	139 DEEP NAVY	4"	TYP. BASE
RB-2	JOHNSONITE	VENT COVE	VCO 40 BLACK		GYMNASIUM
RUBBER FLOOR					
RT-1	ROPPE	MARBLEIZED- TEXTURED	M139 DEEP NAVY	20" X 20" X 3.2MM	INTERMEDIATE LANDING
RUBBER STAIR TREAD AND RISER					
RST-1	ROPPE	MARBLEIZED- TEXTURED	M139 DEEP NAVY		STAIR TREAD AND RISER
SOLID SURFACE					
SS-1	DUPONT	CORIAN	LAGUNA TERRAZZO		MAIN OFFICE/CAFETERIA/ GUIDANCE
SS-2	DUPONT	CORIAN	DOVE		HEALTH OFFICE/ NURSING/ SILL @ CORRIDORS/ CAFETERIA/ LAVATORIES LV-A, LV-B, LV-C. COORDINATE WITH PLUMBING DRAWINGS
STATIC DISSIPATIVE TILE					
SDT-1	ARMSTRONG	EXCELON SDT	51957 RIDGE	12" X 12"	IDF, SERVER ROOMS
WOOD ATHLETIC FLOORING					
WD-1	ROBBINS SPORTS SURFACES	BIO--CHANNEL STAR			GYM



DISCLAIMER NOTE

MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCED TO THE ARCHITECT'S BASIS OF DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED

ABBREVIATIONS

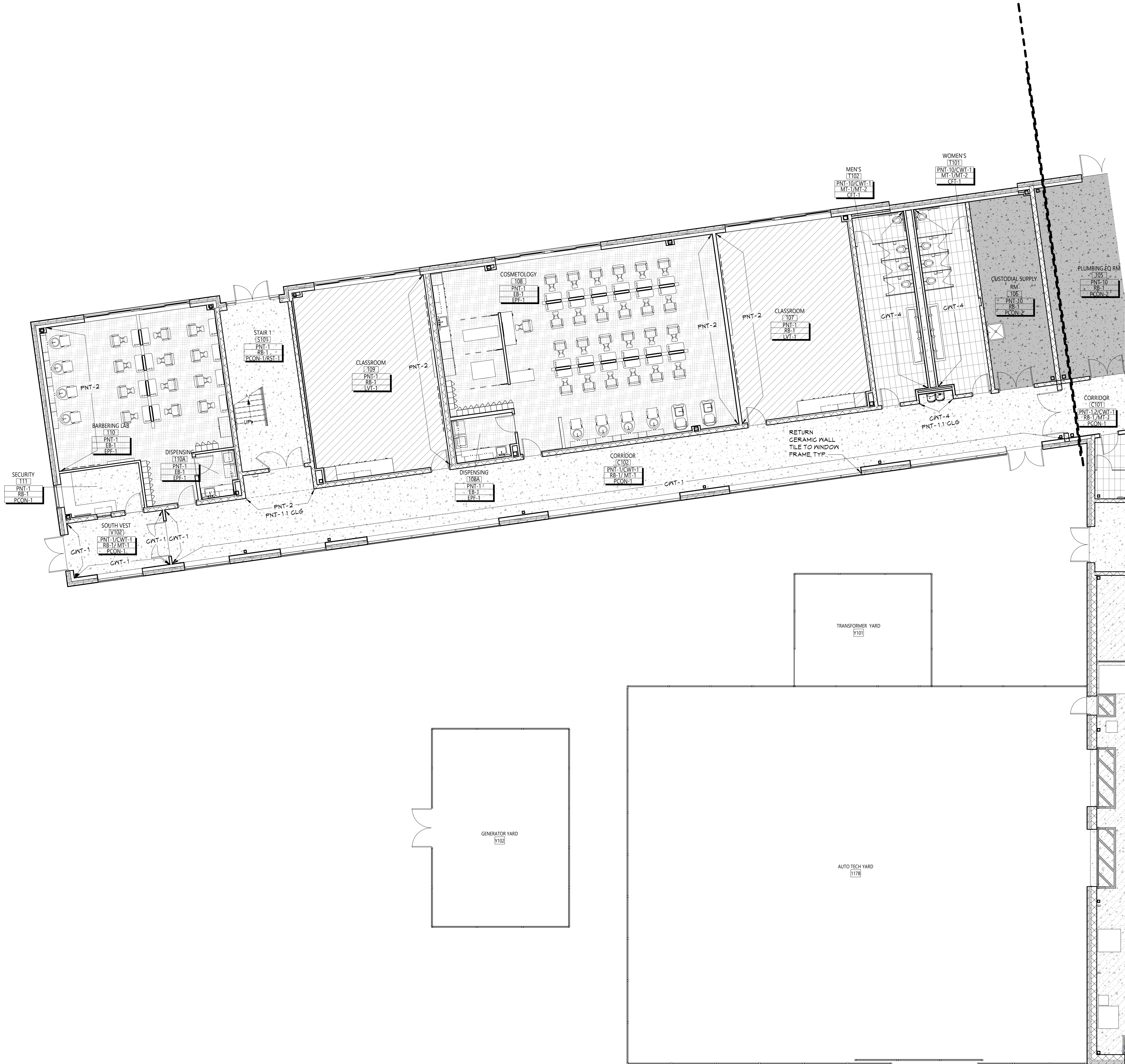
ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APG	ACOUSTICAL PANEL CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CMT	CERAMIC MALL TILE
EPF	EPOXY FLOOR
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXT	EXISTING
FACT/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
HMB	HOMOGENEOUS COVE BASE
HMO	HOMOGENEOUS SHEET
LMC	LINEAR METAL CEILING
LVT	LUXURY VINYL TILE
MSS	MUSIC STORAGE SYSTEM
MT	METAL BASE
MXP	METAL MALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAP	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCON	SEALED CONCRETE
SS	SOLID SURFACE
SDT	STATIC DISSIPATIVE TILE
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VNC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES

- ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
- ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH WALL COLOR.
- ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING TO BE PAINTED PNT-8, UNO.
- ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING TO BE PAINTED PNT-8, UNO.
- ALL STEEL COLUMNS IN AREAS OF WORK ARE TO BE PAINTED PNT-1.
- ALL EXPOSED STEEL ASSOCIATED WITH STAIRS TO BE PAINTED PNT-6, INCLUDING STRINGERS, CHANNELS, COLUMNS, PLATES, TUBES, GUARDRAILS, POSTS, UNDERSIDES OF FLOORS, LANDINGS, DECKS, AND STAIR FANS WITH THE EXCEPTION OF STAINLESS STEEL & FF, UNO.
- NEW HM DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR DOOR & WINDOW FRAMES AS SCHEDULED ON A900 SERIES DRAWINGS, PNT-6.
- NOT USED
- ALL GYPSUM WALLS LOCATED IN CORRIDORS TO RECEIVE CMT-1, UNO.

FINISH KEYS

Room Name	
Wall Finish	Finish Tag
Base Finish	
Floor Finish	
PNT-6	ACCENT PAINT LOCATION
PCON-1	
EPF-1	
RT-1	
LVT-1	
SDT-1	
CFT-1	
CFT-2	
HMO-1	
QT-1	
WD-1	



1 PARTIAL FIRST FLOOR PLAN - AREA 1
AF111 1/8" = 1'-0"

DISCLAIMER NOTE

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ABBREVIATIONS

ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CGNC	CONCRETE
CRT	CARPET
CTB	CERAMIC TILE BASE
QNT	CERAMIC MALL TILE
EPF	EPOXY FLOOR
ETR	EXISTING TO REMAIN
EXP	EXPOSED
FAST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
HMB	HOMOGENOUS GOVE BASE
HMO	HOMOGENOUS SHEET
LMC	LINEAR METAL CEILING
LVT	LUXURY VINYL TILE
MSB	MUSIC STORAGE SYSTEM
MT	METAL BASE
MXP	METAL MALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PANT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCON	SEALED CONCRETE
SS	SOLID SURFACE
SDT	STATIC DISAPPEARATIVE TILE
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VMC	VINYL MALLCOVERING
MAF	MOOD ATHLETIC FLOORING
MD	MOOD
MOH	MALK-OFF MAT

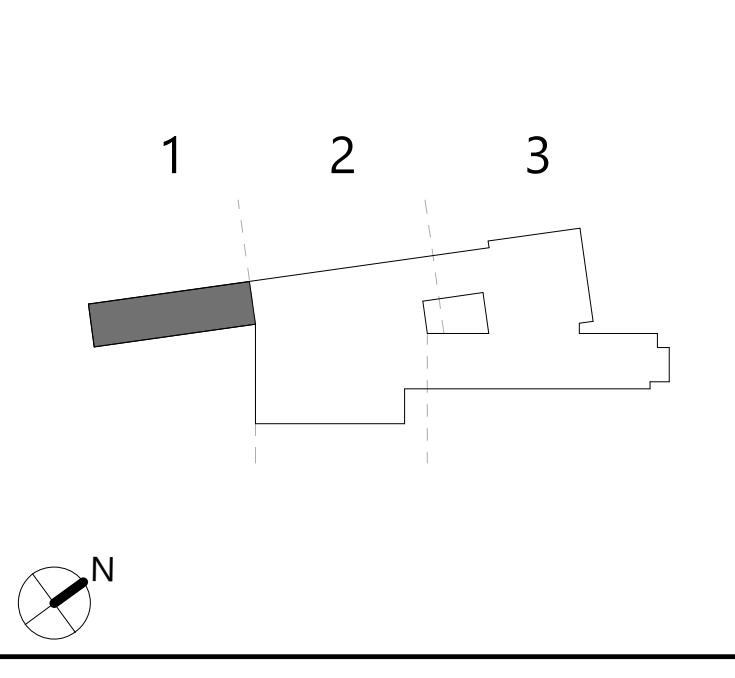
GENERAL FINISH NOTES

- ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
- ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH MALL COLOR.
- ALL NEW GWB CEILINGS, FASCIAS, AND SOFFITS TO BE PAINTED PNT-7, UNO.
- ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING TO BE PAINTED PNT-8, UNO.
- ALL STEEL COLUMNS IN AREAS OF WORK ARE TO BE PAINTED PNT-1.
- ALL EXPOSED STEEL ASSOCIATED WITH STAIRS TO BE PAINTED PNT-6, INCLUDING STRINGERS, CHANNELS, COLUMNS, PLATES, TUBES, GUARDRAILS, POSTS, UNDERSIDES OF FLOORS, LANDINGS, DECKS, AND STAIR FANS WITH THE EXCEPTION OF STAINLESS STEEL & FF, UNO.
- NEW HM DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR DOOR & WINDOW FRAMES AS SCHEDULED ON A900 SERIES DRAWINGS, PNT-9.
- NOT USED
- ALL GYPSUM WALLS LOCATED IN CORRIDORS TO RECEIVE CMT-, UNO.

FINISH KEYS

Room Name [101]	
Wall Finish Base Finish Floor Finish	Finish Tag
PNT-1	AGCENT PAINT LOCATION
PCON-1	
EPF-1	
RT-1	
LVT-1	
SDT-1	
CFT-1	
CFT-2	
HMO-1	
QT-1	
WD-1	

KEY PLAN



NEWBURGH ENLARGED CITY SCHOOL DISTRICT NEW CTE BUILDING

Project Title



DATE	4/15/2024	Rev	44-16-00-81-0-003-001
DESCRIPTION			

Drawn By:	AS
Checked By:	108-2303
CSArch Proj. #:	4/15/2024
Issued for Bid:	

Sheet Title

PARTIAL FIRST
FLOOR FINISH
PLAN - AREA 1

Sheet No.

CTE
AF111

CONSTRUCTION DOCUMENTS

Consultant

19 Front St., Newburgh - New York 12550-7601
845-561-1379 www.csarch.com

CSARCH



1 PARTIAL FIRST FLOOR PLAN - AREA 2
AF112 1/8" = 1'-0"

- ### GENERAL NOTES
1. REFER TO SHEET 0001 FOR ADDITIONAL GENERAL NOTES.
 2. REFER TO A600 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
 3. REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.
 4. REFER TO SHEET A101 FOR PARTITION TYPES AND ADDITIONAL NOTES.

- ### KEYNOTES
- | # | DESCRIPTION |
|---|-----------------|
| 1 | DISCLAIMER NOTE |
- MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCED TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED.

- ### ABBREVIATIONS
- | ACMU | ARCHITECTURAL CONCRETE MASONRY UNIT |
|--------|-------------------------------------|
| ACT | ACOUSTICAL CEILING TILE |
| APC | ACOUSTICAL PANEL CEILING |
| BBT | BIO-BASED TILE |
| BRK | BRICK |
| CFT | CERAMIC FLOOR TILE |
| CMU | CONCRETE MASONRY UNIT |
| CGC | CONCRETE |
| CRT | CERAMIC TILE BASE |
| CNT | CERAMIC MALL TILE |
| EPF | EPDM FLOOR |
| ETR | EXISTING TO REMAIN |
| EXP | EXPOSED |
| EXST | EXISTING |
| FAC/FF | FACTORY FINISH |
| GMB | GYPSON MALL BOARD |
| HMB | HOMOGENOUS COVE BASE |
| HMO | HOMOGENOUS SHEET |
| LNG | LINEAR METAL CEILING |
| LVT | LUXURY VINYL TILE |
| MSS | MUSIC STORAGE SYSTEM |
| MT | METAL BASE |
| MMP | METAL MALL PANEL |
| PCON | POLISHED CONCRETE |
| FLAM | PLASTIC LAMINATE |
| FLAS | PLASTER |
| PNT | PAINT |
| RAF | RESILIENT ATHLETIC FLOORING |
| RS | RUBBER BASE |
| RF | RESINOUS FLOORING |
| RST | RUBBER STAIR TREAD / LANDING |
| RT | RUBBER TILE FLOORING |
| SCON | SEALED CONCRETE |
| SS | SOLID SURFACE |
| SDT | STATIC DISSIPATIVE TILE |
| STF | SYNTHETIC TURF FLOORING |
| STL | STEEL |
| TERR | TERRAZZO |
| TP | TOILET PARTITIONS |
| TYP | TYPICAL |
| VCT | VINYL COMPOSITION TILE |
| VCTAS | VINYL COMPOSITION TILE ANTI-STATIC |
| VNG | VINYL MALLCOVERING |
| WAF | WOOD ATHLETIC FLOORING |
| WD | WOOD |
| WOM | WALK-OFF MAT |

- ### GENERAL FINISH NOTES
1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
 2. ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH MALL COLOR.
 3. ALL NEW GMB CEILINGS, FASCIA, AND SOFFITS TO BE PAINTED PNT-7, UNO.
 4. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING TO BE PAINTED PNT-8, UNO.
 5. ALL STEEL COLUMNS IN AREAS OF WORK ARE TO BE PAINTED PNT-1.
 6. ALL EXPOSED STEEL ASSOCIATED WITH STAIRS TO BE PAINTED PNT-6, INCLUDING STRINGERS, CHANNELS, COLUMNS, PLATES, TUBES, GUARDRAILS, POSTS, UNDERSIDES OF FLOORS, LANDINGS, DECKS, AND STAIR FANS WITH THE EXCEPTION OF STAINLESS STEEL & FF, UNO.
 7. NEW HW DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR DOOR & WINDOW FRAMES AS SCHEDULED ON A900 SERIES DRAWINGS, PNT-6.
 8. NOT USED.
 9. ALL GYPSON MALLS LOCATED IN CORRIDORS TO RECEIVE CMT-1, UNO.

- ### FINISH KEYS
- | Room Name | Finish Tag |
|--------------|------------|
| WALL FINISH | PNT-1 |
| SKIN FINISH | PNT-2 |
| FLOOR FINISH | PNT-3 |
- PNT-# ACCENT PAINT LOCATION
- PNT-1
 - PNT-2
 - PNT-3
 - PNT-4
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 - PNT-7
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 - PNT-100

KEY PLAN

1 2 3

N

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NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING

Project Title

REGISTERED ARCHITECT
STATE OF NEW YORK
19884
REGISTRATION EXPIRATION DATE: 12/31/2026

#	DATE	DESCRIPTION
1	6/1/2024	Rev Addition #1
2	5/1/2024	Rev Addition #2
3	DATE	DESCRIPTION

Drawn By: AS
Checked By: 44-16-00-81-0-053-001
Proj. #: 108-2303
CSArch Proj. #: 4/15/2024
Issued for Bid:

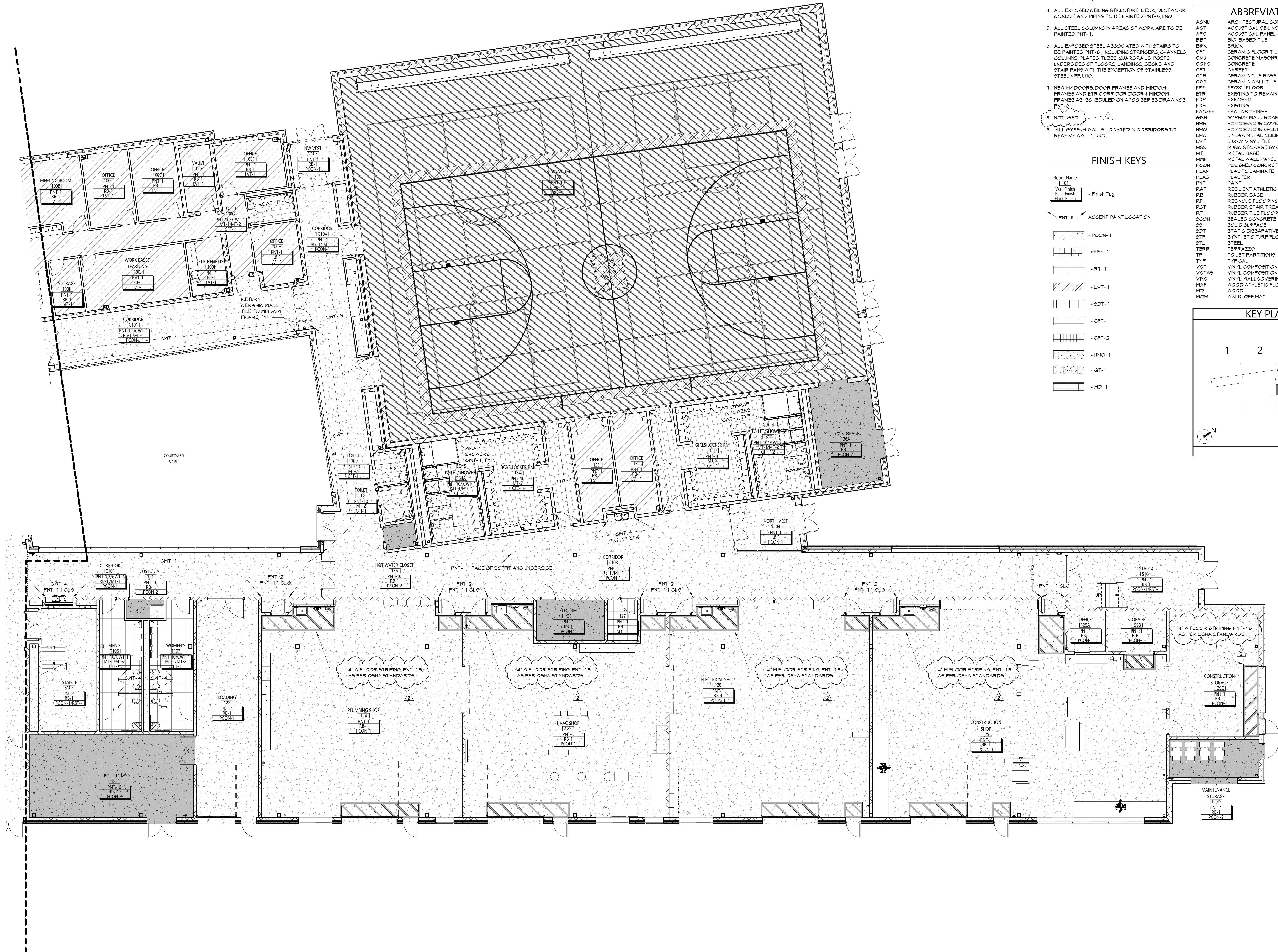
Sheet Title

PARTIAL FIRST FLOOR FINISH PLAN - AREA 2

Sheet No.

CTE
AF112

CONSTRUCTION DOCUMENTS



- GENERAL FINISH NOTES**
1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
 2. ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH WALL COLOR.
 3. ALL NEW GNB CEILINGS, FASCIAS, AND SOFFITS TO BE PAINTED PNT-7, UNO.
 4. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING TO BE PAINTED PNT-8, UNO.
 5. ALL STEEL COLUMNS IN AREAS OF WORK ARE TO BE PAINTED PNT-1.
 6. ALL EXPOSED STEEL ASSOCIATED WITH STAIRS TO BE PAINTED PNT-6, INCLUDING STRINGERS, CHANNELS, COLUMNS, PLATES, TUBES, GUARDRAILS, POSTS, UNDERSIDES OF FLOORS, LANDINGS, DECKS, AND STAIR PANS WITH THE EXCEPTION OF STAINLESS STEEL & FF, UNO.
 7. NEW HM DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR DOOR & WINDOW FRAMES AS SCHEDULED ON A100 SERIES DRAWINGS, PNT-9.
 8. NOT USED.
 9. ALL GYPSUM WALLS LOCATED IN CORRIDORS TO RECEIVE GNT-1, UNO.

FINISH KEYS

Room Name	101
Wall Finish	
Base Finish	
Floor Finish	

• Finish Tag

PNT-# AGENT PAINT LOCATION

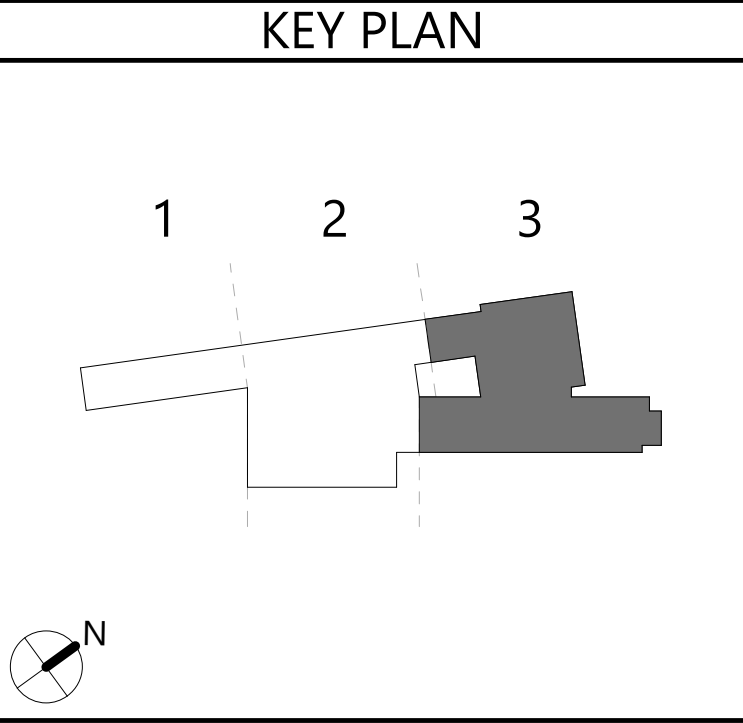
	• PCGN-1
	• EPF-1
	• RT-1
	• LVT-1
	• SDT-1
	• GFT-1
	• GFT-2
	• HMO-1
	• QT-1
	• MD-1

DISCLAIMER NOTE

MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCED TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED.

ABBREVIATIONS

ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
AGT	ACOUSTICAL GELING TILE
APG	ACOUSTICAL PANEL CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CFT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CGNC	CONCRETE
CRT	CARPET
CTB	CERAMIC TILE BASE
CMT	CERAMIC MALL TILE
EPF	EPOXY FLOOR
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EAST	EXISTING
FAC/FF	FACTORY FINISH
GNB	GYPSUM WALL BOARD
HMB	HOMOGENOUS GOVE BASE
HMO	HOMOGENOUS SHEET
LMG	LINEAR METAL CEILING
LVT	LUXURY VINYL TILE
MSS	MUSIC STORAGE SYSTEM
MT	METAL BASE
MPF	METAL MALL PANEL
PCGN	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAP	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCON	SEALED CONCRETE
SS	SOLID SURFACE
SDT	STATIC DISSIPATIVE TILE
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TP	TERRAZZO
TYP	TYPICAL
VGT	VINYL COMPOSITION TILE
VGTAS	VINYL COMPOSITION TILE ANTI-STATIC
VNC	VINYL WALLCOVERING
MAF	MOOD ATHLETIC FLOORING
MD	MOOD
NOM	NALK-OFF MAT



1 PARTIAL FIRST FLOOR PLAN - AREA 3
AF113 1/8" = 1'-0"

19 Front St., Newburgh - New York 12550-7601
845-561-13179 www.csarchnyc.com

CS ARCH

Consultant

**NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING**

Project Title

REGISTRATION EXPIRATION DATE: 12/31/2026

1	6/15/2024	Rev Addition #1
2	5/1/2024	Rev Addition #2
3	DATE	DESCRIPTION

Drawn By: AS
Checked By:
Proj. #: 44-16-00-81-0-053-001
CSArch Proj. #: 108-2303
Issued for Bid: 4/15/2024

Sheet Title

PARTIAL FIRST FLOOR FINISH PLAN - AREA 3

Sheet No.

**CTE
AF113**

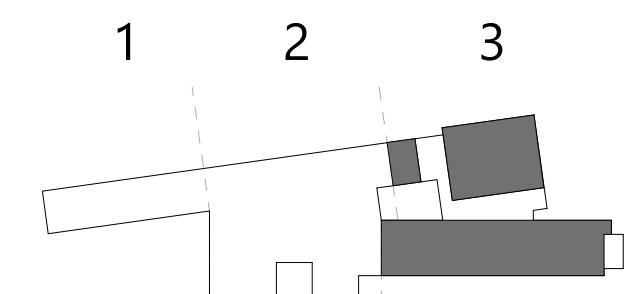
CONSTRUCTION DOCUMENTS

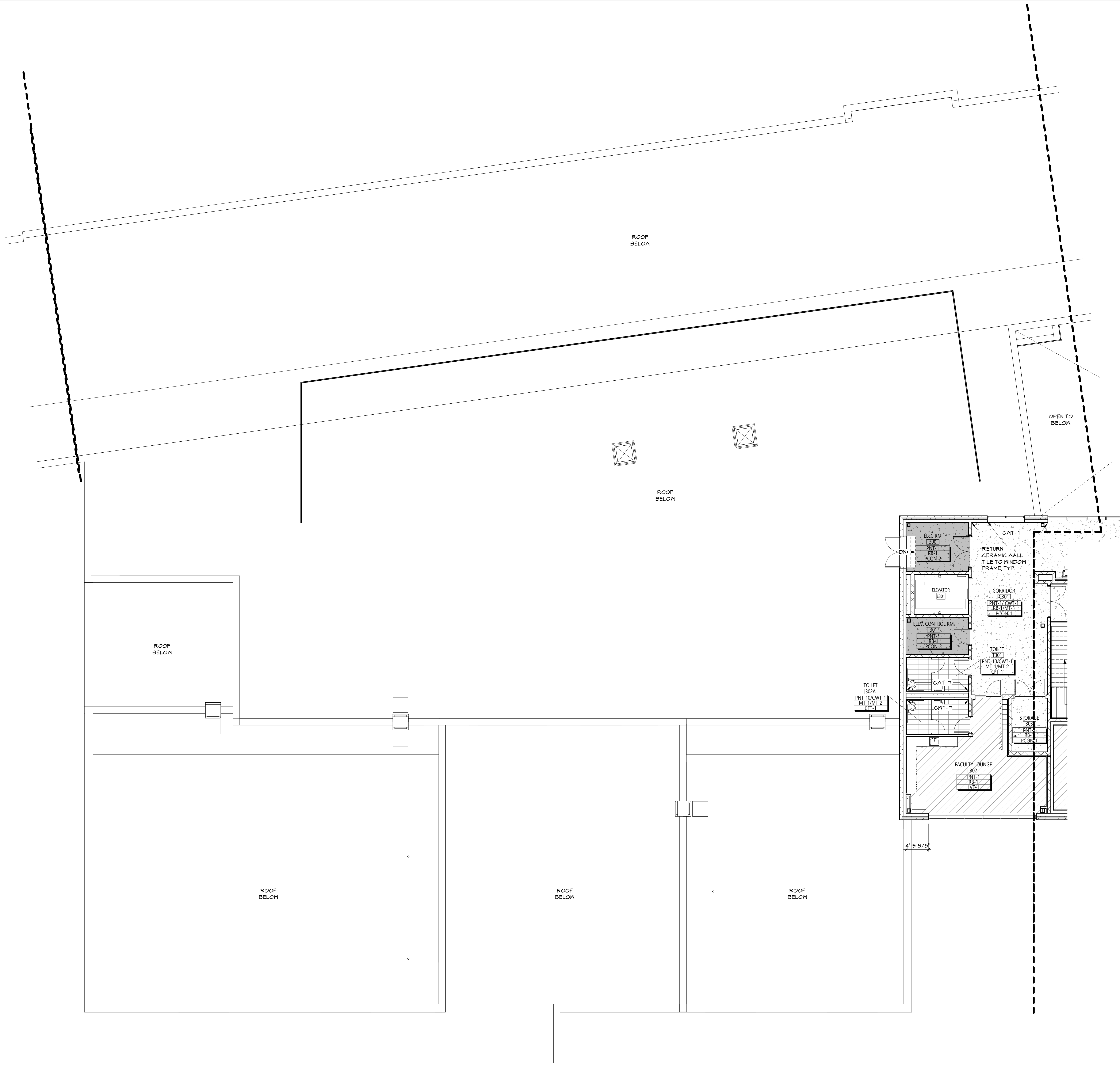
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1 PARTIAL SECOND FLOOR PLAN - AREA 3

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GENERAL FINISH NOTES	DISCLAIMER NOTE
1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED. 2. ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH WALL COLOR. 3. ALL NEW GMB CEILINGS, FASCIAS, AND SOFFITS TO BE PAINTED PNT-1, UNO. 4. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING TO BE PAINTED PNT-3, UNO. 5. ALL STEEL COLUMNS IN AREAS OF WORK ARE TO BE PAINTED PNT-1. 6. ALL EXPOSED STEEL ASSOCIATED WITH STAIRS TO BE PAINTED PNT-6, INCLUDING STRINGERS, CHANNELS, COLUMNS, PLATES, TUBES, GUARDRAILS, POSTS, UNDERSIDES OF FLOORS, LANDINGS, DECKS, AND STAIR PANS WITH THE EXCEPTION OF STAINLESS STEEL, IF FF, UNO. 7. NEW HM DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR DOOR & WINDOW FRAMES AS SCHEDULED ON A100 SERIES DRAWINGS, PNT-6. 8. NOT USED 9. ALL GYPSUM WALLS LOCATED IN CORRIDORS TO RECEIVE CPT-1, UNO.	MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCED TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED
	ABBREVIATIONS
FINISH KEYS Room Name 101 Wall Finish Base Finish Floor Finish • Finish Tag PNT-# ACENT PAINT LOCATION - PCGN-1 - EFF-1 - RT-1 - LVT-1 - SDT-1 - CFT-1 - CFT-2 - HMO-1 - QT-1 - MD-1	- ACMU ARCHITECTURAL CONCRETE MASONRY UNIT - ACT ACETOXIC CEILING TILE - APG ACETOXIC PANEL GELING - BBT BIO-BASED TILE - BRK BRICK - CFT CERAMIC FLOOR TILE - CMU CONCRETE MASONRY UNIT - CONG CONCRETE - CARPET CARPET - CTB CERAMIC TILE BASE - CNT CERAMIC WALL TILE - EPF EPOXY FLOOR - ETR EXISTING TO REMAIN - EXST EXISTING - FAC/FF FACTORY FINISH - GMB GYPSUM WALL BOARD - HMB HOMOGENOUS GOVE BASE - HMO HOMOGENOUS SHEET - LMC LINEAR METAL CEILING - LVT LUXURY VINYL TILE - MSS MUSIC STORAGE SYSTEM - MT METAL BASE - MWP METAL WALL PANEL - PCGN POLISHED CONCRETE - PLAM PLASTIC LAMINATE - PLAS PLASTER - PNT PAINT - RAF RESILIENT ATHLETIC FLOORING - RB RUBBER BASE - RF RUBEROUS FLOORING - RT RUBBER STAIR TREAD / LANDING - RT RUBBER TILE FLOORING - SCON SEALED CONCRETE - SS SOLID SURFACE - SDT STATIC DISSIPATIVE TILE - STF SYNTHETIC TURF FLOORING - STL STEEL - TERK TERRAZZO - TP TOILET PARTITIONS - TPY TYPICAL - VCT VINYL COMPOSITION TILE - VCTAS VINYL COMPOSITION TILE ANTI-STATIC - VNC VINYL WALLCOVERING - NAF NOOD ATHLETIC FLOORING - ND NOOD - NOM WALK-OFF MAT
	KEY PLAN
	1 2 3  N



1
AF132

PARTIAL THIRD FLOOR PLAN - AREA 2

1/8" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET 5001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO A600 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
3. REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAINWALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.
4. REFER TO SHEET A101 FOR PARTITION TYPES AND ADDITIONAL NOTES.

KEYNOTES

DESCRIPTION

DISCLAIMER NOTE

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ABBREVIATIONS

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ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL CEILING
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BRK	BRICK
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CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CMT	CERAMIC MALL TILE
EPF	EPOXY FLOOR
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
HMB	HOMOGENOUS COVE BASE
HMO	HOMOGENOUS SHEET
LMO	LINEAR METAL CEILING
LVT	LUXURY VINYL TILE
MSS	MUSIC STORAGE SYSTEM
MT	METAL BASE
MWP	METAL WALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RS	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCON	SEALED CONCRETE
SS	SOLID SURFACE
SDT	STATIC DISSIPATIVE TILE
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VGT	VINYL COMPOSITION TILE
VGTAS	VINYL COMPOSITION TILE ANTI-STATIC
VNG	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

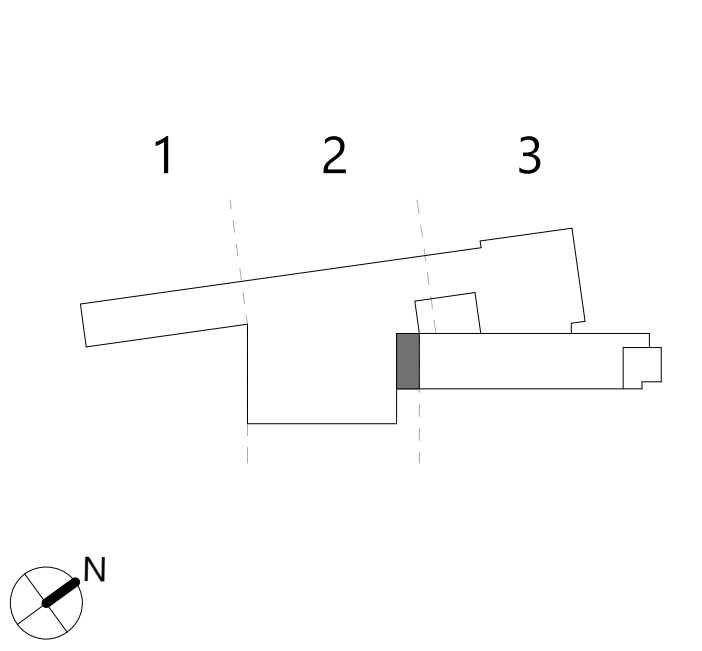
GENERAL FINISH NOTES

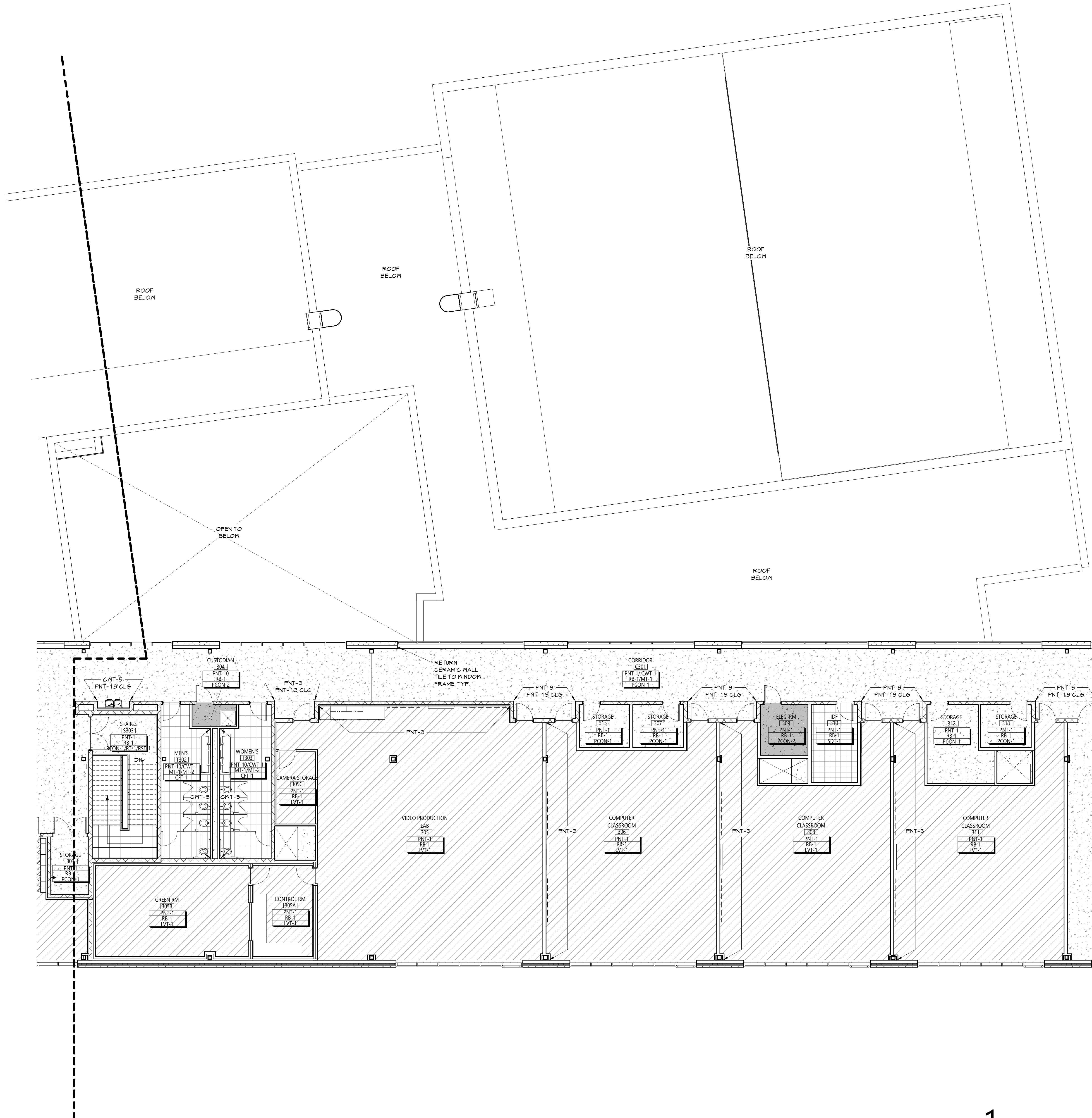
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4. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING TO BE PAINTED PNT-8, UNO.
5. ALL STEEL COLUMNS IN AREAS OF WORK ARE TO BE PAINTED PNT-1.
6. ALL EXPOSED STEEL ASSOCIATED WITH STAIRS TO BE PAINTED PNT-6, INCLUDING STRINGERS, CHANNELS, COLUMNS, PLATES, TUBES, GUARDRAILS, POSTS, UNDERSIDES OF FLOORS, LANDINGS, DECKS, AND STAIR FANS WITH THE EXCEPTION OF STAINLESS STEEL & FF, UNO.
7. NEW HW DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR DOOR & WINDOW FRAMES AS SCHEDULED ON A900 SERIES DRAWINGS, PNT-6.
8. NOT USED
9. ALL GYPSUM WALLS LOCATED IN CORRIDORS TO RECEIVE CMT-1, UNO.

FINISH KEYS

Room Name (101)	
Wall Finish Base Finish Floor Finish	Finish Tag
PNT-#	ACCENT PAINT LOCATION
PCON-1	
EPF-1	
RT-1	
LVT-1	
SDT-1	
CFT-1	
CFT-2	
HMO-1	
QT-1	
WD-1	

KEY PLAN





GENERAL FINISH NOTES

- ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.
- ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH WALL COLOR.
- ALL NEW GNB CEILINGS, FASCIAS, AND SOFFITS TO BE PAINTED PNT-7, UNO.
- ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT AND PIPING TO BE PAINTED PNT-8, UNO.
- ALL STEEL COLUMNS IN AREAS OF WORK ARE TO BE PAINTED PNT-1.
- ALL EXPOSED STEEL ASSOCIATED WITH STAIRS TO BE PAINTED PNT-6, INCLUDING STRINGERS, CHANNELS, COLUMNS, PLATES, TUBES, GUARDRAILS, POSTS, UNDERSIDES OF FLOORS, LANDINGS, DECKS, AND STAIR PANS WITH THE EXCEPTION OF STAINLESS STEEL & FF, UNO.
- NEW HM DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR DOOR & WINDOW FRAMES AS SCHEDULED ON A100 SERIES DRAWINGS, PNT-9.
- NOT USED.
- ALL GYPSUM WALLS LOCATED IN CORRIDORS TO RECEIVE GNT-1, UNO.

FINISH KEYS

Room Name: [101]

Wall Finish: [101]
Base Finish: [101]
Floor Finish: [101]

Finish Tag: [101]

Accent Paint Location: [101]

PGON-1
EPF-1
RT-1
LVT-1
SDT-1
GFT-1
GFT-2
HMO-1
QT-1
MD-1

ABBREVIATIONS

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CTB	CERAMIC TILE BASE
CNT	CERAMIC MALL TILE
EPF	EPOXY FLOOR
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EAST	EXISTING
FAC/FF	FACTORY FINISH
GNB	GYPSUM MALL BOARD
HMB	HOMOGENOUS GOVE BASE
HMO	HOMOGENOUS SHEET
LMC	LINEAR METAL CEILING
LVT	LUXURY VINYL TILE
MSS	MUSIC STORAGE SYSTEM
MT	METAL BASE
MXP	METAL MALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCON	SEALED CONCRETE
SS	SOLID SURFACE
SDT	STATIC DISSIPATIVE TILE
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TERR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VNC	VINYL WALLCOVERING
MAF	MOOD ATHLETIC FLOORING
MD	MOOD
MM	MALK-OFF MAT

KEY PLAN

1 2 3

N

1 PARTIAL THURD FLOOR PLAN - AREA 3
AF133 1/8" = 1'-0"

19 Front St., Newburgh - New York 12550-7601
845-561-1317 www.csarch.com

Consultant

NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING

Project Title

REGISTERED ARCHITECT
STATE OF NEW YORK
19884
REGISTRATION EXPIRATION DATE: 12/31/2026

S.	DATE	REVISION	DESCRIPTION
1.	4/15/2024		Rev Addition #1
2.			
3.			
4.			
5.			

Drawn By: AS
Checked By:
Proj. #: 44-16-00-81-0-053-001
CSArch Proj. #: 108-2303
Issued for Bid: 4/15/2024

Sheet Title

PARTIAL THIRD FLOOR FINISH PLAN - AREA 3

Sheet No.

CTE
AF133

CONSTRUCTION DOCUMENTS

PLUMBING EQUIPMENT CONNECTION SCHEDULE						
TAG NO.	DESCRIPTION	LOCATION	BODY	STRAINER	MANUFACTURER AND REMARKS	
FD-A	FLOOR DRAIN	FINISHED AREAS	CAST IRON	NICKEL BRONZE	JAY R SMITH FIG 2010C-A	
FD-B	FLOOR DRAIN	UNFINISHED AREAS	CAST IRON	POISHED BRONZE	JAY R SMITH FIG 2010C-A WITH 1/2 GRATE	
FD-C	FLOOR DRAIN	UNFINISHED AREAS	CAST IRON	POISHED BRONZE	JAY R SMITH FIG 2010C-A WITH WASTE FUNNEL	
FD-D	FLOOR DRAIN	LIFT PIT	CAST IRON	POISHED BRONZE	ZURN Z4151 WITH 5" X 9" STRAINER SIZE, INCLUDE SEDIMENT REMOVAL SYSTEM	
FD-A	TRENCH DRAIN	OUTSIDE RAMP	HOPE	HOPE	ZURN Z884 WITH HEEL ROOF, 316 STAINLESS STEEL SLOTTED GRATE	

GREASE INTERCEPTOR SCHEDULE						
NO.	LOCATION	GPM FLOW RATE	GREASE CAP.	CONNECTION INLET	CONNECTION OUTLET	DESIGN MAKE
GT-1	FOOD SERVICE 115A	50 GPM	108 GAL	3"	3"	BIG DIPPER W-500-IS POINT OF USE AUTOMATIC GREASE REMOVAL SYSTEM
GT-2	NW AREA 2 EXTERIOR	200 GPM	1154 GAL	4"	4"	PROCEPTOR GMC 2000(2)

OIL INTERCEPTOR SCHEDULE						
NO.	LOCATION	GPM FLOW RATE	OIL CAP.	CONNECTION INLET	CONNECTION OUTLET	DESIGN MAKE
OI-1	SE AREA 2 EXTERIOR	150 GPM	577 GAL	4"	4"	PROCEPTOR OMC 1000

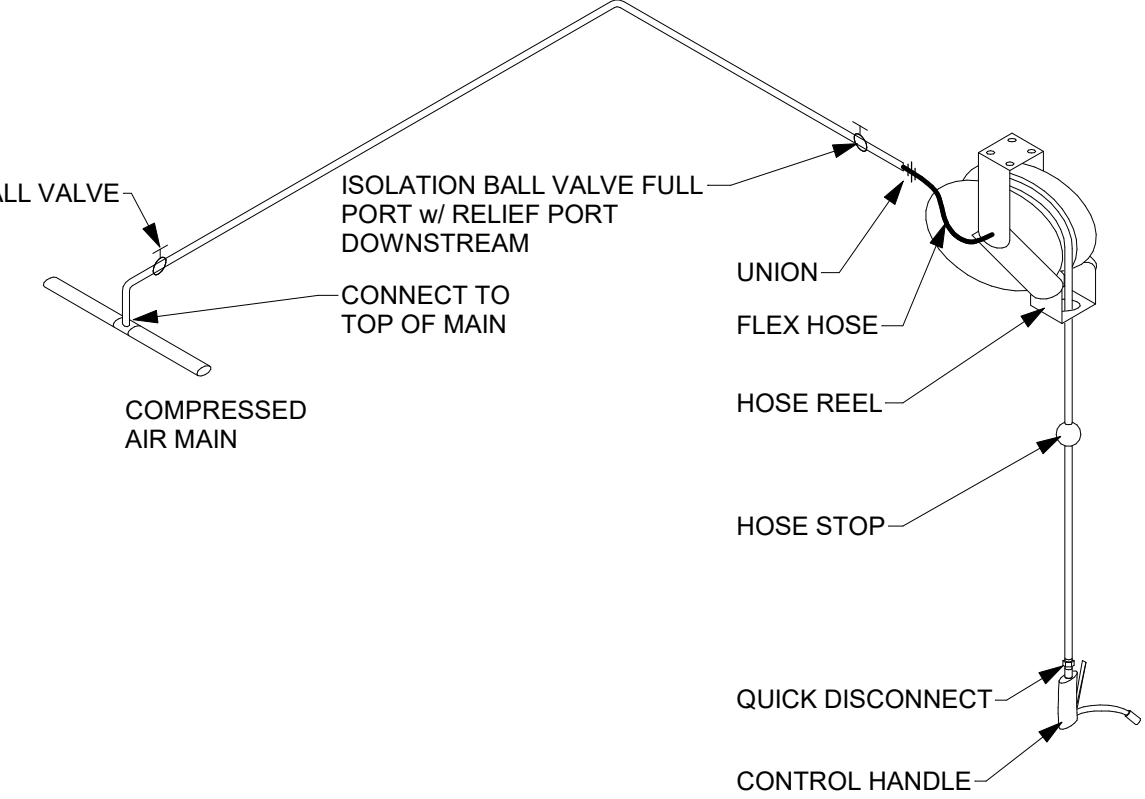
PUMP SCHEDULE										
NO.	LOCATION	SERVICE	GPM	HEAD FT WATER	MOTOR		PHASE	RPM	TYPE	DESIGN MAKE
PP-1	PLUMBING 105	DOM. HOT WATER	3.5	24.7	1/8	115	1	3250	IN LINE	TACO IL009-FS
PP-2	PLUMBING 105	DOM. HOT WATER	1	6.1	1/8	115	1	3250	IN LINE	TACO IL009-FS
PP-3	PLUMBING 105	DOM. HOT WATER	1	11.6	1/8	115	1	3250	IN LINE	TACO IL009-FS
PP-4	CLOSET 136	DOM. HOT WATER	0.25	5	1/8	115	1	3250	IN LINE	TACO IL009-FS
SP-1	E101 SHAFT	SUMP	50	15	1/2	115	-	-	SUMP	ELV280 WITH CONTROL PANEL AND ALARM

PLUMBING FIXTURE CONNECTION SCHEDULE										
SEE PLUMBING SPECIFICATIONS FOR COMPLETE FIXTURE INFORMATION										
TAG NO.	DESCRIPTION	COLD WATER	HOT WATER	WASTE	SANITARY	VENT	REMARKS			
WC-A	WATER CLOSET	1"	-	-	3"	2"	AMERICAN STANDARD 2257-101, WALL MOUNT, SLOAN SENSOR OPERATED FLUSHOMETER (FV-A), CHURCH 9500SCC OPEN FRONT, LESS COVER			
WC-B	WATER CLOSET ADA	1"	-	-	3"	2"	AMERICAN STANDARD 2257-101, WALL MOUNT, SLOAN SENSOR OPERATED FLUSHOMETER (FV-A), CHURCH 9500SCC OPEN FRONT, LESS COVER			
WC-B	WATER CLOSET ADA	1"	-	-	3"	2"	AMERICAN STANDARD 2257-101, WALL MOUNT, SLOAN SENSOR OPERATED FLUSHOMETER (FV-A), CHURCH 9500SCC OPEN FRONT, LESS COVER			
LV-A	LAVATORY	1/2"	1/2"	1-1/2"	-	1-1/2"	SLOAN AER-DEC SINK, 1 STATION, F-A SENSOR FAUCET, HARDWIRED, WITH SOAP DISPENSER AND HAND DRYER			
LV-B	LAVATORY	1/2"	1/2"	1-1/2"	-	1-1/2"	SLOAN AER-DEC SINK, 3 STATION, F-A SENSOR FAUCET, HARDWIRED, WITH SOAP DISPENSER AND HAND DRYER			
LV-C	LAVATORY	1/2"	1/2"	1-1/2"	-	1-1/2"	SLOAN AER-DEC SINK, 4 STATION, F-A SENSOR FAUCET, HARDWIRED, WITH SOAP DISPENSER AND HAND DRYER			
SK-A	SINK	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LR2219, SINGLE S/S DROP-IN, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL CLOSE WITH WRISTBLADE FAUCETS, 1.6 GPM			
SK-B	SINK ADA	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LRAD221955, SINGLE S/S DROP-IN, ADA OFFSET TAILPIECE, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL WITH WRISTBLADE FAUCETS, 1.6 GPM			
SK-C	SINK ADA WITH EYE WASH	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LRAD221955, SINGLE S/S DROP-IN, ADA OFFSET TAILPIECE, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL WITH WRISTBLADE FAUCETS, 1.6 GPM W/EEW-B			
SK-D	SINK - UTILITY	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY SS, TWO COMPARTMENT FLOOR SINK, 36" X 26" X 44" EXC16X20-0X, EXPOSED YOKE WALL-MOUNT UTILITY FAUCET 8251.076			
SK-E	SINK - UTILITY	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY SS, SINGLE COMPARTMENT FLOOR SINK, 27" X 12" X 14" SSS1242, EXPOSED YOKE WALL-MOUNT UTILITY FAUCET 8251.076			
SK-F	SINK ADA - EPOXY	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LRAD221955, SINGLE S/S DROP-IN, ADA OFFSET TAILPIECE, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL WITH WRISTBLADE FAUCETS, 1.6 GPM			
SK-G	SINK ADA WITH EYE WASH - EPOXY	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LRAD221955, SINGLE S/S DROP-IN, ADA OFFSET TAILPIECE, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL WITH WRISTBLADE FAUCETS, 1.6 GPM W/EEW-B			
EW-C-A	WATER COOLER	1/2"	-	1-1/2"	-	1-1/2"	ELKAY EZ200 BOTTLE FILLING STATION & B LEVEL ADA COOLER, FILTERED, REFRIGERATED, REFILLLESS -L25TLW5SK			
EW-C-B	WATER COOLER	1/2"	-	1-1/2"	-	1-1/2"	ELKAY SINGLE LEVEL ADA COOLER, FILTERED, REFRIGERATED, STAINLESS - L25S85			
BF-A	BOTTLE FILLER	1/2"	-	1-1/2"	-	1-1/2"	ELKAY EZ200 ADA BOTTLE FILLER, FILTERED, REFRIGERATED, STAINLESS - L25W55SMC			
MB-A	MOP BASIN	1/2"	1/2"	3"	-	2"	FIAT MSB, MOLDED STONE, 36" X 36" X 12", T&S BRASS B-0685-BSTP WALL MOUNTED FAUCET, BUCKET HOOK, HOSE END, VACUUM BREAKER			
MB-B	MOP BASIN	1/2"	1/2"	3"	-	2"	FIAT MSB, MOLDED STONE, 24" X 24" X 10", T&S BRASS B-0685-BSTP WALL MOUNTED FAUCET, BUCKET HOOK, HOSE END, VACUUM BREAKER			
EEW-A	EYE WASH	1/2"	1/2"	1-1/2"	-	1-1/2"	BRADLEY S19224 WALL MOUNT EYE WASH, S19-2000 EP88 MIXING VALVE AND TEMPERATURE GAUGE			
EEW-B	EYE WASH	1/2"	1/2"	1-1/2"	-	1-1/2"	BRADLEY S19274E SWINGS ACTIVATED EYE WASH, S19-2000 EP88 MIXING VALVE AND TEMPERATURE GAUGE			

AIR COMPRESSOR SCHEDULE										
NO.	LOCATION	SERVICE	ACFM	MAX PRESSURE	MOTOR		PHASE	TYPE	DESIGN MAKE	
AC-1	PLUMBING 105	AUTO SHOP	51.0	175	15	230	3	RECIPRO	RAND 7100E15 WITH DRYER, FILTER AND SEPERATOR	

EXPANSION TANK SCHEDULE						
TAG NO.	LOCATION	SERVICE	MAXIMUM SYSTEM PRESSURE (PSI)	TANK VOLUME (GALS.)	ACCEPTANCE FACTOR	MANUFACTURER AND REMARKS
ET-1	PLUMBING EQ ROOM 105	DOMESTIC HOT WATER	150	23.0	0.49	AMTROL ST-42VC-DD ASME
ET-2	WATER HEATER CLOSET 136	DOMESTIC HOT WATER	150	2.0	0.45	AMTROL ST-5C-DD ASME

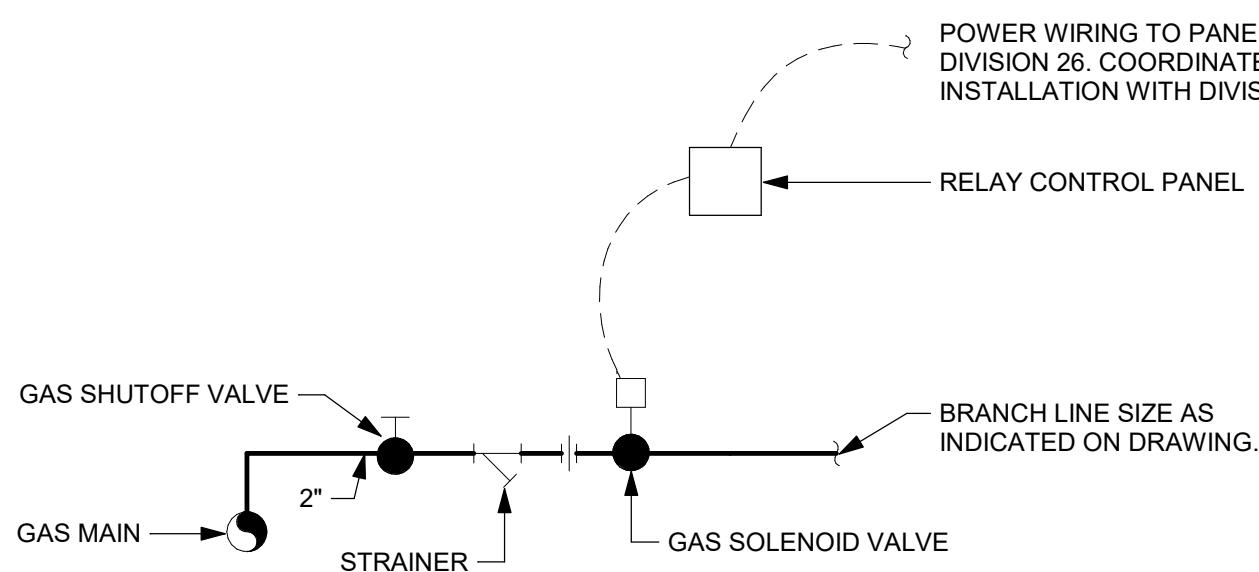
NATURAL GAS WATER HEATER SCHEDULE							
TAG NO.	LOCATION	VENT SIZE (IN)	STORAGE CAPACITY (GAL)	GPH RECOVERY @ 100°F RISE	NATURAL GAS GPH	REFERENCE	MANUFACTURER
GWH-1 LOCKER RM	WATER CLOSET 136	4"	119	349	300	AOSMITH BTH-300A	
GWH-2 CULLINARY	PLUMBING RM 105	4"	120	882	750	AOSMITH BTHS-750A	
GWH-3A BUILDING	PLUMBING RM 105	4"	100	582	250	AOSMITH BTH-250A	
GWH-3B BUILDING	PLUMBING RM 105	4"	100	582	250	AOSMITH BTH-250A	
GWH-4 VETICOSMO	PLUMBING RM 105	4"	119	349	300	AOSMITH BTH-300A	



- GENERAL NOTES:
- ADJUST HOSE STOPS AND REEL TENSION. CONTROL HANDLE TO HANG AT 4'-6" AFF UNLESS OTHERWISE REQUESTED BY OWNER.
 - QUICK DISCONNECT TO MATCH OWNER'S MODEL FOR RENOVATIONS
 - COLOR CODE EXPOSED PIPING IN SERVICE BAYS. PAINT 12" BAND ON PIPING ON 20 FOOT CENTERS WITH UNIQUE COLOR FOR EACH PIPE CONTENTS. PROVIDE CHART WITH KEY TO COLORS TO OWNER.

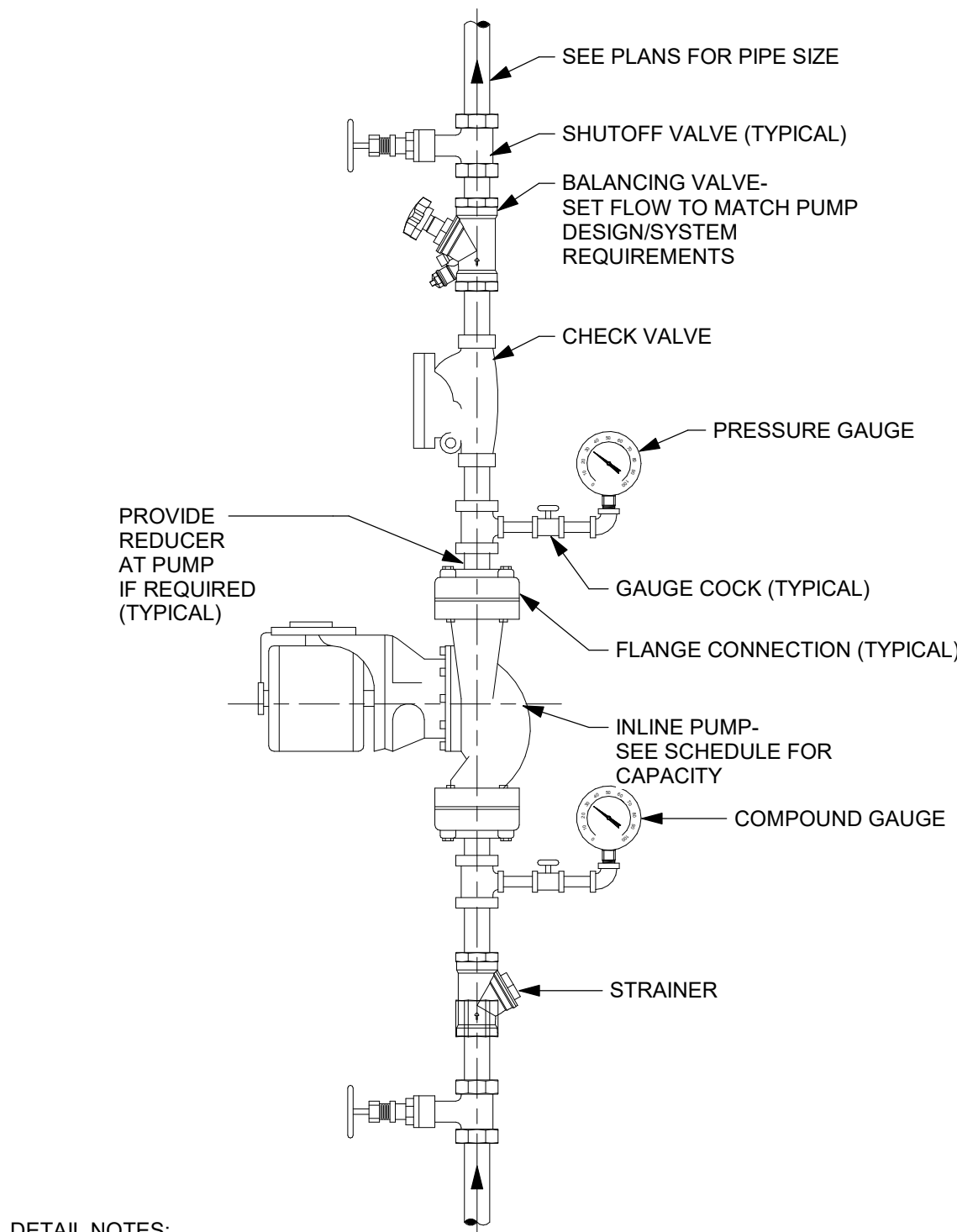
5 COMPRESSED AIR - HOSE REEL DETAIL

P001 NOT TO SCALE



4 CLASSROOM GAS PIPING SHUT-OFF DETAIL

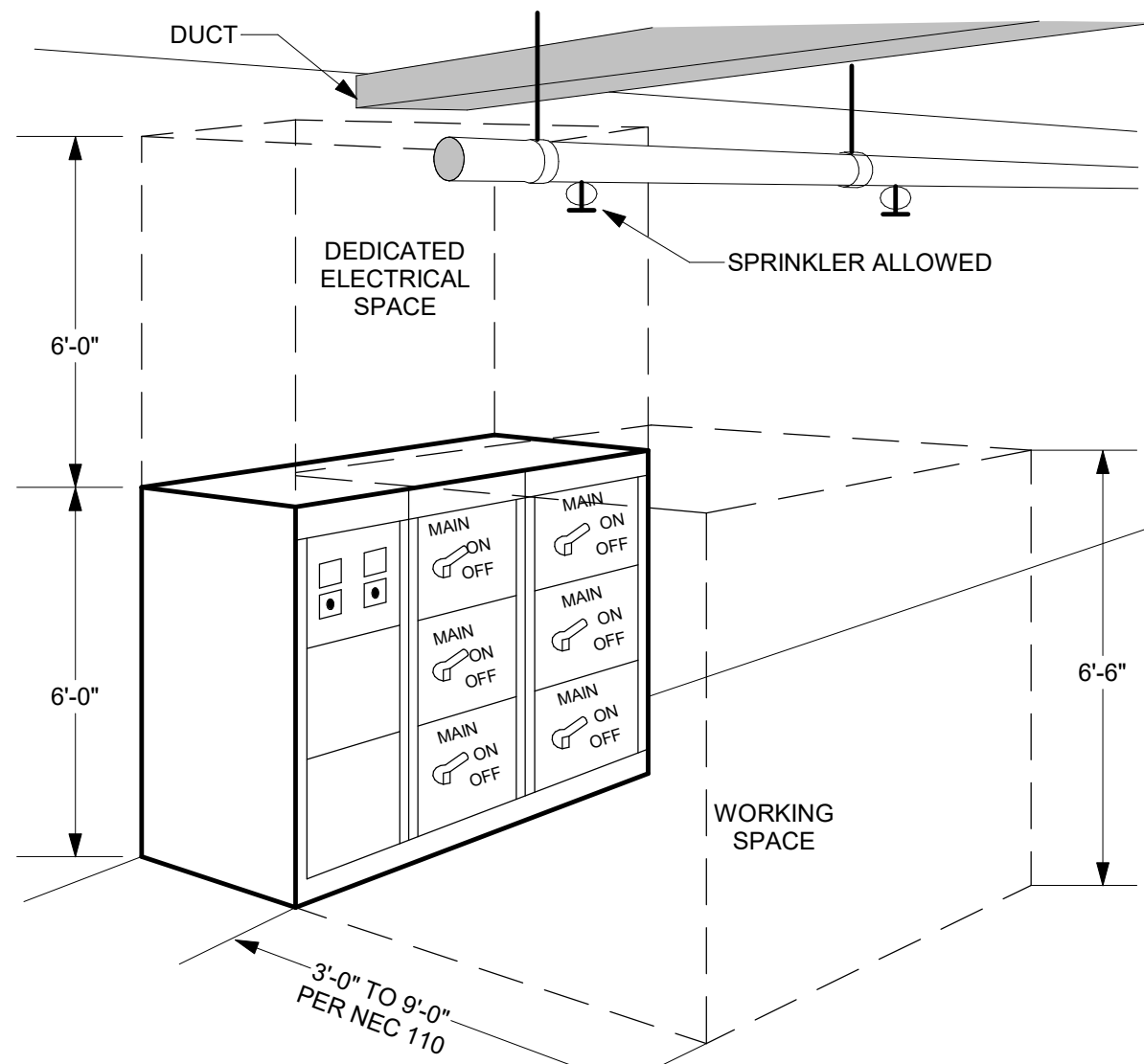
P001 NOT TO SCALE



- DETAIL NOTES:
- PRESSURE GAUGES - SELECT GAUGE RANGE TO PLACE MAXIMUM SYSTEM OPERATING PRESSURE IN MIDDLE THIRD OF RANGE.
 - PROVIDE UNION ON PUMP INLET AND OUTLET IF PUMP IS NOT FLANGED.
 - INSTALL PUMP WITH SHAFT HORIZONTAL. PIPING MAY BE INSTALLED VERTICAL, AS SHOWN, OR HORIZONTAL DEPENDING ON SITE CONDITIONS.
 - INSTALL CHECK VALVE HORIZONTALLY OR VERTICALLY WITH FLOW UPWARD.

3 INLINE PUMP DETAIL

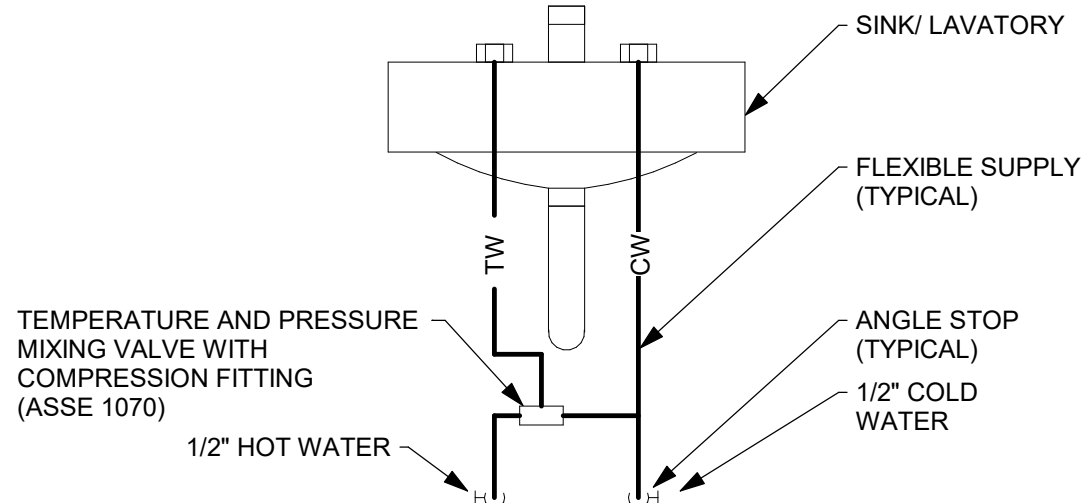
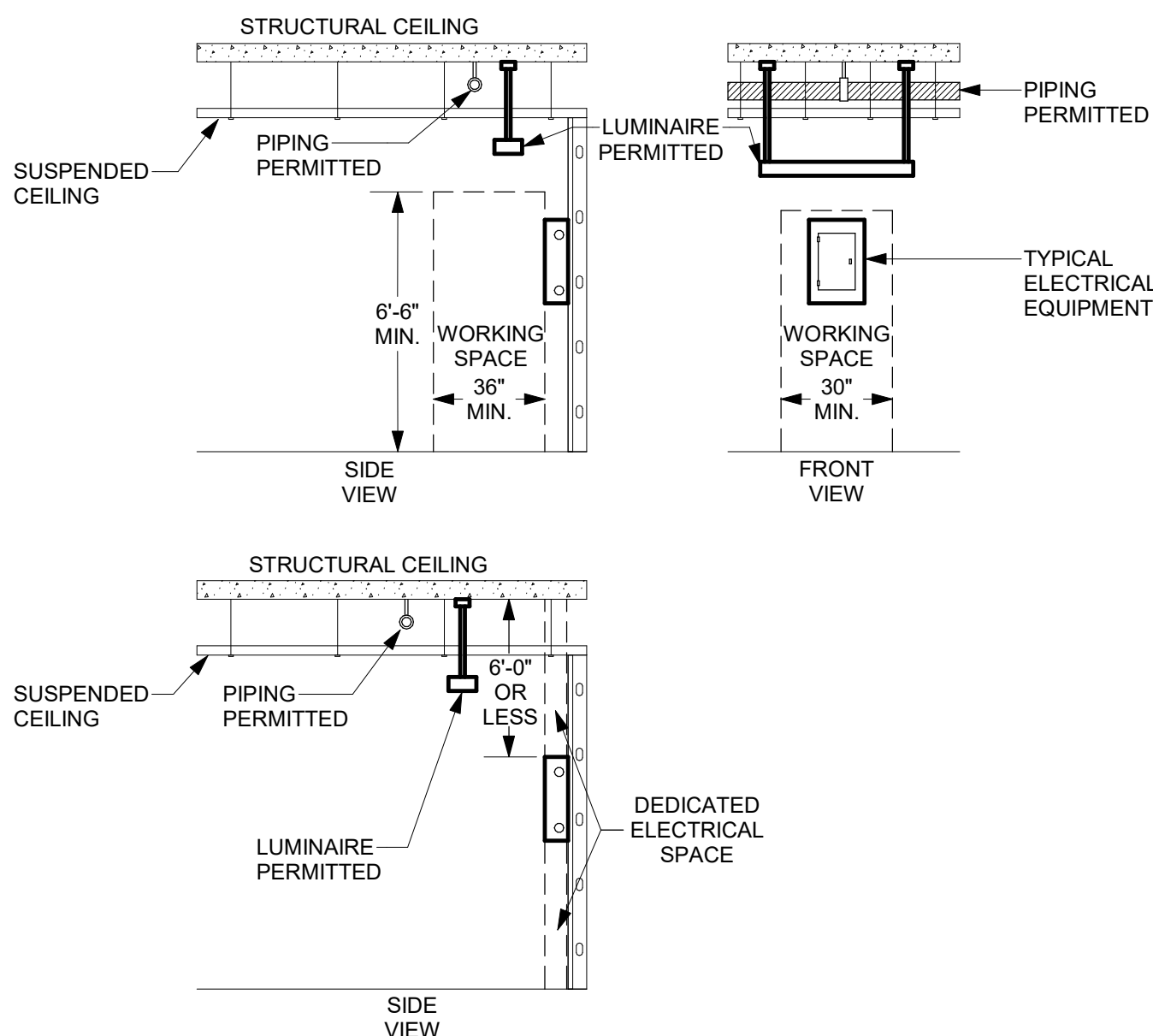
P001 NOT TO SCALE



- DETAIL NOTES:
- ELECTRICAL EQUIPMENT INCLUDES PANELS, TRANSFORMERS, DISCONNECTS, STARTERS, MOTOR CONTROL CENTERS, SWITCHGEAR, ADJUSTABLE SPEED DRIVES, AND FUSED SWITCHES (THIS ALSO APPLIES TO ELECTRICAL GEAR MOUNTED DIRECTLY ON MECHANICAL EQUIPMENT).
 - DEDICATED ELECTRICAL SPACE IS DEFINED BY NEC 110.
 - NO PIPING OR DUCTWORK MAY BE INSTALLED IN DEDICATED ELECTRICAL SPACE OR WORKING SPACE.

2 PIPING OVER ELECTRICAL EQUIPMENT DETAIL

P001 NOT TO SCALE



- DETAIL NOTE:
- PROVIDE A MIXING VALVE FOR EACH HAND SINK AND LAVATORY.
 - MIXING VALVE SHALL BE ADJUSTED TO DELIVER TEMPERED WATER AT 105°F.

1 POINT OF USE MIXING VALVE DETAIL

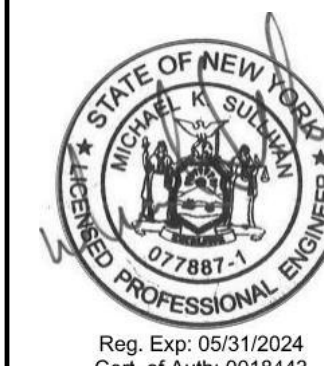
P001 NOT TO SCALE

PLUMBING GENERAL NOTES	
#	Note
A	THESE NOTES ARE APPLICABLE TO THE FULL SET OF CONTRACT DRAWINGS
B	EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE. THE LOCATIONS SHOWN MUST BE CONSIDERED APPROXIMATE. OTHER SUCH WORK MAY EXIST, HOWEVER LOCATION AND SIZE ARE NOT PRESENTLY KNOWN.
C	WHEN EXISTING CONSTRUCTION IS DAMAGED BY WORK BY THIS CONTRACTOR, REPAIR AND/OR REPLACE WITH SIMILAR MATERIALS AS MUCH AS POSSIBLE, SUBJECT TO ARCHITECTS APPROVAL.
D	DISPOSE OF ALL DEMOLITION AND/OR OTHER WASTE MATERIALS CAUSED BY WORK OF THIS CONTRACTOR. LEGALLY DISPOSE ALL MATERIALS TO A LOCATION OFF SITE.
E	COORDINATE AND SCHEDULE WORK AND SHUTDOWNS WITH THE OWNER AND OTHER TRADES PRIOR TO DEMOLITION.
F	ALL EXISTING PIPING TO REMAIN SHALL BE RECONNECTED TO ACTIVE SERVICE PIPING.
G	ALL PIPING TO BE REMOVED SHALL BE REMOVED BACK TO ACTIVE SERVICE PIPING AND CAPPED. VALVE AND CAP ALL WATER PIPING. REMOVE ALL INACTIVE PIPING UNLESS OTHER WISE NOTED.
H	ALL PIPING TO BE REMOVED AND IN A WALL TO REMAIN MAY BE ABANDONED IN PLACE UNLESS NOTED.
I	PATCH HOLES IN EXISTING CONSTRUCTION LEFT BY THE REMOVAL OF PIPING OR EQUIPMENT WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. MAINTAIN FIRE SMOKE RATING.
J	DEMOLITION SHALL INCLUDE, BUT NOT LIMITED TO, PIPING, VALVES, FIXTURES, EQUIPMENT, HANGERS, SUPPORTS AND INSULATION, EXCEPT ASBESTOS.
K	REMOVE EXISTING CONSTRUCTION IN THE WAY OF NEW WORK. PROTECT BUILDINGS AND FURNISHINGS FROM DAMAGE.
L	WHERE NEW WORK IS TO BE INSTALLED ABOVE AN EXISTING CEILING, PROVIDE FOR THE REMOVAL OF THE CEILING. UPON COMPLETION OF WORK, REPAIR ALL DAMAGED CEILING SURFACES. REPLACE ALL DAMAGED TILES.
M	SLEEVE AND SEAL ALL WALL AND FLOOR PENETRATIONS. PROVIDE FIRESTOPPING FOR ALL PENETRATIONS.
N	MAINTAIN SERVICE CLEARANCES OF ALL EQUIPMENT. ADVISE OTHER TRADES OF REQUIRED CLEARANCES.
O	PROVIDED FOR THE DRAINAGE AND REFILLING OF PIPING SYSTEMS, INCLUDING AIR REMOVAL, RESETTING OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUTDOWNS AND STARTUPS.
P	REFER TO EQUIPMENT/FIXTURE SCHEDULE FOR FINAL CONNECTION SIZES.
Q	PROVIDE CLEANOUTS AT THE BASE OF ALL STORM, SANITARY AND WASTE STACKS.
R	PITCH 4" AND LARGER SANITARY AND WASTE PIPING AT 1/8" PER FOOT UNLESS NOTED OTHERWISE. FOR SANITARY AND WASTE PIPING 3" AND SMALLER, PITCH AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.
S	COORDINATE LOCATION AND ELEVATION OF STORM AND SANITARY LATERALS AND WATER SERVICE PIPING WITH THE SITE CONTRACTOR. NO ALLOWANCES WILL BE MADE FOR ADDITIONAL COST DUE TO THE CONTRACTORS FAILURE TO COORDINATE TERMINATION POINTS. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE FINAL CONNECTIONS TO THE SITE UTILITIES.
T	MINIMUM SIZE OF WASTE PIPING BELOW SLAB SHALL BE 3" EXCEPT PIPING SERVING FLOOR DRAINS SHALL BE 4". MINIMUM SIZE OF VENT PIPING BELOW SLAB SHALL BE 2" UNLESS NOTED OTHERWISE.
U	PITCH 4" AND LARGER STORM PIPING AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.

PLUMBING SYMBOL LIST	
SYMBOL	DESCRIPTION
☼	POINT OF CONNECTION
NTS	NOT TO SCALE
(E)	EXISTING
(ETR)	EXISTING TO REMAIN
AF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
VTR	VENT THRU ROOF
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR
---	NEW PIPING LOCATED ABOVE FLOOR/SLAB
---	NEW PIPING LOCATED BELOW FLOOR/SLAB
---	COLD WATER PIPING (CW)
---	HOT WATER PIPING (HW)
---	HOT WATER RECIRCULATING PIPING (HWR)
---	3/4" HOT WATER RECIRCULATING PIPING (HWR)
---	WATER SERVICE - EXTERIOR
---	SANITARY SEWER PIPING
---	GREASE WASTE PIPING (GW)
---	VENT PIPING (V)
---	STORM WATER SEWER PIPING (ST)
---	SECONDARY STORM WATER SEWER PIPING (ST2)
---	NATURAL GAS PIPING (G)
---	COMPRESSED AIR PIPING (CA)
---	ELBOW DOWN
---	45° OFFSET
---	ELBOW UP
---	BOTTOMTEE CONNECTION
---	TOP TEE CONNECTION
---	*P TRAP
---	PIPE CONTINUATION
---	CAP OR FLUSH
---	DECK PLATE CLEANOUT (DPCO)
---	WALL PLATE CLEANOUT (WPCO)
---	CLEANOUT (CO)
---	FLOOR DRAIN (FD) / FLOOR SINK (FS)
---	ROOF DRAIN
---	WALL HYDRANT (WH) / HOSE BIBB (HB)
---	STRAINER
---	WATER METER
---	CATCH BASIN
---	SHUT OFF VALVE
---	BALANCING VALVE
---	CHECK VALVE
---	SOLENOID VALVE
---	PIPE GUIDE
---	UNION
---	BACKFLOW PREVENTER (BFP)
---	SHOCK ABSORBER (SA)
---	RECIRCULATION PUMP
---	THERMOMETER
---	PRESSURE GAUGE
(X)	DRAWING KEYNOTE

NEWBURGH ENLARGED CITY SCHOOL DISTRICT NEW CTE BUILDING

Project Title



NO.	DATE	DESCRIPTION
1	5/1/2024	RD Addendum #1
2	5/2/2024	RD Addendum #2
3	5/3/2024	RD Addendum #3
4	5/4/2024	Revision 1

Drawn By:	MT
Checked By:	MT
Proj. #:	44-16-00-81-0-053-001
CSArch Proj. #:	108-2303
Construction Documents:	4/15/2024

Sheet Title

PLUMBING NOTES, SYMBOLS AND SCHEDULES

Sheet No.

CTE P001

CONSTRUCTION DOCUMENTS

19 Front St., Newburgh - New York 12550-7601
845-561-3179 www.csarch-pc.com

Consultant



ME PROJECT 23131300

CSARCH



- 4 1/4" SANITARY UP
- 2 4" PRIMARY STORM UP
- 3 STORM UP TO DECKPLATE CLEAN OUT
- 2 2" SANITARY UP
- 4 1/4" SANITARY WITH P-TRAP UP
- 6 2" VENT UP
- 7 SANITARY UP TO DECKPLATE CLEAN OUT
- 6 6" COMBINED DOMESTIC/ FIRE WATER SERVICE UP
- 3 3" SANITARY UP
- 10 1-1/2" VENT UP
- 11 6" STORM UP
- 12 3" SANITARY WITH P-TRAP UP
- 13 4" VENT UP
- 14 1/2" HOT AND COLD WATER UP
- 15 OIL WASTE UP TO CLEAN OUT
- 16 2" OIL WASTE UP
- 17 4" OIL WASTE WITH P-TRAP UP TO TRENCH DRAIN
- 18 3" VENT UP
- 20 4" GREASE WASTE UP
- 21 SANITARY FROM GREASE INTERCEPTOR TO SITE
- 22 MEDIUM PRESSURE NATURAL GAS SERVICE FROM UTILITY COMPANY
- 23 4" NATURAL GAS UP
- 24 1" COMPRESSED AIR UP
- 25 3/4" COMPRESSURE AIR UP TO LIFT CONTROLS
- 26 4" OIL WASTE WITH P-TRAP UP TO DRAIN IN LIFT PIT

consultant



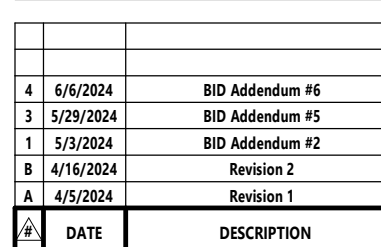
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Project Title



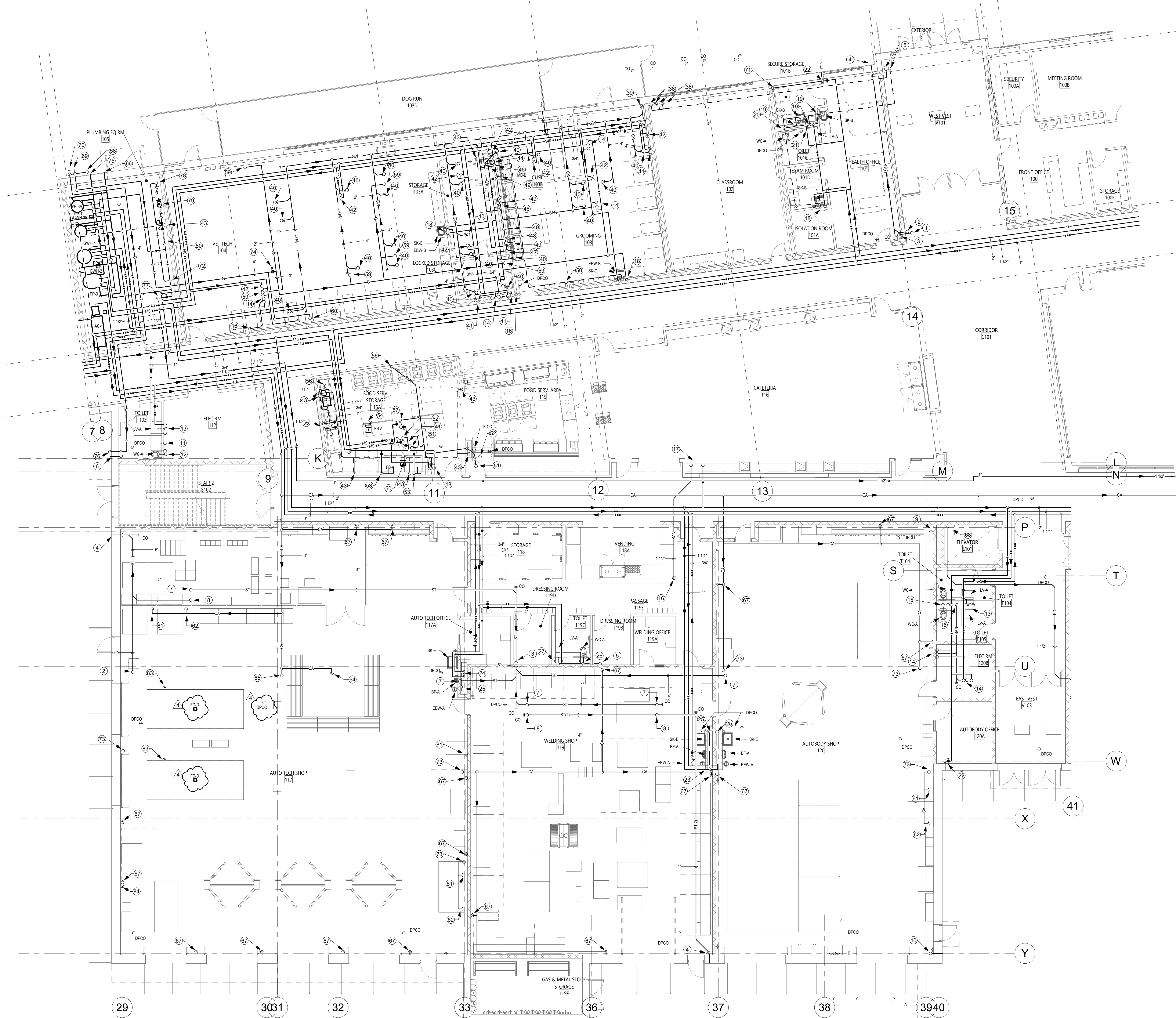
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CSArch Proj. #:	108-230
Construction Documents:	4/15/2013

Sheet No.

CTE
P101

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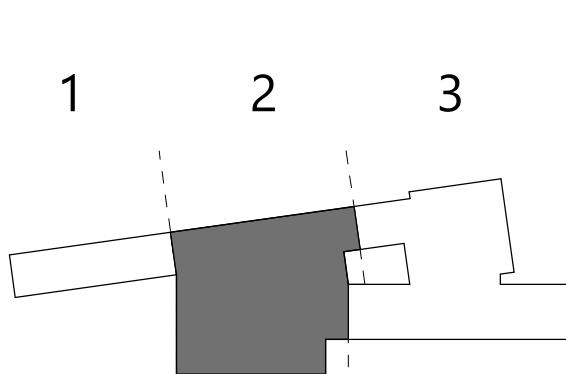
1 FIRST FLOOR - AREA 2 - PLUMBING PLAN P112 1/8" = 1'-0"

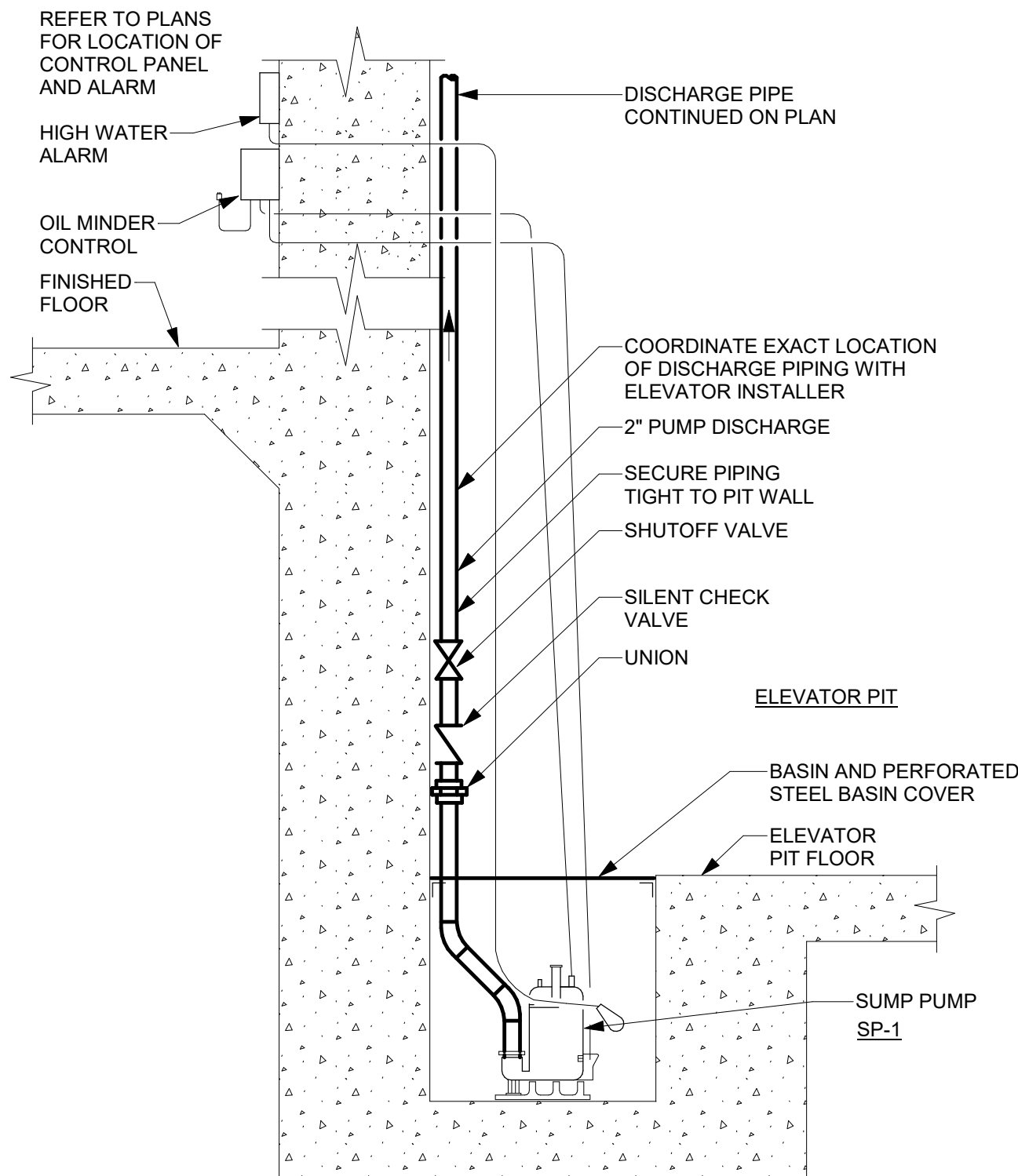


P112 DRAWING NOTES

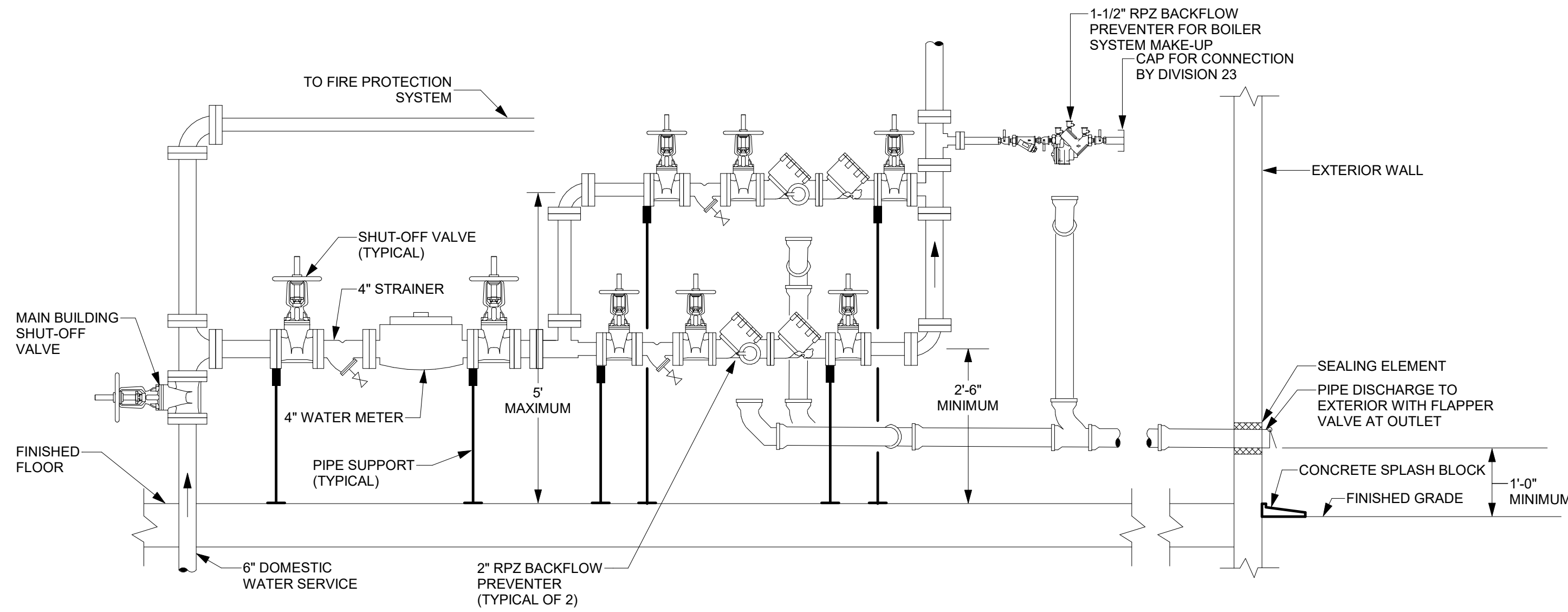
- 1" PRIMARY STORM UP
- 6" SECONDARY STORM UP
- 6" PRIMARY STORM DOWN
- 6" SECONDARY STORM DROP TO 1'-6" ABOVE GRADE AT EXTERIOR AND DISCHARGE OVER SPLASH BLOCK BY OTHERS. PROVIDE DOWNSPOUT AT EXTERIOR TERMINATION
- 3" VENT UP
- 4" SECONDARY STORM DROP TO 1'-6" ABOVE GRADE AT EXTERIOR AND DISCHARGE OVER SPLASH BLOCK BY OTHERS. PROVIDE DOWNSPOUT AT EXTERIOR TERMINATION
- 4" PRIMARY STORM UP
- 4" SECONDARY STORM UP
- 6" PRIMARY STORM UP AND DOWN
- 6" SECONDARY STORM UP; 6" DROP DOWN TO 1'-6" ABOVE GRADE AT BUILDING EXTERIOR AND TERMINATE WITH HINGED DOWNSPOUT COVER
- 4" PRIMARY STORM UP AND DOWN
- 4" SANITARY UP AND DOWN; 1" SANITARY DROP AND UP TO FLUSH VALVES
- 2" SANITARY UP; 2" SANITARY DOWN; 1/2" HOT AND COLD WATER DROP AND UP TO MIXING VALVE/ FAUCET SUPPLIES
- 1-1/2" SANITARY UP; 1/2" HOT AND COLD WATER UP TO MIXING VALVE/ FAUCET SUPPLIES
- 4" AND 4" VENT SANITARY UP AND DOWN; 1" SANITARY DROP AND UP TO FLUSH VALVES
- 2" SANITARY DOWN
- 1-1/2" SANITARY UP; 1/2" COLD WATER UP
- 1-1/2" SANITARY DROP; 2" DOWN; 1-1/2" VENT RISE; 1/2" HOT AND COLD WATER DROP TO MIXING VALVE/ FAUCET SUPPLIES
- 1-1/2" SANITARY DROP IN WALL; 1-1/2" VENT RISE
- 3" SANITARY DOWN; 2" VENT RISE
- 1-1/4" COLD WATER AND 1/2" HOT WATER DROP; ROUTE IN CHASE - 1" COLD WATER TO FLUSH VALVE; 1/2" HOT AND COLD WATER TO MIXING VALVE/ FAUCET SUPPLIES
- 3/4" COLD WATER DROP DOWN TO FROST FREE WALL HYDRANT
- 1" HOT AND 1-1/4" COLD WATER DROP; ROUTE IN CHASE TO MIXING VALVE/ FAUCET SUPPLIES, BOTTLE FILLER AND EYE WASH STATION. PROVIDE EMERGENCY MIXING VALVE AND THERMOMETER IN VISIBLE LOCATION AT EYE WASH STATION. ROUTE 1/2" TEPID WATER FROM MIXING VALVE TO EYE WASH
- 3/4" HOT AND 1" COLD WATER DROP; ROUTE IN CHASE TO MIXING VALVE/ FAUCET SUPPLIES, BOTTLE FILLER AND EYE WASH STATION. PROVIDE EMERGENCY MIXING VALVE AND THERMOMETER IN VISIBLE LOCATION AT EYE WASH STATION. ROUTE 1/2" TEPID WATER FROM MIXING VALVE TO EYE WASH
- 2" SANITARY DOWN; ROUTE IN CHASE TO FIXTURE TRAPS
- 3" SANITARY DOWN; 2" VENT RISE; 1" COLD WATER DROP
- 1-1/2" SANITARY DROP; 1-1/2" VENT RISE; 1/2" HOT AND COLD WATER DROP TO MIXING VALVE/ FAUCET SUPPLIES
- 3" VENT RISE
- 4" GREASE WASTE DOWN
- 3" GREASE WASTE WITH P-TRAP UP TO FLOOR SINK
- 1/2" HOT AND COLD WATER UP
- 3/4" HOT AND COLD WATER UP
- 2" VENT RISE
- 1-1/2" HOT AND COLD WATER DROP
- 1-1/2" SANITARY DROP; 2" SANITARY IN WALL; 1-1/2" VENT RISE
- 1-1/2" SANITARY DROP; 2" DOWN; 1-1/2" VENT RISE; P-TRAP IN WALL; 1-1/2" HOT AND COLD WATER DROP TO WASHING MACHINE SUPPLY BOX
- 2" SANITARY DOWN; 2" VENT RISE
- 1" HOT AND COLD WATER DROP; ROUTE IN WALL. PROVIDE 1/2" HOT AND COLD TO WASH TUB SUPPLIES
- 1-1/2" SANITARY WITH P-TRAP TO EACH WASH TUB. PROVIDE HAIR TRAP SIMILAR TO STRIEM SIDEKICK POINT OF USE SIDE ACCESS SOLIDS INTERCEPTOR IN DRAIN PIPING
- 2" VENT UP
- 3" SANITARY WITH P-TRAP UP
- 1-1/2" VENT UP
- 1-1/2" COLD WATER CONNECTION TO EACH COMBI UNIT. SUPPLY. ROUTE DRAIN CONNECTION AND DISCHARGE WITH DOWN TURNED ELBOW 1" ABOVE FLOOD RIM OF FLOOR SINK
- 1/2" HOT AND COLD WATER RISE; 1-1/2" DRAIN FROM FIXTURE TO DISCHARGE 1" OVER FLOOR SINK
- 1/2" HOT AND COLD WATER DROP TO FAUCET SUPPLIES. ROUTE 1-1/2" WASTE TO FLOOR MOUNTED AUTOMATIC GREASE TRAP
- 3" SANITARY DOWN
- 1-1/2" SANITARY; 1/2" HOT AND COLD WATER UP
- 58 MEDIUM PRESSURE NATURAL GAS SERVICE FROM UTILITY COMPANY
- 59 2" NATURAL GAS RISE
- 60 4" NATURAL GAS UP TO ROOF
- 61 3/4" COMPRESSED AIR DROP DOWN TO REGULATOR STATION AND CONNECT TO TIRE CHANGING EQUIPMENT
- 62 3/4" COMPRESSED AIR DROP DOWN TO REGULATOR STATION AND CONNECT TO WHEEL BALANCING EQUIPMENT
- 64 3/4" COMPRESSED AIR DROP DOWN TO HOSE REEL - REELCRAFT 56500LP - 3/8" X 50' HEAVY DUTY HOSE REEL WITH BUMPER STOPS
- 65 1" COMPRESSED AIR UP
- 66 6" COMBINED DUCTED SUPPLY AIR TO HOT WATER HEATERS
- 67 3/4" COMPRESSED AIR DROP DOWN TO HOSE REEL - REELCRAFT 56500LP - 3/8" X 50' HEAVY DUTY HOSE REEL WITH BUMPER STOPS
- 68 1-1/2" PUMPED DISCHARGE RISE FROM SUMP PUMP
- 69 NATURAL GAS SHUTOFF VALVE FOR BUILDING
- 70 NATURAL GAS SHUTOFF VALVE FOR GENERATOR
- 71 1/2" COLD WATER DROP DOWN TO SUPPLY BOX IN WALL FOR REFRIGERATOR
- 72 6" DOMESTIC COLD WATER TO FIRE PROTECTION SYSTEM
- 73 COMPRESSED AIR UP
- 74 3" SOLENOID VALVE FOR NATURAL GAS SHUT DOWN. COORDINATE WITH FIRE SUPPRESSION CONTRACTOR FOR ACTIVATION WITH HOOD SUPPRESSION SYSTEM ACTIVATION
- 75 6" COMBINED DUCTED EXHAUST AIR TO HOT WATER HEATERS
- 76 4" NATURAL GAS DROP DOWN TO UNDERGROUND TO SUPPLY GENERATOR
- 77 1-1/2" COLD WATER TO DUST COLLECTOR. SIGN TO BE PROVIDED INDICATING THAT THIS VALVE SHALL REMAIN OPEN AT ALL TIMES
- 78 6" COMBINED DOMESTIC AND FIRE WATER SERVICE
- 79 DOMESTIC WATER WETTED STRAINER
- 80 TWO DOMESTIC WATER REDUCED PRESSURE BACKFLOW PREVENTERS IN PARALLEL. SEE DETAIL 7 P301 FOR DETAILS
- 81 3/4" COMPRESSED AIR DROP DOWN TO REGULATOR STATION AND CONNECT TO H-FRAME PRESS EQUIPMENT
- 83 3/4" COMPRESSED AIR RISE UP TO LIFT CONTROLLER
- 84 3/4" COMPRESSED AIR DROP DOWN TO QUICK CHANGE CONNECTION FOR MOTOR CYCLE LINE

KEY PLAN

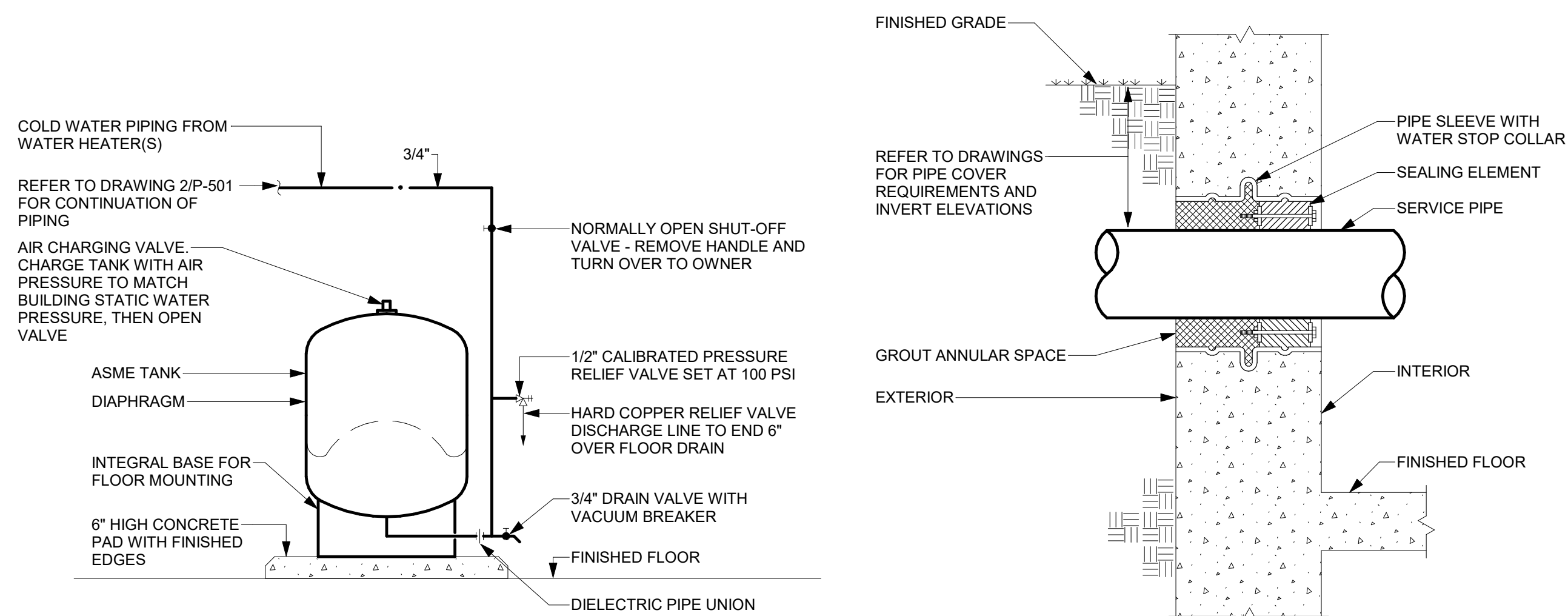




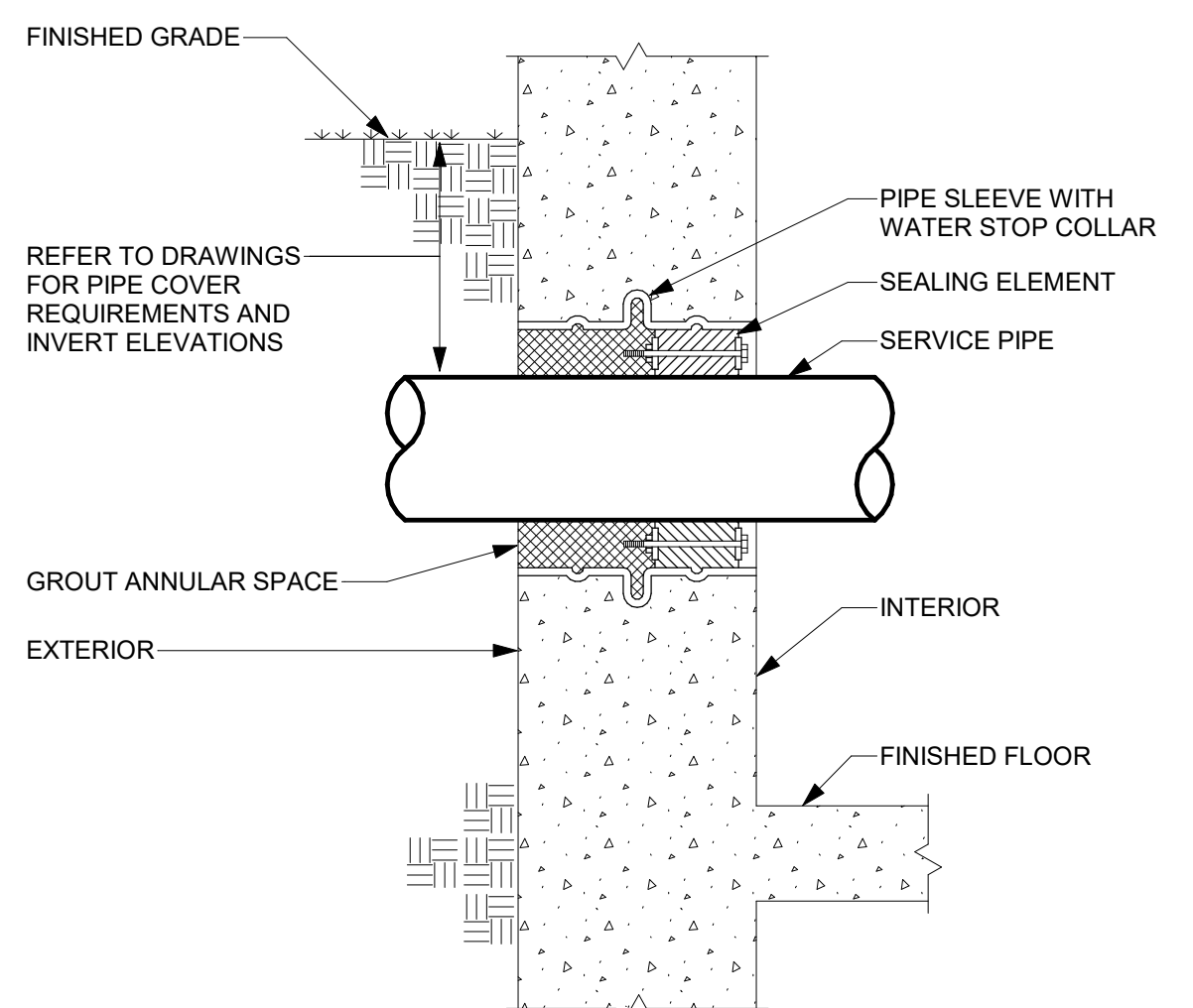
10 ELEVATOR SUMP PUMP DETAIL - BASIN IN SHAFT
P301 NOT TO SCALE



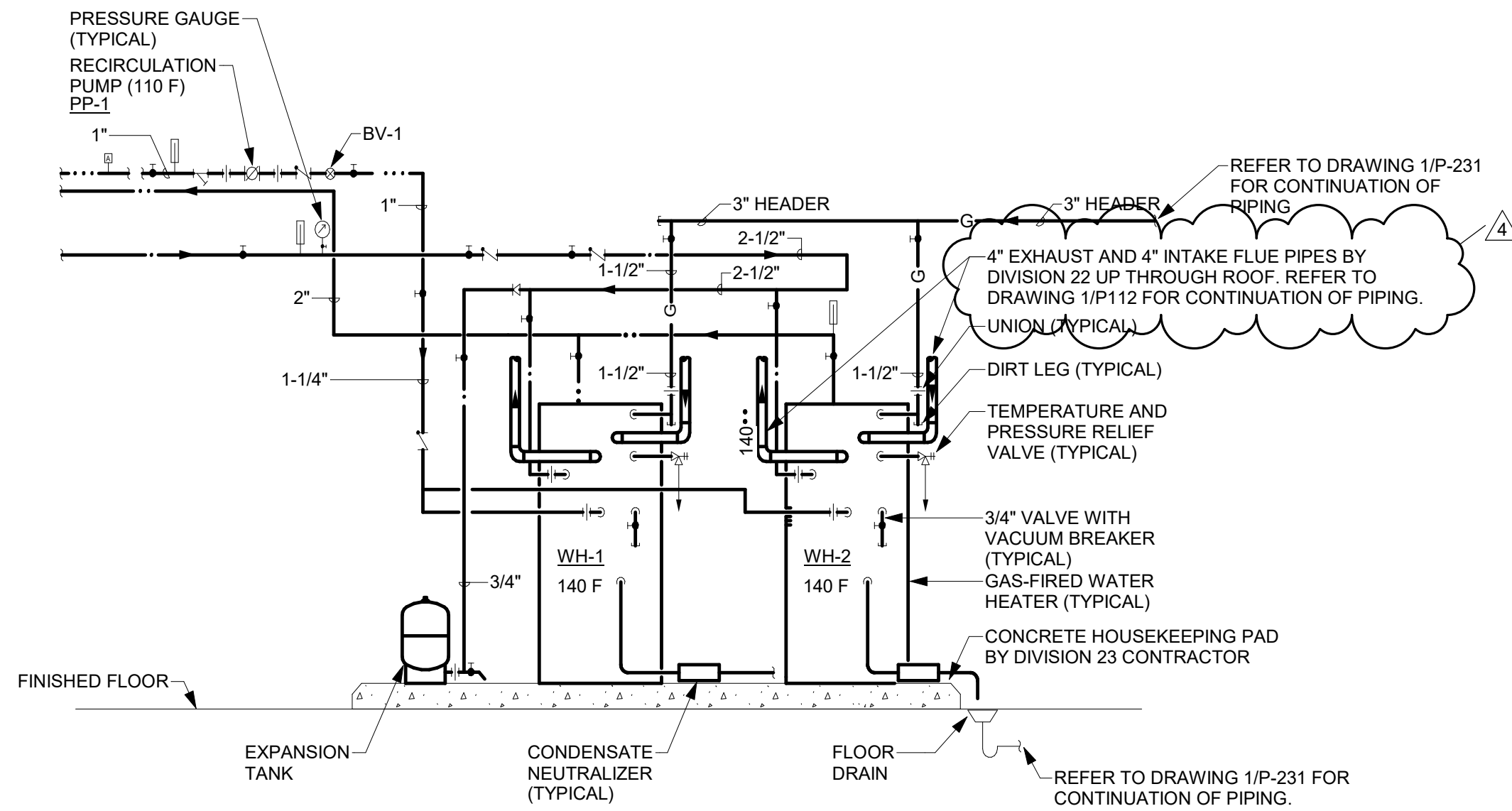
7 DOMESTIC WATER SERVICE ENTRANCE DETAIL
P301 NOT TO SCALE



4 THERMAL EXPANSION TANK DETAIL
P301 NOT TO SCALE

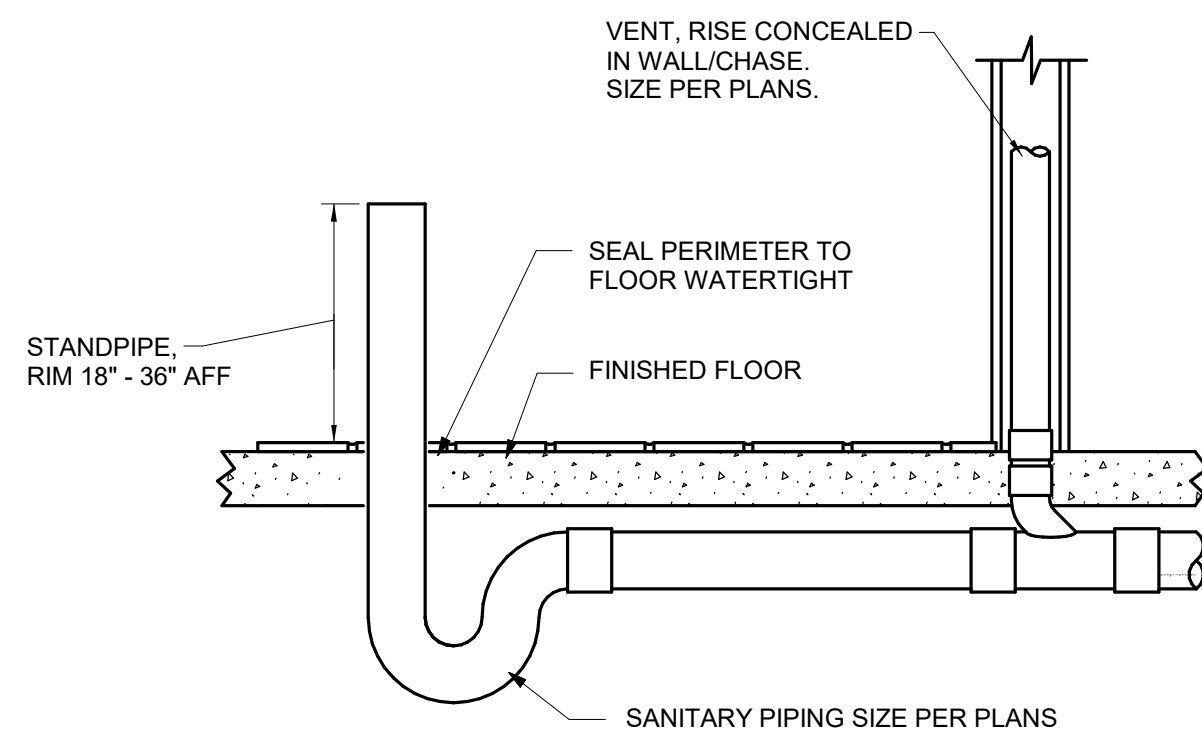


3 PIPE THRU NEW EXTERIOR WALL DETAIL
P301 NOT TO SCALE



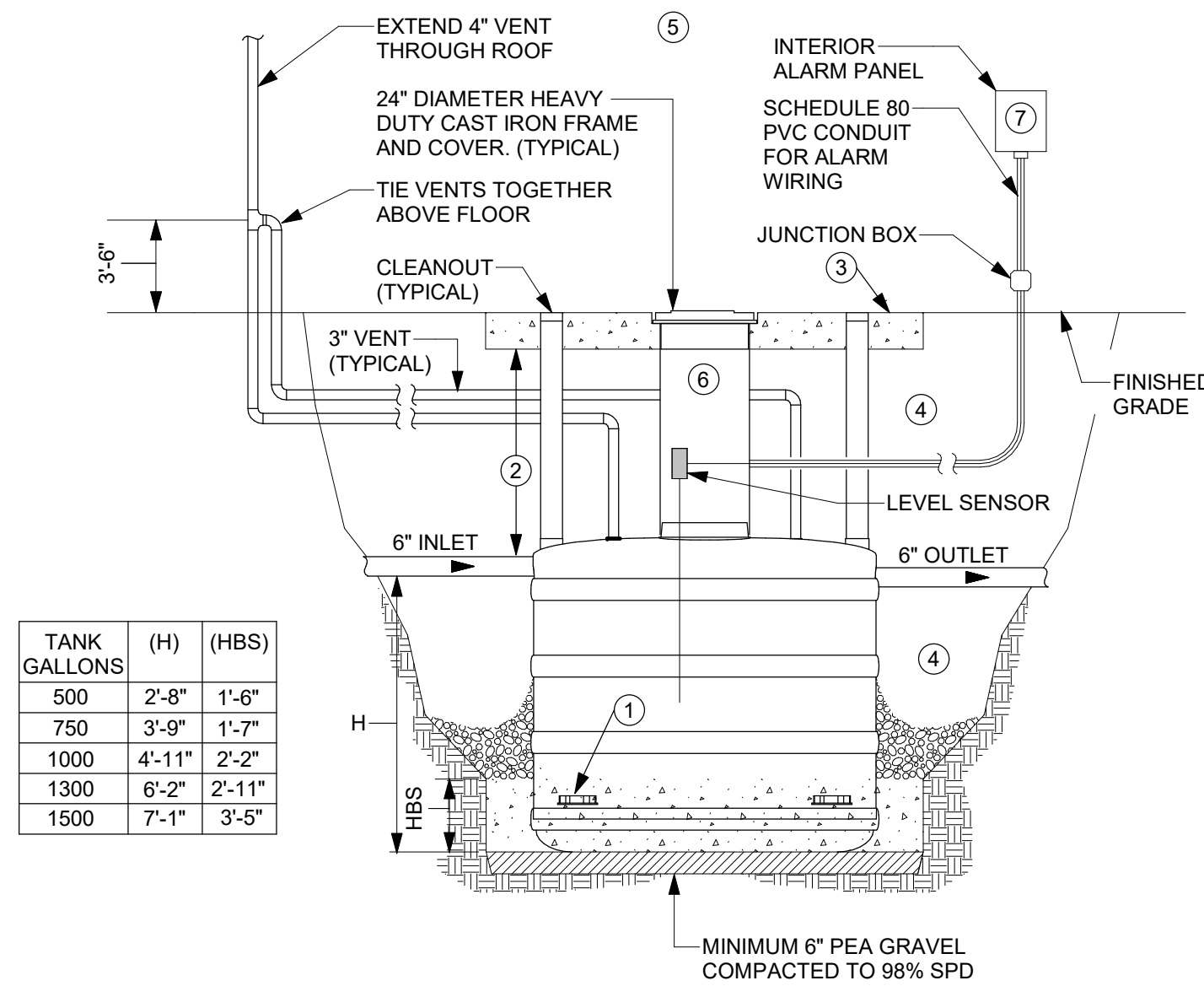
- DETAIL NOTES:
- INSTALL PIPING TO ALLOW FOR FUTURE REMOVAL OF WATER HEATERS.
 - RELIEF VALVE DISCHARGE PIPE SIZE SHALL MATCH VALVE OUTLET SIZE - TERMINATE ABOVE FLOOR DRAIN WITH CODE REQUIRED AIR GAP.
 - REFER TO EXPANSION TANK DETAIL FOR EQUIPMENT INSTALLATION SCHEMATIC.
 - PROVIDE AQUASTAT AT FURTHEST POINT WITH DOMESTIC HOT WATER DISTRIBUTION SYSTEM, OR AS SHOWN ON FLOOR PLANS, AND PROVIDE NECESSARY WIRING TO INTERLOCK WITH HEATER CONTROLS.
 - PIPING CONFIGURATION BASED ON CONDENSING WATER HEATER.
 - FLUE PIPING SHALL BE AL29-AC STAINLESS STEEL WITH SEALED JOINTS FOR CATEGORY 4 APPLIANCE.
 - PROVIDE WITH CONDENSATE NEUTRALIZER. CONNECT 3/4" CPVC PIPING TO WATER HEATERS AND NEUTRALIZER. TERMINATE CONDENSATE DRAIN ABOVE FLOOR DRAIN WITH CODE REQUIRED AIR GAP.

9 WATER HEATER SCHEMATIC
P301 NOT TO SCALE



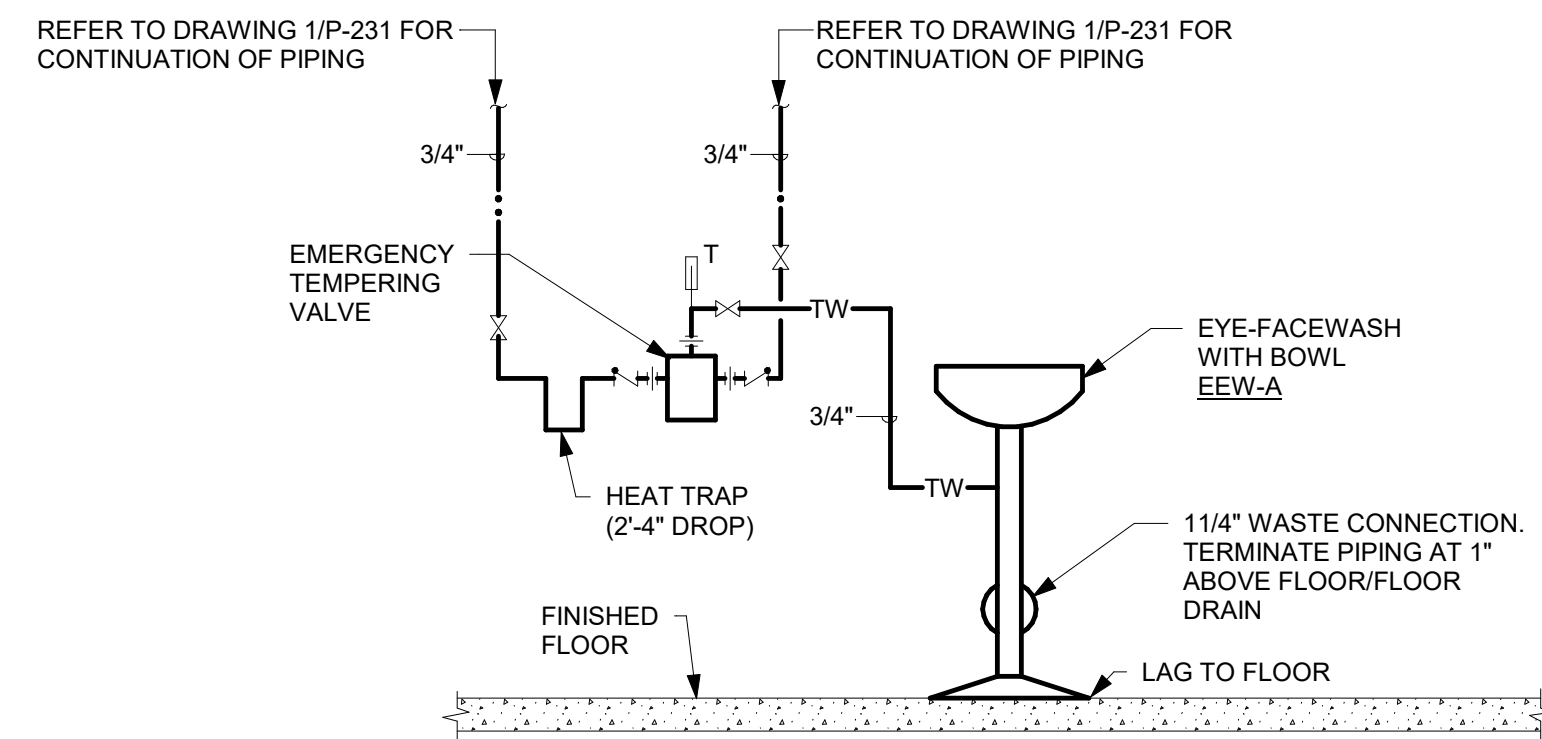
- DETAIL NOTES:
- PROVIDE TRAP GUARD FITTING.
 - SEE ARCHITECTURAL PLANS FOR FLOOR FINISHES AND SLOPES

6 ELEVATOR SUMP PUMP DISCHARGE STANDPIPE
P301 NTS



- DETAIL NOTES:
- POUR 3000 PSI CONCRETE READY MIX ANTI-BUOYANCY SLAB 1'-0" ALL AROUND THE SEPARATOR CELLS. ENSURE THAT ANCHOR BRACKETS ON SIDE OF TANK ARE COVERED.
 - 2'-7" MINIMUM DEPTH.
 - PROVIDE REINFORCED CONCRETE RELIEVING SLAB PER MANUFACTURERS DETAIL.
 - PROVIDE PEA GRAVEL COMPACTED TO 98% SPD.
 - REFER TO MANUFACTURERS INSTALLATION DETAILS FOR FURTHER REQUIREMENTS.
 - EXTENSION COLLAR WITH SIKAFLEX FIBERGLASS CAULKING.
 - POWER WIRING BY DIVISION 26 ALL OTHER WIRING BY DIVISION 22.

2 GREASE INTERCEPTOR DETAIL
P301 NOT TO SCALE

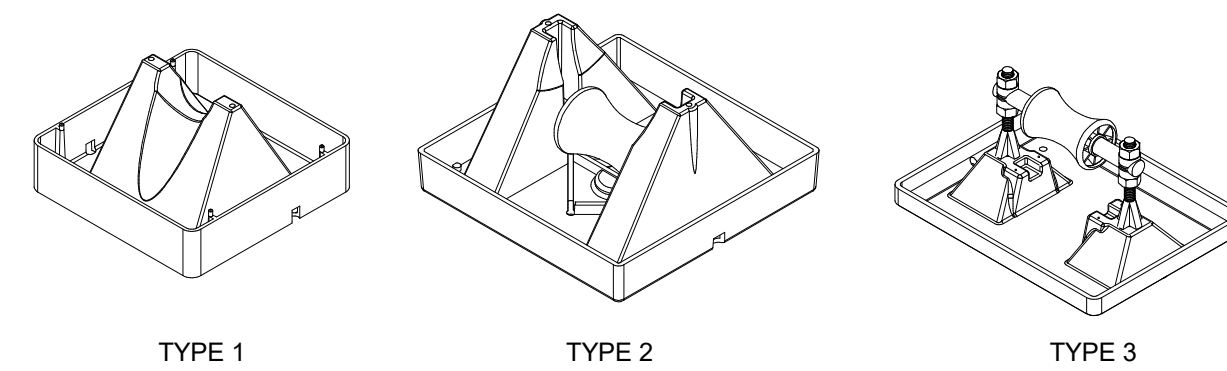


8 EMERGENCY SHOWER/EYEWASH DETAIL
P301 NOT TO SCALE

ROOF PIPE SUPPORTS					
TYPE	NOMINAL PIPE SIZE INCHES	MAXIMUM O.D. INCHES	MAX. WT. PER STAND LBS.	CLEARANCE BELOW PIPE INCHES	NOTES
1	1 1/2"	1.9"	80	2.3 - 5.3"	1, 3
2	3"	3.75"	100	2.2 - 6.2"	2
3	3"	6"	100	2.75 - 7"	

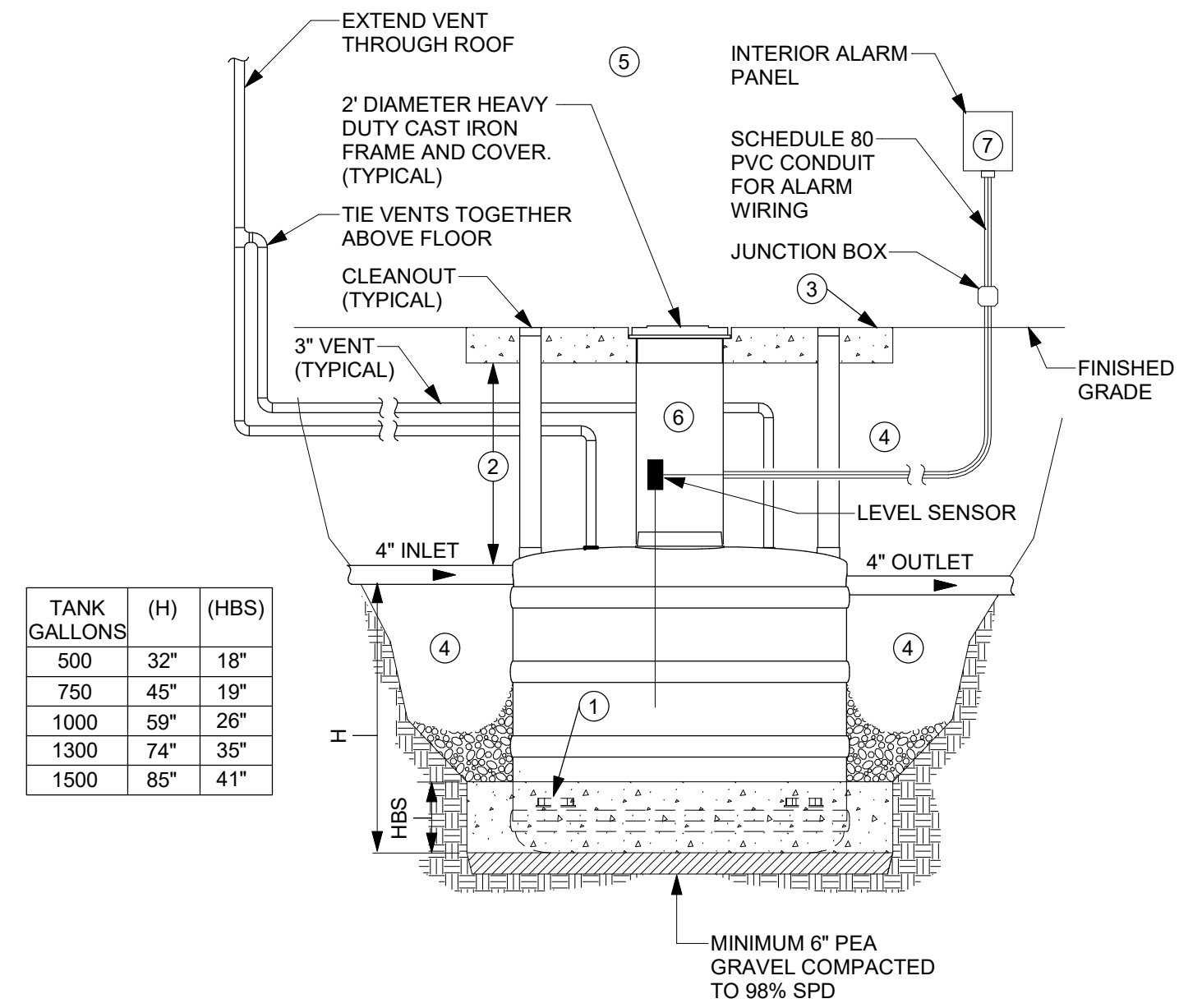
NOTES:

- WITHOUT ROLLER.
- 1 OR 2 SPACER UNITS MAY BE STACKED FOR MORE CLEARANCE, EACH 2" HIGH.
- UNITS MAY BE STACKED UP TO 3 HIGH FOR MORE CLEARANCE, ADD 1 1/2" E ACH.



- DETAIL NOTES:
- PROVIDE PIPE SUPPORTS FOR PIPING ON ROOF. SEE TABLE ABOVE FOR TYPES.
 - GAS PIPING LOCATED ON ROOF SHALL BE SUPPORTED AT ALL TURNS AND EVERY 8'-0" FOR PIPING 1" AND LESS IN SIZE, AND EVERY 10'-0" FOR ALL OTHER SIZES. PITCH PIPING AS SPECIFIED.
 - CENTER THE PIPE STAND BELOW THE PIPE AND PLACE THE PIPE GENTLY IN THE CRADLE. PROVIDE ROOFING MANUFACTURER'S RUBBER MEMBRANE PROTECTIVE PADS BELOW EACH PIPE SUPPORT.
 - FOR BUILT-UP AND STONE BALLASTED ROOFS - REMOVE ALL LOOSE AGGREGATE FROM A 1'-0" SQUARE AREA BELOW THE PIPE STAND BEFORE INSTALLING THE PROTECTIVE PAD.
 - ALL GAS PIPING LOCATED ON THE ROOF SHALL BE CLEANED, PRIMED AND PAINTED WITH ONE (1) PRIMER AND TWO (2) FINISH COATS OF COLOR SPECIFIED.

5 GAS PIPING ROOF SUPPORT DETAIL
P301 NOT TO SCALE



- DETAIL NOTES:
- POUR 3000 PSI CONCRETE READY MIX ANTI-BUOYANCY SLAB 12" ALL AROUND THE SEPARATOR CELLS. ENSURE THAT ANCHOR BRACKS ON SIDE OF TANK ARE COVERED.
 - 2'-7" MINIMUM DEPTH.
 - PROVIDE REINFORCED CONCRETE RELIEVING SLAB PER MANUFACTURERS DETAIL.
 - PROVIDE PEA GRAVEL COMPACTED TO 98% SPD.
 - REFER TO MANUFACTURERS INSTALLATION DETAILS FOR FURTHER REQUIREMENTS.
 - EXTENSION COLLAR WITH SIKAFLEX FIBERGLASS CAULKING.
 - POWER WIRING BY ELECTRICAL CONTRACTOR ALL OTHER WIRING BY PLUMBING CONTRACTOR.

1 OIL SEPARATOR DETAIL (500-1500 GALLON FIBERGLASS)
P301 NOT TO SCALE

VRF SYSTEMS				
CONDENSING UNIT	TAG	CS DX Total Cooling MBH	CS DX Total Cooling Btu/hr	
CU-A-1	ISU-CA-204	5.8	0.5 ton	
CU-A-1	ISU-CB-111	7.5	0.6 ton	
CU-A-1	ISU-CF-107	24	2.0 ton	
CU-A-1	ISU-CF-109	24	2.0 ton	
CU-A-1	ISU-CF-110A	24	2.0 ton	
CU-A-1	ISU-CF-205	24	2.0 ton	
CU-A-1	ISU-CG-201	30	2.5 ton	
CU-A-1	ISU-CG-202.1	30	2.5 ton	
CU-A-1	ISU-CG-202.2	30	2.5 ton	
CU-A-1	ISU-CH-108	36	3.0 ton	
CU-A-1	ISU-CH-223	36	3.0 ton	
CU-A-1		22.6 ton		
CU-B-1	ISU-CA-100A	5.8	0.5 ton	
CU-B-1	ISU-CA-100C	5.8	0.5 ton	
CU-B-1	ISU-CA-100D	5.8	0.5 ton	
CU-B-1	ISU-CA-100F	5.8	0.5 ton	
CU-B-1	ISU-CA-100H	5.8	0.5 ton	
CU-B-1	ISU-CA-100I	5.8	0.5 ton	
CU-B-1	ISU-CA-100J	5.8	0.5 ton	
CU-B-1	ISU-CB-100B	7.5	0.6 ton	
CU-B-1	ISU-CC-100	12	1.0 ton	
CU-B-1	ISU-CC-101	12	1.0 ton	
CU-B-1	ISU-CF-102	24	2.0 ton	
CU-B-1	ISU-CF-103	24	2.0 ton	
CU-B-1	ISU-CF-207	24	2.0 ton	
CU-B-1	ISU-CF-208	24	2.0 ton	
CU-B-1	ISU-CF-209	24	2.0 ton	
CU-B-1	ISU-CI-104	48	4.0 ton	
CU-B-1	ISU-CI-210	48	4.0 ton	
CU-B-1		24.0 ton		
CU-C-1	ISU-CA-233A	5.8	0.5 ton	
CU-C-1	ISU-CA-233B	5.8	0.5 ton	
CU-C-1	ISU-CA-233C	5.8	0.5 ton	
CU-C-1	ISU-CA-233D	5.8	0.5 ton	
CU-C-1	ISU-CA-233E	5.8	0.5 ton	
CU-C-1	ISU-CI-224	48	4.0 ton	
CU-C-1	ISU-CI-226	48	4.0 ton	
CU-C-1	ISU-CI-229	48	4.0 ton	
CU-C-1	ISU-CI-230	48	4.0 ton	
CU-C-1	ISU-CI-231	48	4.0 ton	
CU-C-1	ISU-CI-232	48	4.0 ton	
CU-C-1	ISU-CI-N231	48	4.0 ton	
CU-C-1	ISU-CI-N232	48	4.0 ton	
CU-C-1		34.4 ton		
CU-D-1	ISU-CF-302	24	2.0 ton	
CU-D-1	ISU-CH-305	36	3.0 ton	
CU-D-1	ISU-CI-306	48	4.0 ton	
CU-D-1	ISU-CI-308	48	4.0 ton	
CU-D-1	ISU-CI-311	48	4.0 ton	
CU-D-1	ISU-CI-314	48	4.0 ton	
CU-D-1	ISU-HC-314B	12	1.5 ton	
CU-E-1		22.5 ton		
CU-E-1	ISU-CA-212	5.8	0.5 ton	
CU-E-1	ISU-CA-221B	5.8	0.5 ton	
CU-E-1	ISU-CG-215	30	2.5 ton	
CU-E-1	ISU-CG-216	30	2.5 ton	
CU-E-1	ISU-CI-217	48	4.0 ton	
CU-E-1	ISU-CI-218	48	4.0 ton	
CU-E-1	ISU-CI-219	48	4.0 ton	
CU-E-1	ISU-CI-220	48	4.0 ton	
CU-E-1	ISU-CI-221	48	4.0 ton	
CU-E-1		26.0 ton		
CU-F-1	ISU-WX-112	30	2.5 ton	
CU-F-2	ISU-WX-211	30	2.5 ton	
CU-F-3	ISU-WX-110	30	2.5 ton	
CU-F-3		2.5 ton		
CU-F-4	ISU-WX-126	30	2.5 ton	
CU-F-5	ISU-WX-127	30	2.5 ton	
CU-F-5		2.5 ton		
CU-F-7	ISU-WX-310	30	2.5 ton	
CU-F-7		2.5 ton		
CU-F-8	ISU-WX-312	20	2.5 ton	
CU-F-8		2.5 ton		
CU-F-9	ISU-WX-313	30	2.5 ton	
CU-F-9		2.5 ton		
CU-F-10	ISU-WX-301		2.5 ton	
CU-F-10		2.5 ton		
CU-G-1	ISU-HG-C102A	48	4.0 ton	
CU-G-1	ISU-HG-C102B	48	4.0 ton	
CU-G-1	ISU-HG-C201A	48	4.0 ton	
CU-G-1	ISU-HG-C201B	48	4.0 ton	
CU-G-1		16.0 ton		
CU-H-1	ISU-HG-C204A	48	4.0 ton	
CU-H-1	ISU-HG-C204B	48	4.0 ton	
CU-H-1	ISU-HH-C301A	54	4.5 ton	
CU-H-1	ISU-HH-C301B	54	4.5 ton	
CU-H-1		17.0 ton		
CU-J-1	ISU-HG-C103	48	4.0 ton	
CU-J-1		4.0 ton		
CU-K-1	ISU-HG-C101A	48	4.0 ton	
CU-K-1	ISU-HG-C202A	48	4.0 ton	
CU-K-1		8.0 ton		
CU-K-2	ISU-HG-C101B	48	4.0 ton	
CU-K-2	ISU-HG-C101C	48	4.0 ton	
CU-K-2		8.0 ton		

AIR COOLED CONDENSING UNIT SCHEDULE													
TAG	NOMINAL TONS	REFRIGERANT	EER	ELECTRICAL DATA				WEIGHT (LBS)	MANUFACTURER	MODEL	NOTES		
				VOLTAGE	PHASE	FLA	MCA						
CU-A-1	22	R410A	10	480	3	-	42.1	45	FACTORY PROVIDED	1,800	DAIKIN APPLIED	RYXQ264AAYDA	1
CU-B-1	24	R410A	10.3	480	3	-	46.8	50	FACTORY PROVIDED	2,000	DAIKIN APPLIED	RYXQ268AAYDA	1
CU-C-1	26	R410A	10.2	480	3	-	50.4	60	FACTORY PROVIDED	2,000	DAIKIN APPLIED	RYXQ312AAYDA	1
CU-D-1	22	R410A	10	480	3	-	42.1	45	FACTORY PROVIDED	1,800	DAIKIN APPLIED	RYXQ264AAYDA	1
CU-E-1	24	R410A	10.3	480	3	-	46.8	50	FACTORY PROVIDED	2,000	DAIKIN APPLIED	RYXQ268AAYDA	1
CU-F-1	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-F-2	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-F-3	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-F-4	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-F-5	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-F-7	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-F-8	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-F-9	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-F-10	2.5	R410A	9.85	480	3	-	16.6	20	FIELD PROVIDED	250	DAIKIN APPLIED	FTX30WVJU9RK30WVJU9	2
CU-G-1	22	R410A	11.6	480	3	-	32.5	35	FACTORY PROVIDED	1,200	DAIKIN APPLIED	RYXQ192AAYDA	1
CU-H-1	22	R410A	11.6	480	3	-	32.5	35	FACTORY PROVIDED	1,200	DAIKIN APPLIED	RYXQ192AAYDA	1
CU-J-1	4	R410A	9.5	208	1	-	6.5	15	FACTORY PROVIDED	250	DAIKIN APPLIED	RZQ48TAVJUA	2
CU-K-1	8	R410A	10.3	480	3	-	20.6	25	FACTORY PROVIDED	750	DAIKIN APPLIED	RYXQ96AAYDA	1
CU-K-2	8	R410A	10.3	480	3	-	20.6	25	FACTORY PROVIDED	750	DAIKIN APPLIED	RYXQ96AAYDA	1

NOTES:
1. SINGLE POINT POWER CONNECTION WITH INTEGRAL DISCONNECT AND GFCI CONTINENCE OUTLET.
2. POWERS INDOOR UNIT.

INDOOR SPLIT UNIT SCHEDULE													
TAG	DX COOLING TOT. MBH	REFRIGERANT	CFM	OA CFM	ELECTRICAL DATA				DISCONNECT SWITCH	MANUFACTURER	MODEL	NOTES	
					VOLTAGE	PHASE	FLA	MCA					
ISU-CA	5800.0 Btu/h	R410A	300	0	208	1	-	0.3	15	FIELD	DAIKIN APPLIED	FXZ005TAVJU	
ISU-CB	7500.0 Btu/h	R410A	307	0	208	1	-	0.3	15	FIELD	DAIKIN APPLIED	FXZ007TAVJU	
ISU-CC	12000.0 Btu/h	R410A	353	0	208	1	-	0.4	15	FIELD	DAIKIN APPLIED	FXZ012TAVJU	
ISU-CF	24000.0 Btu/h	R410A	777	0	208	1	-	0.7	15	FIELD	DAIKIN APPLIED	FXF024TVJU	
ISU-CG	30000.0 Btu/h	R410A	1112	0	208	1	-	1.3	15	FIELD	DAIKIN APPLIED	FXF030TVJU	
ISU-CH	36000.0 Btu/h	R410A	1165	0	208	1	-	1.5	15	FIELD	DAIKIN APPLIED	FXF036TVJU	
ISU-CI	48000.0 Btu/h	R410A	1218	0	208	1	-	1.8	15	FIELD	DAIKIN APPLIED	FXF048TVJU	
ISU-HC	18000.0 Btu/h	R410A	600	300	208	1	-	4.9	15	FACTORY PROVIDED	DAIKIN APPLIED	FXTQ18TAVJUD	
ISU-HG	48000.0 Btu/h	R410A	1520	300	208	1	-	6.5	15	FACTORY PROVIDED	DAIKIN APPLIED	FXTQ48TAVJUD	
ISU-HH	54000.0 Btu/h	R410A	1800	400	208	1	-	8.6	15	FACTORY PROVIDED	DAIKIN APPLIED	FXTQ54TAVJUD	
ISU-WX	30000.0 Btu/h	R410A	635	0	208	1	-		15	FIELD	DAIKIN APPLIED	FXAQ24PVJU	1

NOTES:
1. POWERED FROM OUTDOOR UNIT.

DUCTED HOT WATER COIL SCHEDULE														
TAG	CFM	APD (in. WC)	EAT (F)	LAT (F)	EFT (F)	LFT (F)	GPM	MBH	FPD (FT)	WIDTH (IN)	HEIGHT (IN)	MANUFACTURER	MODEL	NOTES
HC-A-C201A	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C102A	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C201B	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C204B	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C204A	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C102B	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C101A	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C101B	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C202A	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C101D	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-A-C103	1520	0.14	56	95	150	120	4.3	64	.1	24	16	DAIKIN APPLIED	SWL0803A	
HC-B-C301A	1800	0.15	55	95	150	120	5.2	77.8	.2	24	16	DAIKIN APPLIED	SWL0803A	
HC-B-C301B	1800	0.15	55	95	150	120	5.2	77.8	.2	24	16	DAIKIN APPLIED	SWL0803A	
HC-C-314B	600	0.04	70	95	150	120	1.1	16.2	.1	16	16	DAIKIN APPLIED	SWH0702A	
HC-ERV-A	525	0.1	70	95	150	120	1.1	14.4	.1	12	10	DAIKIN APPLIED	SWH0602A	
HC-ERV-B	1100	0.12	70	95	150	120	2.1	30.2	.2	16	12	DAIKIN APPLIED	SWL0702A	

UNIT HEATER SCHEDULE																					
TAG	UNIT TYPE	FLUID	FAN DATA				HEATING COIL DATA						ELECTRICAL DATA					MANUFACTURER	MODEL	NOTES	
			CFM	ESP (In. Wg)	HP	MOTOR CONTROLLER	EAT (F)	LAT (F)	EFT (F)	LFT (F)	GPM	FPD (FT)	MBH	VOLTAGE	PHASE	FLA	MCA				MOCP
UH	EXPOSED	30% GLYCOL	370	0	1/25	ECM	65	115	150	124	1.5	2.4	20.1	115	1	.53	—	20	FACTORY PROVIDED	AIREDALE	WSH 22SBO1FA
UH-A	EXPOSED	WATER	370	0	1/25	ECM	65	109	150	115	1.1	1.1	17.6	115	1	.53	—	20	FACTORY PROVIDED	AIREDALE	WSH 22SBO1FA

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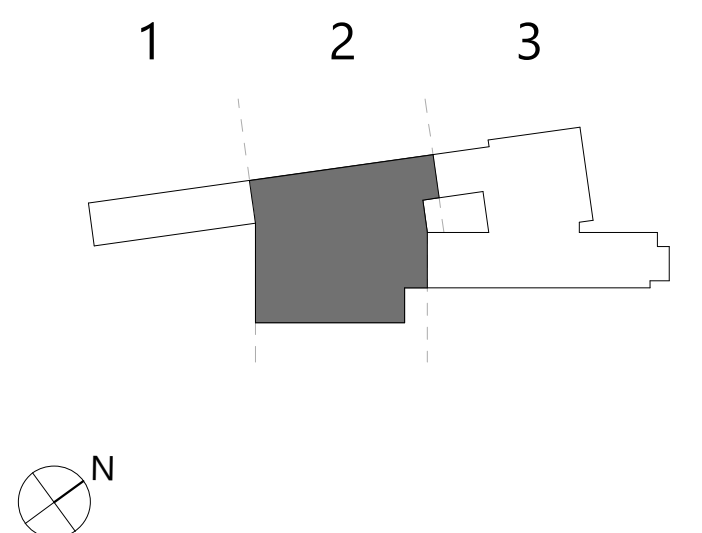
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E342

ROOF UTILITY PLAN - AREA '2'
1/8" = 1'-0"

SHEET NOTES

- FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.
- COORDINATE ALL RECEPTACLE LOCATIONS WITH ARCHITECTURAL CASEWORK AND FURNITURE PLANS.
- REFER TO E701 FOR POWER RISERS AND WIRING SCHEDULES.
- REFER TO E900 SERIES DRAWINGS FOR EQUIPMENT AND PANELBOARD SCHEDULES.

KEY PLAN



**NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING**

Project Title



REV	DATE	DESCRIPTION

Drawn By: NAB
Checked By: JRB
Proj. #: 44-16-00-01-0-053-001
CSArch Proj. #: 108-2303
Issued for Bid: 4/15/2024

Sheet Title

**ROOF UTILITY
PLAN - AREA
'2'**

Sheet No.

**CTE
E342**

CONSTRUCTION DOCUMENTS

Consultant

40 Beaver St., Albany, New York 12207-1511
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MATCHLINE
REFER TO 1/E342

ERV-A
10
WP
G
MP3-1
24,26

F-P
16

ERV-B

MP3-1
28,30

CU-J-1
12
WP
G
MP3-1
20,22

MPH3-3
1,3,5

MPH3-3
2,4,6

MPH3-2
20,22,24
CU-F-10
10
WP
G

F-J
MP3-1
2
10
WP
G

MPH3-1
14,16,18
RTU-A-124
10
WP
G

MPH3-3
19,21,23
CU-D-1
MP3-1
10
WP
G

F-O
MPH3-3
20,22,24
SBH3-1
8,10,12
CU-F-5
MP3-1
10
WP
G

MPH3-3
13,15,17
CU-C-1
MPH3-3
43,45,47
CU-F-4
MP3-1
16
WP
G

MPH3-3
25,27,28
RTU-A-125
MP3-1
12
WP
G

MPH3-3
15,16,17
SBH3-1
14,16,18
CU-F-8
CU-F-9
MP3-1
12
WP
G

MPH3-3
26,28,30
RTU-A-128
MP3-1
18
WP
G

F-N
MPH3-3
14,16,18
RTU-B-129
12
WP
G

MPH3-3
7,9,11
ERV-E-123
12
WP
G

MPH3-3
49,51,53
MAU-C-123
12
WP
G

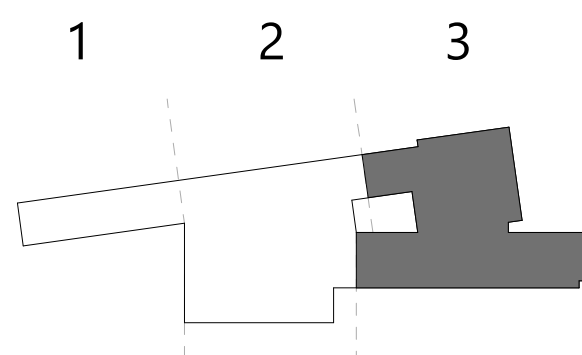
1 ROOF UTILITY PLAN - AREA '3'

E343 1/8" = 1'-0"

SHEET NOTES

- FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.
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- REFER TO E900 SERIES DRAWINGS FOR EQUIPMENT AND PANELBOARD SCHEDULES.

KEY PLAN



Sheet Title
ROOF UTILITY
PLAN - AREA
'3'

Sheet No.
CTE
E343

CONSTRUCTION DOCUMENTS

Project Title



REV	DATE	DESCRIPTION
1	4/15/2024	BID ADDENDUM #1
2	5/20/2024	BID ADDENDUM #2

Drawn By: NAB
Checked By: JRB
Proj. #: 44-16-00-01-0-053-001
CSArch Proj. #: 108-2303
Issued for Bid: 4/15/2024

Consultant

NEWBURGH ENLARGED CITY SCHOOL DISTRICT
NEW CTE BUILDING

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518-463-8866 www.csarchpcc.com

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EQUIPMENT CONNECTION SCHEDULE - SINGLE POINT CONNECTION

TAG	VOLTAGE	PHASE	FLA	MCA	MOCP	POWER SOURCE	CIRCUIT BREAKER	WIRE SIZE	DISCONNECT SWITCH	DISCONNECT SIZE	FA SHUTDOWN
-119H	0	3	27.7	35				40/3G		-	YES W/ DUCT DETECTOR
-B-120	480	3	27.7	35				40/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
AC-1	208	1	17.5	-	35	MP1-1	37,39,41	35/3G	FACTORY PROVIDED	-	-
AC-DRYER	120	1	0.7	-	20	MP1-1	18	20/1NG	FACTORY PROVIDED	-	-
B-A-1	480	3	6	7.5	20	MPH1-1	7,9,11	20/3NG	FIELD PROVIDED	BREAKER	-
B-A-2	480	3	6	7.5	20	MPH1-1	8,10,12	20/3NG	FIELD PROVIDED	BREAKER	-
B-A-3	480	3	6	7.5	20	MPH1-1	13,15,17	20/3NG	FIELD PROVIDED	BREAKER	-
CP-A-100	120	1	1.5	-	20	MP1-2	16	20/1NG	FIELD	MMS	-
CP-A-107	120	1	1.5	-	20	MP1-1	22	20/1NG	FIELD	MMS	-
CP-A-108	120	1	1.5	-	20	MP1-1	22	20/1NG	FIELD	MMS	-
CP-A-202	120	1	1.5	-	20	MP2-1	12	20/1NG	FIELD	MMS	-
CP-A-207	120	1	1.5	-	20	MP2-1	12	20/1NG	FIELD	MMS	-
CP-A-216	120	1	1.5	-	20	MP2-1	12	20/1NG	FIELD	MMS	-
CP-A-226	120	1	1.5	-	20	MP2-2	6	20/1NG	FIELD	MMS	-
CP-A-C202	120	1	1.5	-	20	MP2-2	6	20/1NG	FIELD	MMS	-
CU-A-1	480	3	42.1	45	MPH2-1	1,3,5	45/3G		FACTORY PROVIDED	-	-
CU-B-1	480	3	46.8	50	MPH3-1	13,15,17	50/3G		FACTORY PROVIDED	-	-
CU-C-1	480	3	50.4	60	MPH3-3	13,15,17	60/3G		FACTORY PROVIDED	-	-
CU-D-1	480	3	42.1	45	MPH3-3	19,21,23	45/3G		FACTORY PROVIDED	-	-
CU-E-1	480	3	46.8	50	MPH3-2	13,15,17	50/3G		FACTORY PROVIDED	-	-
CU-F-1	480	3	16.6	20	MPH3-1	20,22,24	20/3G		FIELD PROVIDED	30A	-
CU-F-2	480	3	16.6	20	MPH3-2	25,27,29	20/3G		FIELD PROVIDED	30A	-
CU-F-3	480	3	16.6	20	SBH3-1	7,9,11	20/3G		FIELD PROVIDED	30A	-
CU-F-4	480	3	16.6	20	MPH3-3	43,45,47	20/3G		FIELD PROVIDED	30A	-
CU-F-5	480	3	16.6	20	SBH3-1	8,10,12	20/3G		FIELD PROVIDED	30A	-
CU-F-7	480	3	16.6	20	SBH3-1	13,15,17	20/3G		FIELD PROVIDED	30A	-
CU-F-8	480	3	16.6	20	SBH3-1	14,16,18	20/3G		FIELD PROVIDED	30A	-
CU-F-9	480	3	16.6	20	MPH3-3	44,46,48	20/3G		FIELD PROVIDED	30A	-
CU-F-10	480	3	16.6	20	MPH3-2	20,22,24	20/3G		FIELD PROVIDED	30A	-
CU-G-1	480	3	32.5	35	MPH2-1	2,4,6	35/3G		FACTORY PROVIDED	-	-
CU-H-1	480	3	32.5	35	MPH3-3	20,22,24	35/3G		FACTORY PROVIDED	-	-
CU-J-1	208	1	6.5	15	MP3-1	20,22	15/2NG		FACTORY PROVIDED	-	-
CU-K-1	480	3	20.6	25	MPH3-1	19,21,23	25/3G		FACTORY PROVIDED	-	-
CU-K-2	480	3	20.6	25	MPH3-2	19,21,23	25/3G		FACTORY PROVIDED	-	-
CUH-A-1101	120	1	3.7	-	20	MP1-1	2	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1102	120	1	3.7	-	20	MP1-1	2	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1103	120	1	3.7	-	20	MP1-1	6	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1106	120	1	3.7	-	20	MP1-2	10	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1107	120	1	3.7	-	20	MP1-2	10	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1201	120	1	3.7	-	20	MP2-1	2	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1202	120	1	3.7	-	20	MP2-1	2	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1203	120	1	3.7	-	20	MP2-1	2	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1205	120	1	3.7	-	20	MP2-2	2	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1206	120	1	3.7	-	20	MP2-2	2	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1302	120	1	3.7	-	20	MP3-1	4	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1303	120	1	3.7	-	20	MP3-1	4	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1102	120	1	3.7	-	20	MP1-1	4	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1104	120	1	3.7	-	20	MP1-2	8	20/1NG	FACTORY PROVIDED	-	-
CUH-A-1105	120	1	3.7	-	20	MP1-2	4	20/1NG	FACTORY PROVIDED	-	-
CUH-B-122	120	1	7.4	-	20	MP1-2	2	20/1NG	FACTORY PROVIDED	-	-
CUH-B-5101	120	1	7.4	-	20	MP1-1	4	20/1NG	FACTORY PROVIDED	-	-
CUH-B-5102	120	1	7.4	-	20	MP1-1	6	20/1NG	FACTORY PROVIDED	-	-
CUH-B-5104	120	1	7.4	-	20	MP1-2	8	20/1NG	FACTORY PROVIDED	-	-
CUH-C-103	120	1	7.4	-	20	MP1-1	8	20/1NG	FACTORY PROVIDED	-	-
CUH-C-131	120	1	7.4	-	20	MP1-2	8	20/1NG	FACTORY PROVIDED	-	-
CUH-C-134	120	1	7.4	-	20	MP1-2	6	20/1NG	FACTORY PROVIDED	-	-
CUH-C-1101	120	1	7.4	-	20	MP1-2	4	20/1NG	FACTORY PROVIDED	-	-
CUH-C-1105	120	1	7.4	-	20	MP1-2	2	20/1NG	FACTORY PROVIDED	-	-
ERU-A-1.1	480	3	70	76.3	100	MPH3-2	1,3,5	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
ERU-B-1.2	480	3	36.1	42.3	60	MPH3-2	8,10,12	60/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
ERU-C-2.1	480	3	61.2	67.4	90	MPH3-2	2,4,6	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
ERU-D-2.2	480	3	47.2	53.4	70	MPH3-2	7,9,11	80/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
ERU-E-2.3	480	3	61.2	67.4	90	MPH3-3	7,9,11	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
ERU-F-3.3	480	3	49.6	56.6	90	MPH3-3	8,10,12	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
ERU-G-117	480	3	74	80.2	100	MPH3-1	1,3,5	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
ERV-8	208	1	1.74	3.9	15	MP3-1	24,26	15/2NG	FACTORY PROVIDED	-	-
ERV-9	208	1	3.4	7.7	15	MP3-1	26,30	15/2NG	FACTORY PROVIDED	-	-
F-A-206.1	480	3	7.2	9	15	MPH3-2	31,33,35	15/3G	FACTORY PROVIDED	-	-
F-B-206.2	480	3	3.2	4	15	MPH3-1	31,33,35	15/3G	FACTORY PROVIDED	-	-
F-C-206.3	480	3	3.2	4	15	MPH3-1	31,33,35	15/3G	FACTORY PROVIDED	-	-
F-D-206.4	480	3	1.8	2.2	15	MPH3-1	31,33,35	15/3G	FACTORY PROVIDED	-	-
F-E-206.5	480	3	1.8	2.2	15	MPH3-2	32,34,36	15/3G	FACTORY PROVIDED	-	-
F-F-206.6	480	3	3.2	4	15	MPH3-2	32,34,36	15/3G	FACTORY PROVIDED	-	-
F-G-206.7	480	3	3.2	4	15	MPH3-2	32,34,36	15/3G	FACTORY PROVIDED	-	-
F-H-117	480	3	4.8	-	15	MPH3-2	37,39,41	15/3G	FIELD PROVIDED	30A	-
F-I	115	1	6.6	8.2	15	MP2-1	4	15/1NG	FACTORY PROVIDED	-	-
F-J	115	1	10	12.5	20	MP3-1	2	20/1NG	FACTORY PROVIDED	-	-
F-K-115A	115	1	2.8	3.5	15	MP2-1	6	15/1NG	FACTORY PROVIDED	-	-
F-L	115	1	3.8	4.8	15	MP3-1	14	15/1NG	FACTORY PROVIDED	-	-
F-M	115	1	2.8	3.5	15	MP3-1	18	15/1NG	FACTORY PROVIDED	-	-
F-N	115	1	3.8	4.8	15	MP3-1	18	15/1NG	FACTORY PROVIDED	-	-
F-O	115	1	3.8	4.8	15	MP3-1	16	15/1NG	FACTORY PROVIDED	-	-
F-P	115	1	3.8	4.8	15	MP3-1	16	15/1NG	FACTORY PROVIDED	-	-
F-Q	115	1	3.8	4.8	15	MP2-1	6	15/1NG	FACTORY PROVIDED	-	-
F-R-108	120	1	1.5	1.9	15	MP1-1	20	15/1NG	FACTORY PROVIDED	-	-
GMS-A-222	120	1	9	9.0	20	MP2-2	4	20/1NG	FACTORY PROVIDED	-	-
GWH-1	120	1	5.0	-	20	MP1-2	12	20/1NG	FIELD	30A	-
GWH-2	120	1	5.0	-	20	MP1-1	10	20/1NG	FIELD	30A	-
GWH-3A	120	1	5.0	-	20	MP1-1	12	20/1NG	FIELD	30A	-
GWH-3B	120	1	5.0	-	20	MP1-1	14	20/1NG	FIELD	30A	-
GWH-4	120	1	5.0	-	20	MP1-1	16	20/1NG	FIELD	30A	-
ISU-CA-100A	208	1	-	0.3	15	MP1-2	1,3	20/2NG	FIELD	MMS	-
ISU-CA-100C	208	1	-	0.3	15	MP1-2	1,3	20/2NG	FIELD	MMS	-
ISU-CA-100D	208	1	-	0.3	15	MP1-2	1,3	20/2NG	FIELD	MMS	-
ISU-CA-100F	208	1	-	0.3	15	MP1-2	1,3	20/2NG	FIELD	MMS	-
ISU-CA-100H	208	1	-	0.3	15	MP1-2	1,3	20/2NG	FIELD	MMS	-
ISU-CA-100I	208	1	-	0.3	15	MP1-2	1,3	20/2NG	FIELD	MMS	-
ISU-CA-100J	208	1	-	0.3	15	MP1-2	1,3	20/2NG	FIELD	MMS	-

EQUIPMENT CONNECTION SCHEDULE - SINGLE POINT CONNECTION

TAG	VOLTAGE	PHASE	FLA	MCA	MOCP	POWER SOURCE	CIRCUIT BREAKER	WIRE SIZE	DISCONNECT SWITCH	DISCONNECT SIZE	FA SHUTDOWN
ISU-CA-204	208	1	-	0.3	15	MP2-1	5,7	20/2NG	FIELD	MMS	-
ISU-CA-212	208	1	-	0.3	15	MP2-1	9,11	20/2NG	FIELD	MMS	-
ISU-CA-221B	208	1	-	0.3	15	MP2-2	5,7	20/2NG	FIELD	MMS	-
ISU-CA-233A	208	1	-	0.3	15	MP2-2	5,7	20/2NG	FIELD	MMS	-
ISU-CA-233B	208	1	-	0.3	15	MP2-2	5,7	20/2NG	FIELD	MMS	-
ISU-CA-233C	208	1	-	0.3	15	MP2-2	5,7	20/2NG	FIELD	MMS	-
ISU-CA-233D	208	1	-	0.3	15	MP2-2	5,7	20/2NG	FIELD	MMS	-
ISU-CA-233E	208	1	-	0.3	15	MP2-2	5,7	20/2NG	FIELD	MMS	-
ISU-CB-100B	208	1	-	0.3	15	MP1-2	1,3	20/2NG	FIELD	MMS	-
ISU-CB-111	208	1	-	0.3	15	MP1-1	1,3	20/2NG	FIELD	MMS	-
ISU-CC-100	208	1	-	0.4	15	MP1-2	1,3	20/2NG	FIELD	MMS	-
ISU-CC-101	208	1	-	0.4	15	MP1-1	5,7	20/2NG	FIELD	MMS	-
ISU-CF-102	208	1	-	0.7	15	MP1-1	5,7	20/2NG	FIELD	MMS	-
ISU-CF-103	208	1	-	0.7	15	MP1-1	5,7	20/2NG	FIELD	MMS	-
ISU-CF-107	208	1	-	0.7	15	MP1-1	1,3	20/2NG	FIELD	MMS	-
ISU-CF-109	208	1	-	0.7	15	MP1-1	1,3	20/2NG	FIELD	MMS	-
ISU-CF-110A	208	1	-	0.7	15	MP1-1	1,3	20/2NG	FIELD	MMS	-
ISU-CF-205	208	1	-	0.7	15	MP2-1	5,7	20/2NG	FIELD	MMS	-
ISU-CF-207	208	1	-	0.7	15	MP2-1	5,7	20/2NG	FIELD	MMS	-
ISU-CF-208	208	1	-	0.7	15	MP2-1	5,7	20/2NG	FIELD	MMS	-
ISU-CF-209	208	1	-	0.7	15	MP2-1	5,7	20/2NG	FIELD	MMS	-
ISU-CF-302	208	1	-	0.7	15	MP3-1	9,11	20/2NG	FIELD	MMS	-
ISU-CG-201	208	1	-	1.3	15	MP2-1	1,3	20/2NG	FIELD	MMS	-
ISU-CG-202.1	208	1	-	1.3	15	MP2-1	1,3	20/2NG	FIELD	MMS	-
ISU-CG-202.2	208	1	-	1.3	15	MP2-1	1,3	20/2NG	FIELD	MMS	-
ISU-CG-215	208	1	-	1.3	15	MP2-1	9,11	20/2NG	FIELD	MMS	-
ISU-CG-216	208	1	-	1.3	15	MP2-1	9,11	20/2NG	FIELD	MMS	-
ISU-CH-108	208	1	-	1.5	15	MP1-1	1,3	20/2NG	FIELD	MMS	-
ISU-CH-223	208	1	-	1.5	15	MP2-1	1,3	20/2NG	FIELD	MMS	-
ISU-CH-305	208	1	-	1.5	15	MP3-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-104	208	1	-	1.8	15	MP1-1	5,7	20/2NG	FIELD	MMS	-
ISU-CI-210	208	1	-	1.8	15	MP2-1	5,7	20/2NG	FIELD	MMS	-
ISU-CI-217	208	1	-	1.8	15	MP2-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-218	208	1	-	1.8	15	MP2-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-219	208	1	-	1.8	15	MP2-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-220	208	1	-	1.8	15	MP2-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-221	208	1	-	1.8	15	MP2-2	5,7	20/2NG	FIELD	MMS	-
ISU-CI-224	208	1	-	1.8	15	MP2-2	1,3	20/2NG	FIELD	MMS	-
ISU-CI-226	208	1	-	1.8	15	MP2-2	1,3	20/2NG	FIELD	MMS	-
ISU-CI-229	208	1	-	1.8	15	MP2-2	1,3	20/2NG	FIELD	MMS	-
ISU-CI-230	208	1	-	1.8	15	MP2-2	1,3	20/2NG	FIELD	MMS	-
ISU-CI-231	208	1	-	1.8	15	MP2-2	1,3	20/2NG	FIELD	MMS	-
ISU-CI-232	208	1	-	1.8	15	MP2-2	1,3	20/2NG	FIELD	MMS	-
ISU-CI-306	208	1	-	1.8	15	MP3-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-308	208	1	-	1.8	15	MP3-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-311	208	1	-	1.8	15	MP3-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-314	208	1	-	1.8	15	MP3-1	9,11	20/2NG	FIELD	MMS	-
ISU-CI-N31	208	1	-	1.8	15	MP2-2	1,3	20/2NG	FIELD	MMS	-
ISU-CI-N232	208	1	-	1.8	15	MP2-2	1,3	20/2NG	FIELD	MMS	-
ISU-HC-314B	208	1	-	4.9	15	MP3-1	19,21	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C101A	208	1	-	6.5	15	MP1-2	13,15	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C101B	208	1	-	6.5	15	MP1-2	17,19	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C101C	208	1	-	6.5	15	MP2-2	13,15	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C102A	208	1	-	6.5	15	MP1-1	13,15	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C102B	208	1	-	6.5	15	MP1-1	17,19	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C103	208	1	-	6.5	15	MP1-2	21,23	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C201A	208	1	-	6.5	15	MP2-1	13,15	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C201B	208	1	-	6.5	15	MP2-1	17,19	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C202A	208	1	-	6.5	15	MP2-2	21,23	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C204A	208	1	-	6.5	15	MP2-2	17,19	15/2NG	FACTORY PROVIDED	-	-
ISU-HG-C204B	208	1	-	6.5	15	MP2-2	21,23	15/2NG	FACTORY PROVIDED	-	-
ISU-HH-C301A	208	1	-	8.6	15	MP3-1	23,25	15/2NG	FACTORY PROVIDED	-	-
ISU-HH-H-C301B	208	1	-	8.6	15	MP3-1	27,29	15/2NG	FACTORY PROVIDED	-	-
MAU-A-119.1	480	3	-	7.2	15	MPH3-1	25,27,29	20/3G	FACTORY PROVIDED	-	-
MAU-A-119.2	480	3	-	7.2	15	MPH3-2	26,28,30	20/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
MAU-C-129	480	3	-	7.2	15	MPH3-3	49,51,53	20/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
MAU-D-206.1	480	3	-	6.2	15	MPH3-1	26,28,30	20/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
MAU-E-206.2	480	3	-	17.7	30	MPH3-2	14,16,18	30/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
P-A-1	480	3	4.8	-	15	MPH1-1	25,27,29	15/3G	FACTORY PROVIDED	-	-
P-A-2	480	3	4.8	-	15	MPH1-1	26,28,30	15/3G	FACTORY PROVIDED	-	-
P-B-1	480	3	34	-	70	MPH1-1	1,3,5	80/3G	FACTORY PROVIDED	-	-
P-B-2	480	3	34	-	70	MPH1-1	2,4,6	80/3G	FACTORY PROVIDED	-	-
P-C-1	480	3	14	-	20	MPH1-1	14,16,18	20/3G	FACTORY PROVIDED	-	-
P-C-2	480	3	14	-	20	MPH1-1	19,21,23	20/3G	FACTORY PROVIDED	-	-
PP-A	120	1	1.4	-	20	MP1-2	12	20/1NG	FACTORY PROVIDED	-	-
PP-2A	120	1	1.4	-	20	MP1-1	10	20/1NG	FACTORY PROVIDED	-	-
PP-3A	120	1	1.4	-	20	MP1-1	12	20/1NG	FACTORY PROVIDED	-	-
PP-3B	120	1	1.4	-	20	MP1-1	14	20/1NG	FACTORY PROVIDED	-	-
RTU-A-124	480	3	20.8	24	35	MPH3-1	14,16,18	40/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
RTU-A-125	480	3	20.8	24	35	MPH3-3	25,27,29	40/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
RTU-B-128	480	3	20.8	24	35	MPH3-2	26,28,30	40/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
RTU-B-129	480	3	35.6	42.9	60	MPH3-3	14,16,18	60/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
RTU-C-119	480	3	35.6	42.9	60	MPH3-1	8,10,12	60/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
RTU-D-120	480	3	58.4	64.7	90	MPH3-1	2,4,6	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
RTU-E-130.1	480	3	75.8	82	100	MPH3-3	1,3,5	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
RTU-E-130.2	480	3	75.8	82	100	MPH3-3	2,4,6	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
RTU-F-206	480	3	58.4	64.7	90	MPH3-1	7,9,11	100/3G	FACTORY PROVIDED	-	YES W/ DUCT DETECTOR
UH-A-101	115	1	.53	-	20	MP1-WS	21	20/1NG	FACTORY PROVIDED	-	-
UH-129C	115	1	.53	-	20	MP1-2	8	20/1NG	FACTORY PROVIDED	-	-
UH-129D	115	1	.53	-	20	MP1-2	8	20/1NG	FACTORY PROVIDED	-	-
UH-A-105	115	1	.53	-	20	MP1-1	8	20/1NG	FACTORY PROVIDED	-	-
UH-A-106	115	1	.53	-	20	MP1-1	2	20/1NG	FACTORY PROVIDED	-	-
UH-A-123	115	1	.53	-	20	MP1-2	10	20/1NG	FACTORY PROVIDED	-	-
UH-A-130A	115	1	.53	-	20	MP1-2	8	20/1NG	FACTORY PROVIDED	-	-
UH-A-203	115	1	.53	-	20	MP2-1	2	20/1NG	FACTORY PROVIDED	-	-
UH-A-Y108	115	1	.53	-	20	MP2-2	2	20/1NG	FACTORY PROVIDED	-	-
WPU-A-1	480	3	52.0	-	125	DPH1-1	19,21,23	125/3G	FIELD PROVIDED	-	YES W/ DUCT DETECTOR