CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

NORTH MEDFORD HIGH SCHOOL GYM

MEDFORD SCHOOL DISTRICT 549C

1900 N KEENE WAY DR,
MEDFORD, OR 97504

Print all documents from the approved folder and have available on site for construction and inspection. If the approved plans bearing the "approved" mark are not on site, the inspection will be disapproved and will not be completed until approved construction documents are available on site.

See S1.01 for required special inspections

100% CD
04/01/24

See attached deferred submittal form. All deferred submittal documents shall be provided to the city for review before commencing work requiring review. When a design professional of responsible charge is required per 107 OSSC, the design professional shall review and approve the documents before submitting to the city for review.

Fire sprinkler and fire alarm construction documents shall be submitted and approved by the fire department before commencing such work in accordance with 903 and 907 of the Oregon Structural Specialty Code.

BCRM24-01215

CITY OF MEDFORD
REVIEWED PLANS

THESE PLANS AS AMENDED BY THE ATTACHED PLANS EXAMINATION CHECKLIST, HAVE BEEN REVIEWED FOR CONFORMANCE WITH STATE AND CITY CODES. ANY PROPOSED CHANGES FROM REVIEWED PLANS SHALL BE SUBMITTED FOR REVIEW BEFORE CONSTRUCTION. NO AUTHORIZATION IS IMPLIED FOR ANY CONSTRUCTION WHICH IS IN VIOLATION OF ANY OF THE PROVISIONS OF STATE AND CITY CODES. THIS PLAN REVIEW SHALL NOT PREVENT THE CORRECTION OF ERRORS OR VIOLATIONS THAT ARE FOUND TO EXIST IN THE SUBJECT CONSTRUCTION.

PLANS CHECKED BY: Jay Stine
DATE: 4/24/2024

arkitek
design&architecture

DATE PRINTED: 4/2/2024 8:49:32 AM
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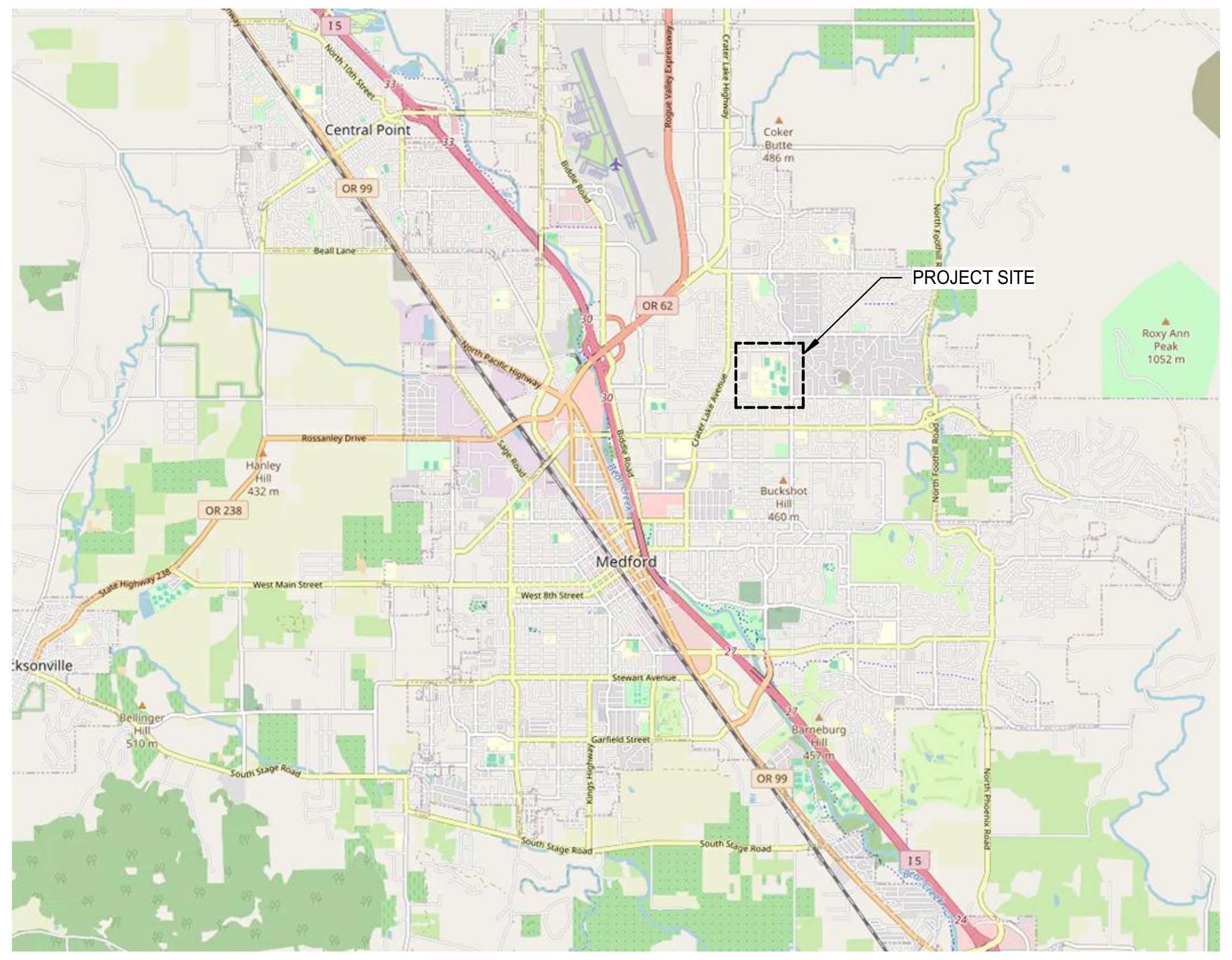
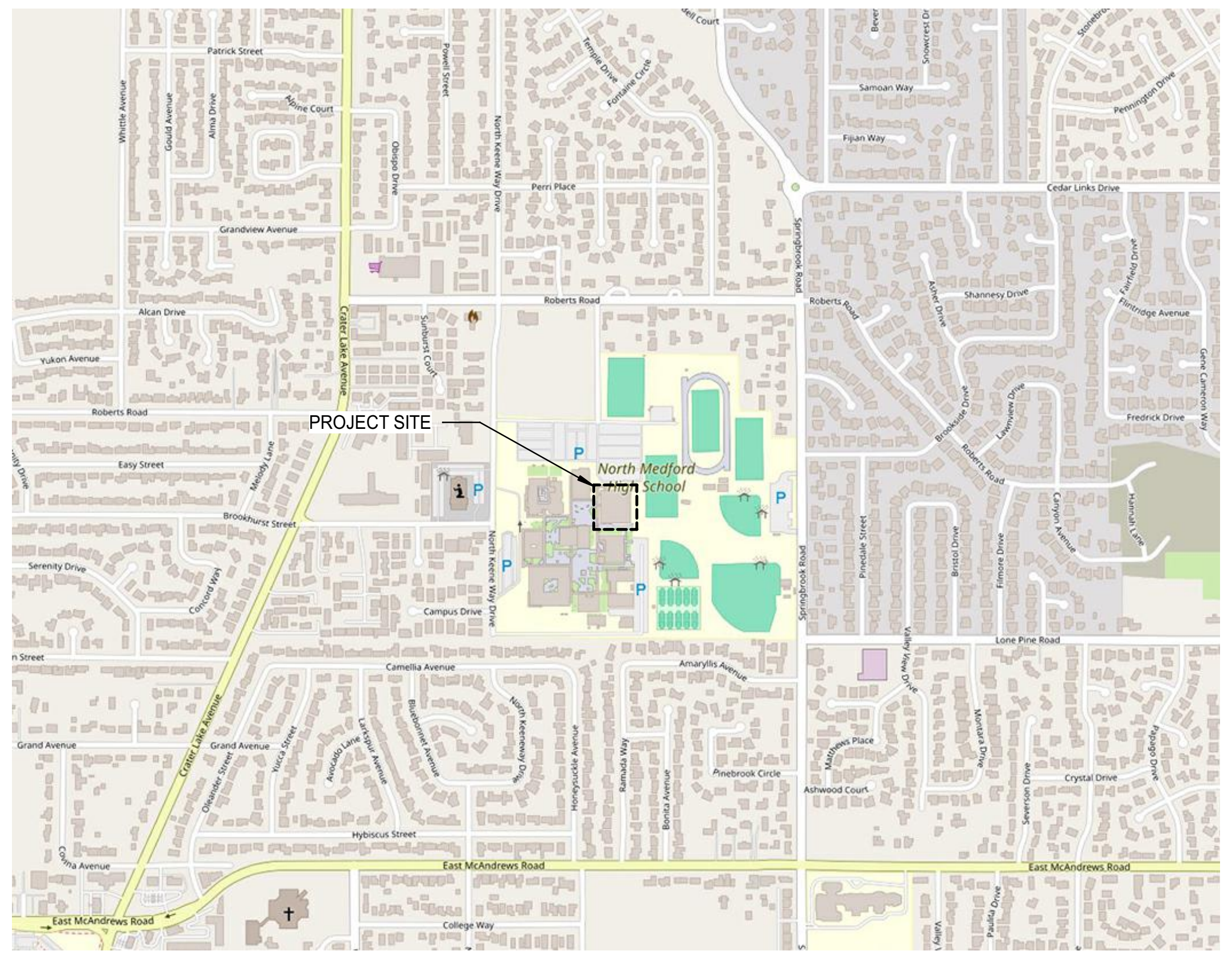
VICINITY MAP



LOCATION MAP



PROJECT ADDRESS:

1900 N KEENE WAY DR, MEDFORD, OR 97504

PROJECT SUMMARY:

THE PROJECT IS COMPRISED OF A SEISMIC RETROFIT AND ADDITIONAL RENOVATION WORK AT THE GYM BUILDING.

PROJECT TEAM

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Myron Hudson, Electrical Engineer

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Nick Kapphahn, Project Manager

PROJECT NOTES

1. THE CONSTRUCTION CONTRACT IS FOR THE CONSTRUCTION OF A COMPLETE AND FULLY FUNCTIONING INSTALLATION. THESE DOCUMENTS DESCRIBE THE DESIGN INTENT AND SPECIFIC REQUIREMENTS OF THE INSTALLATION. THESE DOCUMENTS DO NOT INTEND TO SHOW EVERY ITEM REQUIRED TO CONSTRUCT THE WORK. ITEMS SUCH AS FASTENERS, CONNECTORS, FILLERS, MISCELLANEOUS CLOSURE ELEMENTS, ANCILLARY CONTROL WIRING AND POWER WHERE REQUIRED FOR THE CONTROL OR OPERATION OF THE PROVIDED EQUIPMENT ARE NOT ALWAYS SHOWN BUT ARE CONSIDERED INCLUDED IN THE SCOPE OF THE WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A FULLY FUNCTIONING INSTALLATION WHICH MEETS THE DESIGN INTENT, INCLUDING THE SPECIFIC REQUIREMENTS INCLUDED IN THESE DOCUMENTS.
2. ALL ITEMS IN THESE DOCUMENTS ARE NEW UNLESS OTHERWISE NOTED.
3. THESE DOCUMENTS DESCRIBE A SINGLE CONSTRUCTION CONTRACT. THE USE OF SUBCONTRACTORS IS THE ELECTION OF THE CONTRACTOR. THESE DOCUMENTS DO NOT INTEND TO DIVIDE THE WORK AMONG THE CONTRACTOR'S SUBCONTRACTORS. WHERE THE DOCUMENTS IDENTIFY WORK WHICH IS "NOT IN MECHANICAL WORK" OR "NOT IN ELECTRICAL WORK" IT MEANS THAT WORK IS NOT FURTHER DESCRIBED OR SPECIFIED IN THE MECHANICAL OR ELECTRICAL DRAWINGS OR SPECIFICATIONS. IT DOES NOT PRECLUDE THE CONTRACTOR FROM DELEGATING THE WORK TO THE ENTITIES OF HIS ELECTION. IN ADDITION, THE DIVISION OF THE CONTRACT DOCUMENTS INTO ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER DESIGN DISCIPLINES DOES NOT DIVIDE THE WORK FOR THOSE DISCIPLINES AS SHOWN ONLY IN THOSE DRAWINGS OR SPECIFICATIONS.
4. ITEMS INDICATED IN THIS SET NOTED "BY OWNER" OR "BY DISTRICT" ARE NOT IN THE CONTRACT (N.I.C.)
5. UNLESS OTHERWISE NOTED, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO REVIEW ALL DRAWINGS, PROJECT MANUAL, ADDENDA, ETC. IN ORDER TO ASSURE THE COORDINATION OF ALL WORK AFFECTING EACH TRADE. FAILURE TO REVIEW AND COORDINATE ALL CONTRACT DOCUMENTS BY THE GENERAL CONTRACTOR WITH ALL THE SUBCONTRACTORS FOR APPLICABLE ITEMS OF THE WORK SHALL NOT RELIVE THE RESPONSIBLE PARTY FROM PERFORMING ALL WORK SO REQUIRED AS PART OF THE CONTRACT.
6. UNLESS OTHERWISE NOTED, THE PROJECT MANUAL, WHICH INCLUDES THE GENERAL CONDITIONS, SUPPLEMENTAL CONDITIONS, AND TECHNICAL SPECIFICATIONS, AND THE DRAWINGS ARE COMPLEMENTARY AND TOGETHER DESCRIBE THE PROJECT REQUIREMENTS. WHERE THERE ARE DISCREPANCIES BETWEEN THE PROJECT MANUAL AND THE DRAWINGS, THE CONTRACTOR SHALL ADVISE THE ARCHITECT AND REQUEST A CLARIFICATION. THE ORDER OF PRECEDENCE BETWEEN THE DRAWINGS AND THE PROJECT MANUAL IS AS DEFINED IN THE PROJECT MANUAL.
7. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL LAYOUT AND SEQUENCE THE INSTALLATION OF THE WORK SO THAT THE DIFFERENT SYSTEMS DO NOT OBSTRUCT THE INSTALLATION OF SUCCESSIVE WORK. IN GENERAL, SYSTEMS INSTALLED FIRST SHOULD BE KEPT AS HIGH AND TIGHT TO STRUCTURE AS POSSIBLE TO LEAVE SPACE AVAILABLE FOR SYSTEMS WHICH FOLLOW.
8. REFER TO THE PROJECT MANUAL FOR SPECIFICATIONS, GENERAL INFORMATION, PRODUCTS AND EXECUTION REQUIREMENTS. REQUIREMENTS OF THE SPECIFICATIONS APPLY TO ALL ASPECTS OF THE WORK AND ARE INCLUDED AS ADDITIONAL INFORMATION FOR EACH ITEM SPECIFIED. IF DISCREPANCIES EXISTS BETWEEN THE SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT REQUIREMENTS SHALL PREVAIL. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES.
9. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS WILL VISIT THE SITE PRIOR TO BIDDING IN ORDER TO FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND THE IMPACT OF THE PROPOSED NEW WORK, INDICATED ON THE DRAWINGS AND SPECIFICATIONS, ON THESE CONDITIONS. ANY QUESTIONS REGARDING THE COORDINATION OF NEW WORK OR EXISTING CONDITIONS MUST BE SUBMITTED TO THE OWNER'S REPRESENTATIVE IN WRITING PRIOR TO BID SUBMISSION AND WITH ADEQUATE TIME FOR RESPONSE TO ALL BIDDERS. THE OWNER'S REPRESENTATIVE WILL RESPOND TO QUESTIONS, SUBMITTED IN A TIMELY MANNER, WITH WRITTEN CLARIFICATIONS FORWARDED TO ALL BIDDERS.
10. THE EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS ARE ASSUMED TO BE ACCURATE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL, PRIOR TO THE START OF CONSTRUCTION, VERIFY ALL EXISTING CONDITIONS, PROVIDE A COMPLETE FIELD LAYOUT ON THE JOB SITE, AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DEVIATIONS OR CONFLICTS WITH THESE DRAWINGS.
11. THE DRAWINGS SHALL NOT BE SCALED. THE GENERAL CONTRACTOR SHALL REFER TO THE DIMENSIONS INDICATED OR THE ACTUAL SIZES OF CONSTRUCTION ITEMS. WHERE NO DIMENSIONS OR METHOD OF DETERMINING A LOCATION IS GIVEN, VERIFY CORRECT DIMENSIONS OR LOCATION WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
12. THE DRAWINGS AND REFERENCED DETAILS HAVE BEEN DIMENSIONED IN ORDER TO ESTABLISH THE CONTROL AND GUIDELINES FOR FIELD LAYOUT. WHERE A DISCREPANCY EXISTS BETWEEN THE DRAWING AND THE DETAIL THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO INSTALLATION.
13. DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
14. WHERE DIMENSIONS ARE NOTED TO BE VERIFIED IN THE FIELD (VIF) THE DIMENSION SHOWN IS THE DESIGN BASIS, BUT MAY DIFFER FROM ACTUAL CONDITIONS. CONTRACTOR SHALL VERIFY THESE DIMENSIONS WHILE LAYING OUT THE WORK AND REPORT ANY DISCREPANCIES BETWEEN THE DESIGN BASIS AND ACTUAL DIMENSIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK. WHERE DIMENSIONS ARE NOTED "+/-" FIELD DIMENSIONS MAY VARY FROM THE NOTED DIMENSIONS BY MINOR AMOUNTS. IF THE CONTRACTOR IDENTIFIES DIMENSIONS IN THE FIELD THAT DIFFER BY MORE THAN 1" FROM THE +/- DIMENSIONS INDICTED IN THE DRAWINGS, THE CONTRACTOR SHOULD CONFIRM DIFFERENTIAL WITH ARCHITECTS.
15. INTERIOR DETAILS ARE KEYED TO THE PLANS AT TYPICAL LOCATIONS. TYPICAL DETAILS APPLY TO ALL LOCATIONS WHICH ARE SIMILAR BUT ARE NOT OTHERWISE DETAILED. THE CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE TO COORDINATE THE LOCATION OF TYPICAL DETAILS AND INSTALL THE WORK INDICATED. IF DISCREPANCIES EXIST OR QUALIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING.
16. INTERIOR FINISHES ARE KEYED TO THE DRAWINGS AT TYPICAL LOCATIONS. THE FINISHES APPLY TO ALL LOCATIONS WHICH ARE SIMILAR BUT ARE NOT OTHERWISE DETAILED. CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE TO COORDINATE THE LOCATION OF ALL TYPICAL DETAILS AND INSTALL THE WORK INDICATED. IF DISCREPANCIES EXIST OR QUALIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING.
17. ABBREVIATIONS ON SHEET G2.01 APPLY TO THE ENTIRE SET UNLESS OTHERWISE NOTED.
18. WALL FIRE RATING INDICATIONS ON THE FLOOR PLANS SHOW EXTENT OF FIRE RATED PARTITION. FIRE RATING IN A PARTITION SHALL CONTINUE OVER DOOR OR WINDOW OPENING WHETHER OR NOT THEY APPEAR IN PLAN.
19. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO VERIFY SIZE AND INVERT ELEVATION OF OPENINGS / SLEEVES THROUGH CONCRETE AND MASONRY WALLS AND CONCRETE FOUNDATION WALLS. OPENINGS / SLEEVES ARE NOT LIMITED TO THOSE SHOWN ON STRUCTURAL DRAWING SHEETS.
20. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE AND MAKE PROVISIONS FOR ALL PIPE / CONDUIT SLEEVES THROUGH CONCRETE WALLS.
21. ELEVATIONS ARE TO TOP OF CONCRETE OR OTHER HARD SURFACE MATERIAL. DO NOT SCALE DRAWINGS. USE DIMENSIONS INDICATED.
22. DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING THE WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.
23. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AT THE SITE BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO START OF THE WORK. IN CASE OF CONFLICT BETWEEN ARCHITECTURAL AND CONSULTANTS DRAWINGS, THE ARCHITECT WILL DETERMINE THE CORRECT INTENTION OF THE WORK.
24. PROVIDE PEDESTRIAN PROTECTION AS NECESSARY AND AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
25. ALL CONSTRUCTION RELATING TO BUILDING, PARKING OR SITE DEVELOPMENT SHALL CONFORM TO STATE OF OREGON AND JURISDICTIONAL ACCESSIBILITY REQUIREMENTS.
26. THE CONTRACTOR SHALL COORDINATE ANY AND ALL REQUIREMENTS FOR OFF-SITE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, DRIVEWAYS, CURBS, GUTTERS, UTILITIES, ETC. OFF SITE IMPROVEMENTS SHALL MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION (AHJ).
27. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. SPECIFIC NOTES ON DETAILS APPLY TO SIMILAR CONDITIONS UNLESS NOTED OTHERWISE (UNO / UON).
28. FASTENERS AT WOOD FRAMED CONSTRUCTION TO MEET THE REQUIREMENTS OF OSSC TABLE 2304.10.2, UNLESS NOTED OTHERWISE.
29. WHERE FIRE RATED OPENING PROTECTION IS REQUIRED, THE FIRE DOORS AND SMOKE AND DRAFT CONTROL ASSEMBLIES INSTALLED IN CORRIDOR OPENINGS SHALL BE TESTED AND LABELED IN ACCORDANCE WITH OSSC CURRENT EDITION SECTION 714. IN ACCORDANCE WITH THE REQUIREMENTS OF THE LISTED ASSEMBLY, THE MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE PROVIDED WITH EACH ASSEMBLY FOR INSTALLATION AND FOR REVIEW BY THE INSPECTION AUTHORITY.

DEFERRED SUBMITTALS

REFER TO SPECIFICATION SECTION 01 4000 FOR BIDDER DESIGN REQUIREMENTS FOR BOTH AHJ REVIEW ITEMS AND NON-AHJ DEFERRED ITEMS. SUBMITTAL DOCUMENTS FOR AHJ DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD BY THE GENERAL CONTRACTOR. ARCHITECT AND APPROPRIATE ENGINEER OF RECORD SHALL REVIEW AND RETURN. THE GENERAL CONTRACTOR SHALL THEN FORWARD AHJ SUBMITTAL ITEMS TO THE BUILDING OFFICIAL FOR AHJ APPROVAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE AHJ DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

AUTHORITY HAVING JURISDICTION (AHJ) DEFERRED SUBMITTAL ITEMS:

A. STRENGTHENING OF MASONRY WITH FIBER-REINFORCED POLYMER SYSTEMS - DIVISION 3
B. FIRESTOPPING - DIVISION 07
C. STRUCTURAL SUPPORTS AND ENGINEERING FOR OVERHEAD SUSPENDED EQUIPMENT - DIVISION10
D. FIRE SPRINKLER SYSTEM - DIVISION 21
E. SHORING AND UNDERPINNING - DIVISION 31

SEE SPECIFICATION SECTION 01 4000 SUBMITTAL REQUIREMENTS FOR NON-AHJ BIDDER DESIGNED/ENGINEERED ITEMS.

SHEET INDEX

01 - GENERAL

G0.01	COVER SHEET
G1.01	PROJECT INFO
G2.01	SYMBOLS, LEGENDS, AND ACCESSIBILITY
G3.01	CODE ANALYSIS

02 - DEMOLITION

AD1.01	EXISTING/ DEMOLITION SITE PLAN
AD2.01	EXISTING/ DEMOLITION PLAN - LEVEL 1
AD2.02	EXISTING/ DEMOLITION PLAN - LEVEL 2
AD2.03	EXISTING/ DEMOLITION PLAN - LEVEL 3
AD2.04	EXISTING/ DEMOLITION ROOF PLAN
AD6.01	EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 1
AD6.02	EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 2
AD6.03	EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 3

03 - ARCHITECTURAL

A0.01	EXTERIOR / INTERIOR ASSEMBLIES
A0.02	INTERIOR WALL DETAILS
A1.01	PROPOSED SITE PLANS
A2.01	PROPOSED FLOOR PLAN - LEVEL 1
A2.02	PROPOSED FLOOR PLAN - LEVEL 2
A2.03	PROPOSED FLOOR PLAN - LEVEL 3
A2.04	PROPOSED ROOF PLAN
A3.01	EXTERIOR ELEVATIONS
A3.11	WALL SECTIONS
A3.12	WALL SECTIONS
A4.01	ENLARGED FLOOR PLANS/ INTERIOR ELEVATIONS
A5.01	INTERIOR ELEVATIONS
A6.01	PROPOSED REFLECTED CEILING PLAN - LEVEL 1
A6.02	PROPOSED REFLECTED CEILING PLAN - LEVEL 2
A6.03	PROPOSED REFLECTED CEILING PLAN - LEVEL 3
A7.01	VERTICAL CIRCULATION
A7.02	VERTICAL CIRCULATION - DETAILS
A8.01	DOOR & WINDOW SCHEDULE AND FRAME TYPES
A8.11	EXTERIOR DETAILS
A9.01	INT. FINISH ROOM SCHEDULE/ FF&E MATRIX/ FLOOR FINISH PLANS
A9.11	INTERIOR DETAILS - MISC.
A9.12	INTERIOR DETAILS - CEILINGS

04 - STRUCTURAL

S1.01	GENERAL NOTES SPECIFICATIONS
S2.01	FOUNDATION PLAN
S2.02	2ND FLOOR PLAN
S2.03	3RD FLOOR PLAN
S2.04	ROOF PLAN
S3.01	STRUCTURAL DETAILS
S3.02	STRUCTURAL DETAILS
S3.03	STRUCTURAL DETAILS

05 - MECHANICAL

M2.00	MECHANICAL LEGEND
MD2.01	MECHANICAL DEMOLITION - LEVEL 1
MD2.02	MECHANICAL DEMOLITION - LEVEL 2
MD2.03	MECHANICAL DEMOLITION - LEVEL 3
MD2.04	MECHANICAL DEMOLITION - ROOF
M2.01	MECHANICAL PLAN - LEVEL 1
M2.02	MECHANICAL PLAN - LEVEL 2
M2.03	MECHANICAL PLAN - LEVEL 3
M2.04	MECHANICAL PLAN - ROOF
M4.01	MECHANICAL DETAILS

06 - PLUMBING

P2.00	PLUMBING SCHEDULES AND DETAILS
PD2.01	PLUMBING DEMOLITION - LEVEL 1
PD2.02	PLUMBING DEMOLITION - LEVEL 2
PD2.03	PLUMBING DEMOLITION - LEVEL 3
PD2.04	PLUMBING DEMOLITION - ROOF
P2.01	PLUMBING PLAN - LEVEL 1
P2.02	PLUMBING PLAN - LEVEL 2
P2.03	PLUMBING PLAN - LEVEL 3
P2.04	PLUMBING PLAN - ROOF

07 - FIRE PROTECTION

FS2.00	FIRE SPRINKLER LEGEND
FS2.01	FIRE SPRINKLER PLAN - LEVEL 1

08 - ELECTRICAL

E0.01	ELECTRICAL LEGENDS AND NOTES
E0.02	LUMINAIRE SCHEDULE AND LIGHTING CONTROL NOTES
E0.03	ELECTRICAL LEGENDS AND NOTES
E0.04	POWER 1-LINE DIAGRAM EXISTING
E0.05	POWER PANEL SCHEDULES EXISTING
E1.01	LEVEL 1 PLAN DEMOLITION
E1.02	LEVEL 2 PLAN DEMOLITION
E1.03	LEVEL 3 PLAN DEMOLITION
E1.04	ROOF PLAN DEMOLITION
E2.01	LEVEL 1 PLAN POWER
E2.02	LEVEL 2 PLAN POWER
E2.03	LEVEL 3 PLAN POWER
E2.04	ROOF PLAN POWER
E3.01	LEVEL 1 PLAN LIGHTING
E3.02	LEVEL 2 PLAN LIGHTING
E3.03	LEVEL 3 PLAN LIGHTING
E4.01	LEVEL 1 PLAN DATA/COMMUNICATIONS AND FIRE ALARM
E4.02	LEVEL 2 PLAN DATA/COMMUNICATIONS AND FIRE ALARM
E4.03	LEVEL 3 PLAN DATA/COMMUNICATIONS AND FIRE ALARM

ADD ALTERNATE NOTES

IN ADDITION TO THE SEISMIC RETROFIT AND RENOVATIONS SCOPE OF WORK, ADDITIVE ALTERNATES HAVE BEEN PROPOSED. CONTRACTOR SHALL CREATE BID ALTERNATE QUANTIFYING COST OF ADDITIVE ALTERNATES SEPARATE FROM THE SEISMIC RETROFIT SCOPE OF WORK. THESE IMPROVEMENTS INCLUDE THE FOLLOWING:

ADD ALTERNATE #1 - NEW HYDR. ELEVATOR AND EGRESS STAIRS

BASE BID: EXISTING CONCRETE STAIR #4 BETWEEN GRIDLINES H.5-J.5 AND 1-2 TO REMAIN UNMODIFIED.

ADD ALTERNATE: DEMOLITION AND NEW WORK ASSOCIATED WITH THE INSTALLATION OF A NEW HYDRAULIC ELEVATOR, NEW EGRESS DOORS, AND NEW STEEL EGRESS STAIRS BETWEEN GRIDLINES H.5-J.5 AND 1-2, INCLUDING THE FOLLOWING:

DEMOLITION :
- CONCRETE STAIRS #4;
- CMU WALL AND CONCRETE SLAB AT NEW ELEVATOR PIT
- CEILING, ELEC., MECH., FIRE PROTECTION AT NEW ELEVATOR SHAFT
- WINDOWS AT EAST OF STAIR #4 AT LEVEL 2
- EXTERIOR CANOPY AT EAST WALL
- A/C PAVING AND BOLLARDS

NEW WORK:
- CONCRETE PIT WALLS AND FOOTINGS
- FRAMED SHAFT WALLS
- MACHINE ROOM-LESS #3500 HYDRAULIC ELEVATOR
- PIT LADDER
- SUMP PIT, SUMP PUMP, POWER AND DRAIN PIPING
- FLOORING PATCH AT LEVEL 1
- FLOOR SLAB W/ PAN DECK AT LEVEL 2
- EXTERIOR EGRESS DOORS EAST OF ELEVATOR AT LEVEL 2
- INFILL FRAMED WALL AT NEW EGRESS DOORS
- CEILING, ELEC., MECH., FIRE PROTECTION AT NEW ELEVATOR SHAFT
- STEEL EGRESS STAIRS, LANDING, GUARDRAILS, AND HANDRAILS
- A/C PAVING PATCH AND BOLLARDS

ADD ALTERNATE #2 - ONE-FOR-ONE LIGHTING REPLACEMENT

BASE BID: EXISTING LIGHTING TO REMAIN UNMODIFIED.

ADD ALTERNATE: DEMOLITION AND NEW WORK ASSOCIATED WITH THE ONE-FOR-ONE REPLACEMENT OF LIGHT FIXTURES THROUGHOUT THE BUILDING, INCLUDING THE FOLLOWING:

DEMOLITION :
- INDICATED LIGHT FIXTURES.

NEW WORK:
- INSTALLATION OF REPLACEMENT LIGHT FIXTURES, FIXTURES PROVIDED BY DISTRICT.

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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Stamp

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ASHLAND, OREGON

Project

MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

Consultant

Revisions

No.	Description	Date

Date	04/01/24
Job No.	23_40
Drawn By	Author
Checked By	Checker

100% CD

Date
04/01/24

Project Number
23_40

Drawing Title
PROJECT INFO

Sheet No
G1.01

DATE 4/2/2024 8:49:32 AM
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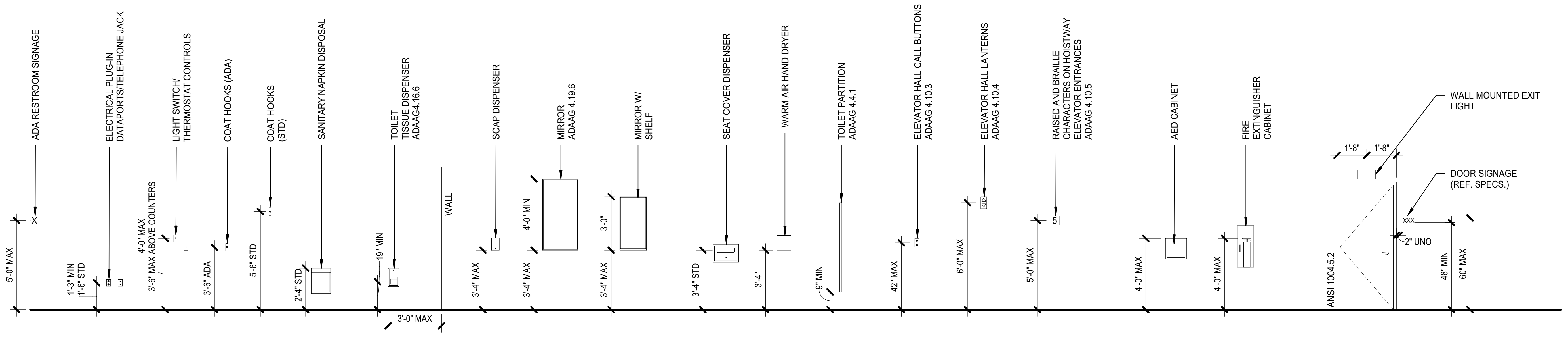
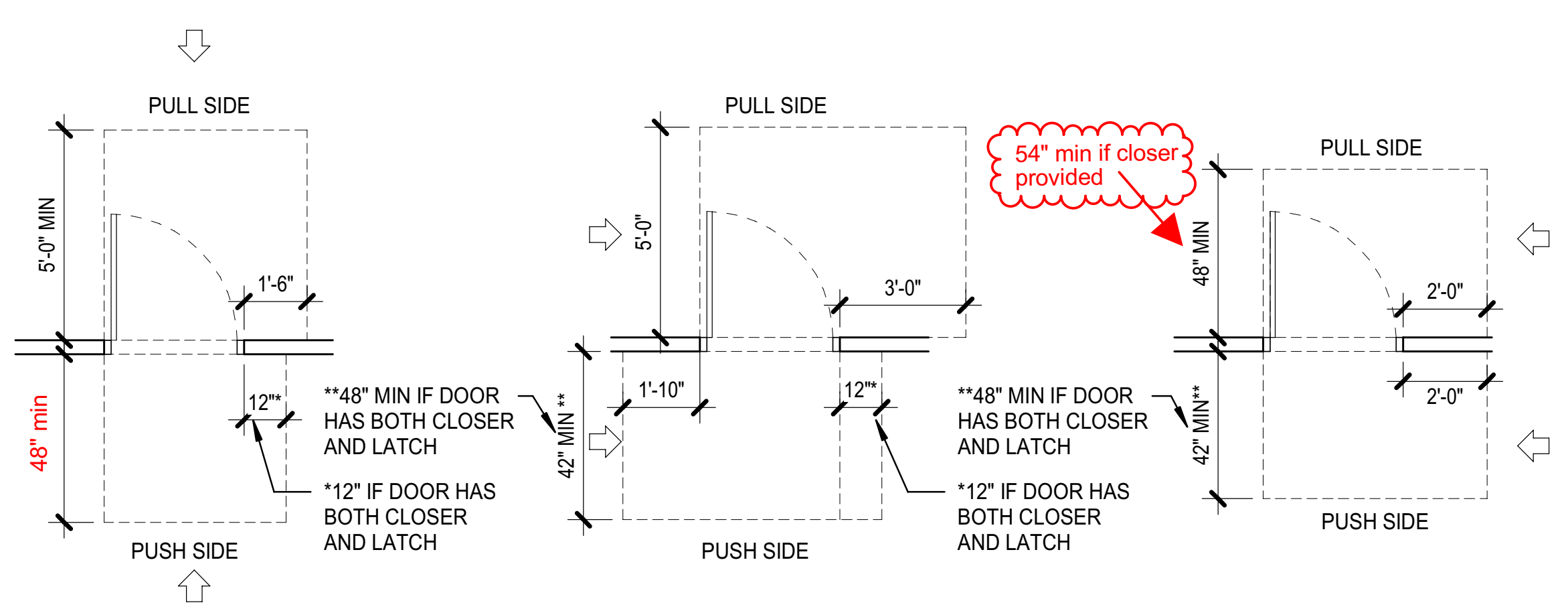


TYP ACC. MOUNTING HEIGHTS

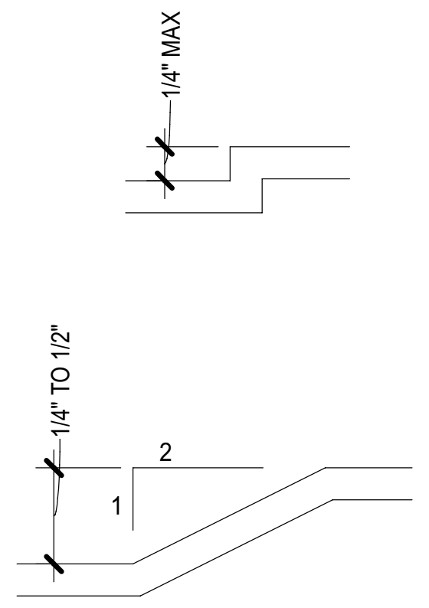
NOTE: X*1= 18" MIN, 24" PREFERRED

NOTE: X*1= 36" MIN IF Y*1=60"; X*1=42" MIN IF Y*1= 54"

NOTE: Y*1= 54" MIN IF DOOR HAS CLOSER

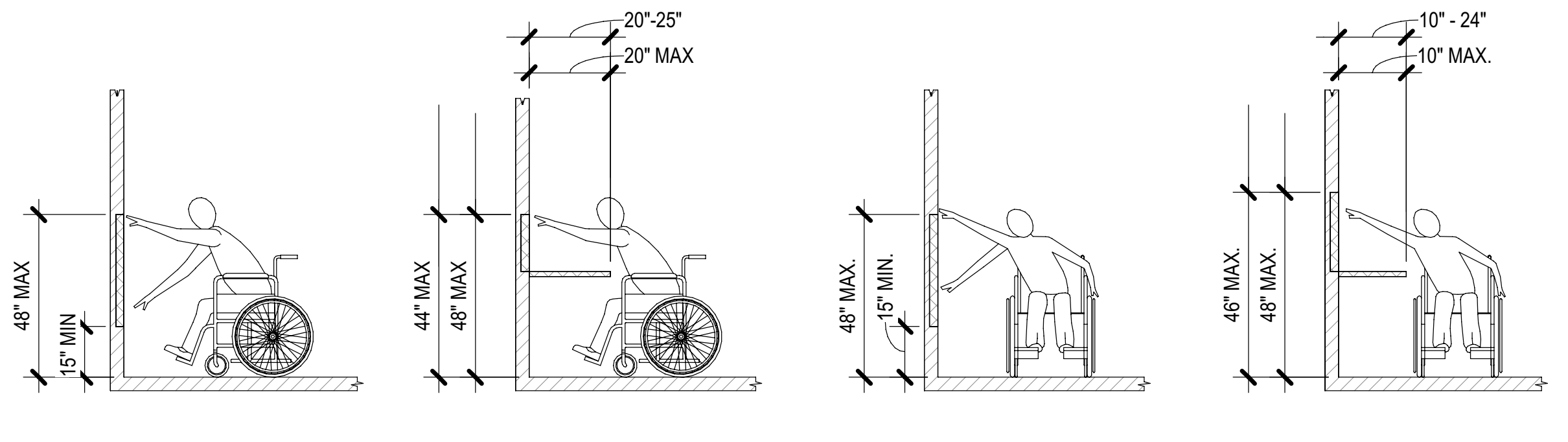

PULL SIDE
5'-0" MIN
1'-6"
48" min
12"*
**48" MIN IF DOOR HAS BOTH CLOSER AND LATCH
*12" IF DOOR HAS BOTH CLOSER AND LATCH
PUSH SIDE
PULL SIDE
5'-0"
3'-0"
1'-10"
12"*
42" MIN **
**48" MIN IF DOOR HAS BOTH CLOSER AND LATCH
*12" IF DOOR HAS BOTH CLOSER AND LATCH
PUSH SIDE
54" min if closer provided
PULL SIDE
48" MIN
2'-0"
2'-0"
42" MIN**
PUSH SIDE

TYP ACC. DOOR CLEARANCES



LEVEL CHANGES

1/4" = 1'-0"



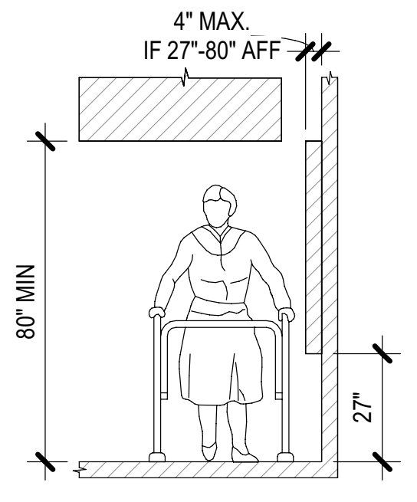
A117.1 FIGURE 308.2.1
UNOBSTRUCTED FORWARD
REACH

A117.1 FIGURE 308.2.2
OBSTRUCTED HIGH FORWARD
REACH (A) AND (B)

A117.1 FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH

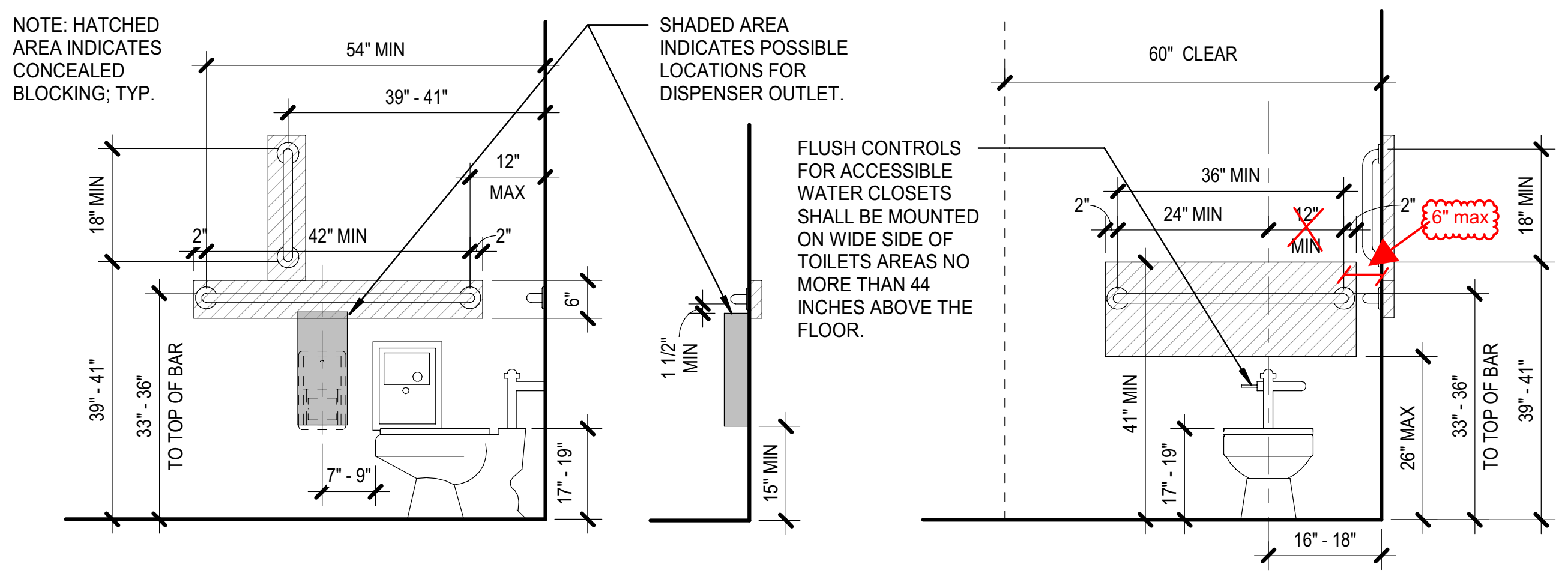
A117.1 FIGURE 308.3.2
OBSTRUCTED HIGH SIDE
REACH (A) AND (B)

TYP REACH RANGES



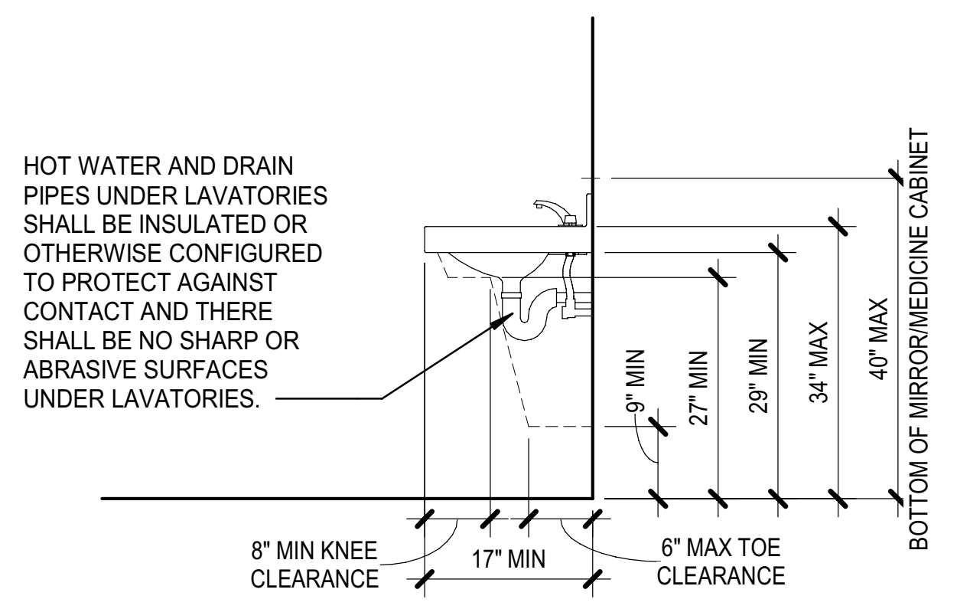
A117.1 FIGURE 307.2
LIMITS OF
PROTRUDING OBJECTS

PROTRUDING OBJECTS


NOTE: HATCHED AREA INDICATES CONCEALED BLOCKING; TYP.
54" MIN
39" - 41"
12" MAX
18" MIN
2"
42" MIN
2"
6"
39" - 41"
33" - 36"
TO TOP OF BAR
7" - 9"
17" - 19"
SHADED AREA INDICATES POSSIBLE LOCATIONS FOR DISPENSER OUTLET.
1 1/2" MIN
15" MIN
60" CLEAR
FLUSH CONTROLS FOR ACCESSIBLE WATER CLOSETS SHALL BE MOUNTED ON WIDE SIDE OF TOILETS AREAS NO MORE THAN 44 INCHES ABOVE THE FLOOR.
36" MIN
24" MIN
2"
~~12"~~ MIN
2"
6" max
18" MIN
41" MIN
17" - 19"
26" MAX
33" - 36"
TO TOP OF BAR
39" - 41"
16" - 18"

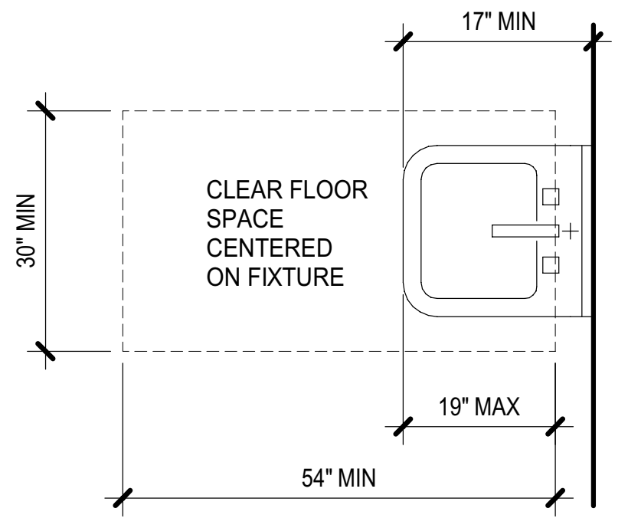
ACC. WC ELEVATIONS

1/2" = 1'-0"


HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT AND THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
9" MIN
27" MIN
29" MIN
34" MAX
40" MAX
BOTTOM OF MIRROR/MEDICINE CABINET
8" MIN KNEE CLEARANCE
17" MIN
6" MAX TOE CLEARANCE

TYP LAVATORY ELEVATION

1/2" = 1'-0"



TYP LAVATORY PLAN

1/2" = 1'-0"

ABBREVIATIONS

#	POUND OR NUMBER
A/C	AIR CONDITIONING
AB	ANCHOR BOLT
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADD	ADDENDUM
ADH	ADHESIVE
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
AHJ	AUTHORITY HAVING JURISDICTION
AL(UM)	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
AP	ACCESS / ACOUSTIC PANEL
ARCH	ARCHITECT(URAL)
AUTO	AUTOMATIC
BATT	BATT INSULATION
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BM	BENCH MARK
BO	BOTTOM OF
BOL	BOLLARD
BOT	BOTTOM
BR(N)Z	BRONZE
CB	CATCH BASIN
CCTV	CLOSED CIRCUIT TV
CEM	CEMENT
CF	CUBIC FOOT
CG	CORNER GUARD
CI	CONTINUOUS INSULATION
CJT	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR(ANCE)
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUE, CONTINUOUS
CONTR	CONTRACT
COORD	COORDINATE
CRS	COURSE
CS	COUNTERSINK
CSMT	CASEMENT
CT	CERAMIC TILE
CTR	CENTER
CX	CONNECTION
CY	CUBIC YARD
DEM	DEMOLISH, DEMOLITION
DEP	DEPRESSED
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DL	DEAD LOAD
DMT	DEMOUNTABLE
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DWG(S)	DRAWING(S)
DWR	DRAWER
E	EAST
EA	EACH
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
ELEC	ELECTRIC(AL)
EMER(G)	EMERGENCY
ENCL	ENCLOSE(URE)
EOS	EDGE OF STUD
EP	ELECTRICAL PANEL BOARD
EPDM	ETHYLENE PROPYLENE DIENEMONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EX	EXIST(ING)
EXH	EXHAUST
EXP	EXPOSED, EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FAF	FLUID APPLIED FLOORING
FD	FLOOR DRAIN, FIRE DAMPER
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FFE	FURNISHINGS FIXTURES AND EQUIPMENT
FGL	FIBERGLASS
FHC	FIRE HOSE CABINET
FHMS	FLATHEAD MACHINE SCREW
FHWS	FLATHEAD WOOD SCREW
FIN	FINISH(ED)
FL	FLOOR
FLASHG	FLASHING
FLCO	FLOOR CLEANOUT
FLR	FLOOR(ING)
FLUOR	FLUORESCENT
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STEEL
FP	FIREPROOFING
FR	FRAME(D), FRAMING
FRP	FIBER-REINFORCED PANEL, FIBER-REINFORCED POLYMER
FS	FULL SIZE, FLAME SPREAD
FT	FIRE TREATED
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR, GYPSUM BOARD
GI	GALVANIZED IRON
GL	GLASS, GLAZING
GP	GALVANIZED PIPE
GSS	GALVANIZED STEEL SHEET
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
GYP BD	GYPSUM BOARD
HB	HOSE BIB
HBD	HARDBOARD
HC	HOLLOW CORE
HD	HEAVY DUTY
HDR	HEADER
HDW	HARDWARE
HM	HOLLOW METAL
HOR(IZ)	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING, VENTILLATION, AND AIR CONDITIONING
HWD	HARDWOOD
HWH	HOT WATER HEATER
ID	INSIDE DIAMETER
INCL	INCLUDE(D), INCLUDING
INS(UL)	INSULATE(D), INSULATION
INT	INTERIOR
JAN(T)	JANITOR
JC	JANITOR'S CLOSET
JT	JOINT
LAM	LAMINATE(D)
LAV	LAVATORY
LH	LEFT HAND
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURE(R)
MGR	MANAGER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODULAR
MP	METAL PANEL
MRGB	MOISTURE RESISTANT GYPSUM WALL BOARD
MTL	METAL
MULL	MULLION
MWP	MEMBRANE WATERPROOFING
N	NORTH
NAT	NATURAL
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPG	OPENING
OPP	OPPOSITE
OVHD	OVERHEAD
P-LAM	PLASTIC LAMINATE
PAR	PARAPET
PERF	PERFORATE(D)
PJT	PANEL JOINT
PLAT	PLATFORM
PNL	PANEL
PNT	PAINT
PP	PREPAINTED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
PTL	PARTIAL
PTN	PARTION
PVC	POLYVINYL CHLORIDE
PWD	PLYWOOD
QT	QUARRY TILE
RA	RETURN AIR
RAD	RADIUS
RD	ROOF DRAIN
REF	REFER(ENCE)
REINF	REINFORCE(D), REINFORCING
REQ	REQUIRED
REV	REVISION(S), REVISED
RH	RIGHT HAND
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
S	SOUTH
SA	SUPPLY AIR
SC	SOLID CORE
SCHED	SCHEDULE
SEC	SECTION
SIM	SIMILAR
SL	SLEEVE
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUPP	SUPPLEMENT, SUPPLY
SUSP	SUSPENDED
SV	SHEET VINYL
TB, TCKBD	TACKBOARD
TEL	TELEPHONE
TEMP	TEMPERED, TEMPERATURE
TG, T&G	TONGUE AND GROOVE
TO	TOP OF
TOC	TOP OF CURB, TOP OF CONCRETE
TOF	TOP OF FRAMING
TOP	TOP OF PARAPET
TOPL	TOP OF PLATE
TOR	TOP OF ROOF
TOS	TOP OF STEEL
TS	TUBE STEEL
TW	TOP OF WALL
TYP	TYPICAL
UON, UNO	UNLESS NOTED OTHERWISE
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VG	VERTICAL GRAIN
VIF	VERIFY IN FIELD
W	WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WP	WATERPROOF(ING)
WS	WATERSTOP
WWF	WELDED WIRE FABRIC
±	PLUS OR MINUS
ø	DIAMETER

SYMBOLS LEGEND

SIM 1 A101	BUILDING SECTION MARK 1=SECTION NO. A101= SHEET NO.
SIM 1 A101	WALL SECTION MARK 1=SECTION NO. A101= SHEET NO.
1 A101	EXTERIOR ELEVATION MARK 1=SECTION NO. A101= SHEET NO.
1 2 3 4 A101	INTERIOR ELEVATION MARK FILLED 1=SECTION NO. A101= SHEET NO.
SIM 1 A101	DETAIL SECTION MARK 1=SECTION NO. A101= SHEET NO.
SIM 1 A101	ENLARGED VIEW MARK 1=SECTION NO. A101= SHEET NO.
XXX.R X XX	PARTITION MARK (REF. PARTITION TYPES)
A1001	DOOR TAG
AA	INTERIOR WINDOW MARK
AA	EXTERIOR WINDOW MARK
NORTH	NORTH ARROW
NAME ELEVATION	LEVEL MARK
B.5	GRID HEAD
XXXX	KEYNOTE - REFER TO LEGEND ON SHEET
99	REVISION CLOUD AND MARK
CJ	CONTROL JOINT
0 4' 8' 16'	GRAPHIC SCALE
- - - - - - -	MATCHLINE
ALIGN	ALIGN DISCONTINUOUS PLANES

MATERIALS LEGEND

▨	BRICK (PLAN/SECTION)	▦	UNDISTURBED EARTH
▤	BRICK (ELEVATION)	▩	DISTURBED EARTH
░	STUCCO	▨	STEEL
▩	RIGID INSULATION	░	GYPSUM BOARD
⬡	SPRAY INSULATION	▦	DRAINAGE FILL
▩	CONCRETE MASONRY	▤	PLYWOOD
░	CONCRETE	◌	BLANKET OR LOOSE FILL INSULATION

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

Project

Consultant

Revisions

No.	Description	Date

Date	**04/01/24**
Job No.	**23_40**
Drawn By	**Author**
Checked By	**Checker**

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04/01/24

Project Number
23_40

Drawing Title
SYMBOLS, LEGENDS, AND ACCESSIBILITY

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G2.01

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CODE ANALYSIS

PROJECT INFORMATION

PROJECT NAME: NORTH MEDFORD HIGH SCHOOL GYM
PROJECT DESCRIPTION: SEISMIC RETROFIT OF EXISTING GYM BUILDING
ADDRESS: 1900 N KEENE WAY DR,
MEDFORD, OR 97504
MAP & TAX LOT: 371W17C 4800

CLIENT INFORMATION

NAME: MEDFORD SCHOOL DISTRICT 549C
CONTACT: ANDY CHASTEEN, FACILITIES MANAGER
(541) 842-1138
ADDRESS: 815 OAKDALE AVE.
MEDFORD, OR 97501

NARRATIVE

THE PROJECT IS COMPRISED OF A SEISMIC RETROFIT AND ADDITIONAL RENOVATION WORK TO THE EXISTING GYM BUILDING.

PLANNING SUMMARY

SITE DATA:
SITE ADDRESS: 1900 N KEENE WAY DR
MEDFORD, OR 97 504
MAP AND TAX LOT: 371W17C4800
LOT AREA: 61.31 ACRES
ZONING: SFR-4
ZONING OVERLAYS: A-C

LOT COVERAGE:
ADD. LOT COVERAGE: 130 SF
ADD. IMPERVIOUS SURFACES: 130 SF

PLANNING FINDINGS ARE AS FOLLOWS:

1. MINOR CHANGES TO BUILDING EXTERIOR INCLUDING NEW CONC. SHEARWALLS W/ PAINTED FINISH, REPLACEMENT EXIT DOORS, AND NEW EXTERIOR STEEL STAIR.
2. NO CHANGE OF BUILDING USE, OCCUPANCY, OR NUMBER OF PARKING SPOTS.

GOVERNING CODES

THE DESIGN OF THIS PROJECT IS BASED ON THE FOLLOWING CODES:

OREGON STRUCTURAL SPECIALTY CODE, 2022 ED.
OREGON ENERGY EFFICIENCY SPECIALTY CODE, 2021 ED.
OREGON MECHANICAL SPECIALTY CODE, 2022 ED.
OREGON PLUMBING SPECIALTY CODE, 2023 ED.
OREGON ELECTRICAL SPECIALTY CODE, 2023 ED.
OREGON FIRE CODE, 2022 ED.
2017 ICC A117.1 ACCESSIBILITY STANDARDS

EXISTING BUILDING CODE ANALYSIS

OSSC CHAPTER 34 COMPLIANCE METHOD: SEC 3405 PRESCRIPTIVE ALTERATION

PRESCRIPTIVE COMPLIANCE NOTES:

3403.2.4 DEMOLISHED WALLS, CEILING AND FLOORING TO BE REPLACED WITH SIMILAR MATERIALS. ALL NEW MATERIALS TO COMPLY WITH 2022 OSSC.
3403.6 ALL ACCESSIBLE FEATURES TO COMPLY WITH 2022 OSSC CHAP 11 AND 2017 ICC A117.1. ALL CHANGES MADE TO ACCESSIBLE ROUTES MEET ACCESSIBILITY REQUIREMENTS.
3403.7.2 MODIFICATIONS TO BUILDING FIRE ALARM SYSTEM WILL MEET THE REQUIREMENTS OF THE CURRENT BUILDING CODE.
3405.3.1 ALL NEW CONSTRUCTION TO COMPLY WITH 2022 OSSC.
3405.3.2 BUILDING NOT LOCATED IN FLOOD HAZARD AREA.
3405.3.3 CHANGES MADE TO EXISTING STRUCTURAL ELEMENTS CARRYING GRAVITY LOAD TO COMPLY WITH 2022 OSSC.
3405.3.4 CHANGES MADE TO EXISTING STRUCTURAL ELEMENTS CARRYING LATERAL LOAD TO COMPLY WITH 2022 OSSC.

PLUMBING IMPROVEMENTS NOTES:

1. REMOVAL OF SELECT PLUMBING FIXTURES AT SEISMIC RETROFIT WORK.
2. REINSTALLATION OF PLUMBING FIXTURES REMOVED DURING SEISMIC RETROFIT WORK.

MECHANICAL IMPROVEMENTS NOTES:

1. DEMOLITION OF SELECT HVAC EQUIPMENT.
2. REMOVAL OF SELECT HVAC FIXTURES AT SEISMIC RETROFIT WORK.
3. REINSTALLATION OF HVAC EQUIPMENT REMOVED DURING SEISMIC RETROFIT WORK.
4. INSTALLATION OF NEW HVAC EQUIPMENT.

ELECTRICAL IMPROVEMENTS NOTES:

1. DEMOLITION OF SELECT ELECTRICAL EQUIPMENT.
2. REMOVAL OF SELECT ELECTRICAL FIXTURES AT SEISMIC RETROFIT WORK.
3. REINSTALLATION OF ELECTRICAL EQUIPMENT REMOVED DURING SEISMIC RETROFIT WORK.
4. RELOCATION OF EXISTING ELECTRICAL EQUIPMENT.
5. REROUTING OF EXISTING ELECTRICAL FEEDER AND NEW MAIN ELECTRICAL ROOM.
6. INSTALLATION OF NEW EMERGENCY GENERATOR AND EMERGENCY POWER BRANCH CIRCUITS.
7. INSTALLATION OF NEW ELECTRICAL EQUIPMENT.

ENERGY EFFICIENCY (PER 2021 OEESC)

1. NO MAJOR CHANGES MADE TO BUILDING ENVELOPE.
2. MINOR CHANGES TO INCLUDE THE FOLLOWING ENERGY EFFICIENCY MEASURES:
   REPLACEMENT ROOF INSULATION: R-30
   INFILL WALL INSULATION: R-21

OCCUPANCY AND USE SUMMARY

EXISTING OCCUPANCY/ USE: MIXED OCCUPANCY, SEPARATED
A-4 (EXISTING GYMS)
A-3 (EXISTING EXERCISE ROOMS)
B (EXISTING OFFICES)
E (EXISTING LOCKER ROOMS)
S-1 (EXISTING STORAGE)

NO CHANGE TO OCCUPANCY OR USE

TYPE OF CONSTRUCTION

EXISTING AND PROPOSED CONSTRUCTION TYPE: IIIB

EXISTING AND PROPOSED RESISTANCE RATINGS:
PRIMARY STRUCTURAL FRAME: 0 HR
BEARING WALLS, EXTERIOR: 2 HR
BEARING WALLS, INTERIOR: 0 HR
NON-BEARING PARTITION WALLS, EXTERIOR: 0 HR
NON-BEARING PARTITION WALLS, INTERIOR: 0 HR
FLOOR CONSTRUCTION: 0 HR
ROOF CONSTRUCTION: 0 HR

NO CHANGE TO BUILDING CONSTRUCTION TYPE. ALL NEW MATERIALS TO MEET TYPE IIIB REQ.

BUILDING HEIGHT AND AREA

EXISTING HEIGHT AND AREA:
NUMBER OF STORIES/ HEIGHT: 3, +/-37'-8"

EXISTING BUILDING AREA
LEVEL 1 33792 SF
LEVEL 2 17593 SF
MECHANICAL LEVEL 1870 SF
TOTAL 53255 SF

PROPOSED BUILDING AREA NO CHANGE

AREA OF RENOVATIONS 53255 SF

NO CHANGES MADE TO BUILDING HEIGHT AND AREA.

FIRE SEPARATION DISTANCES

EXISTING FIRE SEPARATION DISTANCES:
NORTH WALL: >30' (PUBLIC STREET, UNBUILDABLE)
EAST WALL: >30' (DRIVEWAY)
SOUTH WALL: >30' (DRIVEWAY)
WEST WALL: >30' (PARKING LOT, DRIVEWAY)

NO CHANGE TO FIRE SEPARATION DISTANCES

BUILDING FIRE PROTECTION

FIRE SPRINKLERS:

PORTIONS OF THE BUILDING ARE EQUIPPED WITH A FIRE SPRINKLER SYSTEM.

THE FIRE SPRINKLER SYSTEM WILL BE MODIFIED AS NEEDED TO ACCOMMODATE STRUCTURAL IMPROVEMENTS AND LAYOUT CHANGES.

FIRE ALARM SYSTEM:

THE BUILDING IS EQUIPPED WITH A FIRE ALARM SYSTEM.

THE FIRE ALARM SYSTEM WILL BE MODIFIED AS NEEDED TO ACCOMMODATE STRUCTURAL IMPROVEMENTS AND LAYOUT CHANGES.

OCCUPANCY SEPARATIONS

EXISTING OCCUPANCY SEPARATIONS:

EXISTING 2 HR RATED CONSTRUCTION BETWEEN A OCCUPANCY (MAIN GYM, UPPER GYM, WEIGHT ROOM) AND E OCCUPANCY (LOCKERS, ENTRY) MEETS THE REQUIREMENTS OF FIRE AREA SEPARATION.

NO CHANGE TO EXISTING FIRE RATED ASSEMBLIES.

OCCUPANT LOAD ANALYSIS

FOR PURPOSES OF OCCUPANT LOAD ANALYSIS AS IT RELATES TO EGRESS DESIGN, LOADS FOR MAIN GYM AND UPPER GYM HAVE BEEN CALCULATED ASSUMING THE HIGHEST LOAD, WORST-CASE TYPICAL EVENT:

MAIN GYM:
EVENT TYPE: FULL BLEACHERS, CHAIRS IN REMAINING FLOOR AREA
TELESCOPING BLEACHERS FIXED SEATS: 1408
OCC. AT REMAINING FLOOR AREA: 1520 (10636 SF / 7 SF/ OCC.)
TOTAL OCCUPANTS: 2928

UPPER GYM:
EVENT TYPE: FULL NORTH BLEACHERS, REMAINING FLOOR AREA NOT USED DURING MAIN GYM EVENT
TELESCOPING BLEACHERS FIXED SEATS: 798

NO CHANGES TO OVERALL BUILDING OCCUPANT LOAD.

EGRESS ANALYSIS

EGRESS COMPONENTS AT UPPER GYM AND LOBBY WILL BE MODIFIED AS FOLLOWS:

UPPER GYM:
THE TOTAL CALCULATED OCCUPANT LOAD OF LEVEL 2 UPPER GYM REQUIRES 3 EXITS. THE INSTALLATION OF THE NEW ELEVATOR WILL REQUIRE THE DEMOLITION OF 1 EXIT ACCESS STAIR AT THE EAST WALL OF THE BUILDING, REDUCING THE NUMBER OF EXITS TO 2.

TO ACCOMMODATE THE REQUIRED 3 EXITS, A NEW EXIT DOOR WILL BE INSTALLED AT THE EAST WALL OF THE BUILDING AT LEVEL 2, AND A NEW EXTERIOR EXIT STAIRWAY WILL BE INSTALLED SERVING THE NEW EXIT DOORS.

THE PROPOSED CHANGES TO THE EGRESS COMPONENTS DO NOT CREATE CONDITIONS THAT ARE MORE HAZARDOUS, BASED ON LIFE AND FIRE RISK, THAN THE EXISTING EGRESS COMPONENTS FOR THE FOLLOWING REASONS:

1. THE NEW EXIT DOORS AND EXTERIOR EXIT STAIRWAY MEET THE EGRESS WIDTH REQUIREMENTS FOR THE CALCULATED EGRESS OCCUPANT LOAD.
2. THE EXIT ACCESS TRAVEL DISTANCE AT THE MODIFIED EXIT IS REDUCED BY 40'.

LOBBY
THE WEST LOBBY EXIT DOORS WILL BE REPLACED WITH NEW EXIT DOORS.

THE PROPOSED CHANGES TO THE EGRESS COMPONENTS DO NOT CREATE CONDITIONS THAT ARE MORE HAZARDOUS, BASED ON LIFE AND FIRE RISK, THAN THE EXISTING EGRESS COMPONENTS FOR THE FOLLOWING REASONS:

1. THE NEW EXIT DOORS AND EXTERIOR EXIT STAIRWAY MEET THE EGRESS WIDTH REQUIREMENTS FOR THE CALCULATED EGRESS OCCUPANT LOAD.

NO CHANGES MADE TO EGRESS COMPONENTS IN OTHER PARTS OF THE BUILDING.

ENERGY EFFICIENCY

1. NEW AND REPLACEMENT CHANGES TO THE BUILDING ENVELOPE TO INCLUDE THE FOLLOWING ENERGY EFFICIENCY MEASURES:
   CONTINUOUS INSULATION ABOVE ROOF DECK: R-30
   INFILL EXTERIOR WALL INSULATION: R-21

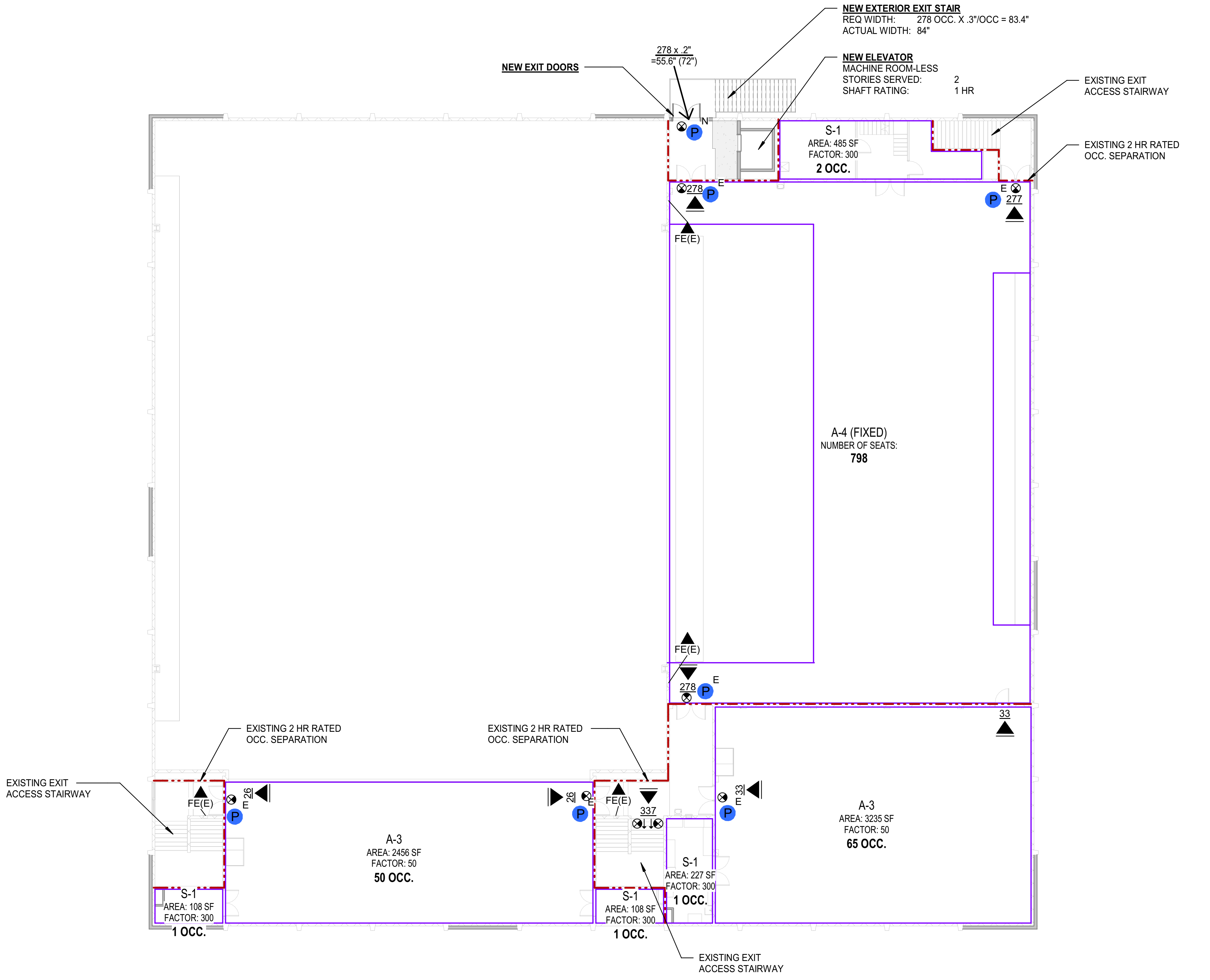
ELEVATOR SUMMARY

SHAFT ENCLOSURE TO MEET REQUIREMENTS OF SEC 713 AND CHAP 30.

SHAFT ENCLOSURE FIRE-RESISTIVE RATING: 1 HR (CONNECTING LESS THAN 4 STORIES)

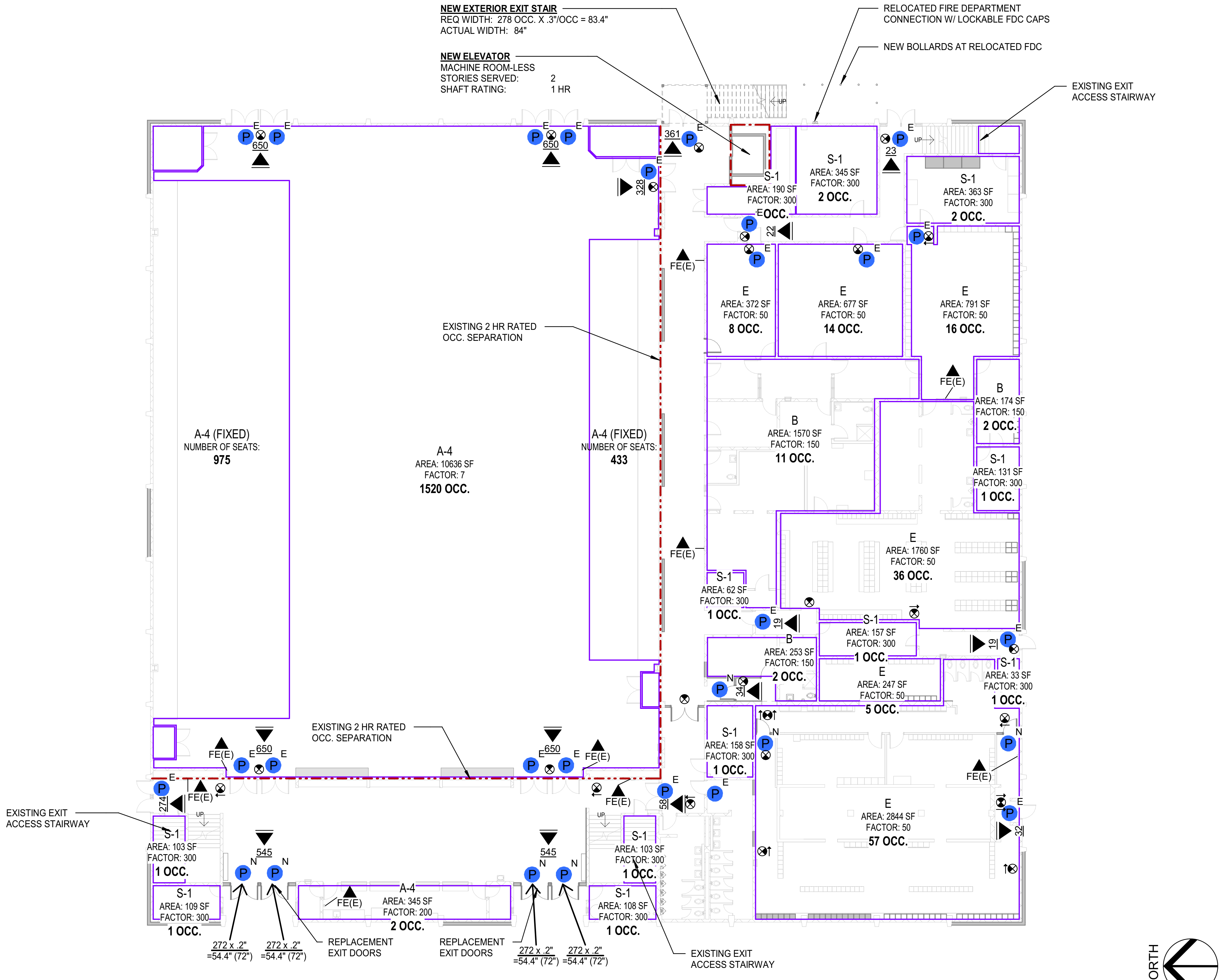
SHAFT ENCLOSURE WALLS SHALL RUN CONTINUOUSLY FROM LOWEST SLAB ON GRADE/FOOTING TO THE UNDERSIDE OF THE ROOF DECK ABOVE UNINTERRUPTED BY THE FLOOR SLABS AT ALL OTHER LEVELS ABOVE UNLESS OTHERWISE NOTED.

ELEVATOR SERVES TWO STORIES.



2 EXITING AND OCCUPANCY PLAN - LEVEL 2

1/16" = 1'-0"



1 EXITING AND OCCUPANCY PLAN - LEVEL 1

1/16" = 1'-0"

SHEET NOTES

1. THIS CODE ANALYSIS IS FOR REFERENCE ONLY. SEE OTHER PLAN SHEETS FOR CONTRACT DOCUMENT INFORMATION. THIS CODE ANALYSIS IDENTIFIES SOME SPECIFIC BUILDING CODE REQUIREMENTS BUT IS NOT INTENDED TO LIST ALL BUILDING CODE REQUIREMENTS.
2. ALL RENOVATED PORTIONS OF THE BUILDINGS ARE ACCESSIBLE, SEE CODE INFORMATION SHEET AND OTHER DETAIL SHEETS FOR ACCESSIBILITY CONFORMANCE.
3. PROVIDE LISTED FIRESTOP AT PERIMETER, GAPS AND EXPANSION JOINTS OF ALL RATED CONSTRUCTION AS REQUIRED TO MAINTAIN SPECIFIED RATING.
4. ROOMS WITH NO TAGS ARE CONSIDERED 'NOT NORMALLY OCCUPIED' SPACES. SEE FLOOR PLANS FOR FULL NAME AND ROOM NUMBER INFORMATION.
5. VERIFY ALL FIRE EXTINGUISHER LOCATIONS WITH FIRE CODE OFFICIAL PRIOR TO INSTALL.
6. REFERENCE ELECTRICAL PLANS FOR EXIT SIGN LOCATIONS.

LEGEND

60 x .2"
=20" (36")
OCCUPANT LOAD AT EXIT
CODE WIDTH PER OCCUPANT
ACTUAL PROVIDED EXIT WIDTH
MIN CODE CALC EXIT WIDTH

FEC-X ▼ FIRE EXTINGUISHER SYMBOL - CONTRACTOR TO VERIFY ALL LOCATIONS WITH FIRE CODE OFFICIAL PRIOR TO INSTALL

100' ⊙- - - -> MAXIMUM PATH OF EGRESS TRAVEL

▬ • • ▬ 20-MINUTE RATED FIRE PARTITION

▬•▬•▬ 1-HOUR RATED FIRE BARRIER

▬••▬••▬ 2-HOUR RATED FIRE WALL

6 ▲ CUMULATIVE OCCUPANTS

⊗ EXIT SIGN

Ⓟ PANIC HARDWARE (EXISTING AND NEW)

CITY OF MEDFORD
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05/03/24

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Project

Consultant

Revisions

No.	Description	Date

Date 04/01/24
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CODE ANALYSIS

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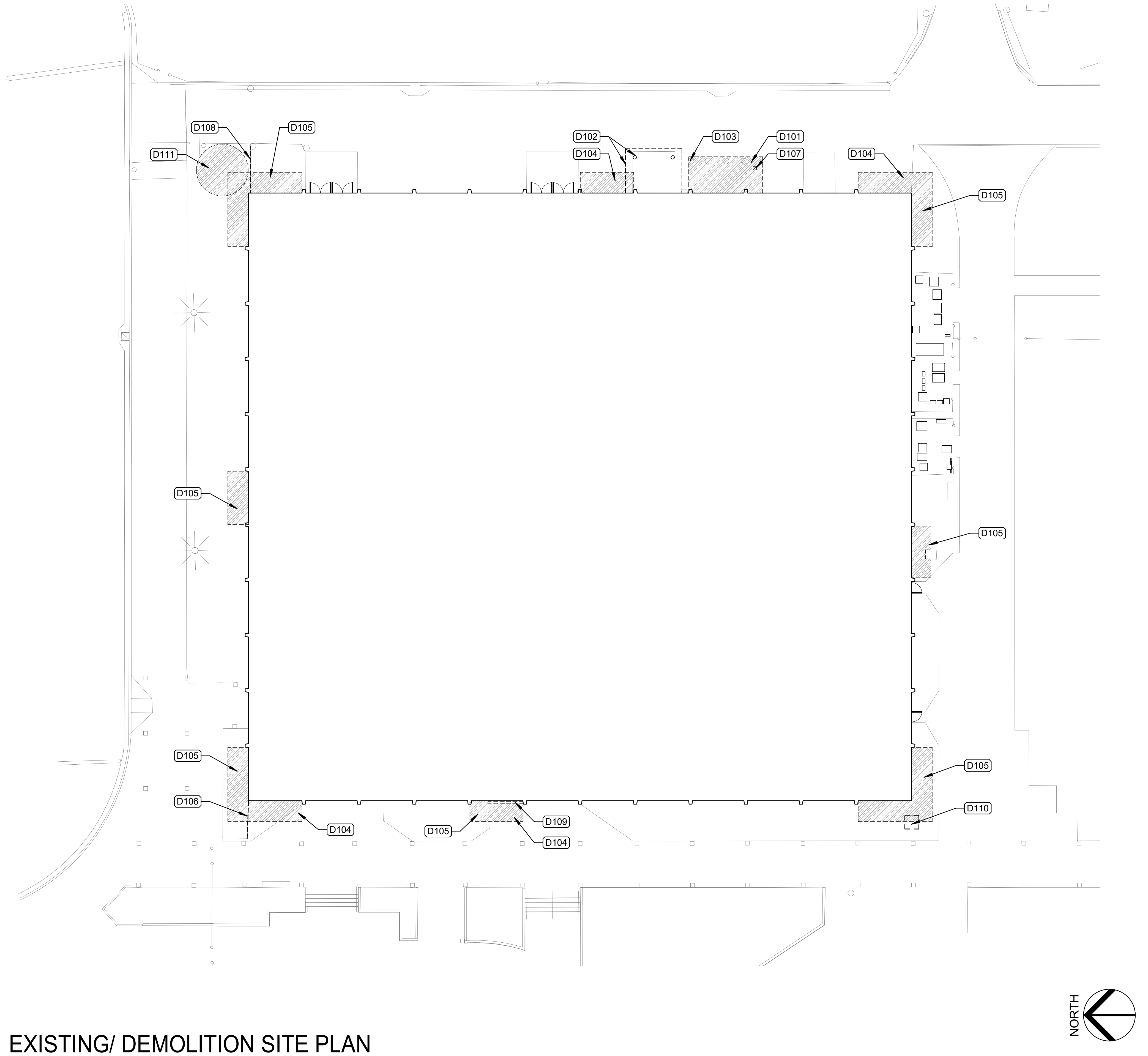

1 EXISTING/ DEMOLITION SITE PLAN

1" = 20'-0"

GENERAL DEMOLITION NOTES

1. THESE DRAWING ARE ONLY TO ASSIST IN SHOWING SCOPE OF DEMOLITION WORK AND IS NOT INTENDED TO INDICATE ALL DEMOLITION.
2. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
3. NOT ALL ITEMS TO BE DEMOLISHED ARE SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING A WALK-THRU OF THE SITE PRIOR TO BID AND CONSTRUCTION AND BECOMING FAMILIAR WITH ALL EXISTING CONDITIONS FOR THE PURPOSE OF IDENTIFYING POSSIBLE CRITICAL ITEMS, NOT ADDRESSED OR INCORRECTLY ADDRESSED, WHICH REQUIRE REMOVAL OR RELOCATION.
4. EXECUTION OF DEMOLITION SHALL PROGRESS IN SUCH A MANNER AS NOT TO INTERFERE WITH SAFETY AND CONVENIENCE THE PUBLIC AND THOSE AROUND THE SITE.
5. CONTRACTOR SHALL PROVIDE TEMPORARY PARTITION DUST BARRIERS IN ORDER TO MINIMIZE THE SPREAD OF DUST AND DEBRIS, AND TO PROTECT ADJACENT SPACES.
6. REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS.
7. REMOVE ONLY NON-LOAD BEARING CONSTRUCTION AND PARTITIONS UNLESS NOTED IN DRAWINGS. CONTRACTOR TO VERIFY, PRIOR TO REMOVAL, THAT NO STRUCTURAL COMPONENTS, I.E. BEARING WALLS, BEAMS, HEADERS, ETC.. SUPPORTING FLOOR, ROOF OR CEILING JOISTS ARE DESIGNATED FOR REMOVAL. CONTACT THE ARCHITECT PRIOR TO REMOVAL OF ANY CONSTRUCTION IN QUESTION OR DEVIATING FROM THE DESIGN INTENT. CONTRACTOR'S NON-CONTACT OF ARCHITECT PRIOR TO REMOVAL OF ANY WORK INDICATES HIS COMPLETE UNDERSTANDING THAT NO LOAD BEARING OR STRUCTURAL WORK OUTSIDE OF THE SCOPE IS BEING ALTERED UNDER THIS CONTRACT.
8. WHERE EXISTING BEARING WALLS/COLUMNS ARE SCHEDULED FOR DEMOLITION, PROVIDE TEMPORARY SHORING/BRACING AS REQUIRED TO SUPPORT EXISTING LOADS PRIOR TO STARTING DEMOLITION.
9. WHERE EXISTING FOOTINGS ARE SCHEDULED FOR DEMOLITION OR UNDERMINING DUE TO EXCAVATION, PROVIDE TEMPORARY SHORING/BRACING AND PERMANENT SHORING/ UNDERPINNING AS REQUIRED TO SUPPORT EXISTING LOADS PRIOR TO STARTING DEMOLITION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL EXISTING LOADS RELATED TO, AND THE DESIGN OF, ALL TEMPORARY AND PERMANENT SHORING, BRACING, AND UNDERPINNING.
11. CONTRACTOR SHALL PROVIDE STAGING/DEMOLITION PLAN AND COORDINATE WITH CLIENT ON SITE ACCESS DURING PRE-CONSTRUCTION MEETING.
12. WASTE MATERIALS AND RUBBISH FROM DEMOLITION OPERATIONS SHALL BE REMOVED FROM SITE AS RAPIDLY AS POSSIBLE AND SHALL NOT BE ALLOWED TO ACCUMULATE ON PREMISES. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIAL.
13. PULL ANY DEMOLISHED WIRING BACK TO THE NEAREST JUNCTION BOX AND CAP IN ACCORDANCE WITH CODE.
14. PULL ANY DEMOLISHED PLUMBING LINES BACK TO THE NEAREST POINT OF CIRCULATION AND CAP IN ACCORDANCE WITH CODE.
15. CONTRACTOR SHALL PROTECT EXISTING STRUCTURE, DUCTWORK, AND CEILING SYSTEMS SCHEDULED TO REMAIN. PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED BY DEMOLITION AND/OR INSTALLATION OF NEW WORK, AS REQUIRED TO MATCH ADJACENT SURFACES AND TO RECEIVE NEW FINISHES.
16. CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN REMOVING EXISTING ITEMS THAT ARE SCHEDULED TO BE RELOCATED AND/OR REUSED. PROTECT AND STORE ITEMS ON SITE. NOTIFY ARCHITECT OF ANY ITEMS THAT ARE DETERMINED TO BE NON-FUNCTIONAL AND MAY REQUIRE REPLACEMENT INSTEAD OF RE-INSTALLATION.
17. VERIFY EXTENT OF DEMOLITION WITH PROPOSED FLOOR PLANS.
18. PATCH ALL EXISTING WALLS AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.

SHEET NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.
2. PATCH ALL EXISTING SURFACES AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION MATERIAL, IN ACCORDANCE WITH DISTRICT STANDARDS.
4. PROTECT AND MAINTAIN BENCHMARKS AND SURVEY CONTROL POINTS FROM DISTURBANCE DURING CONSTRUCTION.
5. THE INTENT OF THE PROPOSED CONSTRUCTION IS TO PRESERVE AS MUCH OF THE EXISTING PAVEMENT, CURB, GUTTER, AND SIDEWALK AS POSSIBLE. PROTECT EXISTING SITE IMPROVEMENTS TO REMAIN FROM DAMAGE DURING CONSTRUCTION.

KEYNOTES

D101	DEMOLISH (E) PAVING AT (N) EGRESS STAIRS
D102	DEMOLISH (E) COLUMNS AND CANOPY STRUCTURE, PREP WALL FOR (N) STAIRS
D103	DEMOLISH (E) PIPE BOLLARDS AT (N) EGRESS STAIRS
D104	DEMOLISH (E) PAVING AT (N) CONC. SHEARWALLS
D105	DEMOLISH (E) LANDSCAPING AT (N) CONC. SHEARWALLS
D106	REMOVE PORTION OF (E) METAL SECURITY FENCE AT (N) CONC. SHEARWALL, STORE FOR REUSE
D107	DEMOLISH (E) AREA DRAIN AT (N) EGRESS STAIRS
D108	DEMOLISH PORTION OF (E) CHAINLINK FENCE AT (N) CONC. SHEARWALL
D109	REMOVE PORTION OF (E) CANOPY ROOF DRAIN PIPE
D110	REMOVE (E) COMMUNICATIONS VAULT AND CONDUIT AS NEEDED AT (N) CONC. SHEARWALL FOOTING, STORE FOR REUSE
D111	PROTECT (E) TREE AT (N) CONC. SHEARWALL FOOTING EXCAVATION, IF TREE ROOT SYSTEM IS DAMAGED, REMOVE (E) TREE AND PREP FOR (N) TREE

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Revisions

No.	Description	Date

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EXISTING/ DEMOLITION SITE PLAN

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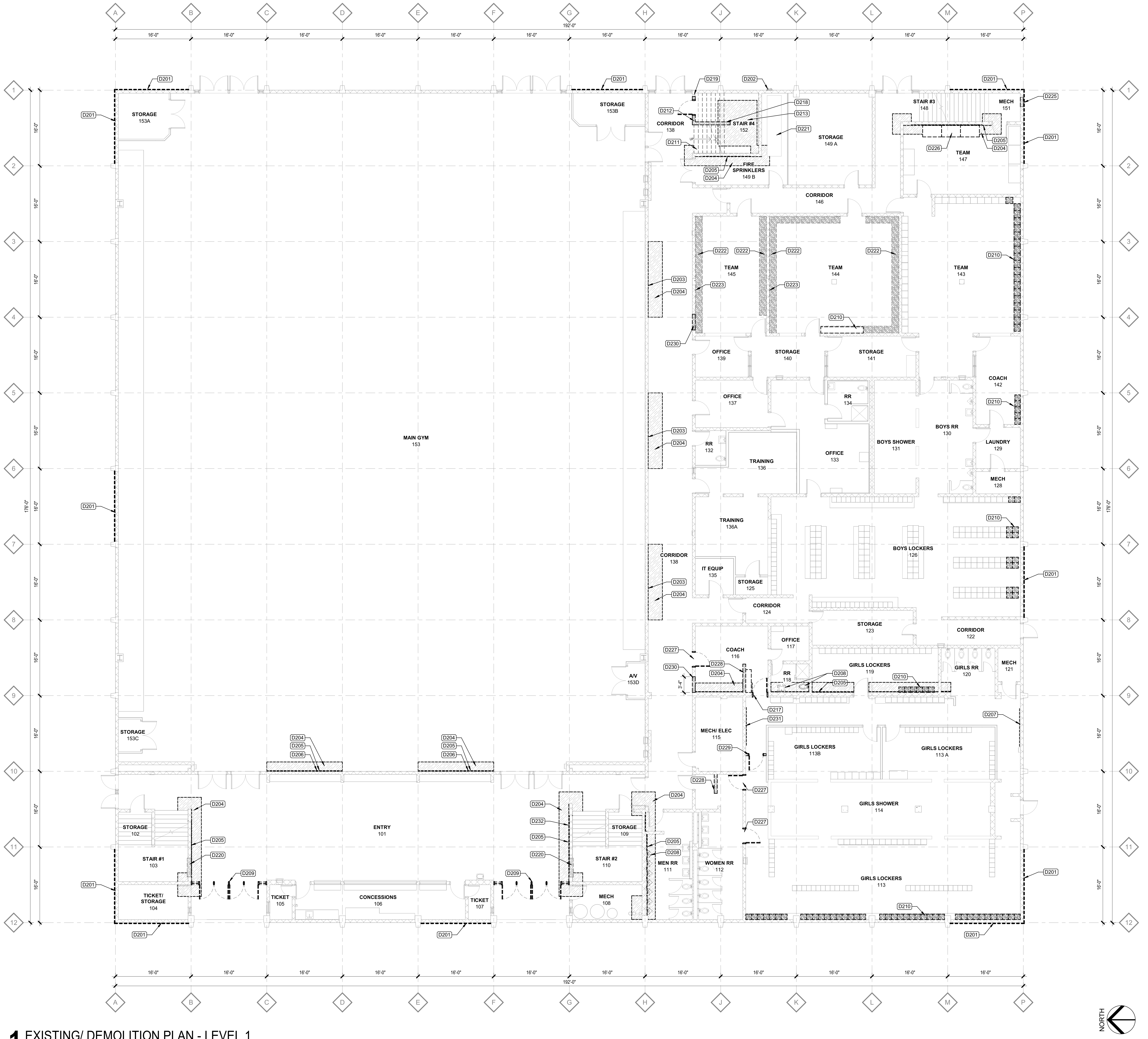

1 EXISTING/ DEMOLITION PLAN - LEVEL 1

1/8" = 1'-0"

SHEET NOTES - DEMOLITION

1. VERIFY EXTENT OF DEMOLITION WITH PROPOSED FLOOR PLANS.
2. PATCH ALL EXISTING WALLS AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.
3. CONTRACTOR SHALL PROVIDE TEMPORARY PARTITION DUST BARRIERS IN ORDER TO MINIMIZE THE SPREAD OF DUST AND DEBRIS, AND TO PROTECT ADJACENT SPACES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION MATERIAL, IN ACCORDANCE WITH DISTRICT STANDARDS.
5. PULL ANY DEMOLISHED WIRING BACK TO THE NEAREST JUNCTION BOX AND CAP IN ACCORDANCE WITH CODE.
6. PULL ANY DEMOLISHED PLUMBING LINES BACK TO THE NEAREST POINT OF CIRCULATION AND CAP IN ACCORDANCE WITH CODE.
7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
8. COORDINATE SLAB DEMOLITION REQUIREMENTS WITH FINAL FRP REINFORCING DESIGN.

LEGEND

═	EXISTING FRAMED WALL TO REMAIN
▨	EXISTING CMU WALL TO REMAIN
┅	WALL TO BE DEMOLISHED
▩	FLOORING TO BE DEMOLISHED
┆	EXISTING DOOR, FRAME AND ASSOCIATED ACCESSORIES AND ATTACHMENTS TO BE DEMOLISHED
▧	AREA OF NO WORK (NOT IN CONTRACT)

KEYNOTES

D201	PREP (E) CMU WALLS AND CONC. COLUMNS FOR (N) EXTERIOR CONC. SHEARWALLS, TYP.
D202	DEMOLISH (E) FIRE DEPARTMENT CONNECTION EQUIPMENT AT (N) CONC. SHEARWALL, SEE FIRE PROTECTION DRAWINGS
D203	PREP (E) CMU WALL FOR (N) CONC. SHEARWALL
D204	DEMOLISH PORTION OF (E) FLOORING AND CONC. SLAB AT (N) CONC. FOOTING/ FRP FOUNDATION WORK
D205	PREP (E) CMU WALL FOR (N) FRP SHEARWALL REINFORCEMENT PER FRP MANUFACTURE'S REQUIREMENTS
D206	REMOVE (E) RECORD BOARD ABOVE, STORE FOR REUSE
D207	DEMOLISH (E) MIRROR, PREP FOR PAINT
D208	REMOVE (E) PLUMBING FIXTURES AT (N) FRP REINFORCING, STORE FOR REUSE
D209	DEMOLISH (E) ENTRY DOORS AND WINDOWS, PREP OPENING FOR (N) ENTRY DOORS AND WINDOWS
D210	REMOVE (E) LOCKERS, STORE FOR REUSE
D211	DEMOLISH (E) CONC. STAIRS AND LANDING AT (N) ELEVATOR SHAFT, PREP ADJ. CMU WALLS FOR (N) PAINT
D212	DEMOLISH (E) CMU WALL AT (N) ELEVATOR SHAFT
D213	DEMOLISH PORTION OF (E) SLAB AT (N) ELEVATOR, EXCAVATE FOR (N) ELEVATOR PIT, PROVIDE SHORING AS NEEDED
D217	DEMOLISH (E) HM DOOR AND FRAME, PREP ADJACENT (E) CMU FOR PATCH AND PAINT
D218	DEMOLISH (E) CMU WALL AND PORTION OF (E) FOOTING AT (N) ELEVATOR PIT
D219	(E) CMU COLUMN TO REMAIN
D220	DEMOLISH (E) UNIT HEATER, PREP OPENING FOR (N) WALL PATCH
D221	DEMOLISH PORTIONS OF (E) FIRE SPRINKLER VALVE ASSEMBLY AS NEEDED FOR INSTALLATION OF (N) FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DRAWINGS
D222	DEMOLISH (E) CONC. AND CMU LOCKER BASE, PREP FLOOR FOR (N) PAINT
D223	PREP WALLS IN ROOM FOR (N) PAINT
D225	DEMOLISH (E) MECH. LOUVER, PREP OPENING FOR (N) LOUVER
D226	REMOVE (E) CASEWORK, STORE FOR REUSE
D227	DEMOLISH (E) HM DOOR AND FRAME, PREP OPENING FOR (N) CMU WALL PATCH
D228	DEMOLISH PORTION OF (E) CMU WALL, PREP REMAINING CMU FOR PATCH AND PAINT
D229	DEMOLISH (E) HM DOOR, HM FRAME, AND PARTITION WALL, PREP ADJUNCT (E) WALL AND (E) CEILING FOR PATCH AND PAINT
D230	DEMOLISH PORTION OF (E) CMU WALL AT (N) OPENING UP TO TOP OF WALL, PREP ADJACENT (E) CMU FOR (N) DOOR AND PARTITION
D231	REMOVE (E) SHELF AND MIRROR, STORE FOR REUSE, PREP FOR PAINT
D232	REMOVE (E) ILLUMINATED SCHOOL LOGO SIGN, STORE FOR REUSE

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Drawing Title
EXISTING/ DEMOLITION PLAN - LEVEL 1

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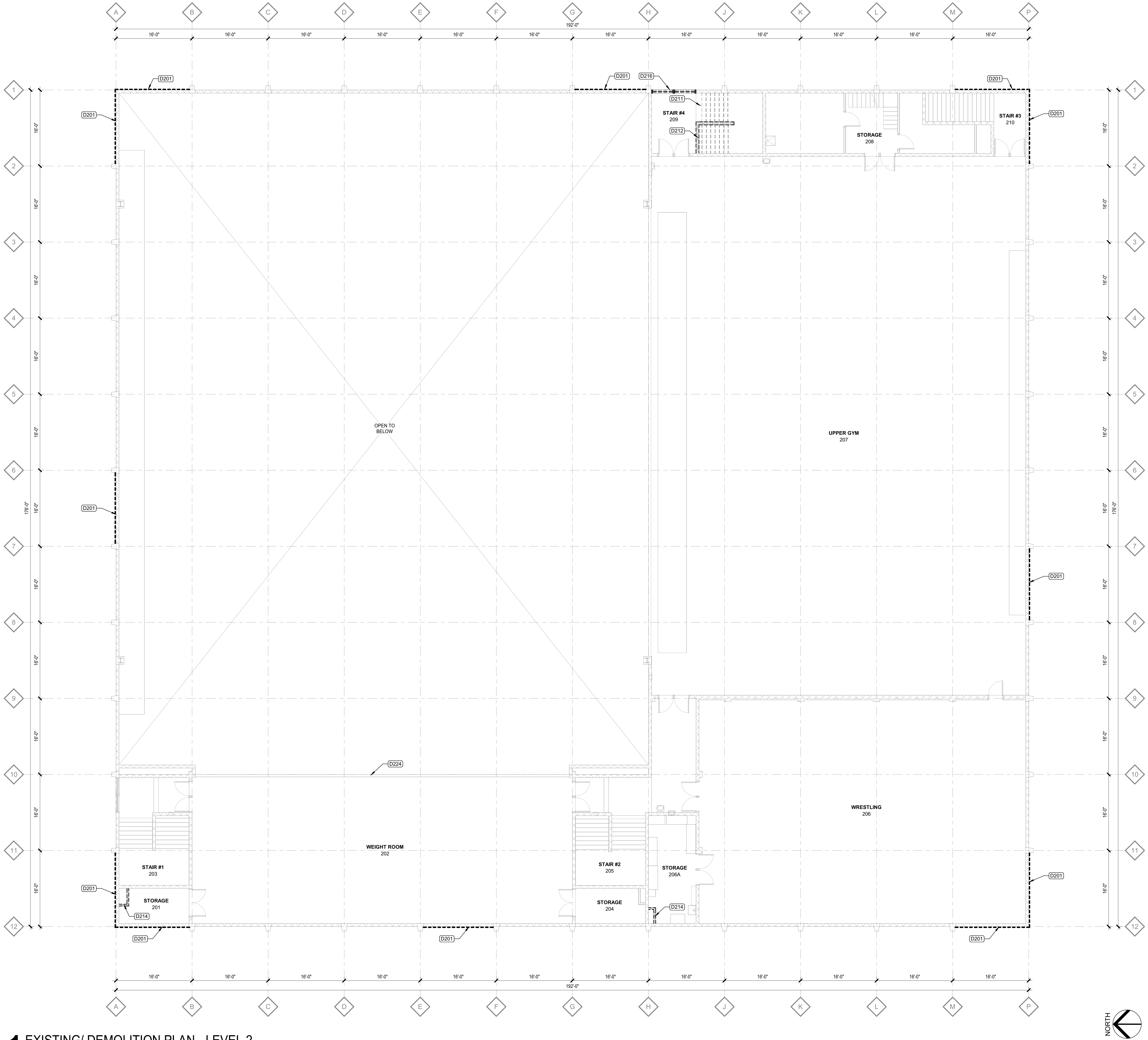

1 EXISTING/ DEMOLITION PLAN - LEVEL 2

1/8" = 1'-0"

SHEET NOTES - DEMOLITION

1. VERIFY EXTENT OF DEMOLITION WITH PROPOSED FLOOR PLANS.
2. PATCH ALL EXISTING WALLS AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.
3. CONTRACTOR SHALL PROVIDE TEMPORARY PARTITION DUST BARRIERS IN ORDER TO MINIMIZE THE SPREAD OF DUST AND DEBRIS, AND TO PROTECT ADJACENT SPACES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION MATERIAL, IN ACCORDANCE WITH DISTRICT STANDARDS.
5. PULL ANY DEMOLISHED WIRING BACK TO THE NEAREST JUNCTION BOX AND CAP IN ACCORDANCE WITH CODE.
6. PULL ANY DEMOLISHED PLUMBING LINES BACK TO THE NEAREST POINT OF CIRCULATION AND CAP IN ACCORDANCE WITH CODE.
7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
8. COORDINATE SLAB DEMOLITION REQUIREMENTS WITH FINAL FRP REINFORCING DESIGN.

LEGEND

═	EXISTING FRAMED WALL TO REMAIN
⊠	EXISTING CMU WALL TO REMAIN
▨	WALL TO BE DEMOLISHED
▨	FLOORING TO BE DEMOLISHED
⌒	EXISTING DOOR, FRAME AND ASSOCIATED ACCESSORIES AND ATTACHMENTS TO BE DEMOLISHED
▨	AREA OF NO WORK (NOT IN CONTRACT)

KEYNOTES

D201	PREP (E) CMU WALLS AND CONC. COLUMNS FOR (N) EXTERIOR CONC. SHEARWALLS, TYP.
D211	DEMOLISH (E) CONC. STAIRS AND LANDING AT (N) ELEVATOR SHAFT, PREP ADJ. CMU WALLS FOR (N) PAINT
D212	DEMOLISH (E) CMU WALL AT (N) ELEVATOR SHAFT
D214	DEMOLISH (E) CHASE AT DUCT
D216	DEMOLISH (E) WINDOWS AND INFILL FRAMING, PREP FOR (N) INFILL FRAMING, (N) DOORS, AND (N) STAIR LANDING
D224	(E) RAILING TO REMAIN

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EXISTING/ DEMOLITION PLAN - LEVEL 2

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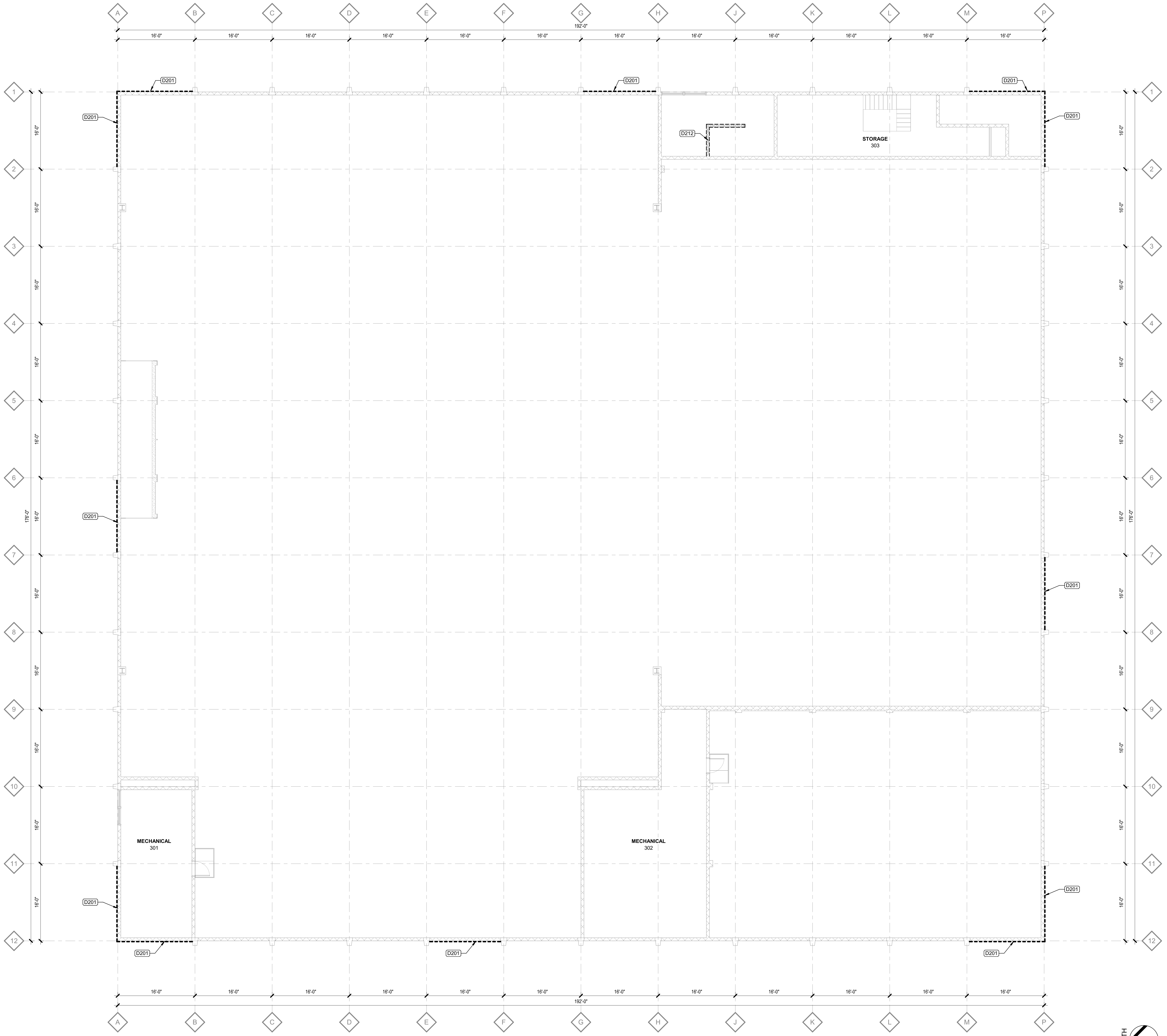

1 EXISTING/ DEMOLITION PLAN - LEVEL 3

1/8" = 1'-0"

SHEET NOTES - DEMOLITION

1. VERIFY EXTENT OF DEMOLITION WITH PROPOSED FLOOR PLANS.
2. PATCH ALL EXISTING WALLS AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.
3. CONTRACTOR SHALL PROVIDE TEMPORARY PARTITION DUST BARRIERS IN ORDER TO MINIMIZE THE SPREAD OF DUST AND DEBRIS, AND TO PROTECT ADJACENT SPACES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION MATERIAL, IN ACCORDANCE WITH DISTRICT STANDARDS.
5. PULL ANY DEMOLISHED WIRING BACK TO THE NEAREST JUNCTION BOX AND CAP IN ACCORDANCE WITH CODE.
6. PULL ANY DEMOLISHED PLUMBING LINES BACK TO THE NEAREST POINT OF CIRCULATION AND CAP IN ACCORDANCE WITH CODE.
7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
8. COORDINATE SLAB DEMOLITION REQUIREMENTS WITH FINAL FRP REINFORCING DESIGN.

LEGEND

═	EXISTING FRAMED WALL TO REMAIN
⊠	EXISTING CMU WALL TO REMAIN
┅	WALL TO BE DEMOLISHED
▩	FLOORING TO BE DEMOLISHED
⌒	EXISTING DOOR, FRAME AND ASSOCIATED ACCESSORIES AND ATTACHMENTS TO BE DEMOLISHED
▨	AREA OF NO WORK (NOT IN CONTRACT)

KEYNOTES

D201	PREP (E) CMU WALLS AND CONC. COLUMNS FOR (N) EXTERIOR CONC. SHEARWALLS, TYP.
D212	DEMOLISH (E) CMU WALL AT (N) ELEVATOR SHAFT

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EXISTING/ DEMOLITION PLAN - LEVEL 3

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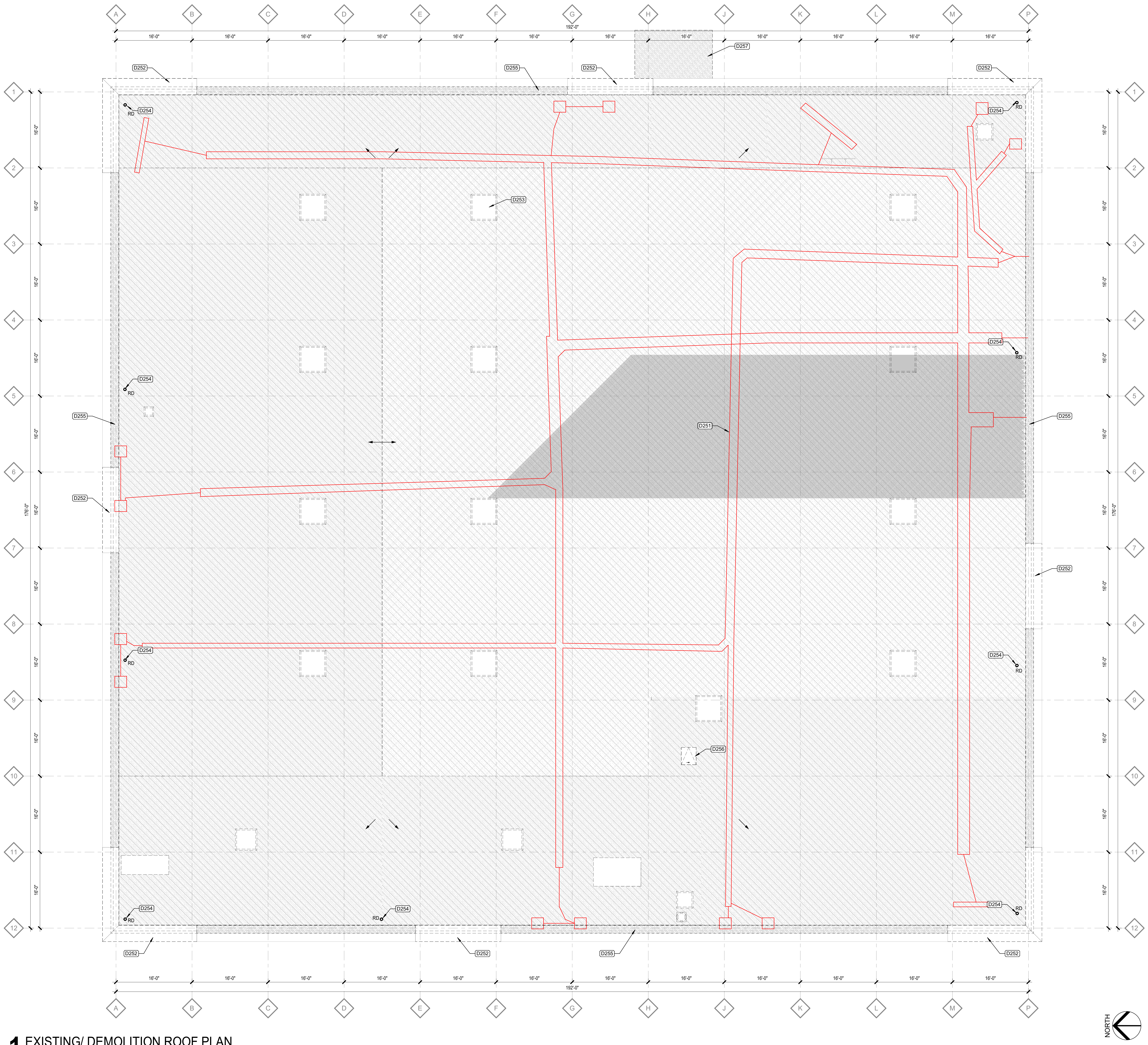

1 EXISTING/ DEMOLITION ROOF PLAN

1/8" = 1'-0"

SHEET NOTES - ROOF DEMO

1. VERIFY EXTENT OF DEMOLITION WITH PROPOSED ROOF PLANS.
2. CONTRACTOR SHALL INSPECT ALL EXISTING ROOFTOP EQUIPMENT TO REMAIN FOR ANY DAMAGE AND SHALL VERIFY REUSE WITH OWNER. ANY EQUIPMENT DEEMED NON -OPERATIONAL OR ABANDONED SHALL BE DEMOLISHED. INFILL OPENINGS AND PREP FOR NEW ROOFING.
3. CONTRACTOR SHALL INSPECT ALL EXISTING FLASHING AND CURBS AT EXISTING EQUIPMENT TO REMAIN FOR ANY DAMAGE THAT WOULD PREVENT THE INSTALLATION OF NEW ROOFING AND SHALL NOTIFY THE ARCHITECT AND DISTRICT OF ANYTHING THAT REQUIRES REPLACEMENT.
4. PREP ALL EXISTING PARAPETS AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION MATERIAL, IN ACCORDANCE WITH DISTRICT STANDARDS.
6. PREP ALL EXISTING EQUIPMENT TO REMAIN FOR NEW ROOF FLASHING.
7. CONTRACTOR SHALL PROTECT EXISTING ROOF STRUCTURE, DUCTWORK, AND CEILING SYSTEMS SCHEDULED TO REMAIN.
8. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.

LEGEND

○ RD	ROOF DRAIN
▭ OS	OVERFLOW SCUPPER
▨	DEMOLISH (E) SINGLE-PLY ROOFING AND INSULATION DOWN TO (E) ROOF DECKING, PREP FOR (N) ROOF ASSEMBLY
▨	AREA OF NO WORK (NOT IN CONTRACT)
→	DIRECTION OF (E) ROOF SLOPE

KEYNOTES

D251	(E) CELLULAR TOWER INFRASTRUCTURE AT ROOF TO BE REMOVED BY CELLULAR COMPANIES PRIOR TO COMMENCEMENT OF WORK, N.I.C.
D252	DEMOLISH PORTION OF (E) MANSARD PARAPET AT (N) CONC. SHEARWALLS
D253	REMOVE (E) ROOFTOP MECH. EQUIPMENT, STORE FOR REUSE, DEMOLISH (E) CURB, SEE MECH., TYP.
D254	DEMOLISH (E) ROOF DRAIN, PREP DRAIN PIPE FOR (N) ROOF DRAIN
D255	DEMOLISH PORTION OF (E) MANSARD PARAPET AND (E) ROOF CRICKETS AS NEEDED TO PERFORM (N) ROOF-TO-WALL CONNECTION, TYP.
D256	REMOVE (E) ROOF HATCH, STORE FOR REUSE
D257	DEMOLISH (E) CANOPY ROOF STRUCTURE BELOW

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Drawing Title
**EXISTING/
DEMOLITION ROOF
PLAN**

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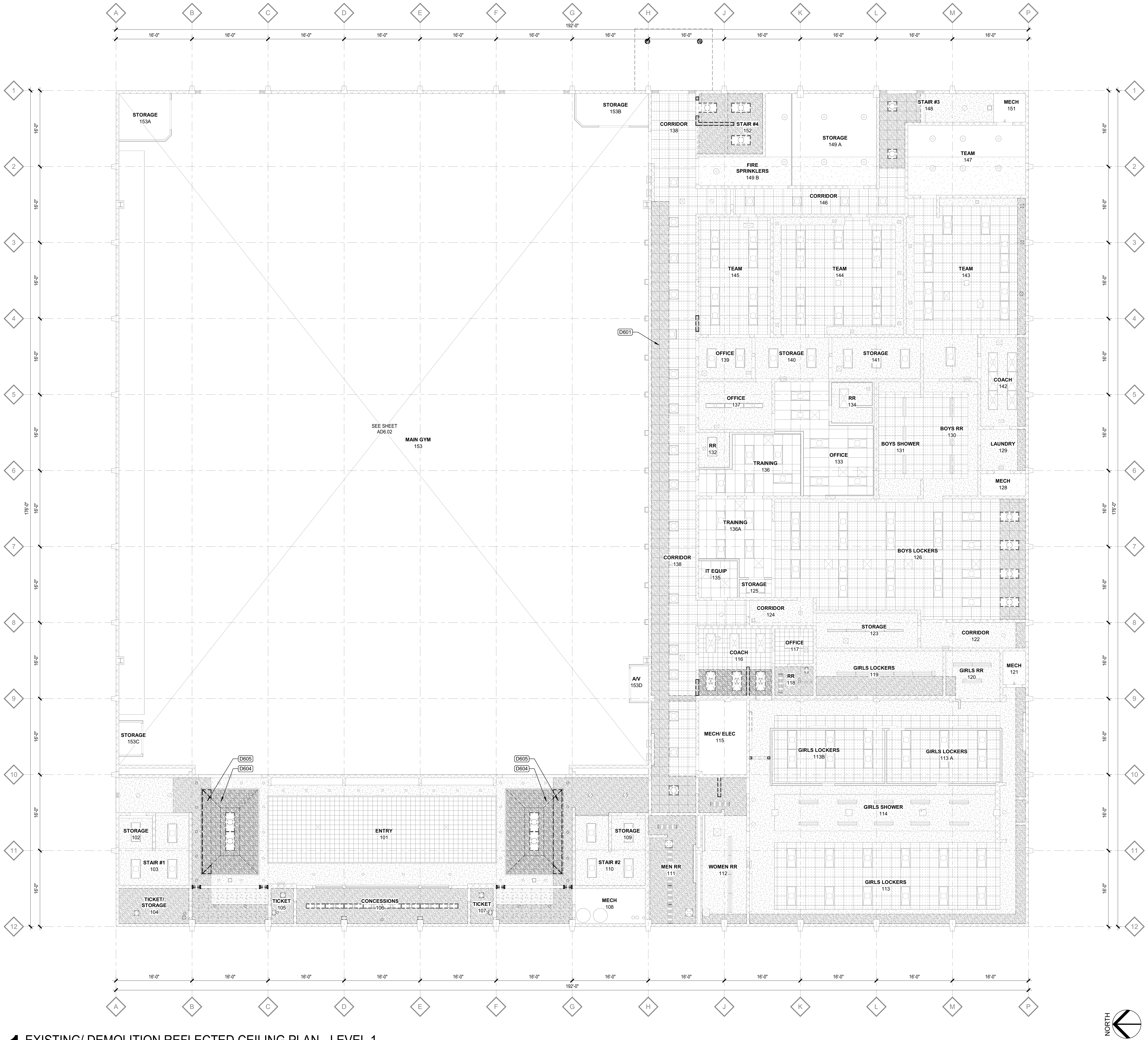

1 EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 1

1/8" = 1'-0"

SHEET NOTES - DEMO RCP

1. VERIFY EXTENT OF DEMOLITION WITH PROPOSED FLOOR PLANS.
2. PATCH ALL EXISTING WALLS AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.
3. CONTRACTOR SHALL PROVIDE TEMPORARY PARTITION DUST BARRIERS IN ORDER TO MINIMIZE THE SPREAD OF DUST AND DEBRIS, AND TO PROTECT ADJACENT SPACES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION MATERIAL, IN ACCORDANCE WITH DISTRICT STANDARDS.
5. PULL ANY DEMOLISHED WIRING BACK TO THE NEAREST JUNCTION BOX AND CAP IN ACCORDANCE WITH CODE.
6. PULL ANY DEMOLISHED PLUMBING LINES BACK TO THE NEAREST POINT OF CIRCULATION AND CAP IN ACCORDANCE WITH CODE.
7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
8. SEE ELECTRICAL DRAWINGS FOR ONE-TO-ONE LIGHT FIXTURE REPLACEMENT SCOPE.
9. ADDITIONAL CEILING DEMOLITION REQUIRED AT INTERSTITIAL SPACE BETWEEN LOWER CEILINGS AND FRAMING/ SLAB TO COMPLETE STRUCTURAL IMPROVEMENTS. FIELD VERIFY EXTENT OF CEILING DEMOLITION AT BOTTOM OF FRAMING/ SLAB.

LEGEND - DEMO RCP

═	EXISTING FRAMED WALL TO BE REMAIN
⊠	EXISTING CMU WALL TO REMAIN
▨	WALL TO BE DEMOLISHED
▨	GYP BD CEILING / SOFFIT TO BE DEMOLISHED
▨	2 X 4 ACOUSTIC CEILING TILE (ACT) GRID TO BE DEMOLISHED, STORE ACT PANELS FOR REUSE
▦	PEGBOARD ACOUSTIC CEILING TO BE DEMOLISHED
▦	ADHERED CEILING TILE TO BE DEMOLISHED
▨	STUCCO SOFFIT TO BE DEMOLISHED
▨	AREA OF NO WORK (NOT IN CONTRACT)
⊠	AIR TERMINAL TO BE DEMOLISHED
⊙	LIGHT FIXTURE TO BE REMOVED/ DEMOLISHED, STORE LIGHTS TO BE REUSED

KEYNOTES

D601	DEMOLISH (E) CEILING GRID AND CEILING TILES AT (N) SHEARWALLS, TYP.
D604	DEMOLISH (E) ADHERED CEILING TILES, PREP FOR (N) GYP BD FINISH
D605	DEMOLISH (E) ADHERED CEILING TILES AND CEILING FRAMING AT (N) SHEARWALL

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EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 1

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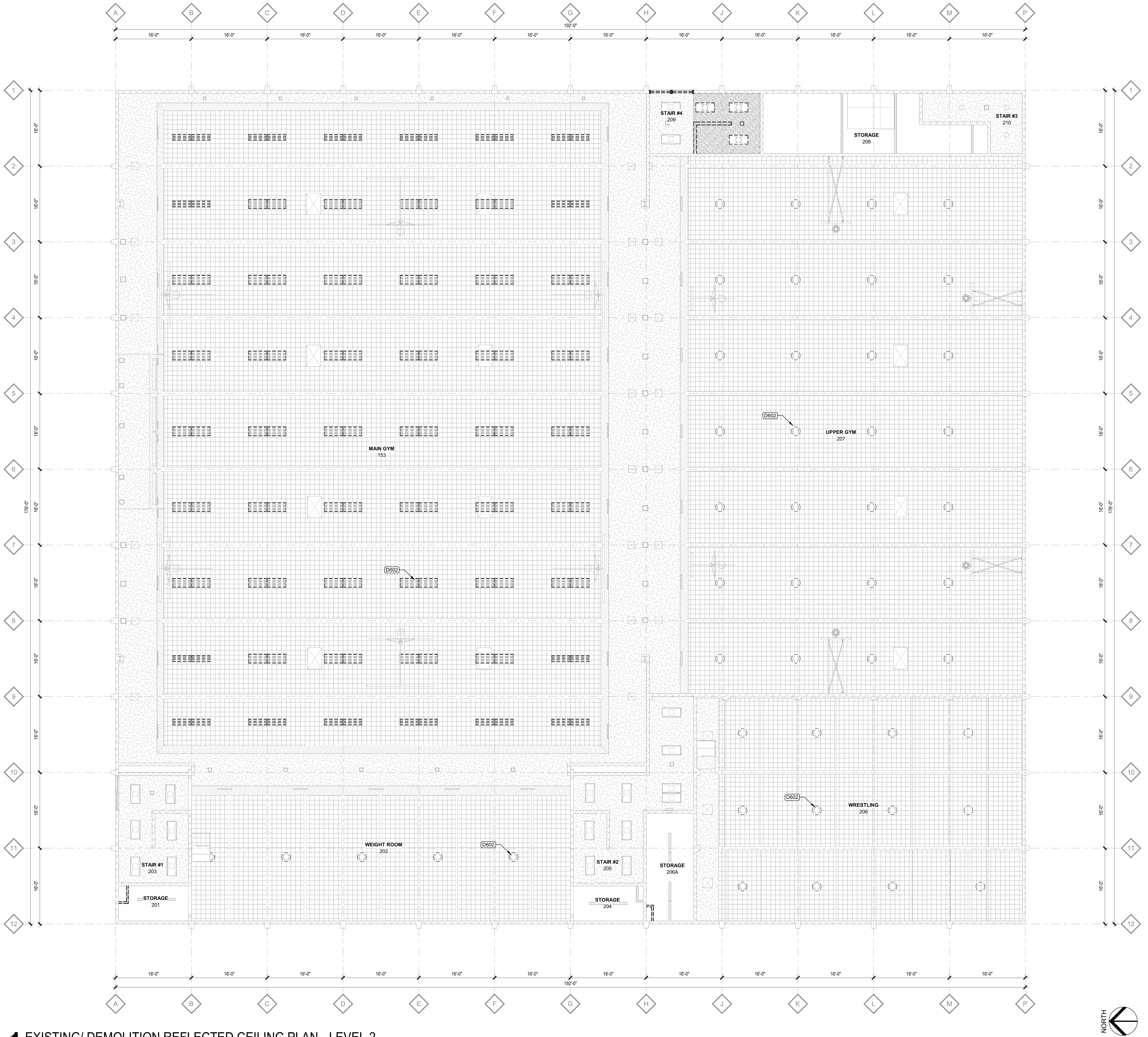

1 EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 2

1/8" = 1'-0"

SHEET NOTES - DEMO RCP

1. VERIFY EXTENT OF DEMOLITION WITH PROPOSED FLOOR PLANS.
2. PATCH ALL EXISTING WALLS AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.
3. CONTRACTOR SHALL PROVIDE TEMPORARY PARTITION DUST BARRIERS IN ORDER TO MINIMIZE THE SPREAD OF DUST AND DEBRIS, AND TO PROTECT ADJACENT SPACES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION MATERIAL, IN ACCORDANCE WITH DISTRICT STANDARDS.
5. PULL ANY DEMOLISHED WIRING BACK TO THE NEAREST JUNCTION BOX AND CAP IN ACCORDANCE WITH CODE.
6. PULL ANY DEMOLISHED PLUMBING LINES BACK TO THE NEAREST POINT OF CIRCULATION AND CAP IN ACCORDANCE WITH CODE.
7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
8. SEE ELECTRICAL DRAWINGS FOR ONE-TO-ONE LIGHT FIXTURE REPLACEMENT SCOPE.
9. ADDITIONAL CEILING DEMOLITION REQUIRED AT INTERSTITIAL SPACE BETWEEN LOWER CEILINGS AND FRAMING/ SLAB TO COMPLETE STRUCTURAL IMPROVEMENTS. FIELD VERIFY EXTENT OF CEILING DEMOLITION AT BOTTOM OF FRAMING/ SLAB.

LEGEND - DEMO RCP

═	EXISTING FRAMED WALL TO BE REMAIN
⊠	EXISTING CMU WALL TO REMAIN
▨	WALL TO BE DEMOLISHED
▨	GYP BD CEILING / SOFFIT TO BE DEMOLISHED
▨	2 X 4 ACOUSTIC CEILING TILE (ACT) GRID TO BE DEMOLISHED, STORE ACT PANELS FOR REUSE
▦	PEGBOARD ACOUSTIC CEILING TO BE DEMOLISHED
▦	ADHERED CEILING TILE TO BE DEMOLISHED
▨	STUCCO SOFFIT TO BE DEMOLISHED
▨	AREA OF NO WORK (NOT IN CONTRACT)
⊠	AIR TERMINAL TO BE DEMOLISHED
⊕	LIGHT FIXTURE TO BE REMOVED/ DEMOLISHED, STORE LIGHTS TO BE REUSED

KEYNOTES

D602	DEMOLISH (E) LIGHT FIXTURES, PREP FOR (N) LIGHT FIXTURES, SEE ELEC.

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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Stamp

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ASHLAND, OREGON

Project

MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

Consultant

Revisions

No.	Description	Date

Date	**04/01/24**
Job No.	**23_40**
Drawn By	**Author**
Checked By	**Checker**

100% CD

Date
04/01/24

Project Number
23_40

Drawing Title
EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 2

Sheet No
AD6.02

DATE 4/2/2024 8:49:41 AM
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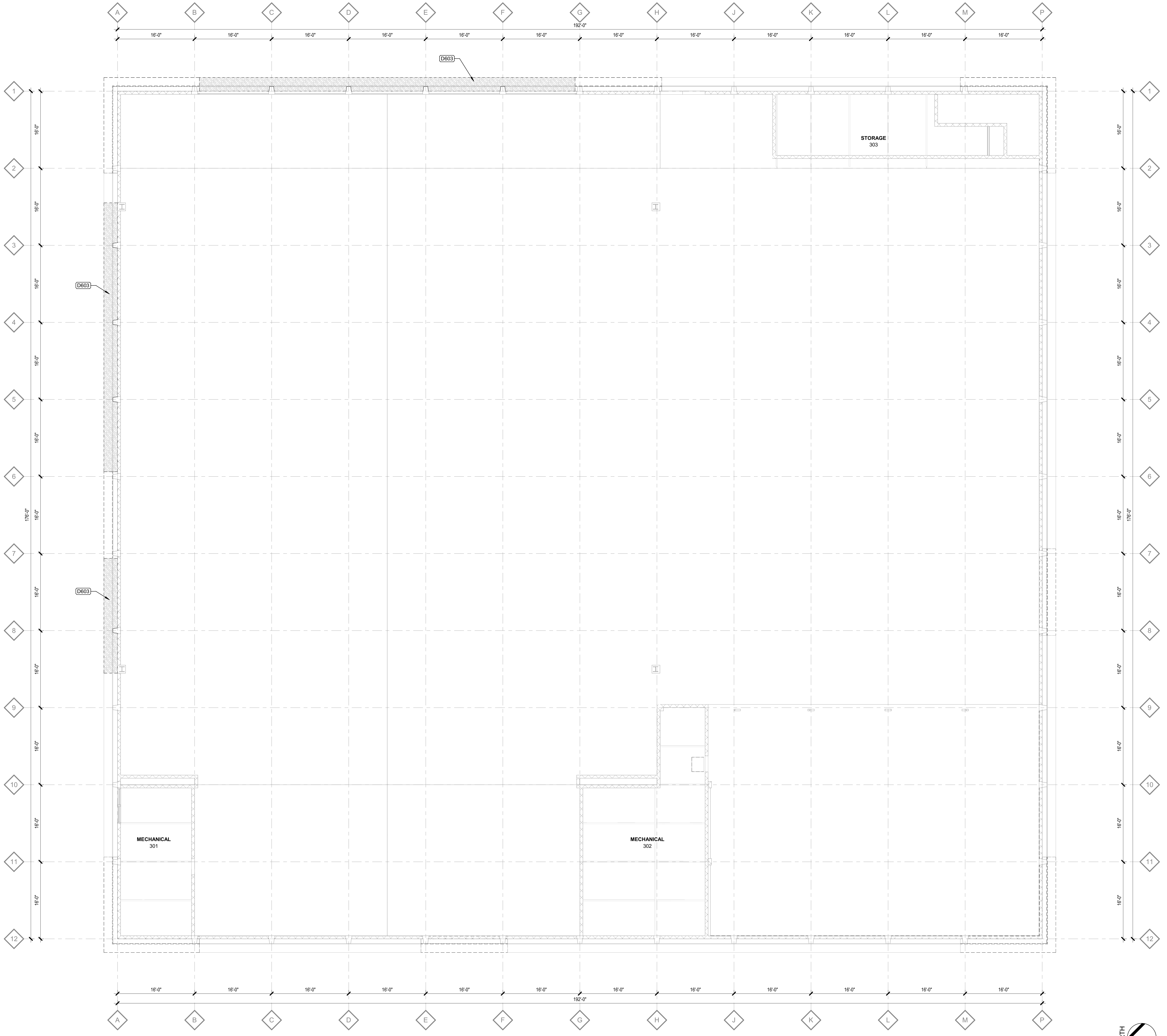

1 EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 3

1/8" = 1'-0"

NORTH

SHEET NOTES - DEMO RCP

1. VERIFY EXTENT OF DEMOLITION WITH PROPOSED FLOOR PLANS.
2. PATCH ALL EXISTING WALLS AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FINISHES.
3. CONTRACTOR SHALL PROVIDE TEMPORARY PARTITION DUST BARRIERS IN ORDER TO MINIMIZE THE SPREAD OF DUST AND DEBRIS, AND TO PROTECT ADJACENT SPACES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLITION MATERIAL, IN ACCORDANCE WITH DISTRICT STANDARDS.
5. PULL ANY DEMOLISHED WIRING BACK TO THE NEAREST JUNCTION BOX AND CAP IN ACCORDANCE WITH CODE.
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7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
8. SEE ELECTRICAL DRAWINGS FOR ONE-TO-ONE LIGHT FIXTURE REPLACEMENT SCOPE.
9. ADDITIONAL CEILING DEMOLITION REQUIRED AT INTERSTITIAL SPACE BETWEEN LOWER CEILINGS AND FRAMING/ SLAB TO COMPLETE STRUCTURAL IMPROVEMENTS. FIELD VERIFY EXTENT OF CEILING DEMOLITION AT BOTTOM OF FRAMING/ SLAB.

LEGEND - DEMO RCP

═	EXISTING FRAMED WALL TO BE REMAIN
⊠	EXISTING CMU WALL TO REMAIN
┅	WALL TO BE DEMOLISHED
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▨	STUCCO SOFFIT TO BE DEMOLISHED
▧	AREA OF NO WORK (NOT IN CONTRACT)
⊠	AIR TERMINAL TO BE DEMOLISHED
⊕	LIGHT FIXTURE TO BE REMOVED/ DEMOLISHED, STORE LIGHTS TO BE REUSED

KEYNOTES

D603	DEMOLISH (E) SOFFIT PANEL AND SHINGLES AT (E) STEEL GIRDER AND GLU-LAM BEAM AS NEEDED TO PERFORM STRUCTURAL IMPROVEMENTS

CITY OF MEDFORD
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05/03/24

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Project

Consultant

Revisions

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Checked By	Checker

100% CD

Date
04/01/24

Project Number
23_40

Drawing Title
EXISTING/ DEMOLITION REFLECTED CEILING PLAN - LEVEL 3

Sheet No
AD6.03

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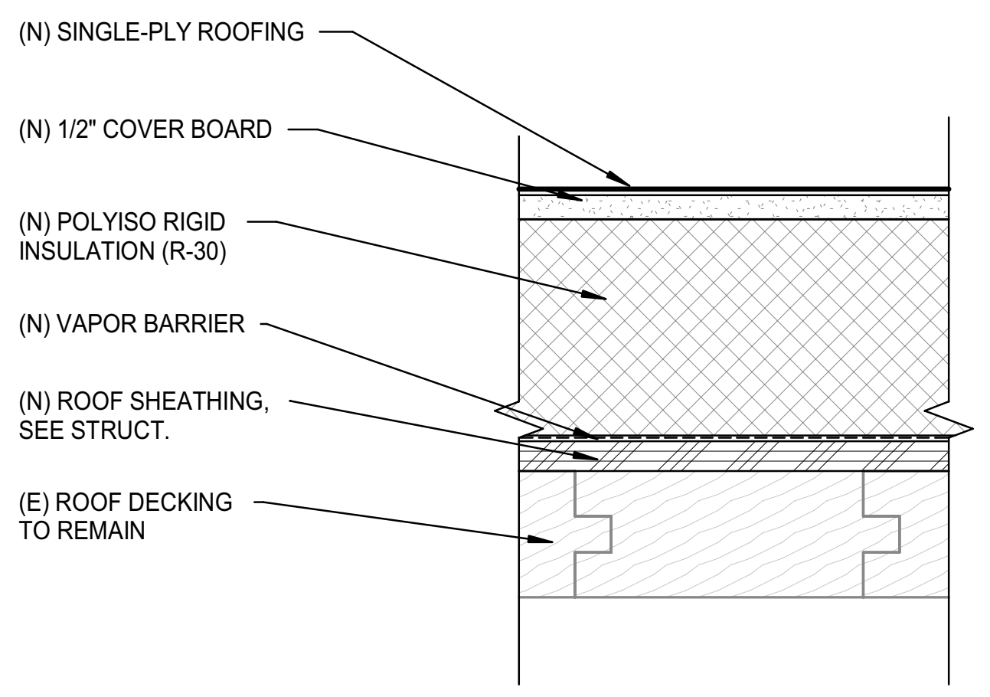
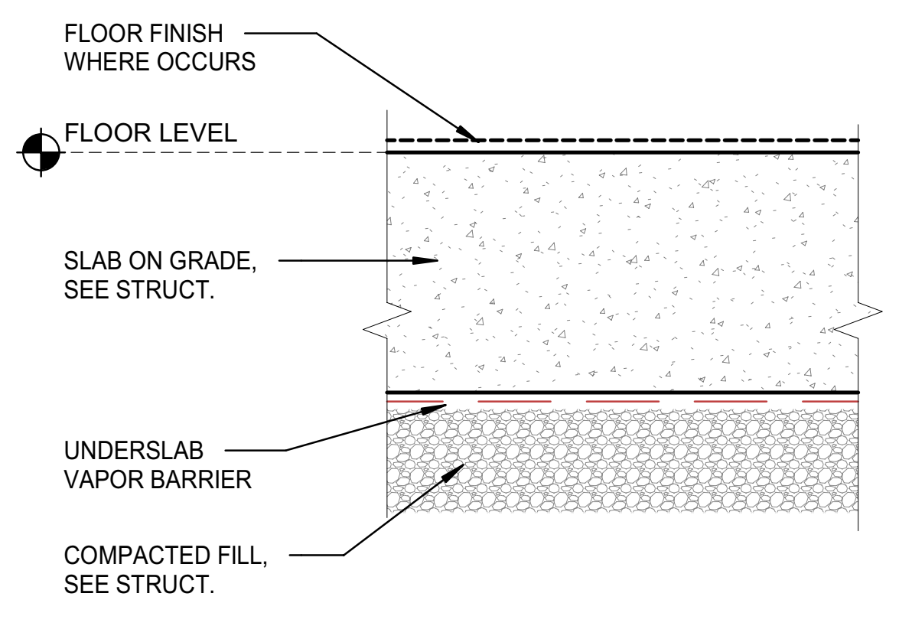
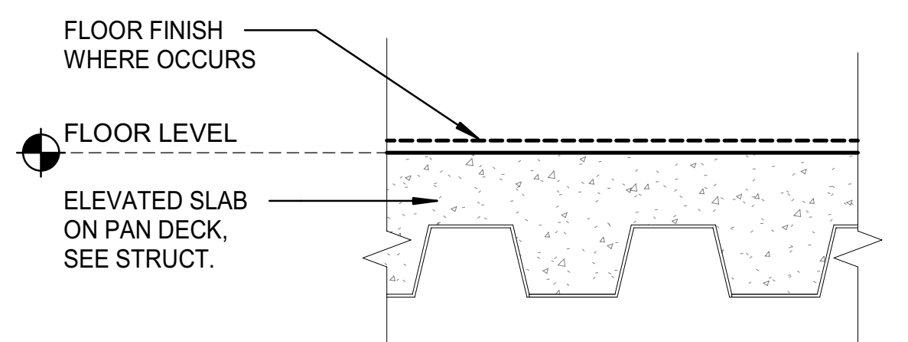

(N) SINGLE-PLY ROOFING
(N) 1/2" COVER BOARD
(N) POLYISO RIGID INSULATION (R-30)
(N) VAPOR BARRIER
(N) ROOF SHEATHING, SEE STRUCT.
(E) ROOF DECKING TO REMAIN

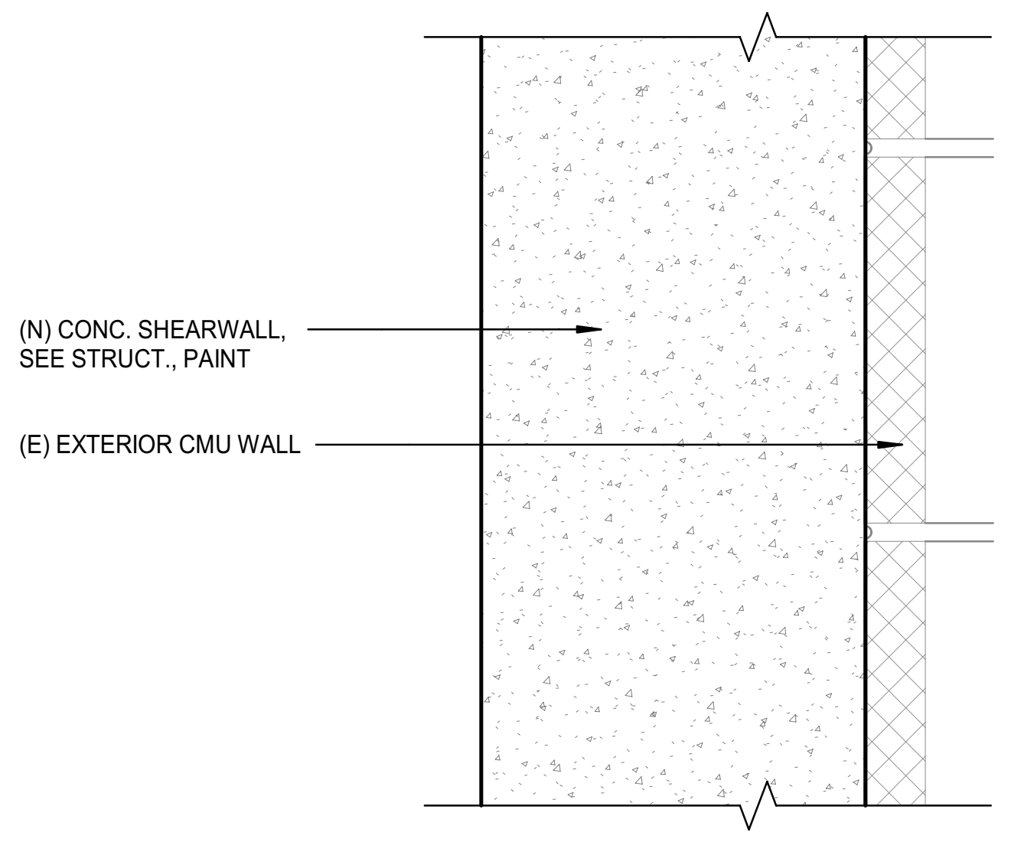
XR1 ROOF TYPE 'XR01'
3" = 1'-0"


FLOOR FINISH WHERE OCCURS
FLOOR LEVEL
SLAB ON GRADE, SEE STRUCT.
UNDERSLAB VAPOR BARRIER
COMPACTED FILL, SEE STRUCT.

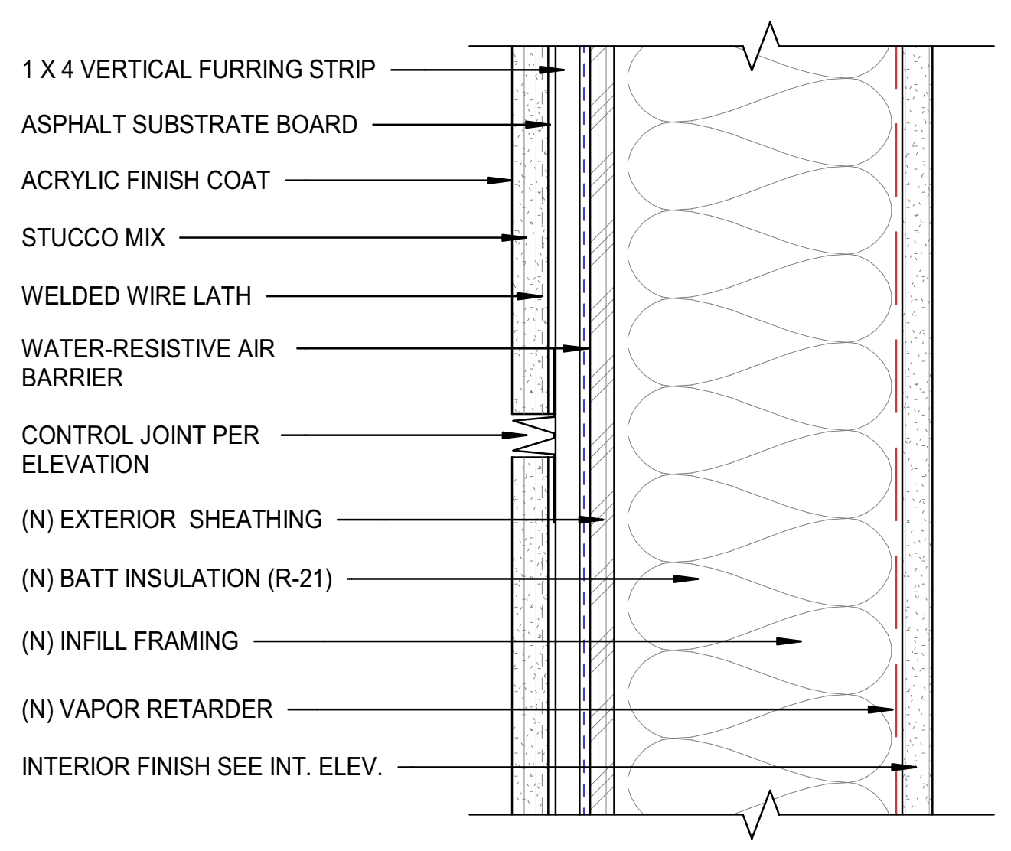
F1 FLOOR ASSEMBLY - CONC. SLAB
3" = 1'-0"


FLOOR FINISH WHERE OCCURS
FLOOR LEVEL
ELEVATED SLAB ON PAN DECK, SEE STRUCT.

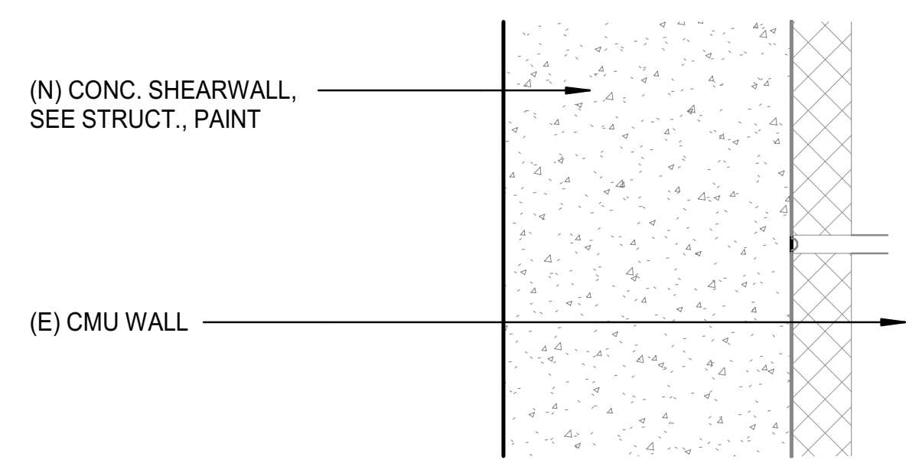
F2 FLOOR ASSEMBLY - PAN DECK
3" = 1'-0"



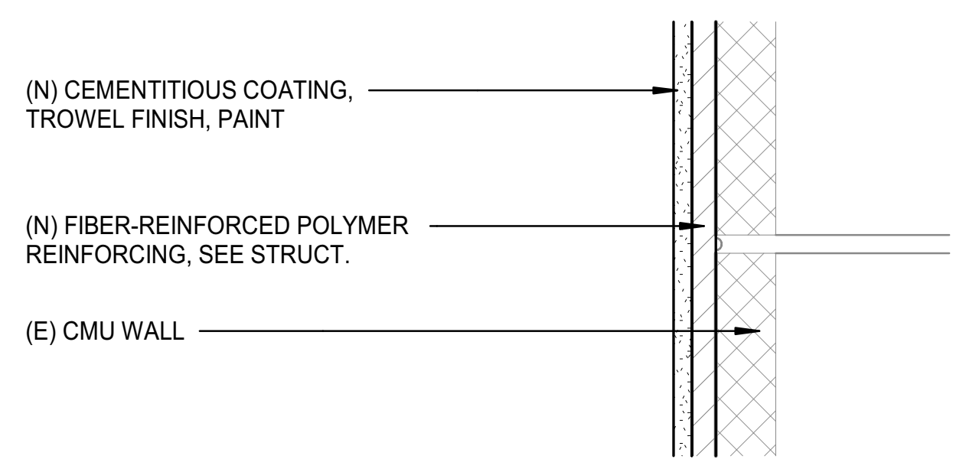
XW1 EXT. WALL TYPE 'XW1'
3" = 1'-0"


1 X 4 VERTICAL FURRING STRIP
ASPHALT SUBSTRATE BOARD
ACRYLIC FINISH COAT
STUCCO MIX
WELDED WIRE LATH
WATER-RESISTIVE AIR BARRIER
CONTROL JOINT PER ELEVATION
(N) EXTERIOR SHEATHING
(N) BATT INSULATION (R-21)
(N) INFILL FRAMING
(N) VAPOR RETARDER
INTERIOR FINISH SEE INT. ELEV.

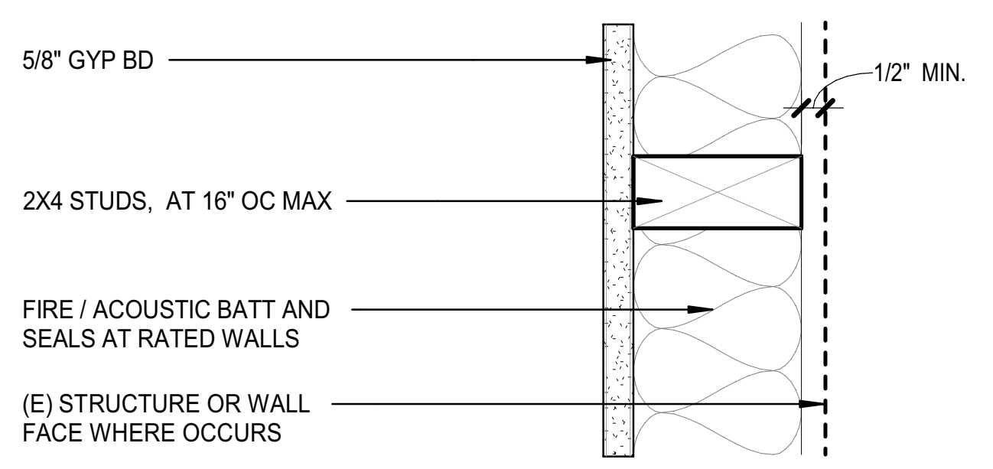
XW2 EXT. WALL TYPE 'XW2'
3" = 1'-0"



WS1 PARTITION TYPE 'WS1'
3" = 1'-0"

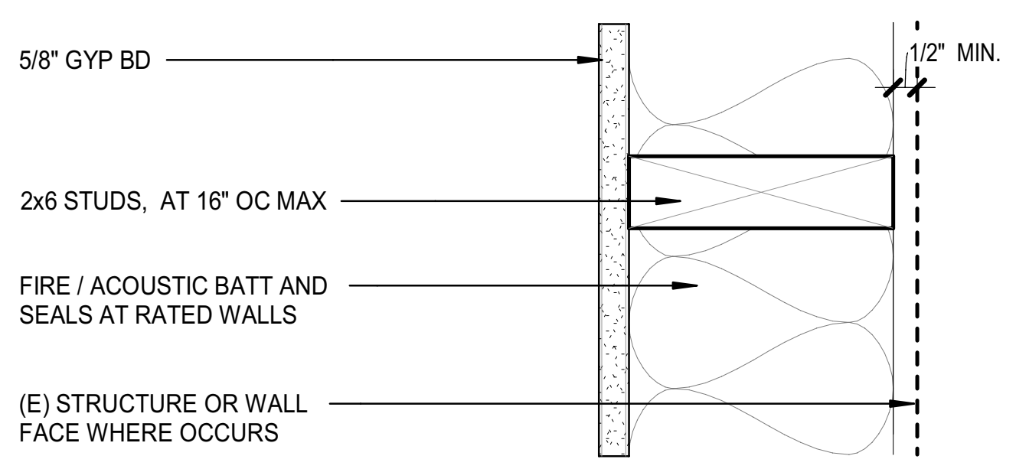

(N) CEMENTITIOUS COATING, TROWEL FINISH, PAINT
(N) FIBER-REINFORCED POLYMER REINFORCING, SEE STRUCT.
(E) CMU WALL

WS2 PARTITION TYPE 'WS2'
3" = 1'-0"


5/8" GYP BD
1/2" MIN.
2X4 STUDS, AT 16" OC MAX
FIRE / ACOUSTIC BATT AND SEALS AT RATED WALLS
(E) STRUCTURE OR WALL FACE WHERE OCCURS

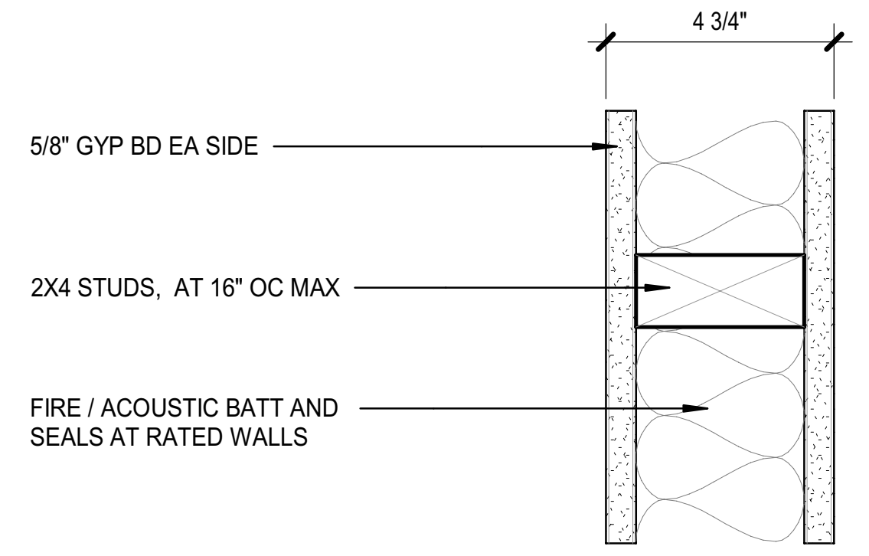
AT RATED LOCATIONS: N/A
AT ACOUSTIC WALLS: STC RATING: N/A

WF1 PARTITION TYPE 'WF1'
3" = 1'-0"


5/8" GYP BD
1/2" MIN.
2x6 STUDS, AT 16" OC MAX
FIRE / ACOUSTIC BATT AND SEALS AT RATED WALLS
(E) STRUCTURE OR WALL FACE WHERE OCCURS

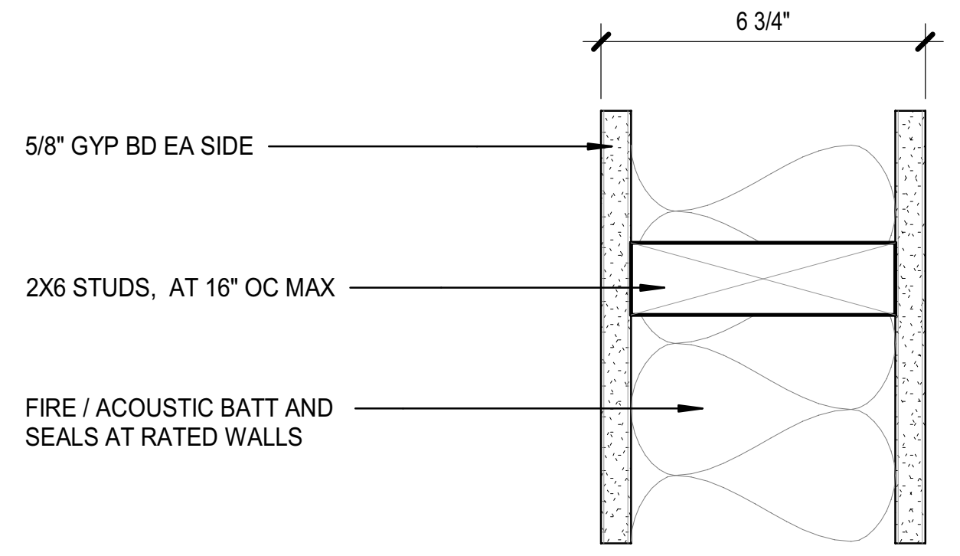
AT RATED LOCATIONS: N/A
AT ACOUSTIC WALLS: STC RATING: N/A

WF2 PARTITION TYPE 'WF2'
3" = 1'-0"



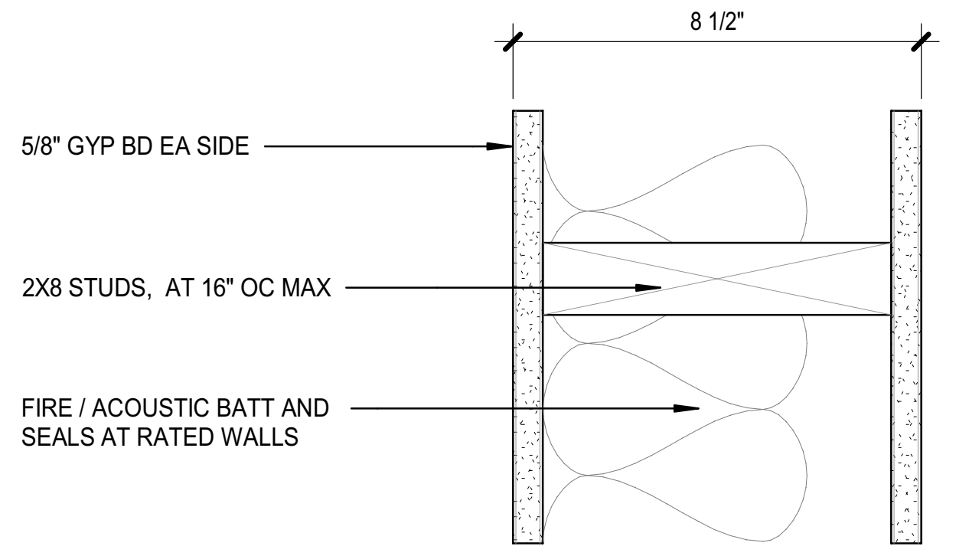
AT RATED LOCATIONS: N/A
AT ACOUSTIC WALLS: STC RATING: N/A

W1 PARTITION TYPE 'W1'
3" = 1'-0"



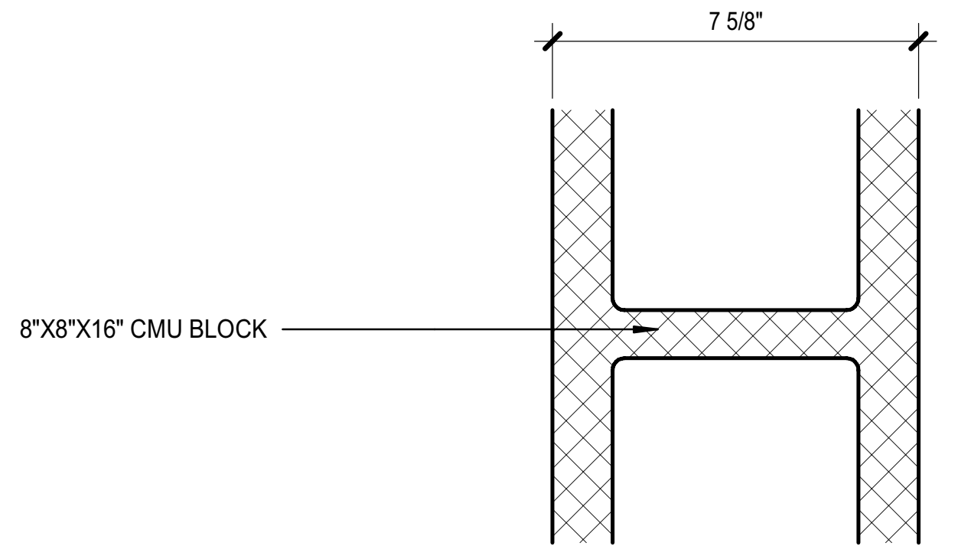
AT RATED LOCATIONS: 1 HR - FIRE TEST: U305
AT ACOUSTIC WALLS: STC RATING: 33 - SOUND TEST: USG-151234

W2.1 PARTITION TYPE 'W2.1'
3" = 1'-0"



AT RATED LOCATIONS: 1 HR - FIRE TEST: U305
AT ACOUSTIC WALLS: STC RATING: 35 - SOUND TEST: USG-161214

W3.1 PARTITION TYPE 'W3.1'
3" = 1'-0"



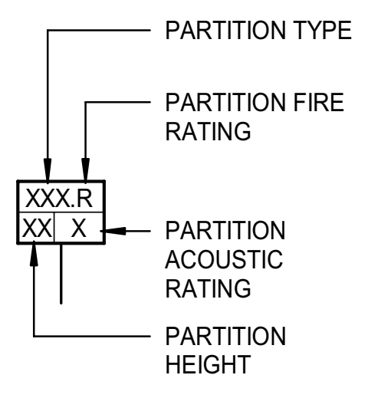
AT RATED LOCATIONS: N/A
AT ACOUSTIC WALLS: STC RATING: N/A

W4 PARTITION TYPE 'W4'
3" = 1'-0"

SHEET NOTES

1. DIMENSIONS ARE GENERALLY PROVIDED WITH REFERENCE TO NEAREST GRIDLINE WITHIN THAT QUADRANT OR AREA.
2. ALL DIMENSIONS ARE FACE OF STUD (F.O.S.) UNLESS OTHERWISE NOTED.
3. DIMENSION STRINGS ARE TO BE RECONCILED TO COLUMN GRIDLINES AT EACH INTERSECTION WITH A PERPENDICULAR RUN OF PLAN DIMENSIONS.
4. F.O.S. DIMENSION FROM COLUMN CENTERLINE FOR PRIMARY CORRIDOR WALLS TO BE VERIFIED DURING LAYOUT TO ASSURE REQUIRED AND/OR PRESCRIBED CLEARANCES FOR FRAMING, FIRESTOP DETAILS AT TOP OF WALL, DOOR POCKETS AND WALL RECESSES ARE ACCOMMODATED FOLLOWING LAYOUT OF BOTTOM PLATE. ASSUMPTIONS ARE: BOTTOM PLATE IS FIRST LAYOUT COMPONENT, FOLLOWED BY TOP PLATE AND THEN VERTICAL STUD FRAMING INCLUDING KING STUDS, ETC. THEREFORE, ACCOMMODATION OF REQUIRED CLEARANCES IS TO BE CONFIRMED FOLLOWING LAYOUT OF BOTTOM PLATE.
5. E.O.S. DIMENSIONS AT OPENINGS IN SLAB-ON-GRADE (S.O.G.) OR SLAB-ON-METAL-DECK (S.O.M.D.) AND F.O.S. DIMENSIONS WHERE INTENT IS TO ALIGN FACE OF STUD (F.O.S.) WITH E.O.S. DIMENSIONS (E.G. ELEVATOR SHAFTS, STAIR OPENINGS AND MECHANICAL SHAFTS, ETC.). CONTRACTOR SHALL COORDINATE LAYOUT WITH RESPECT TO REQUIREMENTS OF SUCH OPENINGS AS INDICATED ON PARTITION TYPES AND ARCHITECTURAL DETAILS SUCH AS, BUT NOT LIMITED TO, FLOOR/CEILING PENETRATION DETAILS.
6. ALIGN NEW WALL FRAMING, INFILL FRAMING, AND SOFFIT FRAMING WITH EXISTING WALLS SO FINAL FACE OF FINISH IS FLUSH WITH EXISTING.
7. ALIGN REPLACEMENT WALL FRAMING, INFILL FRAMING, AND SOFFIT FRAMING WITH ORIGINAL FRAMING, UON.
8. ALL 'MINIMUM" OR "CLEAR" DIMENSIONS SHALL BE MAINTAINED. ALL OTHER "MINIMUM" AND "CLEAR" DIMENSIONS NOTED ON PLAN ARE TO BE MAINTAINED. ACCESSIBILITY AND OTHER CODE REQUIRED MINIMUM DIMENSIONS ARE TO BE MAINTAINED AND FINAL CONFORMING LAYOUT VERIFICATIONS ARE THE CONTRACTORS RESPONSIBILITY.
9. FIXED DIMENSIONS NOTED OUTSIDE THESE AREAS AND NOT NOTED AS "MINIMUM" OR "CLEAR" DIMENSIONS MAY BE ASSUMED TO HAVE A TOLERANCE OF +/- 1/4".
10. WALL LOCATIONS NOT SPECIFICALLY DIMENSIONED BUT IN CLOSE RELATIVE LOCATION TO DIMENSIONED WALLS ARE TO BE ALIGNED FLUSH. ARCHITECT TO PROVIDE CLARIFICATION AT AREAS OF CONCERN.
11. WHERE TWO CORRIDORS INTERSECT, IT IS TO BE ASSUMED THAT THE WALL FACES ACROSS THE INTERSECTING CORRIDOR SHOULD CONTINUE IN ALIGNMENT (KEEPING A CONSISTENT CORRIDOR WIDTH).
12. FRAMING:
    - A. NON-BEARING INTERIOR PARTITIONS SHALL BE CAPABLE OF SUPPORTING EQUIPMENT AND FURNISHINGS SPECIFIED FOR THE BUILDING. FOR INTERIOR PARTITION FRAMING USE MINIMUM 2X4 WOOD STUDS. STUD SPACING SHALL BE 16-INCHES ON CENTER MAXIMUM. FOR SPECIAL REQUIREMENTS, USE OTHER SIZES OR SYSTEMS AS APPROPRIATE. WHERE PIPE SPACES ARE REQUIRED, SIZE PARTITION FRAMING THICKNESS TO CONCEAL PIPING. PROVIDE SUPPORT REQUIRED FOR EQUIPMENT, FURNISHINGS, AND WORK OF OTHER TRADES.
13. SHEATHING:
    - A. USE 5/8-INCH THICK TYPE X GYPSUM, WATER RESISTANT CORE WALLBOARD ASTM C1396, EXCEPT FOR SPECIAL CONDITIONS. USE FIRE RESISTANT TYPE X WALLBOARD ASTM C1396 IN FIRE RESISTANT RATED ASSEMBLIES. USE MOISTURE RESISTANT GLASS FIBER REINFORCED CONCRETE BACKING WALLBOARD ASTM C1325 AT WET LOCATIONS SUCH AS SHOWERS REQUIRING THE APPLICATION OF TILE. USE MOISTURE RESISTANT GLASS MAT PANELS ASTM C1658 BEHIND TILE AT NON-WET AREAS AND PAINTED AREAS SUBJECT TO MOISTURE.
14. FINISH:
    - A. PROVIDE ACCESSORIES, FASTENERS, AND FINISHING MATERIALS IN ACCORDANCE WITH ASTM C1047, C1002, AND C840. INSTALL AND FINISH GYPSUM WALLBOARD IN ACCORDANCE WITH ASTM C840. USE LEVEL 4 FINISH FOR ALL OCCUPIED AREAS WITH PAINT FINISH. PROVIDE LEVEL 3 FINISH FOR SURFACES TO RECEIVE WALL COVERINGS. PROVIDE LEVEL 2 FINISH IN ROOMS OR SPACES FOR WHICH NO DECORATIVE FINISH IS SPECIFIED.
15. RATED:
    - A. PROVIDE FIRE AND/OR SMOKE RATED PARTITIONS THAT COMPLY WITH PUBLISHED UL, FM GLOBAL, OR IBC DESIGNS.
16. FIREBLOCKING:
    - A. PROVIDE 2X OR 3/4" PLYWOOD FIREBLOCKING PER OSSC SEC 718, IN CONCEALED SPACES: AT CEILING AND FLOOR LEVELS, HORIZONTALLY AND VERTICALLY AT INTERVALS NOT GREATER THAT 10'.

LEGEND



PARTITION FIRE RATING:

BLANK	NON RATED
.S	SMOKE 1 HOUR RATED.
.1	1 HOUR RATED.
.2	2 HOUR RATED.

PARTITION HEIGHT:

BLANK	GYP BD TERMINATE 6" ABOVE FINISHED CEILING.
A	BOTH SIDES OF GYP BD TO U/S OF DECK
B	ONE SIDE OF GYP BD EXTEND TO U/S OF DECK
XX	PARTIAL WALL HEIGHT (IN INCHES)

PARTITION ACOUSTIC RATING:

XX	ACOUSTIC WALL (SPECIFIC STC RATING); SOUND BATT FULL CAVITY WIDTH AND HEIGHT

CITY OF MEDFORD
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Sam Barnum
05/03/24

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REGISTERED ARCHITECT
CHRISTOPHER PLUMMER BROWN
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ASHLAND, OREGON
STATE OF OREGON

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EXTERIOR / INTERIOR ASSEMBLIES

Sheet No
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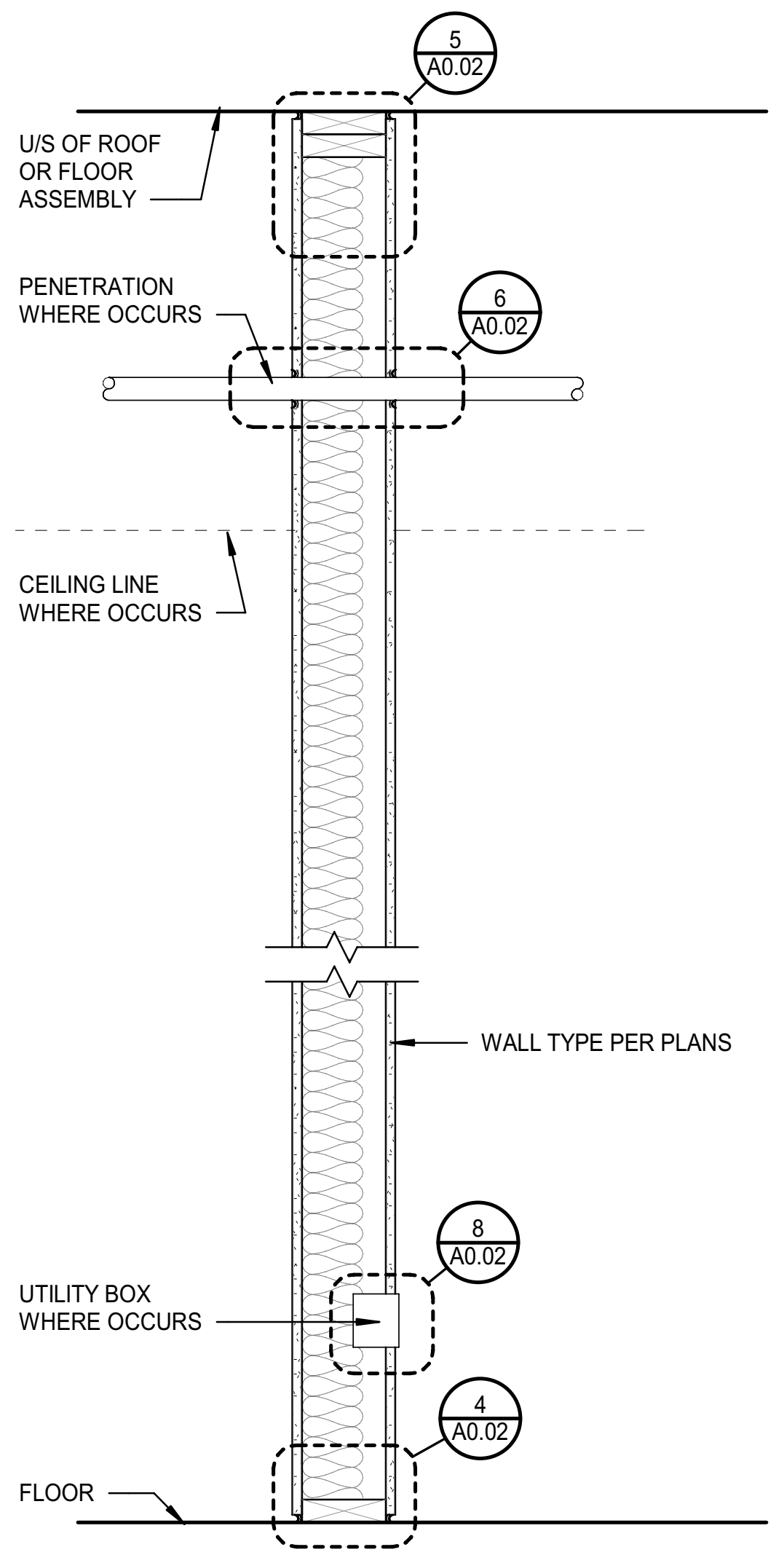


U/S OF ROOF OR FLOOR ASSEMBLY

PENETRATION WHERE OCCURS

CEILING LINE WHERE OCCURS

WALL TYPE PER PLANS

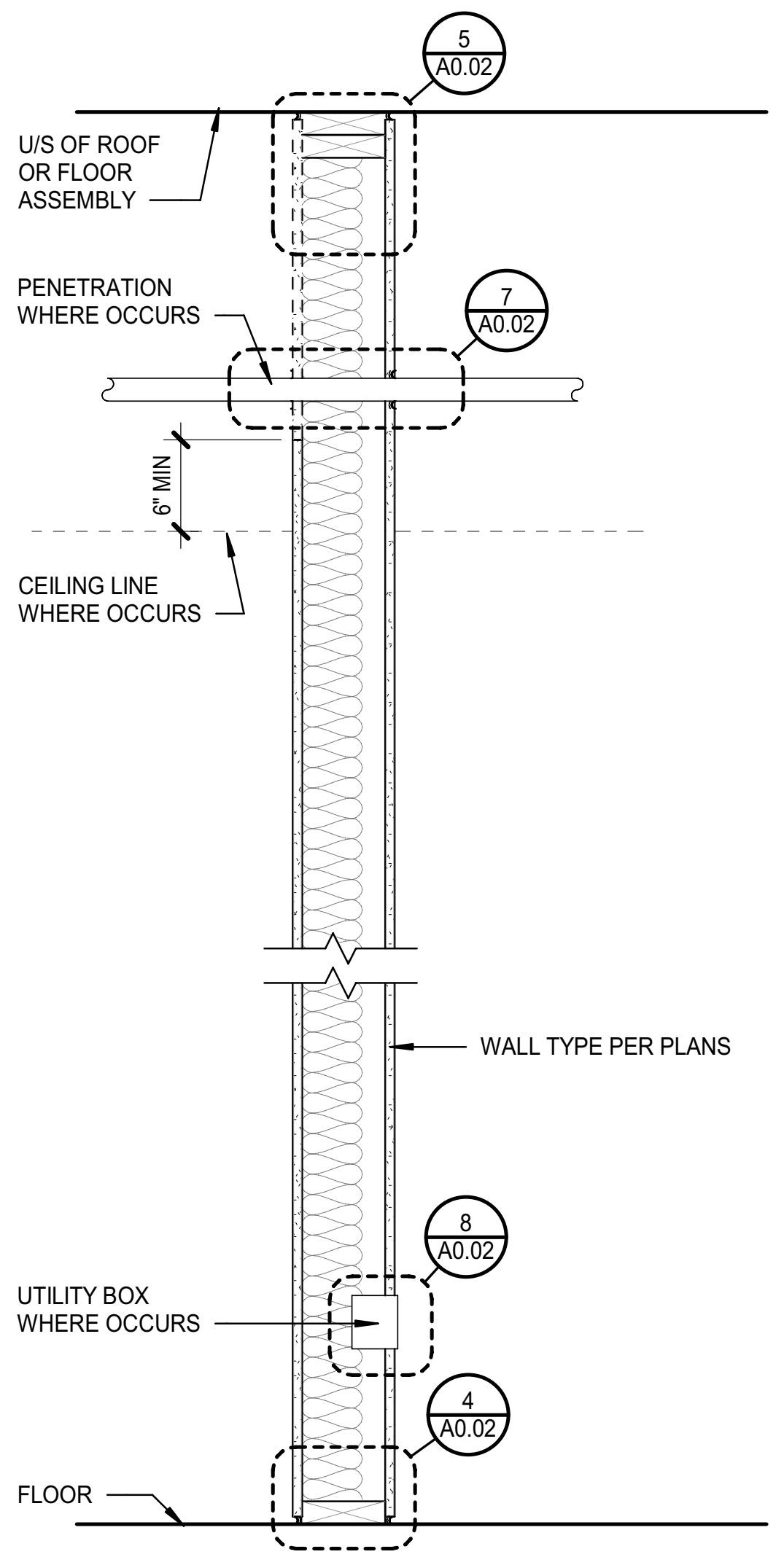
UTILITY BOX WHERE OCCURS

FLOOR

NOTES:
1. REFER TO WALL PLAN CORNER AND TERMINATION CONDITIONS.
2. STAGGER JOINTS AS REQUIRED BY LISTED SYSTEM.

1 FIRE-RATED PARTITION

1" = 1'-0"



U/S OF ROOF OR FLOOR ASSEMBLY

PENETRATION WHERE OCCURS

CEILING LINE WHERE OCCURS

WALL TYPE PER PLANS

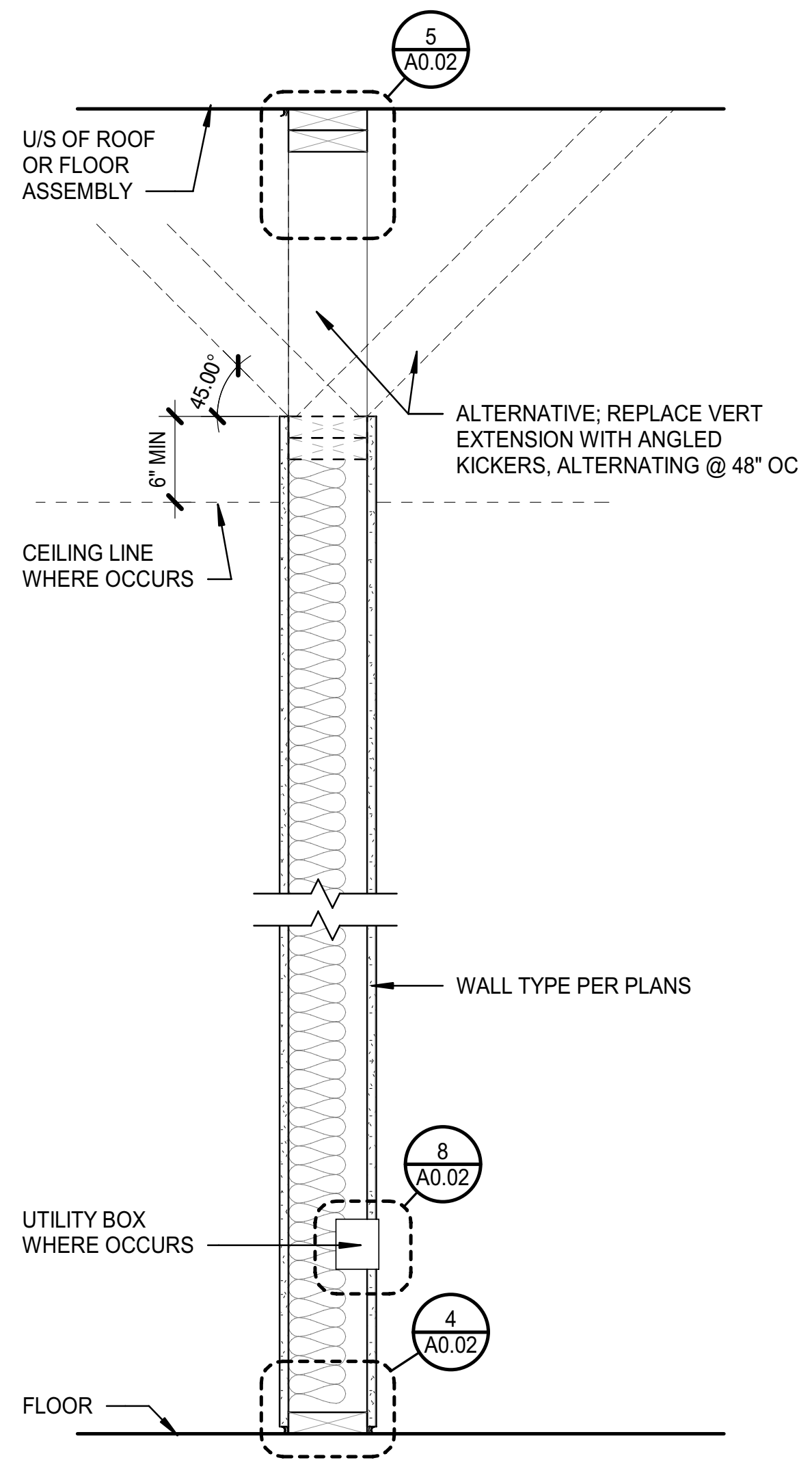
UTILITY BOX WHERE OCCURS

FLOOR

NOTES:
1. ONE OR BOTH SIDES OF GYP BD MAY RUN FULL-HEIGHT IN THIS CONDITION. REFER TO PARTITION TYPE LEGEND.
2. IN ROOMS WHERE NO CEILING IS CALLED FOR, THEN THE STUDS AND GYP BD SHALL RUN TO THE UNDERSIDE OF THE FLOOR / ROOF ASSEMBLY ABOVE.

2 NON-RATED PARTITION TO U/S DECK

1" = 1'-0"



U/S OF ROOF OR FLOOR ASSEMBLY

ALTERNATIVE; REPLACE VERT EXTENSION WITH ANGLED KICKERS, ALTERNATING @ 48" OC

CEILING LINE WHERE OCCURS

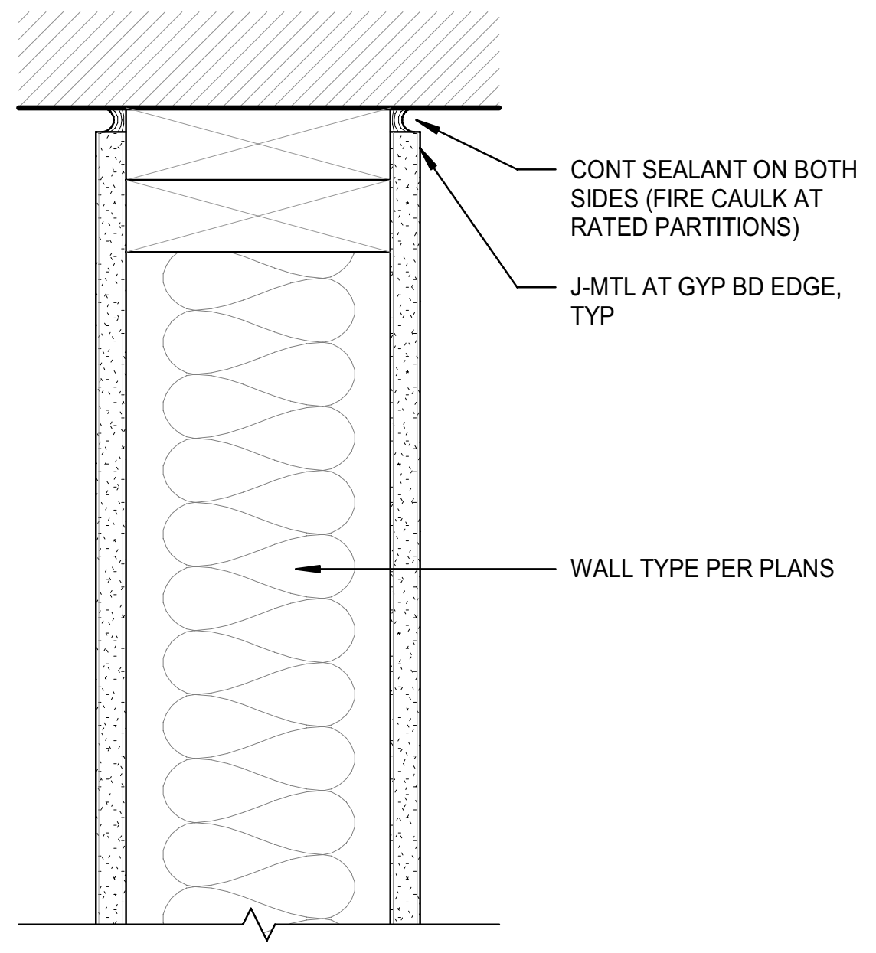
WALL TYPE PER PLANS

UTILITY BOX WHERE OCCURS

FLOOR

3 NON-RATED PARTITION ABOVE CLG

1" = 1'-0"

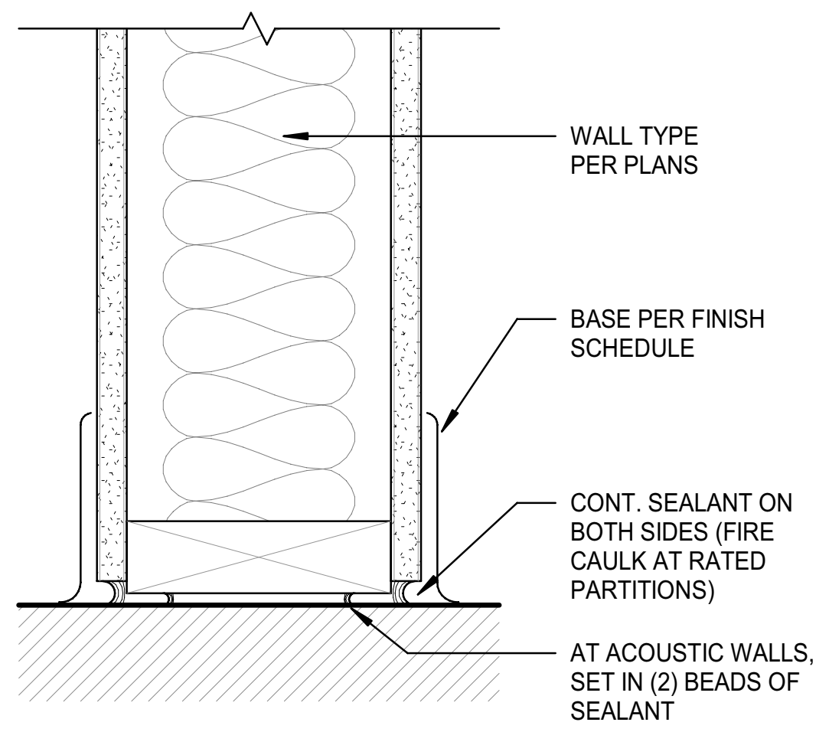

CONT SEALANT ON BOTH SIDES (FIRE CAULK AT RATED PARTITIONS)

J-MTL AT GYP BD EDGE, TYP

WALL TYPE PER PLANS

5 TYP. PARTITION HEAD

3" = 1'-0"


WALL TYPE PER PLANS

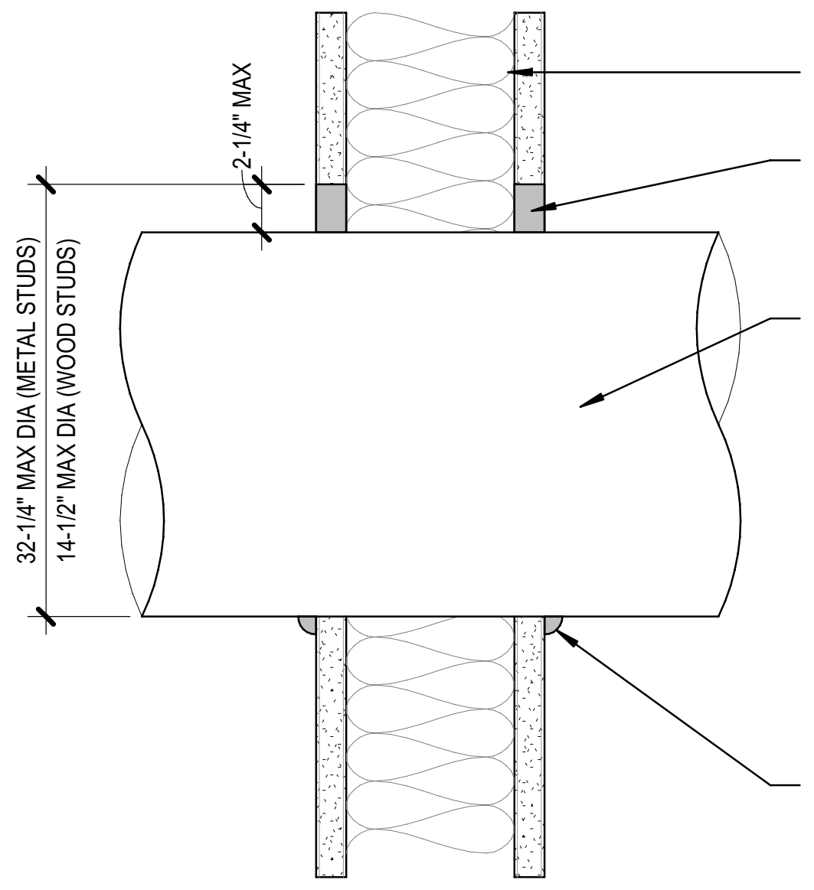
BASE PER FINISH SCHEDULE

CONT. SEALANT ON BOTH SIDES (FIRE CAULK AT RATED PARTITIONS)

AT ACOUSTIC WALLS, SET IN (2) BEADS OF SEALANT

4 TYP. PARTITION BASE

3" = 1'-0"



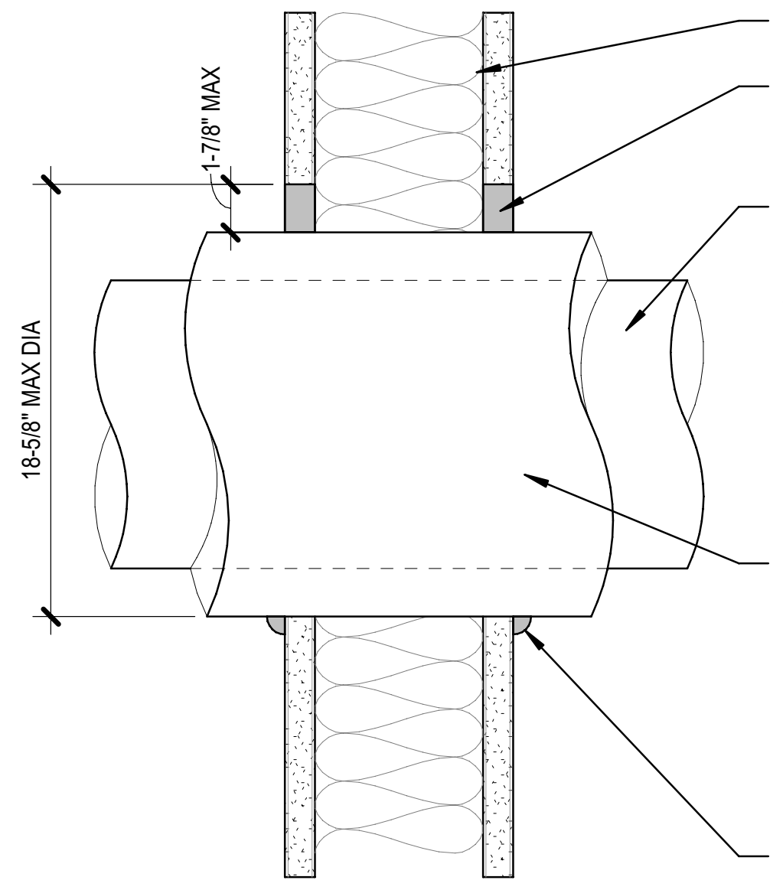
RATED WALL TYPE PER PLANS

FIRE SEALANT - MIN 5/8" THICK, APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. HILTI, INC. FS-ONE OR FS-ONE MAX

THROUGH PENETRANT - ONE METALLIC PIPE, CONDUIT, OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY:
- A. STEEL PIPE - NOM 30" DIA (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE
- B. IRON PIPE - NOM 30" DIA (OR SMALLER) CAST OR DUCTILE IRON PIPE
- C. CONDUIT - NOM 4" DIA (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR 6" DIA STEEL CONDUIT
- D. COPPER TUBING - NOM 6" DIA (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING
- E. COPPER PIPE - NOM 6" DIA (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE

AT POINT(S) OF CONTACT BETWEEN PIPE AND WALL, APPLY 1/2" MIN DIA BEAD OF FIRE SEALANT

1 OR 2 HOUR METALLIC PENETRATION - UL SYSTEM NO. W-L-1054



RATED WALL TYPE PER PLANS

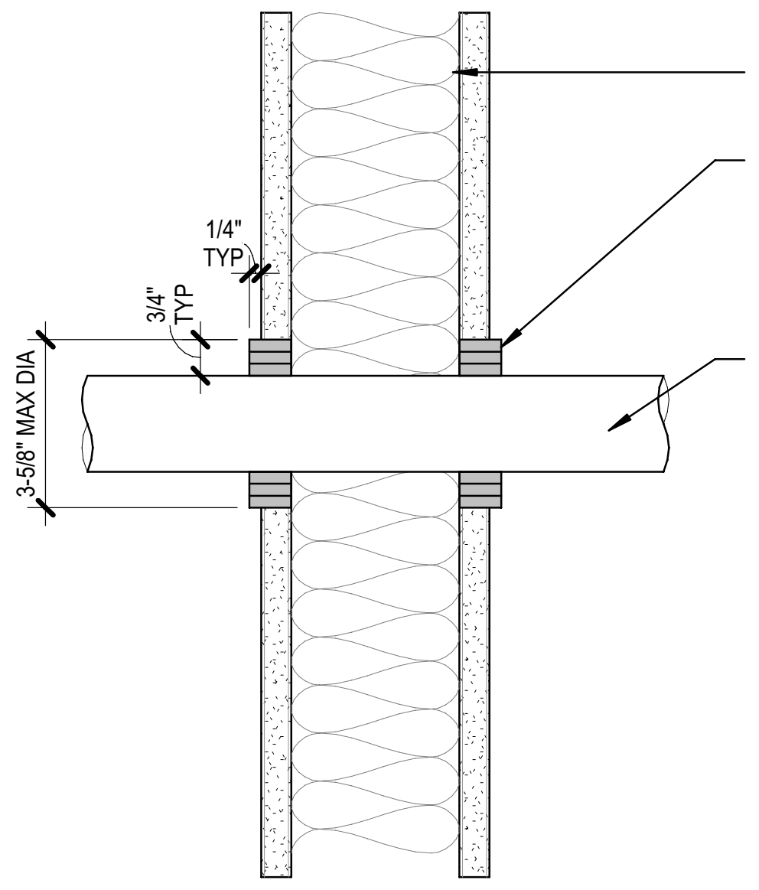
FIRE SEALANT - MIN 5/8" THICK, APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. HILTI, INC. FS-ONE OR FS-ONE MAX

THROUGH PENETRANT - ONE METALLIC PIPE OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY:
- A. STEEL PIPE - NOM 12" DIA (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE
- B. IRON PIPE - NOM 12" DIA (OR SMALLER) CAST OR DUCTILE IRON PIPE
- C. COPPER TUBING - NOM 6" DIA (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING
- D. COPPER PIPE - NOM 6" DIA (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE

PIPE COVERING - NOM 1", 1-1/2", OR 2" THICK HOLLOW CYLINDRICAL HEAVY DENSITY (MIN 3.5 PCF) GLASS FIBER UNITS JACKETED ON THE OUTSIDE WITH AN ALL SERVICE JACKET. LONGITUDINAL JOINTS SEALED WITH METAL FASTENERS OR SELF-SEALING LAP TAPE. TRANSVERSE JOINTS SECURED WITH METAL FASTENERS OR WITH BUTT TAPE SUPPLIED WITH THE PRODUCT.

AT POINT(S) OF CONTACT BETWEEN PIPE AND WALL, APPLY 1/2" MIN DIA BEAD OF FIRE SEALANT

1 OR 2 HOUR WRAPPED METALLIC PENETRATION - UL SYSTEM NO. W-L-1054



RATED WALL TYPE PER PLANS

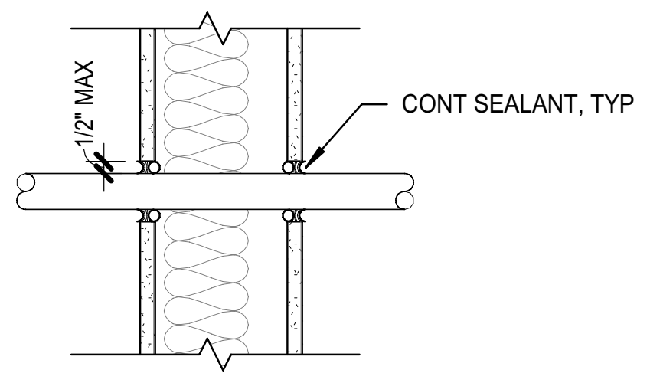
FIRE WRAP STRIP - NOM 3/16" BY 1" WIDE INTUMESCENT WRAP STRIP, CONTINUOUSLY WRAPPED AROUND PIPE THREE TIMES AND SLID INTO ANNULAR SPACE APPROX 3/4". HILTI, INC. CP648-E W25/1" WRAP STRIP

THROUGH PENETRANT - ONE NON-METALLIC PIPE, CONDUIT, TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY:
- A. POLYVINYL CHLORIDE (PVC) PIPE - NOM 2" DIA (OR SMALLER) SCHEDULE 40 CELLULAR OR SOLID CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE, OR VENT) PIPING SYSTEM
- B. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE - NOM 2" DIA (OR SMALLER) SDR 13.5 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEM
- C. ACRYLONITRILE BUTADIENE STYRENE (ABS) PIPE - NOM 2" DIA (OR SMALLER) SCHEDULE 40 CELLULAR OR SOLID CORE ABS PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE, OR VENT) PIPING SYSTEM

1 OR 2 HOUR NON-METALLIC PENETRATION - UL SYSTEM NO. W-L-2234

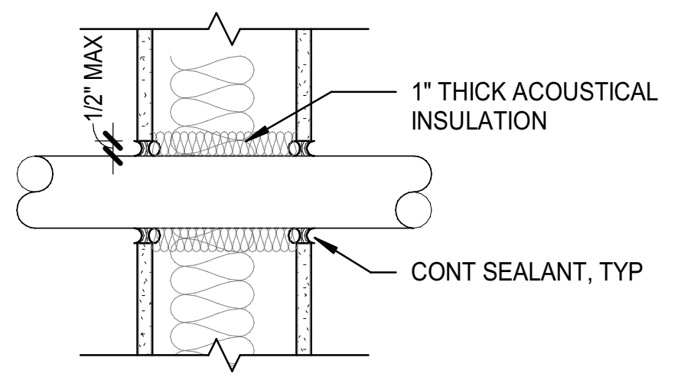
6 RATED ASSEMBLY PENETRATION DETAILS

3" = 1'-0"



CONT SEALANT, TYP

PENETRATION 1" DIA OR LESS



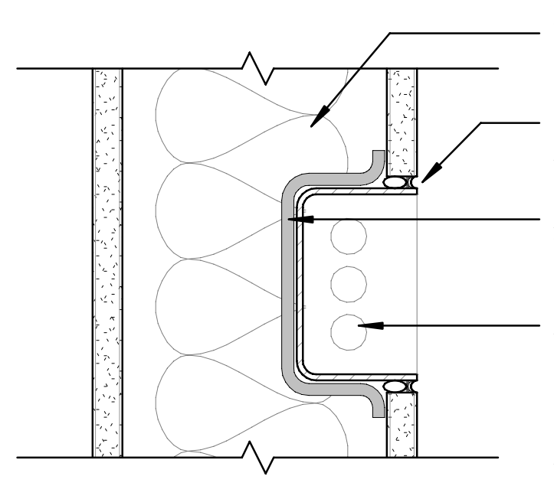
1" THICK ACOUSTICAL INSULATION

CONT SEALANT, TYP

PENETRATION GREATER THAN 1" DIA

7 NON-RATED PENETRATIONS

1 1/2" = 1'-0"


WALL TYPE PER PLANS

1/4" GAP, CAULK AIR TIGHT ALL AROUND PERIMETER

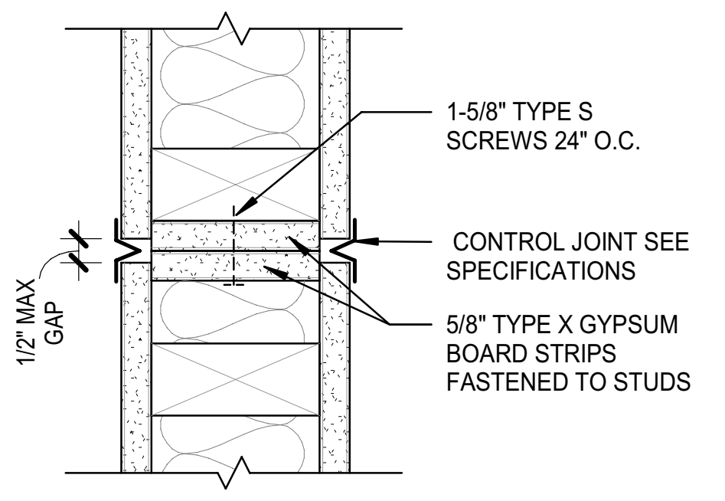
AT FIRE-RATED WALLS AND WALLS WITH STC >55, PROVIDE FULL BOX PAD WRAP

AT FIRE-RATED WALLS, PLUG UNUSED KNOCK-OUT HOLES W/ CAPS, TYP

NOTE:
AVOID BACK TO BACK JUNCTION BOXES, STAGGER BY ONE STUD SPACE AT 24" OC MIN. WHERE CLOSER THAN 24" OC, PROVIDE FULL BOX PAD WRAP

8 UTILITY BOX PENETRATION

3" = 1'-0"

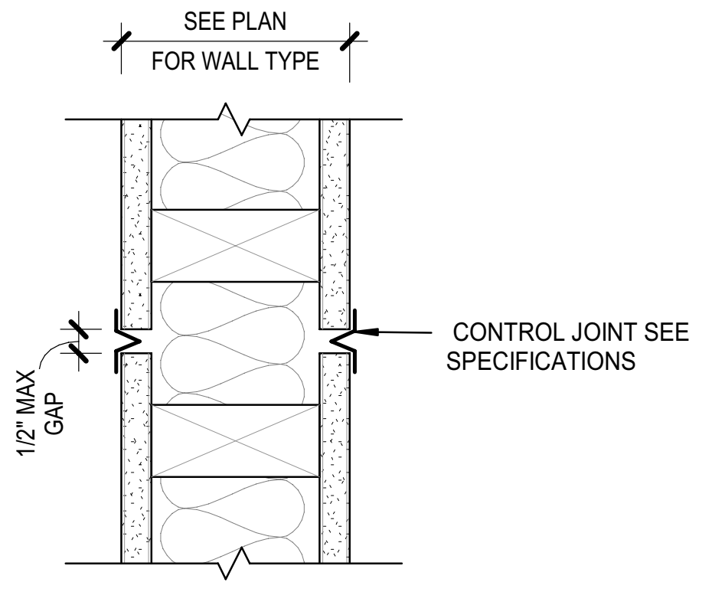


1-5/8" TYPE S SCREWS 24" O.C.

CONTROL JOINT SEE SPECIFICATIONS

5/8" TYPE X GYPSUM BOARD STRIPS FASTENED TO STUDS

1 HOUR RATED



CONTROL JOINT SEE SPECIFICATIONS

NON RATED

9 GYP CONTROL JOINT

3" = 1'-0"

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Revisions

No.	Description	Date

Date	**04/01/24**
Job No.	**23_40**
Drawn By	**Author**
Checked By	**andy**

100% CD

Date
04/01/24

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23_40

Drawing Title
INTERIOR WALL DETAILS

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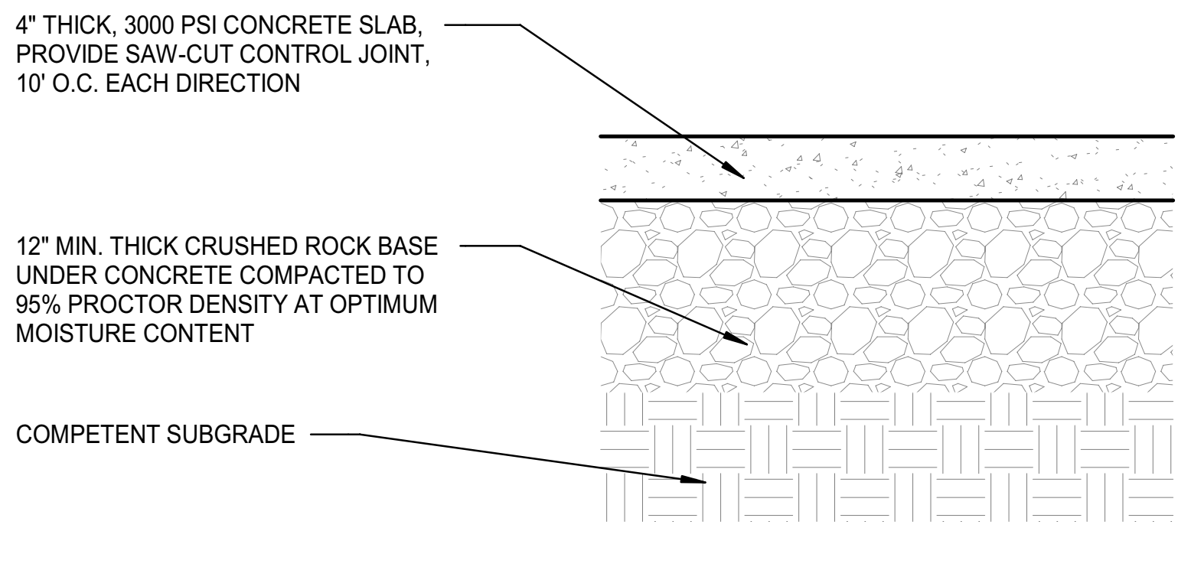
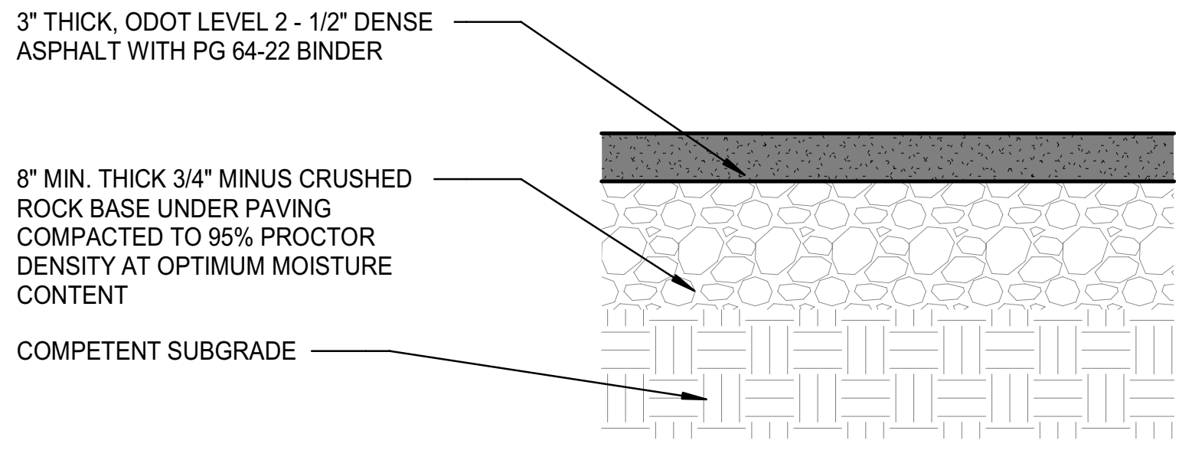

4" THICK, 3000 PSI CONCRETE SLAB, PROVIDE SAW-CUT CONTROL JOINT, 10' O.C. EACH DIRECTION
12" MIN. THICK CRUSHED ROCK BASE UNDER CONCRETE COMPACTED TO 95% PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT
COMPETENT SUBGRADE

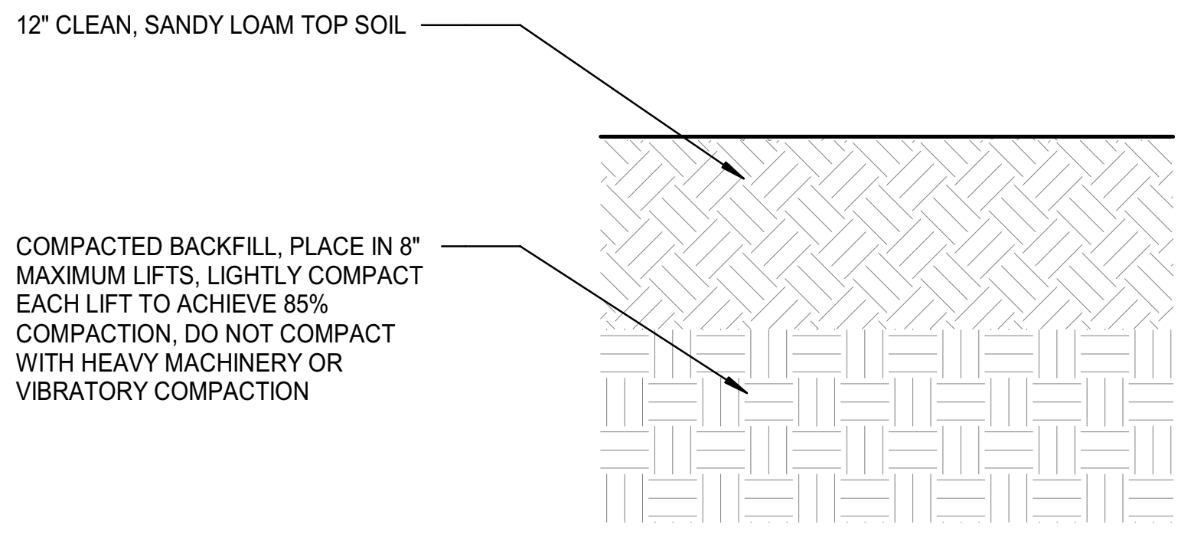
4 TYP. CONC. PAVING SECTION

1" = 1'-0"


3" THICK, ODOT LEVEL 2 - 1/2" DENSE ASPHALT WITH PG 64-22 BINDER
8" MIN. THICK 3/4" MINUS CRUSHED ROCK BASE UNDER PAVING COMPACTED TO 95% PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT
COMPETENT SUBGRADE

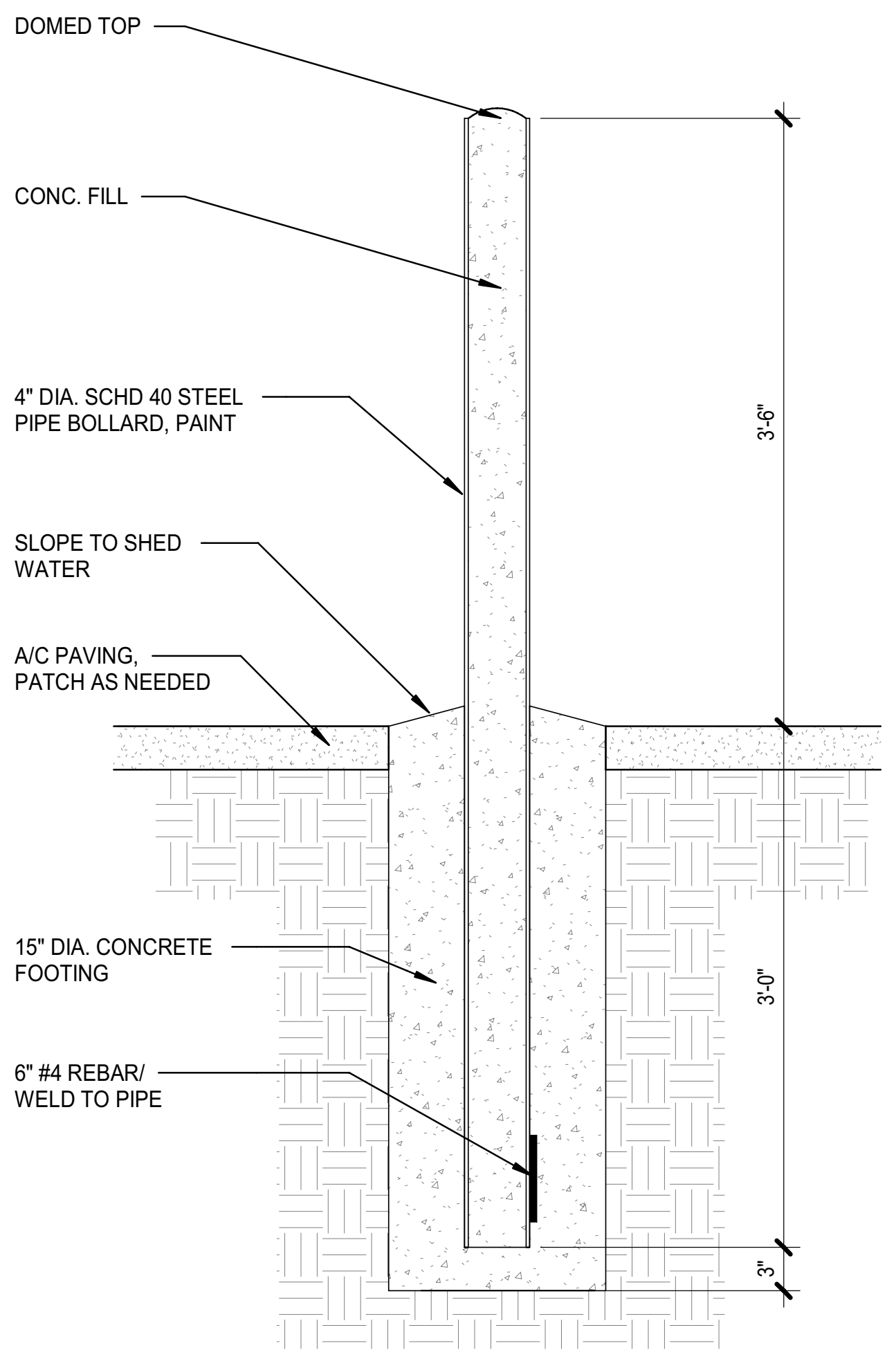
5 TYP. A/C PAVING SECTION

1" = 1'-0"


12" CLEAN, SANDY LOAM TOP SOIL
COMPACTED BACKFILL, PLACE IN 8" MAXIMUM LIFTS, LIGHTLY COMPACT EACH LIFT TO ACHIEVE 85% COMPACTION, DO NOT COMPACT WITH HEAVY MACHINERY OR VIBRATORY COMPACTION

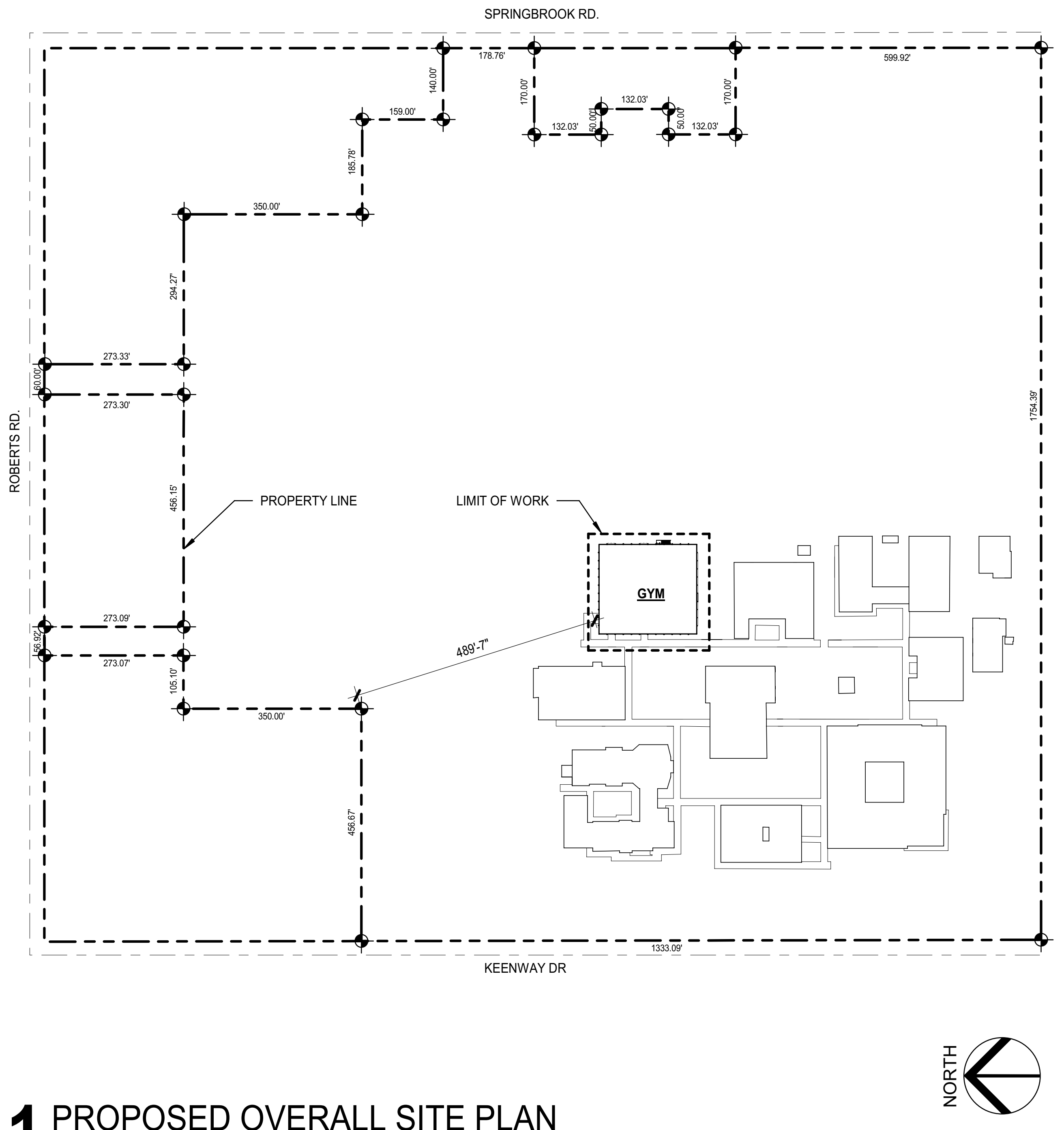
6 TYP. LANDSCAPED AREA

1" = 1'-0"


DOMED TOP
CONC. FILL
4" DIA. SCHD 40 STEEL PIPE BOLLARD, PAINT
SLOPE TO SHED WATER
A/C PAVING, PATCH AS NEEDED
15" DIA. CONCRETE FOOTING
6" #4 REBAR/ WELD TO PIPE
3'-6"
3'-0"
3"

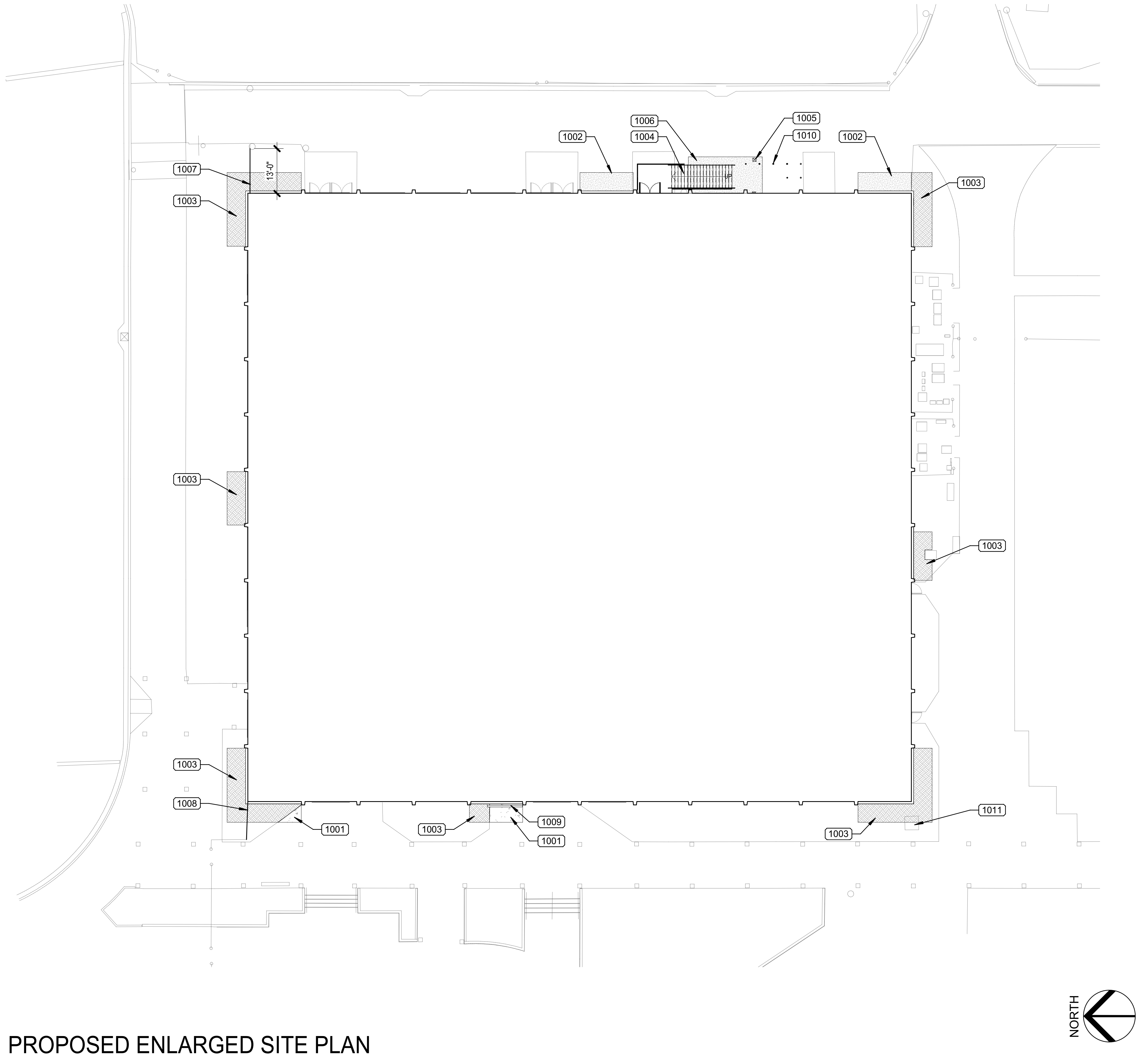
3 TYP. PIPE BOLLARD

1" = 1'-0"



1 PROPOSED OVERALL SITE PLAN

1" = 200'-0"



2 PROPOSED ENLARGED SITE PLAN

1" = 20'-0"

SHEET NOTES

1. SEE ELECTRICAL DRAWINGS FOR LOCATION OF CONDUITS AND CONNECTIONS.
2. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE APPROPRIATE CITY AND STATE REGULATIONS.
4. ALL PAVING, CONCRETE CURB, GUTTER AND SIDEWALK SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
5. CLEARED MATERIALS SHALL BE REMOVED FROM PROJECT SITE.
6. PROTECT AND MAINTAIN BENCHMARKS AND SURVEY CONTROL POINTS FROM DISTURBANCE DURING CONSTRUCTION.
7. THE INTENT OF THE PROPOSED CONSTRUCTION IS TO PRESERVE AS MUCH OF THE EXISTING PAVEMENT, CURB, GUTTER, AND SIDEWALK AS POSSIBLE. PROTECT EXISTING SITE IMPROVEMENTS TO REMAIN FROM DAMAGE DURING CONSTRUCTION.

KEYNOTES

1001	(N) CONC. SIDEWALK PATCH AT (N) CONC. FOOTING, MATCH (E) CONC. FINISH AND GRADE, SEE DETAIL 4/A1.01
1002	(N) A/C PAVING PATCH AT (N) CONC. FOOTING, SEE DETAIL 5/A1.01
1003	(N) SOIL AND LANDSCAPING AT (N) CONC. FOOTING, SEE DETAIL 6/A1.01
1004	(N) STEEL EGRESS STAIRS
1005	(N) AREA DRAIN AT (N) A/C PAVING PATCH, NDS 1200 AREA DRAIN BASIN WITH 1211 GRATE (BLACK) SECURED TO BASIN, CONNECT INTO EXISTING STORM DRAIN WITH 4" PVC PIPE, SLOPE PAVING TO DRAIN, 5% SLOPE MAX
1006	(N) A/C PAVING PATCH AT (N) EGRESS STAIR, SEE DETAIL 5/A1.01
1007	(N) SECTION OF CHAINLINK FENCE, 42” HIGH, GALV. FINISH, MATCH (E)
1008	REINSTALLED SECTION OF METAL SECURITY FENCE , PAINT, MATCH (E)
1009	REINSTALL PORTION OF (E) CANOPY ROOF DRAIN PIPE, MODIFY AS NEEDED
1010	(N) PIPE BOLLARDS AT RELOCATED FDC, 4’ O.C. MAX, PAINT, TYP., SEE DETAIL 3/A1.01
1011	REINSTALLED OR REPLACED (E) COMMUNICATIONS VAULT AND CONDUIT

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Revisions

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Drawing Title
PROPOSED SITE PLANS

Sheet No
A1.01

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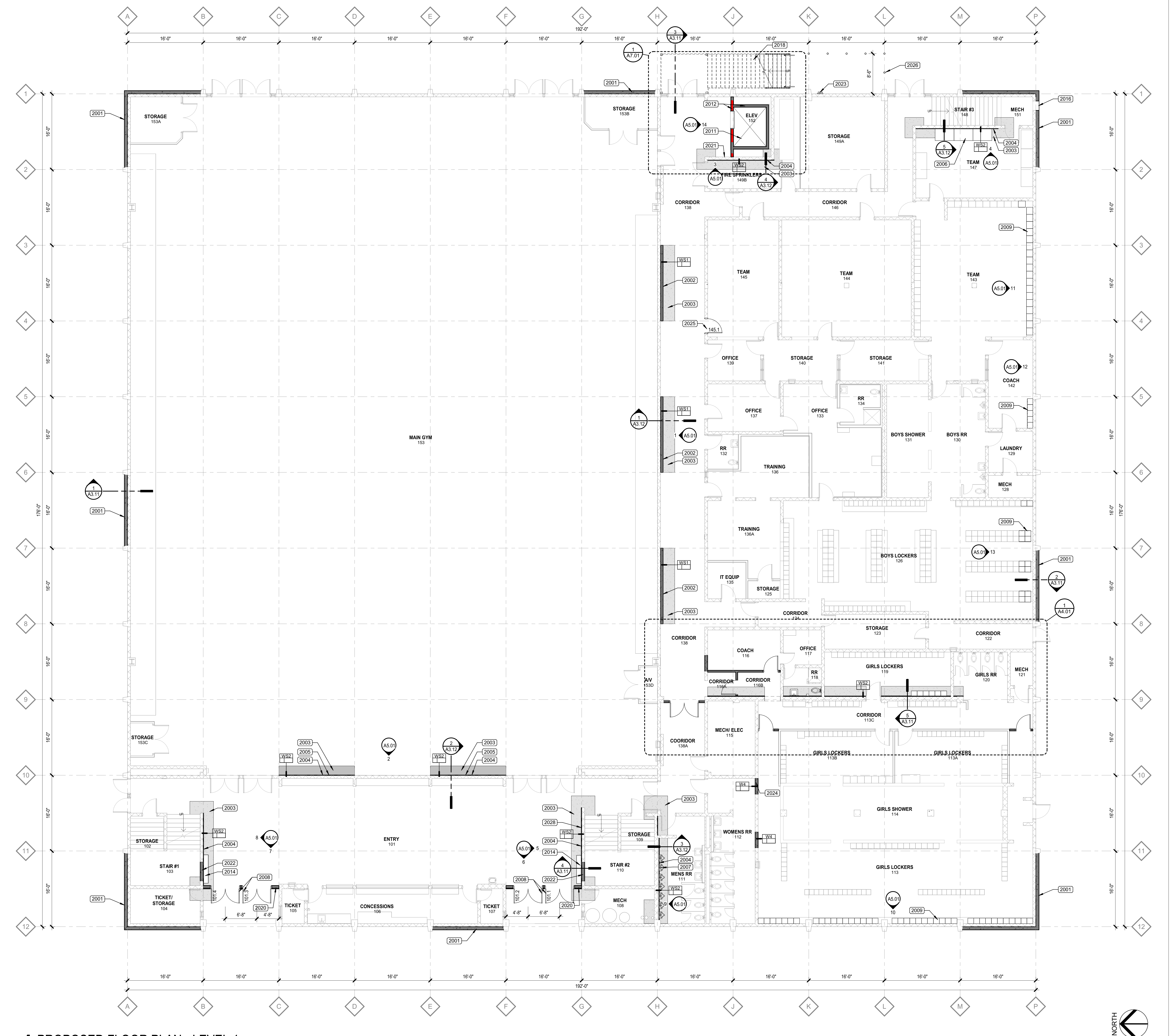

1 PROPOSED FLOOR PLAN - LEVEL 1

1/8" = 1'-0"

SHEET NOTES - FLOOR PLAN

1. REFERENCE PARTIAL FLOOR PLANS AND DETAILS FOR ADDITIONAL DIMENSIONS AND WALL LOCATES.
2. REFER TO SHEET A0.01 FOR INTERIOR PARTITION TYPES AND KEY.
3. REFER TO SHEET A0.01 FOR DIMENSIONAL STANDARDS.
4. REFER TO SHEET G2.01 FOR ACCESSIBLE DIMENSIONAL REQUIREMENTS AND TYPICAL ACCESSORY MOUNTING HEIGHTS.
5. REFER TO SHEET A9.01 FOR NEW FLOOR FINISHES.
6. ALL ACOUSTIC WALL SEPARATIONS MUST BE SEALED FOR SOUND TRANSMISSION.

LEGEND - FLOOR PLAN

1 / A101 SIM	ENLARGED VIEW MARK 1=SECTION NO. A101= SHEET NO.
XXX.R / XX / X	PARTITION MARK (REF. PARTITION TYPES)
A 1001	DOOR TAG
▨	AREA OF NO WORK (NOT IN CONTRACT)
▬	NEW WALL
═	EXISTING FRAMED WALL TO REMAIN
☒	EXISTING CMU WALL TO REMAIN

KEYNOTES

2001	(N) EXTERIOR CONC. SHEARWALL, PAINT, SEE STRUCT.
2002	(N) INT. CONC. SHEARWALLS, PAINT, SEE STRUCT.
2003	(N) CONC. SLAB AND FLOORING PATCH AT (N) CONC. FOOTING/ FRP FOUNDATION WORK
2004	(N) FRP SHEARWALL REINFORCEMENT W/ CEMENTITIOUS COATING, PAINT
2005	REINSTALLED (E) RECORD BOARD AND REPAINTED MURAL ABOVE
2006	REINSTALLED (E) CASEWORK
2007	REINSTALLED (E) PLUMBING FIXTURES AT (N) FRP REINFORCING
2008	(N) ENTRY DOORS W/ PANIC HARDWARE
2009	REINSTALLED (E) LOCKERS
2011	(N) 3500# MACHINE-ROOM-LESS HYDRAULIC ELEVATOR W/ 5' PIT BELOW
2012	(N) FULL HEIGHT FRAMED ELEVATOR SHAFT WALLS
2014	(N) UNIT HEATER, SEE MECH.
2016	(N) MECH. LOUVER AT (E) DUCT, SEE MECH.
2018	(N) STEEL STAIR LANDING, EGRESS STAIRS, GUARD RAILS, AND HANDRAILS, PAINT
2020	(N) EXTERIOR WALL INFILL AT (N) EGRESS DOORS
2021	(N) PATCH AND PAINT AT (E) CMU WALLS ADJ. TO DEMOLISHED STAIRS
2022	(N) CONC. WALL INFILL AT DEMOLISHED UNIT HEATER, SEE STRUCT.
2023	(N) FIRE DEPARTMENT CONNECTION W/ (N) REROUTED INTERIOR PIPING, SEE FIRE PROTECTION DRAWINGS
2024	(N) CMU INFILL WALL, PAINT, TYP.
2025	(N) HM DOOR AND FRAME IN (N) CMU OPENING W/ (N) FRAMED BULKHEAD ABOVE
2026	(N) PIPE BOLLARDS AT RELOCATED FDC, 4' O.C. MAX, PAINT, TYP.
2028	REINSTALLED (E) ILLUMINATED SCHOOL LOGO SIGN, PROVIDE POWER

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Checked By	**Checker**

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Project Number
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Drawing Title
PROPOSED FLOOR PLAN - LEVEL 1

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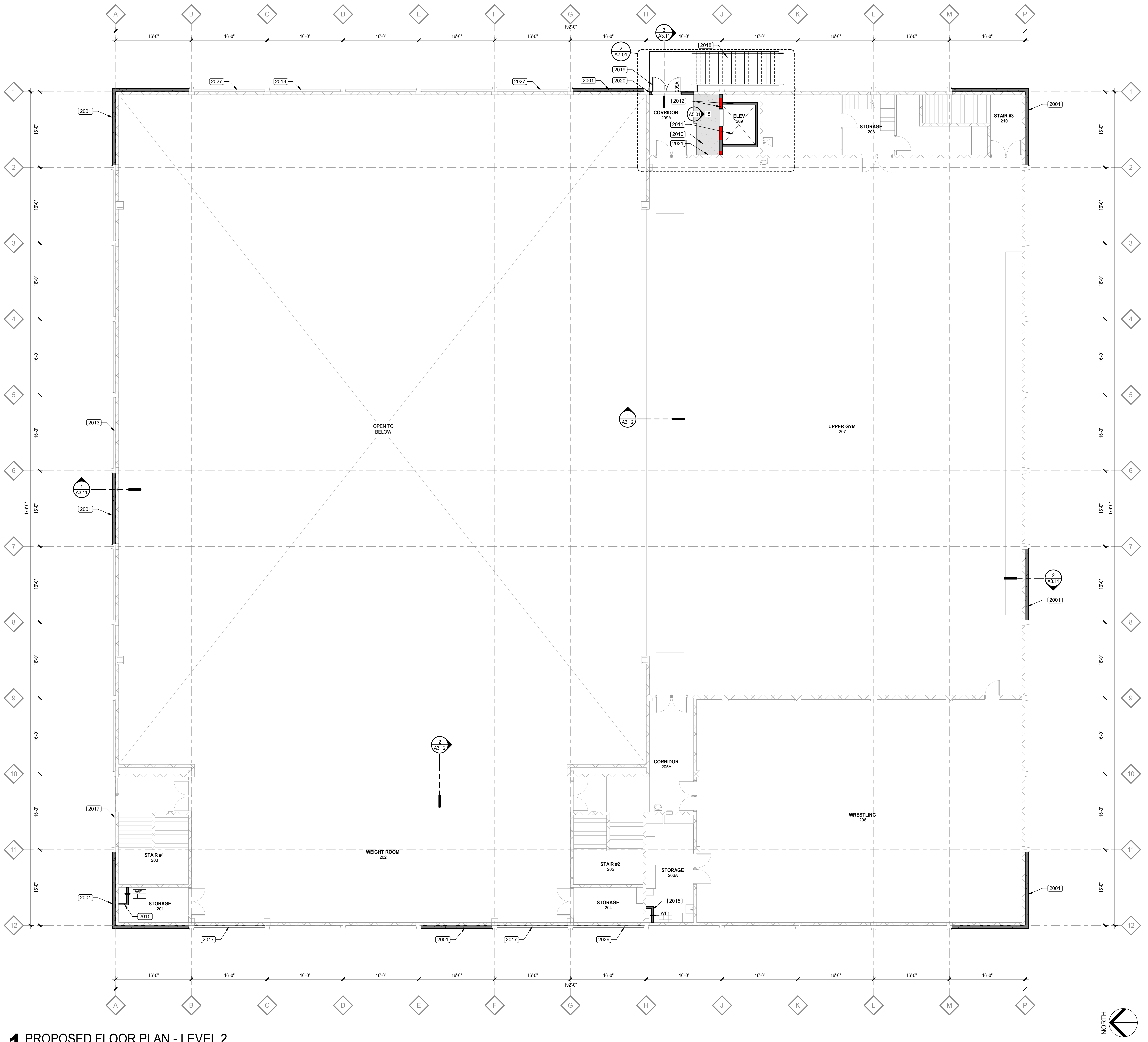

1 PROPOSED FLOOR PLAN - LEVEL 2

1/8" = 1'-0"

SHEET NOTES - FLOOR PLAN

1. REFERENCE PARTIAL FLOOR PLANS AND DETAILS FOR ADDITIONAL DIMENSIONS AND WALL LOCATES.
2. REFER TO SHEET A0.01 FOR INTERIOR PARTITION TYPES AND KEY.
3. REFER TO SHEET A0.01 FOR DIMENSIONAL STANDARDS.
4. REFER TO SHEET G2.01 FOR ACCESSIBLE DIMENSIONAL REQUIREMENTS AND TYPICAL ACCESSORY MOUNTING HEIGHTS.
5. REFER TO SHEET A9.01 FOR NEW FLOOR FINISHES.
6. ALL ACOUSTIC WALL SEPARATIONS MUST BE SEALED FOR SOUND TRANSMISSION.

LEGEND - FLOOR PLAN

⬚ 1/A101 SIM	ENLARGED VIEW MARK 1=SECTION NO. A101= SHEET NO.
XXX.R / XX / X	PARTITION MARK (REF. PARTITION TYPES)
A 1001	DOOR TAG
▨	AREA OF NO WORK (NOT IN CONTRACT)
▬	NEW WALL
═	EXISTING FRAMED WALL TO REMAIN
☒	EXISTING CMU WALL TO REMAIN

KEYNOTES

2001	(N) EXTERIOR CONC. SHEARWALL, PAINT, SEE STRUCT.
2010	(N) CONC. FLOOR SLAB W/ PAN DECK, SEE STRUCT.
2011	(N) 3500# MACHINE-ROOM-LESS HYDRAULIC ELEVATOR W/ 5' PIT BELOW
2012	(N) FULL HEIGHT FRAMED ELEVATOR SHAFT WALLS
2013	(N) HSS SPANDREL BEAMS AT FULL HEIGHT CMU EXTERIOR WALLS, SEE STRUCT., PAINT, TYP.
2015	(N) CHASE WALLS AT REINSTALLED DUCTWORK
2017	(N) HSS SPANDREL BEAMS ABOVE (E) OPENINGS AND (E) CANOPIES, SEE STRUCT., PAINT, TYP.
2018	(N) STEEL STAIR LANDING, EGRESS STAIRS, GUARD RAILS, AND HANDRAILS, PAINT
2019	(N) EGRESS DOORS W/ PANIC HARDWARE
2020	(N) EXTERIOR WALL INFILL AT (N) EGRESS DOORS
2021	(N) PATCH AND PAINT AT (E) CMU WALLS ADJ. TO DEMOLISHED STAIRS
2027	ADDITIONAL (N) HSS SPANDREL BEAM BELOW AT (E) DOOR OPENING, SEE STRUCT., PAINT
2029	(N) HSS SPANDREL BEAM AT BOILER ROOM EXTERIOR WALL, SEE STRUCT., PAINT

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PROPOSED FLOOR PLAN - LEVEL 2

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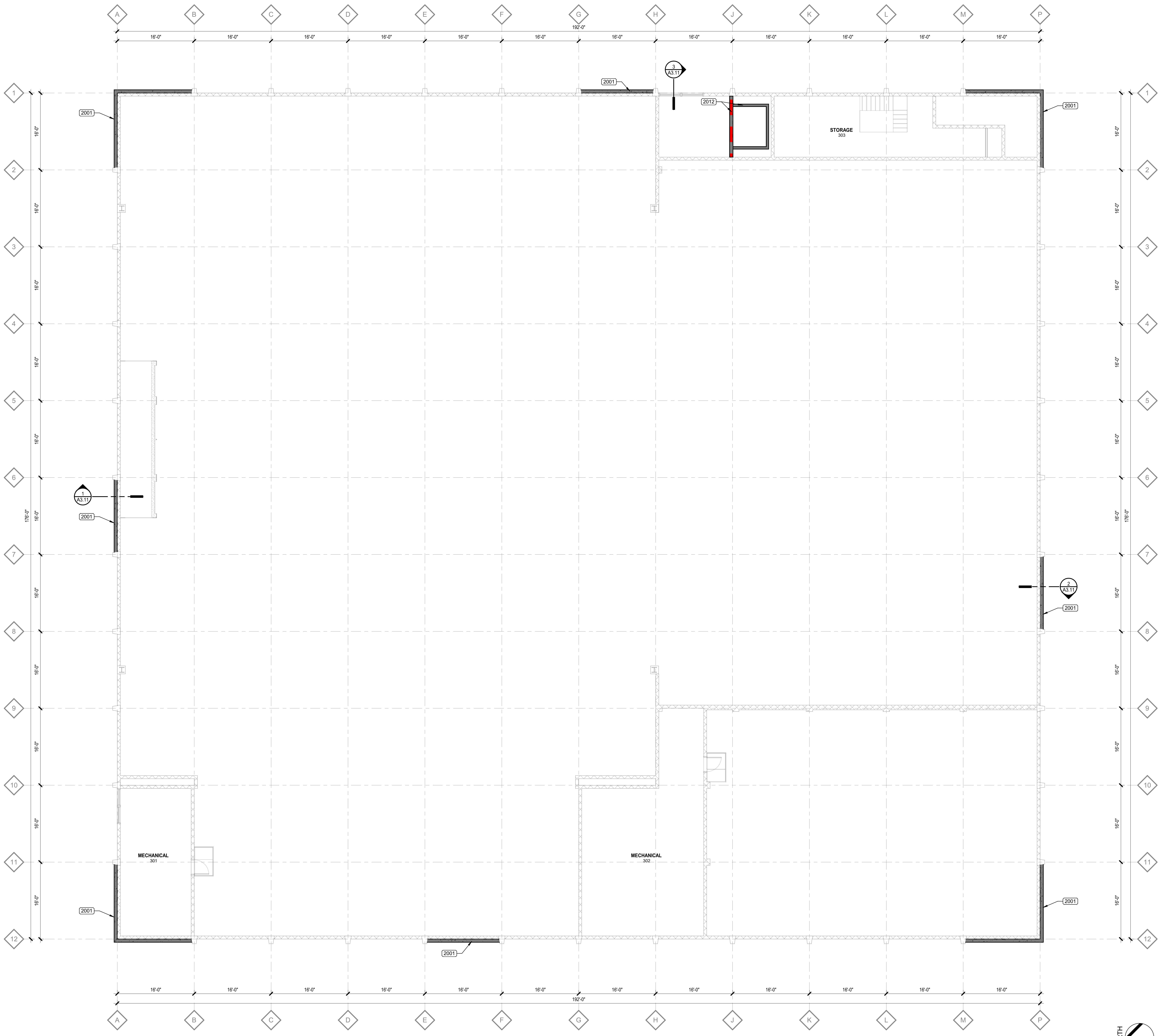

NORTH

1 PROPOSED FLOOR PLAN - LEVEL 3

1/8" = 1'-0"

SHEET NOTES - FLOOR PLAN

1. REFERENCE PARTIAL FLOOR PLANS AND DETAILS FOR ADDITIONAL DIMENSIONS AND WALL LOCATES.
2. REFER TO SHEET A0.01 FOR INTERIOR PARTITION TYPES AND KEY.
3. REFER TO SHEET A0.01 FOR DIMENSIONAL STANDARDS.
4. REFER TO SHEET G2.01 FOR ACCESSIBLE DIMENSIONAL REQUIREMENTS AND TYPICAL ACCESSORY MOUNTING HEIGHTS.
5. REFER TO SHEET A9.01 FOR NEW FLOOR FINISHES.
6. ALL ACOUSTIC WALL SEPARATIONS MUST BE SEALED FOR SOUND TRANSMISSION.

LEGEND - FLOOR PLAN

1 A101 SIM	ENLARGED VIEW MARK 1=SECTION NO. A101= SHEET NO.
XXX.R XX X	PARTITION MARK (REF. PARTITION TYPES)
A 1001	DOOR TAG
▨	AREA OF NO WORK (NOT IN CONTRACT)
▬	NEW WALL
═	EXISTING FRAMED WALL TO REMAIN
☒	EXISTING CMU WALL TO REMAIN

KEYNOTES

2001	(N) EXTERIOR CONC. SHEARWALL, PAINT, SEE STRUCT.
2012	(N) FULL HEIGHT FRAMED ELEVATOR SHAFT WALLS

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Drawing Title
PROPOSED FLOOR PLAN - LEVEL 3

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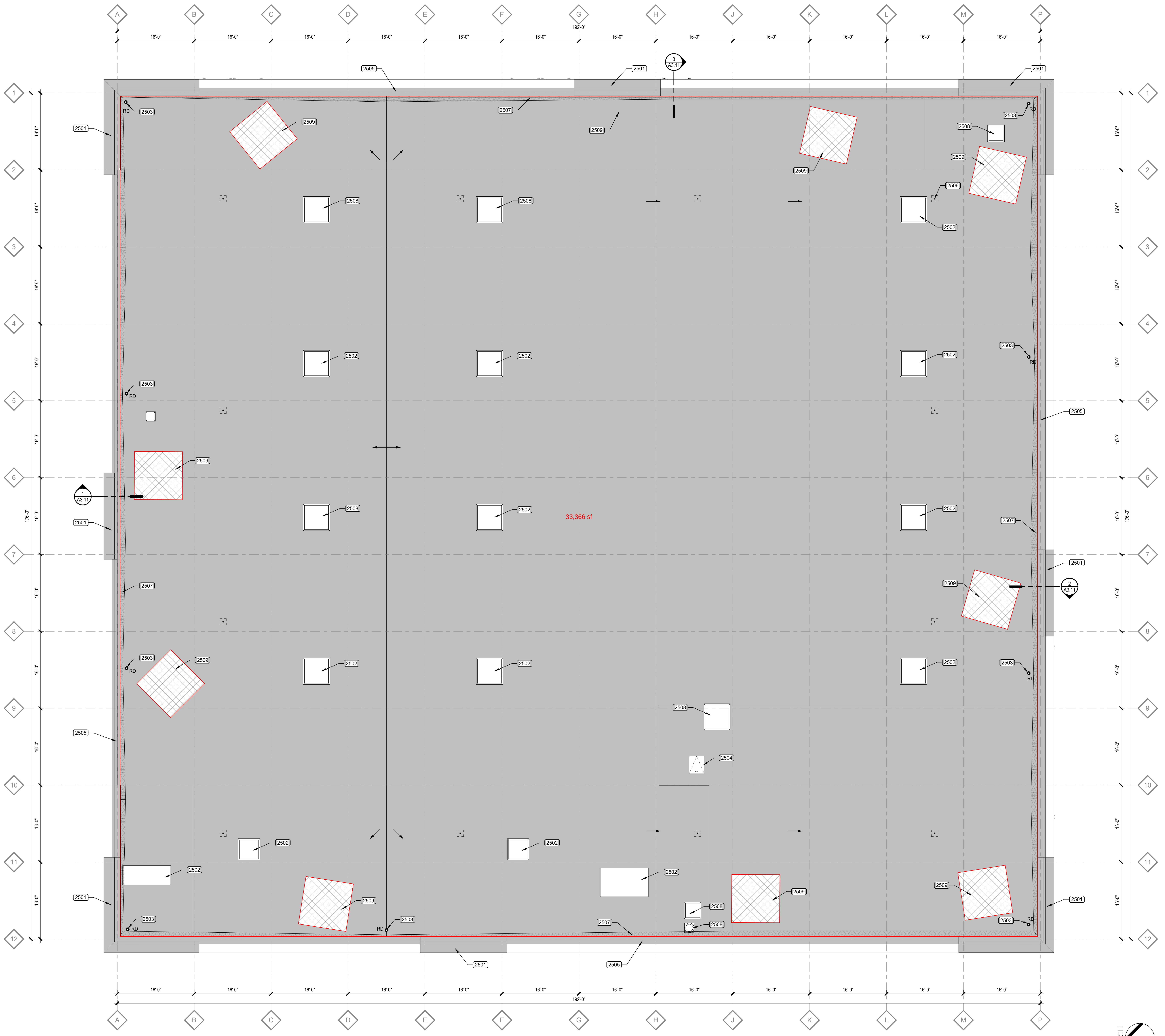


1 PROPOSED ROOF PLAN

1/8" = 1'-0"

SHEET NOTES - ROOF PLAN

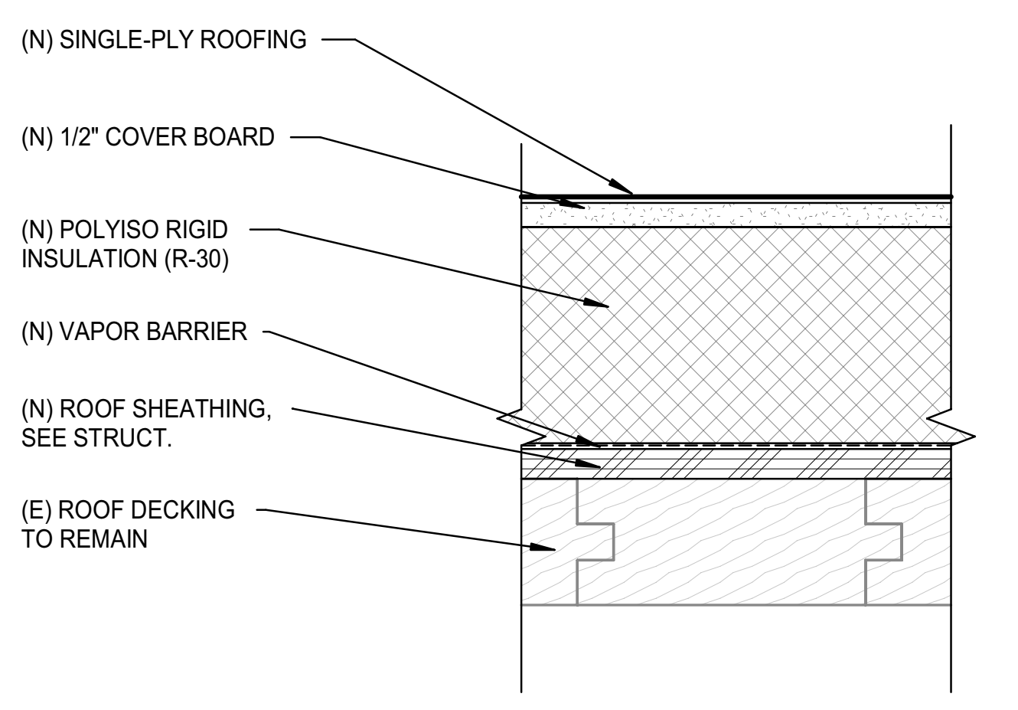
1. ALL ROOF TOP EQUIPMENT WILL REQUIRE COLLATERAL PENETRATION FLASHING FOR CONDUIT AND/ OR PIPING. NOT ALL PENETRATIONS ARE INDICATED ON THIS PLAN, REFER TO THE MECHANICAL AND ELECTRICAL DRAWINGS AND THE SPECIFICATIONS MANUAL FOR LOCATIONS AND QUANTITIES OF PENETRATIONS NOT INDICATED ON THIS PLAN.
2. ALL CRICKETS ARE TO BE WOOD FRAMED. MAINTAIN 1/4" PER FOOT RETURN SLOPE TYPICAL AT FLAT ROOF AREA, UNLESS OTHERWISE NOTED, SLOPE TO DRAINS.
3. REFER TO TYPICAL ROOF DETAILS FOR FURTHER INFORMATION.
4. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL ROOF IMPROVEMENT SCOPE.
5. COORDINATE CELLULAR INFRASTRUCTURE REQUIRMENTS WITH CLIENT PRIOR TO THE INSTALLATION OF THE NEW INSULATION AND ROOFING.
6. REINSTALLATION OF CELLULAR TOWER INFRASTRUCTURE AT ROOF TO BE PERFORMED AFTER CONSTRUCTION IS COMPLETED, N.I.C.

LEGEND - ROOF PLAN

○ RD	ROOF DRAIN
⊖	ROOF FALL PROTECTION ANCHOR
X" / 12" →	DIRECTION OF ROOF SLOPE
☐ ◎ ⊠	ROOF VENTS AND EQUIPMENT - SEE MECH DWGS
⊠	ROOF HATCH
▨	**ROOF TYPE "XR01"** (N) SINGLY-PLY ROOFING W/ COVERBOARD, R-30 RIGID INSULATION, AND VAPOR BARRIER O/ ROOF SHEATHING O/ (E) ROOF DECKING

KEYNOTES

2501	(N) PARTIAL MANSARD PARAPET W/ SHINGLE SIDING, MATCH (E)
2502	REINSTALLED (E) ROOFTOP MECH. EQUIPMENT W/ (N) CURB, SEE MECH.
2503	(N) ROOF DRAIN AT (E) ROOF DRAIN PIPE
2504	REINSTALLED (E) ROOF HATCH
2505	(N) PARTIAL MANSARD PARAPET AND PARAPET FLASHING, TYP.
2506	(N) ROOF FALL PROTECTION ANCHOR, TYP.
2507	(N) ROOF CRICKET FRAMING BELOW VAPOR BARRIER AT BACKSIDE OF MANSARD PARAPET, TYP.
2508	REINSTALLED (E) ROOFTOP MECH. EQUIPMENT W/ (N) HOOD AND (N) CURB, SEE MECH.
2509	APPROXIMATE LOCATION OF (N) 10'-0" X 10'-0" PVC ROOF WALKWAY ROLL BELOW (N) NON-PENETRATING SLED MOUNT CELLULAR INFRASTRUCTURE, COORDINATE FINAL LOCATION AND SIZE W/ CELLULAR INFRASTRUCTURE INSTALLER


(N) SINGLE-PLY ROOFING
(N) 1/2" COVER BOARD
(N) POLYISO RIGID INSULATION (R-30)
(N) VAPOR BARRIER
(N) ROOF SHEATHING, SEE STRUCT.
(E) ROOF DECKING TO REMAIN

XR1 ROOF TYPE 'XR01'

3" = 1'-0"

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Project

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Revisions

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Drawing Title
PROPOSED ROOF PLAN

Sheet No
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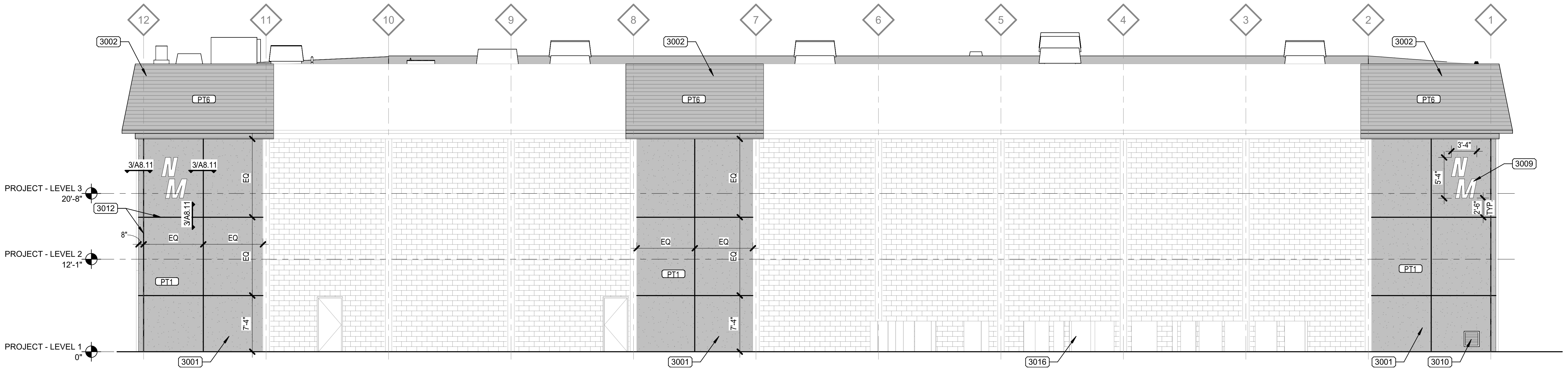
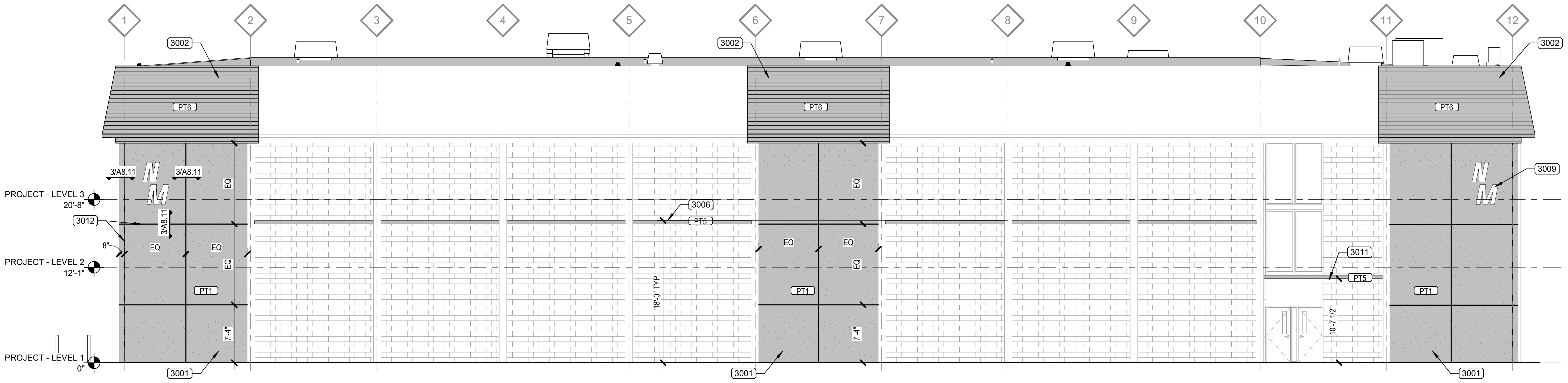


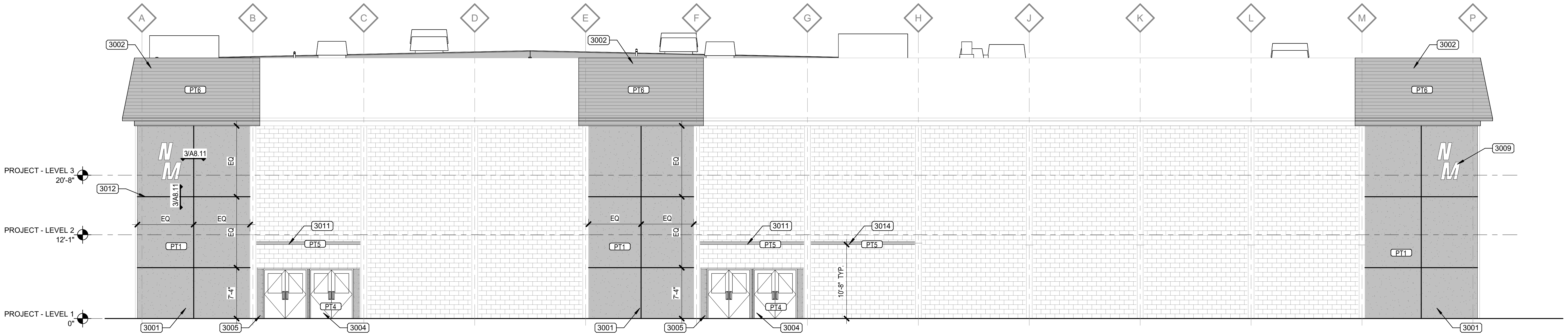
4 SOUTH EXTERIOR ELEVATION

1/8" = 1'-0"



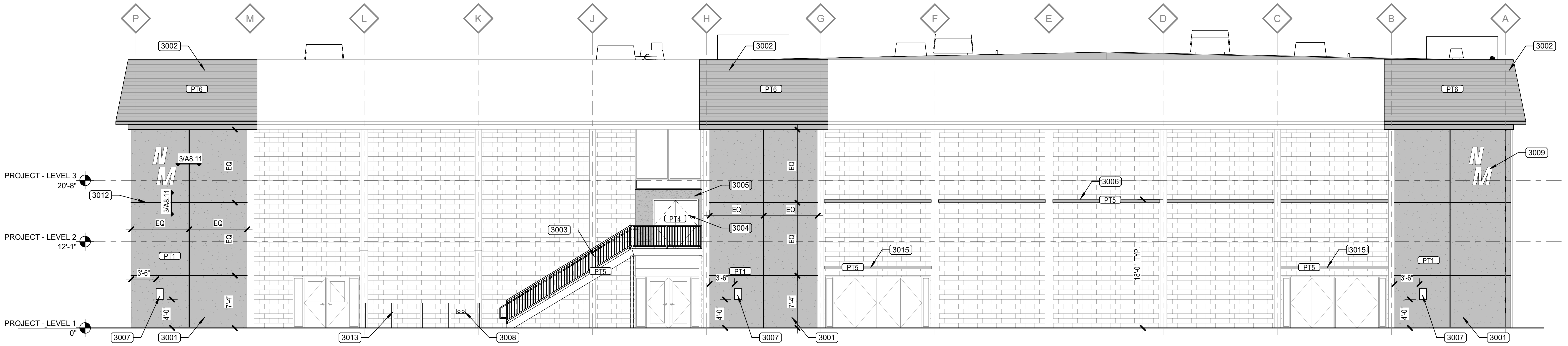
3 NORTH EXTERIOR ELEVATION

1/8" = 1'-0"



2 WEST EXTERIOR ELEVATION

1/8" = 1'-0"



1 EAST EXTERIOR ELEVATION

1/8" = 1'-0"

SHEET NOTES

1. REFER TO EXTERIOR ASSEMBLIES TYPES ON A0.01.
2. EXISTING EXTERIOR CANOPIES OMITTED FOR CLARITY.

KEYNOTES

3001	(N) CONC. SHEARWALL W/ SMOOTH FINISH, PAINT, TYP.
3002	REPLACMENT MANSARD PARAPET AT (N) CONC. SHEARWALLS, MATCH (E) SIDING
3003	(N) STEEL STAIR LANDING, EGRESS STAIRS, GUARD RAILS, AND HANDRAILS, PAINT
3004	(N) HM DOORS AND FRAME, PAINT
3005	(N) STUCCO FINISH AT (N) INFILL WALL
3006	(N) HSS SPANDREL BEAMS AT (E) FULL HEIGHT CMU EXTERIOR WALLS, SEE STRUCT., PAINT, TYP.
3007	REINSTALLED (E) "NO PARKING - FIRE LANE" SIGN
3008	(N) FIRE DEPARTMENT CONNECTION W/ (N) REROUTED INTERIOR PIPING, SEE FIRE PROTECTION DRAWINGS
3009	(N) PAINTED SCHOOL INITIALS LOGO AT BUILDING CORNERS, CENTER HORZ. IN CONC. FIELD, ACCENT COLOR, VERIFY DESIGN W/ DISTRICT PRIOR TO PAINTING, TYP.
3010	(N) MECH. LOUVER AT (E) DUCT, SEE MECH.
3011	(N) HSS SPANDREL BEAMS ABOVE (E) OPENINGS AND (E) CANOPIES, SEE STRUCT., PAINT, TYP.
3012	CONC. WALL REVEAL, 3/4" X 1 1/2" CHAMFER, LAYOUT TYP. FOR ALL (N) EXT. CONC. WALLS
3013	(N) PIPE BOLLARDS AT RELOCATED FDC
3014	(N) HSS SPANDREL BEAM AT BOILER ROOM EXTERIOR WALL, SEE STRUCT., PAINT
3015	(N) HSS SPANDREL BEAM AT (E) DOOR OPENING, SEE STRUCT., PAINT
3016	(E) GROUND CELLULAR INFRASTRUCTURE TO REMAIN

EXTERIOR FINISH SCHEDULE

TAG	MFR.	COLLECTION	COLOR	SHEEN	NOTES
PAINT					
PT1	RODDA	FORMWORX/ PHLEX-TITE XL, COVERCOAT XL	MATCH EXISTING	SATIN	AT CONC. SHEARWALLS
PT4	RODDA	PROTECH/ METAL MASTER PRIMER, PROTECH/ MULTI MASTER VST	MATCH EXISTING	LOW-GLOSS	AT INDICATED HOLLOW METAL DOORS AND FRAMES
PT5	RODDA	PROTECH/ METAL MASTER PRIMER, PROTECH/ MULTI MASTER VST	MATCH ADJ.	SATIN	AT NEW EXTERIOR EXPOSED METAL
PT6	RODDA	FORMWORX/ PHLEX-TITE XL, COVERCOAT XL	MATCH ADJ.	SATIN	AT SHINGLE SIDING

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EXTERIOR ELEVATIONS

Sheet No
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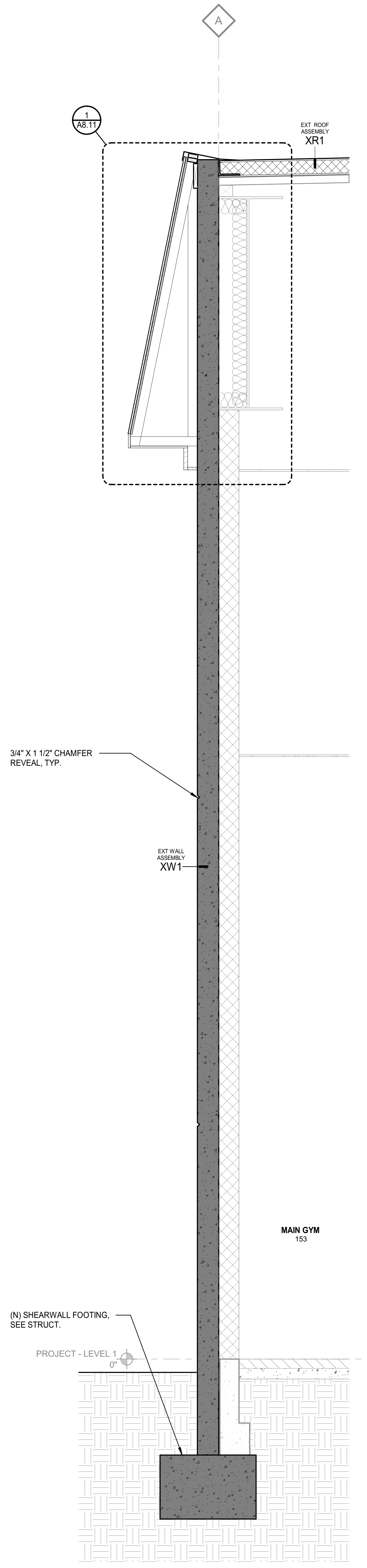
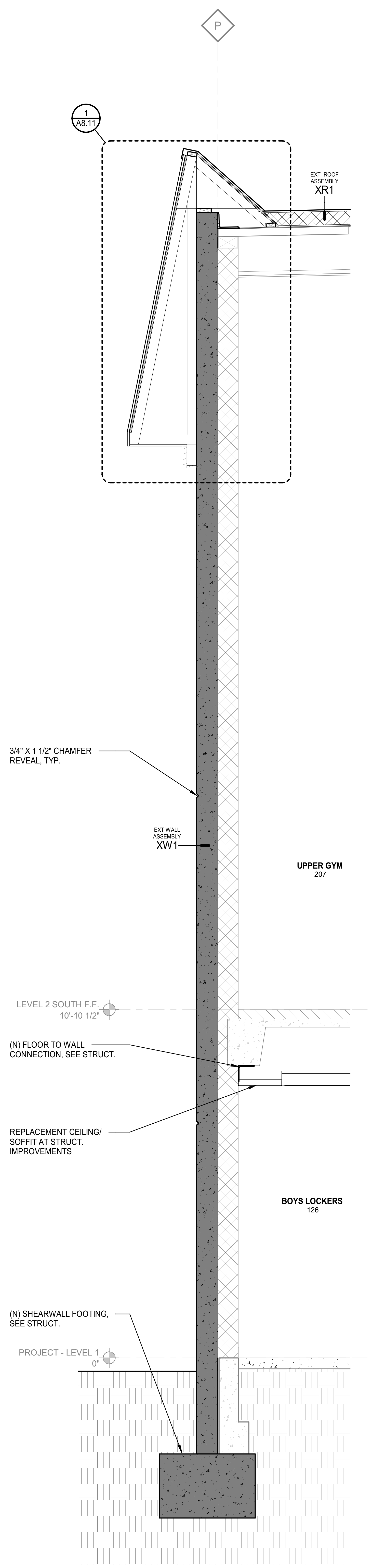
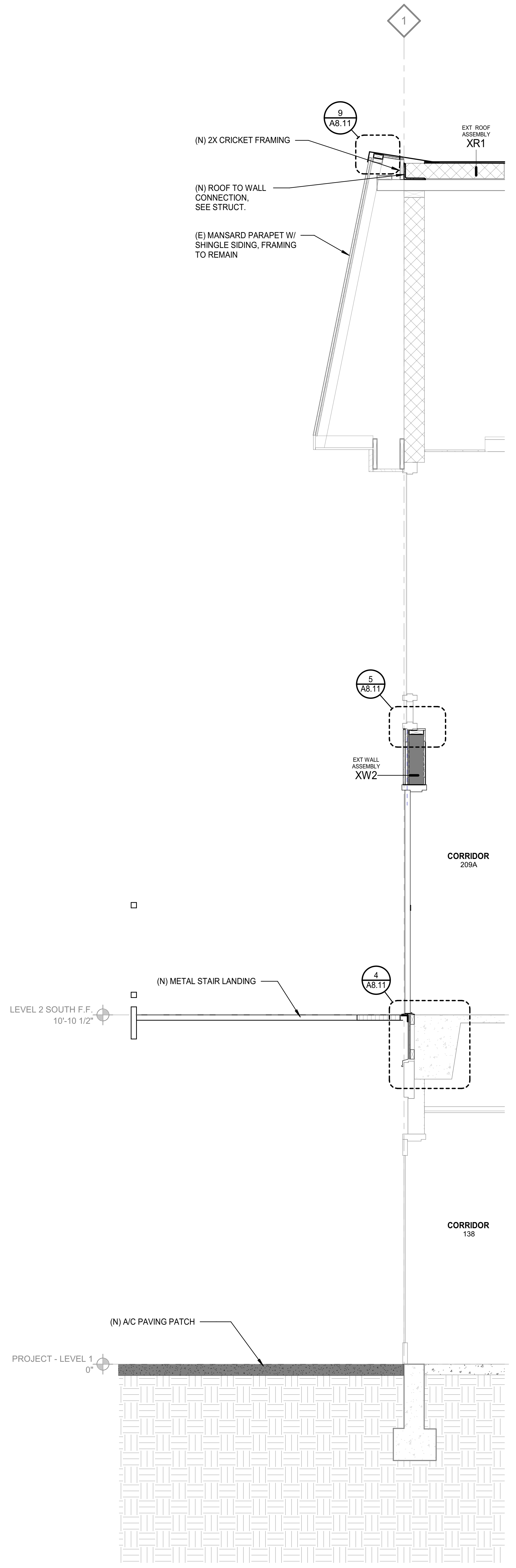


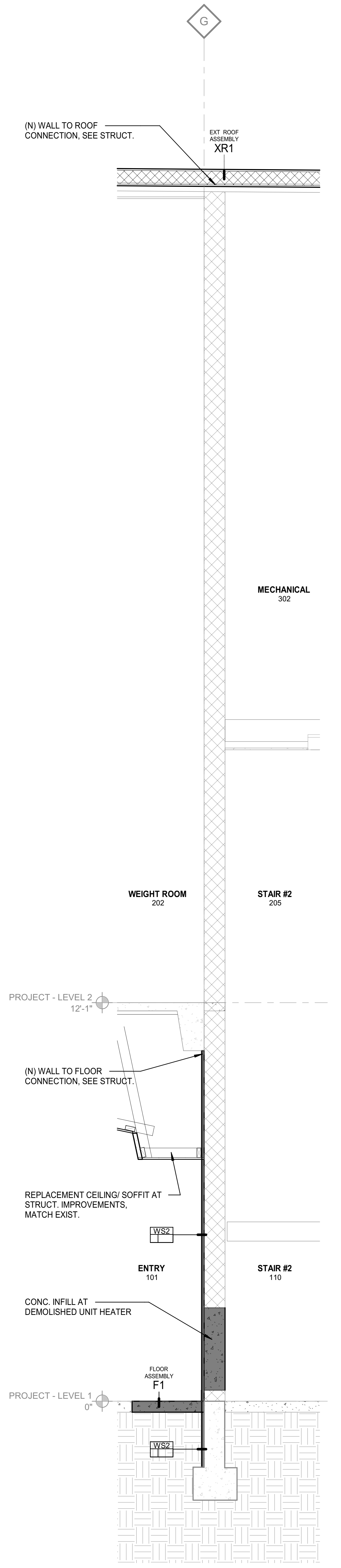
1 WALL SECTION - MAIN GYM
1/2" = 1'-0"


P
1
A8.11
EXT ROOF ASSEMBLY
XR1
3/4" X 1 1/2" CHAMFER REVEAL, TYP.
EXT WALL ASSEMBLY
XW1
UPPER GYM
207
LEVEL 2 SOUTH F.F.
10'-10 1/2"
(N) FLOOR TO WALL CONNECTION, SEE STRUCT.
REPLACEMENT CEILING/ SOFFIT AT STRUCT. IMPROVEMENTS
BOYS LOCKERS
126
(N) SHEARWALL FOOTING, SEE STRUCT.
PROJECT - LEVEL 1
0"

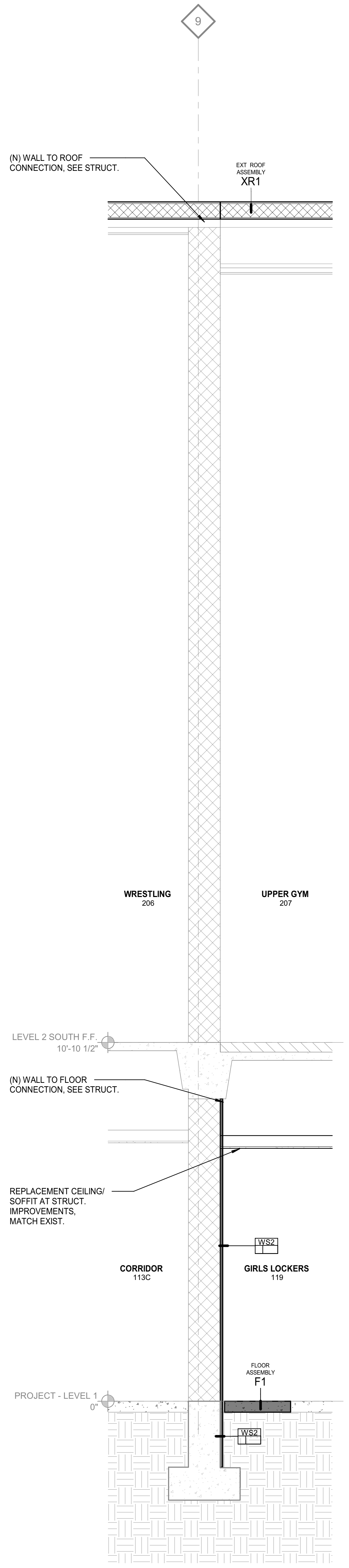
2 WALL SECTION - UPPER GYM
1/2" = 1'-0"



3 WALL SECTION - EGRESS STAIR
1/2" = 1'-0"


G
(N) WALL TO ROOF CONNECTION, SEE STRUCT.
EXT ROOF ASSEMBLY
XR1
MECHANICAL
302
WEIGHT ROOM
202
STAIR #2
205
PROJECT - LEVEL 2
12'-1"
(N) WALL TO FLOOR CONNECTION, SEE STRUCT.
REPLACEMENT CEILING/ SOFFIT AT STRUCT. IMPROVEMENTS, MATCH EXIST.
WS2
ENTRY
101
STAIR #2
110
CONC. INFILL AT DEMOLISHED UNIT HEATER
FLOOR ASSEMBLY
F1
PROJECT - LEVEL 1
0"
WS2

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


9
(N) WALL TO ROOF CONNECTION, SEE STRUCT.
EXT ROOF ASSEMBLY
XR1
WRESTLING
206
UPPER GYM
207
LEVEL 2 SOUTH F.F.
10'-10 1/2"
(N) WALL TO FLOOR CONNECTION, SEE STRUCT.
REPLACEMENT CEILING/ SOFFIT AT STRUCT. IMPROVEMENTS, MATCH EXIST.
WS2
CORRIDOR
113C
GIRLS LOCKERS
119
FLOOR ASSEMBLY
F1
PROJECT - LEVEL 1
0"
WS2

5 WALL SECTION - GIRLS LOCKERS
1/2" = 1'-0"

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Checked By	**Checker**

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Drawing Title
WALL SECTIONS

Sheet No
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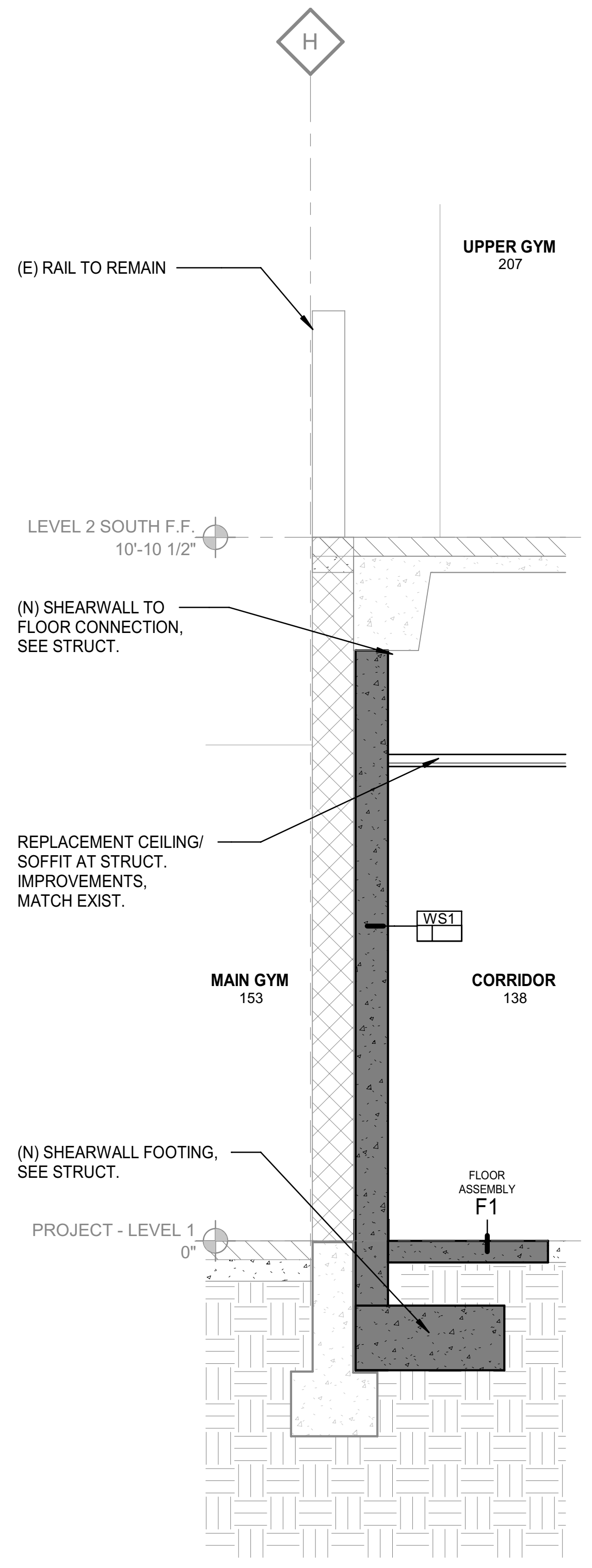
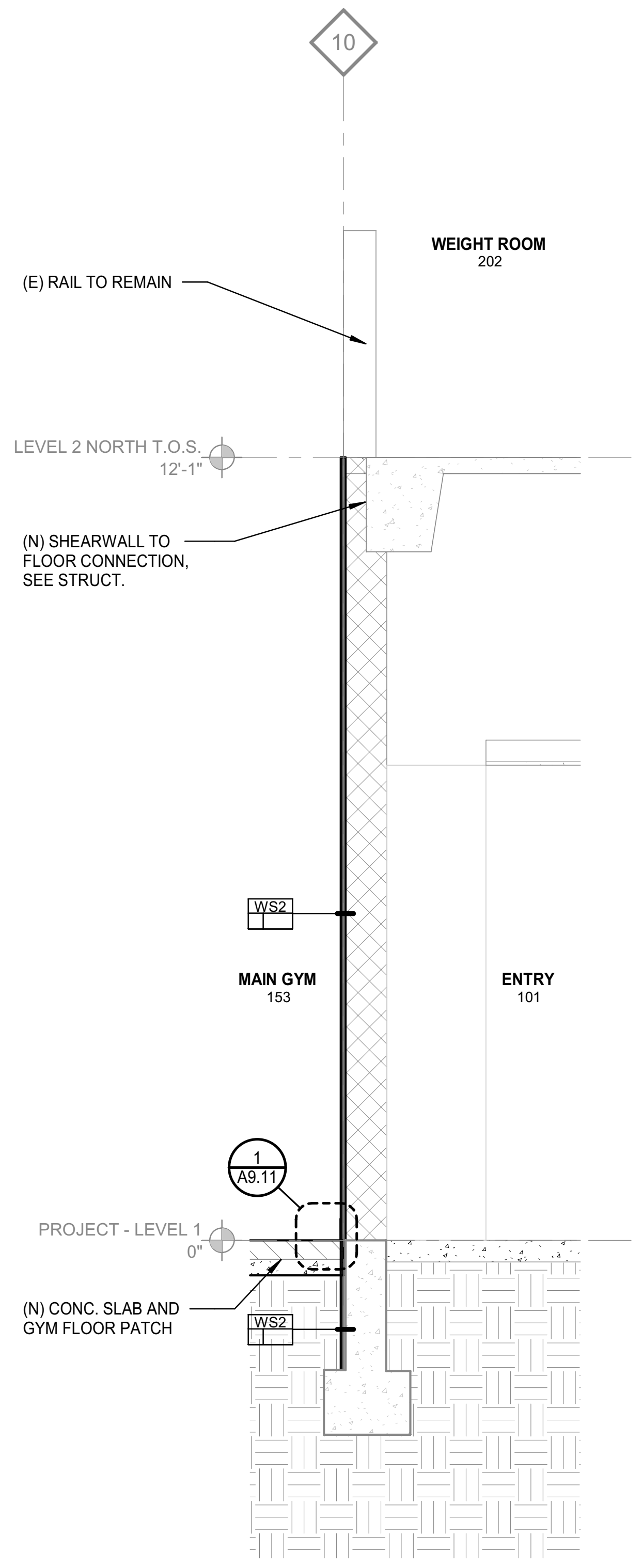
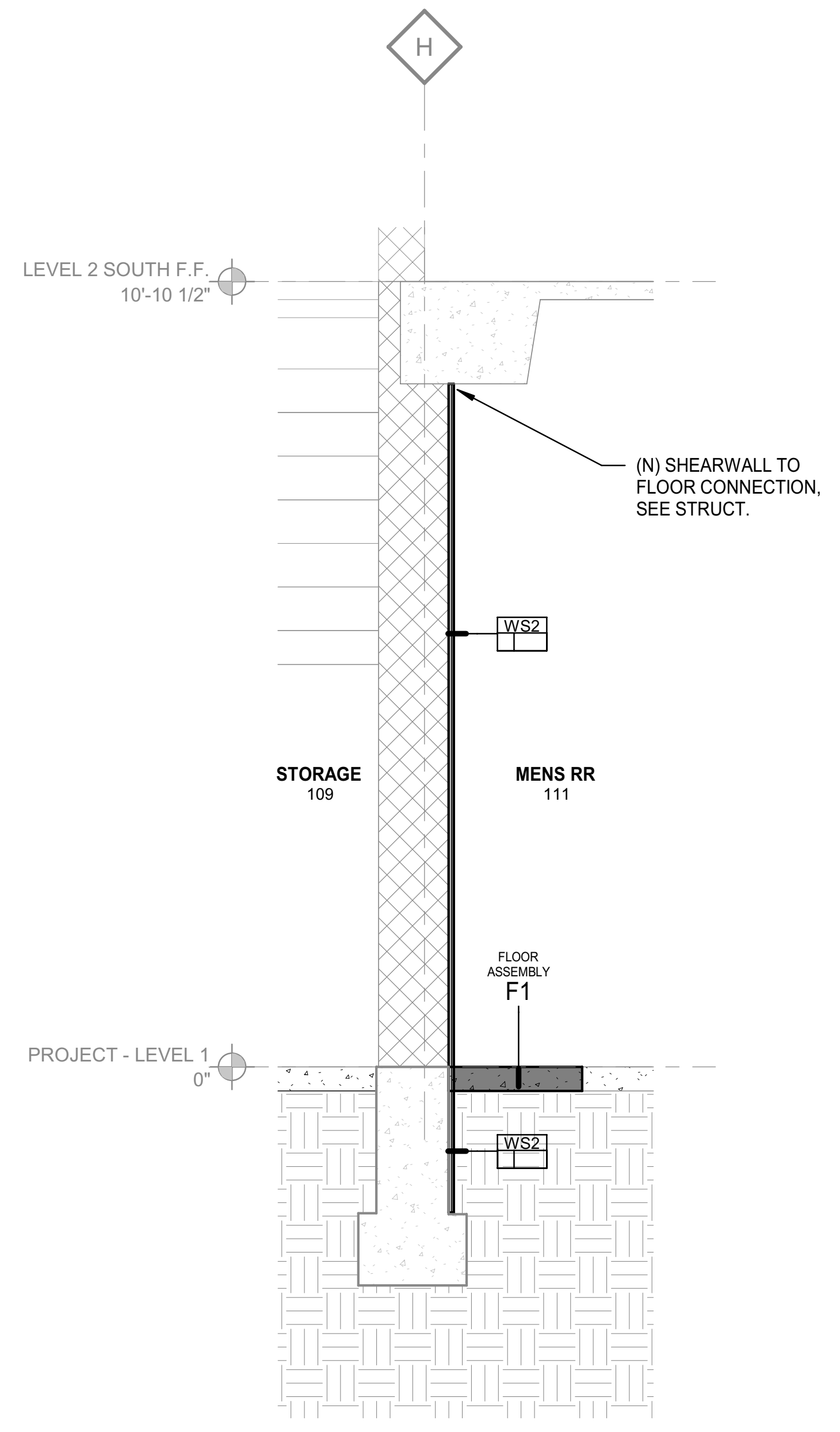

H
(E) RAIL TO REMAIN
UPPER GYM
207
LEVEL 2 SOUTH F.F.
10'-10 1/2"
(N) SHEARWALL TO FLOOR CONNECTION, SEE STRUCT.
REPLACEMENT CEILING/ SOFFIT AT STRUCT. IMPROVEMENTS, MATCH EXIST.
WS1
MAIN GYM
153
CORRIDOR
138
(N) SHEARWALL FOOTING, SEE STRUCT.
FLOOR ASSEMBLY
F1
PROJECT - LEVEL 1
0"

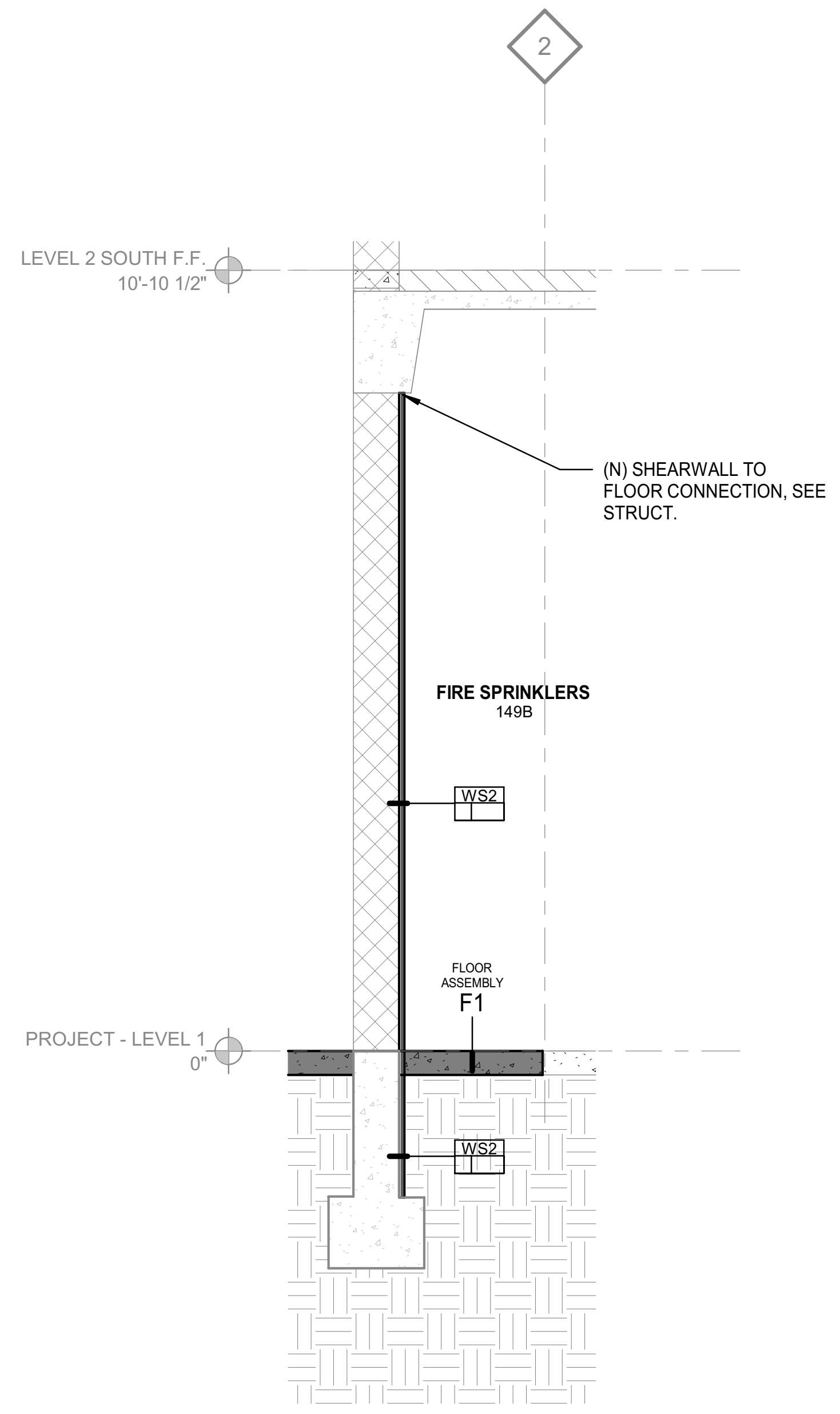
1 WALL SECTION - CORRIDOR
1/2" = 1'-0"



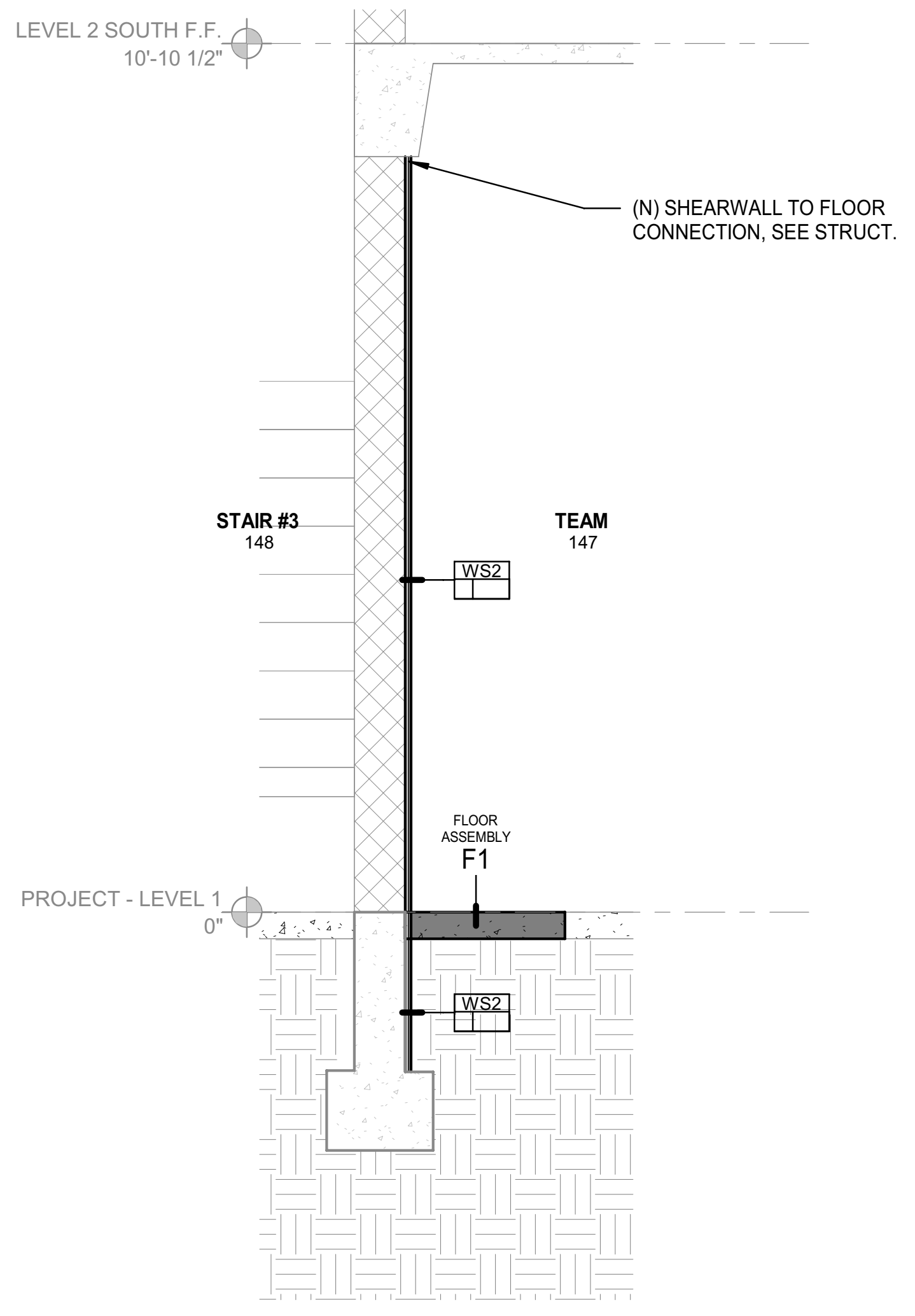
2 WALL SECTION - GYM
1/2" = 1'-0"



3 WALL SECTION - MENS RR
1/2" = 1'-0"



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



5 WALL SECTION - TEAM
1/2" = 1'-0"

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Drawing Title
WALL SECTIONS

Sheet No
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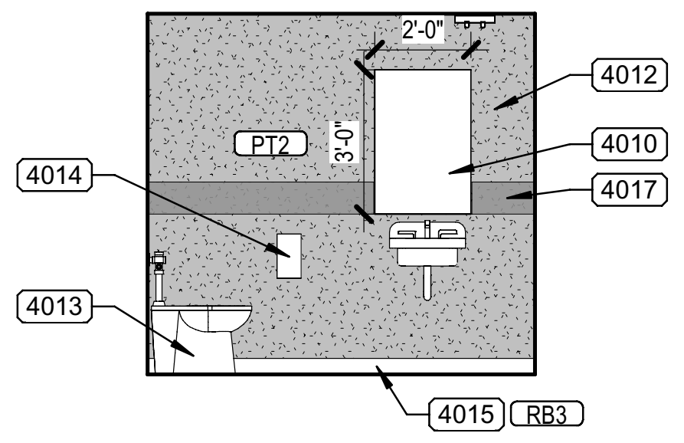
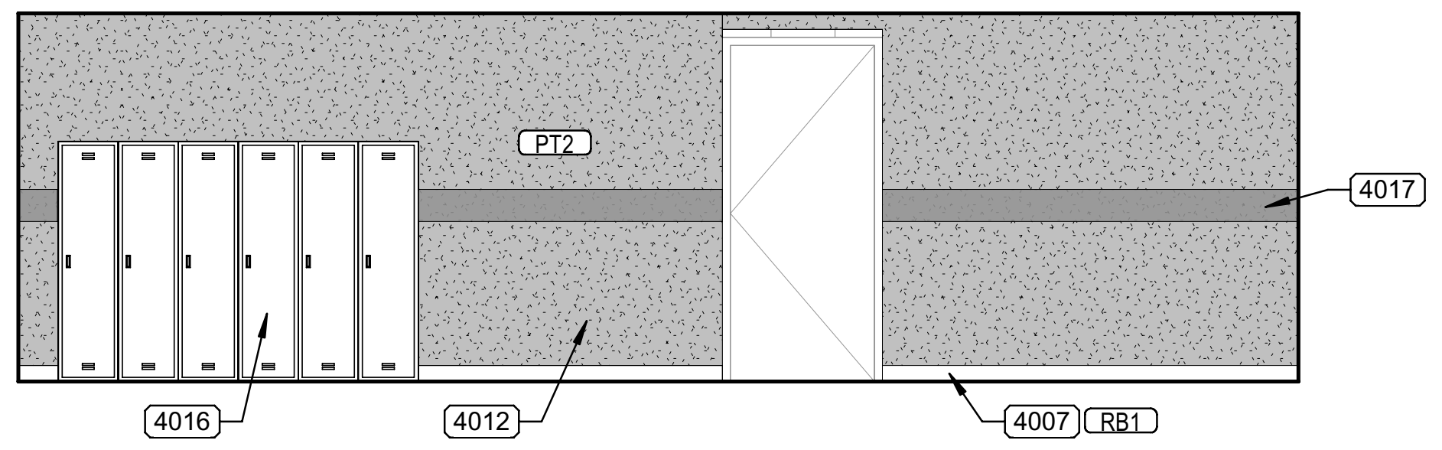
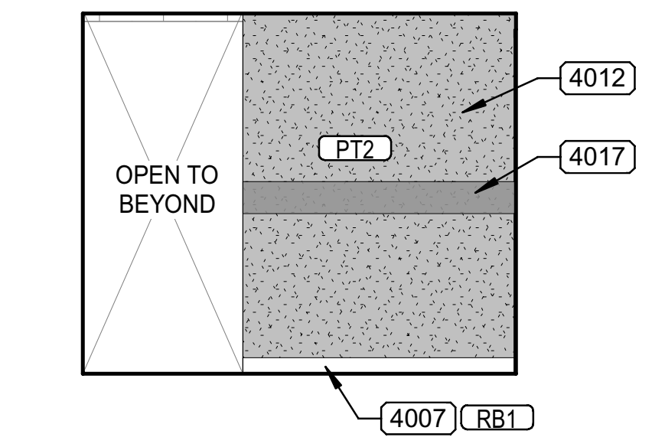


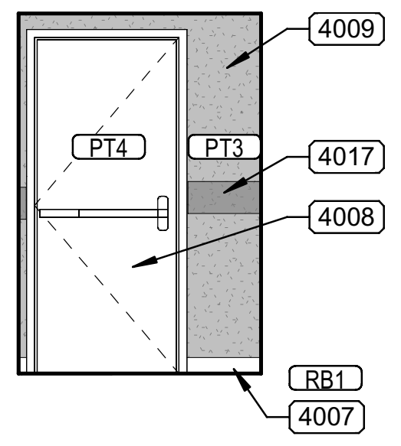
23 118 RR W
1/4" = 1'-0"



24 119 GIRLS LOCKERS W
1/4" = 1'-0"



17 116B W
1/4" = 1'-0"



18 116B N
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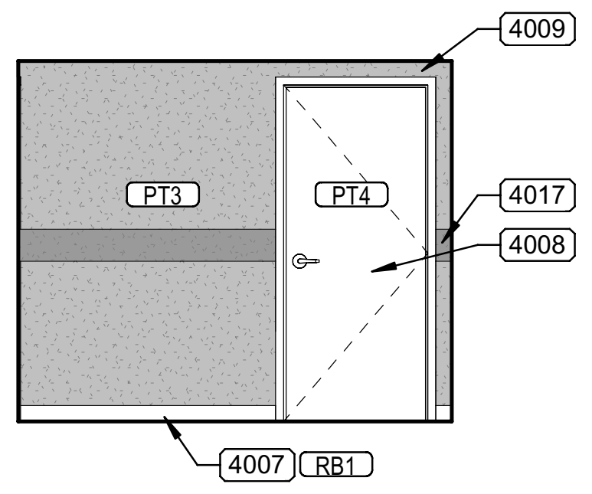

19 116B E
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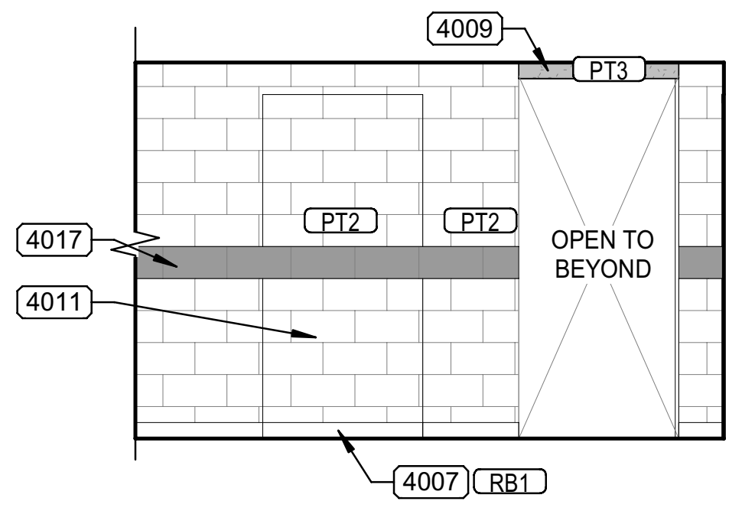
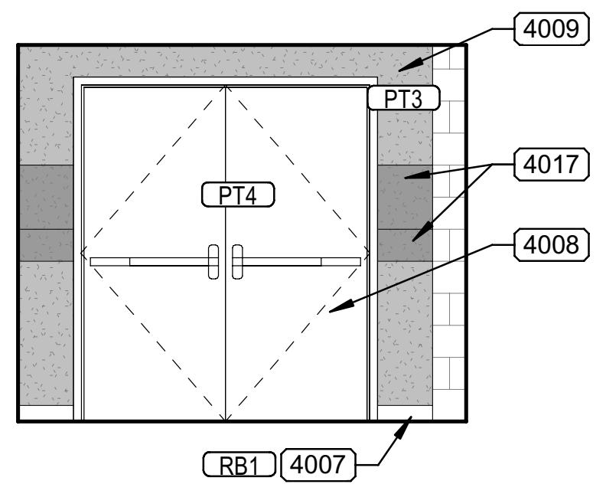


20 138 S2
1/4" = 1'-0"



21 138 W
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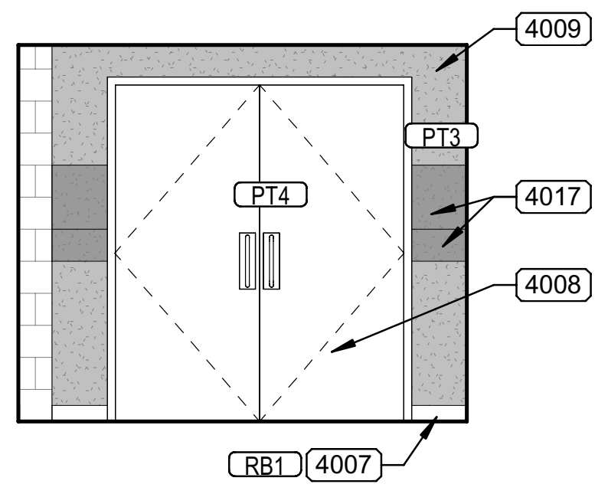

22 138A E
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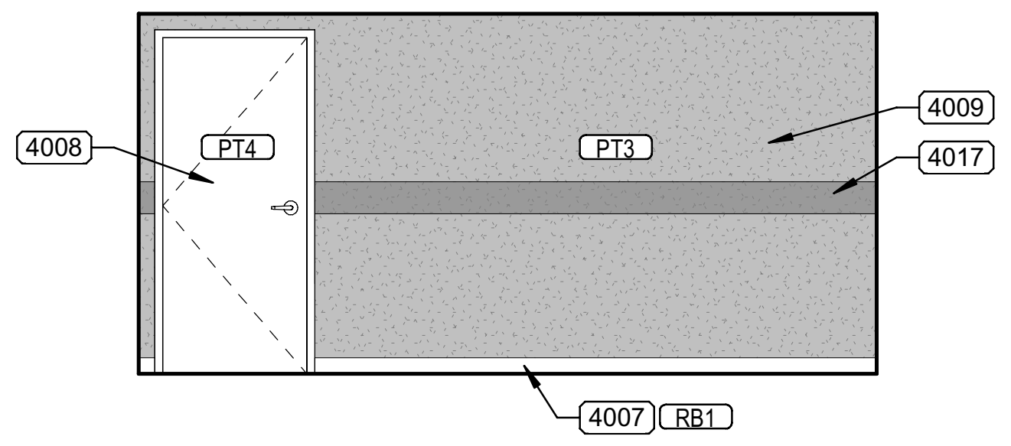
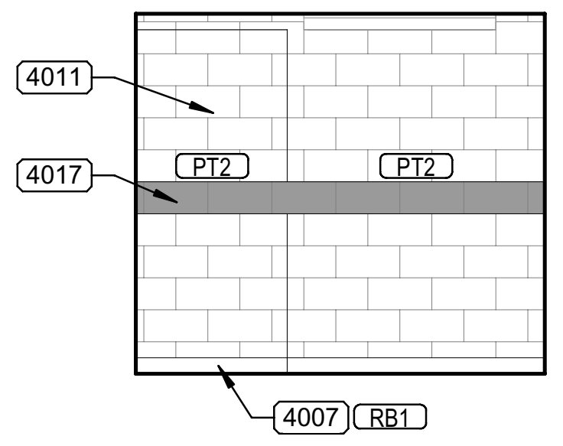


11 116 COACH W
1/4" = 1'-0"



12 116 COACH N
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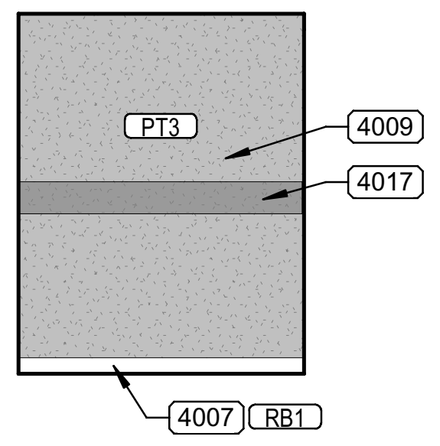

13 116A E
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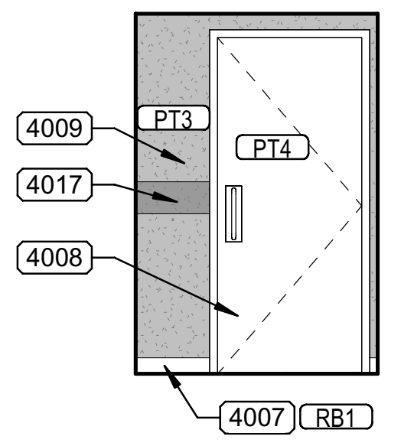
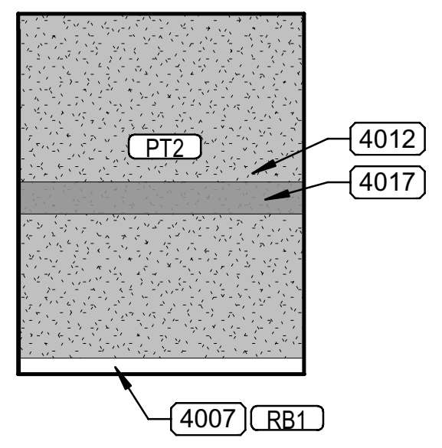


14 116A S
1/4" = 1'-0"



15 116A W
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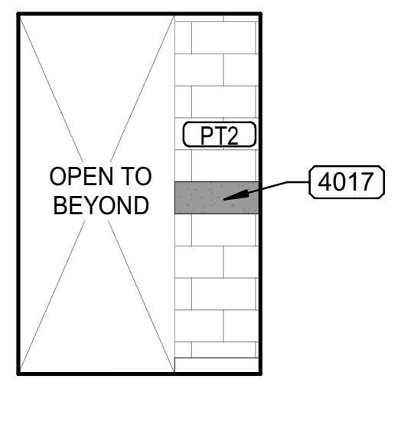

16 116A N
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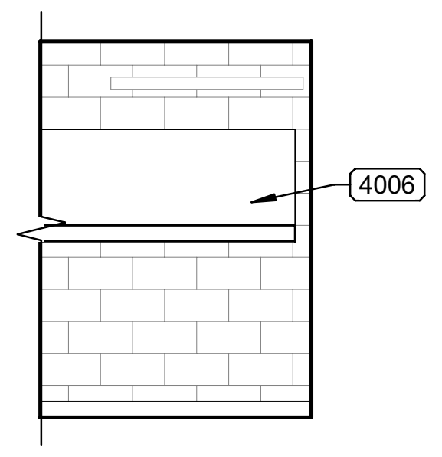
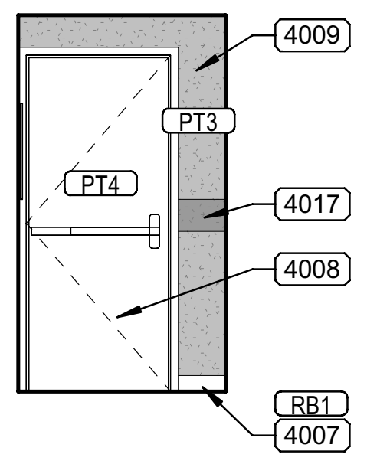
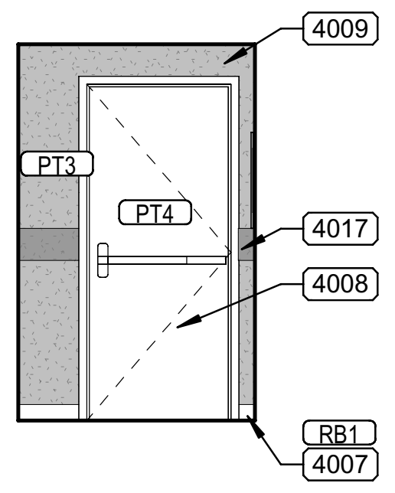


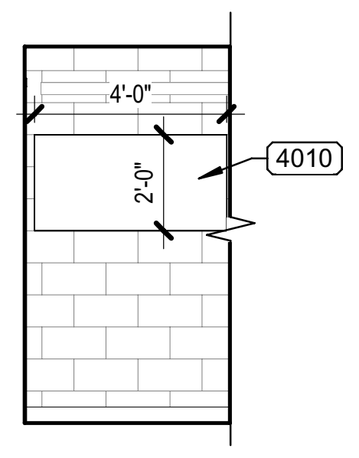
2 113 N
1/4" = 1'-0"



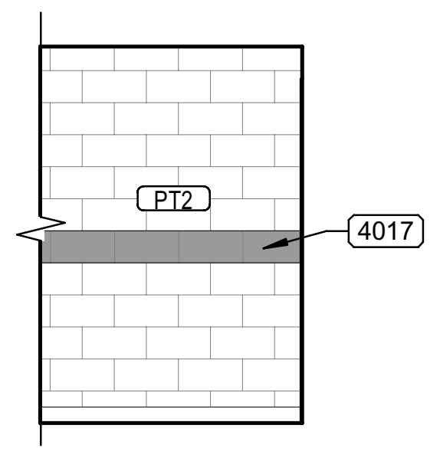
3 113 E1
1/4" = 1'-0"



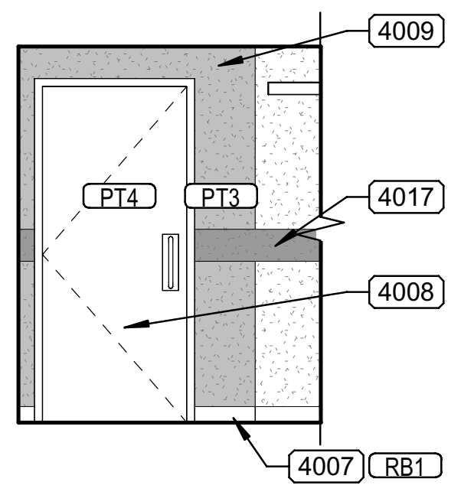
4 113 E2
1/4" = 1'-0"



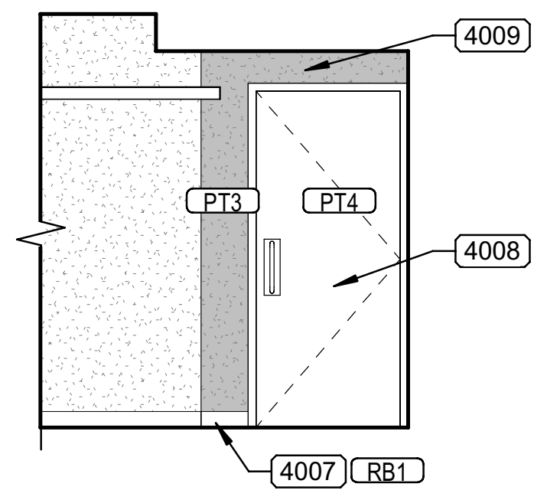
5 113 S
1/4" = 1'-0"



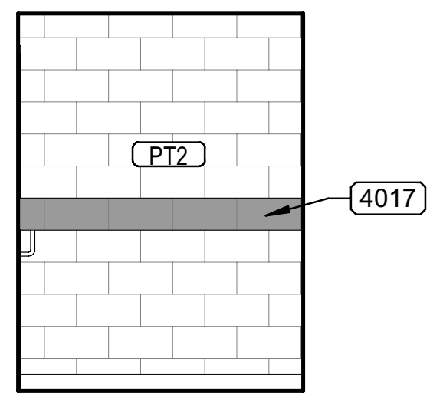
6 113C S
1/4" = 1'-0"



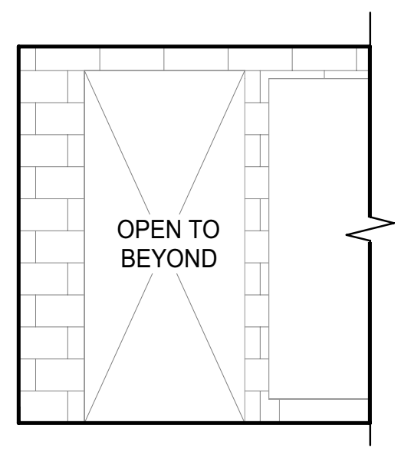
7 113C W1
1/4" = 1'-0"



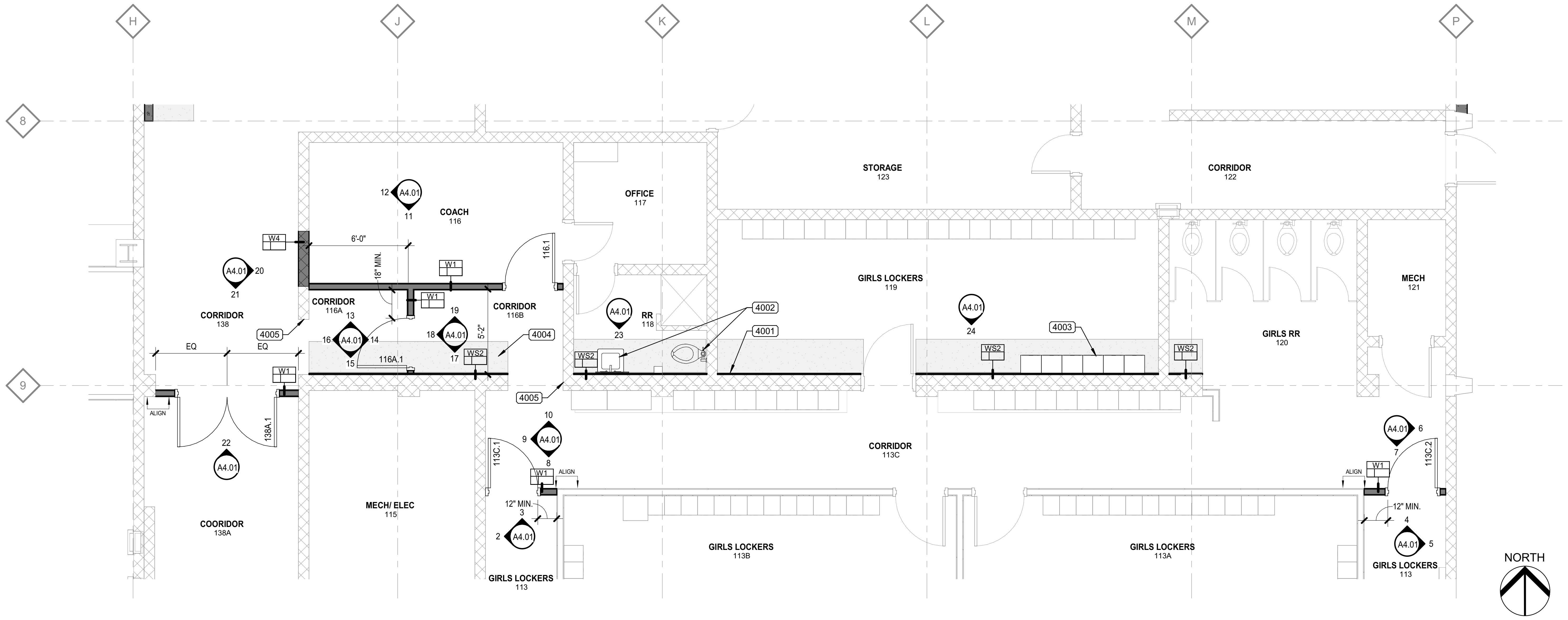
8 113C W2
1/4" = 1'-0"



9 113C N
1/4" = 1'-0"



10 113C E
1/4" = 1'-0"



1 ENLARGED FLOOR PLAN - LEVEL 1
1/4" = 1'-0"

SHEET NOTES - FLOOR PLAN/ ELEV

1. REFERENCE PARTIAL FLOOR PLANS AND DETAILS FOR ADDITIONAL DIMENSIONS AND WALL LOCATES.
2. REFER TO SHEET A0.01 FOR INTERIOR PARTITION TYPES AND KEY.
3. REFER TO SHEET A0.01 FOR DIMENSIONAL STANDARDS.
4. REFER TO SHEET G2.01 FOR ACCESSIBLE DIMENSIONAL REQUIREMENTS AND TYPICAL ACCESSORY MOUNTING HEIGHTS.
5. REFER TO SHEET A9.01 FOR NEW FLOOR FINISHES.
6. ALL ACOUSTIC WALL SEPARATIONS MUST BE SEALED FOR SOUND TRANSMISSION.
7. SEE FF&E RESPONSIBILITY MATRIX ON A9.01 FOR WHO IS PROVIDING OR INSTALLING CERTAIN ITEMS.
8. PROVIDE IN-WALL BACKING FOR ALL WALL-MOUNTED ITEMS.
9. SEE HM FRAME AND DOOR TYPES ON A8.01.

LEGEND - FLOOR PLAN

1 A101 SIM	ENLARGED VIEW MARK 1=SECTION NO. A101= SHEET NO.
XXX.R XX X	PARTITION MARK (REF. PARTITION TYPES)
A 1001	DOOR TAG
▨	AREA OF NO WORK (NOT IN CONTRACT)
▬	NEW WALL
═	EXISTING FRAMED WALL TO REMAIN
☒	EXISTING CMU WALL TO REMAIN

KEYNOTES

4001	(N) FRP SHEARWALL REINFORCEMENT, PAINT
4002	REINSTALLED (E) PLUMBING FIXTURES AT (N) FRP REINFORCING
4003	REINSTALLED (E) LOCKERS
4004	(N) CONC. SLAB AND FLOORING PATCH AT (N) CONC. FOOTING/ FRP FOUNDATION WORK
4005	(N) CMU PATCH AT (N) OPENING, PAINT, TYP
4006	REINSTALLED (E) MIRROR AND SHELF
4007	(N) RESILIENT BASE, TYP.
4008	(N) HM DOORS AND FRAME
4009	(N) GYP BD, TEXTURE AND PAINT
4010	(N) MIRROR
4011	(N) CMU WALL INFILL, PAINT
4012	(N) FRP SHEARWALL REINFORCEMENT W/ CEMENTITIOUS COATING, PAINT
4013	REINSTALLED (E) PLUMBING FIXTURES AT (N) FRP REINFORCING, TYP.
4014	REINSTALLED (E) TOILET PAPER DISPENSER
4015	(N) COVE BASE PATCH AT RESTROOM FLOOR, MATCH (E)
4016	REINSTALLED (E) LOCKERS
4017	PAINT ACCENT BAND, MATCH (E) ADJACENT COLOR AND PATTERN

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Consultant

Revisions

No.	Description	Date

Date	**04/01/24**
Job No.	**23_40**
Drawn By	**Author**
Checked By	**Checker**

100% CD

Date
04/01/24

Project Number
23_40

Drawing Title
ENLARGED FLOOR PLANS/ INTERIOR ELEVATIONS

Sheet No
A4.01

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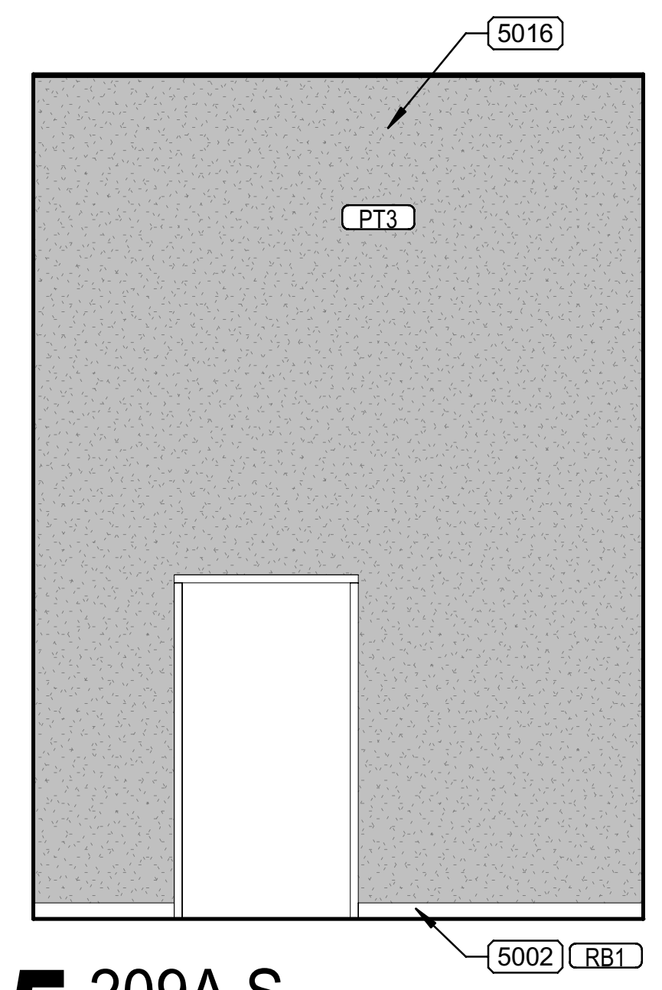
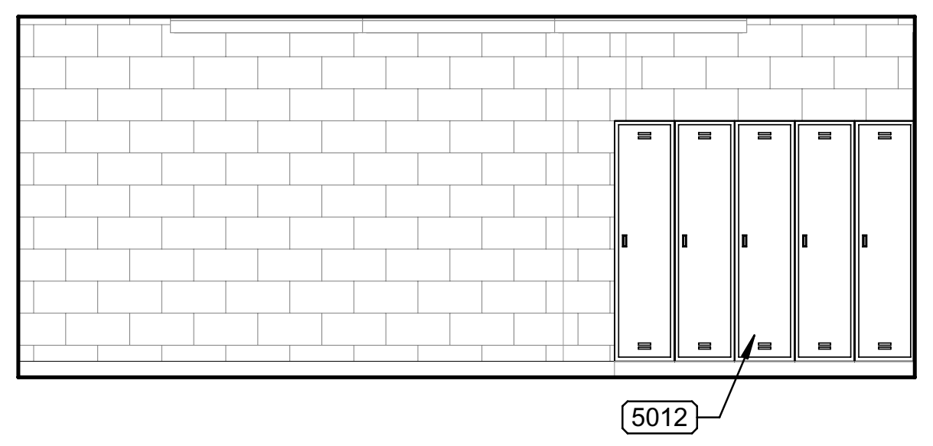
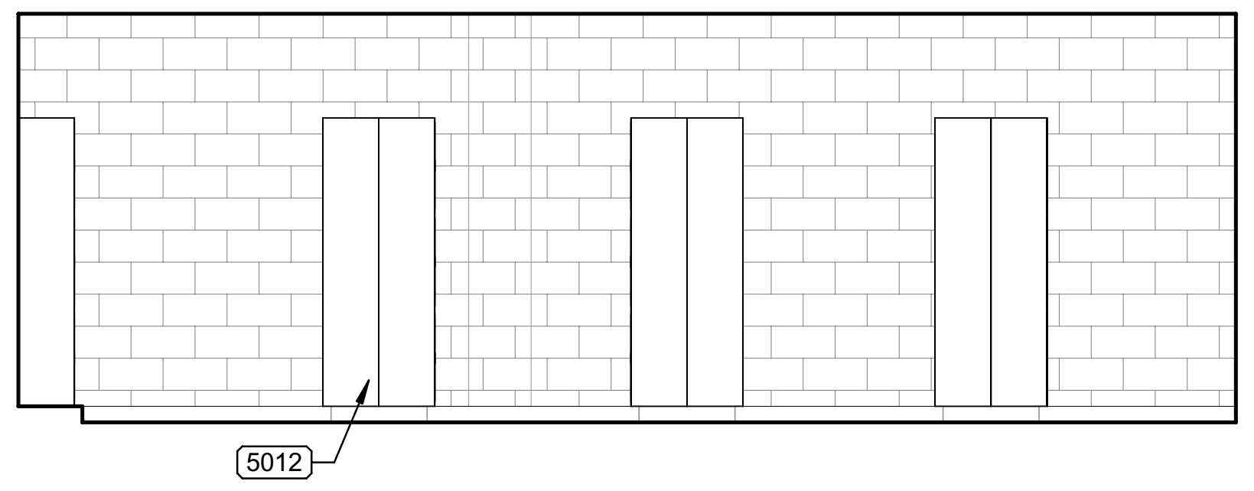


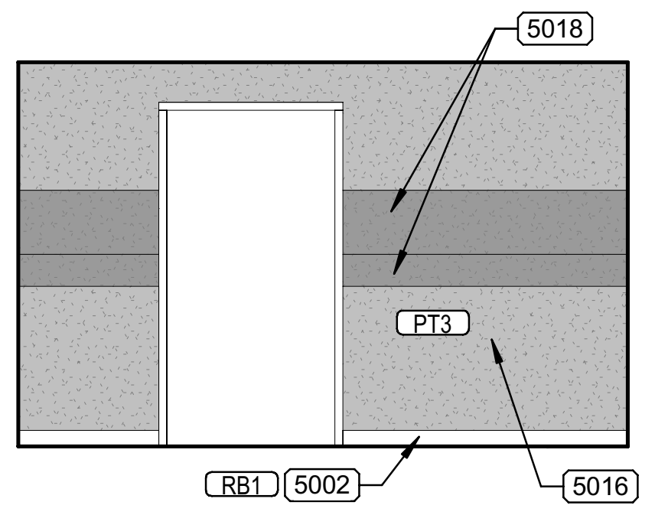
15 209A S
1/4" = 1'-0"



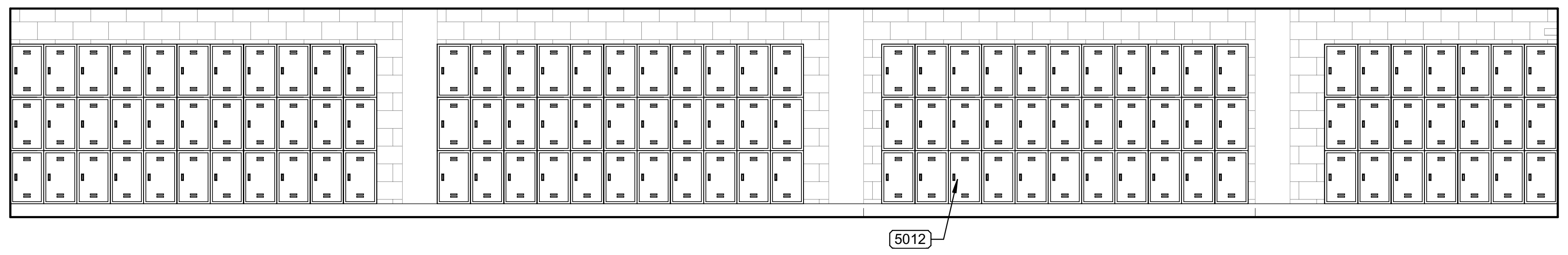
12 142 COACH E
1/4" = 1'-0"



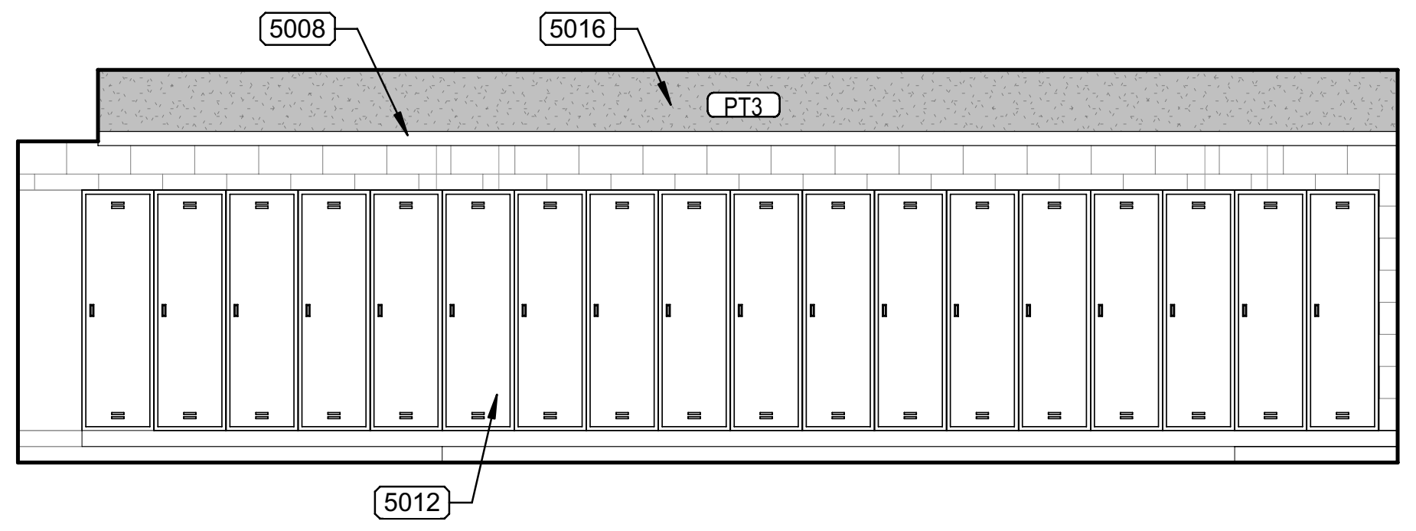
13 126 BOYS LOCKERS S
1/4" = 1'-0"



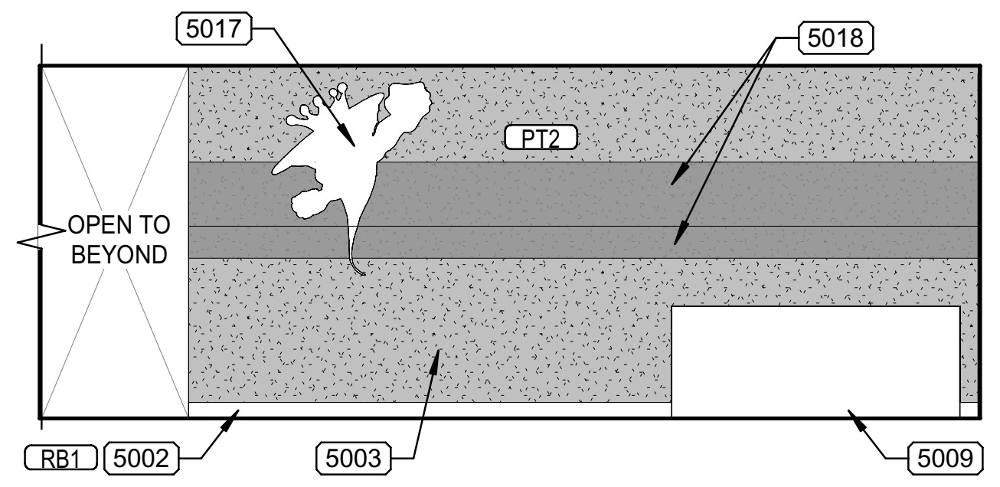
14 138 S1
1/4" = 1'-0"



10 113 GIRLS LOCKER W
1/4" = 1'-0"



11 143 TEAM E
1/4" = 1'-0"



5 101 ENTRY S
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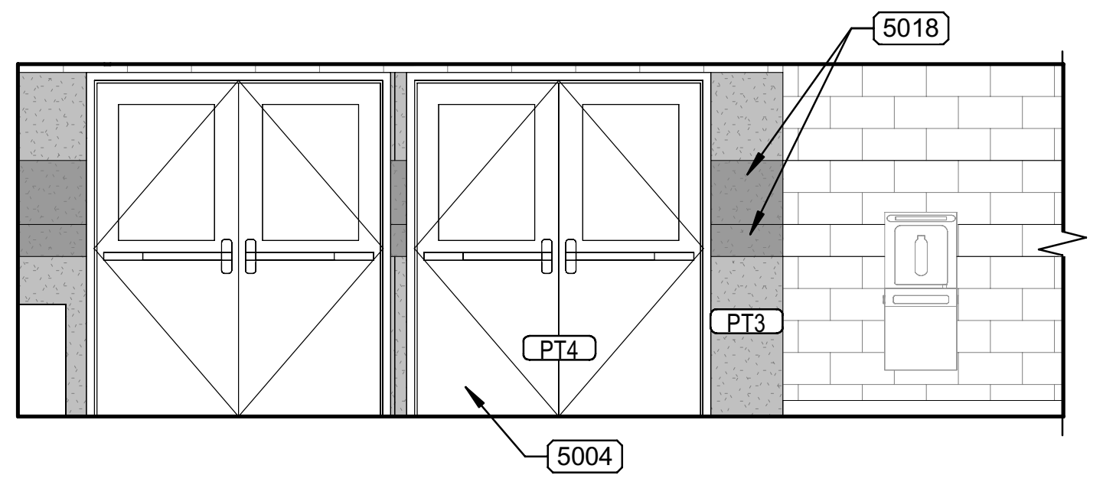

6 101 ENTRY W2
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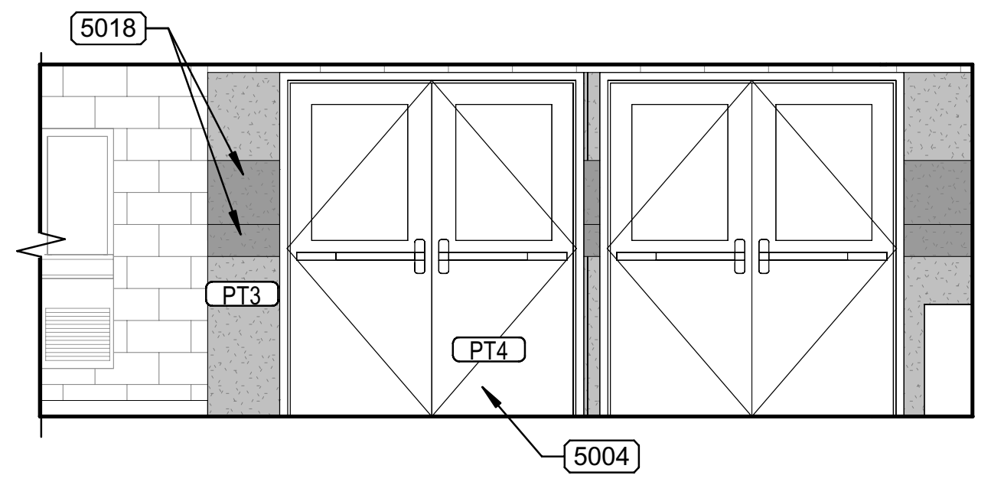

7 101 ENTRY W1
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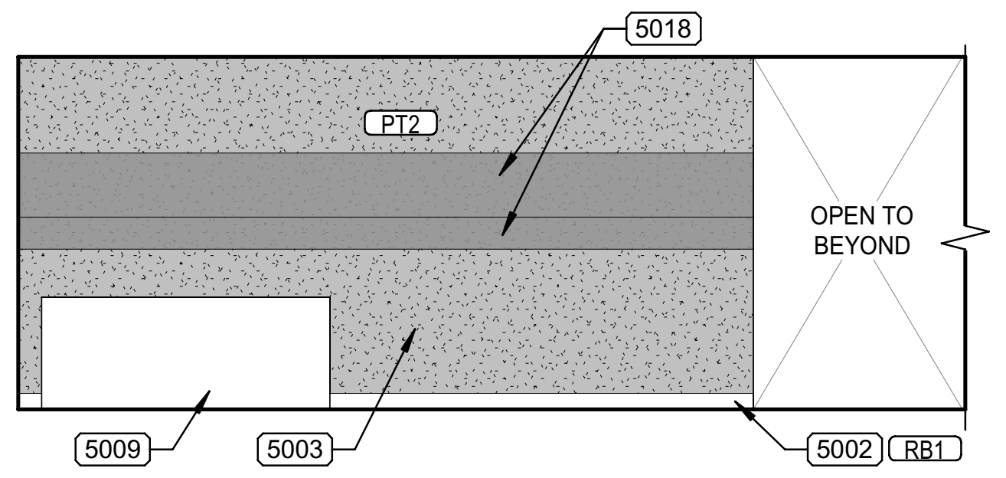

8 101 ENTRY N
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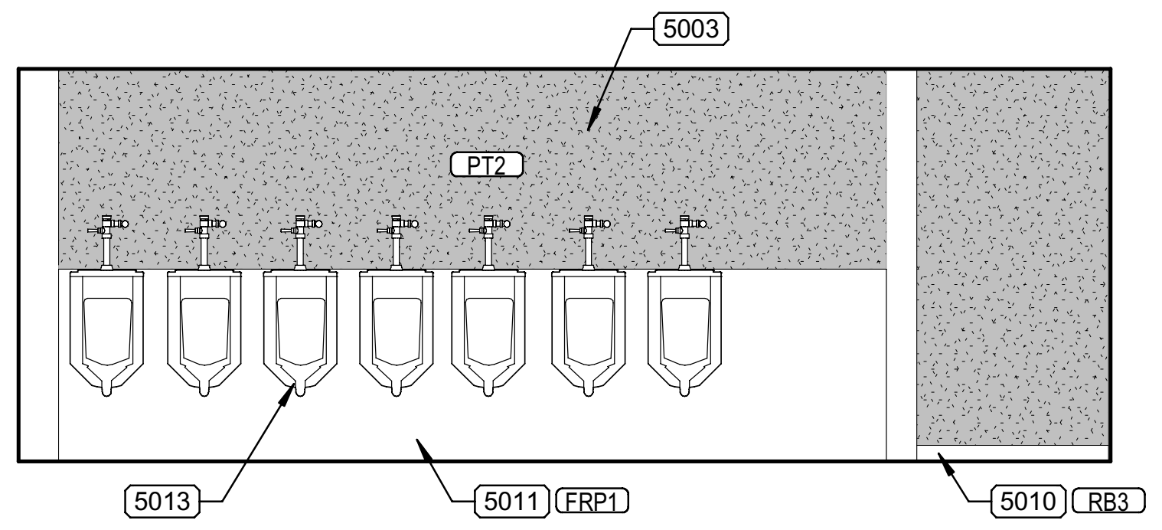
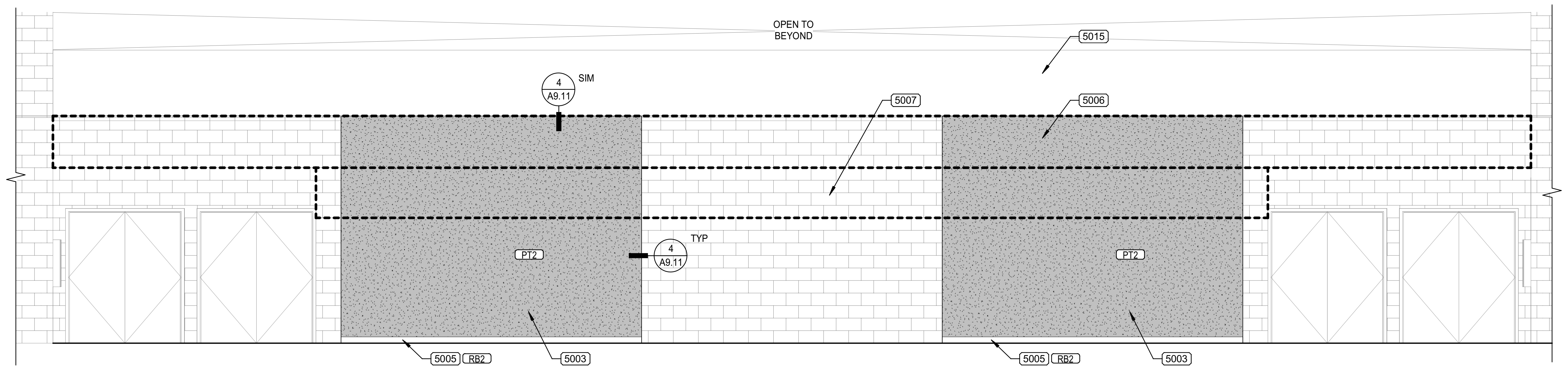
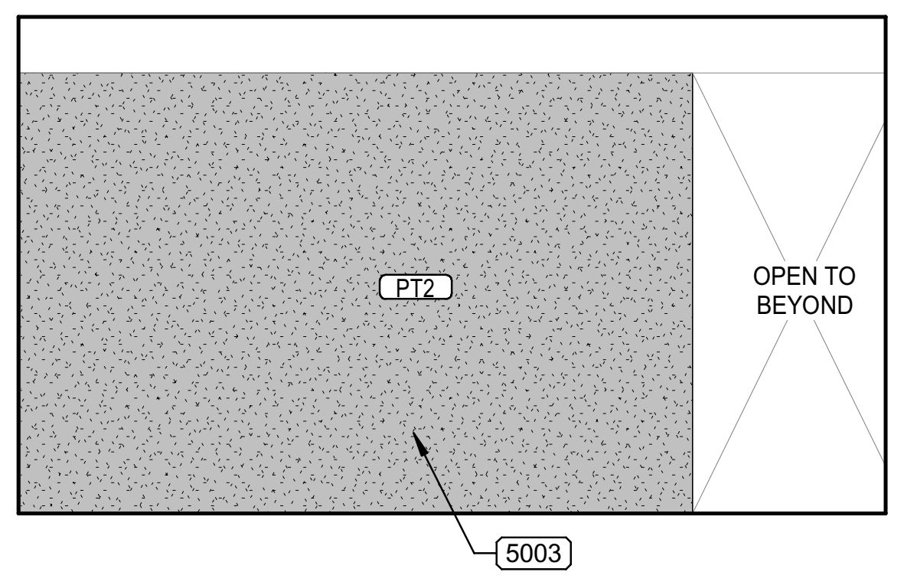


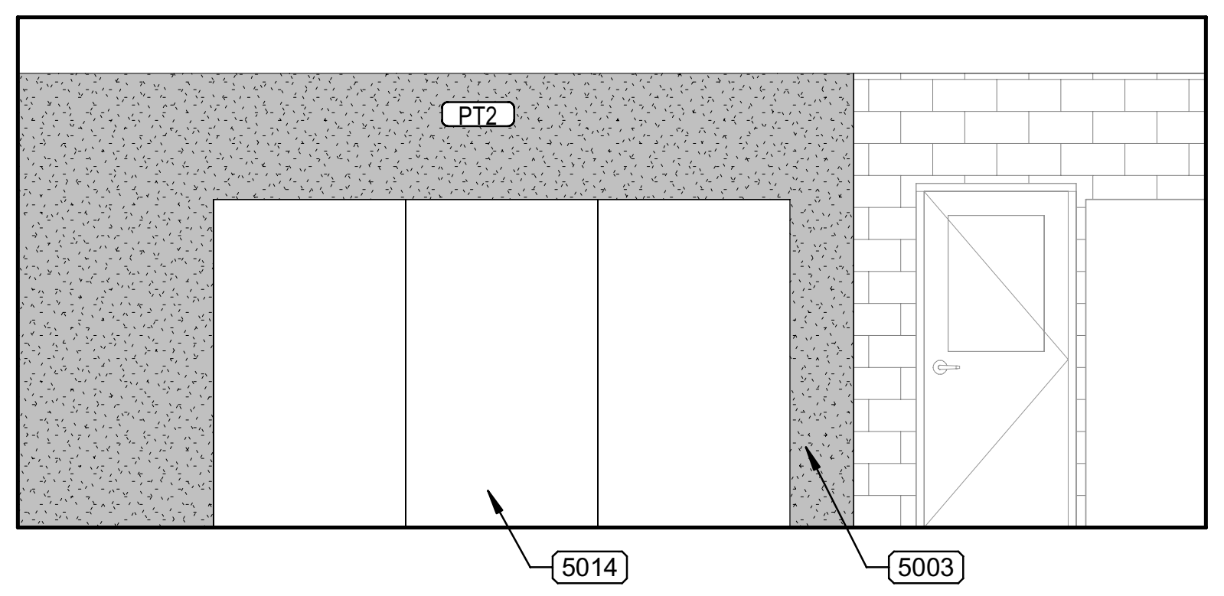
9 111 MENS RR N
1/4" = 1'-0"



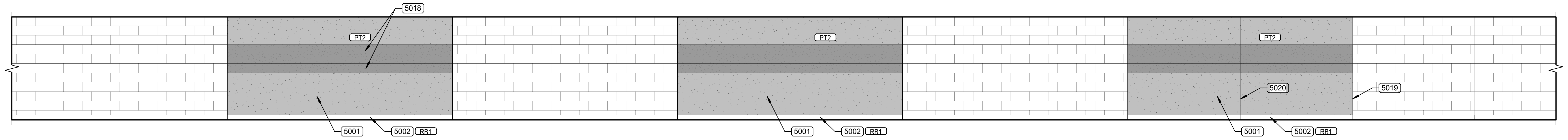
2 153 MAIN GYM W
1/4" = 1'-0"



3 149B FIRE SRPK. E
1/4" = 1'-0"



4 147 TEAM E
1/4" = 1'-0"



1 138 CORRIDOR N
1/4" = 1'-0"

SHEET NOTES

1. REFER TO TYPICAL MOUNTING HEIGHTS AND ACC. DIMENSIONAL STANDARDS ON G2.01.
2. SEE FF&E RESPONSIBILITY MATRIX ON A9.01 FOR WHO IS PROVIDING OR INSTALLING CERTAIN ITEMS.
3. PROVIDE IN-WALL BACKING FOR ALL WALL-MOUNTED ITEMS.
4. VERIFY ALL FIRE EXTINGUISHER LOCATIONS WITH FIRE CODE OFFICIAL PRIOR TO INSTALL.
5. SEE HM FRAME AND DOOR TYPES ON A8.01.

KEYNOTES

5001	(N) CONC. SHEARWALL, SMOOTH FINISH, PAINT
5002	(N) RESILIENT BASE, TYP.
5003	(N) FRP SHEARWALL REINFORCEMENT W/ CEMENTITIOUS COATING, PAINT
5004	(N) HM DOORS AND FRAME
5005	(N) VENTED GYM BASE, MATCH (E)
5006	REINSTALLED (E) RECORD BOARD, MODIFY AND SHIM AS NEEDED
5007	REPAINTED "NORTH MEDFORD" MURAL, 32" HIGH ACCENT BACKGROUND, 26" HIGH ACCENT LETTERS W/ WHITE 2" BORDER
5008	(N) 1X4 WD TRIM, MATCH (E), PAINT
5009	(N) UNIT HEATER, SEE MECH.
5010	(N) COVE BASE PATCH AT RESTROOM FLOOR, MATCH (E)
5011	(N) 4' H. FRP WAINSCOT
5012	REINSTALLED (E) LOCKERS
5013	REINSTALLED (E) PLUMBING FIXTURES AT (N) FRP REINFORCING, TYP.
5014	REINSTALLED (E) CASEWORK
5015	(E) RAILING
5016	(N) GYP BD, TEXTURE AND PAINT
5017	REINSTALLED (E) ILLUMINATED SCHOOL LOGO SIGN, PROVIDE POWER
5018	PAINT ACCENT BAND, MATCH (E) ADJACENT COLOR AND PATTERN
5019	3/4" CHAMFER AT CONC. WALL CORNER, TYP.
5020	1 1/2" x 3/4" VERTICAL "V" REVEAL AT CONC. WALL, CENTER ON WALL, TYP.

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Project

Consultant

Revisions

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Date	04/01/24
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Project Number
23_40

Drawing Title
INTERIOR ELEVATIONS

Sheet No
A5.01

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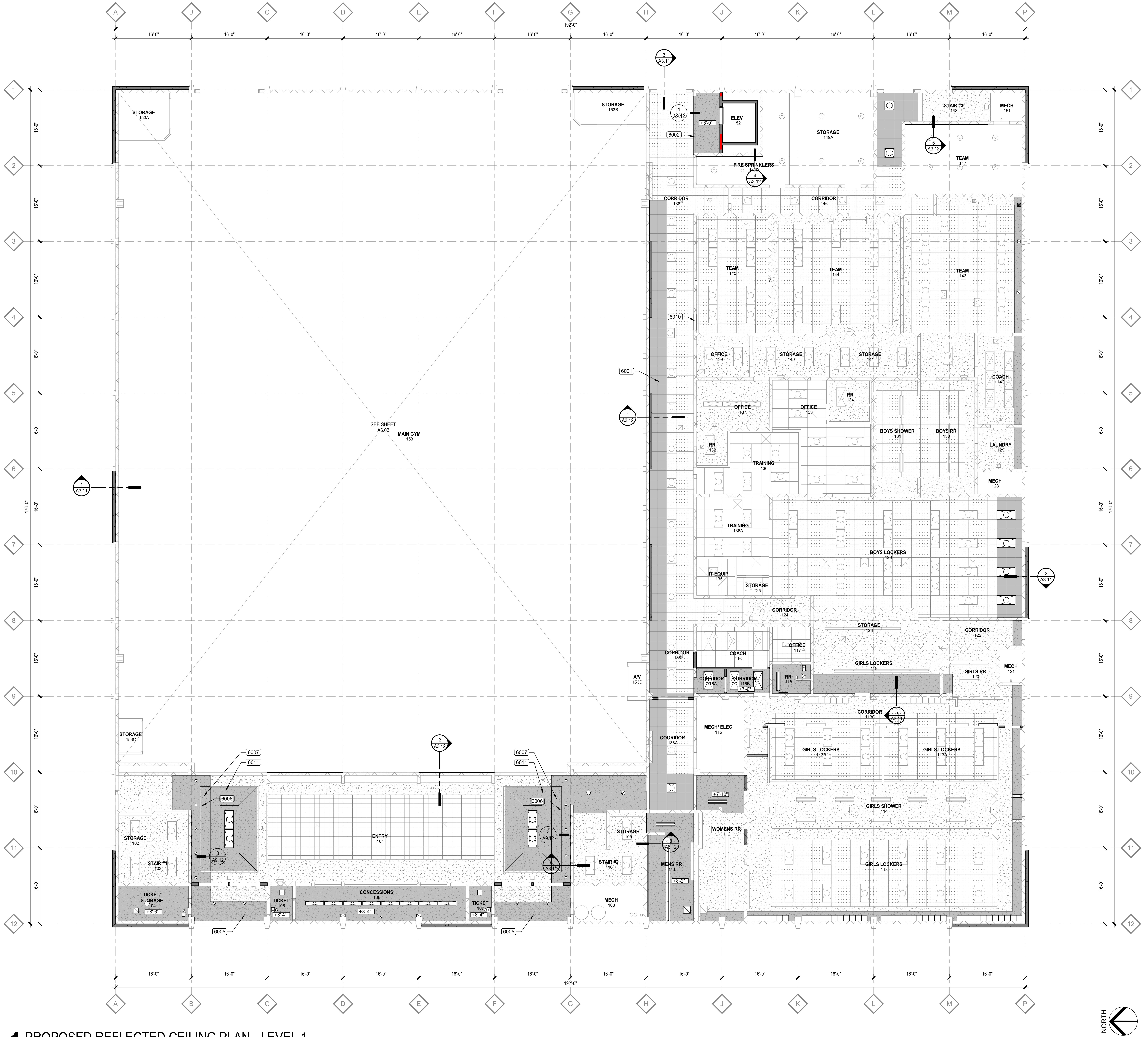

1 PROPOSED REFLECTED CEILING PLAN - LEVEL 1

1/8" = 1'-0"

SHEET NOTES - REF. CEILING PLAN

1. REFER TO ENGINEER'S DRAWINGS FOR LIGHT SWITCHING AND SPECIFICATION, EXIT SIGN LOCATIONS, AND ELECTRICAL AND MECHANICAL SYSTEMS.
2. REPORT TO ARCHITECT ANY CONFLICTS BETWEEN ELECTRICAL, MECHANICAL, OR STRUCTURAL DRAWINGS AND THIS LAYOUT.
3. ALL NEW VISIBLE STRUCTURE, DUCTWORK, PIPES, CONDUITS, AND OTHER ASSOCIATED COMPONENTS NOT FULLY CONCEALED BEHIND A CONTINUOUS CEILING TO BE PAINTED.
4. ALL LIGHTS AND GRIDS ARE TO BE CENTERED IN ROOM, UON.
5. VERIFY ALL CEILING AND SOFFIT HEIGHTS. REPLACEMENT CEILING AND SOFFIT HEIGHTS TO MATCH EXISTING HEIGHTS, UON.
6. MATCH EXISTING CEILING TYPE, SOFFIT TYPE, AND TRIM AT ALL PARTIALLY REPLACED CEILINGS AND SOFFITS, UNLESS NOTED OTHERWISE.
7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL CEILING SCOPE.
8. SEE ELECTRICAL DRAWINGS FOR ONE-TO-ONE LIGHT FIXTURE REPLACEMENT SCOPE.

LEGEND - REF. CEILING PLAN

⊕ X'-XX"	CEILING SPOT HEIGHT
+X'-X"	FINISH CEILING HEIGHT ABOVE FINISH FLOOR
X'-X" B/ FIXT	LIGHT FIXTURE HEIGHT ABOVE FIN FLOOR TO BOTTOM OF FIXTURE, TYP FOR ROOM UON
▨	(N) GYP BD CEILING / SOFFIT, TEXTURE AND PAINT
▦	(N) 2 X 2 ACOUSTIC CEILING TILE
◫	CEILING ACCESS PANEL
☒	AIR TERMINAL SHOWN FOR LOCATION ONLY - NOT ALL LOCATIONS MAY BE SHOWN; SEE MECHANICAL DRAWINGS FOR QTY
⊙ ⊕ ▭	LIGHT FIXTURE TYPES - SEE ELECTRICAL

KEYNOTES

6001	(N) CEILING GRID AND CEILING TILES AT (N) SHEARWALLS, TYP.
6002	(N) FRAMED BULKHEAD AT (E) CEILING
6005	(N) PATCH AT (E) STUCCO SOFFIT
6006	(N) WD TRIM AT SOFFIT, MATCH (E), PAINT
6007	(N) CEILING FRAMING AND GYP BD CEILING
6010	(N) FRAMED WALL ABOVE (N) HM DOOR
6011	(N) GYP BD CEILING FINISH

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Project Number
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Drawing Title
PROPOSED REFLECTED CEILING PLAN - LEVEL 1

Sheet No
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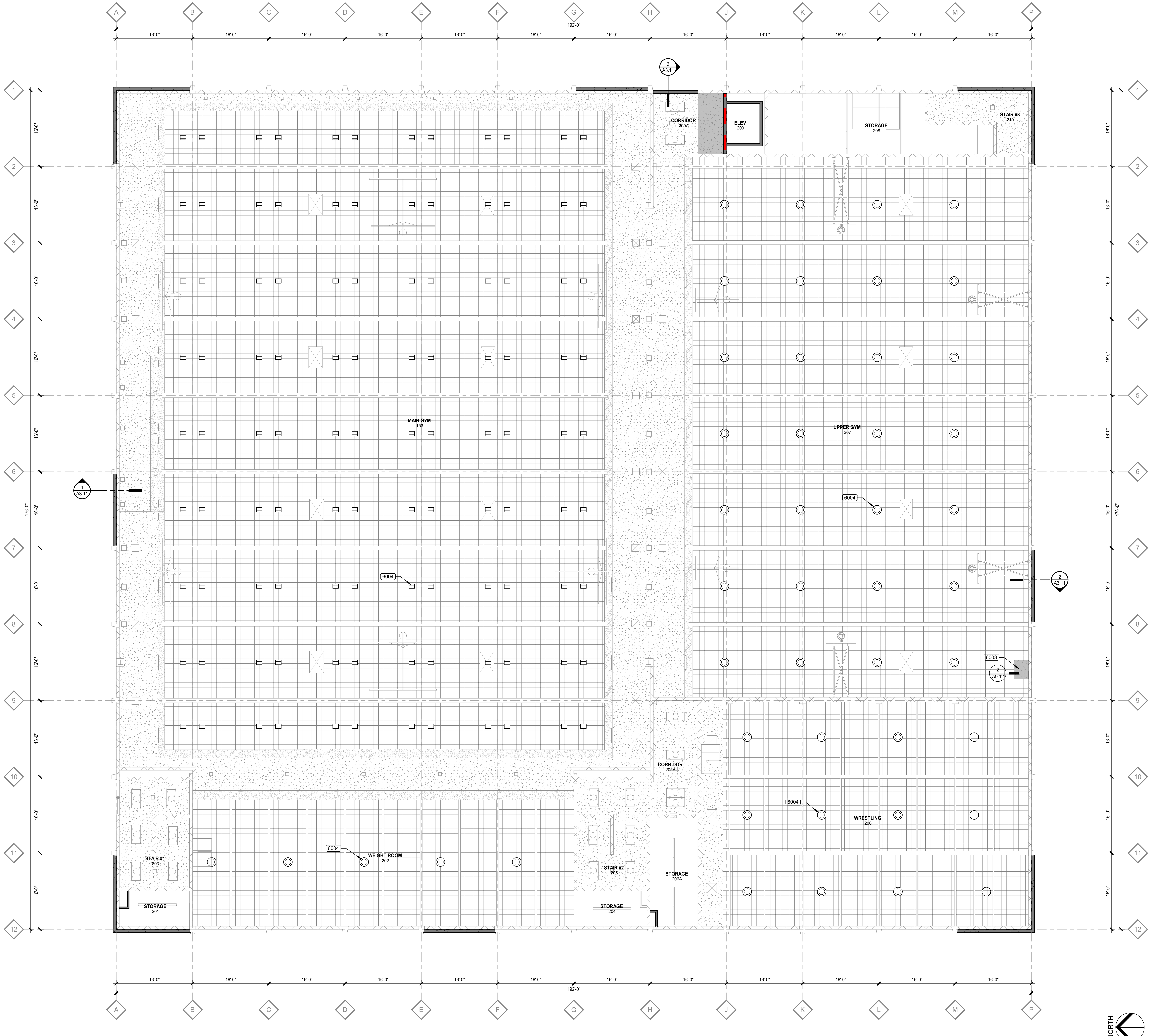

1 PROPOSED REFLECTED CEILING PLAN - LEVEL 2

1/8" = 1'-0"

SHEET NOTES - REF. CEILING PLAN

1. REFER TO ENGINEER'S DRAWINGS FOR LIGHT SWITCHING AND SPECIFICATION, EXIT SIGN LOCATIONS, AND ELECTRICAL AND MECHANICAL SYSTEMS.
2. REPORT TO ARCHITECT ANY CONFLICTS BETWEEN ELECTRICAL, MECHANICAL, OR STRUCTURAL DRAWINGS AND THIS LAYOUT.
3. ALL NEW VISIBLE STRUCTURE, DUCTWORK, PIPES, CONDUITS, AND OTHER ASSOCIATED COMPONENTS NOT FULLY CONCEALED BEHIND A CONTINUOUS CEILING TO BE PAINTED.
4. ALL LIGHTS AND GRIDS ARE TO BE CENTERED IN ROOM, UON.
5. VERIFY ALL CEILING AND SOFFIT HEIGHTS. REPLACEMENT CEILING AND SOFFIT HEIGHTS TO MATCH EXISTING HEIGHTS, UON.
6. MATCH EXISTING CEILING TYPE, SOFFIT TYPE, AND TRIM AT ALL PARTIALLY REPLACED CEILINGS AND SOFFITS, UNLESS NOTED OTHERWISE.
7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL CEILING SCOPE.
8. SEE ELECTRICAL DRAWINGS FOR ONE-TO-ONE LIGHT FIXTURE REPLACEMENT SCOPE.

LEGEND - REF. CEILING PLAN

X'-XX"	CEILING SPOT HEIGHT
+X'-X"	FINISH CEILING HEIGHT ABOVE FINISH FLOOR
X'-X" B/ FIXT	LIGHT FIXTURE HEIGHT ABOVE FIN FLOOR TO BOTTOM OF FIXTURE, TYP FOR ROOM UON
▨	(N) GYP BD CEILING / SOFFIT, TEXTURE AND PAINT
▦	(N) 2 X 2 ACOUSTIC CEILING TILE
⊠	CEILING ACCESS PANEL
☒	AIR TERMINAL SHOWN FOR LOCATION ONLY - NOT ALL LOCATIONS MAY BE SHOWN; SEE MECHANICAL DRAWINGS FOR QTY
⊙ ⊕	LIGHT FIXTURE TYPES - SEE ELECTRICAL

KEYNOTES

6003	(N) GYP BD CEILING PATCH AT DAMAGED ADHERED CEILING TILES AT ROOF DRAIN PIPE, PAINT
6004	(N) HIGH-BAY LED LIGHT FIXTURES, SUPPLIED BY DISTRICT, SEE ELEC.

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PROPOSED REFLECTED CEILING PLAN - LEVEL 2

Sheet No
A6.02

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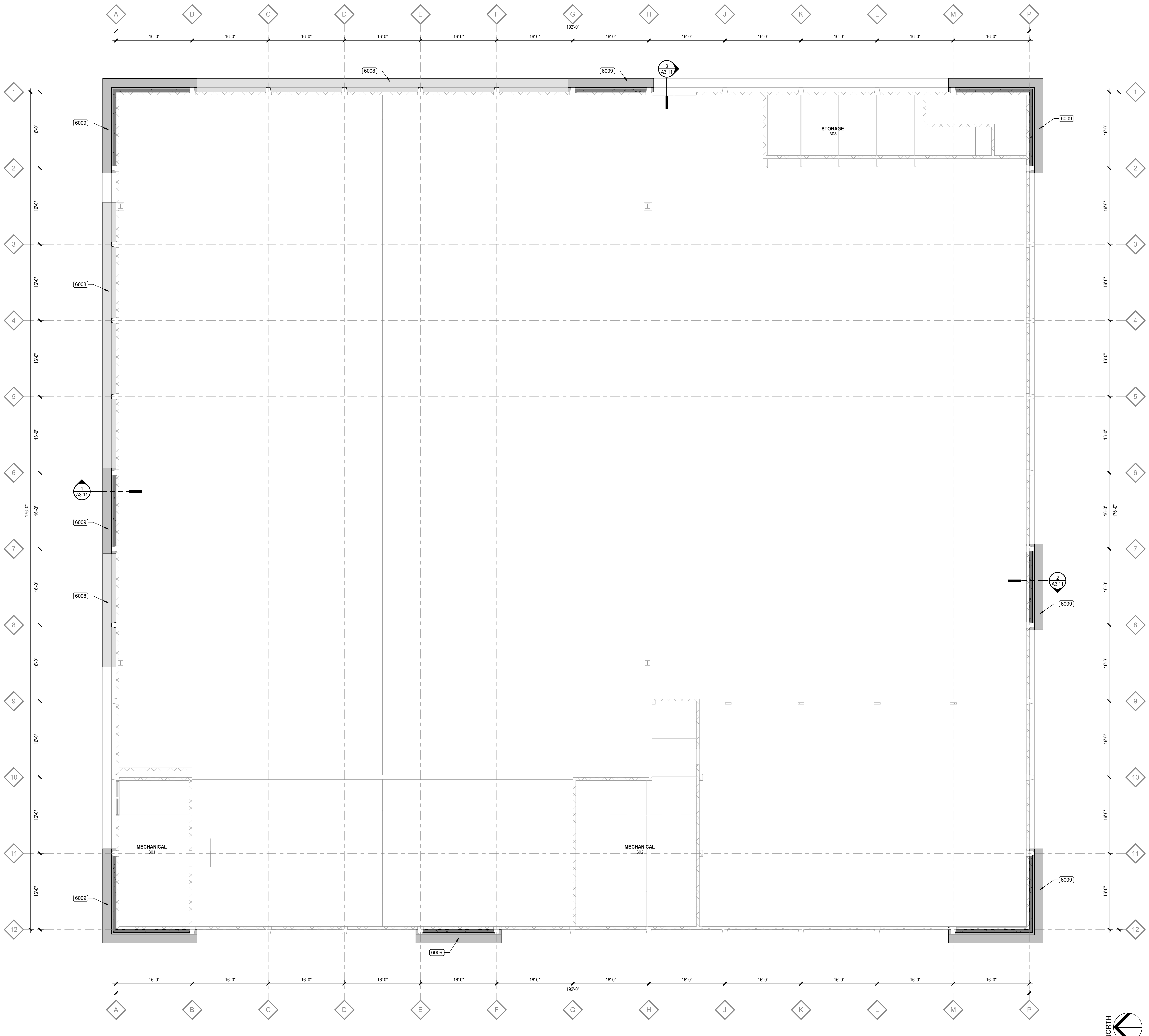

1 PROPOSED REFLECTED CEILING PLAN - LEVEL 3

1/8" = 1'-0"

SHEET NOTES - REF. CEILING PLAN

1. REFER TO ENGINEER'S DRAWINGS FOR LIGHT SWITCHING AND SPECIFICATION, EXIT SIGN LOCATIONS, AND ELECTRICAL AND MECHANICAL SYSTEMS.
2. REPORT TO ARCHITECT ANY CONFLICTS BETWEEN ELECTRICAL, MECHANICAL, OR STRUCTURAL DRAWINGS AND THIS LAYOUT.
3. ALL NEW VISIBLE STRUCTURE, DUCTWORK, PIPES, CONDUITS, AND OTHER ASSOCIATED COMPONENTS NOT FULLY CONCEALED BEHIND A CONTINUOUS CEILING TO BE PAINTED.
4. ALL LIGHTS AND GRIDS ARE TO BE CENTERED IN ROOM, UON.
5. VERIFY ALL CEILING AND SOFFIT HEIGHTS. REPLACEMENT CEILING AND SOFFIT HEIGHTS TO MATCH EXISTING HEIGHTS, UON.
6. MATCH EXISTING CEILING TYPE, SOFFIT TYPE, AND TRIM AT ALL PARTIALLY REPLACED CEILINGS AND SOFFITS, UNLESS NOTED OTHERWISE.
7. REFER TO NON-ARCHITECTURAL SHEETS FOR ADDITIONAL CEILING SCOPE.
8. SEE ELECTRICAL DRAWINGS FOR ONE-TO-ONE LIGHT FIXTURE REPLACEMENT SCOPE.

LEGEND - REF. CEILING PLAN

⊕ X'-XX"	CEILING SPOT HEIGHT
+X'-X"	FINISH CEILING HEIGHT ABOVE FINISH FLOOR
X'-X" B/ FIXT	LIGHT FIXTURE HEIGHT ABOVE FIN FLOOR TO BOTTOM OF FIXTURE, TYP FOR ROOM UON
▨	(N) GYP BD CEILING / SOFFIT, TEXTURE AND PAINT
▦	(N) 2 X 2 ACOUSTIC CEILING TILE
◫	CEILING ACCESS PANEL
⊠	AIR TERMINAL SHOWN FOR LOCATION ONLY - NOT ALL LOCATIONS MAY BE SHOWN; SEE MECHANICAL DRAWINGS FOR QTY
⊙ ⊕ ▭	LIGHT FIXTURE TYPES - SEE ELECTRICAL

KEYNOTES

6008	(N) REPLACEMENT SOFFIT PANEL AND SHINGLES AT (E) STEEL GIRDER AND GLU-LAM
6009	(N) PARTIAL MANSARD PARAPET W/ SHINGLE SIDING, MATCH (E)

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Project Number
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Drawing Title
PROPOSED REFLECTED CEILING PLAN - LEVEL 3

Sheet No
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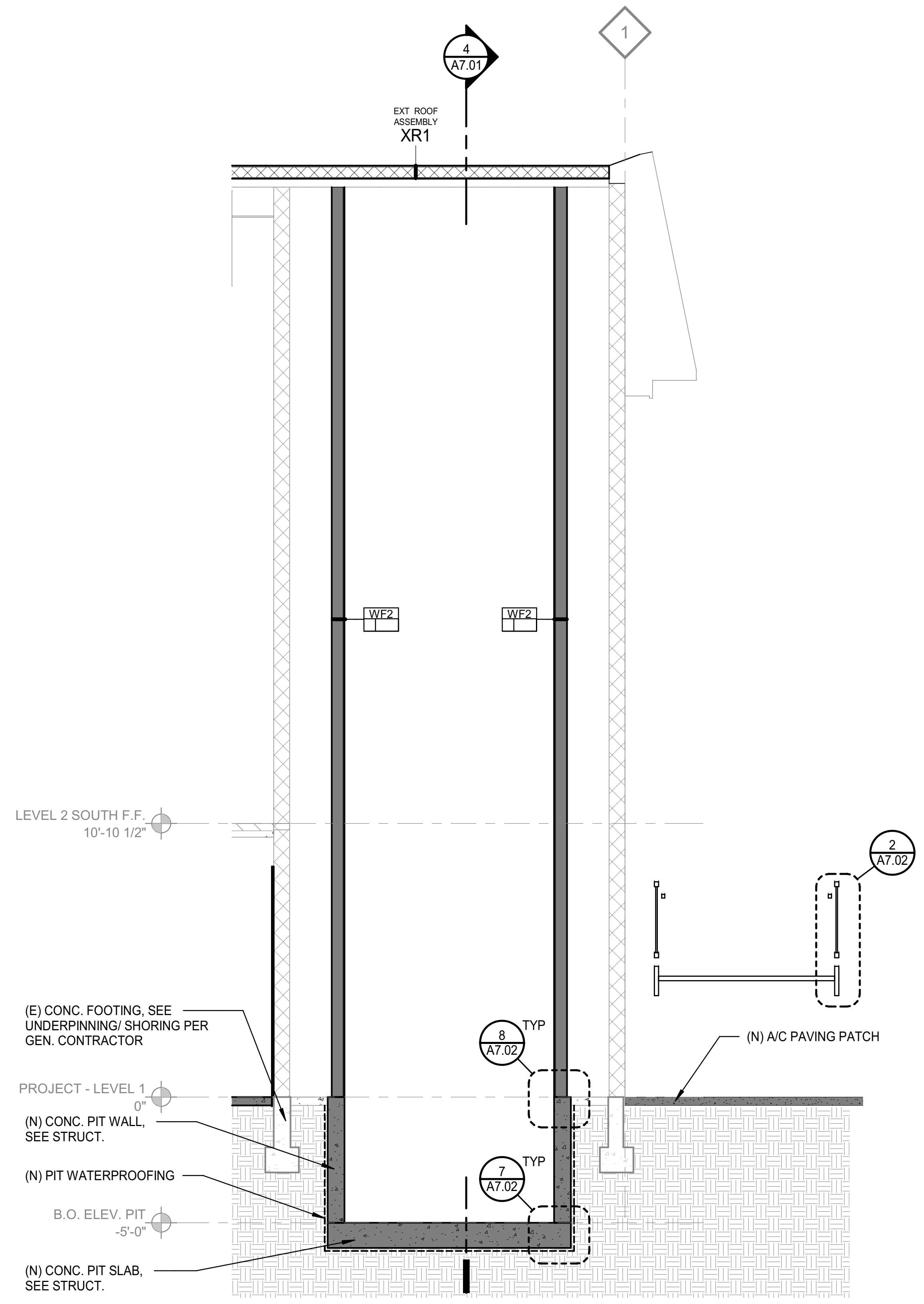
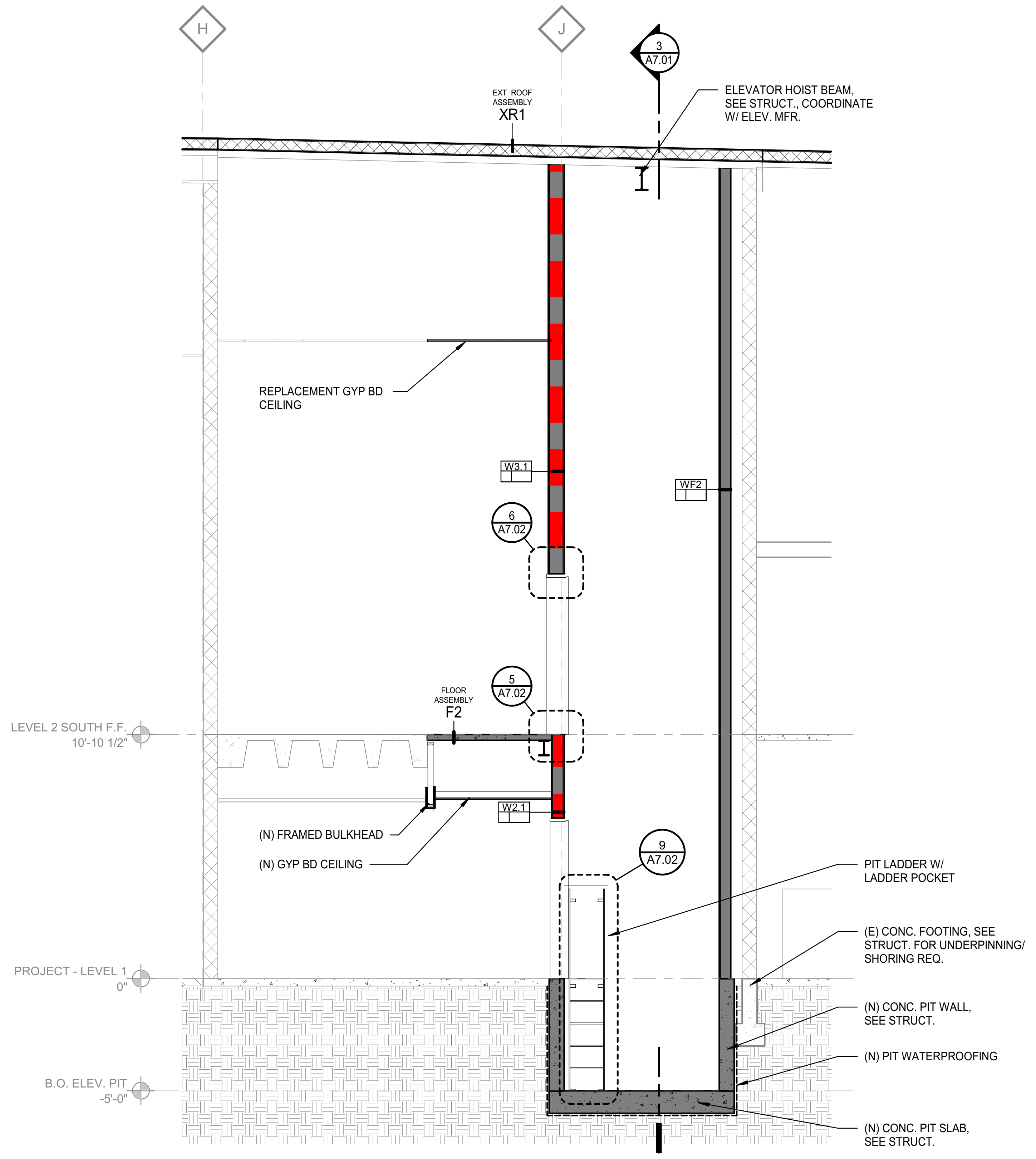


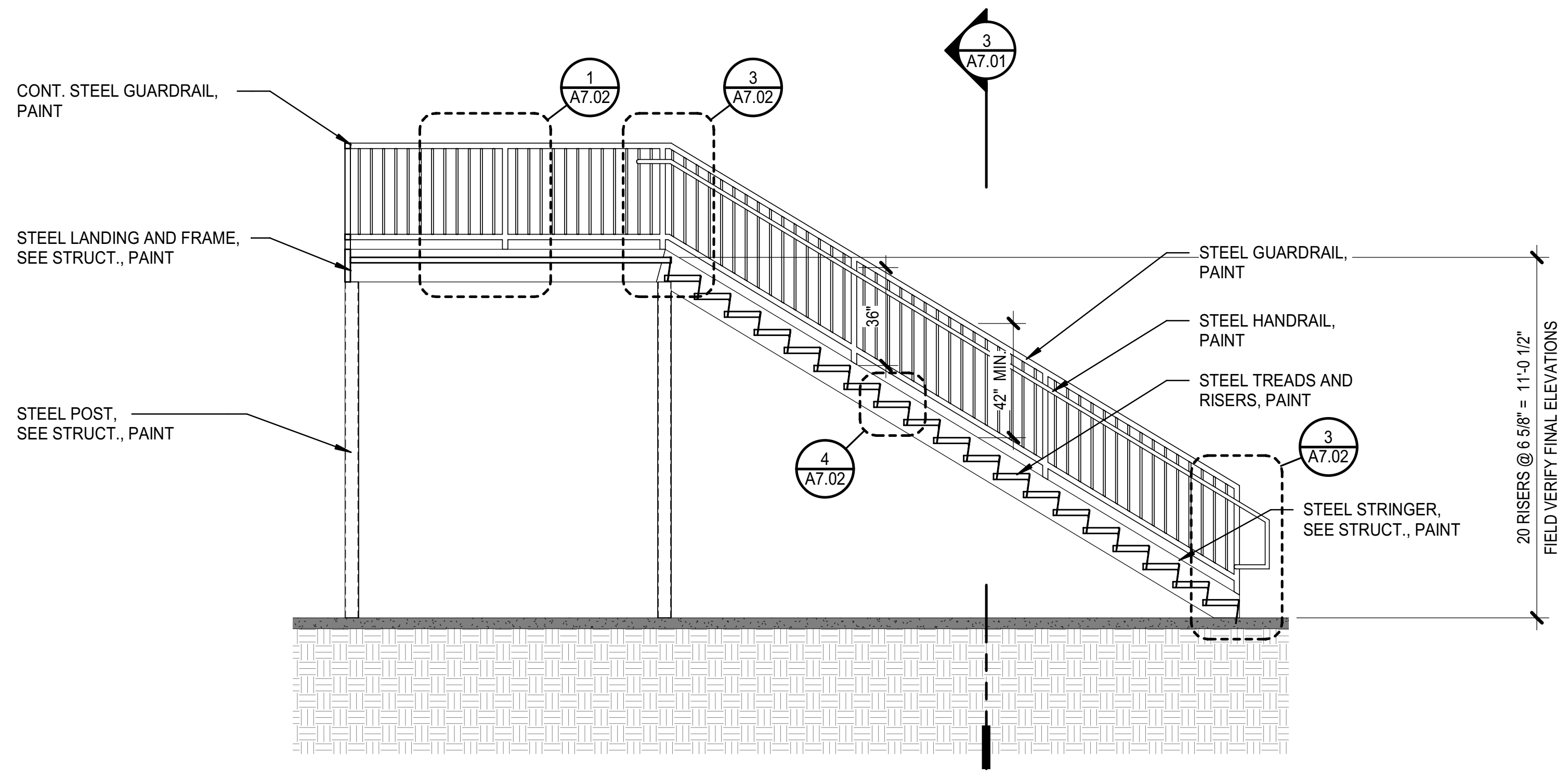
3 ELEVATOR/ STAIR E/W SECTION

1/4" = 1'-0"


H
J
3
A7.01
EXT ROOF ASSEMBLY
XR1
ELEVATOR HOIST BEAM, SEE STRUCT., COORDINATE W/ ELEV. MFR.
REPLACEMENT GYP BD CEILING
W3.1
WF2
6
A7.02
5
A7.02
FLOOR ASSEMBLY
F2
LEVEL 2 SOUTH F.F.
10'-10 1/2"
W2.1
(N) FRAMED BULKHEAD
(N) GYP BD CEILING
9
A7.02
PIT LADDER W/ LADDER POCKET
(E) CONC. FOOTING, SEE STRUCT. FOR UNDERPINNING/ SHORING REQ.
PROJECT - LEVEL 1
0"
(N) CONC. PIT WALL, SEE STRUCT.
(N) PIT WATERPROOFING
B.O. ELEV. PIT
-5'-0"
(N) CONC. PIT SLAB, SEE STRUCT.

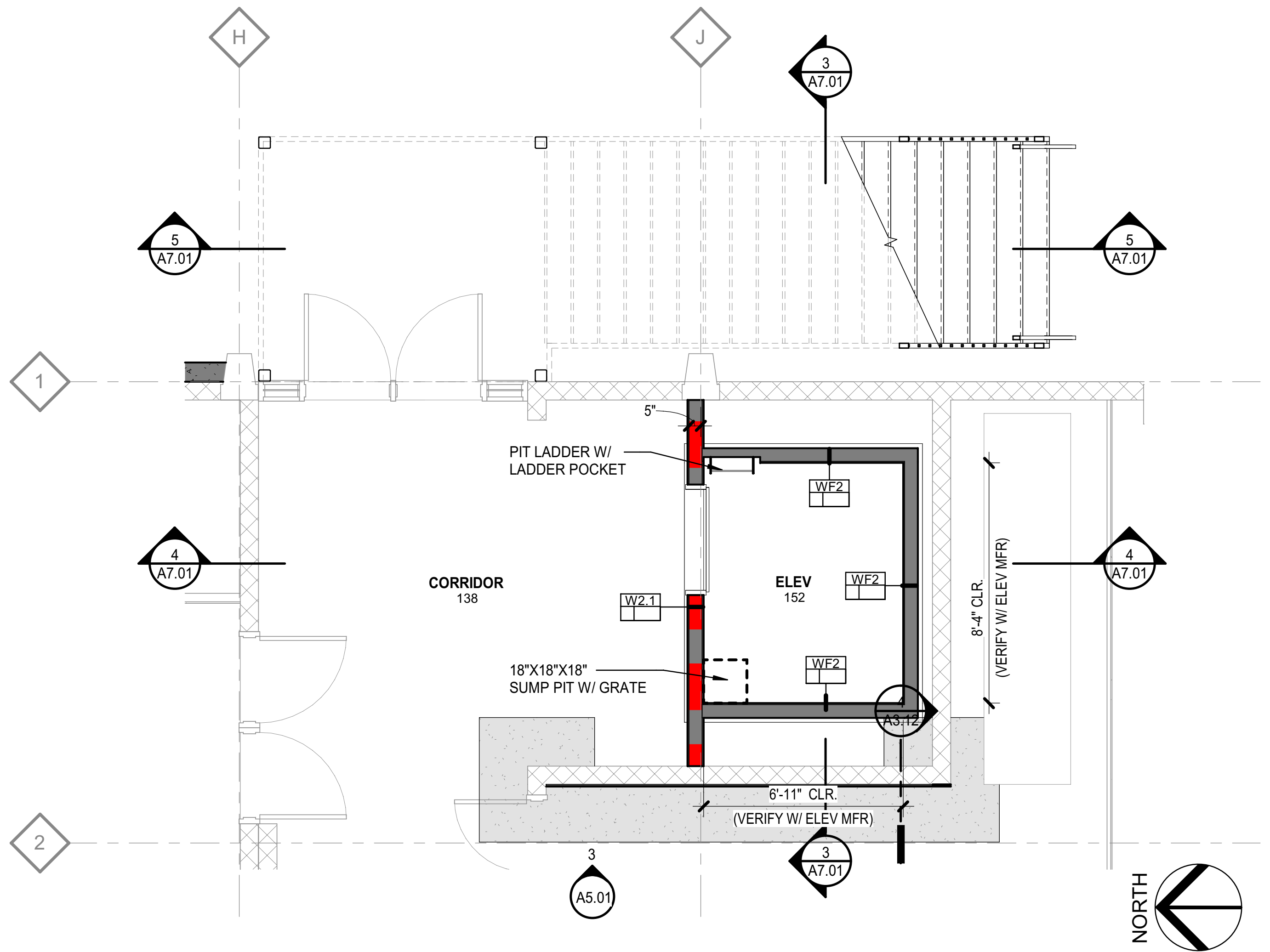
4 ELEVATOR N/S SECTION

1/4" = 1'-0"


CONT. STEEL GUARDRAIL, PAINT
1
A7.02
3
A7.02
3
A7.01
STEEL LANDING AND FRAME, SEE STRUCT., PAINT
STEEL GUARDRAIL, PAINT
STEEL HANDRAIL, PAINT
36"
42" MIN.
STEEL TREADS AND RISERS, PAINT
STEEL POST, SEE STRUCT., PAINT
4
A7.02
3
A7.02
STEEL STRINGER, SEE STRUCT., PAINT
20 RISERS @ 6 5/8" = 11'-0 1/2"
FIELD VERIFY FINAL ELEVATIONS

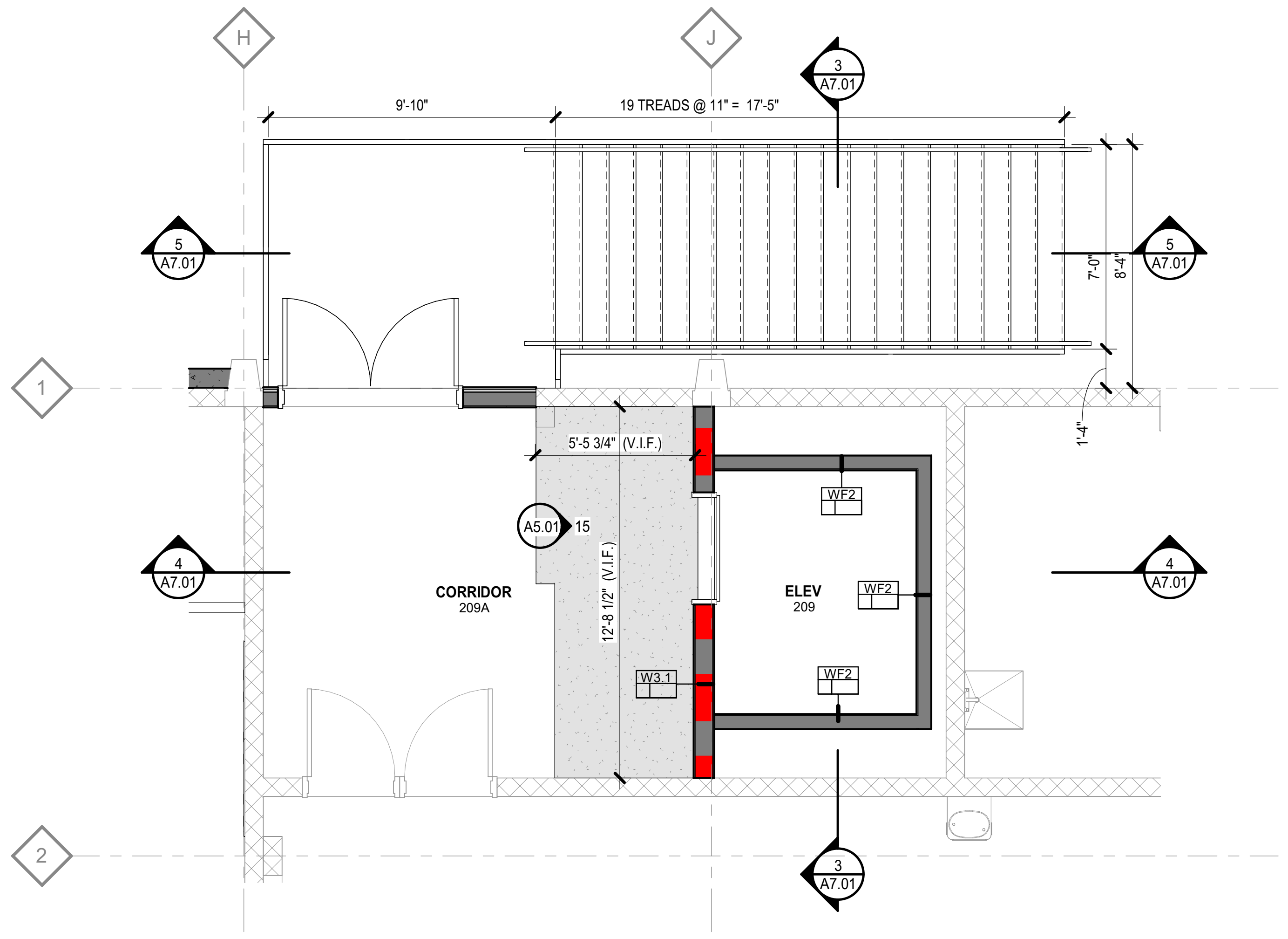
5 STAIR N/S SECTION

1/4" = 1'-0"



1 ENLARGED PLAN - LEVEL 1 ELEVATOR/ STAIR

1/4" = 1'-0"



2 ENLARGED PLAN - LEVEL 2 ELEVATOR/ STAIR

1/4" = 1'-0"

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APPROVED
Sam Barnum
05/03/24

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MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

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Revisions

No.	Description	Date

Date	04/01/24
Job No.	23_40
Drawn By	Author
Checked By	Checker

100% CD

Date
04/01/24

Project Number
23_40

Drawing Title
VERTICAL CIRCULATION

Sheet No
A7.01

DATE 4/2/2024 8:49:58 AM
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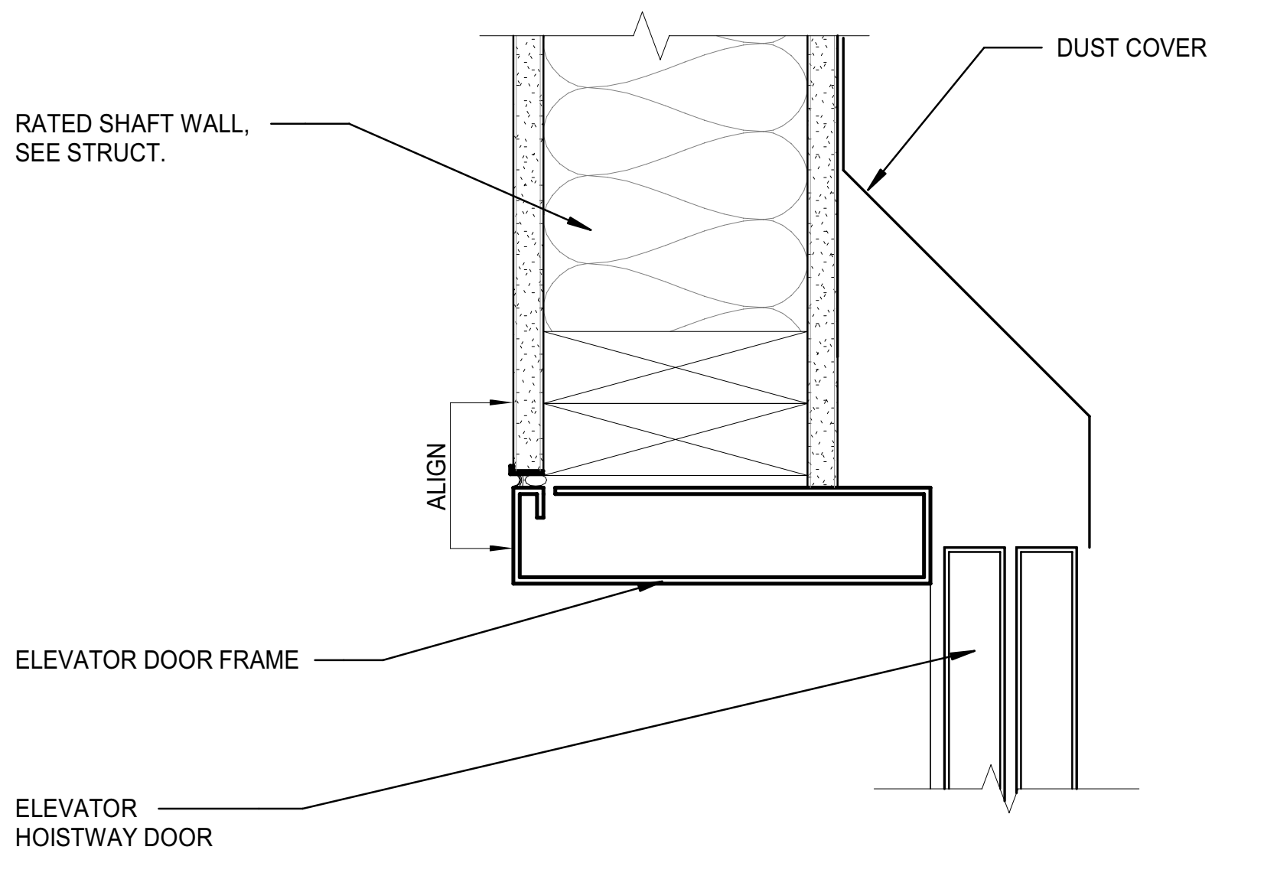
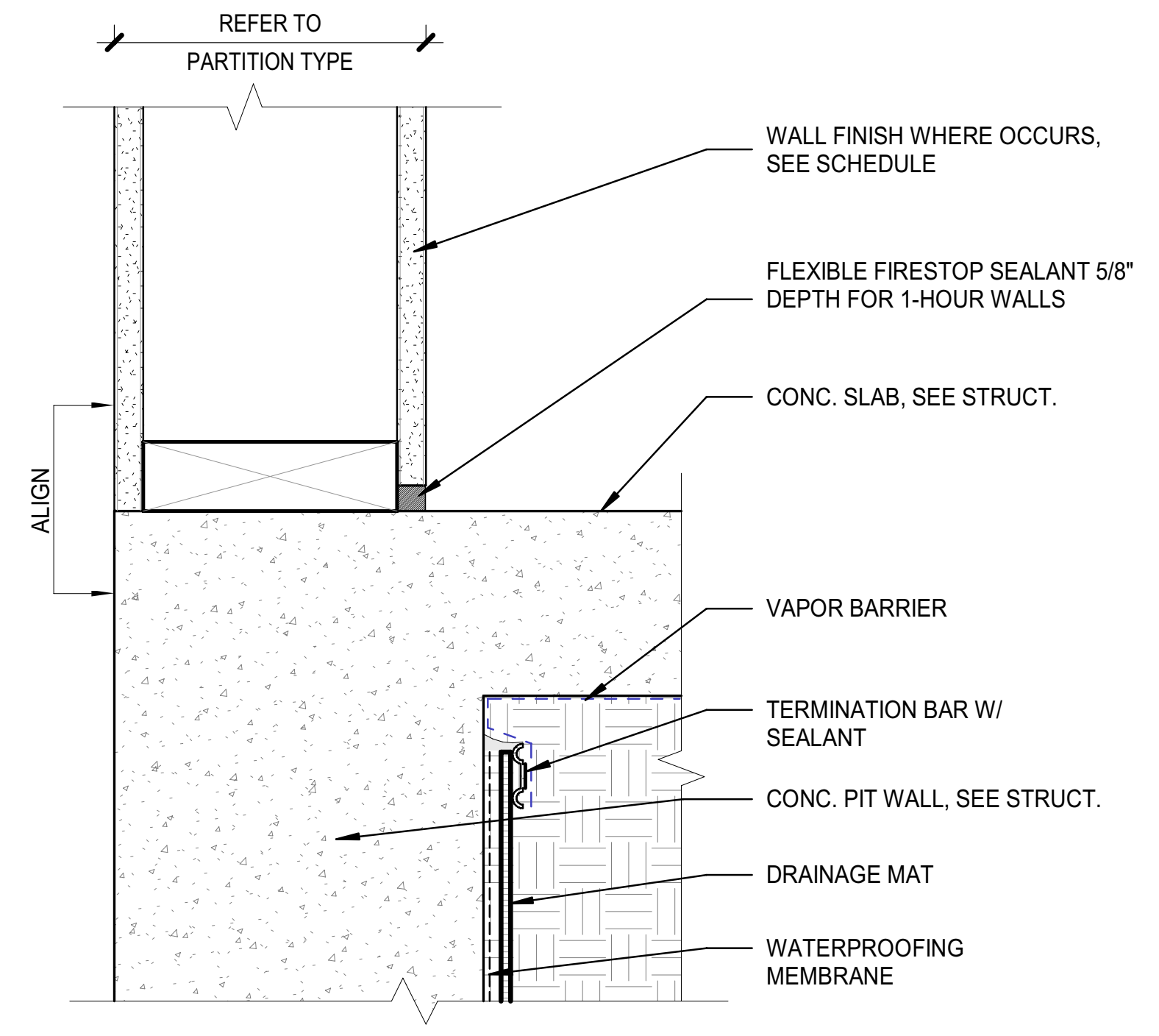


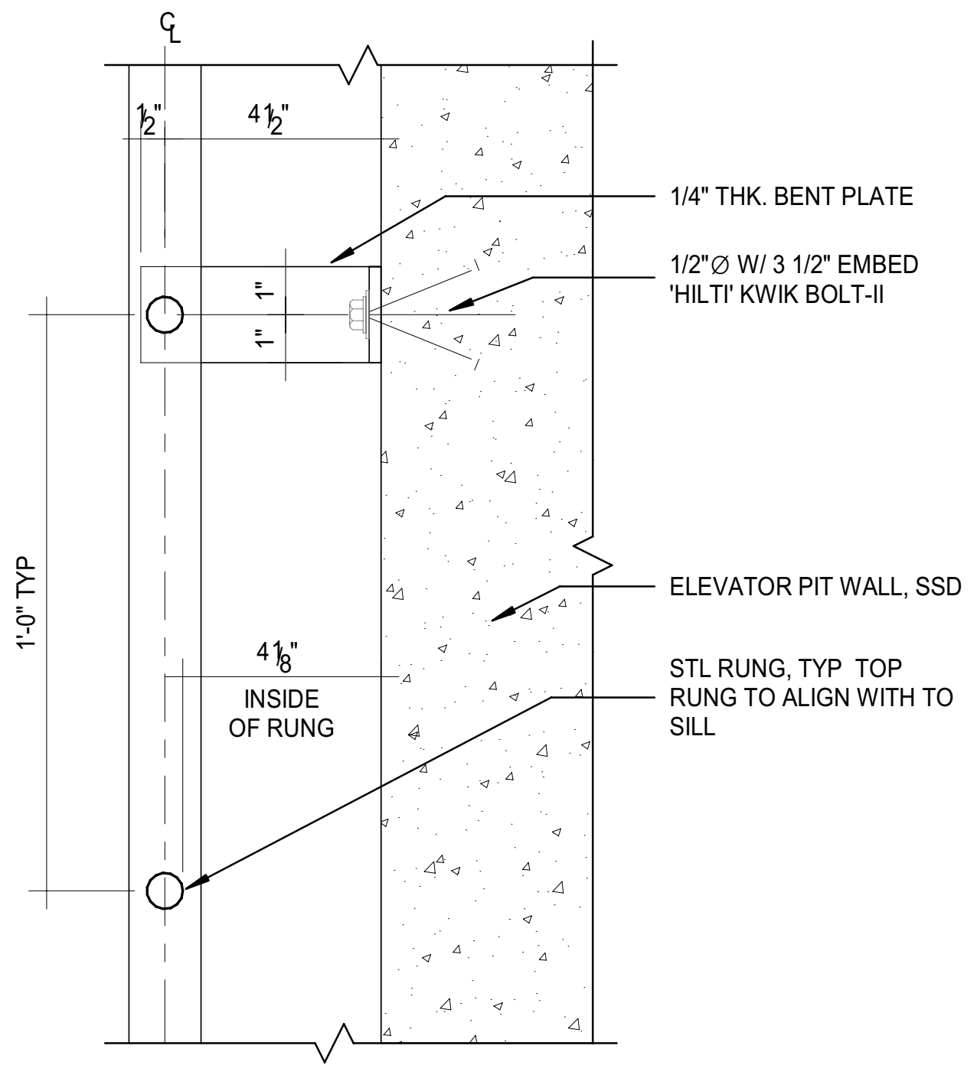
6 HOISTWAY HEADER

3" = 1'-0"


REFER TO PARTITION TYPE
ALIGN
WALL FINISH WHERE OCCURS, SEE SCHEDULE
FLEXIBLE FIRESTOP SEALANT 5/8" DEPTH FOR 1-HOUR WALLS
CONC. SLAB, SEE STRUCT.
VAPOR BARRIER
TERMINATION BAR W/ SEALANT
CONC. PIT WALL, SEE STRUCT.
DRAINAGE MAT
WATERPROOFING MEMBRANE

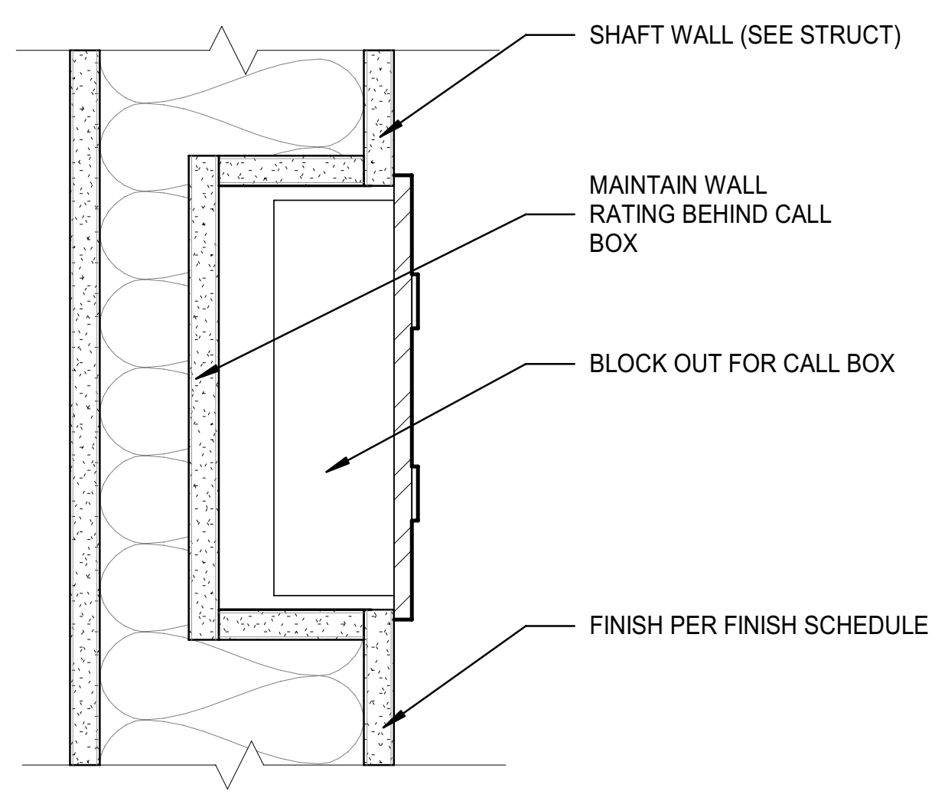
8 HOISTWAY PIT WALL AT SHAFT WALL

3" = 1'-0"


℄
1/2"
4 1/2"
1"
1"
1'-0" TYP
4 1/8"
INSIDE OF RUNG
1/4" THK. BENT PLATE
1/2"∅ W/ 3 1/2" EMBED 'HILTI' KWIK BOLT-II
ELEVATOR PIT WALL, SSD
STL RUNG, TYP TOP RUNG TO ALIGN WITH TO SILL

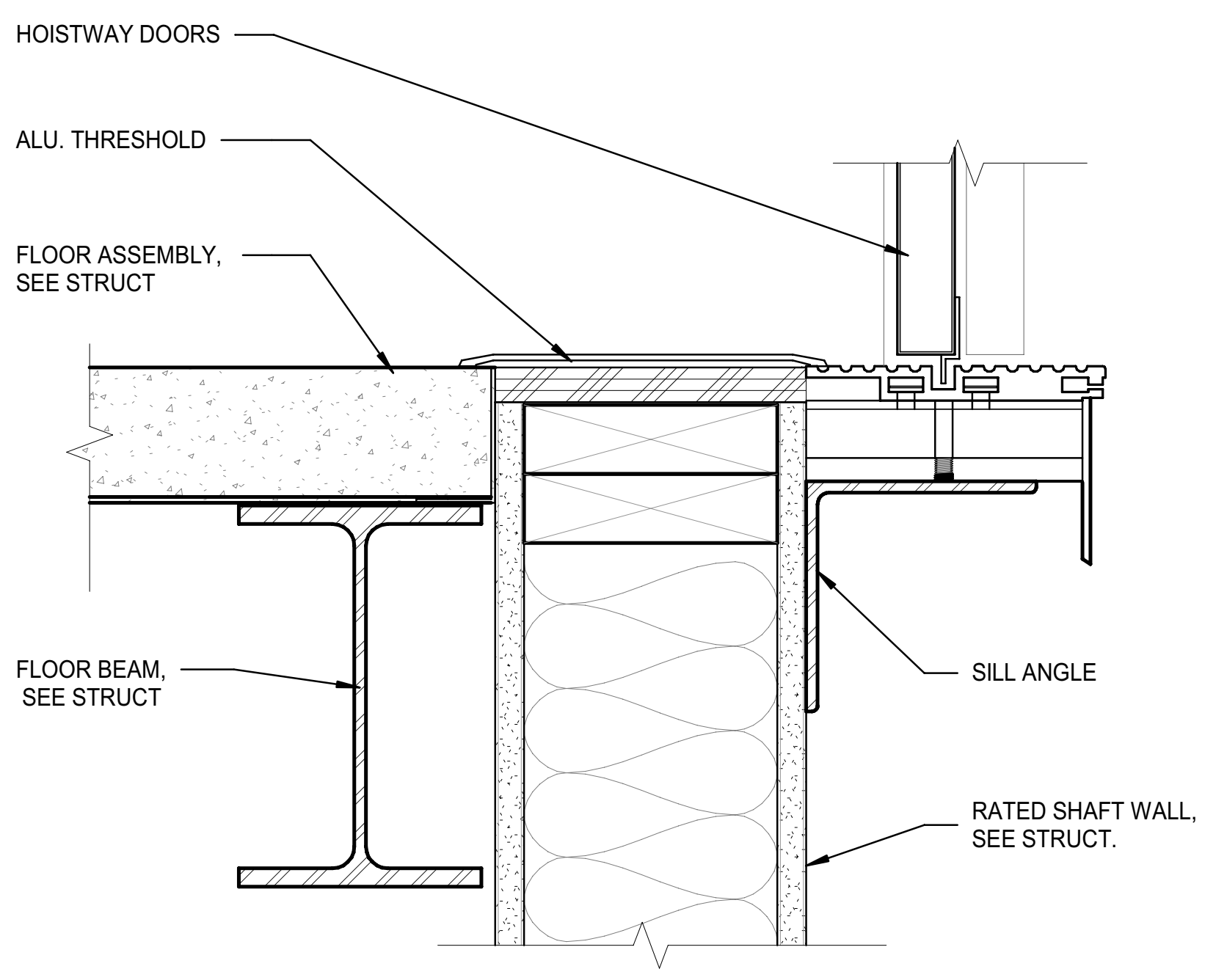
10 HOISTWAY PIT LADDER

3" = 1'-0"


SHAFT WALL (SEE STRUCT)
MAINTAIN WALL RATING BEHIND CALL BOX
BLOCK OUT FOR CALL BOX
FINISH PER FINISH SCHEDULE

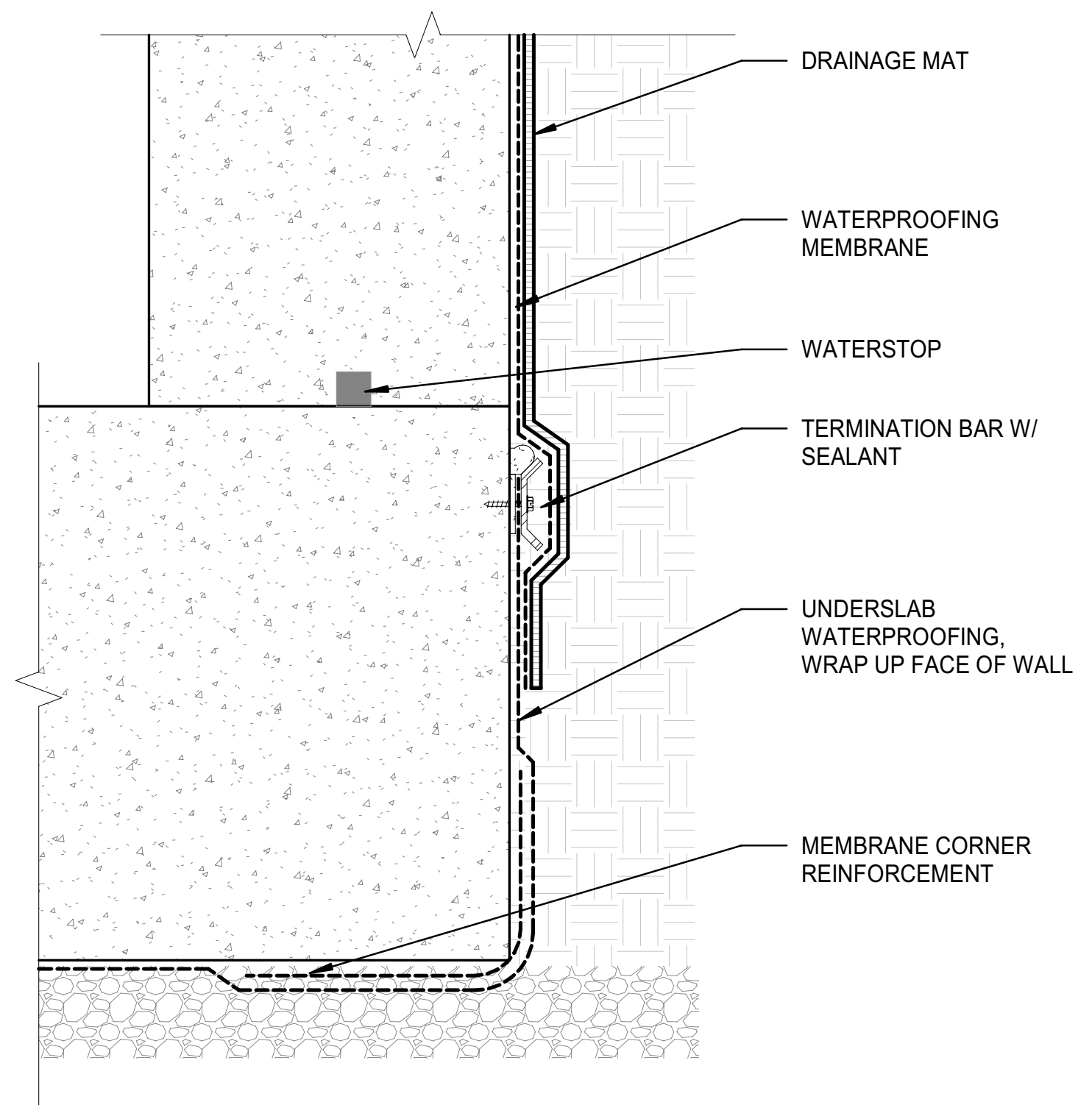
12 HOISTWAY CALL BUTTON

3" = 1'-0"



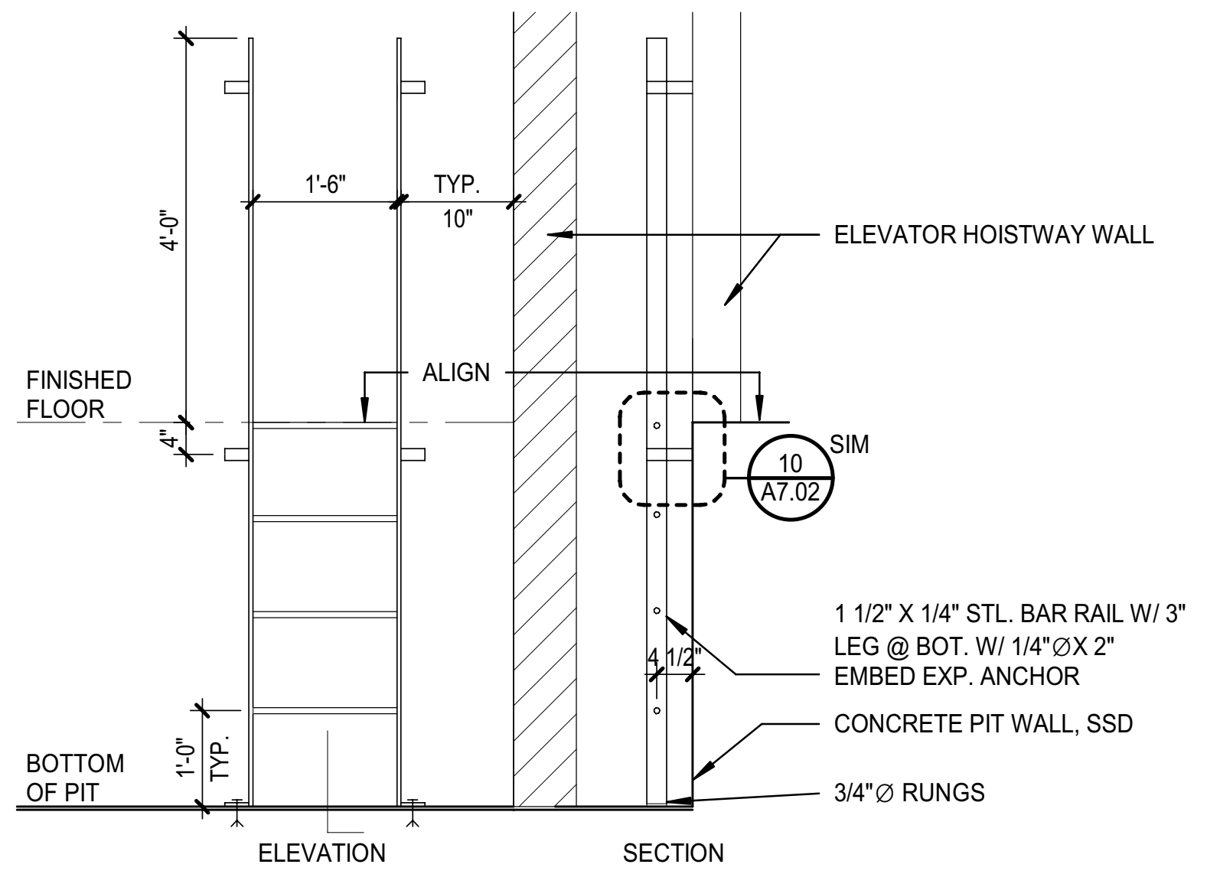
5 HOISTWAY THRESHOLD

3" = 1'-0"


DRAINAGE MAT
WATERPROOFING MEMBRANE
WATERSTOP
TERMINATION BAR W/ SEALANT
UNDERSLAB WATERPROOFING, WRAP UP FACE OF WALL
MEMBRANE CORNER REINFORCEMENT

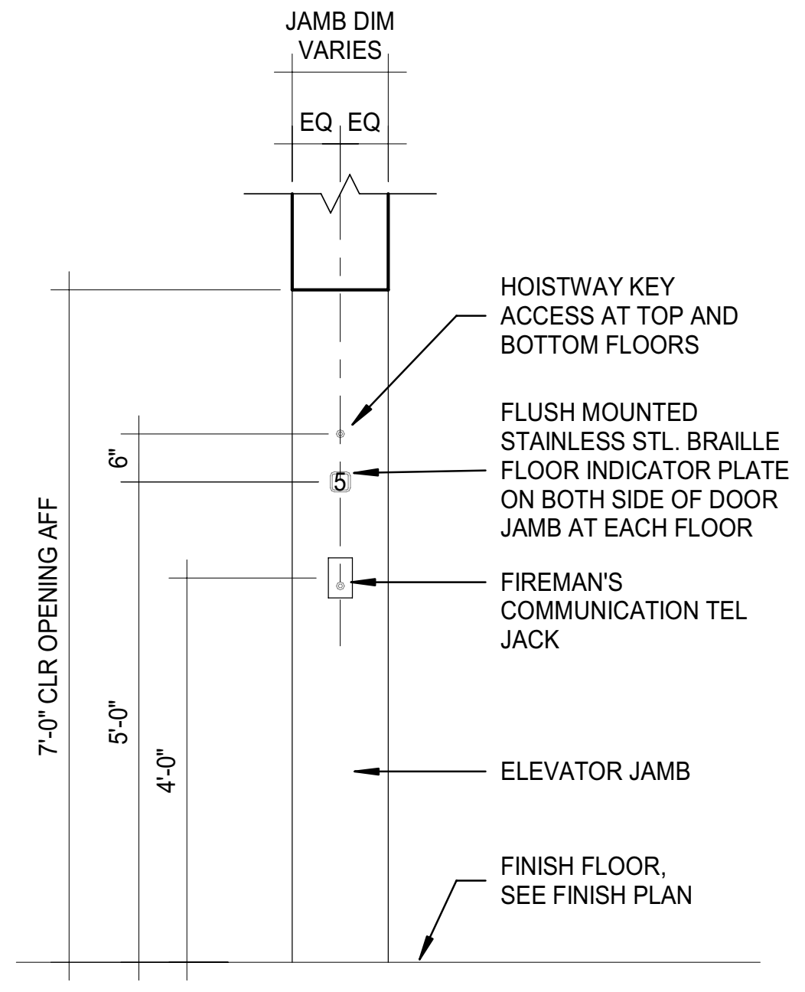
7 ELEV. PIT WATERPROOFING

3" = 1'-0"



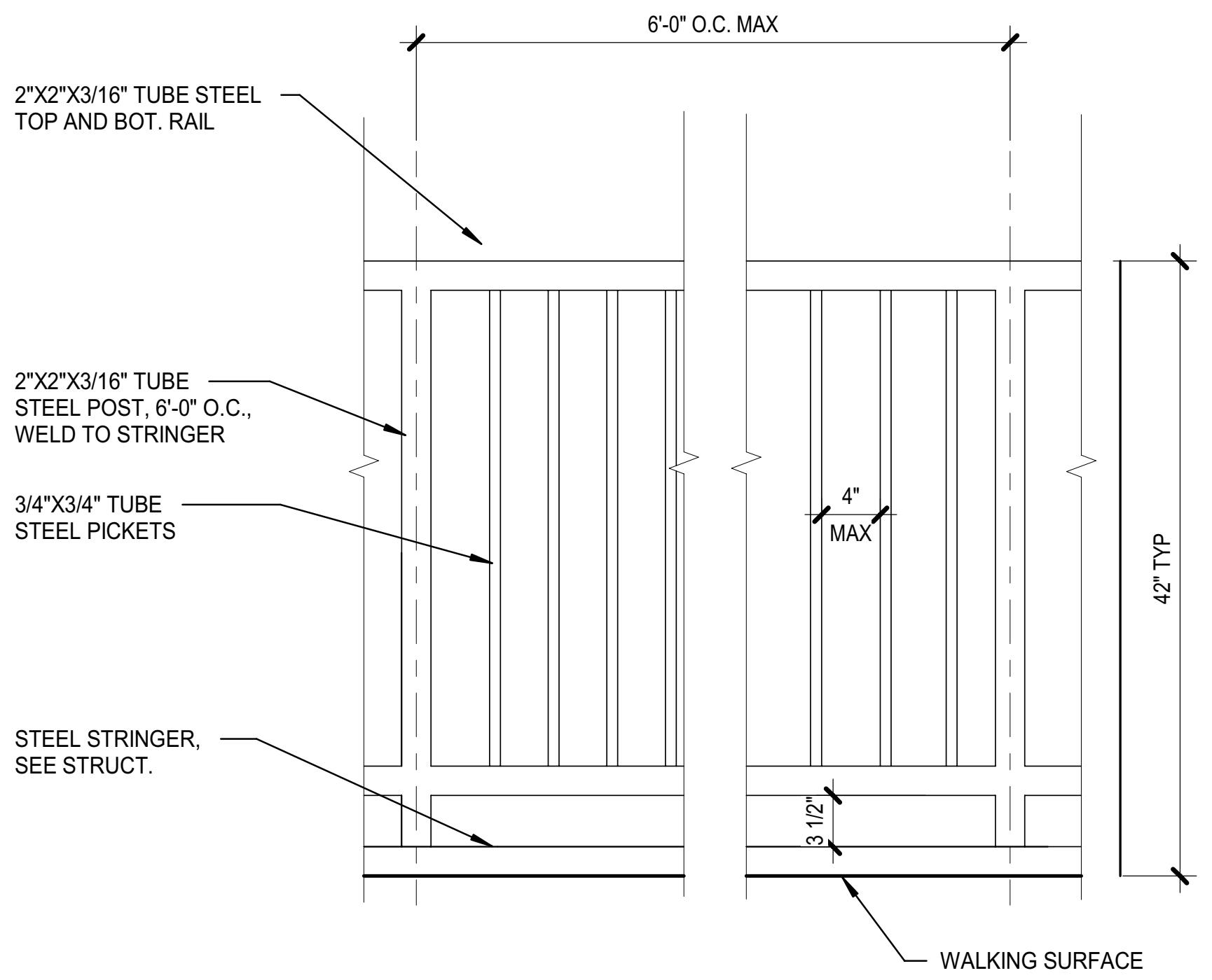
9 ELEVATOR PIT LADDER

1/2" = 1'-0"


JAMB DIM VARIES
EQ
EQ
7'-0" CLR OPENING AFF
6"
5'-0"
4'-0"
5
HOISTWAY KEY ACCESS AT TOP AND BOTTOM FLOORS
FLUSH MOUNTED STAINLESS STL. BRAILLE FLOOR INDICATOR PLATE ON BOTH SIDE OF DOOR JAMB AT EACH FLOOR
FIREMAN'S COMMUNICATION TEL JACK
ELEVATOR JAMB
FINISH FLOOR, SEE FINISH PLAN

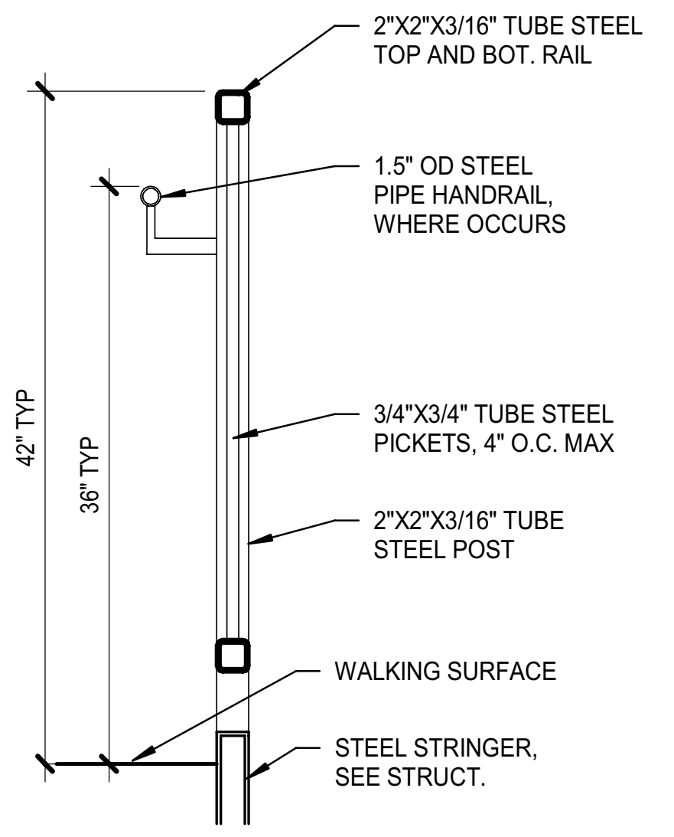
11 ELEVATION AT ELEV JAMB

1/2" = 1'-0"


6'-0" O.C. MAX
2"X2"X3/16" TUBE STEEL TOP AND BOT. RAIL
2"X2"X3/16" TUBE STEEL POST, 6'-0" O.C., WELD TO STRINGER
3/4"X3/4" TUBE STEEL PICKETS
4" MAX
42" TYP
3 1/2"
STEEL STRINGER, SEE STRUCT.
WALKING SURFACE

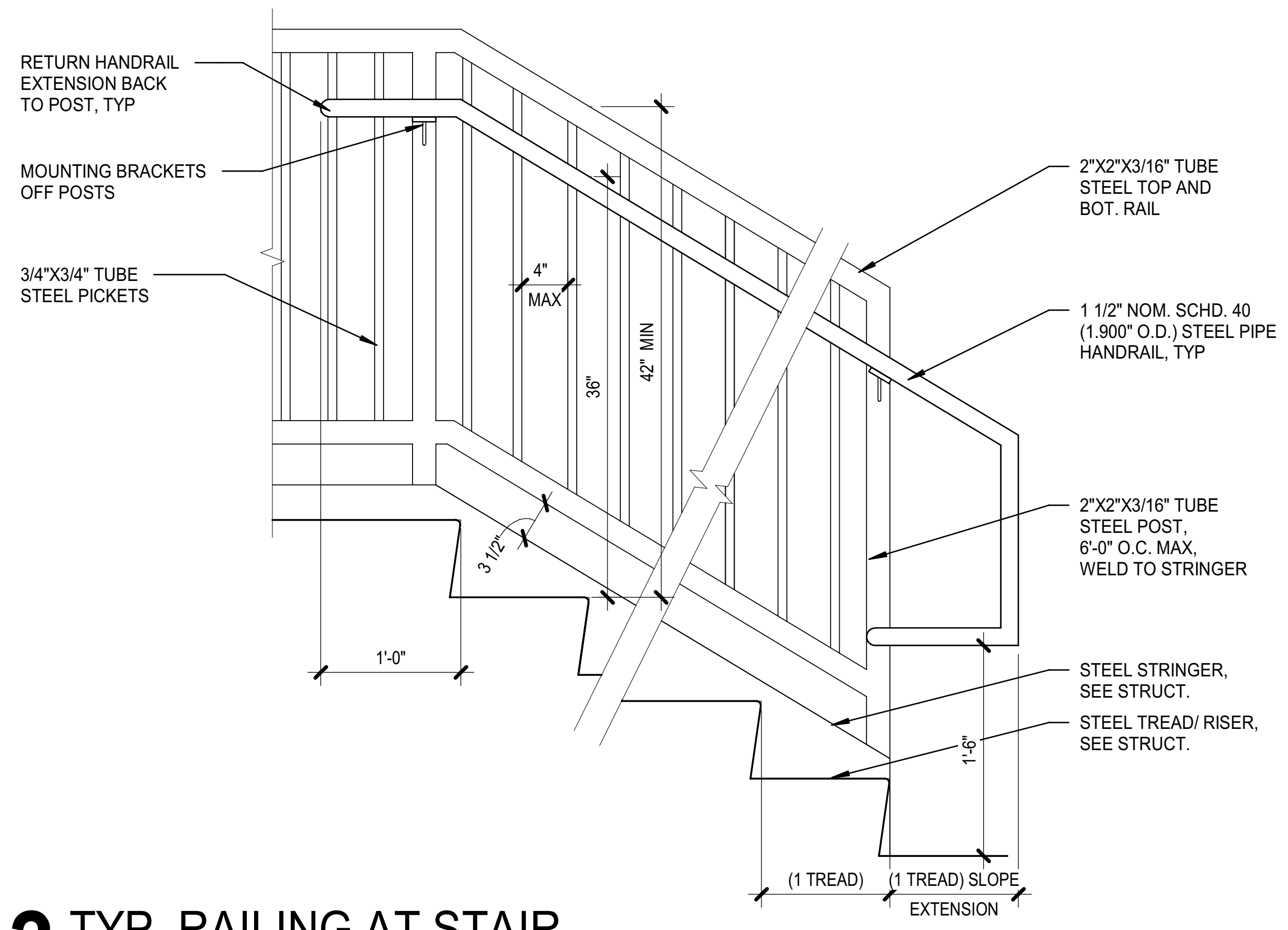
1 TYP. GUARDRAIL AT LANDING

1" = 1'-0"


42" TYP
36" TYP
2"X2"X3/16" TUBE STEEL TOP AND BOT. RAIL
1.5" OD STEEL PIPE HANDRAIL, WHERE OCCURS
3/4"X3/4" TUBE STEEL PICKETS, 4" O.C. MAX
2"X2"X3/16" TUBE STEEL POST
WALKING SURFACE
STEEL STRINGER, SEE STRUCT.

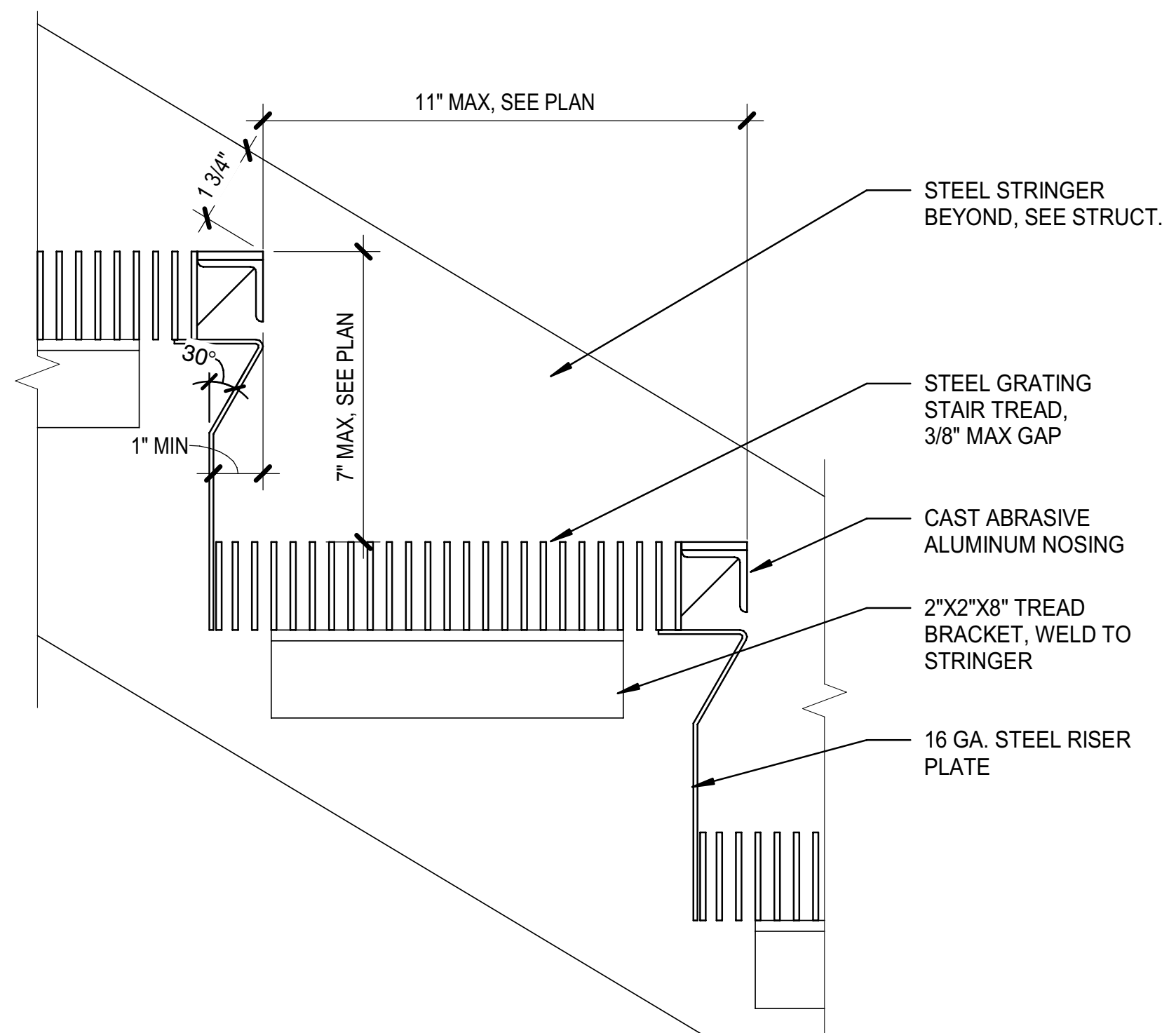
2 TYP. GUARDRAIL SECTION

1" = 1'-0"


RETURN HANDRAIL EXTENSION BACK TO POST, TYP
MOUNTING BRACKETS OFF POSTS
3/4"X3/4" TUBE STEEL PICKETS
4" MAX
36"
42" MIN
3 1/2"
1'-0"
2"X2"X3/16" TUBE STEEL TOP AND BOT. RAIL
1 1/2" NOM. SCHD. 40 (1.900" O.D.) STEEL PIPE HANDRAIL, TYP
2"X2"X3/16" TUBE STEEL POST, 6'-0" O.C. MAX, WELD TO STRINGER
STEEL STRINGER, SEE STRUCT.
STEEL TREAD/ RISER, SEE STRUCT.
1'-6"
(1 TREAD)
(1 TREAD) SLOPE
EXTENSION

3 TYP. RAILING AT STAIR

1" = 1'-0"


11" MAX, SEE PLAN
1 3/4"
30°
1" MIN
7" MAX, SEE PLAN
STEEL STRINGER BEYOND, SEE STRUCT.
STEEL GRATING STAIR TREAD, 3/8" MAX GAP
CAST ABRASIVE ALUMINUM NOSING
2"X2"X8" TREAD BRACKET, WELD TO STRINGER
16 GA. STEEL RISER PLATE

4 STAIR TREAD/ RISER

3" = 1'-0"

CITY OF MEDFORD
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Drawing Title
VERTICAL CIRCULATION - DETAILS

Sheet No
A7.02

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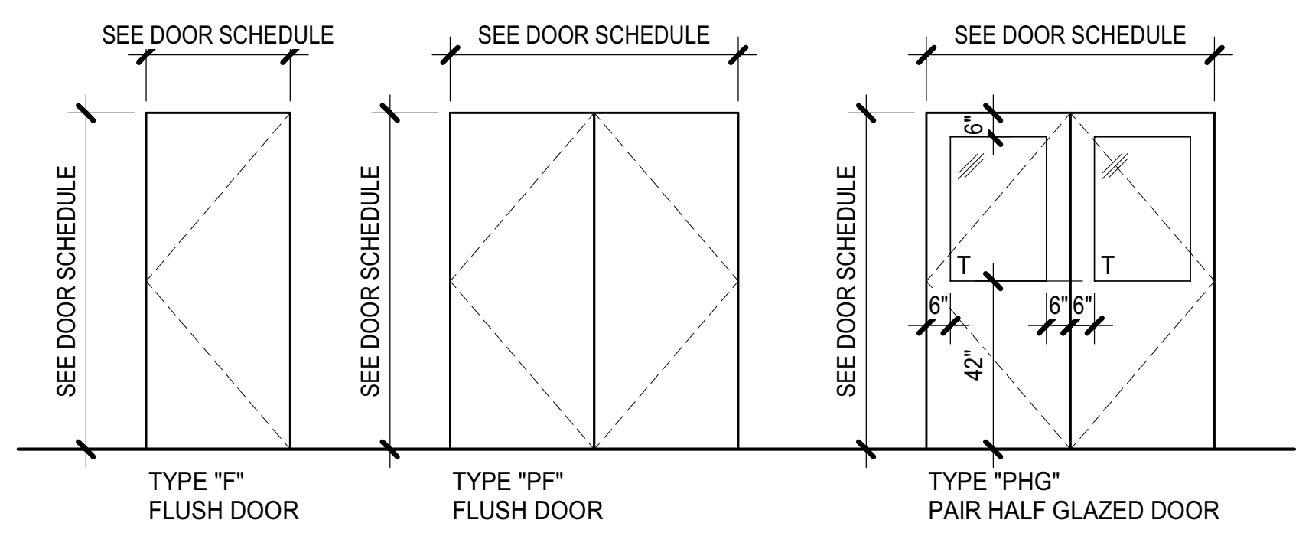
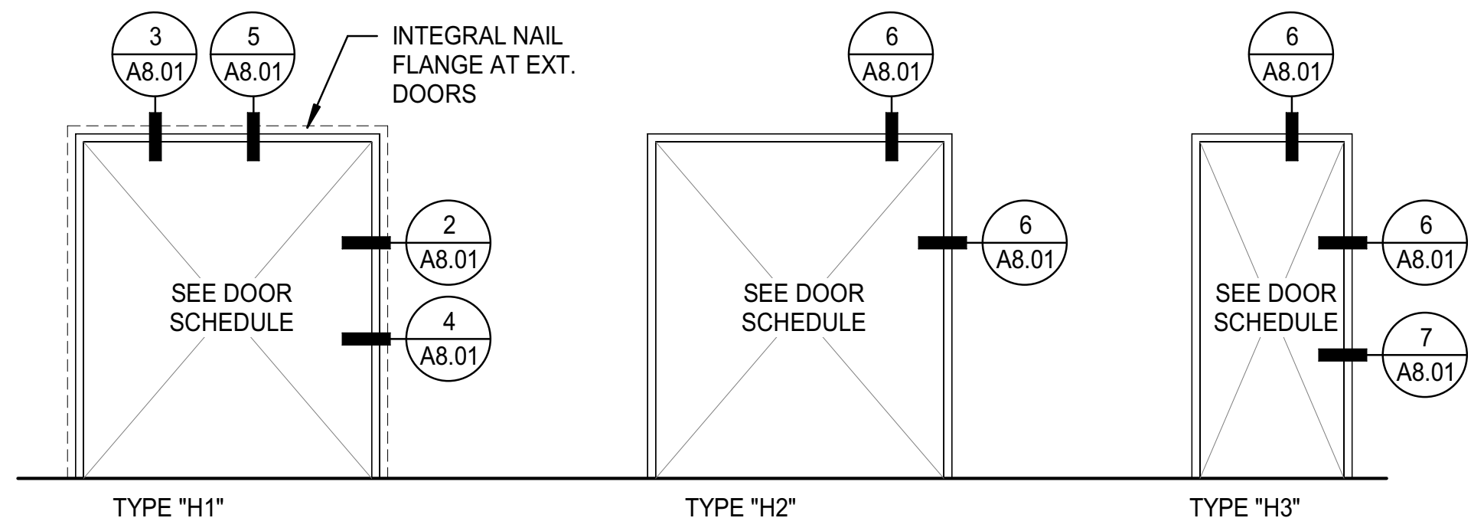
DOOR AND FRAME SCHEDULE

	DOORS					FRAMES							
	OPENING SIZE								DETAILS				
MARK	WIDTH	HGT.	TYPE	MAT	FIN	TYPE	MAT	FIN	HEAD	JAMB	HARDWARE SET	FIRE RATING LABEL (MIN.)	NOTES
101.1	6'-0"	7'-0"	PHG	HM	P	H1	HM	P	5/A8.01	4/A8.01	01		
101.2	6'-0"	7'-0"	PHG	HM	P	H1	HM	P	5/A8.01	4/A8.01	01		
101.3	6'-0"	7'-0"	PHG	HM	P	H1	HM	P	5/A8.01	4/A8.01	02		ACCESS CONTROL
101.4	6'-0"	7'-0"	PHG	HM	P	H1	HM	P	5/A8.01	4/A8.01	01		
113C.1	3'-0"	7'-0"	F	HM	P	H3	HM	P	6/A8.01	6/A8.01, 7/A8.01 SIM	05		
113C.2	3'-0"	7'-0"	F	HM	P	H3	HM	P	6/A8.01	6/A8.01	05		
116.1	3'-0"	7'-0"	F	HM	P	H3	HM	P	6/A8.01	6/A8.01	03		
116A.1	3'-0"	7'-0"	F	HM	P	H3	HM	P	6/A8.01	6/A8.01	04		
138A.1	6'-0"	7'-0"	PF	HM	P	H2	HM	P	6/A8.01	6/A8.01	04		
145.1	3'-0"	7'-0"	F	HM	P	H3	HM	P	5/A8.01	7/A8.01	06		
209A.1	6'-0"	7'-0"	PF	HM	P	H1	HM	P	3/A8.01	2/A8.01	01		



DOOR TYPES



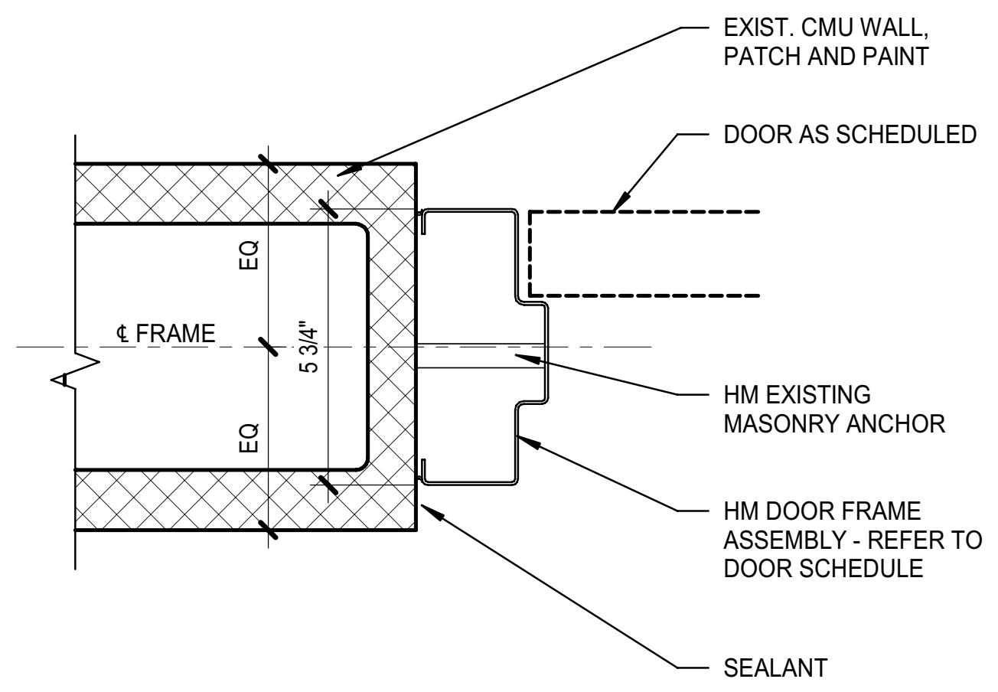
LEGEND - FRAME TYPES

DOOR GENERAL NOTES

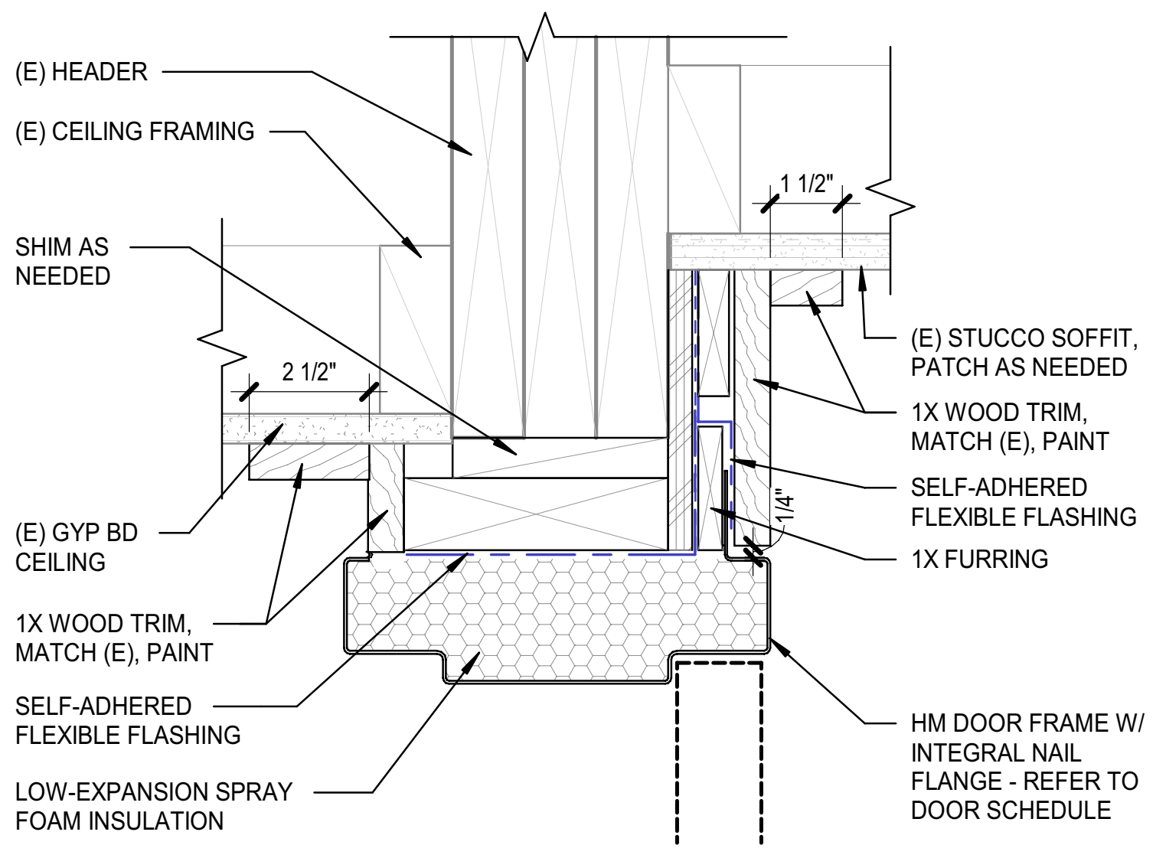
1. ALL DOORS SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF THE OSSC, ADMG, AND ANSI A117.1.
2. PROVIDE LEVER-HANDLE LOCKSETS AND EXIT DEVICE TRIM. KNOB-HANDLES ARE NOT PERMITTED.
3. HARDWARE FINISHES SHALL BE BRUSHED CHROME UNLESS NOTED OTHERWISE.
4. PROVIDE HINGES IN QUANTITY RECOMMENDED BY DOOR MANUFACTURER. PROVIDE NON-REMOVABLE HINGES AT EXTERIOR DOORS AND DOORS WITH PUBLIC EXPOSURE.
5. PROVIDE SILENCERS ON ALL SWINGING DOORS.
6. PROVIDE FLOOR OR WALL STOPS AS REQUIRED TO PREVENT DOORS FROM IMPACTING ADJACENT WALLS.
7. PROVIDE CLOSERS, GASKETS, AND KICK PLATES AT ALL NEW DOORS.
8. CONFIRM KEYWAY WITH CLIENT.

MATERIAL ABBREVIATIONS

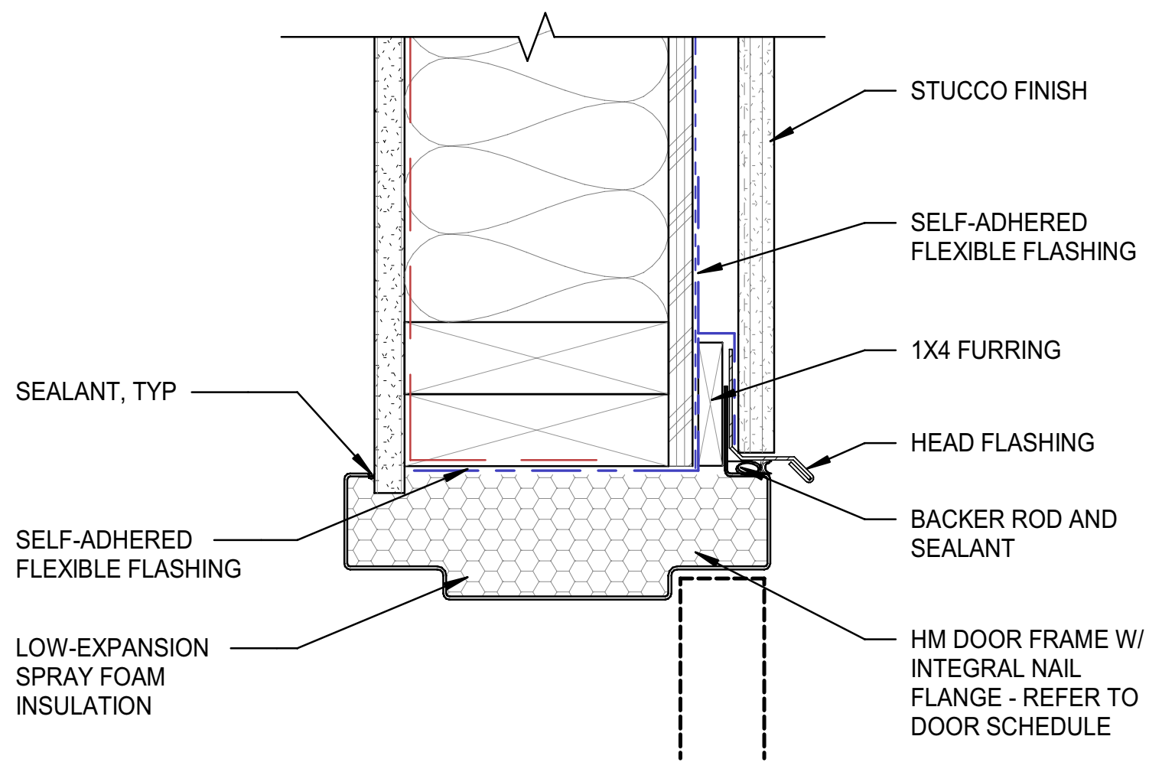
HM	HOLLOW METAL
P	PAINT


EXIST. CMU WALL, PATCH AND PAINT
DOOR AS SCHEDULED
EQ
℄ FRAME
5 3/4"
EQ
HM EXISTING MASONRY ANCHOR
HM DOOR FRAME ASSEMBLY - REFER TO DOOR SCHEDULE
SEALANT

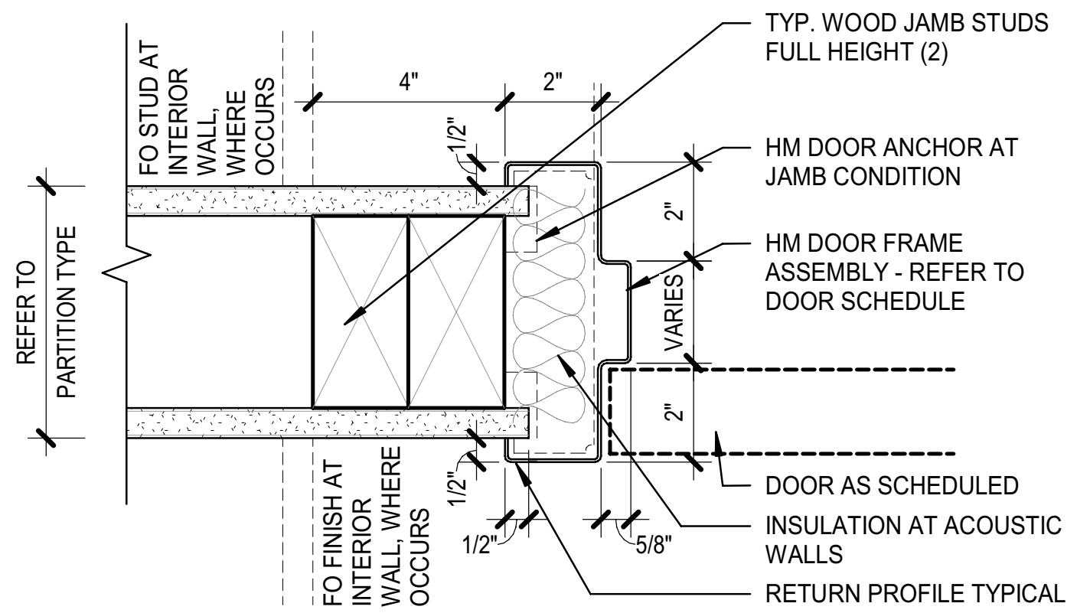
7 INT. HM DOOR JAMB AT CMU
3" = 1'-0"


(E) HEADER
(E) CEILING FRAMING
SHIM AS NEEDED
1 1/2"
2 1/2"
(E) STUCCO SOFFIT, PATCH AS NEEDED
1X WOOD TRIM, MATCH (E), PAINT
SELF-ADHERED FLEXIBLE FLASHING
1X FURRING
1/4"
(E) GYP BD CEILING
1X WOOD TRIM, MATCH (E), PAINT
SELF-ADHERED FLEXIBLE FLASHING
LOW-EXPANSION SPRAY FOAM INSULATION
HM DOOR FRAME W/ INTEGRAL NAIL FLANGE - REFER TO DOOR SCHEDULE

5 EXT. HM DOOR HEAD
3" = 1'-0"

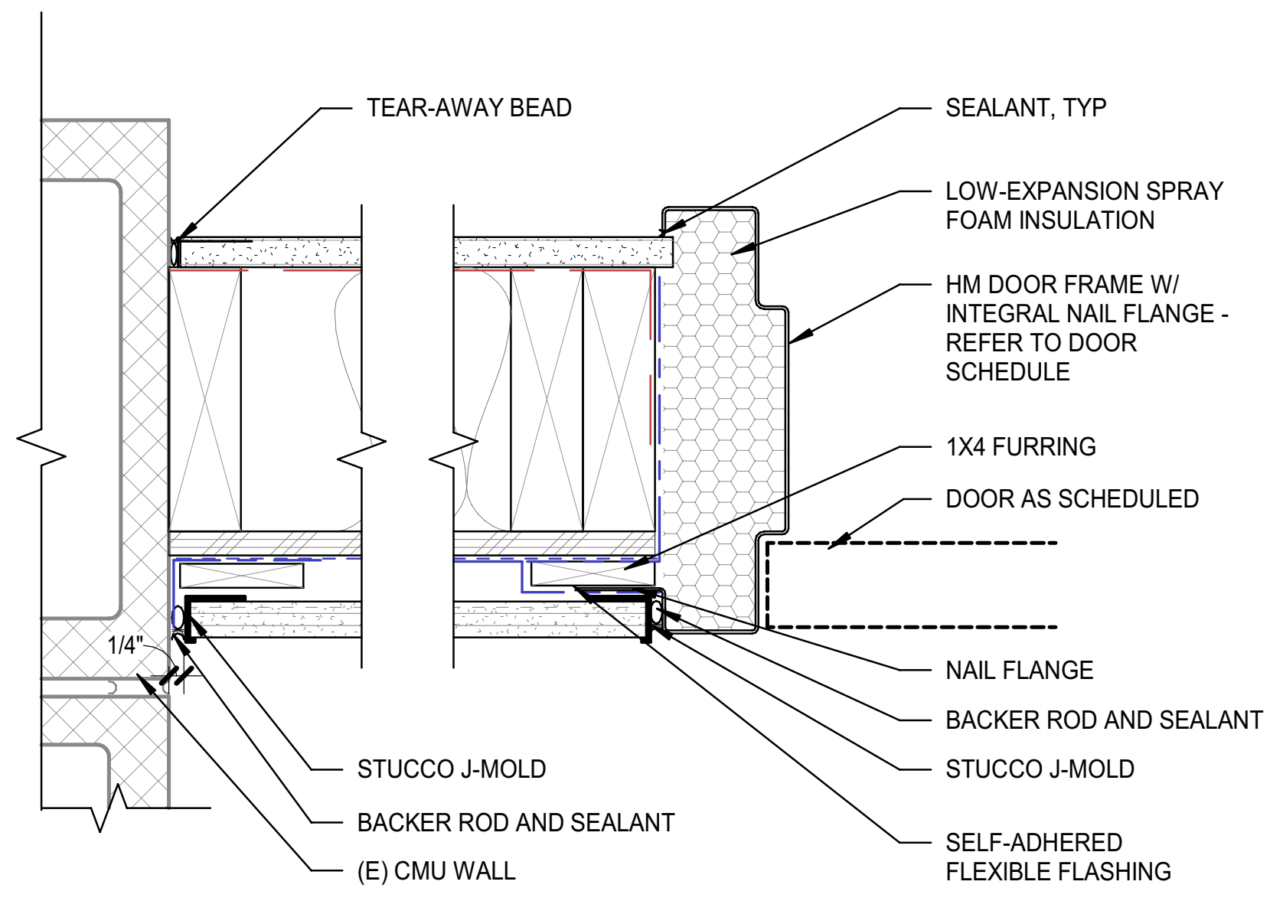

STUCCO FINISH
SELF-ADHERED FLEXIBLE FLASHING
1X4 FURRING
SEALANT, TYP
HEAD FLASHING
BACKER ROD AND SEALANT
SELF-ADHERED FLEXIBLE FLASHING
LOW-EXPANSION SPRAY FOAM INSULATION
HM DOOR FRAME W/ INTEGRAL NAIL FLANGE - REFER TO DOOR SCHEDULE

3 EXT. HM DOOR HEAD
3" = 1'-0"

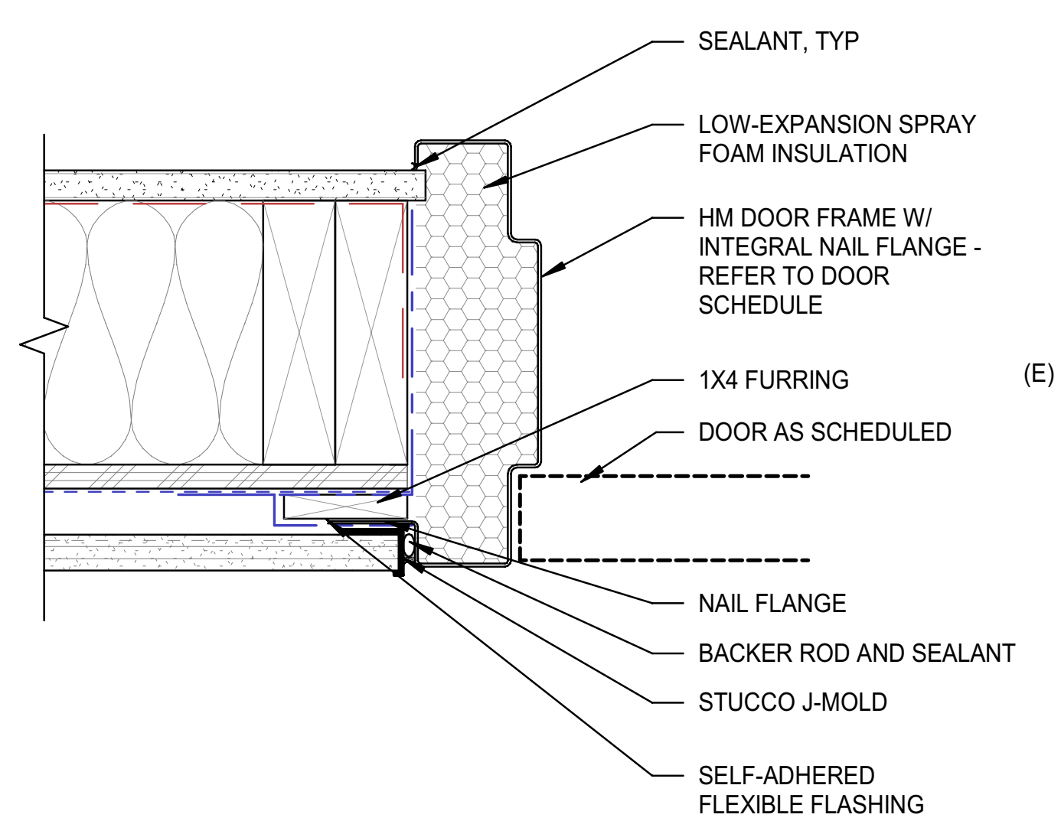

TYP. WOOD JAMB STUDS FULL HEIGHT (2)
FO STUD AT INTERIOR WALL, WHERE OCCURS
4"
2"
1/2"
HM DOOR ANCHOR AT JAMB CONDITION
2"
REFER TO PARTITION TYPE
HM DOOR FRAME ASSEMBLY - REFER TO DOOR SCHEDULE
VARIES
2"
1/2"
DOOR AS SCHEDULED
FO FINISH AT INTERIOR WALL, WHERE OCCURS
1/2"
5/8"
INSULATION AT ACOUSTIC WALLS
RETURN PROFILE TYPICAL AT ALL PARTITIONS

TYPICAL HOLLOW METAL FRAME INFORMATION:
1. SEE WALL TYPE FOR STUD WIDTH
2. FRAME THROAT IS TO BE SIZED TO RECEIVE FULL PARTITION THICKNESS UNLESS DETAILED OTHERWISE.
3. FULLY WELD FRAMES-(FWF):

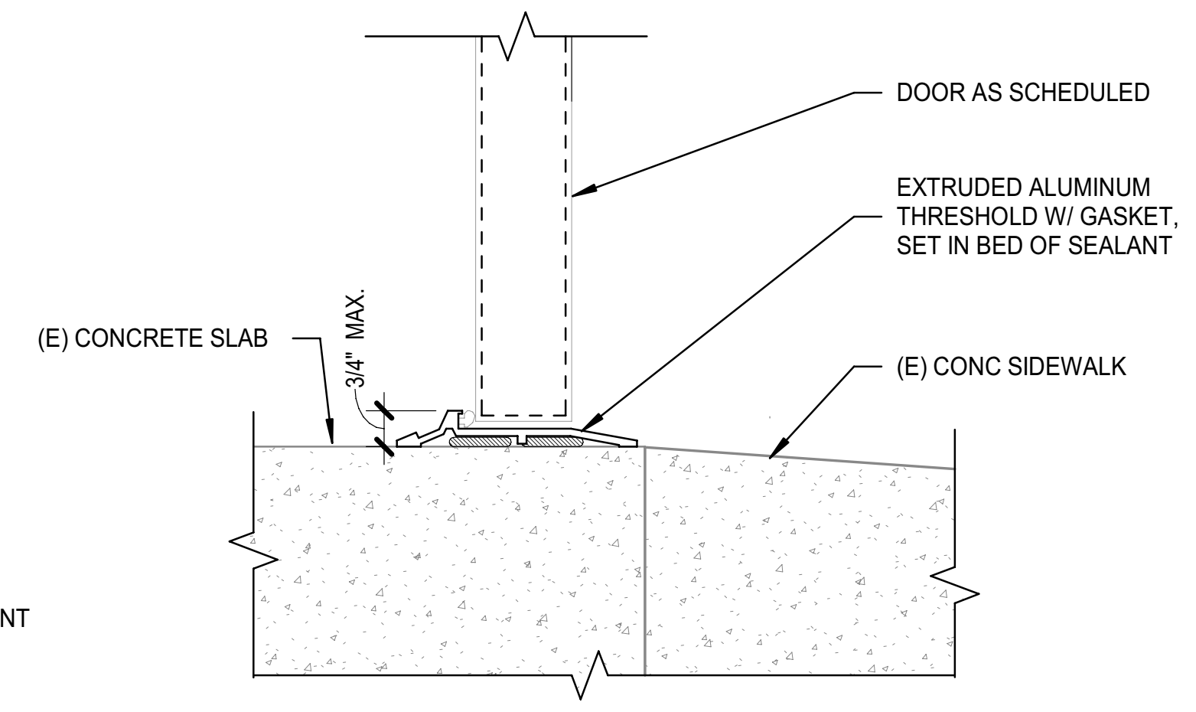
6 INT. HM DOOR JAMB (HEAD SIM.)
3" = 1'-0"



4 EXT. HM DOOR JAMB
3" = 1'-0"


SEALANT, TYP
LOW-EXPANSION SPRAY FOAM INSULATION
HM DOOR FRAME W/ INTEGRAL NAIL FLANGE - REFER TO DOOR SCHEDULE
1X4 FURRING
DOOR AS SCHEDULED
NAIL FLANGE
BACKER ROD AND SEALANT
STUCCO J-MOLD
SELF-ADHERED FLEXIBLE FLASHING

2 EXT. HM DOOR JAMB
3" = 1'-0"


DOOR AS SCHEDULED
EXTRUDED ALUMINUM THRESHOLD W/ GASKET, SET IN BED OF SEALANT
(E) CONCRETE SLAB
3/4" MAX.
(E) CONC SIDEWALK

1 EXT. HM DOOR THRESHOLD
3" = 1'-0"

SHEET NOTES

1. "SAFETY GLAZING" SHALL BE PROVIDED IN ALL "HAZARDOUS LOCATIONS" DEFINED IN OSSC 2406.4. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE OF THE GLAZING IS WITHIN A 24-INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES (1524 MM) ABOVE THE WALKING SURFACE SHALL BE CONSIDERED TO BE A HAZARDOUS LOCATION. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS SHALL BE CONSIDERED TO BE A HAZARDOUS LOCATION: THE EXPOSED AREA OF AN INDIVIDUAL PANE IS GREATER THAN 9 SQUARE FEET, THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES ABOVE THE FLOOR, THE TOP EDGE OF THE GLAZING IS GREATER THAN 36 INCHES ABOVE THE FLOOR, ONE OR MORE WALKING SURFACE(S) ARE WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE PLANE OF THE GLAZING
2. 'T' ON FRAME TYPES INDICATES TEMPERED SAFETY GLAZING.
3. 'L' ON FRAME TYPES INDICATES LAMINATED SAFETY GLAZING.
4. VERIFY IN FIELD ALL ROUGH OPENING DIMENSIONS.

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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MEDFORD SCHOOL DISTRICT 549C
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1900 N KEENE WAY DR, MEDFORD, OR 97504

Project

Consultant

Revisions

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Date	**04/01/24**
Job No.	**23_40**
Drawn By	**Author**
Checked By	**Checker**

100% CD

Date
04/01/24

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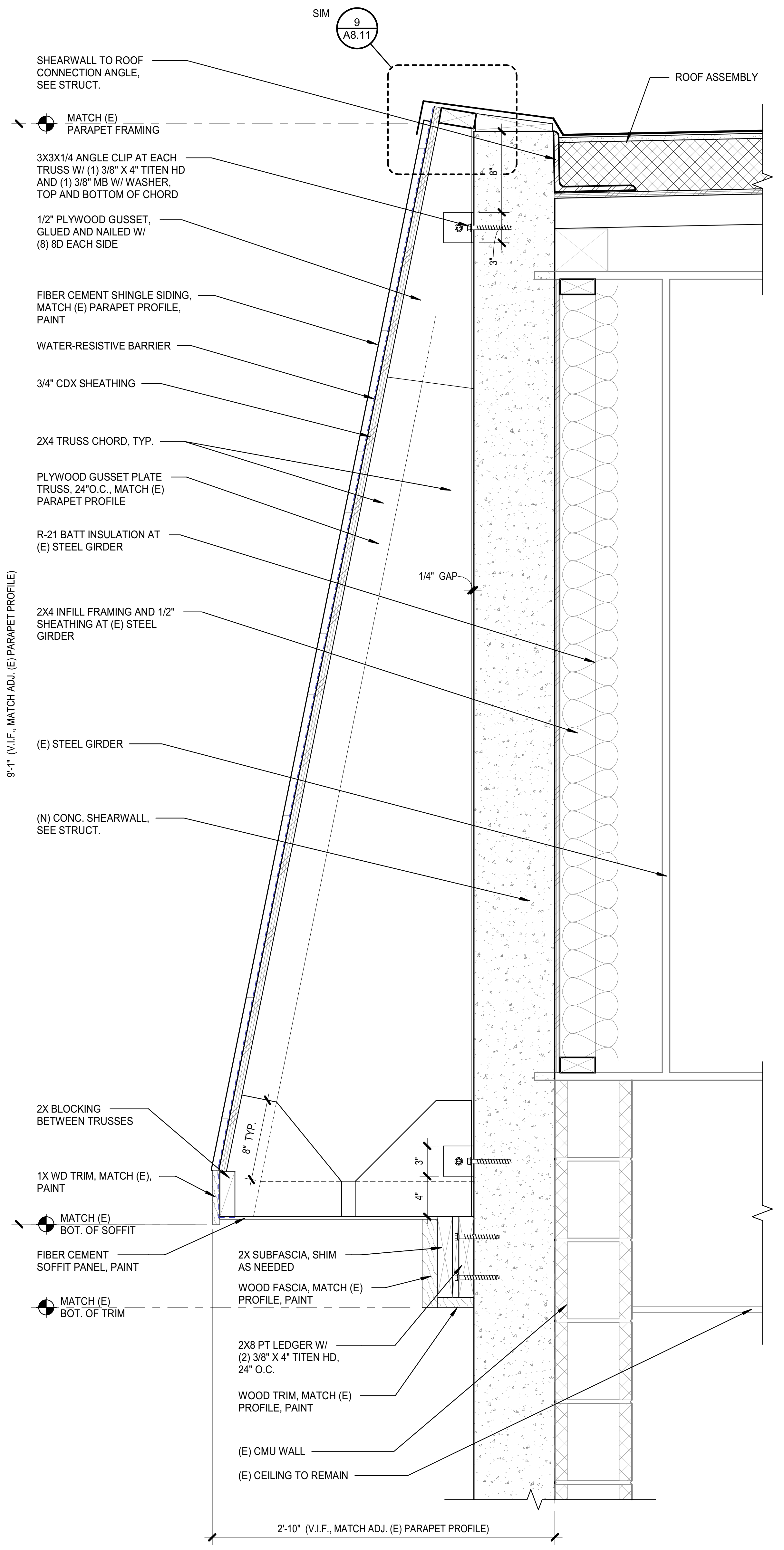
23_40

Drawing Title
DOOR & WINDOW SCHEDULE AND FRAME TYPES

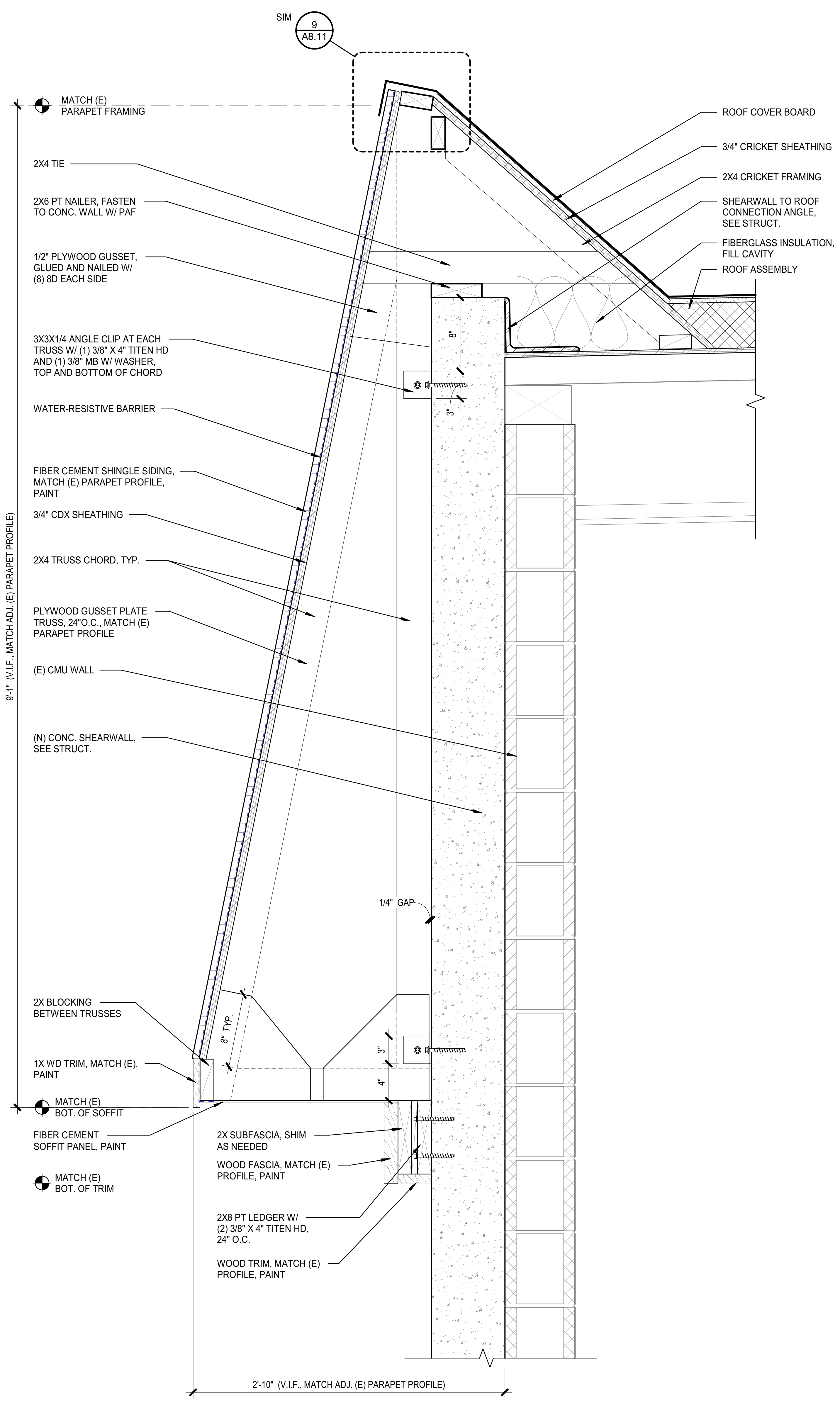
Sheet No
A8.01

DATE 4/2/2024 8:50:00 AM
FILE PATH:Autodesk Docs://NMHS SEISMIC/NMHS SEISMIC.rvt


SIM
9
A8.11
SHEARWALL TO ROOF CONNECTION ANGLE, SEE STRUCT.
ROOF ASSEMBLY
MATCH (E) PARAPET FRAMING
3X3X1/4 ANGLE CLIP AT EACH TRUSS W/ (1) 3/8" X 4" TITEN HD AND (1) 3/8" MB W/ WASHER, TOP AND BOTTOM OF CHORD
1/2" PLYWOOD GUSSET, GLUED AND NAILED W/ (8) 8D EACH SIDE
FIBER CEMENT SHINGLE SIDING, MATCH (E) PARAPET PROFILE, PAINT
WATER-RESISTIVE BARRIER
3/4" CDX SHEATHING
2X4 TRUSS CHORD, TYP.
PLYWOOD GUSSET PLATE TRUSS, 24"O.C., MATCH (E) PARAPET PROFILE
R-21 BATT INSULATION AT (E) STEEL GIRDER
2X4 INFILL FRAMING AND 1/2" SHEATHING AT (E) STEEL GIRDER
(E) STEEL GIRDER
(N) CONC. SHEARWALL, SEE STRUCT.
8"
3"
1/4" GAP
9'-1" (V.I.F., MATCH ADJ. (E) PARAPET PROFILE)
2X BLOCKING BETWEEN TRUSSES
8" TYP.
3"
4"
1X WD TRIM, MATCH (E), PAINT
MATCH (E) BOT. OF SOFFIT
FIBER CEMENT SOFFIT PANEL, PAINT
MATCH (E) BOT. OF TRIM
2X SUBFASCIA, SHIM AS NEEDED
WOOD FASCIA, MATCH (E) PROFILE, PAINT
2X8 PT LEDGER W/ (2) 3/8" X 4" TITEN HD, 24" O.C.
WOOD TRIM, MATCH (E) PROFILE, PAINT
(E) CMU WALL
(E) CEILING TO REMAIN
2'-10" (V.I.F., MATCH ADJ. (E) PARAPET PROFILE)

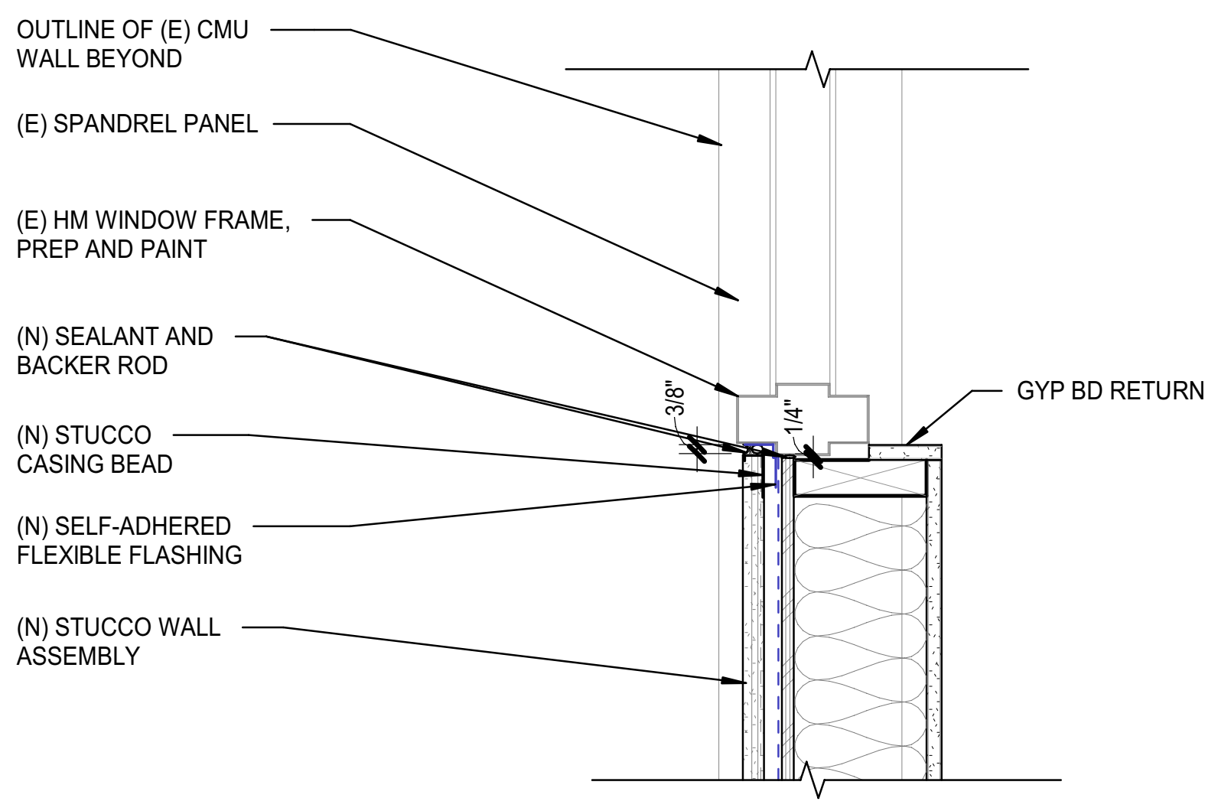
1 PARAPET AT CONC. SHEARWALL

1 1/2" = 1'-0"


SIM
9
A8.11
MATCH (E) PARAPET FRAMING
2X4 TIE
2X6 PT NAILER, FASTEN TO CONC. WALL W/ PAF
1/2" PLYWOOD GUSSET, GLUED AND NAILED W/ (8) 8D EACH SIDE
3X3X1/4 ANGLE CLIP AT EACH TRUSS W/ (1) 3/8" X 4" TITEN HD AND (1) 3/8" MB W/ WASHER, TOP AND BOTTOM OF CHORD
WATER-RESISTIVE BARRIER
FIBER CEMENT SHINGLE SIDING, MATCH (E) PARAPET PROFILE, PAINT
3/4" CDX SHEATHING
2X4 TRUSS CHORD, TYP.
PLYWOOD GUSSET PLATE TRUSS, 24"O.C., MATCH (E) PARAPET PROFILE
(E) CMU WALL
(N) CONC. SHEARWALL, SEE STRUCT.
ROOF COVER BOARD
3/4" CRICKET SHEATHING
2X4 CRICKET FRAMING
SHEARWALL TO ROOF CONNECTION ANGLE, SEE STRUCT.
FIBERGLASS INSULATION, FILL CAVITY
ROOF ASSEMBLY
8"
3"
1/4" GAP
9'-1" (V.I.F., MATCH ADJ. (E) PARAPET PROFILE)
2X BLOCKING BETWEEN TRUSSES
8" TYP.
3"
4"
1X WD TRIM, MATCH (E), PAINT
MATCH (E) BOT. OF SOFFIT
FIBER CEMENT SOFFIT PANEL, PAINT
MATCH (E) BOT. OF TRIM
2X SUBFASCIA, SHIM AS NEEDED
WOOD FASCIA, MATCH (E) PROFILE, PAINT
2X8 PT LEDGER W/ (2) 3/8" X 4" TITEN HD, 24" O.C.
WOOD TRIM, MATCH (E) PROFILE, PAINT
2'-10" (V.I.F., MATCH ADJ. (E) PARAPET PROFILE)

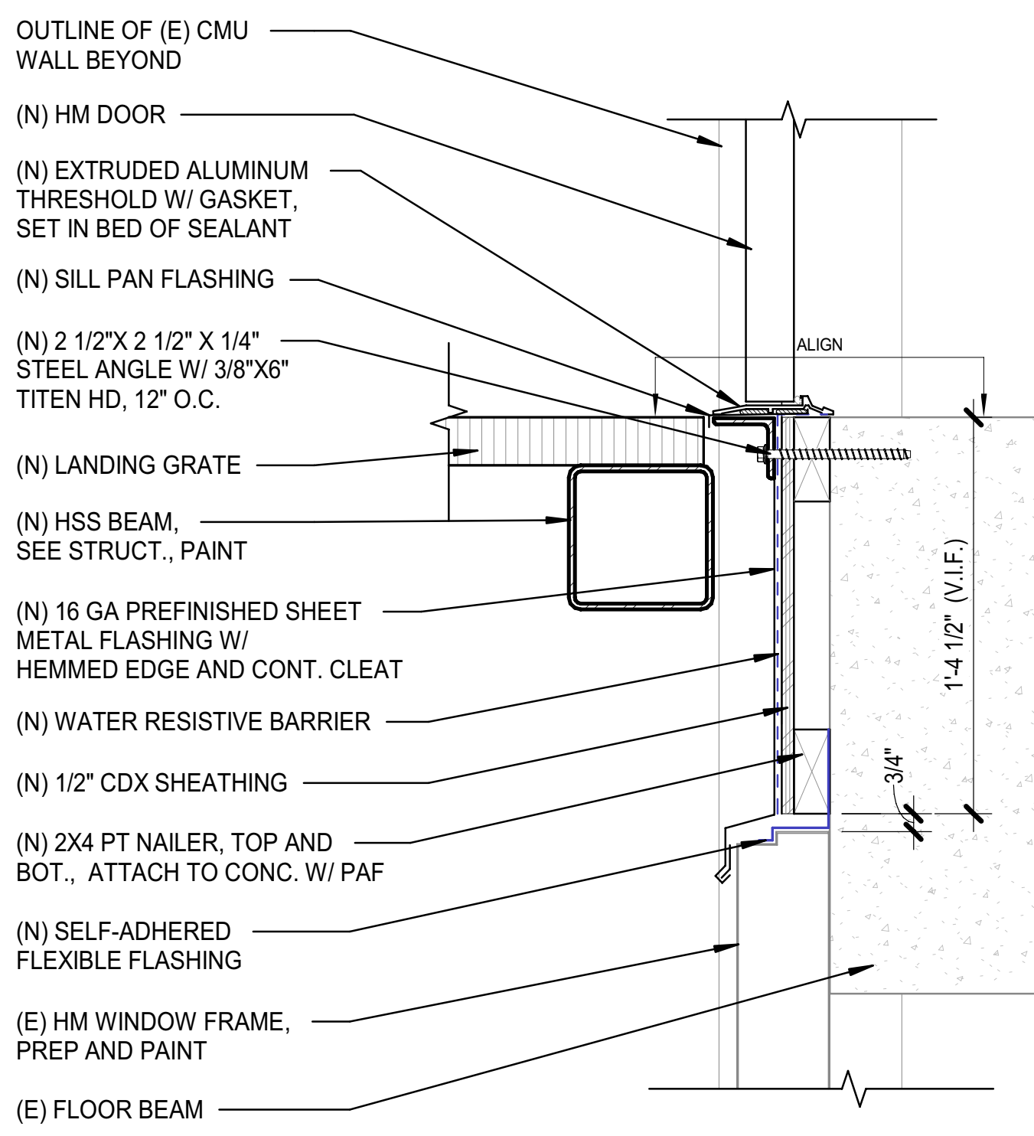
2 PARAPET AT CONC. SHEARWALL

1 1/2" = 1'-0"


OUTLINE OF (E) CMU WALL BEYOND
(E) SPANDREL PANEL
(E) HM WINDOW FRAME, PREP AND PAINT
(N) SEALANT AND BACKER ROD
(N) STUCCO CASING BEAD
(N) SELF-ADHERED FLEXIBLE FLASHING
(N) STUCCO WALL ASSEMBLY
GYP BD RETURN
3/8"
1/4"

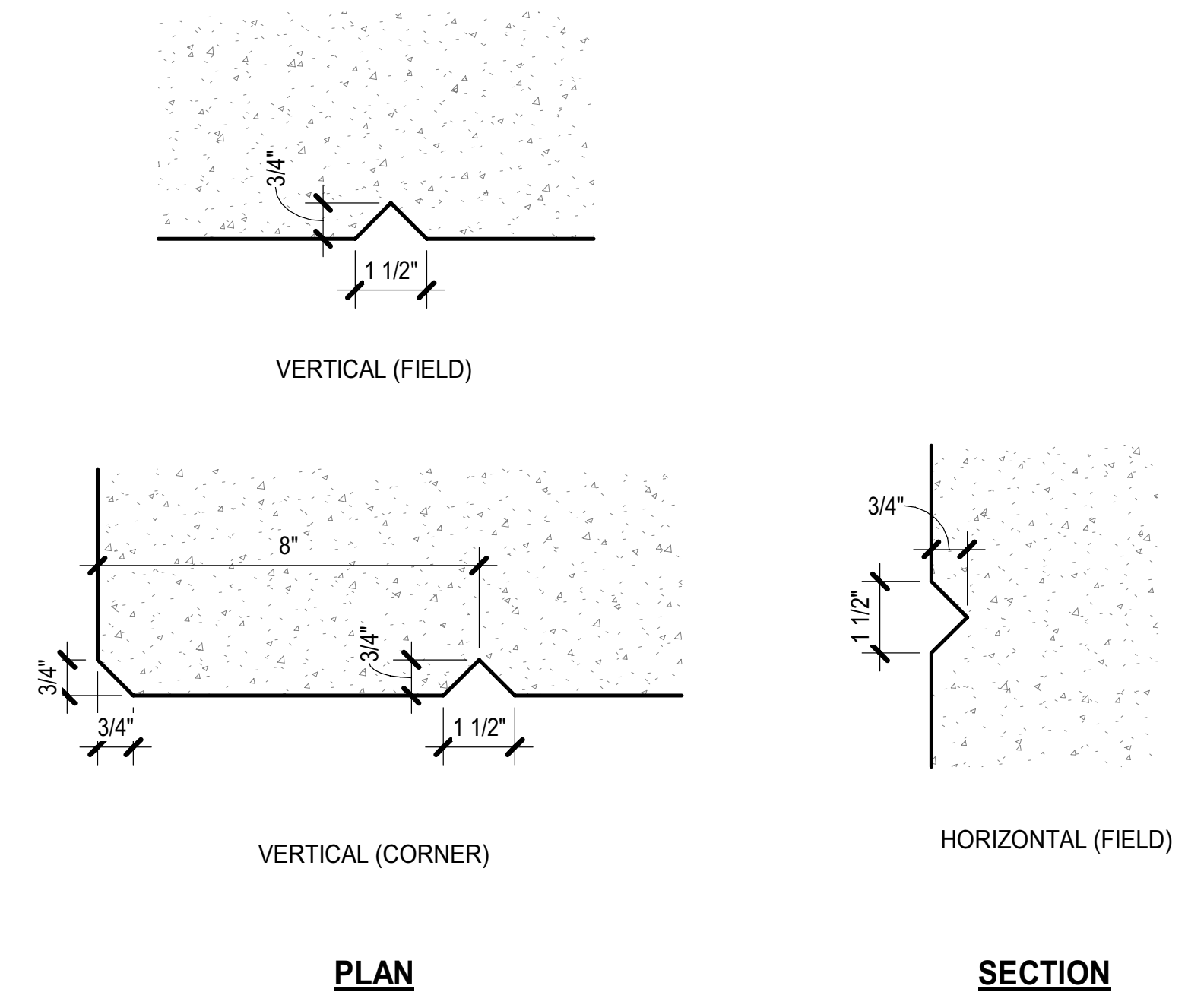
5 STUCCO WALL AT EXIST. HM FRAME

1 1/2" = 1'-0"


OUTLINE OF (E) CMU WALL BEYOND
(N) HM DOOR
(N) EXTRUDED ALUMINUM THRESHOLD W/ GASKET, SET IN BED OF SEALANT
(N) SILL PAN FLASHING
(N) 2 1/2"X 2 1/2" X 1/4" STEEL ANGLE W/ 3/8"X6" TITEN HD, 12" O.C.
(N) LANDING GRATE
(N) HSS BEAM, SEE STRUCT., PAINT
(N) 16 GA PREFINISHED SHEET METAL FLASHING W/ HEMMED EDGE AND CONT. CLEAT
(N) WATER RESISTIVE BARRIER
(N) 1/2" CDX SHEATHING
(N) 2X4 PT NAILER, TOP AND BOT., ATTACH TO CONC. W/ PAF
(N) SELF-ADHERED FLEXIBLE FLASHING
(E) HM WINDOW FRAME, PREP AND PAINT
(E) FLOOR BEAM
ALIGN
1'-4 1/2" (V.I.F.)
3/4"

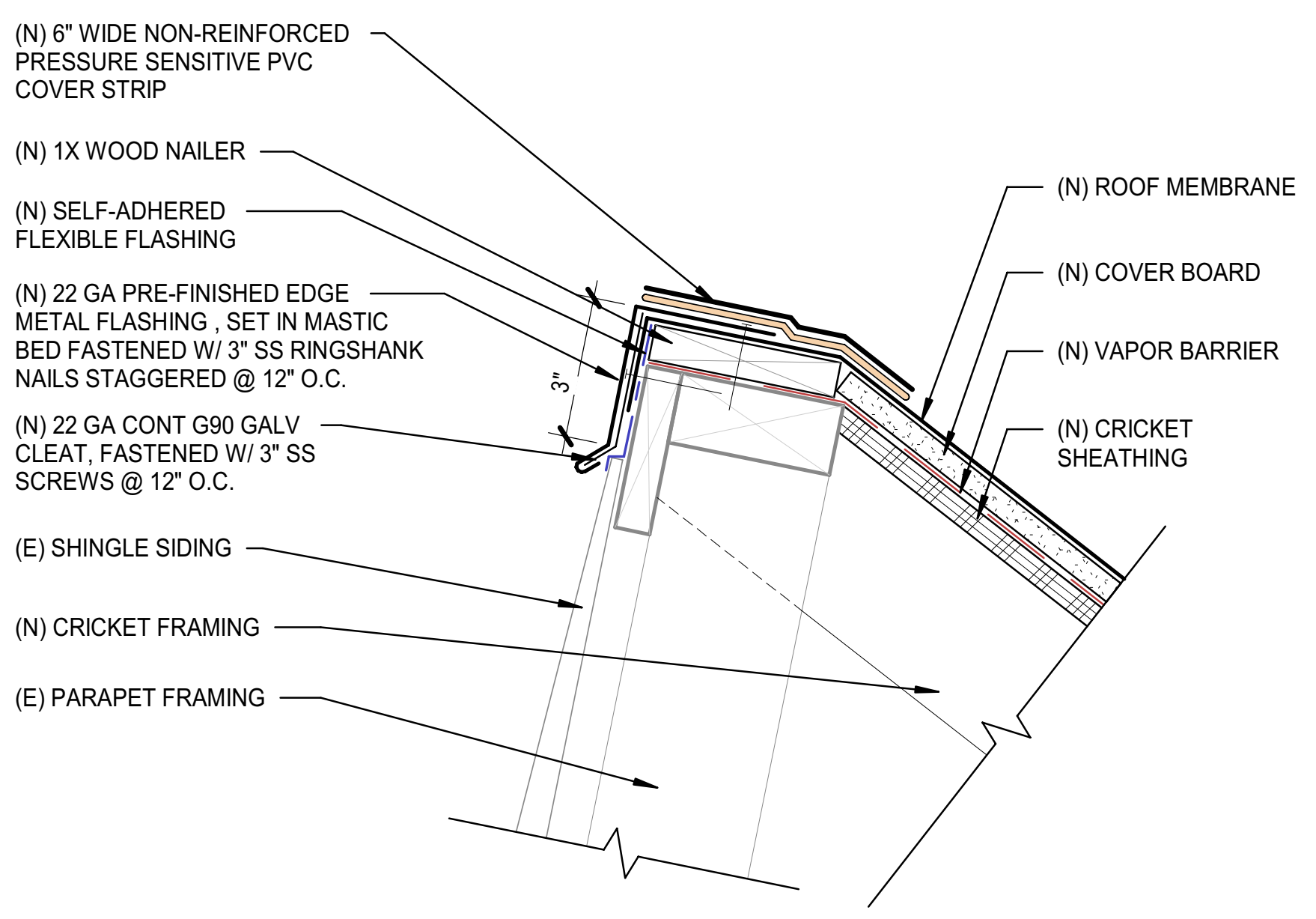
4 STAIR LANDING AT CONC. BEAM

1 1/2" = 1'-0"



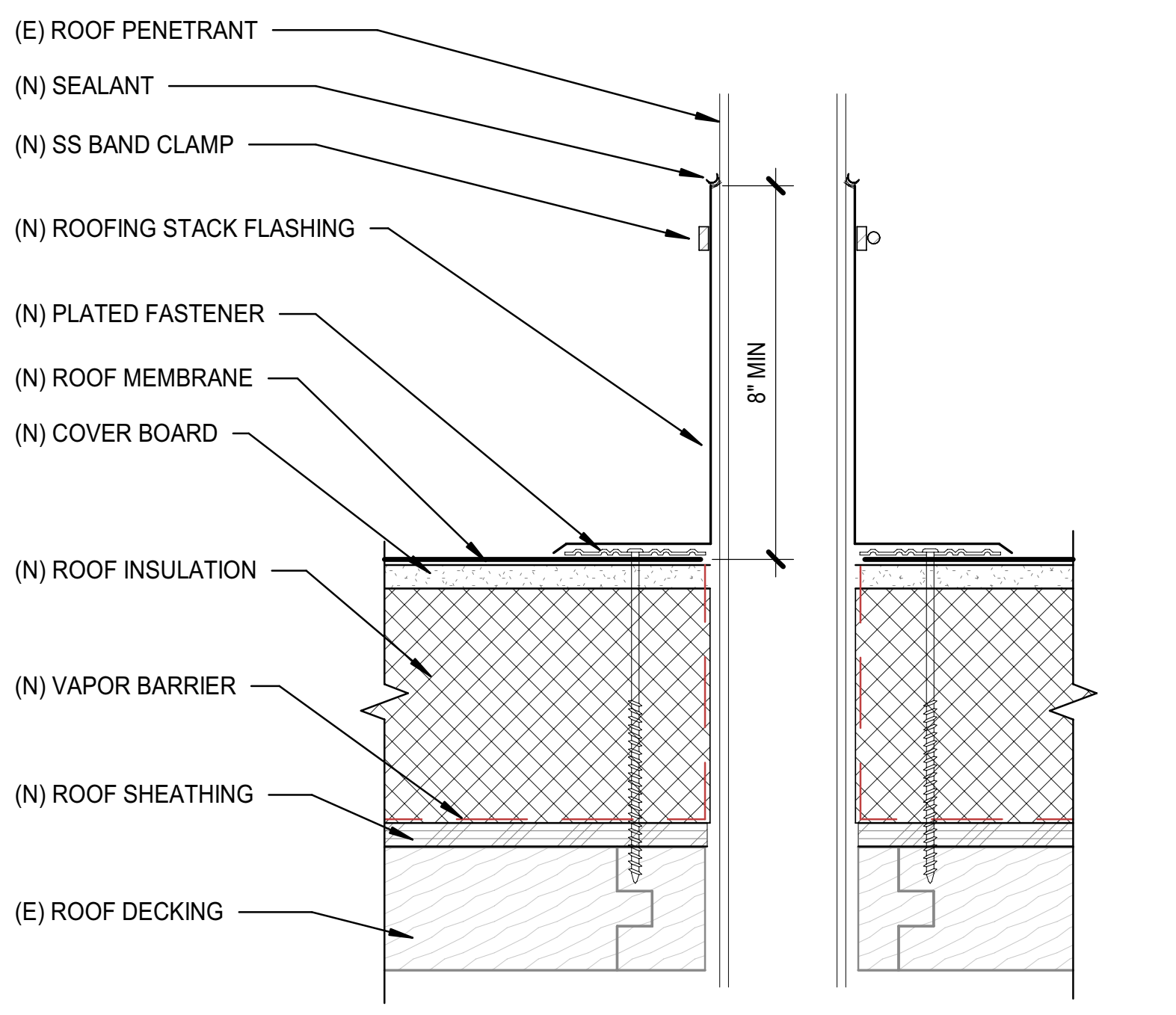
3 TYP. CONC. REVEALS

3" = 1'-0"


(N) 6" WIDE NON-REINFORCED PRESSURE SENSITIVE PVC COVER STRIP
(N) 1X WOOD NAILER
(N) SELF-ADHERED FLEXIBLE FLASHING
(N) 22 GA PRE-FINISHED EDGE METAL FLASHING , SET IN MASTIC BED FASTENED W/ 3" SS RINGSHANK NAILS STAGGERED @ 12" O.C.
(N) 22 GA CONT G90 GALV CLEAT, FASTENED W/ 3" SS SCREWS @ 12" O.C.
(E) SHINGLE SIDING
(N) CRICKET FRAMING
(E) PARAPET FRAMING
(N) ROOF MEMBRANE
(N) COVER BOARD
(N) VAPOR BARRIER
(N) CRICKET SHEATHING
3"

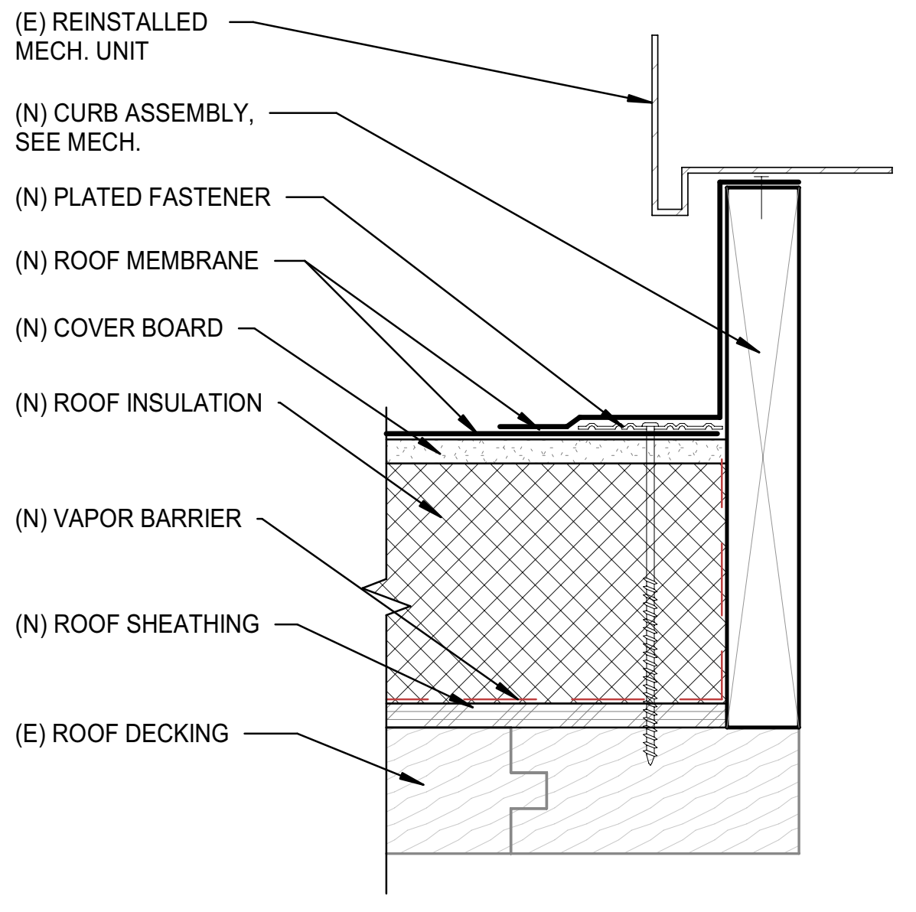
9 TYP. ROOF PARAPET FLASHING

3" = 1'-0"



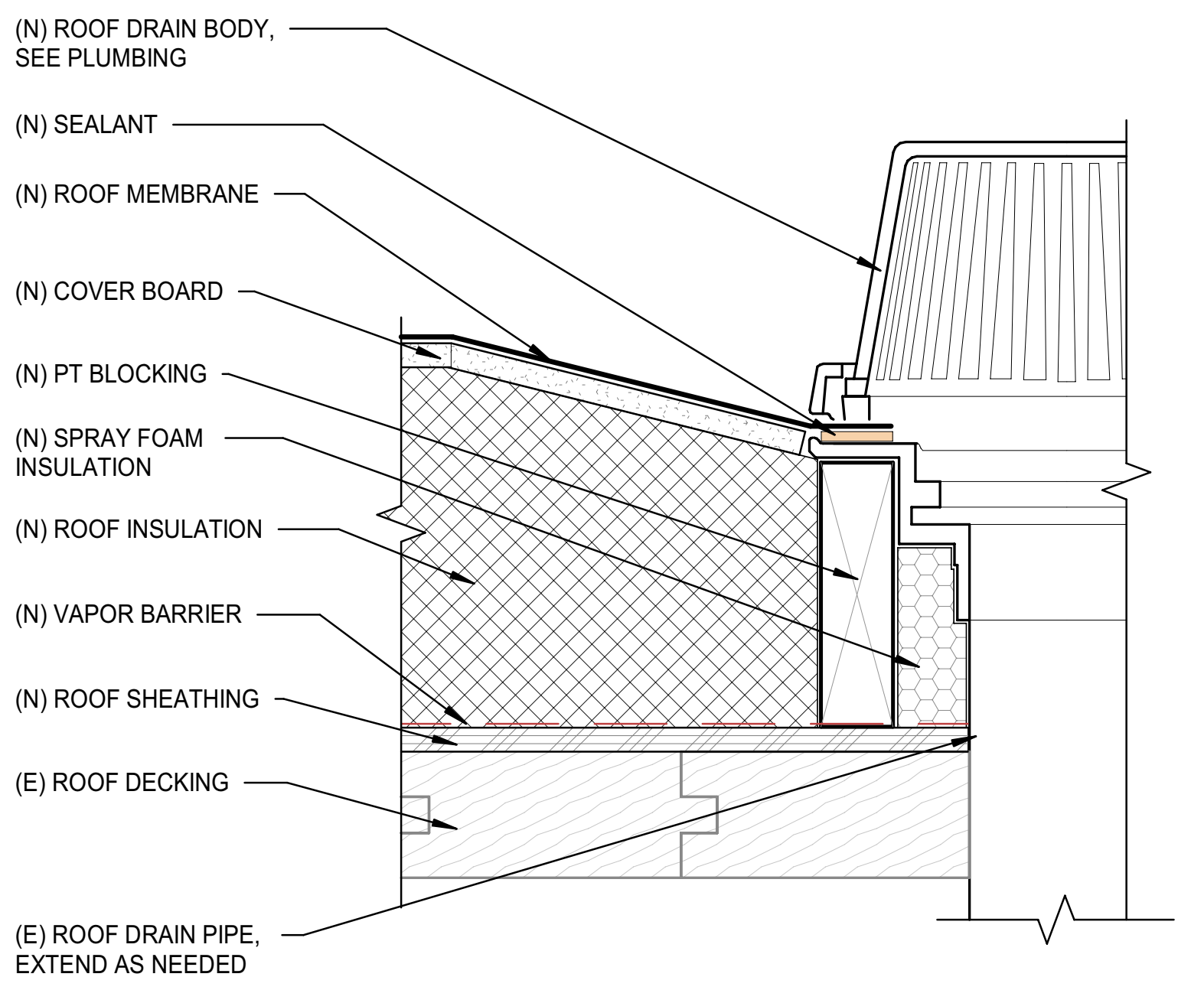
8 TYP. ROUND PENETRATION

3" = 1'-0"



7 TYP. MECH UNIT AT NEW CURB

3" = 1'-0"



6 TYP. ROOF DRAIN

3" = 1'-0"

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CONSTRUCTION

Project

MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

Consultant

Revisions

No.	Description	Date

Date	**04/01/24**
Job No.	**23_40**
Drawn By	**Author**
Checked By	**Checker**

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Date
04/01/24

Project Number
23_40

Drawing Title
EXTERIOR DETAILS

Sheet No
A8.11

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ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALLS - MATERIAL (FINISH)				CEILING MATERIAL (FINISH)	MISC
				NORTH	EAST	SOUTH	WEST		
101	ENTRY	EX/ LIN/ WOM	EX/ RB1	EX/ CEM (PT2)	-	EX/ CEM (PT2)	EX/ GWB (PT3)	EX/ GWB (PT3)	
102	STORAGE	-	-	-	-	-	-	-	
103	STAIR #1	-	-	-	-	-	-	-	
104	TICKET/ STORAGE	EX/ SC	EX/ RB1	-	-	-	-	GWB (PT3)	
105	TICKET	-	-	-	-	-	-	GWB (PT3)	
106	CONCESSIONS	-	-	-	-	-	-	GWB (PT3)	
107	TICKET	-	-	-	-	-	-	GWB (PT3)	
108	MECH	EX/ SC	-	-	-	-	-	-	
109	STORAGE	-	-	-	-	-	-	-	
110	STAIR #2	-	-	-	-	-	-	-	
111	MENS RR	EX/ EPX1	EX/ RB3	EX/ CEM (PT2)/ FRP	-	-	-	GWB (PT3)	
112	WOMENS RR	EX/ EPX1	-	-	-	EX/ CMU (PT2)	-	EX/ GWB (PT3)	
113	GIRLS LOCKERS	-	EX/ RB1	EX/ CMU (PT2)	EX/ GWB (PT3)	-	-	EX/ GWB (PT3)	
113A	GIRLS LOCKERS	-	-	-	-	-	-	-	
113B	GIRLS LOCKERS	-	-	-	-	-	-	-	
113C	CORRIDOR	-	EX/ RB1	EX (PT2)	-	EX (PT2)	EX/ GWB (PT3)	EX/ GWB (PT3)	
114	GIRLS SHOWER	-	-	-	-	-	-	-	
115	MECH/ ELEC	-	-	-	-	-	-	-	
116	COACH	EX/ VCT1	EX/ RB1	EX/ CMU (PT2)	-	-	GWB (PT3)	-	
116A	CORRIDOR	EX/ VCT1	EX/ RB1	EX (PT2)	GWB (PT3)	GWB (PT3)	PL (PT2)	GWB (PT3)	
116B	CORRIDOR	EX/ VCT1	EX/ RB1	GWB (PT3)	GWB (PT3)	EX (PT2)	GWB (PT3)	GWB (PT3)	
117	OFFICE	-	-	-	-	-	-	-	
118	RR	EX/ SV1	EX/ RB3	-	-	-	CEM (PT2)	GWB (PT3)	
119	GIRLS LOCKERS	EX/ PTC	EX/ RB1	-	-	-	CEM (PT2)	EX/ GWB (PT3)	
120	GIRLS RR	EX/ PTC	EX/ RB1	-	-	-	EX/ CEM (PT2)	EX/ GWB (PT3)	
121	MECH	-	-	-	-	-	-	-	
122	CORRIDOR	-	-	-	-	-	-	EX/ GWB (PT3)	
123	STORAGE	-	-	-	-	-	-	-	
124	CORRIDOR	-	-	-	-	-	-	-	
125	STORAGE	-	-	-	-	-	-	-	
126	BOYS LOCKERS	-	-	-	-	-	-	EX/ ACT	
128	MECH	-	-	-	-	-	-	-	
129	LAUNDRY	-	-	-	-	-	-	EX/ GWB (PT3)	
130	BOYS RR	-	-	-	-	-	-	-	
131	BOYS SHOWER	-	-	-	-	-	-	-	
132	RR	-	-	-	-	-	-	-	
133	OFFICE	-	-	-	-	-	-	-	
134	RR	-	-	-	-	-	-	-	
135	IT EQUIP	-	-	-	-	-	-	-	
136	TRAINING	-	-	-	-	-	-	-	
136A	TRAINING	-	-	-	-	-	-	-	
137	OFFICE	-	-	-	-	-	-	-	
138	CORRIDOR	EX/ VCT1	EX/ RB1	EX/ PCW (PT2)	-	EX/ CMU (PT2)	EX/ GWB (PT3)	EX/ ACT/ GWB (PT3)	
138A	COORIDOR	EX/ VCT1	EX/ RB1	-	GWB (PT3)	-	-	EX/ ACT	
139	OFFICE	-	-	-	-	-	-	-	
140	STORAGE	-	-	-	-	-	-	-	
141	STORAGE	-	-	-	-	-	-	-	
142	COACH	-	-	-	-	-	-	EX/ GWB (PT3)	
143	TEAM	-	-	-	-	-	-	EX/ GWB (PT3)	
144	TEAM	PTC	RB1	EX (PT2)	EX (PT2)	EX (PT2)	EX (PT2)	EX/ ACT	
145	TEAM	PTC	RB1	EX (PT2)	EX (PT2)	EX (PT2)	EX (PT2)	-	
146	CORRIDOR	-	-	-	-	-	-	EX/ ACT	
147	TEAM	EX/ SC	-	-	EX/ CEM (PT2)	-	-	-	
148	STAIR #3	-	-	-	-	-	-	-	
149A	STORAGE	-	-	-	-	-	-	-	
149B	FIRE SPRINKLERS	EX/ SC	-	-	EX/ CEM (PT2)	-	-	-	
151	MECH	-	-	-	-	-	-	-	
152	ELEV	-	-	-	-	-	-	-	
153	MAIN GYM	EX/ GWF	EX/ RB2	-	-	-	EX/ CEM (PT2)	-	REPAINT MURAL
153A	STORAGE	-	-	-	-	-	-	-	
153B	STORAGE	-	-	-	-	-	-	-	
153C	STORAGE	-	-	-	-	-	-	-	
153D	A/V	-	-	-	-	-	-	-	
201	STORAGE	-	EX/ RB1	EX/ GWB (PT3)	-	-	-	-	
202	WEIGHT ROOM	-	-	-	-	-	-	-	
203	STAIR #1	-	-	-	-	-	-	-	
204	STORAGE	-	-	-	-	-	-	-	
205	STAIR #2	-	-	-	-	-	-	-	
205A	CORRIDOR	-	-	-	-	-	-	-	
206	WRESTLING	-	-	-	-	-	-	-	
206A	STORAGE	-	EX/ RB1	EX/ GWB (PT3)	-	-	-	-	
207	UPPER GYM	-	-	-	-	-	-	EX/ GWB (PT3)	
208	STORAGE	-	-	-	-	-	-	-	
209	ELEV	-	-	-	-	-	-	-	
209A	CORRIDOR	EX/ SC	EX/ RB1	-	EX (PT1)/ GWB (PT3)	GWB (PT3)	EX (PT1)	EX/ GWB (PT3)	
210	STAIR #3	-	-	-	-	-	-	-	
301	MECHANICAL	-	-	-	-	-	-	-	
302	MECHANICAL	-	-	-	-	-	-	-	
303	STORAGE	-	-	-	-	-	-	-	

MATERIAL/ FINISH SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	COLLECTION	COLOR	SIZE	FINISH	NOTES
BASE							
RB1	4" RESILIENT BASE	ROPPE	700 TP	MATCH ADJ.	4"	-	-
RB2	GYM BASE	-	-	MATCH EXISTING	MATCH EXISTING	-	VENTED GYM BASE
RB3	COVE BASE AT RR	-	-	-	-	-	MATCH EXISTING
FLOOR							
EPX1	EXPOXY FLOORING	DUR-A-FLEX	DUR-A-CHIP	MATCH EXISTING	-	-	MATCH EXISTING COLOR AND PATTERN
GWF	GYM WOOD FLOORING AND SLEEPERS	-	-	-	-	-	MATCH EXISTING
LIN	LINOLEUM SHEET	FORBO	MCS 2.0	-	-	-	MATCH EXISTING COLOR AND PATTERN
PTC	PAINTED CONCRETE	SMITH'S	POLY-WB	MATCH EXISTING	-	-	MATCH EXISTING
SC	SEALED CONCRETE	SASE	SPR3 PENETRATING SEALER	-	-	-	-
SV1	SHEET VINYL	ARMSTRONG	MEDINTONE	MATCH EXISTING	-	-	MATCH EXISTING
VCT1	VINYL COMPOSITE TILE	ARMSTRONG	STANDARD EXECELON IMPERIAL TEXTURE	MATCH EXISTING	-	-	MATCH EXISTING COLOR AND PATTERN
WOM	WALK-OFF MAT	SHAW	WELCOME II	CHARCOAL	-	-	-
PAINT							
PT1	EXT. CONC. PAINT	RODDA	FORMWORX/ PHLEX-TITE XL, COVERCOAT XL	MATCH EXISTING	-	SATIN	AT CONC. SHEARWALLS
PT2	INT. CONC./ CEMENTITIOUS COATING PAINT	RODDA	PRIMESOLUTION FIRST COAT PRIMER, HORIZON	MATCH ADJ.	-	SEMI-GLOSS	AT CEMENTITIOUS COATING OVER FRP AND INTERIOR CONCRETE WALLS
PT3	GYP BD PAINT	RODDA	MASTER PAINTER ZERO ROSEAL PRIMER, HORIZON	MATCH ADJ.	-	SEMI-GLOSS	AT ALL NEW GYP BOARD, UNLESS NOTED OTHERWISE
PT4	DOOR/ TRIM PAINT	RODDA	PROTECH/ METAL MASTER PRIMER, PROTECH/ MULTI MASTER VST	MATCH EXISTING	-	LOW-GLOSS	AT INDICATED HOLLOW METAL DOORS AND FRAMES
PT5	EXT. METAL PAINT	RODDA	PROTECH/ METAL MASTER PRIMER, PROTECH/ MULTI MASTER VST	MATCH ADJ.	-	SATIN	AT NEW EXTERIOR EXPOSED METAL
PT6	SHINGLE SIDING PAINT	RODDA	FORMWORX/ PHLEX-TITE XL, COVERCOAT XL	MATCH ADJ.	-	SATIN	AT SHINGLE SIDING
WALL							
FRP1	FIBERGLASS REINFORCED PLASTIC PANEL	CRANE	GLASBORD	WHITE	4' HIGH	SMOOTH	AT RESTROOM RENOVATION

FFE RESPONSIBILITY MATRIX

ITEM DESCRIPTION	PROVIDED / INSTALLED / RESPONSIBILITY			Comments
	CF/CI	OF/CI	OF/OI	
MIRROR 2'x3'	X			
MIRROR 4'x2'	X			
TOILET PAPER DISPENSER		X		

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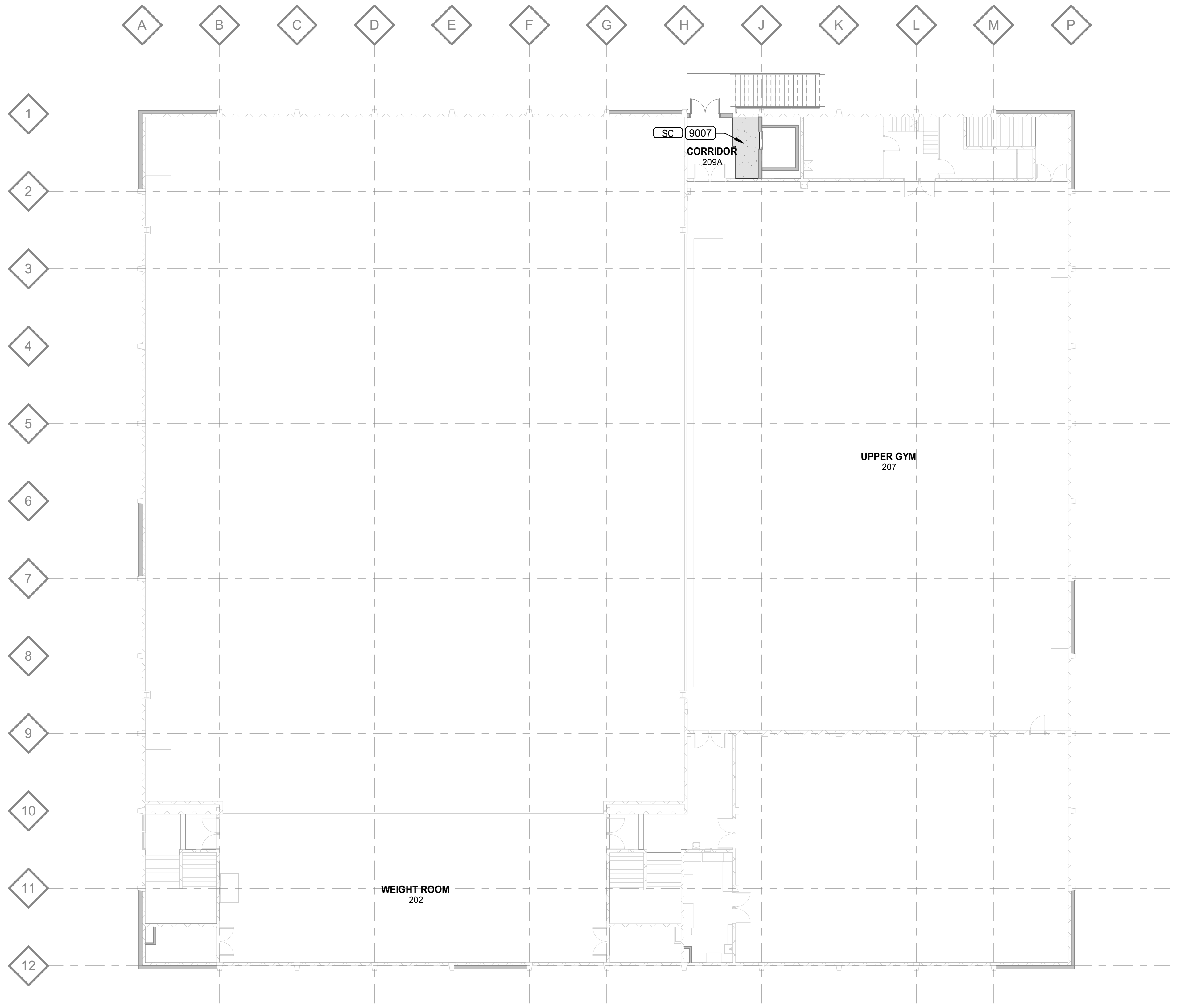
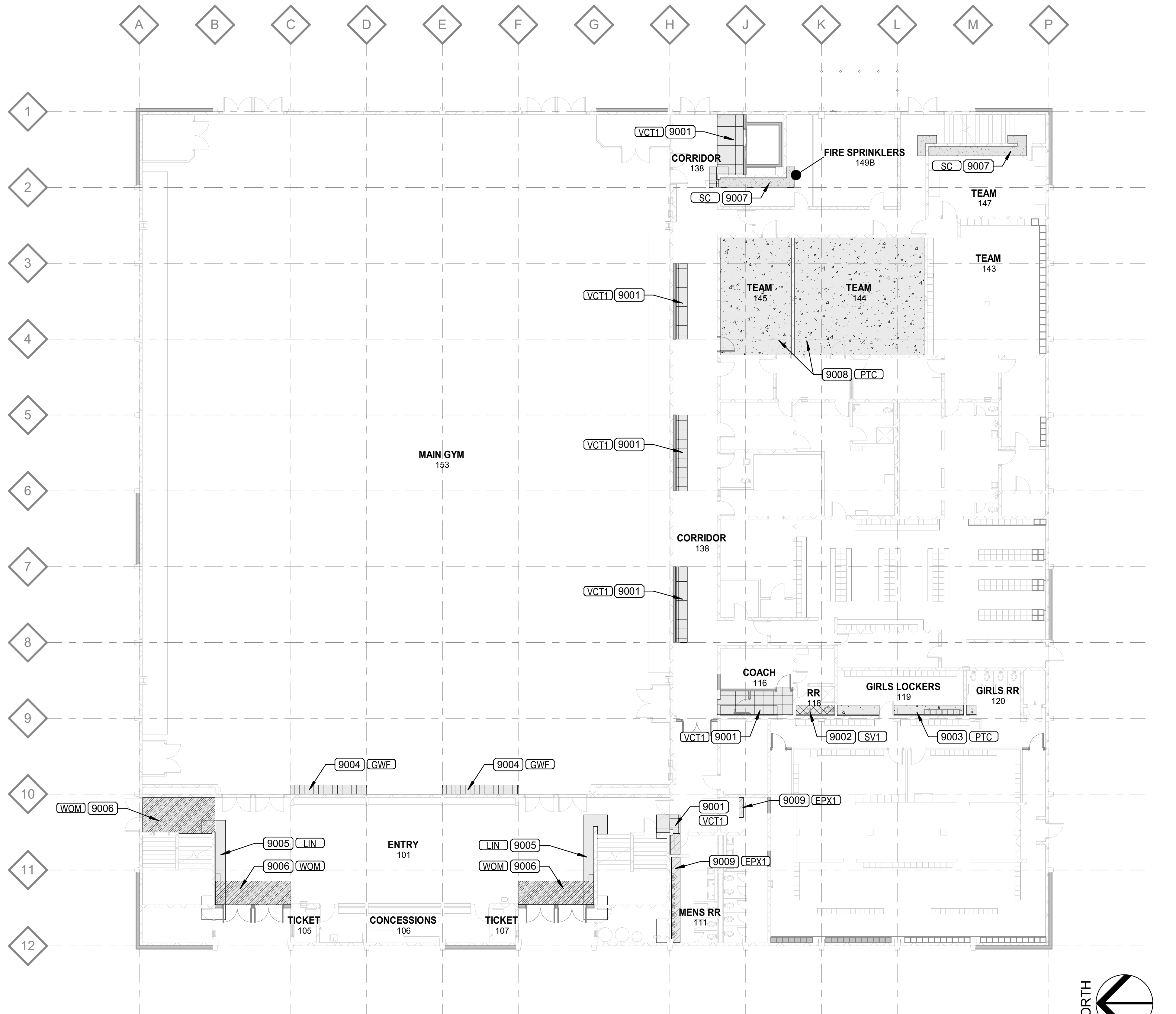


2 FLOOR FINISH PLAN - LEVEL 2

1/16" = 1'-0"



1 FLOOR FINISH PLAN - LEVEL1

1/16" = 1'-0"

SHEET NOTES

1. CONTRACTOR SHALL PERFORM FIELD INVESTIGATIONS TO CONFIRM EXISTING FLOORING MATERIALS TO BE PATCHED PRIOR TO FINAL BID AND COMMENCEMENT OF CONSTRUCTION.
2. ALL FLOORING PATCHES TO MATCH ADJACENT FLOORING TO THE GREATEST EXTENT POSSIBLE.
3. PROVIDE FLOOR TRANSITIONS BETWEEN DISSIMILAR FLOORING MATERIALS. WHERE NOT INDICATED, TRANSITION IS TO OCCUR CENTERED UNDER DOOR.
4. PATCH ALL EXISTING FLOORING AT DEMOLISHED CASEWORK NOT BEING REPLACED.

FINISH ABBREVIATIONS:

ACT	ACOUSTIC CEILING TILE
ADT	ADHERED CEILING TILE
CEM	CEMENTITIOUS COATING
CMU	CONCRETE MASONRY UNIT
EPX	EPOXY FLOORING
EX	EXISTING
EXP	EXPOSED TO ABOVE
FRP	FIBERGLASS-REINFORCED PLASTIC
GWB	GYPSUM WALL BOARD
P/ PT	PAINT
PLAM	PLASTIC LAMINATE
PTC	PAINTED CONCRETE FLOOR
PCW	PAINTED CONCRETE WALL
RB	RESILIENT BASE
SC	SEALED CONCRETE
WD	WOOD
WRP	WEIGHT ROOM PAD FLOORING
VCT	VINYL COMPOSITE TILE

KEYNOTES

9001	(N) VCT FLOORING PATCH, MATCH (E)
9002	(N) SHEET VINYL FLOORING PATCH, MATCH (E)
9003	(N) PAINTED CONCRETE PATCH, MATCH (E)
9004	(N) GYM FLOORING PATCH, MATCH (E)
9005	(N) SHEET LINOLEUM FLOORING PATCH, MATCH (E)
9006	(N) WALK-OFF MAT CARPET
9007	(N) SEALED CONCRETE SLAB
9008	(N) CONCRETE FLOOR PAINT, MATCH (E)
9009	(N) EPOXY FLOORING PATCH W/ INTEGRAL BASE, MATCH (E)

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APPROVED
Sam Barnum
05/03/24

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REGISTERED ARCHITECT
CHRISTOPHER PLUMMER BROWN
6022
ASHLAND, OREGON
STATE OF OREGON

MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

Project

Consultant

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Date	04/01/24
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100% CD

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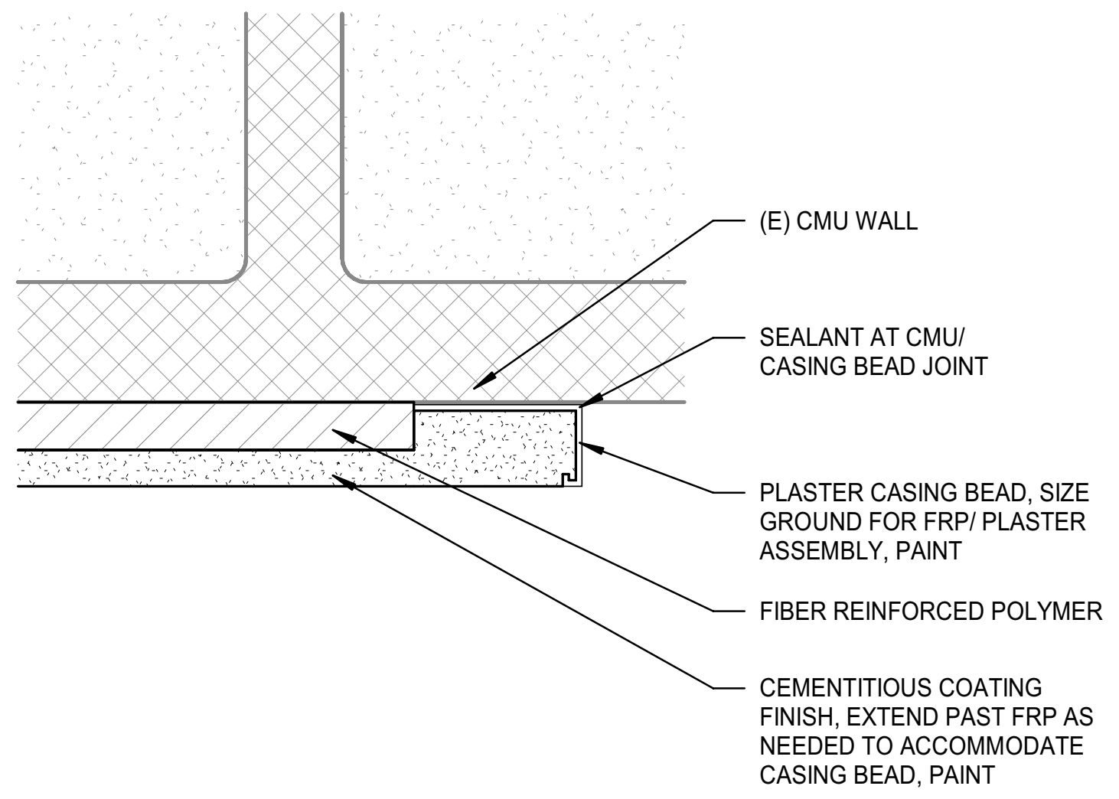
23_40

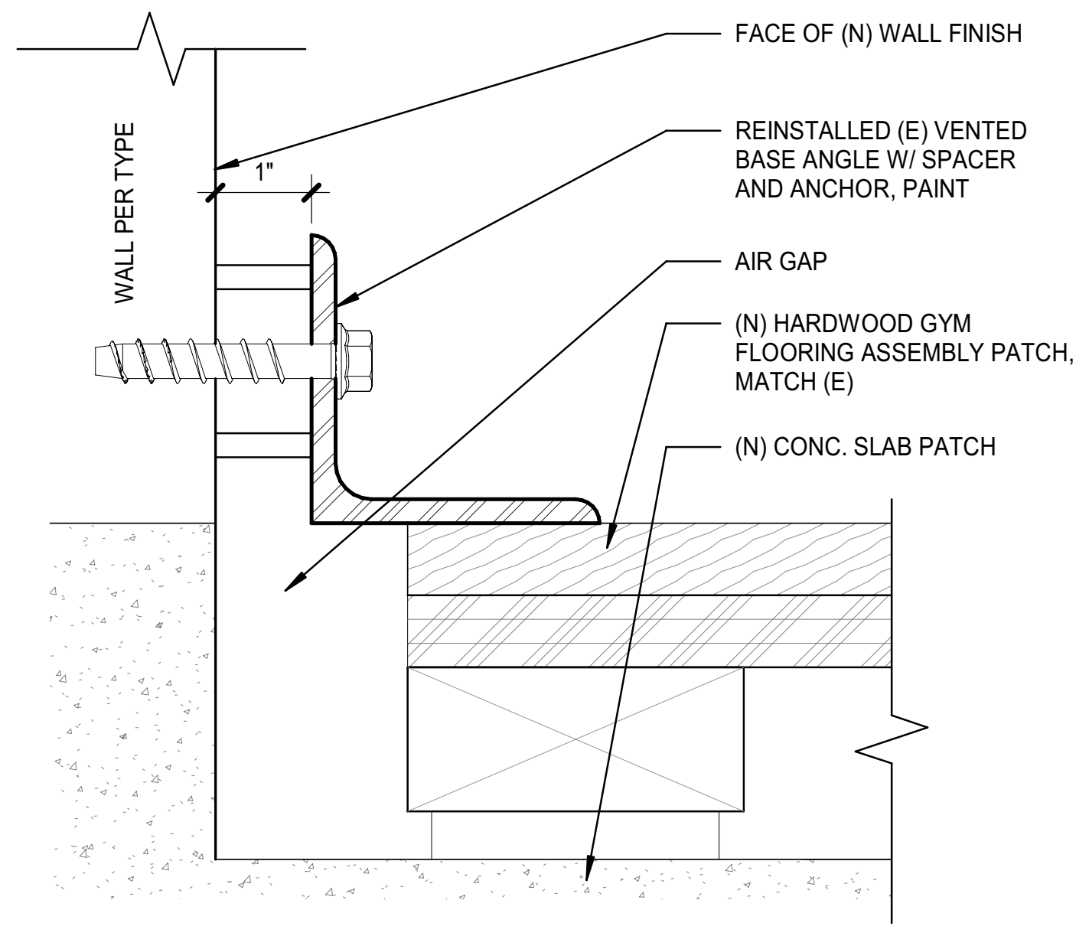
Drawing Title
INT. FINISH ROOM SCHEDULE/ FF&E MATRIX/ FLOOR FINISH PLANS

Sheet No
A9.01


(E) CMU WALL
SEALANT AT CMU/ CASING BEAD JOINT
PLASTER CASING BEAD, SIZE GROUND FOR FRP/ PLASTER ASSEMBLY, PAINT
FIBER REINFORCED POLYMER
CEMENTITIOUS COATING FINISH, EXTEND PAST FRP AS NEEDED TO ACCOMMODATE CASING BEAD, PAINT

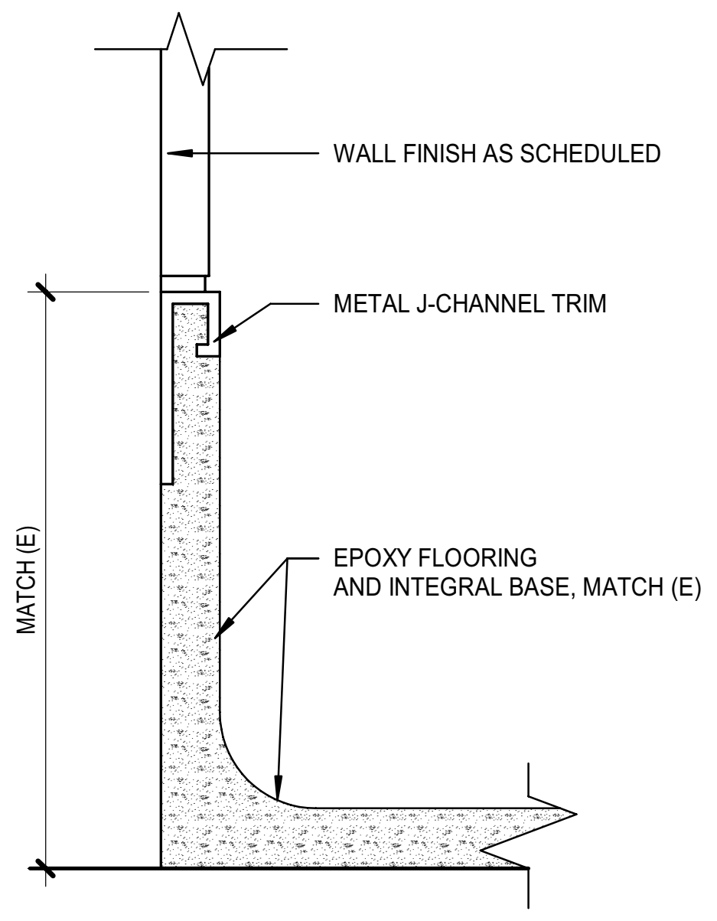
4 PLASTER TERMINATION - PLAN

6" = 1'-0"


FACE OF (N) WALL FINISH
WALL PER TYPE
1"
REINSTALLED (E) VENTED BASE ANGLE W/ SPACER AND ANCHOR, PAINT
AIR GAP
(N) HARDWOOD GYM FLOORING ASSEMBLY PATCH, MATCH (E)
(N) CONC. SLAB PATCH

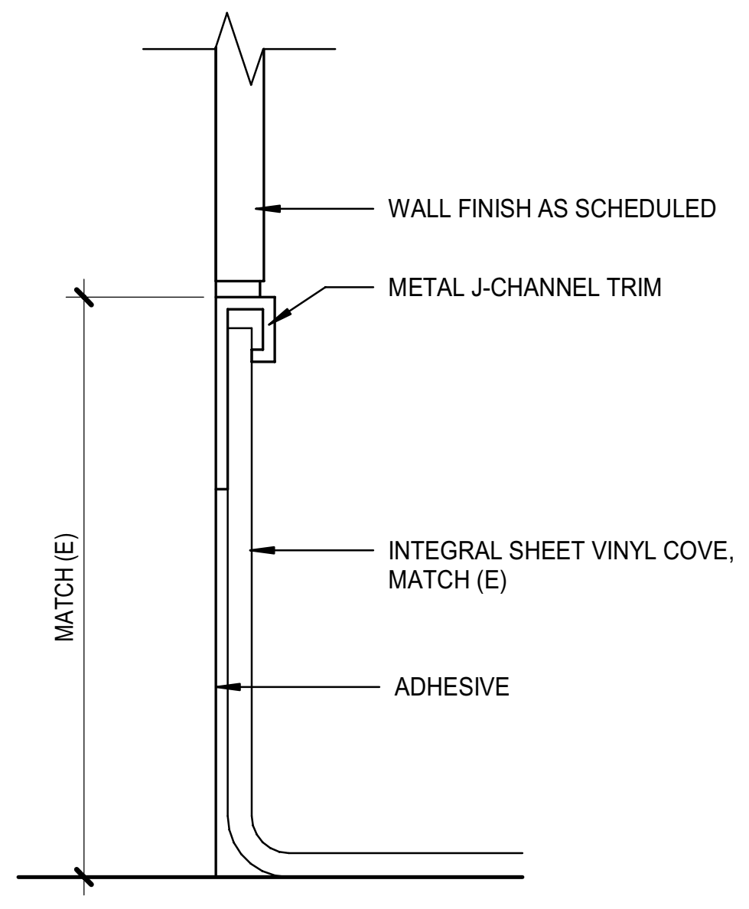
1 GYM WOOD FLOORING PATCH

6" = 1'-0"



2 FLUID-APPLIED INTEGRAL BASE

6" = 1'-0"



3 VINYL SELF-COVE BASE

6" = 1'-0"

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CHRISTOPHER PLUMMER BROWN
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NORTH MEDFORD HIGH SCHOOL GYM
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Drawing Title
INTERIOR DETAILS - MISC.

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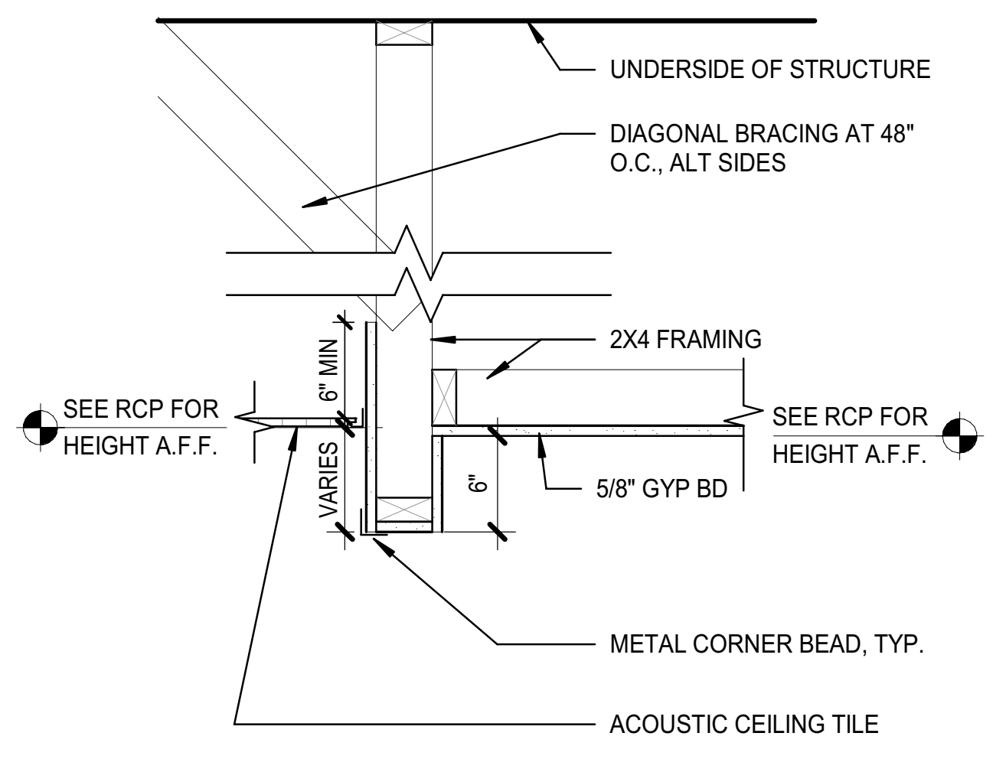
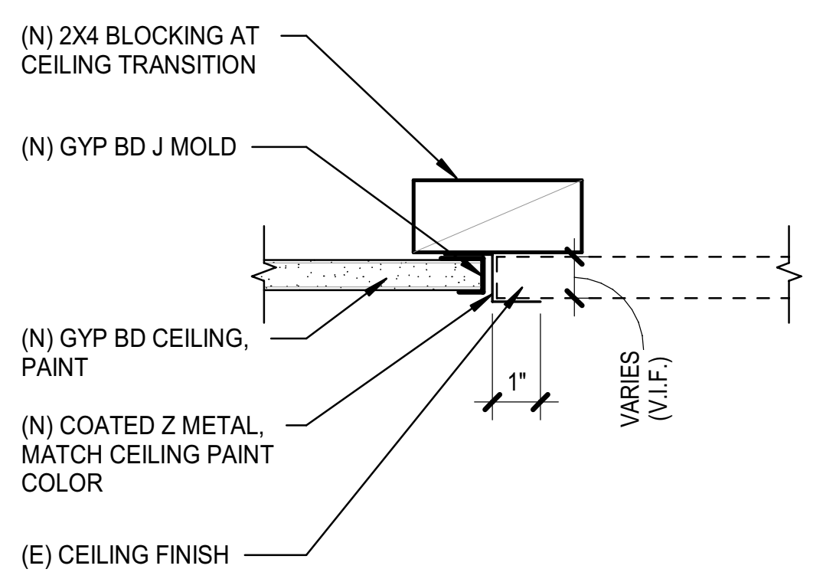


1 GYP BD BULKHEAD

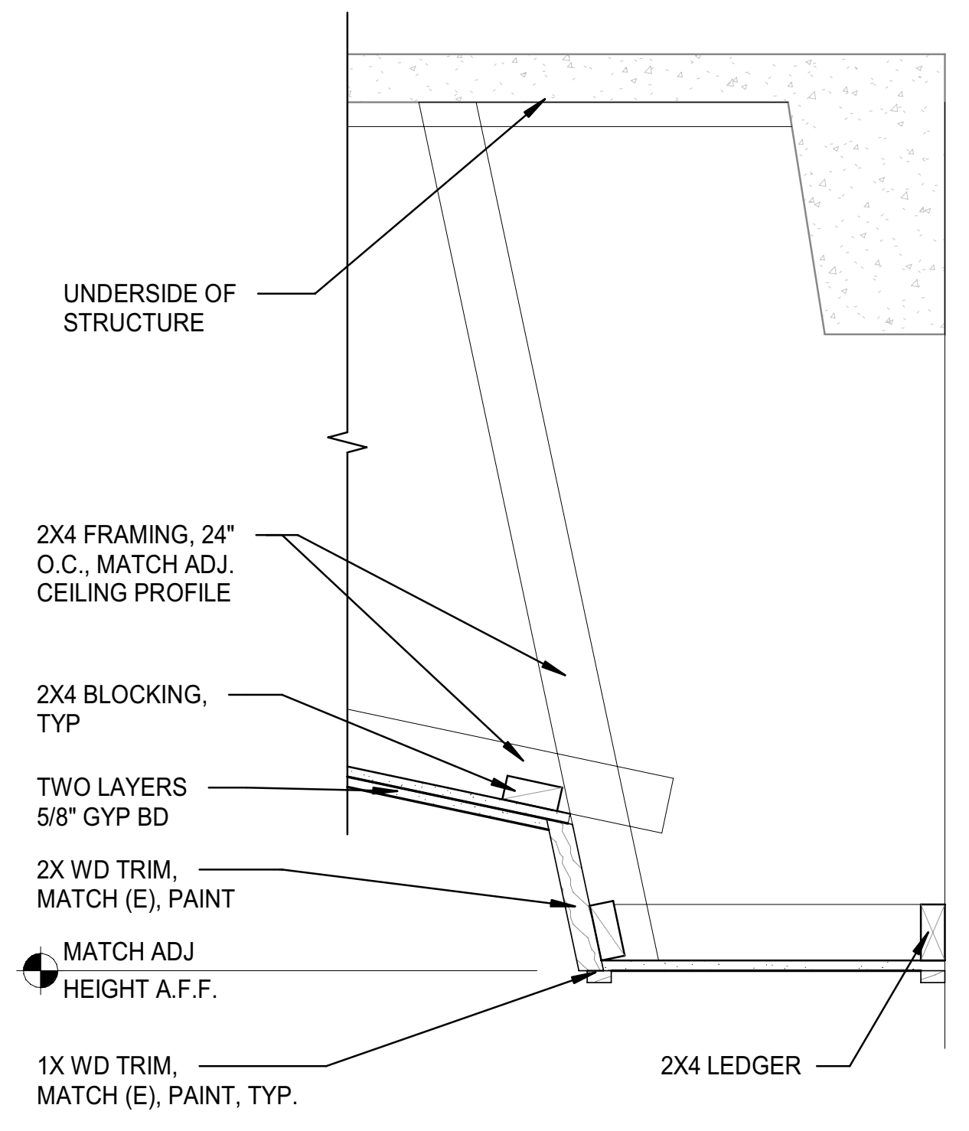
ACT : GYP BD

1" = 1'-0"


(N) 2X4 BLOCKING AT CEILING TRANSITION
(N) GYP BD J MOLD
(N) GYP BD CEILING, PAINT
(N) COATED Z METAL, MATCH CEILING PAINT COLOR
(E) CEILING FINISH
1"
VARIES (V.I.F.)

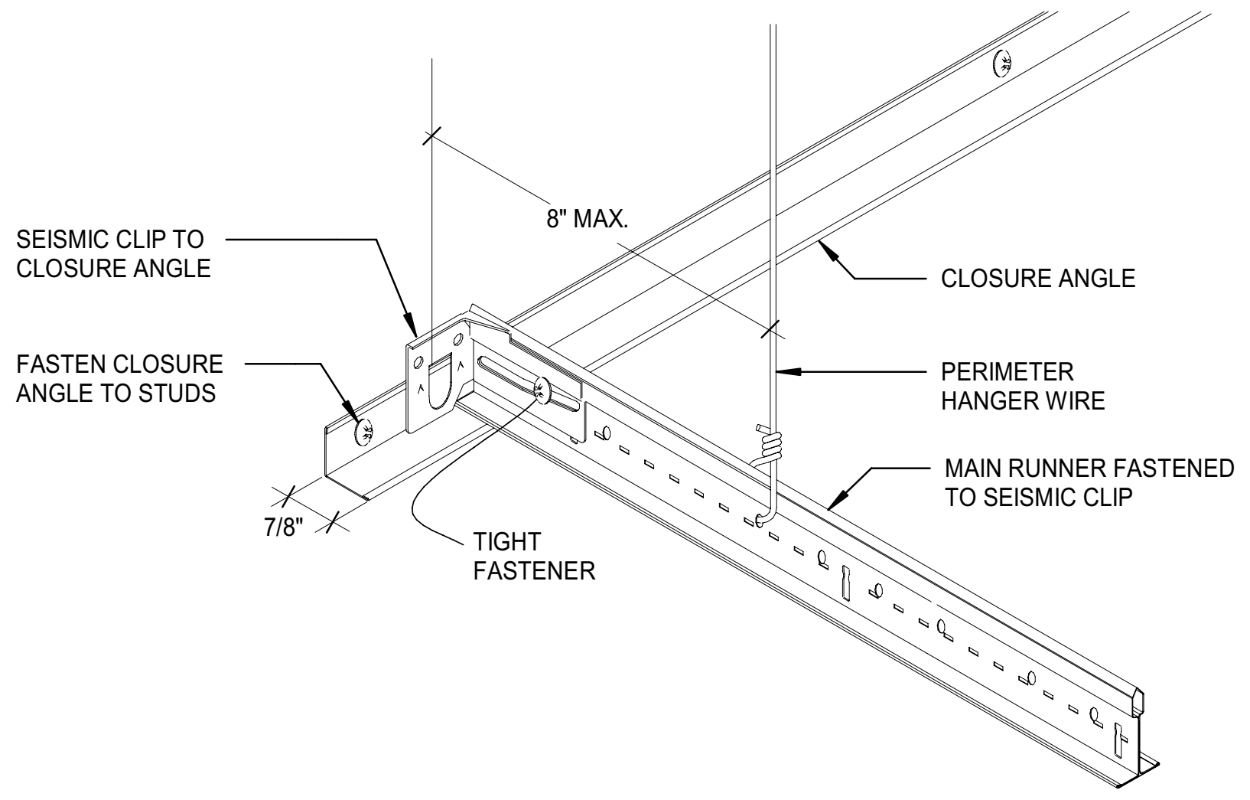
2 GYP BD PATCH AT EXIST CEILING

3" = 1'-0"


UNDERSIDE OF STRUCTURE
2X4 FRAMING, 24" O.C., MATCH ADJ. CEILING PROFILE
2X4 BLOCKING, TYP
TWO LAYERS 5/8" GYP BD
2X WD TRIM, MATCH (E), PAINT
MATCH ADJ HEIGHT A.F.F.
1X WD TRIM, MATCH (E), PAINT, TYP.
2X4 LEDGER

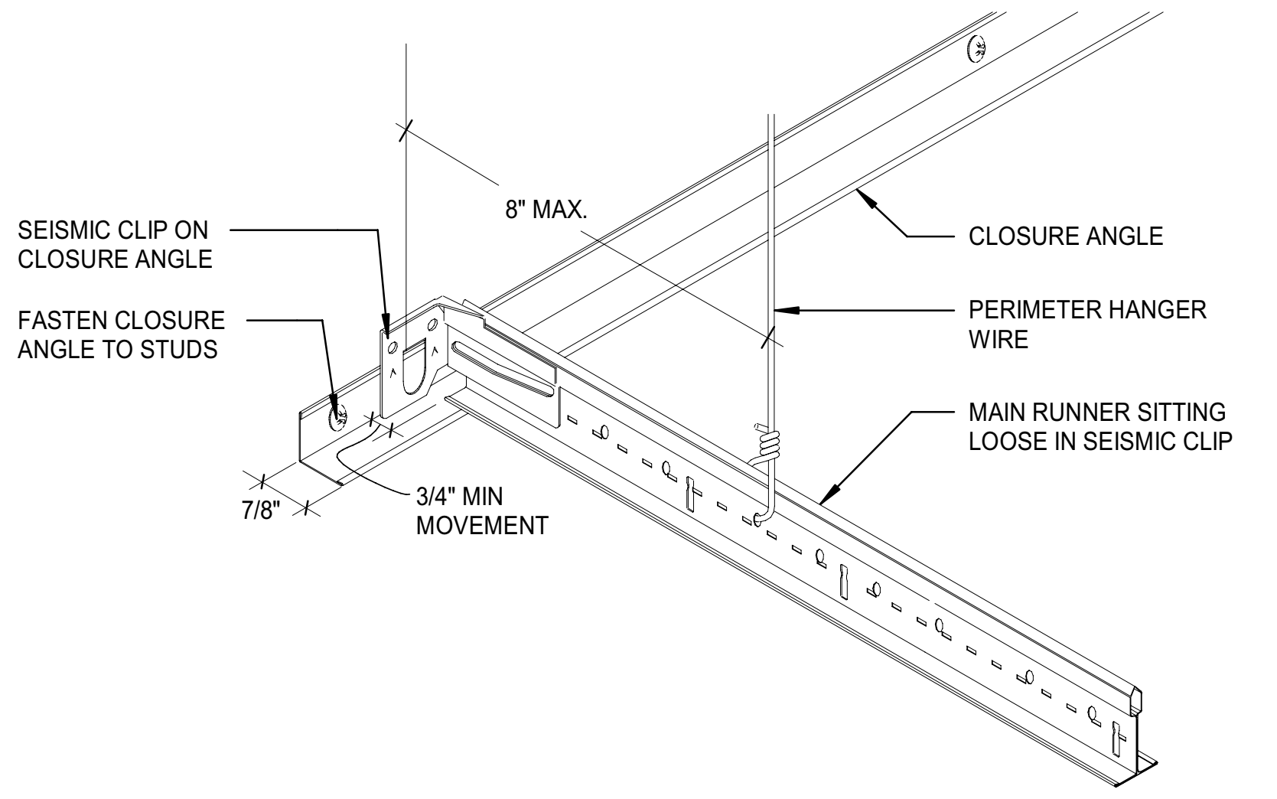
3 CEILING REPLACMENT AT LOBBY

1" = 1'-0"


SEISMIC CLIP TO CLOSURE ANGLE
FASTEN CLOSURE ANGLE TO STUDS
8" MAX.
CLOSURE ANGLE
PERIMETER HANGER WIRE
MAIN RUNNER FASTENED TO SEISMIC CLIP
7/8"
TIGHT FASTENER

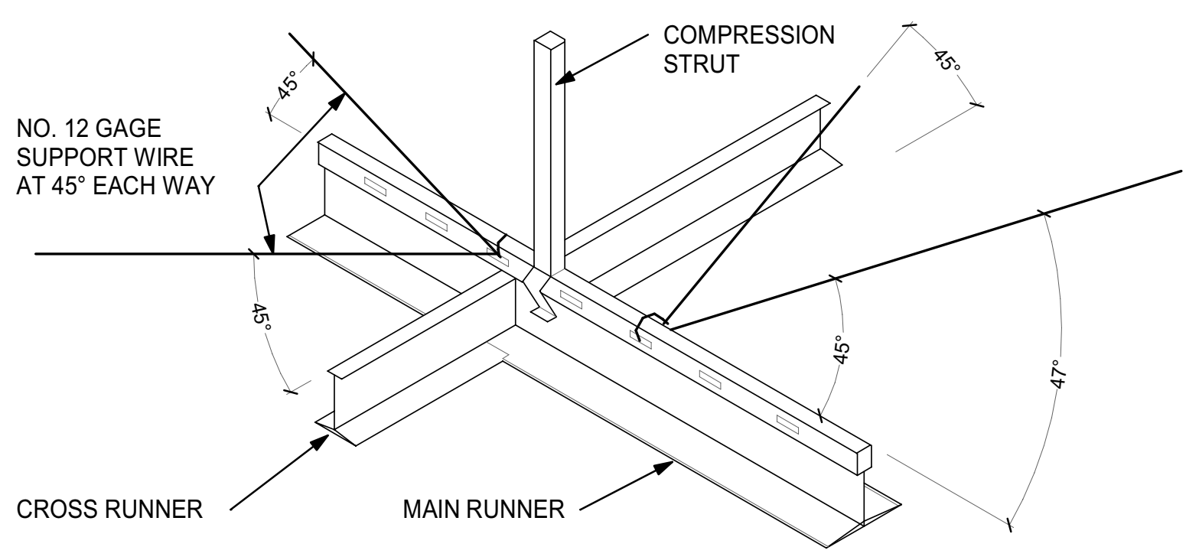
B ACT-SEISMIC JOINT-ATTACHED

NOT TO SCALE


SEISMIC CLIP ON CLOSURE ANGLE
FASTEN CLOSURE ANGLE TO STUDS
8" MAX.
CLOSURE ANGLE
PERIMETER HANGER WIRE
MAIN RUNNER SITTING LOOSE IN SEISMIC CLIP
7/8"
3/4" MIN MOVEMENT

C ACT-SEISMIC JOINT-UNATTACHED

NOT TO SCALE

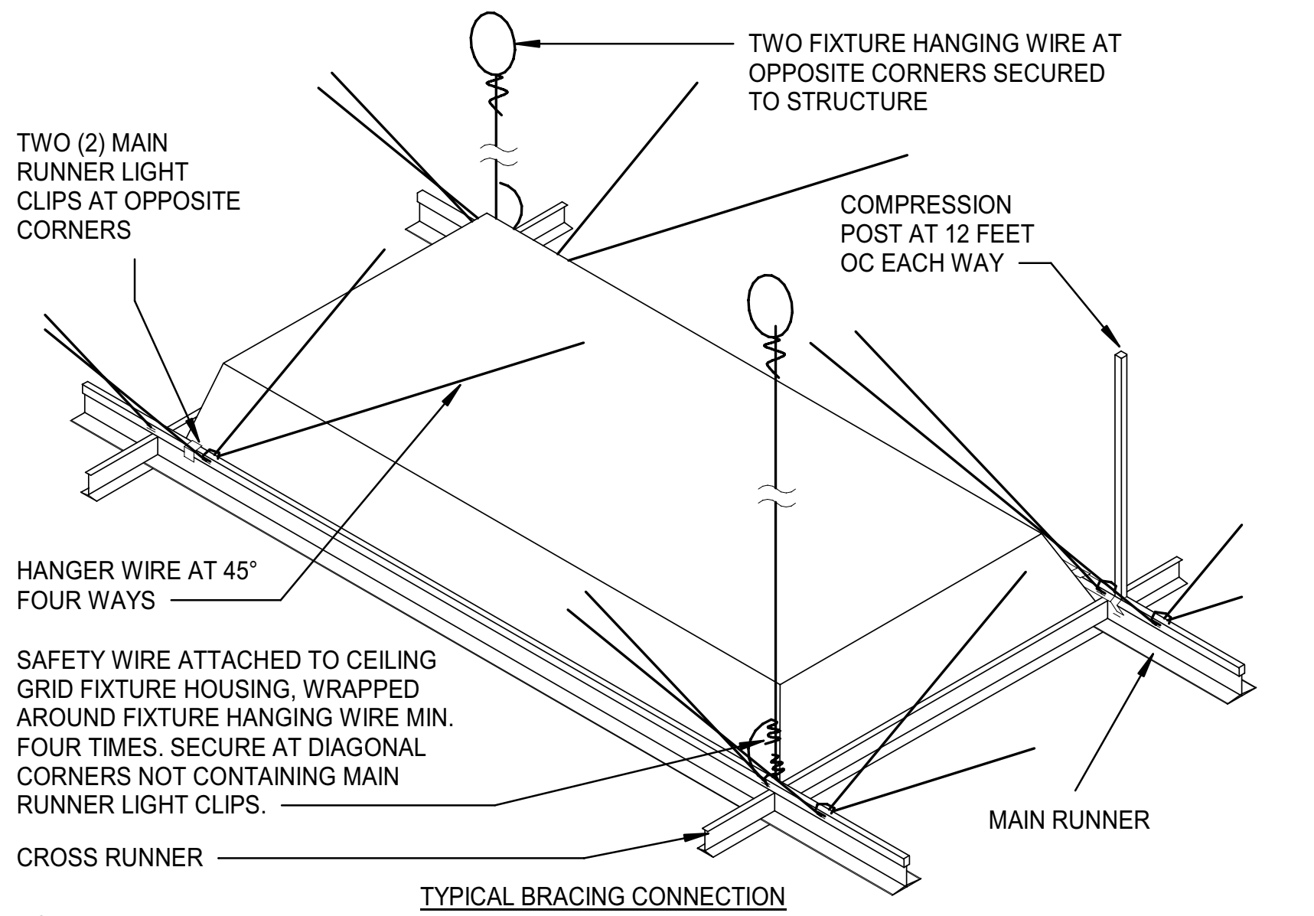


MAXIMUM RECOMMENDED LENGTHS FOR VERTICAL STRUTS

EMT CONDUIT	
1/2" EMT CONDUIT 3/4" EMT CONDUIT 1" EMT CONDUIT	UP TO 5'-10" UP TO 7'-8" UP TO 9'-9"
METAL STUD	
SINGLE 1 5/8" METAL STUD (20 GAUGE)	UP TO 12'
BACK TO BACK 1 5/8" METAL STUD (20 GAUGE)	UP TO 15'
SINGLE 2 1/2" METAL STUD (20 GAUGE)	UP TO 13'-6"
BACK TO BACK 2 1/2" METAL STUD (25 GAUGE)	UP TO 15'

D ACT-LATERAL FORCE BRACING

NOT TO SCALE

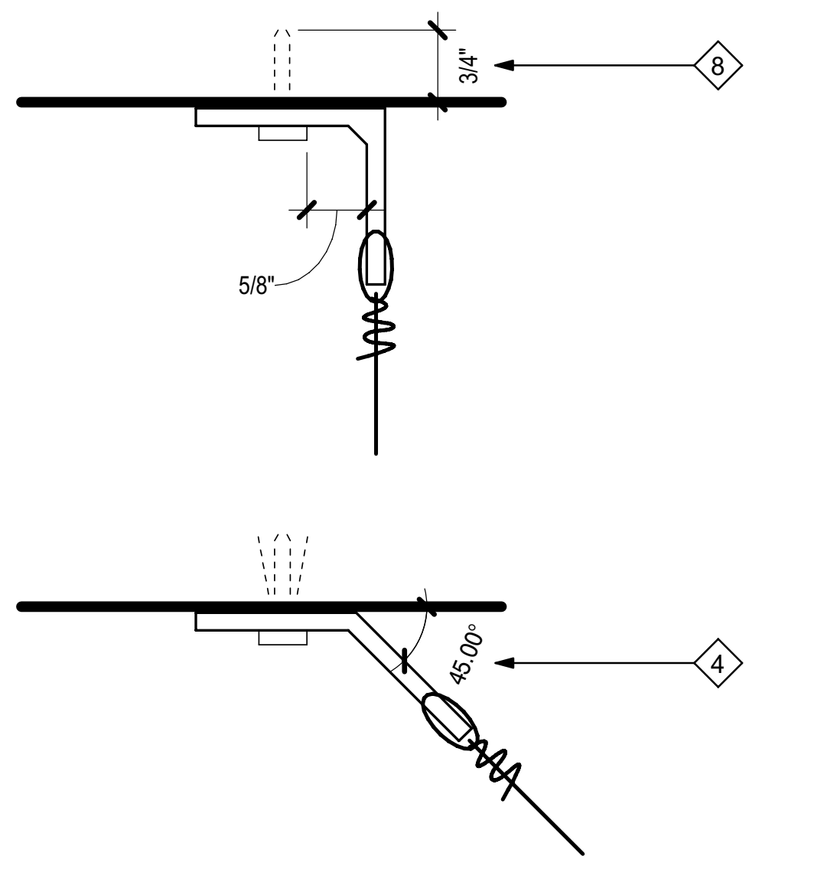

TWO FIXTURE HANGING WIRE AT OPPOSITE CORNERS SECURED TO STRUCTURE
TWO (2) MAIN RUNNER LIGHT CLIPS AT OPPOSITE CORNERS
COMPRESSION POST AT 12 FEET OC EACH WAY
HANGER WIRE AT 45° FOUR WAYS
SAFETY WIRE ATTACHED TO CEILING GRID FIXTURE HOUSING, WRAPPED AROUND FIXTURE HANGING WIRE MIN. FOUR TIMES. SECURE AT DIAGONAL CORNERS NOT CONTAINING MAIN RUNNER LIGHT CLIPS.
CROSS RUNNER
MAIN RUNNER

TYPICAL BRACING CONNECTION

NOTE:
REQUIREMENTS ARE FOR LIGHT FIXTURES WEIGHING 56LB OR LESS. LIGHT FIXTURES WEIGHING MORE THAN 56LB TO BE INDEPENDENTLY SUPPORTED FROM STRUCTURE.

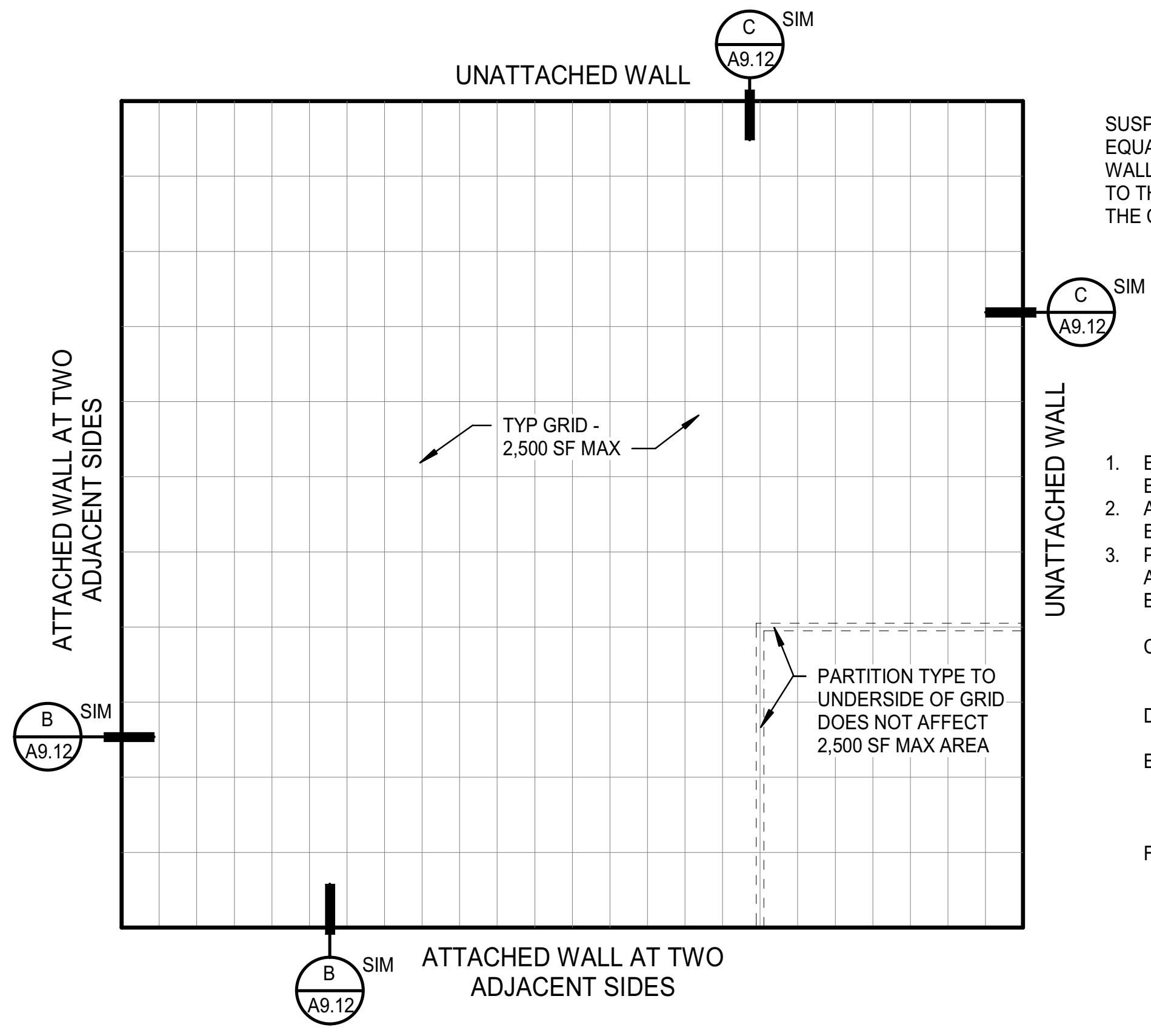
E ACT-LIGHT FIXTURE-ATTACHED

NOT TO SCALE



F ACT-WIRE ATTACHMENTS

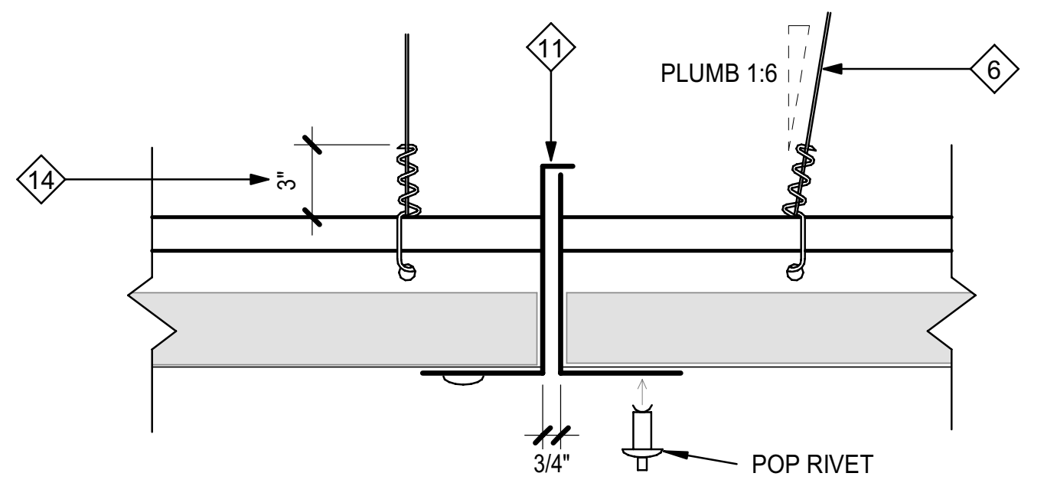
NOT TO SCALE


UNATTACHED WALL
C
A9.12
SIM
C
A9.12
SIM
UNATTACHED WALL
ATTACHED WALL AT TWO ADJACENT SIDES
B
A9.12
SIM
TYP GRID - 2,500 SF MAX
PARTITION TYPE TO UNDERSIDE OF GRID DOES NOT AFFECT 2,500 SF MAX AREA
ATTACHED WALL AT TWO ADJACENT SIDES
B
A9.12
SIM

SUSPENDED CEILINGS WITH AREAS LESS THAN OR EQUAL TO 144 SF THAT ARE SURROUNDED BY WALLS OR SOFFITS THAT ARE LATERALLY BRACED TO THE STRUCTURE ABOVE MAY BE ATTACHED TO THE CLOSURE STRIP AT ALL FOUR SIDES.

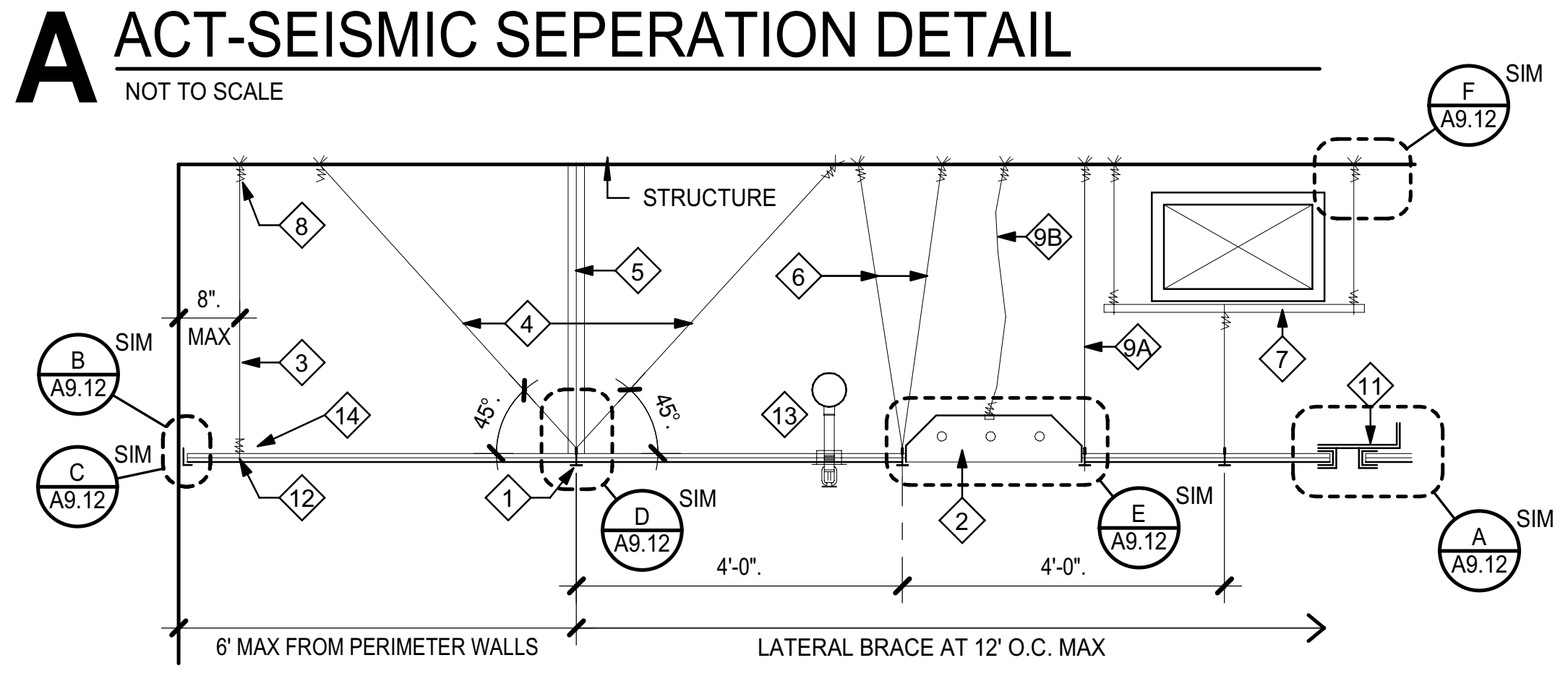
1. EXPANSION ANCHORS MUST COMPLY WITH ICC-ES ACCEPTANCE CRITERIA "AC193".
2. ADHESIVE ANCHORS MUST COMPLY WITH ICC-ES ACCEPTANCE CRITERIA "AC308".
3. POWER ACTUATED FASTENERS (PAF)
   A. MUST HAVE CURRENT ICC-ES REPORT.
   B. INTERIOR WALLS: INCREASE FACTOR OF SAFETY TO 2:1 (50% OF THE LISTED VALUE).
   C. REDUNDANCY REQUIRED. MINIMUM 3 PAFs INSTALLED IN ANY APPLICATION. MINIMUM SPACING SHALL BE PER PAF LISTING.
   D. ENGINEERING DESIGN CALCULATIONS MUST BE SUBMITTED.
   E. THIS ALTERNATE METHOD WILL BE REVIEWED IN CONJUNCTION WITH THE ADOPTION OF THE 2014 OREGON STRUCTURAL SPECIALTY CODE.
   F. CANNOT BE USED IN TENSION FOR LOADS EXCEEDING 90 LBS.

ACT - TYP SUSPENDED CEILING SYSTEM PLAN



A ACT-SEISMIC SEPERATION DETAIL

NOT TO SCALE



GRID SYSTEM REQUIREMENTS:

- INSTALL IN ACCORDANCE WITH NWCB TD 401 "SUSPENSION SYSTEMS FOR ACOUSTICAL LAY-IN CEILINGS SEISMIC DESIGN CATEGORIES D, E & F"
- GRID SYSTEM RATING: HEAVY DUTY.
- DESIGN REQUIREMENTS: CEILING MUST BE DESIGNED PER STATE OF OREGON STRUCTURAL SPECIALTY CODE FOR SEISMIC CATEGORIES D, E, & F, ASCE 7-10 CISCA RECOMMENDATION FOR SEISMIC ZONE 3 & 4.
- CEILING BRACING PER NWCB TECHNICAL DOCUMENT 401: SUSPENSION SYSTEMS FOR ACOUSTICAL LAY-IN CEILINGS.

INSTALLATION:

1 MAIN RUNNERS: 4 FEET O.C., SUPPORTED WITH NO. 12 GA. WIRES AT 4 FEET O.C. (OR NO. 10 GA. WIRES AT 5 FEET O.C.). HANGER ATTACHMENT TO BE DESIGNED TO SUPPORT NOT LESS THAN 200 POUNDS.

2 CROSS RUNNERS: RUNNERS SUPPORTED BY MAIN RUNNERS AND CAPABLE OF CARRYING DESIGN LOAD WITH DEFLECTION EQUAL TO 1/360 OF ITS SPAN OR LESS.

3 HANGER WIRE SYSTEM TO BEGIN WITHIN 8 INCHES OF PERIMETER WALL.

4 WHERE CEILINGS EXCEED 1000 SF, GRID LATERAL FORCE BRACING IS REQUIRED. GRID LATERAL FORCE BRACING AT 12'-0" OC EACH WAY: BEGIN WITHIN 6 FEET OF PERIMETER AND WITHIN 2 INCHES OF CROSS RUNNER INTERSECTION. PROVIDE FOUR (4) - NO. 12 GA. WIRES SECURED TO MAIN RUNNER AND SPLAYED 80 DEGREES FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM CEILING PLANE.

5 COMPRESSION STRUT AT EACH LATERAL GRID BRACING LOCATION. STRUT TO BE ADEQUATE TO RESIST VERTICAL FORCE COMPONENT INDUCED BY BRACING WIRES, SPACED 12 FEET ON CENTER IN BOTH DIRECTIONS. STRUT TO BE COMPATIBLE WITH SUSPENSION SYSTEM.

6 SYSTEM HANGERS MORE THAN 1:6 OUT OF PLUMB, PROVIDE COUNTER SLOPE HANGERS.

7 WHERE HANGER WIRES ARE NOT POSSIBLE DUE TO OBSTRUCTIONS, PROVIDE TRAPEZE OR EQUIVALENT DEVICE. TRAPEZE SUSPENSION FOR SPANS EXCEEDING 48 INCHES TO BE MINIMUM OF BACK-TO-BACK 1- 1/4 INCH COLD ROLLED CHANNELS.

8 HANGER WIRE ATTACHMENT TO CONCRETE, STEEL OR CONCRETE OVER METAL DECK MAY BE ATTACHED WITH THE FOLLOWING PAF HILTI X-U EMBED 3/4 " (ESR-2269) OR SIMPSON PDP EMBED 3/4 " (ESR-2138). ANCHOR LOAD HANGER WIRE SHALL NOT EXCEED 90 LBS. PAFs MAY NOT BE USED FOR ANY COMPONENT OF LATERAL FORCE BRACING DETAIL. FOLLOW MANUFACTURER'S DIRECTION FOR EMBEDMENT INTO STEEL.

9 LIGHT FIXTURE SUPPORT: DETAIL D.
   A. WITH SUSPENSION SYSTEM, NO. 12 GA. HANGERS TO BE ATTACHED TO GRID. MEMBERS WITHIN 3 INCHES OF EACH CORNER OF EACH FIXTURE - TANDEM FIXTURES MAY USE COMMON WIRES.
   B. LIGHT FIXTURES WEIGHING LESS THAN 56 LBS. REQUIRE (2)-NO. 12 GA. SLACK WIRES FROM FIXTURE HOUSING TO STRUCTURE ABOVE.
   C. LIGHT FIXTURES IN EXCESS OF 56 LBS. TO BE SUPPORTED DIRECTLY FROM STRUCTURE ABOVE, WIRES MUST BE TAUT.
   D. LIGHT FIXTURES TO BE POSITIVELY ATTACHED TO GRID SYSTEM. ATTACHMENT DEVICE TO CARRY 100 PERCENT OF LIGHT FIXTURE WEIGHT ACTING IN ANY DIRECTION.

10 INTERIOR PARTITION WALLS EXTENDING TO GRID ,THAT DO NOT ALIGN WITH 4-WAY BRACING OF GRID, AND ALL PARTITIONS GREATER THAN 6 FEET IN HEIGHT, MUST HAVE LATERAL WALL BRACING INDEPENDENT OF THE CEILING SPLAY SYSTEM PER DETAIL.

11 PROVIDE SEISMIC JOINTS WHERE CEILING AREA EXCEEDS 2,500 SQ. FT. OR PROVIDE FULL HEIGHT PARTITION. AREAS SHALL NOT EXCEED A RATIO OF THE LONG TO SHORT DIMENSION LESS THAN OR EQUAL TO FOUR. EACH AREA SHALL BE CAPABLE OF ALLOWING + OR - 3/4" IN AXIAL MOVEMENT. EACH AREA WITH SEISMIC SEPARATION JOINT, BULKHEAD OR FULL-HEIGHT PARTITION SHALL HAVE HORIZONTAL BRACING OR RESTRAINTS.

12 CLOSURE ANGLE AT PERIMETER OF EACH 2,500 SF SUSPENDED CEILING SYSTEM, (2) SIDES TO BE ATTACHED TO ADJACENT WALLS. (2) OPPOSITE ADJACENT SIDES TO BE UNATTACHED.

13 WHERE SPRINKLER HEADS AND OTHER PENETRATIONS OCCUR, PROVIDE 2 INCH OVERSIZED ESCUTCHEON OR ADAPTER TO ALLOW AT LEAST 1 INCH MOVEMENT IN ALL HORIZONTAL DIRECTIONS, OR PROVIDE STANDARD ESCUTCHEON AND PENETRATIONS WITH FLEXIBLE HEAD CONNECTIONS.

14 ALL WIRE TIES ARE TO BE THREE TURNS AROUND THEMSELVES WITHIN 3 INCHES.

ACT - SUSPENDED CEILING NOTES

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CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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6022
ASHLAND, OREGON

Project

MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

Consultant

Revisions

No.	Description	Date

Date	**04/01/24**
Job No.	**23_40**
Drawn By	**Author**
Checked By	**Checker**

100% CD

Date
04/01/24

Project Number
23_40

Drawing Title
INTERIOR DETAILS - CEILINGS

Sheet No
A9.12

GENERAL NOTES

GENERAL REQUIREMENTS:

1. Codes and Standards: all materials and work shall conform to the 2022 OSSC and 2021 International Building Code (IBC) and the ASCE7-22 Minimum Design Loads for Buildings and Other Structures.
2. Conflicts: notes and details on the drawings take precedence over the general notes and typical details in case of conflict.
3. Verification: verify all dimensions, elevations and site conditions before starting work. Notify the engineer of record of any discrepancies.
4. Substitutions: provide manufacturer's approved product evaluation reports, ICBO reports and a list of all proposed substitutions to the engineer for review and written approval before fabrication or use.
5. Similar Work: where construction details are not shown or noted for any part of the work, such details shall be the same as for similar work shown on the drawings.
6. Pipes, ducts, sleeves, chases, etc.: shall not be placed in slabs, beams, or walls unless specifically shown or noted nor shall any structural member be cut for pipes, ducts, etc., unless specifically shown. Obtain prior written approval for installation of any additional pipes, ducts, etc.
7. Excavations: locate and protect underground or concealed conduit, plumbing or other utilities where new work is being performed.
8. Construction loads: materials shall be evenly distributed if placed on framed floors or roofs. Loads shall not exceed the allowable loading for the supporting members and their connections.
9. Construction methods and project safety: the contract drawings and specifications represent the finished structure and do not indicate methods, procedures or sequence of construction. Take necessary precautions to maintain and insure the integrity of the structure during construction. Neither the owner nor architect/engineer will enforce safety measures or regulations. Contractor shall design, construct and maintain all safety devices, including shoring and bracing, and shall be solely responsible for conforming to all local, state and federal safety and health standards, laws and regulations.
10. Changes to the drawings: obtain prior written approval from the engineer of record.

DESIGN CRITERIA

1. Gravity Loads :
   - a. Dead Loads:
     Roof = 25 psf
     2nd Floor = 150 psf
     Ground Floors (slab on grade)
   - b. Live Loads:
     Roof Snow design load = 25 psf x (I=1.20) = 30 psf
     Ground Floor classrooms = 40 psf
     Ground Floor Corridors = 100 psf
     Lobbies/Assembly/Stair/Corridor Spaces = 100 psf
     Balcony/Bleacher = 120 psf
2. Wind Design Criteria: MWFRS
   - a. Ultimate Velocity = 102 mph (ASCE7-22)
   - b. Importance Factor = 1.25
   - c. Risk Category = III
   - d. Exposure category = B
   - e. Internal Pressure coefficient (GCpI) = +/-0.18 (enclosed)
   - f. Kzt = 1.0
   - g. Ke = 1.0
   - h. Kd = 0.85
   - i. Kz = 1.04
   - j. Gust Factor = 0.85
3. Seismic Design Criteria:
   - a. Importance factor = 1.5
   - b. Risk Catergory = IIII
   - c. Mapped spectral response coefficients: Sds=0.613g
   - d. Seismic design category = D
   - e. Basic seismic force resisting system = Special Reinforced Concrete Shear Walls.
   - f. Response Modification factor (R) = 5.0

FOUNDATION

1. Geotechnical Engineer is required to provide direction for footing subgrades and shall be at the expense of the owner. The recommendations include but are not limited to the bearing strata, structural fill and compaction and drainage.
2. Footing subgrades shall be prepared per Geotech. Footings and slabs shall bear on approved native soil or on approved compacted structural fill per Geotech. Remove all loose fill and expansive clay.
3. Soil Pressures:
   Soil bearing structural fill and native materials = 2000 psf
   Coefficient of friction..........0.40
   Passive pressure = 350 pcf
   Active pressure non-restrained = 40 pcf
4. Compaction reports shall be sent to the Architect and Engineer.
5. Roof and area drainage: shall be directed away from the foundations.
6. Backfill: backfill for walls shall be pervious, granular, free-draining material directly behind wall and as outlined in soils report. Do not place backfill behind walls before they have attained their design strength. Shore and protect walls from lateral loads until the supporting members are in place and have developed specified strengths.
7. Center footing on walls or column unless otherwise noted on the drawings.
8. Foundation drains adjacent to retaining walls shall be installed to drain to daylight or tie into storm drains as permitted.
9. Do not excavate closer than 2:1 slope below footing excavations.
10. Clean all footing excavations of loose material by hand. Remove all wet and soft soil form footing excavations prior to placing concrete.

REINFORCED CONCRETE

(PROVIDE MIX DESIGNS TO E.O.R. FOR APPROVAL)

1. Materials:
   Cement: ASTM C-150 type [II]
   Aggregate: ASTM C-33 [standard weight]
   Reinforcement: ASTM A-615 grade [60] typical
   Anchor bolts: ASTM A-36 hooked anchor bolts
   Washers: 3" square plate washer with standard nut
   Anchor bolts: ASTM A-307 headed machine bolts
2. Average concrete strength to be as indicated below and determined by job cast, lab cured cylinder at 28 days plus increase depending on plant's standard deviation as specified in ACI 318. Provide mix designs to engineer for review prior to placing any concrete. CLEARLY LABEL ALL MIX DESIGNS AS TO PROPOSED AREA OF USE. Supplier to label all mix designs with and identification number. Mix number should be referenced in all subsequent concrete test reports.

Location	Compressive strength (psi)	Slump (a)	Notes
Footings	3000	3-4"	(b), (d)
Slabs on grade (interior)	3500	2-4"	(b), (d)
Slabs on grade (exterior)	4000	2-4"	(b), (c), (d)
Foundation Walls	3000	5.5"-6.5"	(b), (d)

   - a. Slump exceeding specified limit shall not be placed, except with written approval from engineer. Slump shown is the max allowed prior to the addition of water reducing or plasticizing agents.
   - b. WRA = water reducing admixture.
   - c. AE = air entrainment.
   - d. Provide an accelerator in all concrete placed below 50 degrees.
3. Use type I cement per ASTM C-150. Water cement ratio shall be 0.46 maximum for all slabs on grade, walls and precast columns. W/C ratio shall be 0.5 maximum for all other concrete. Fly ash meeting ASTM C618 may be substituted for up to 15% of the cement content in all mixes.
4. Water reducing agents shall comply with ASTM C-494.
5. Air entrainment shall comply with ASTM C-260. Provide 3-5% when specified.
6. Accelerators: dosage to be determined by contractor.
7. Calcium chloride shall not be used in any concrete, for any purpose on the project.

Quality Control:

- A. Compression tests: contractor shall, at the contractors expense, have test cylinders made in accordance with ASTM C-31, latest edition. Four test cylinders shall be made for each strength of concrete placed on any one day and at least four test cylinders for each 100 cubic yards. All test cylinders shall be laboratory cured. Each group of four cylinders, two shall be broken at 7 days and two at 28 dsys, except the contractor may at his option break one of the two test cylinders at 42 days instead.
- B. Slump tests: the contractor shall at the contractors expense have 1 slump test taken per each of the four cylinders. Measure slump in accordance with ASTM C-143 latest edition. If a super plasticizer water reducing agent is used, no slump tests are required.
- C. A copy of the compression and slump test results shall be sent to the engineer of record.
- D. Pipes, sleeves and ducts: not to be placed in walls, beams, slabs, footings or columns unless specifically detailed.
- E. Chamfer: [3/4] inch on exposed corners.
- F. Concrete design mix shall be reviewed by the engineer. Calcium chloride or added chlorides are not permitted.
- G. Construction joints: ACI 117.9 & 6.4, quarter inch amplitude minimum or keyed joints per plan. Location of joints to be reviewed by the engineer. Wait 48 hours between pours.
- H. Slab on Grade joints: location of all construction, control and weakened plane joints not specifically indicated on the drawings shall be reviewed by the engineer prior to the placing of reinforcement. Maximum spacing of joints shall be 15 feet on center. Install within 12 hours of concrete placement.
- I. Actual dimensions: slab, wall, beam and column dimensions shown are actual dimensions not nominal dimensions (i.e. 4" slab is 4" thick, not 3 ½" thick)
- J. Concrete curing: ACI 318
- K. Vibration: all concrete 12" and deeper shall be consolidated with mechanical vibrators.
- L. The contractor shall provide and install all cast in insterts as required fo a complet job.
- M. Non shrink grout shall be non-metallic, non-shrink grout conforming to requirements of ASTM C-1107, type B or C, with an ASTM C-109 compressive strength of 5000 psi at 7 days. Acceptable products are Masterflow 928 and Five Star Grout or approved equal.
- N. Concrete Placement and curing:
- a) Concrete placement shall be performed in conformance with ACI 301. Cure concrete with water for atleast 14 days. All other curing methods shall be submitted to the engineer for approval. All methods are the responsibility of the general contractor. The contractor agrees to replace improperly placed and cured concrete.
  - b) Contractor shall protect concrete against hot and cold weather.
  - c) In cold weather, concrete shall be maintained above 50 degrees F for a minimum of 7 days after placement.
  - d) In hot weather above 85 degrees, concrete shall be kept moisture cured by keeping continuously wet.

REINFORCEMENT

1. Detailing, fabrication and placing: shall conform to ACI 315 and ACI 318.
2. Minimum concrete cover:
   - A. Cast against and exposed to earth = 3"
   - B. Exposed to earth or weather = 2"
   - C. Not exposed to weather or in contact with ground:
     Slabs, walls, joists = 3/4"
     Beams, columns (ties, stirrups, spirals) = 1 1/2"
3. Chairs, spacers and sand plates: as required to maintain concrete cover.
4. All welded wire mesh shall be furnished in flat sheets supported on bolsters and conform to ASTM A-185.
5. Provide corner bars same size and spacing as horizontal bars and project laps per rebar schedule.
6. Provide (2) #5 bars around all openings and recesses. Extend these bars 24" beyond the corner of the openings.
7. Vertical Reinforcement: shall be doweled to supporting members with the same size and spacing of reinforcement as shown in the drawings and general notes.
8. Spacing: clear distance between parallel reinforcement in a layer shall not be less than 1 1/2 times the nominal diameter of the reinforcement, or 1 1/3 times maximum size aggregate, nor less than 1 1/2".
9. Tack welding, welding, heating or cutting of bars: not permitted (U.N.O.)
10. Slab corners: provide two #4 X 4'-0" at re-entrant corners and each corner of rectangular holes in slabs. Place bars diagonally.
11. Splices (standard laps): 40 diameters or 24 inches whichever is greater unless noted on plans. Stagger bottom splices at least 5'-0" from splices in other bottom reinforcement. Stagger splices for top reinforcement similarly.
12. Anchor bolts, dowels and hold down anchors: securely held in place prior to foundation inspection by the building official and obervations by the engineer.
13. All wall reinforcement to be placed in middle of wall unless otherwise noted or detailed in the plans.
14. Provide shop drawings of all reinforced concrete items to Architect of record for review prior to construction of these items.
15. Where welding of reinforcing is specified, bars shall conform to ASTM 706. Do not weld reinforcing unless specified by the design.

WOOD STRUCTURAL PANEL(S) - APA RATED

1. References: PS1, PS2, APA standard PRP-108, national evaluation service report NER-108 and ICBO report 1952.
2. Wall panels: [OSB] C-D ext glue, 7/16" identification 24/16.
3. Roof panels: Plywood C-D ext glue, 5/8" identification 40/20.
4. Floor panels: Plywood C-D ext glue, 3/4" T&G identification 48/24.
5. Blocking:
   - A. Walls: all unsupported panel joints shall be blocked solid with 2x blocking.
   - B. Floors & Roofs: where noted on the drawings, all unsupported panel joints shall be blocked solid with 2x4 flat blocking.
6. Nailing: common wire nails. Panel nails shall be driven so that the heads are flush with the surface of the panel. Field nailing (FN) shall be 12" on center and the minimum panel edge distances shall be maintained.
7. Machine nailing: subject to a satisfactory job site demonstration for this project and review by the engineer. The use of machine nailing is subject to continued satisfactory performance. Panel nails shall be driven so that the heads are flush with the surface of the panel and the minimum panel edge distance are maintained.
8. Glued floors: field glue to all supports and T & G edges per APA, AFG-01. Framing shall be free of surface moisture & debris prior to gluing.

DRILLED ANCHORS (SPECIAL INSPECTION REQUIRED)

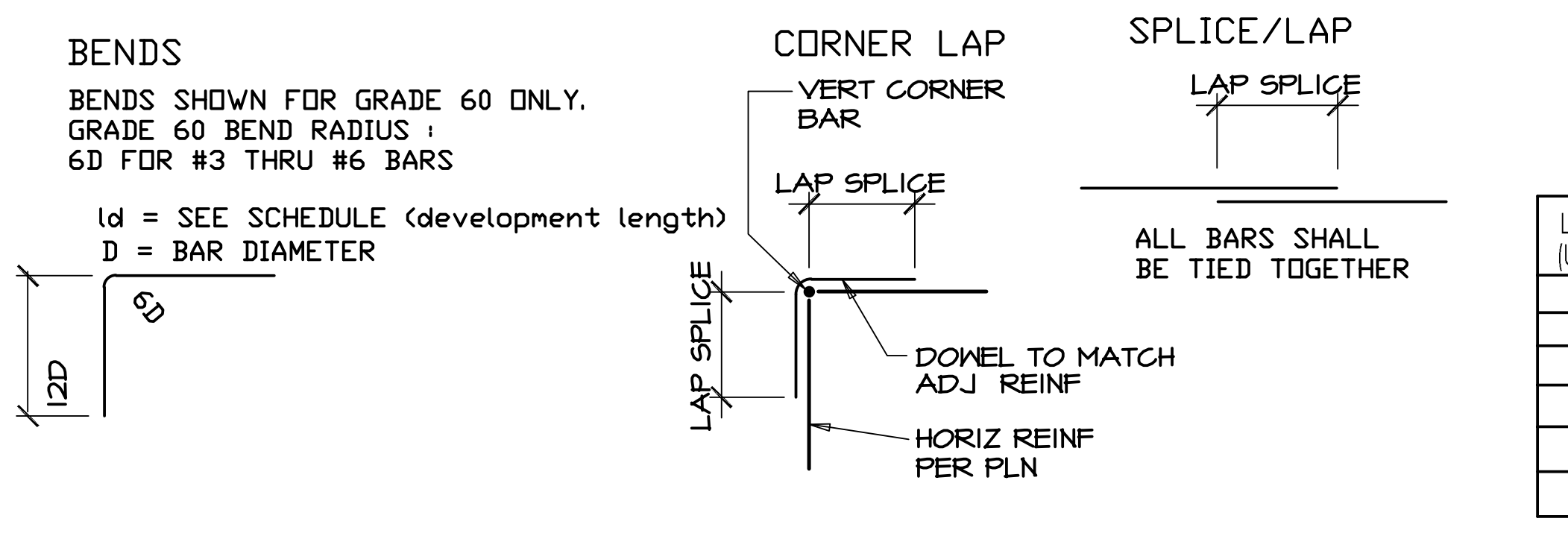
1. Install in strict accordance with ICBO report and manufacturer's instructions, including hole clean out procedures, drill bit diameters, embedment, minimum spacing and edge distance to obtain maximum capacity.
2. Contact engineer to relocate if existing cracks or reinforcing is encountered where anchor is to be placed.
3. Epoxy adhesive anchors: Rawl or Simpson or equal.

FIBER REINFORCED POLYMER (FRP):

1. Install in strict accordance with ICC/ESR reports and manufacturer's specifications.
2. FRP is to be installed to existing partially grouted/reinforced concrete masonry unit walls.
3. In plane shear loads are per plan. Out of plane loads are not in the scope of work.
4. FRP engineering is to be included by third party engineer. Stamped construction/installation documents, FRP design and calculation shall be submitted by FRP engineer.
5. Top of CMU wall to 2nd floor concrete diaphragm are to be included in FRP design.
6. Base of CMU wall to concrete stemwall/footing are to be included in FRP design.
7. Overturning forces are to be considered in FRP design with boundary elements reinforced with FRP as required.
8. FRP holdowns are to be designed and engineered by FRP engineer.

GROUTED MICROPILES:

1. Pile type shall be as recommended by the Geotechnical Engineer of Record.
2. Piles shall have adequate tension capacity to resist working load forces indicated on plans.
3. Pull test is required by installer with results sent to Architect and EOR.
4. Submit shop drawings with ICC-ESR reports and product submittal for pile caps, shafts, couplers and grout.
5. Installation reports shall be submitted to Architect and EOR.
6. Pile layout plan shall be prepared by the installer and submitted for approval showing spacing, quantities, types and pier cap elevations relative to bottom of grade beam footings.



LAP SPLICE SCHED (U.N.O. ON PLAN)	3,000/4,000 PSI CONC	CONC MASONRY UNITS
Bars	LAP (UON)	LAP (UON)
#3	24	19"
#4	24	25"
#5	27	31"
#6	33	57"
#7	57	79"

1 REBAR SCHEDULE

Scale: NTS

WOOD

1. Grade stamped Douglas Fir-Larch No.2 unless otherwise noted on the plans (see lumber grades in schedules).
2. Laminated Veneer Lumber: Beams to be built in accordance with "Standard Specifications" for members of the American Institute of "Timber Construction".
3. Nails: common wire unless otherwise noted. Edge or end distances in the direction of stress shall not be less than one half of the required penetration. The center to center spacing of nails in the direction of stress shall not be less than the required penetration. Holes for nails, where necessary to prevent splitting, shall be bored to a diameter smaller than that of the nail.
4. Anchor bolts (foundation anchor bolts): provide 5/8" diameter anchor or machine bolts with a minimum of 7 inch embedment into the concrete within 12 inches of each end of each plate. Space anchors at 48 inches on center u.o.n. Anchors shall be located a maximum of 2 inches from the face of stud receiving wood structural panels. Anchor bolt holes shall be 1/32" to 1/16" inch larger than the anchor bolt diameter. Holes more than 1/16" larger than the anchor bolt shall be epoxy filled under the continuous supervision of a licensed special inspector per specifications.
5. Bolts: not less than 7 bolt diameters from the end and 4 diameters from the edge of the member. Bolt holes shall be 1/32" to 1/16" larger than the bolt diameter. All nuts shall be tightened when installed and re-tightened at the completion of work or before closing in. Thread projection shall be $\frac{1}{16}$" minimum beyond the nut. Bolts in specified slotted holes shall be centered in the slot, u.n.o.
6. Lag screw clearance and lead holes shall be bored as follows: the clearance hole for the shank shall have the same diameter as the shank, and the same depth of penetration as the length of unthreaded shank. The lead hole for the threaded portion shall have a diameter equal to 50-75% of the shank diameter and a length equal to at least the length of the threaded portion.
7. Steel plate washers (pw): anchor bolts, bolts, lags and nuts, shall have steel plate washers.
8. Framing connectors: per manufacturer's approved product evaluation reports, ICBO approved and installed accordingly. Size and number of nails to be maximum specified by the manufacturer, u.n.o.
9. Nailed/Screwed hold down anchors: install per manufacturer's approved ICBO product evaluation report. Install hold downs 1/2" minimum above the plate to allow for tightening of anchor bolt. The hold down shall be installed tight to the hold down post without fillers or dapping. Do not bend hold down anchors.
10. Bolted hold down anchors: install per manufacturer's approved ICBO product evaluation reports. Install hold downs 1/2" minimum above the plate to allow for tightening anchor bolt. Tighten hold down anchor before tightening post bolts. Use extra care in boring the post bolt holes (1/32 to 1/16 inch larger than the bolt diameter). The hold down shall be installed tight to the hold down post without fillers or dapping. The post bolts shall not be countersunk into the hold down post u.n.o. Do not bend hold down anchors.
11. Preservative treated wood: wood exposed to the weather; foundation plates on concrete slabs and foundations which are in direct contact with earth shall be treated.
12. Top plates: two pieces, same size as studs, stagger splices 4'-0" minimum. Center splices over studs. Splice with 16d minimum u.n.o.
13. Full depth solid blocking or cross bracing: installed at intervals not exceeding 8 feet for all joists and rafters 2x12 and deeper.
14. Solid blocking: two inch full width blocking (fire stops) in concealed spaces of stud walls and partitions.
15. Cutting and notching: do not cut, bore, countersink or notch wood members except where shown in the details. Holes through plates, studs and double plates in walls shall not exceed 40% of the member width and located in the center of the member.
16. Partitions: double joists under partitions parallel to joists and provide solid blocking under partitions perpendicular to joists.
17. End support: roof and floor joists over 4 inches deep shall have their ends held in position with either:
    - a. full depth solid blocking
    - b. nailed bridging
    - c. nailing or bolting to other framing members; or
    - d. approved joist hangers
18. Galvanizing: all exposed steel timber hardware, fasteners and connectors.

STEEL FORM DECK

1. Steel form deck to be a prior-approved product and manufacturer with the minimum section and material properties as indicated on the drawings. Deck gauge and profile to be as indicated on drawings.
2. Minimum deck welding and seam attachment to be as indicated on drawings.
3. Place all slab reinforcement 3/4" clear to top of slab at supports. Allow reinforcement to drape between supports. Minimum reinforcement to be #3 at 18" O.C. each way unless otherwise indicated on drawings.
4. Contractors shall submit written submittal with proposed deck profile, gauge, and manufacturer, including current ICC reports, to Engineer of record for approval.

SPECIAL INSPECTION AND TESTING SCHEDULE
(SEE ALSO SPECIAL INSPECTION AGREEMENT/SCHEDULE)

1. Concrete - By Testing Agency
   [ ] Cont placement inspect
   [ ] Exceptions _______ __
   [X] __4__ Cylinders per __100__ CY
   Test: __1__ @ 7, __2__ @ 28, __1__ Hold
   [X] Slump: 1 per 100 CY without plasticizer
2. Reinforcing steel -By Testing Agency
   [X] Placement inspection prior to concrete delivery
3. Masonry f'm = __1500PSI__, Stresses _
   special inspection required for:
   Verification of f'm:
   Level 2 inspection per OSSC table 1704.5.3
4. Grading, excavation, filling by Geotech
   [X] Periodic inspection
   [X] Subgrade tests
   [X] Compaction tests
   [X] Verify bearing strata
5. Epoxy/Post installed Anchors - By Testing Agency
   Continuous inspection
6. Structural Welding/fabrication - By Testing Agency
   Periodic Visual Inspection:
   [X] Single pass fillet welds
   [X] Material verification and mill cert.
   [X] Fabricator qualifications
   [X] Submit shop drawings
7. Grouted Micropiles - By Testing Agency
   Installation reports, pull test required

STRUCTURAL STEEL (powder coat, prime, galv and/or protect from moisture)

1. Fabricate, detail and erect in accordance with the following:
   - A. 1989 AISC "Specifications for Structural Steel Buildings".
   - B. 1986 AISC "Code of Standard Practice for Steel Buildings and Bridges".
   - C. AWS D1.1 Structural Welding Code - Steel.
2. Materials Properties: Unless noted otherwise on plans
   - A. Structural steel shapes: ASTM 992 or ASTM A572 Grade 50
   - B. Structural steel tubing: ASTM A500, Grade B
   - C. Structural steel pipe: ASTM A501 or A53, Grade B
   - D. Plate and bar stock: ASTM A38
   - E. Welding electrodes:
     SMAW: E70XX low hydrogen
     FCAW: E7XT-X with Charpy V-notch impact 20 ft-lbs @ 0 degrees F or better.
3. Bolts:
   - A. Bolts designated as High Strength shall be as follows: up to 1" diameter ASTMA449; Fu=120ksi. 1 1/4" diameter ASTM F1554 Grd 105; Fu=125 ksi.
   - B. All other bolts not designated as high strength or specified to be machine bolts (MB) shall be ASTM A307, Grade A or ASTM F1554 Grd 36; Fu=58 ksi. Galvanize all exterior bolts in accordance with ASTM A53.
   - C. Locknuts shall be IFI 100, grade B prevailing-torque type and installed with all machine bolts.
   - D. Plain hardened washers shall be ASTM F436.
4. Welds:
   - A. Minimum fillet weld size as shown on plans.
   - B. End return fillet welds 2X nominal weld size wherever practical, unless noted otherwise.
5. Provide shop drawings of all structural steel items to Engineer of Record prior to fabrication.
6. Coating:
   - A. Mask 3/4" clear of field welds where shop coating is required. Do not paint or coat welds until quality control inspections are performed.
   - B. After fabrication, but before installation, remove rust scale, grease and oil by wire brushing and chemical treatment.
   - C. Shop prime steel with rust inhibiting primer except as follows:
     a) Steel work encased in concrete or grouted masonry.
     b) Contact surfaces beneath steel connected with high strength bolts.
     c) Within 3/4" of field weldments. Coat after quality control inspections are completed.
     d) Concealed interior steel not subject to moisture or high humidity.
     e) Exposed exterior steel subject to moisture or high humidity, which shall be galvanized per ASTM A123 with 1.25 oz. of zinc spelter per square feet of surface area.

REINFORCED HOLLOW UNIT MASONRY (special inspection required)

1. Materials:
   - A. Concrete Block - ASTM C-90, type N, medium weight (105-125pcf), open end, deep cut bond beams at horizontal reinforcing, dry units and yard cured 28 days. [f'm=1,900 psi]
   - B. Mortar - ASTM C-270, articles 2.1 & 2.6A of TMS 602/ACI 530.1/ASCE 6, Type M or S. Below grade mortar shall be type M
   - C. Grout - Minimum 28 day strength shall be 2,000 psi with 8"-11" slump. Shall comply with Article 2.2 of TMS 602/ACI 530.1/ASCE 6.
   - D. Reinforcement - ASTM A-615 grade 60 typical.
   - E. Anchor bolts - ASTM A-36 hooked anchor bolts.
   - F. Anchor bolts: ASTM A-307 headed machine bolts.
2. Specified Compressive Strength:
   - A. f'm = 1500 psi unless noted otherwise. All constituents, including mortar, grout and units shall possess requirements to achieve f'm = 1500 psi.
3. Block Layup: running bond, concave compressed joints and inverted bond beam units for starting courses.
4. Reinforcement:
   - A. Vertical: center reinforcement in the wall unless specifically detailed otherwise. Vertical support spacers at 200 reinforcement diameters maximum. Dowel reinforcement to supporting members with same size and spacing of reinforcement as shown on the drawings.
   - B. Splice laps: 40 bar diameters or 24 inches, whichever is greater.
5. Grouting: PROVIDE MIX DESIGN TO ENGINEER OF RECORD
   - A. All cells and spaces filled with grout, solid grouted.
   - B. Consolidated at time of placement by mechanical vibration.
   - C. Pours over 5 feet: provide cleanouts in bottom course at reinforcement, 32" on center maximum spacing.
   - D. Horizontal construction joints: formed by stopping the grout pour 1 1/2" below the top of a mortar joint and a minimum of 1/2" below the top of bond beams.
   - E. Lifts less than 6 feet shall be placed in a continuous pour.
6. Reinforcing congestion: double open end blocks or u-blocks to be used to facilitate construction.
7. Wood to masonry attachment: where wood abuts masonry, anchor with 5/8" anchor bolts 12 inches from each end and 48 inches o.c.
8. Reinforcing steel shall be rail steel deformed bars conforming to ASTM A-615, Grade 60 typical.
9. Provide knockout bond beam block for all horizontal bond beams and at the tops of each wall, at all ledger bolt lines, and below all joist seats. Reinforce with two #4 horizontal unless noted otherwise.
10. Rake walls shall be topped with bond beams and shall be reinforced with two #4 continuous horizontal top bars U.N.O.
11. Provide corner bars same size and spacing as horizontal bars and project 40 bar diameters each way.
12. Provide (2) #5 bars around all openings and recesses. Extend these bars 24" horizontally beyond the corner of openings, and vertically to top of wall.
13. Masonry columns and pilasters shall be reinforced with #6 vertical at each corner and #3 horizontal ties at 8" o.c. unless shown otherwise on the plans.

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APPROVED
Sam Barnum
05/03/24

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STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
19152PE
OREGON
JULY 15, 1997
BARBARA L. CIOTA
EXPIRES 12/31/25

Project

MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

Consultant

CIOTA ENGINEERING
156 CLEAR CREEK DR SUITE 101
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541 552-0290

Revisions

No.	Description	Date

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Job No.	23-078
Drawn By	CDH
Checked By	BC

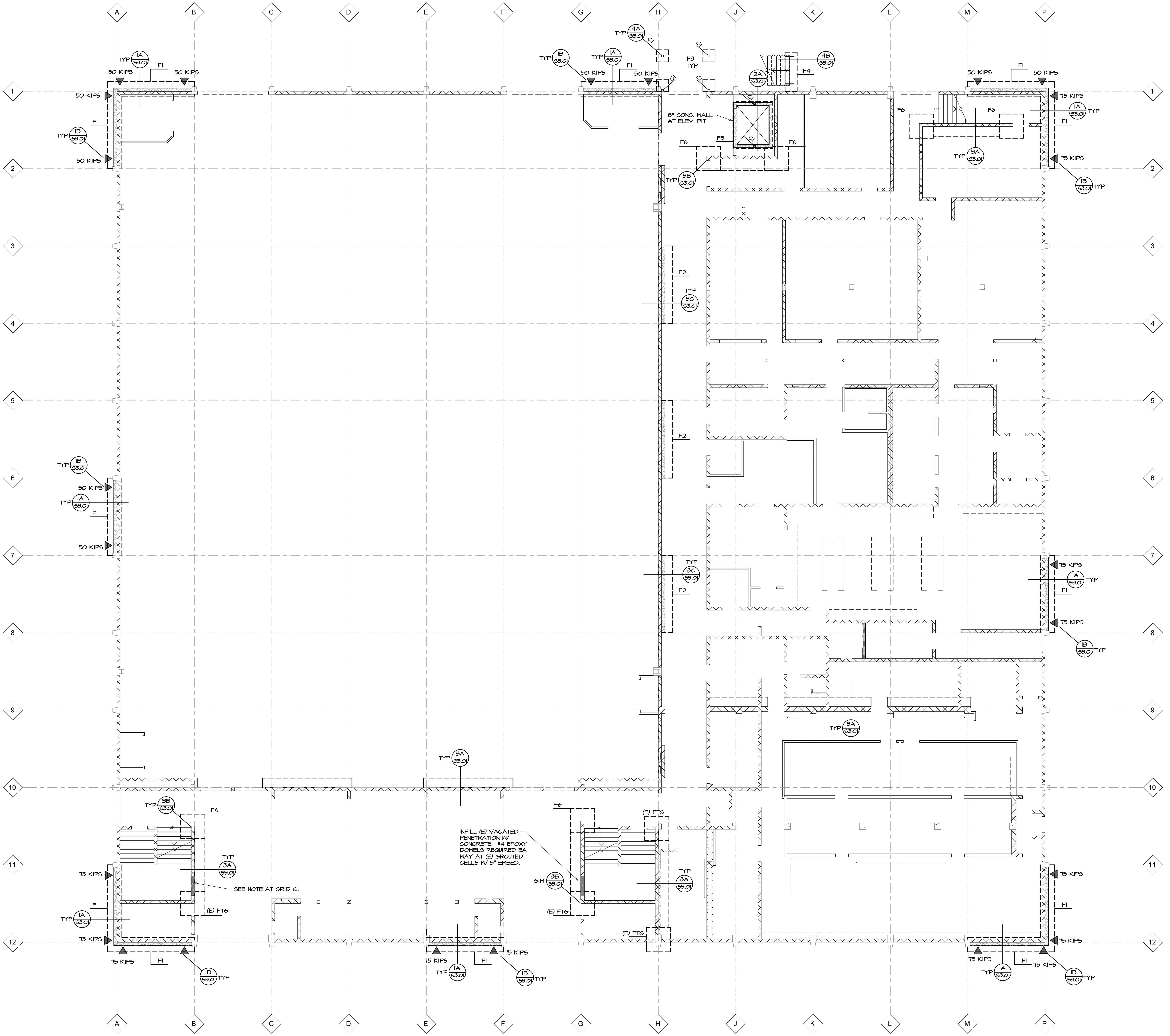
100% CD

Date
4/1/24

Project Number
23-078

Drawing Title
GENERAL NOTE SPECIFICATIONS

Sheet No
S1.01



FOUNDATION PLAN

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

FOOTING SCHEDULE

DO NOT SCALE FOOTINGS

TYPE	SIZE	REINFORCEMENT
F1	30" W x 24" D CONT. GRADE BEAM	(4) #7 TOP & BTM
F2	2'-0" W x 12" D CONT. STRIP FTG.	(2) #5 CONT. HORIZ.
F3	2'-6" SQ x 12" D SPREAD FOOTING	(4) #4 E.W.
F4	2'-0" W x 12" D x 8'-0" L FOOTING	(2) #5 CONT. HORIZ.
F5	10" DEEP MAT FOUNDATION (ELEV. PIT)	#5 @ 12" OC E.W.
F6	4'-0" SQ x 12" D SPREAD FOOTING	(4) #5 E.W.

COLUMN SCHEDULE

MK	SIZE	REMARKS
C1	HSS 5 x 5 x 1/4"	46 KSI, GRD B, A500 (PRIME)

▼ INDICATES GROUTED MICROPILES: SHAFT TYPE AND DEPTH SHALL BE AS DIRECTED BY GEOTECHNICAL ENGINEER. PILE REQUIRED TO RESIST TENSION LOADS LISTED. PULL TEST REQUIRED. PILE CAP SHALL BE MINIMUM 7" SQUARE x 1/2" W/ WELDED OR BOLTED SHAFT SLEEVE. SEE SHEET S1.01 FOR ADDITIONAL INFORMATION.

NOTE:
EXISTING REBAR IS NOT TO BE CUT, COMPROMISED OR INTERRUPTED IN ANY WAY. ALL EPOXY DOWELS & TITEN HD ANCHORS SHALL BE LOCATED ACCORDINGLY W/ REBAR LOCATOR. CONTRACTOR TO VERIFY.

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23-078

Drawing Title
FOUNDATION PLAN

Sheet No
S2.01

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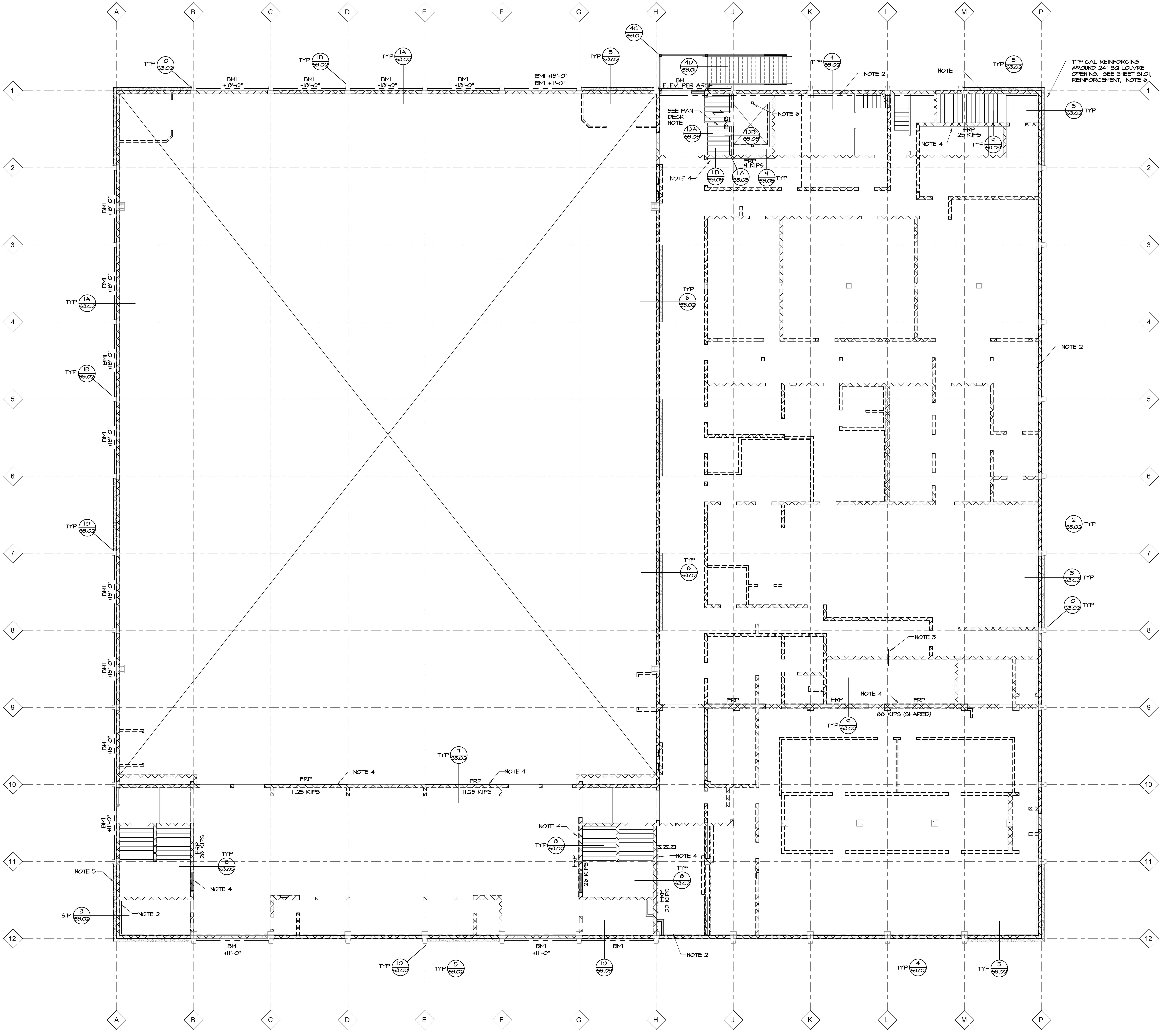

2ND FLOOR PLAN

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

N

SHEET NOTES:

NOTES ARE TYPICAL FOR ALL CONDITIONS

1. OMIT STEEL ANGLE THIS LOCATION AT STAIR. INSTALL 3/4" EPOXY DOWELS INTO SIDE OF CONCRETE STAIR SIMILAR TO 5/S3.02.
2. NEW CONTINUOUS L6x6x3/8" ANGLE W/ 3/4"x6" TITEN HD ANCHORS @ 48" OC TO EXISTING CMU BOND BEAM AND CONCRETE FLOOR BEAM. OCCURS AT GRID P, GRID 1/P-H, GRID 12 & GRID A/10-12. SEE DETAILS.
3. OUT OF PLANE TOP OF WALL ANCHORS AT INTERIOR CMU PARTITION WALLS. (FUTURE)
4. LOADS LISTED ARE IN-PLANE SHEAR DEMAND LOADS FOR FRP ENGINEER. SEE SHEET S1.01 FRP NOTES FOR REQUIREMENTS.
5. INSTALL 3/4" EPOXY DOWELS INTO SIDE OF CONCRETE SLAB SIMILAR TO 5/S3.02.
6. ELEVATOR RAIL COLUMNS REQUIRE LATERAL SUPPORT AT FLOOR LEVEL. DETAILS TBD.

NOTE:
EXISTING REBAR IS NOT TO BE CUT, COMPROMISED OR INTERRUPTED IN ANY WAY. ALL EPOXY DOWELS & TITEN HD ANCHORS SHALL BE LOCATED ACCORDINGLY W/ REBAR LOCATOR. CONTRACTOR TO VERIFY.

CONCRETE PAN DECK NOTE:
- 1 1/2" TYPE B 18 GA PAN DECK.
- 5" TOTAL CONCRETE THICKNESS W/ 6x6-W1.4 x W1.4 WWM.
- 5/8" ARC WELDS ALL LOW FLUTES, 12" OC PARALLEL SIDE.
- SEEM WELD OR PUNCH LOCK PANEL TO PANEL.

BEAM SCHEDULE

MK	SIZE	REMARKS
BM1	HSS 6 x 6 x 1/4"	Fy = 46 KSI
BM2	W 12 x 26 (HOIST)	Fy = 50 KSI
BM3	W 8 x 21	Fy = 50 KSI

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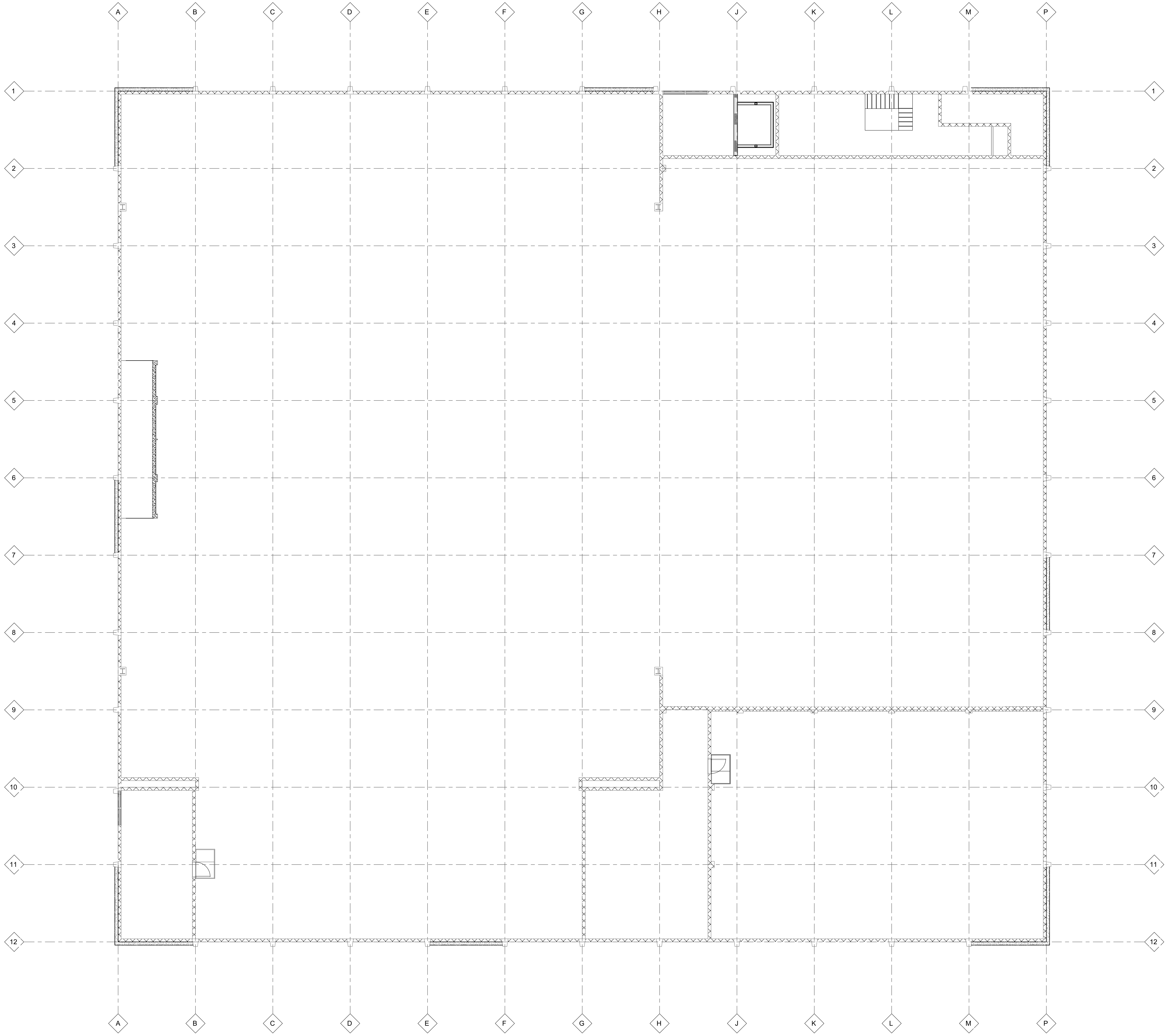
Drawing Title
2ND FLOOR PLAN

Sheet No
S2.02



3RD FLOOR PLAN

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

N

NOTE:
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3RD FLOOR PLAN

Sheet No
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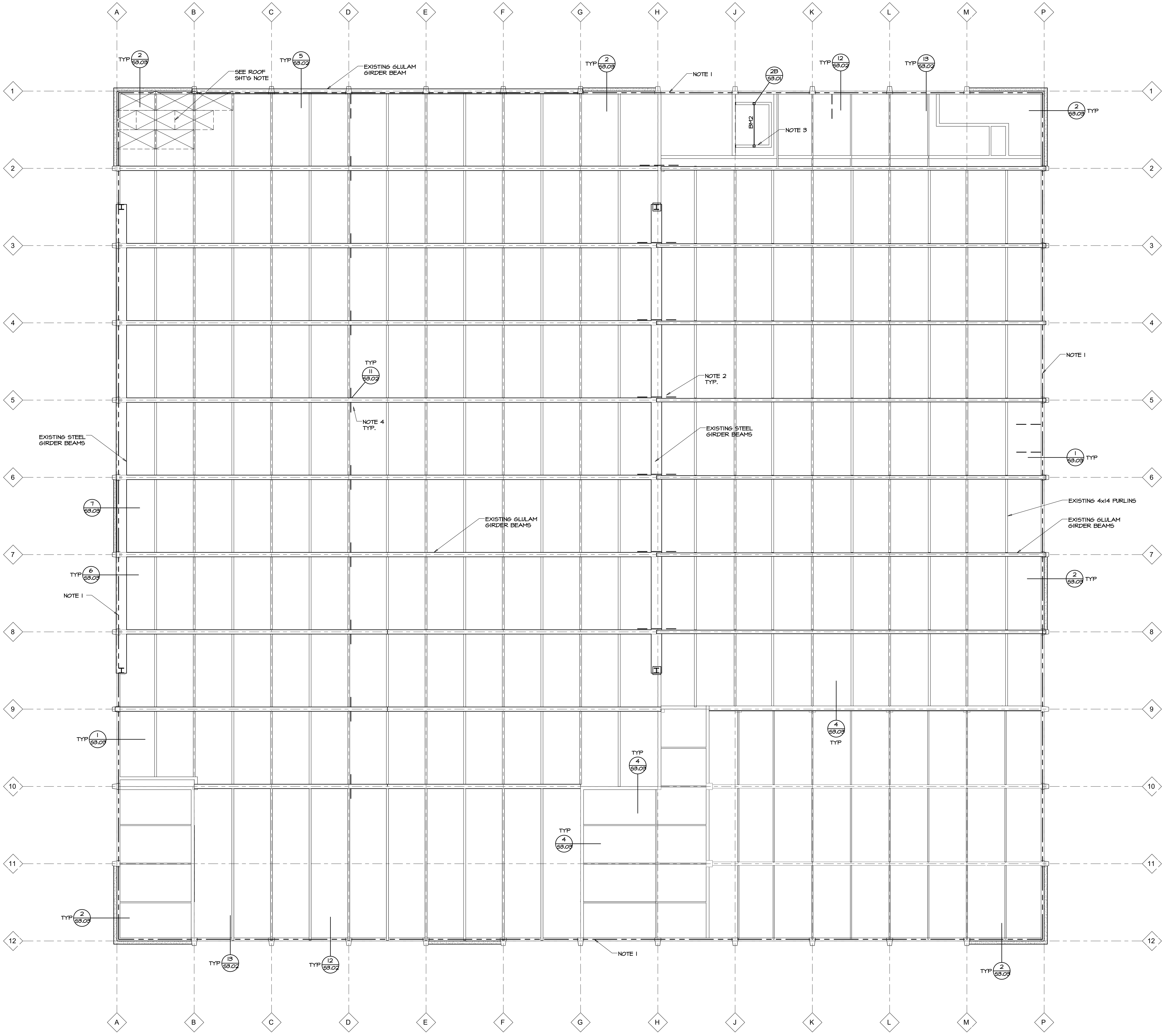

ROOF PLAN

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

N

SHEET NOTES: NOTES ARE TYPICAL FOR ALL CONDITIONS

1. NEW PERIMETER CHORD. L8x6x1/2" ANCHORED TO TOP CMU BOND BEAM W/ 3/4" ALL THREAD ANCHORS, DRILL/EPOXY W/ SET-XP. FIELD WELD AT SPLICE POINTS. INSTALL OVER NEW ROOF SHEATHING.
2. NEW GIRDER TO GIRDER TIES. PL3/16"x4"x5'-0"L W/ 6" SDS SCREWS @ 4" OC STAGG. INSTALL EQUAL DISTANCE. INSTALL OVER NEW ROOF SHEATHING.
3. ELEVATOR SHAFT & RAIL COLUMNS REQUIRE LATERAL SUPPORT AT ROOF LEVEL. DETAILS TBD.
4. APPLIES TO ALL 4x14 PURLINS. STRAP ACROSS ALL GIRDER BEAMS AND ACROSS TOP OF WALLS PER DETAIL 11/S3.02.

NOTE:
EXISTING REBAR IS NOT TO BE CUT, COMPROMISED OR INTERRUPTED IN ANY WAY. ALL EPOXY DOWELS & TITEN HD ANCHORS SHALL BE LOCATED ACCORDINGLY W/ REBAR LOCATOR. CONTRACTOR TO VERIFY.

BEAM SCHEDULE

MK	SIZE	REMARKS
BM1	HSS 6 x 6 x 1/4"	Fy = 46 KSI
BM2	W 12 x 26 (HOIST)	Fy = 50 KSI
BM3	W 8 x 21	Fy = 50 KSI

ROOF SHEATHING NOTE: DETAIL 3/S3.03

1/2" C-D EXT. GLUE PLYWOOD OR APA RATED OSB EXPOSURE 1, PANEL I.D. 40/20. INSTALL OVER EXISTING 3x HORIZONTAL DECKING AND FASTEN W/ 10D COMMONS @ 6" OC AT ALL PANEL EDGES AND AT 6" OC INTERMEDIATE (24" OC). BOUNDARY NAILING SHALL BE 10D COMMONS @ 4" OC. INSTALL PERPENDICULAR TO FRAMING AND STAGGER PANELS.

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Drawing Title
ROOF PLAN

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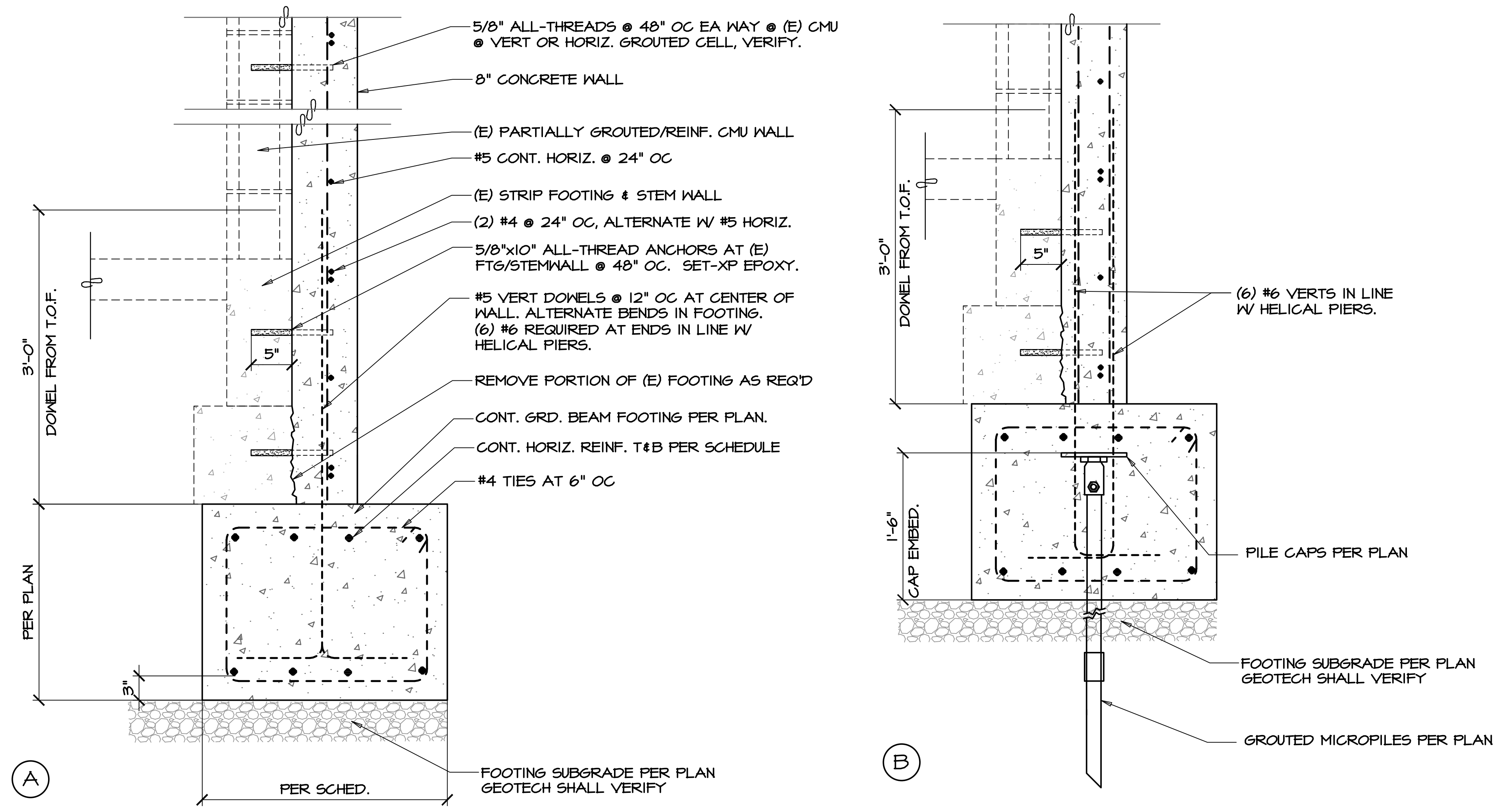
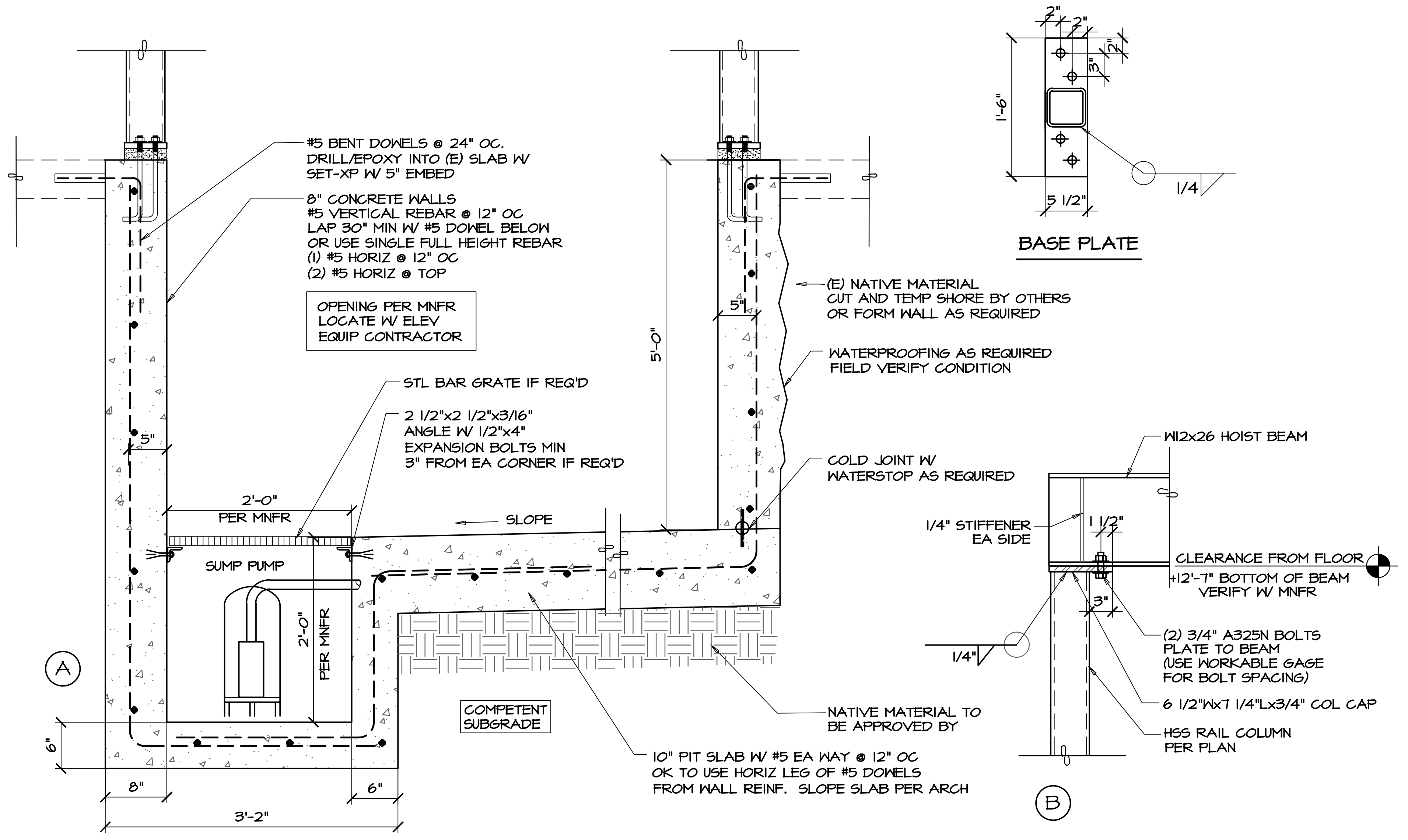

5/8" ALL-THREADS @ 48" OC EA WAY @ (E) CMU @ VERT OR HORIZ. GROUTED CELL, VERIFY.
8" CONCRETE WALL
(E) PARTIALLY GROUTED/REINF. CMU WALL
#5 CONT. HORIZ. @ 24" OC
(E) STRIP FOOTING & STEM WALL
(2) #4 @ 24" OC, ALTERNATE W/ #5 HORIZ.
5/8"x10" ALL-THREAD ANCHORS AT (E) FTG/STEMWALL @ 48" OC. SET-XP EPOXY.
#5 VERT DOWELS @ 12" OC AT CENTER OF WALL. ALTERNATE BENDS IN FOOTING. (6) #6 REQUIRED AT ENDS IN LINE W/ HELICAL PIERS.
REMOVE PORTION OF (E) FOOTING AS REQ'D
CONT. GRD. BEAM FOOTING PER PLAN.
CONT. HORIZ. REINF. T&B PER SCHEDULE
#4 TIES AT 6" OC
3'-0"
DOWEL FROM T.O.F.
5"
PER PLAN
3"
FOOTING SUBGRADE PER PLAN GEOTECH SHALL VERIFY
PER SCHED.
A
(6) #6 VERTS IN LINE W/ HELICAL PIERS.
1'-6"
CAP EMBED.
PILE CAPS PER PLAN
FOOTING SUBGRADE PER PLAN GEOTECH SHALL VERIFY
GROUTED MICROPILES PER PLAN
B

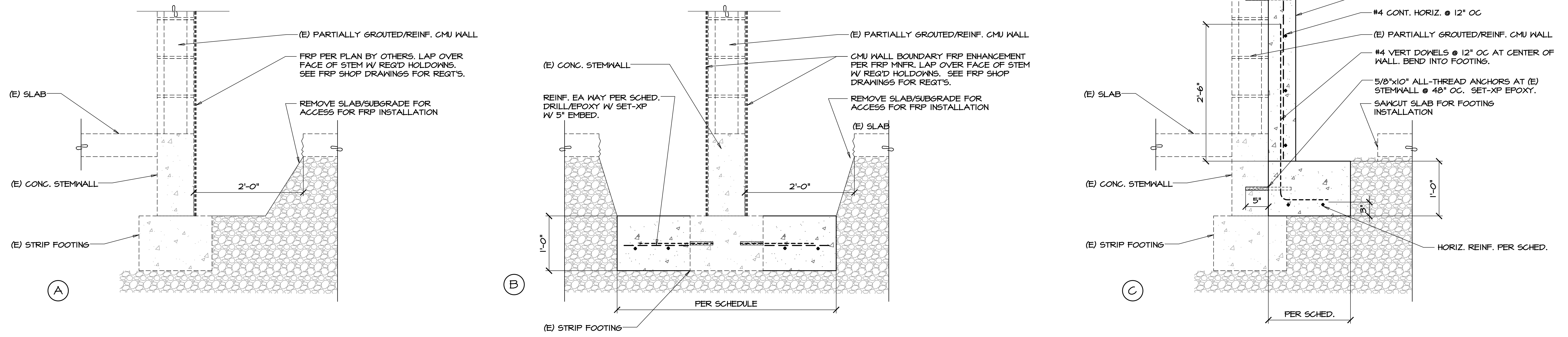
1 FOUNDATION DETAILS

Scale: 1"=1'-0"


#5 BENT DOWELS @ 24" OC. DRILL/EPOXY INTO (E) SLAB W/ SET-XP W/ 5" EMBED
8" CONCRETE WALLS
#5 VERTICAL REBAR @ 12" OC
LAP 30" MIN W/ #5 DOWEL BELOW
OR USE SINGLE FULL HEIGHT REBAR
(1) #5 HORIZ @ 12" OC
(2) #5 HORIZ @ TOP
OPENING PER MNFR LOCATE W/ ELEV EQUIP CONTRACTOR
STL BAR GRATE IF REQ'D
2 1/2"x2 1/2"x3/16" ANGLE W/ 1/2"x4" EXPANSION BOLTS MIN 3" FROM EA CORNER IF REQ'D
2'-0"
PER MNFR
SLOPE
SUMP PUMP
2'-0"
PER MNFR
5"
6"
8"
6"
3'-2"
COMPETENT SUBGRADE
A
5'-0"
10" PIT SLAB W/ #5 EA WAY @ 12" OC OK TO USE HORIZ LEG OF #5 DOWELS FROM WALL REINF. SLOPE SLAB PER ARCH
(E) NATIVE MATERIAL CUT AND TEMP SHORE BY OTHERS OR FORM WALL AS REQUIRED
WATERPROOFING AS REQUIRED FIELD VERIFY CONDITION
COLD JOINT W/ WATERSTOP AS REQUIRED
NATIVE MATERIAL TO BE APPROVED BY
2"
2"
2"
3"
1'-6"
5 1/2"
1/4
BASE PLATE
W12x26 HOIST BEAM
1/4" STIFFENER EA SIDE
1 1/2"
CLEARANCE FROM FLOOR
+12'-7" BOTTOM OF BEAM VERIFY W/ MNFR
3"
1/4"
(2) 3/4" A325N BOLTS PLATE TO BEAM (USE WORKABLE GAGE FOR BOLT SPACING)
6 1/2"Wx7 1/4"Lx3/4" COL CAP
HSS RAIL COLUMN PER PLAN
B

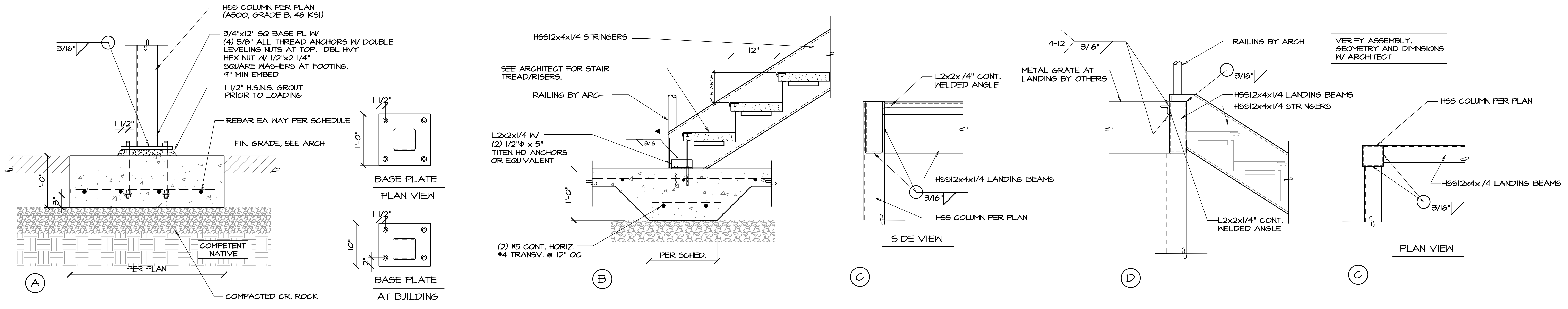
2 FOUNDATION DETAILS

Scale: 1"=1'-0"


(E) PARTIALLY GROUTED/REINF. CMU WALL
FRP PER PLAN BY OTHERS. LAP OVER FACE OF STEM W/ REQ'D HOLDOWNS. SEE FRP SHOP DRAWINGS FOR REQT'S.
(E) SLAB
REMOVE SLAB/SUBGRADE FOR ACCESS FOR FRP INSTALLATION
(E) CONC. STEMWALL
2'-0"
(E) STRIP FOOTING
A
(E) PARTIALLY GROUTED/REINF. CMU WALL
(E) CONC. STEMWALL
CMU WALL BOUNDARY FRP ENHANCEMENT PER FRP MNFR. LAP OVER FACE OF STEM W/ REQ'D HOLDOWNS. SEE FRP SHOP DRAWINGS FOR REQT'S.
REINF. EA WAY PER SCHED. DRILL/EPOXY W/ SET-XP W/ 5" EMBED.
REMOVE SLAB/SUBGRADE FOR ACCESS FOR FRP INSTALLATION
(E) SLAB
2'-0"
1'-0"
PER SCHEDULE
(E) STRIP FOOTING
B
5/8" ALL-THREADS @ 48" OC EA WAY @ (E) CMU @ VERT OR HORIZ. GROUTED CELL, VERIFY.
6" CONCRETE WALL PER PLAN
#4 CONT. HORIZ. @ 12" OC
(E) PARTIALLY GROUTED/REINF. CMU WALL
#4 VERT DOWELS @ 12" OC AT CENTER OF WALL. BEND INTO FOOTING.
5/8"x10" ALL-THREAD ANCHORS AT (E) STEMWALL @ 48" OC. SET-XP EPOXY.
SAWCUT SLAB FOR FOOTING INSTALLATION
(E) SLAB
2'-6"
(E) CONC. STEMWALL
5"
3"
1'-0"
HORIZ. REINF. PER SCHED.
(E) STRIP FOOTING
PER SCHED.
C

3 FOUNDATION DETAILS

Scale: 1"=1'-0"


HSS COLUMN PER PLAN (A500, GRADE B, 46 KSI)
3/4"x12" SQ BASE PL W/ (4) 5/8" ALL THREAD ANCHORS W/ DOUBLE LEVELING NUTS AT TOP. DBL HVY HEX NUT W/ 1/2"x2 1/4" SQUARE WASHERS AT FOOTING. 9" MIN EMBED
1 1/2" H.S.N.S. GROUT PRIOR TO LOADING
3/16"
1 1/2"
REBAR EA WAY PER SCHEDULE
FIN. GRADE, SEE ARCH
1'-0"
3"
COMPETENT NATIVE
PER PLAN
COMPACTED CR. ROCK
A
1 1/2"
1'-0"
BASE PLATE
PLAN VIEW
1 1/2"
10"
2"
BASE PLATE
AT BUILDING
HSS12x4x1/4 STRINGERS
12"
SEE ARCHITECT FOR STAIR TREAD/RISERS.
PER ARCH
RAILING BY ARCH
L2x2x1/4 W/ (2) 1/2"Φ x 5" TITEN HD ANCHORS OR EQUIVALENT
3/16
1'-0"
(2) #5 CONT. HORIZ. #4 TRANSV. @ 12" OC
PER SCHED.
B
L2x2x1/4" CONT. WELDED ANGLE
HSS12x4x1/4 LANDING BEAMS
3/16"
HSS COLUMN PER PLAN
SIDE VIEW
C
4-12
3/16"
METAL GRATE AT LANDING BY OTHERS
RAILING BY ARCH
VERIFY ASSEMBLY, GEOMETRY AND DIMNSIONS W/ ARCHITECT
3/16"
HSS12x4x1/4 LANDING BEAMS
HSS12x4x1/4 STRINGERS
L2x2x1/4" CONT. WELDED ANGLE
D
HSS COLUMN PER PLAN
HSS12x4x1/4 LANDING BEAMS
3/16"
PLAN VIEW
C

4 FOUNDATION DETAILS

Scale: 1"=1'-0"

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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Stamp

STRUCTURAL
REGISTERED PROFESSIONAL ENGINEER
19152PE
OREGON
JULY 15, 1997
BARBARA L. CIOTA
EXPIRES 12/31/25

MEDFORD SCHOOL DISTRICT 549C
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1900 N KEENE WAY DR, MEDFORD, OR 97504

Project

Consultant
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541 552-0290

Revisions

No.	Description	Date

Date	4/1/24
Job No.	23-078
Drawn By	CDH
Checked By	BC

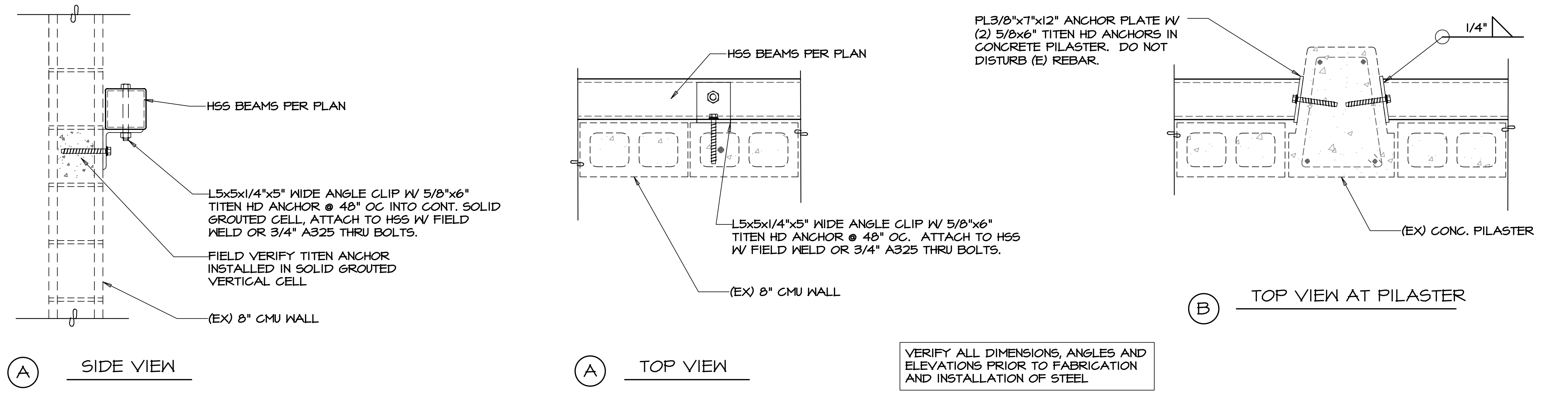
100% CD

Date
4/1/24

Project Number
23-078

Drawing Title
STRUCTURAL DETAILS

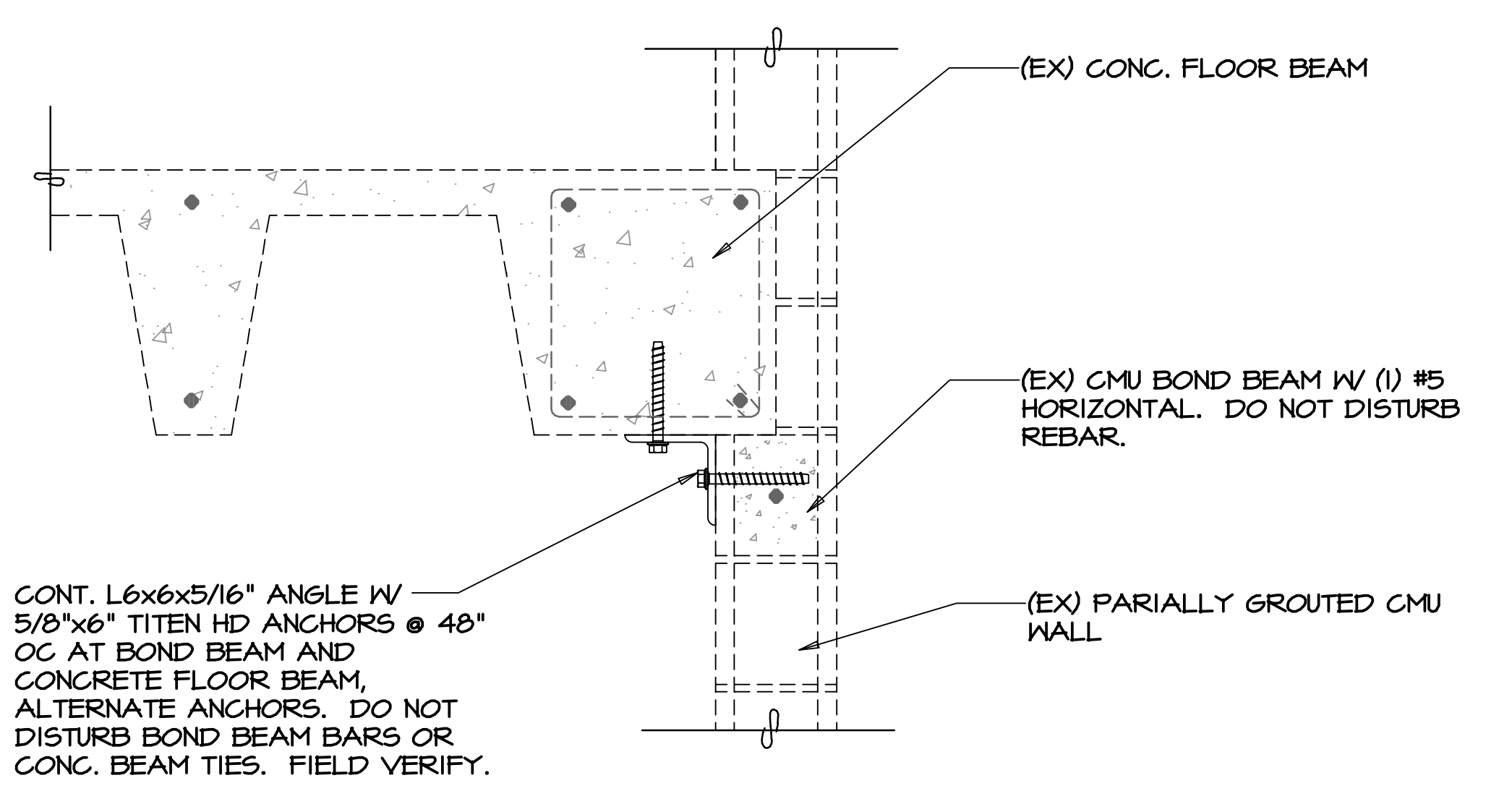
Sheet No
S3.01


HSS BEAMS PER PLAN
L5x5x1/4"x5" WIDE ANGLE CLIP W/ 5/8"x6" TITEN HD ANCHOR @ 48" OC INTO CONT. SOLID GROUTED CELL, ATTACH TO HSS W/ FIELD WELD OR 3/4" A325 THRU BOLTS.
FIELD VERIFY TITEN ANCHOR INSTALLED IN SOLID GROUTED VERTICAL CELL
(EX) 8" CMU WALL
A
SIDE VIEW
HSS BEAMS PER PLAN
L5x5x1/4"x5" WIDE ANGLE CLIP W/ 5/8"x6" TITEN HD ANCHOR @ 48" OC. ATTACH TO HSS W/ FIELD WELD OR 3/4" A325 THRU BOLTS.
(EX) 8" CMU WALL
A
TOP VIEW
PL3/8"x7"x12" ANCHOR PLATE W/ (2) 5/8x6" TITEN HD ANCHORS IN CONCRETE PILASTER. DO NOT DISTURB (E) REBAR.
1/4"
(EX) CONC. PILASTER
B
TOP VIEW AT PILASTER

VERIFY ALL DIMENSIONS, ANGLES AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION OF STEEL

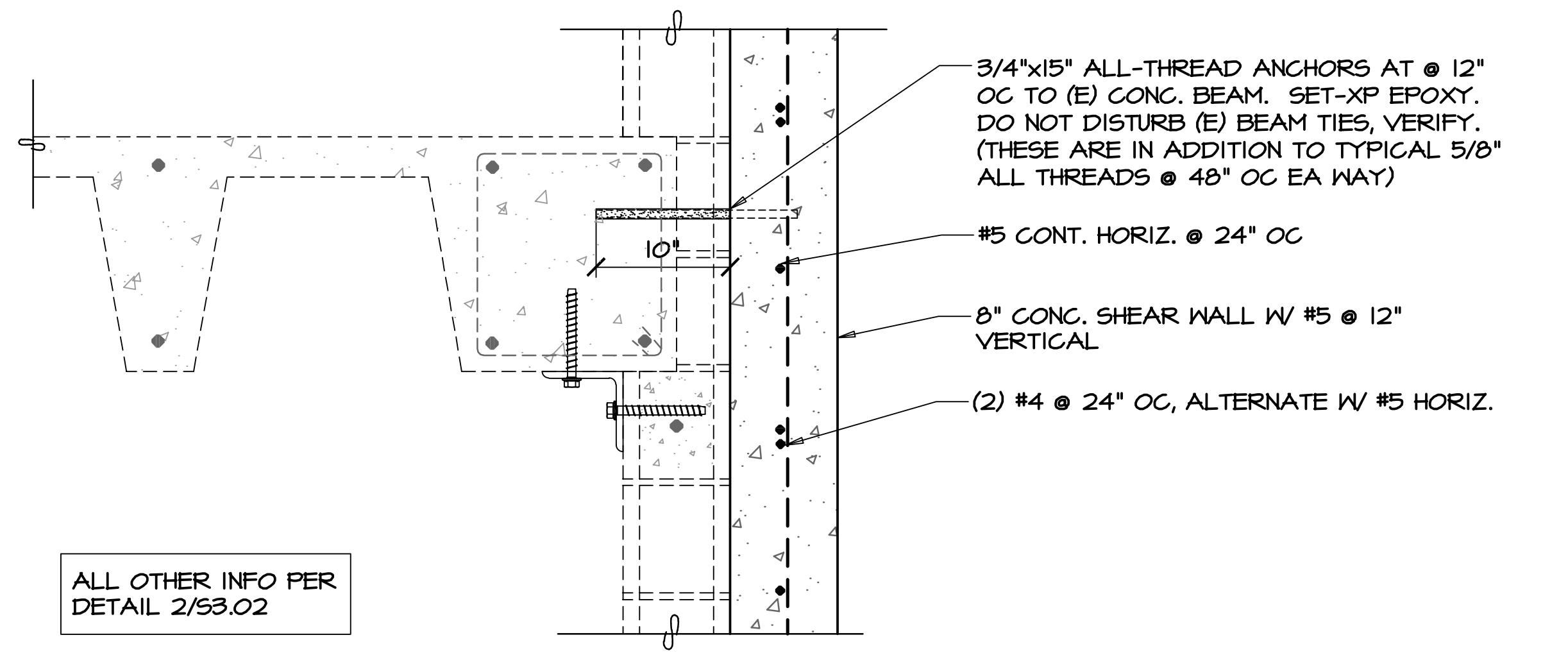
1 OUT OF PLANE CMU WALL RESTRAINT DETAIL

Scale: 1"=1'-0"


(EX) CONC. FLOOR BEAM
(EX) CMU BOND BEAM W/ (1) #5 HORIZONTAL. DO NOT DISTURB REBAR.
CONT. L6x6x5/16" ANGLE W/ 5/8"x6" TITEN HD ANCHORS @ 48" OC AT BOND BEAM AND CONCRETE FLOOR BEAM, ALTERNATE ANCHORS. DO NOT DISTURB BOND BEAM BARS OR CONC. BEAM TIES. FIELD VERIFY.
(EX) PARIALLY GROUTED CMU WALL

2 OUT OF PLANE RESTRAINT DETAIL

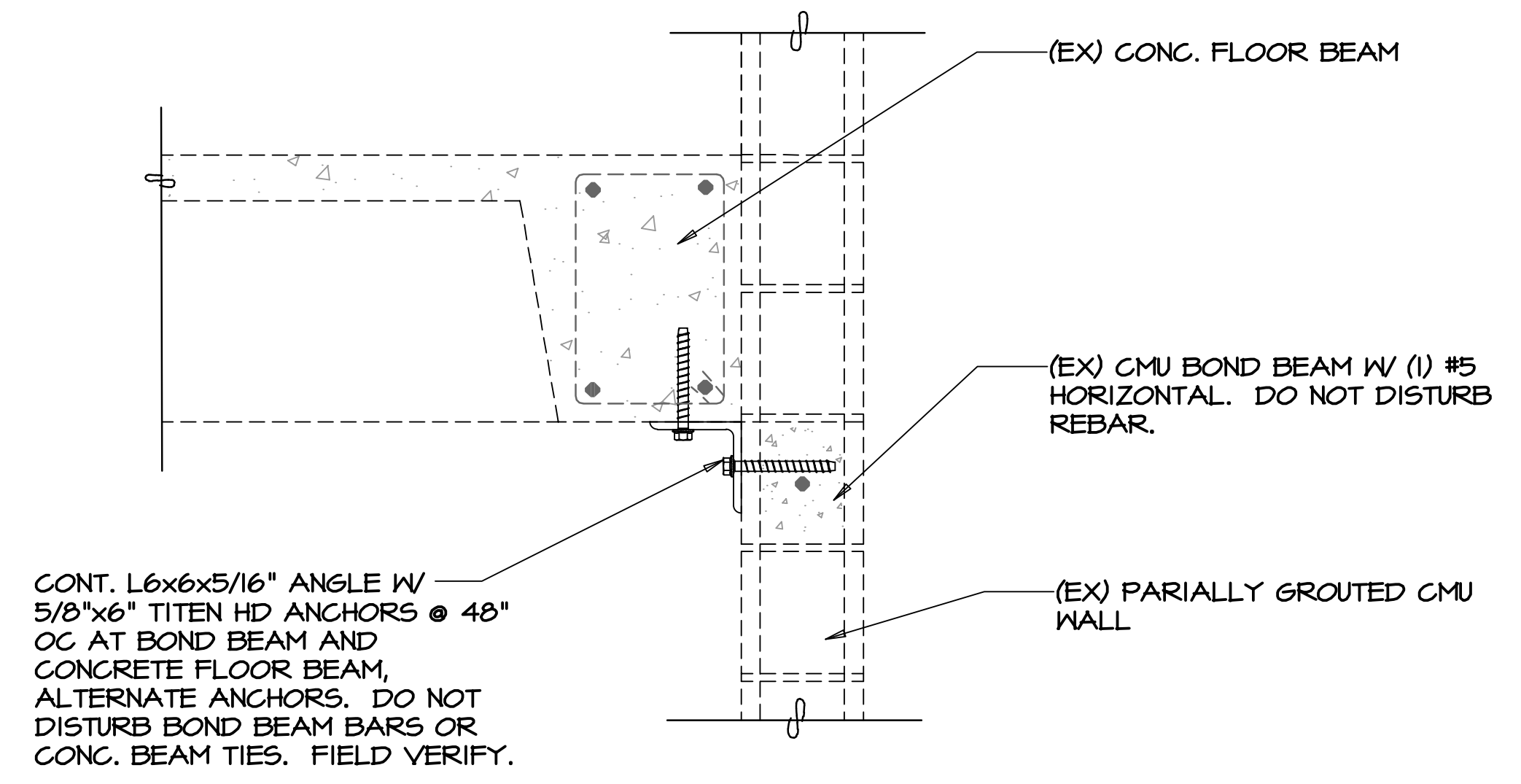
Scale: 1"=1'-0"


3/4"x15" ALL-THREAD ANCHORS AT @ 12" OC TO (E) CONC. BEAM. SET-XP EPOXY. DO NOT DISTURB (E) BEAM TIES, VERIFY. (THESE ARE IN ADDITION TO TYPICAL 5/8" ALL THREADS @ 48" OC EA WAY)
#5 CONT. HORIZ. @ 24" OC
10"
8" CONC. SHEAR WALL W/ #5 @ 12" VERTICAL
(2) #4 @ 24" OC, ALTERNATE W/ #5 HORIZ.

ALL OTHER INFO PER DETAIL 2/S3.02

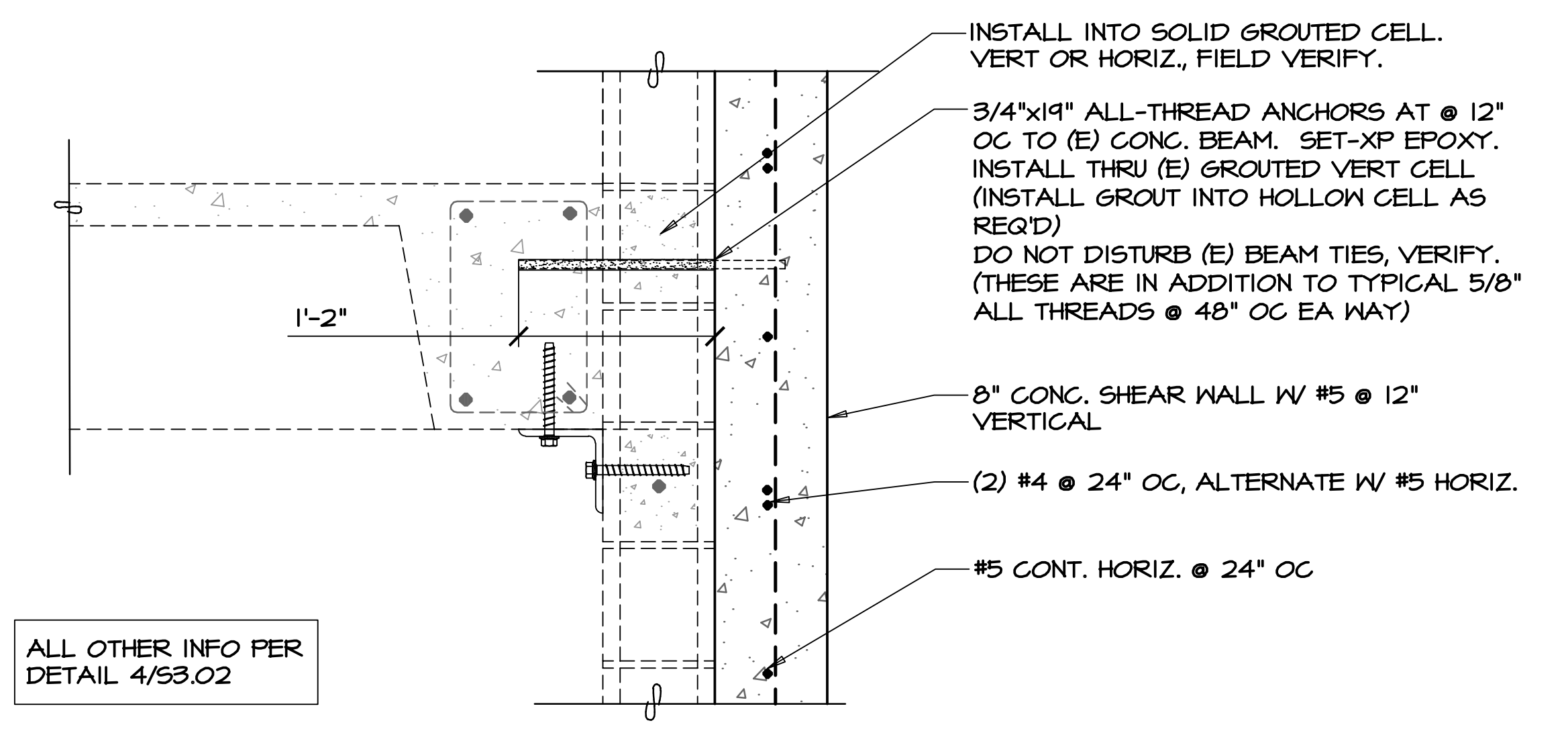
3 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


(EX) CONC. FLOOR BEAM
(EX) CMU BOND BEAM W/ (1) #5 HORIZONTAL. DO NOT DISTURB REBAR.
CONT. L6x6x5/16" ANGLE W/ 5/8"x6" TITEN HD ANCHORS @ 48" OC AT BOND BEAM AND CONCRETE FLOOR BEAM, ALTERNATE ANCHORS. DO NOT DISTURB BOND BEAM BARS OR CONC. BEAM TIES. FIELD VERIFY.
(EX) PARIALLY GROUTED CMU WALL

4 OUT OF PLANE RESTRAINT DETAIL

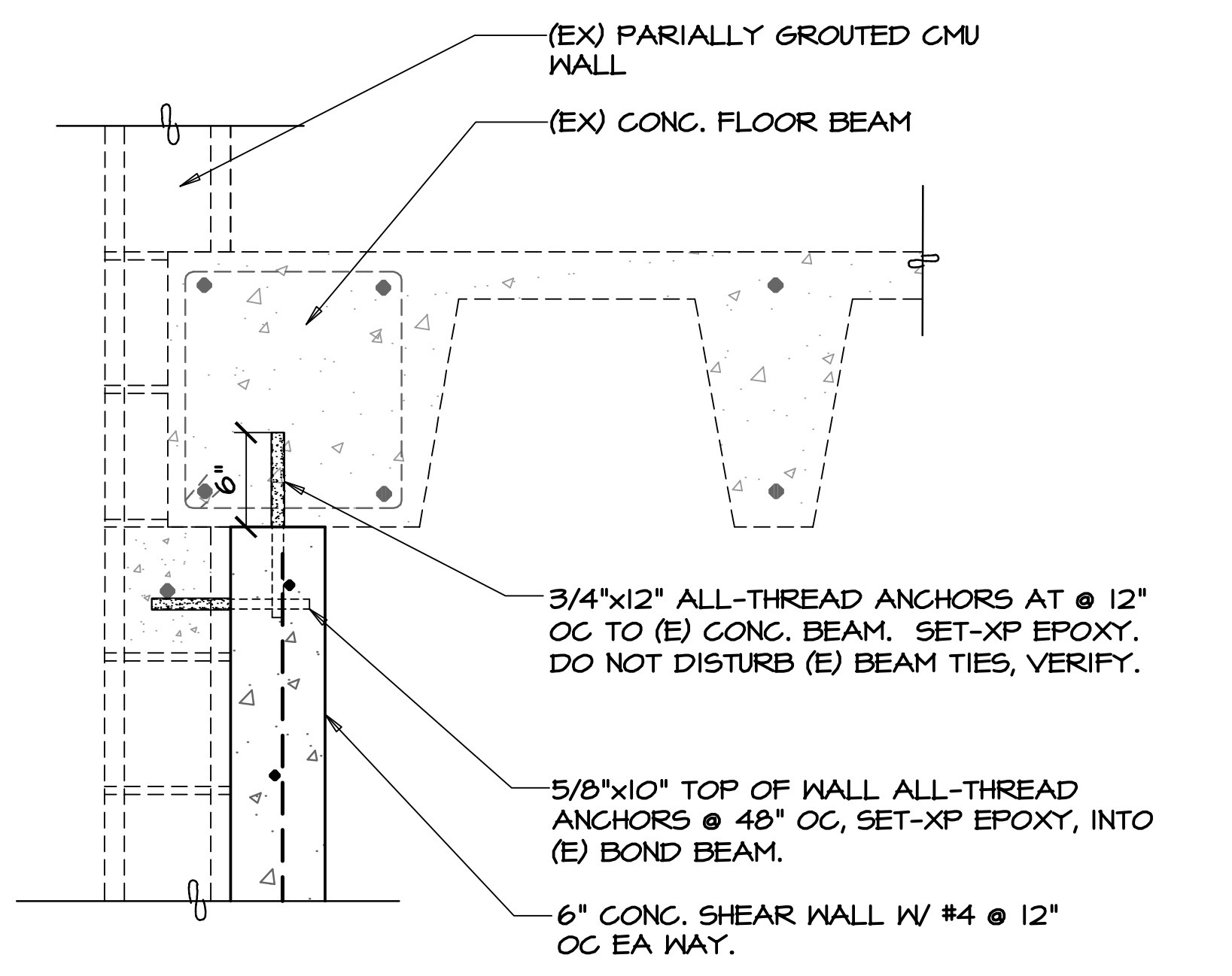
Scale: 1"=1'-0"


INSTALL INTO SOLID GROUTED CELL. VERT OR HORIZ., FIELD VERIFY.
3/4"x19" ALL-THREAD ANCHORS AT @ 12" OC TO (E) CONC. BEAM. SET-XP EPOXY. INSTALL THRU (E) GROUTED VERT CELL (INSTALL GROUT INTO HOLLOW CELL AS REQ'D) DO NOT DISTURB (E) BEAM TIES, VERIFY. (THESE ARE IN ADDITION TO TYPICAL 5/8" ALL THREADS @ 48" OC EA WAY)
1'-2"
8" CONC. SHEAR WALL W/ #5 @ 12" VERTICAL
(2) #4 @ 24" OC, ALTERNATE W/ #5 HORIZ.
#5 CONT. HORIZ. @ 24" OC

ALL OTHER INFO PER DETAIL 4/S3.02

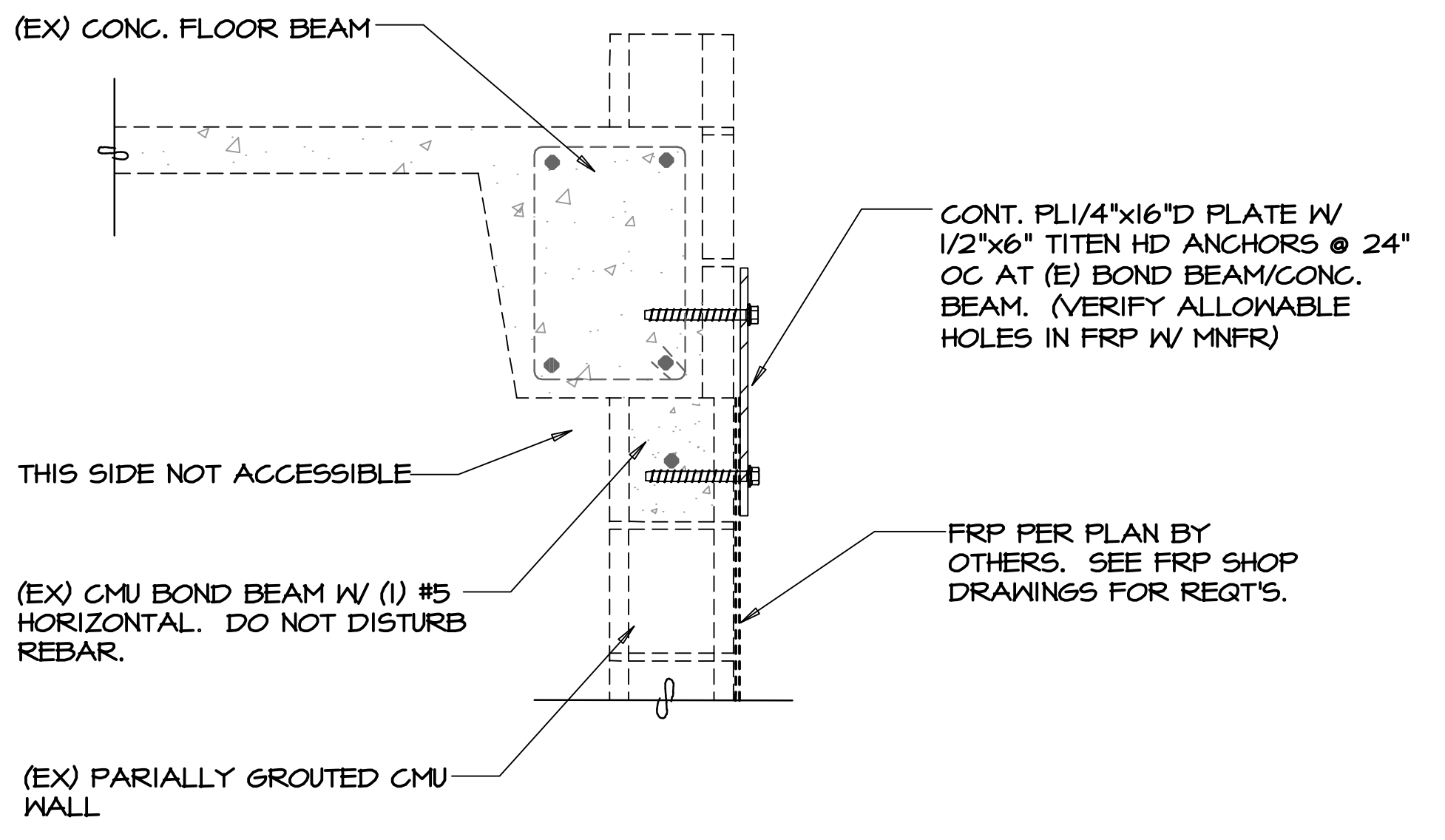
5 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


(EX) PARIALLY GROUTED CMU WALL
(EX) CONC. FLOOR BEAM
6"
3/4"x12" ALL-THREAD ANCHORS AT @ 12" OC TO (E) CONC. BEAM. SET-XP EPOXY. DO NOT DISTURB (E) BEAM TIES, VERIFY.
5/8"x10" TOP OF WALL ALL-THREAD ANCHORS @ 48" OC, SET-XP EPOXY, INTO (E) BOND BEAM.
6" CONC. SHEAR WALL W/ #4 @ 12" OC EA WAY.

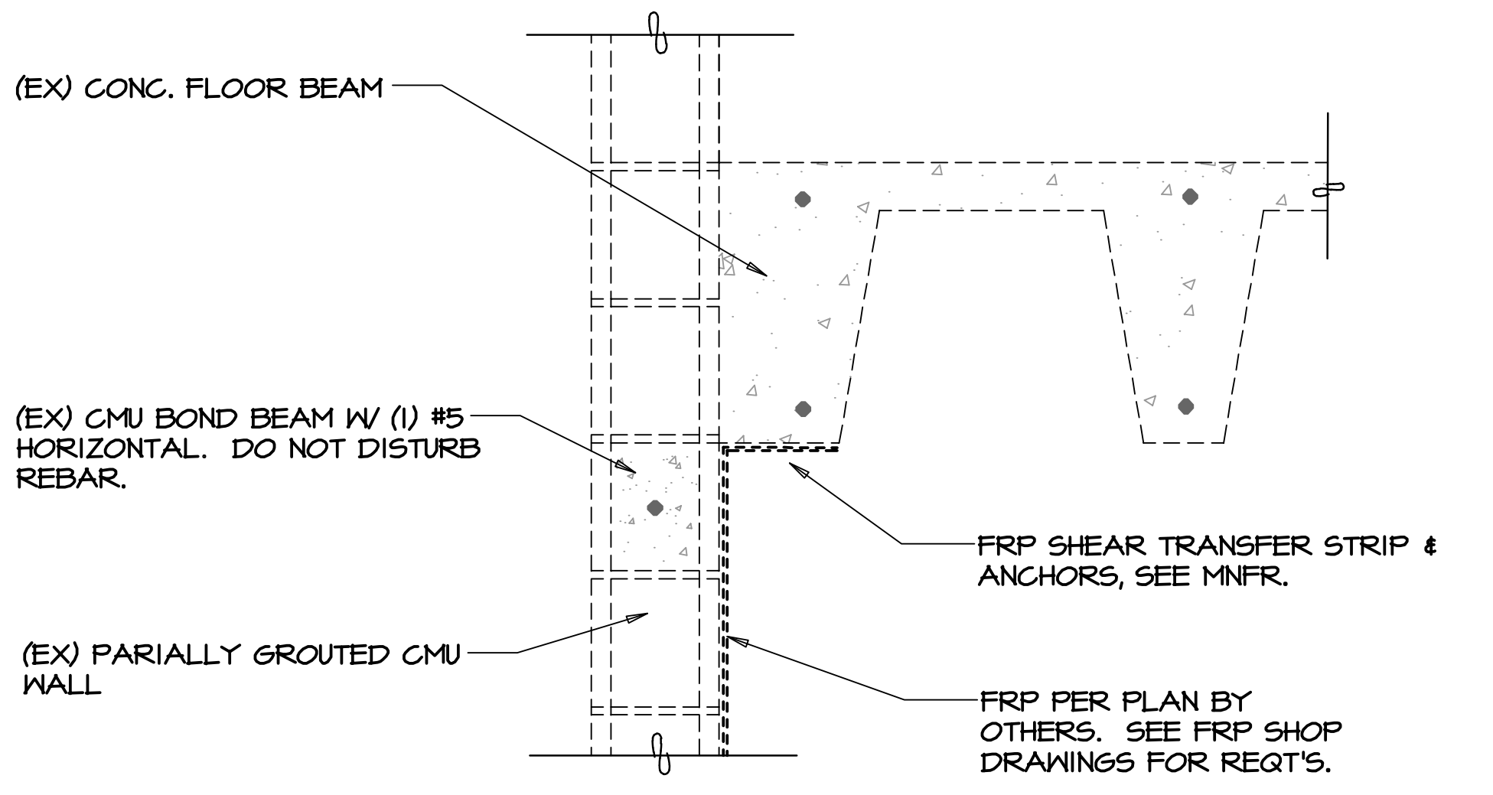
6 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


(EX) CONC. FLOOR BEAM
CONT. PL1/4"x16"D PLATE W/ 1/2"x6" TITEN HD ANCHORS @ 24" OC AT (E) BOND BEAM/CONC. BEAM. (VERIFY ALLOWABLE HOLES IN FRP W/ MNFR)
THIS SIDE NOT ACCESSIBLE
(EX) CMU BOND BEAM W/ (1) #5 HORIZONTAL. DO NOT DISTURB REBAR.
FRP PER PLAN BY OTHERS. SEE FRP SHOP DRAWINGS FOR REQT'S.
(EX) PARIALLY GROUTED CMU WALL

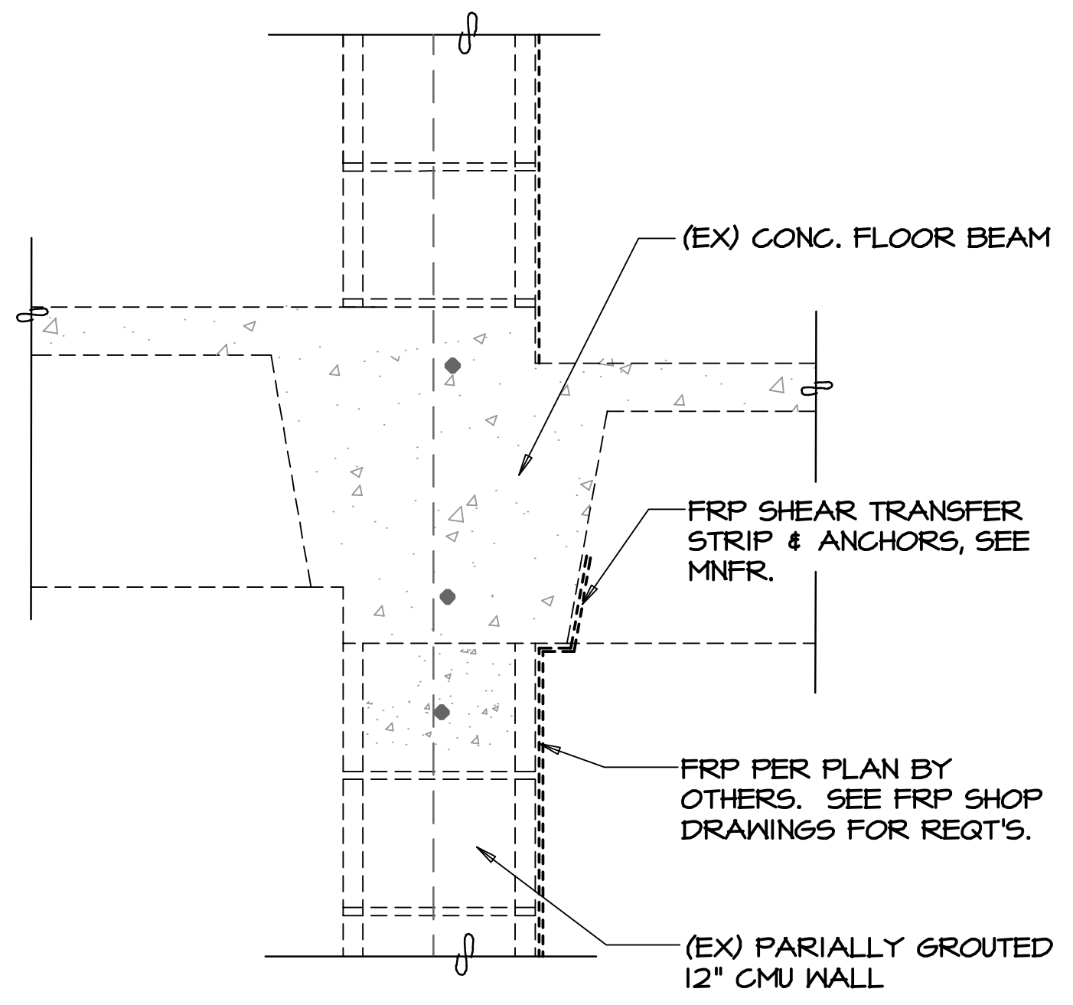
7 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


(EX) CONC. FLOOR BEAM
(EX) CMU BOND BEAM W/ (1) #5 HORIZONTAL. DO NOT DISTURB REBAR.
FRP SHEAR TRANSFER STRIP & ANCHORS, SEE MNFR.
(EX) PARIALLY GROUTED CMU WALL
FRP PER PLAN BY OTHERS. SEE FRP SHOP DRAWINGS FOR REQT'S.

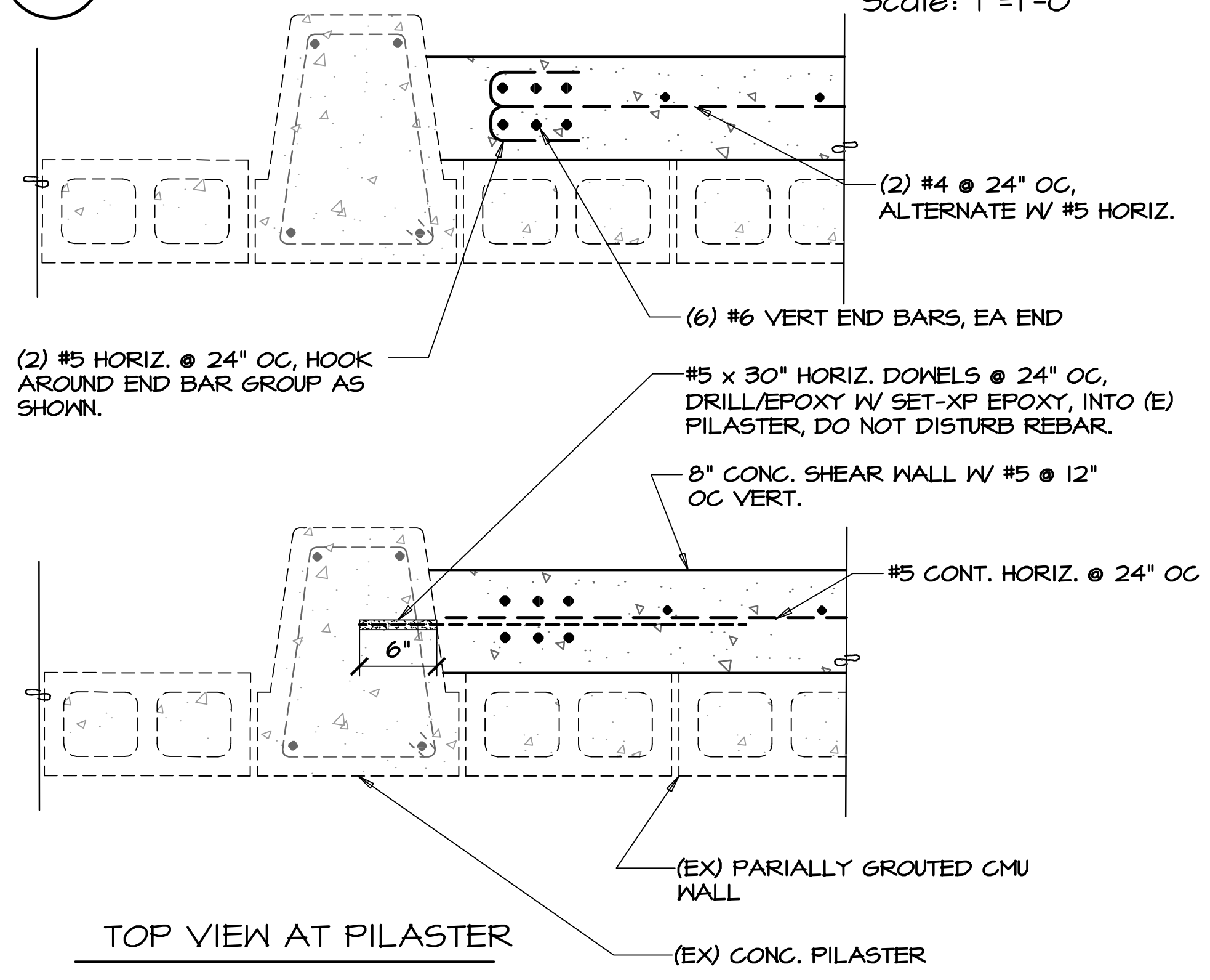
8 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


(EX) CONC. FLOOR BEAM
FRP SHEAR TRANSFER STRIP & ANCHORS, SEE MNFR.
FRP PER PLAN BY OTHERS. SEE FRP SHOP DRAWINGS FOR REQT'S.
(EX) PARIALLY GROUTED 12" CMU WALL

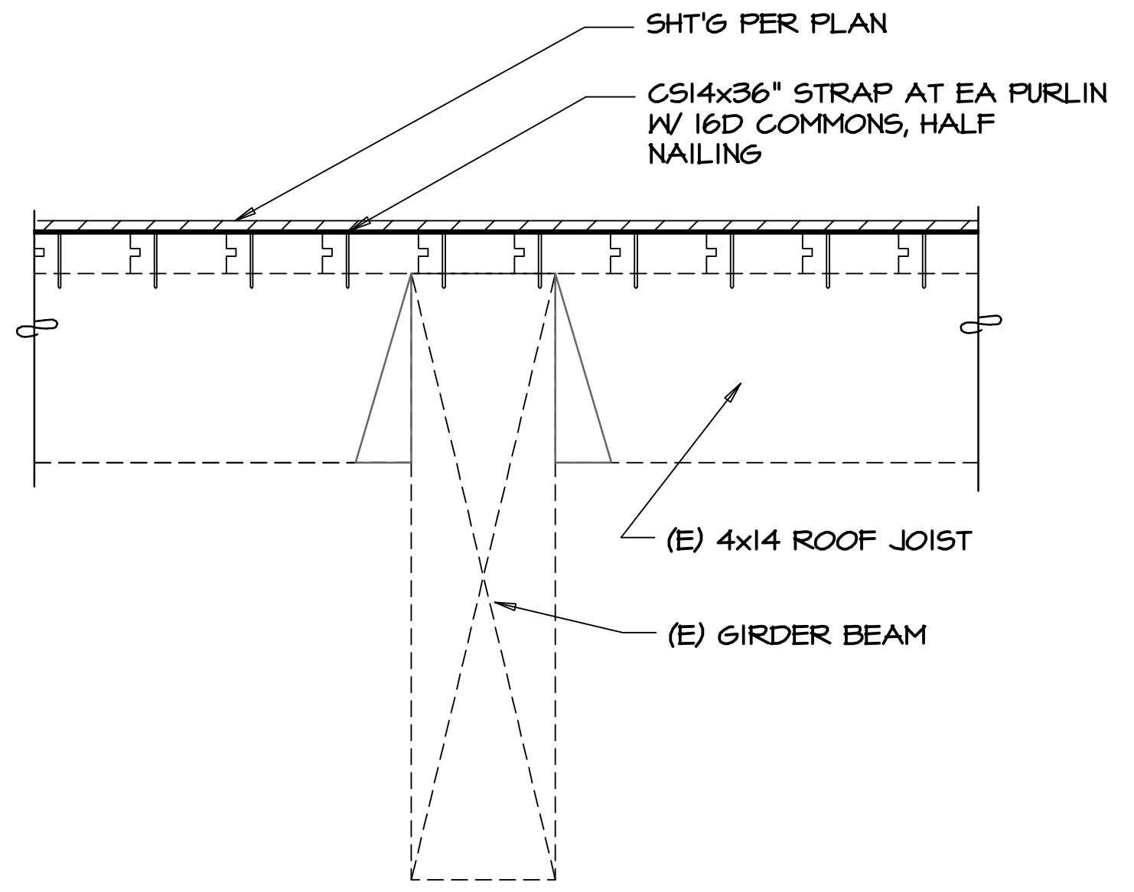
9 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


(2) #4 @ 24" OC, ALTERNATE W/ #5 HORIZ.
(6) #6 VERT END BARS, EA END
(2) #5 HORIZ. @ 24" OC, HOOK AROUND END BAR GROUP AS SHOWN.
#5 x 30" HORIZ. DOWELS @ 24" OC, DRILL/EPOXY W/ SET-XP EPOXY, INTO (E) PILASTER, DO NOT DISTURB REBAR.
8" CONC. SHEAR WALL W/ #5 @ 12" OC VERT.
#5 CONT. HORIZ. @ 24" OC
6"
(EX) PARIALLY GROUTED CMU WALL
TOP VIEW AT PILASTER
(EX) CONC. PILASTER

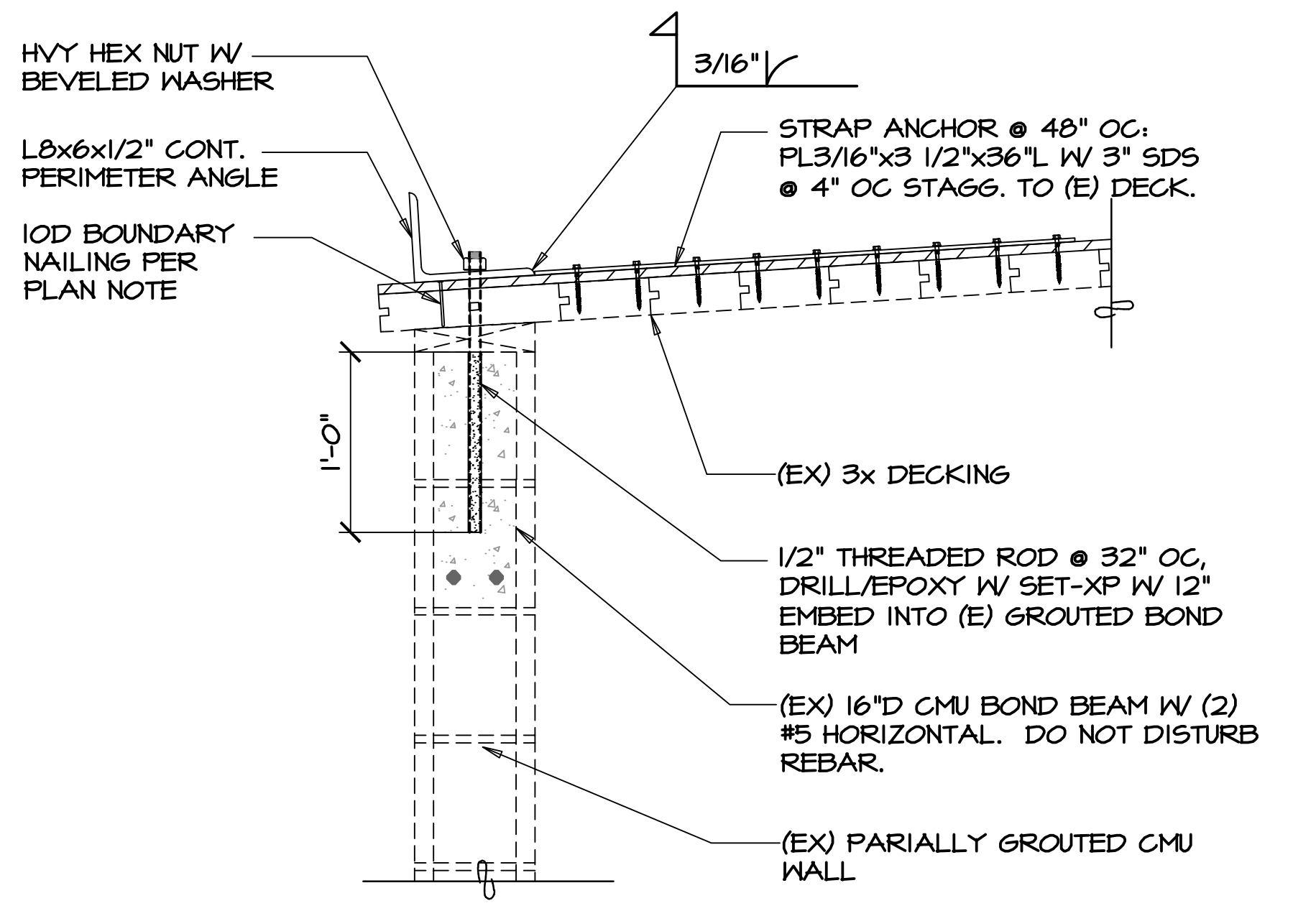
10 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"



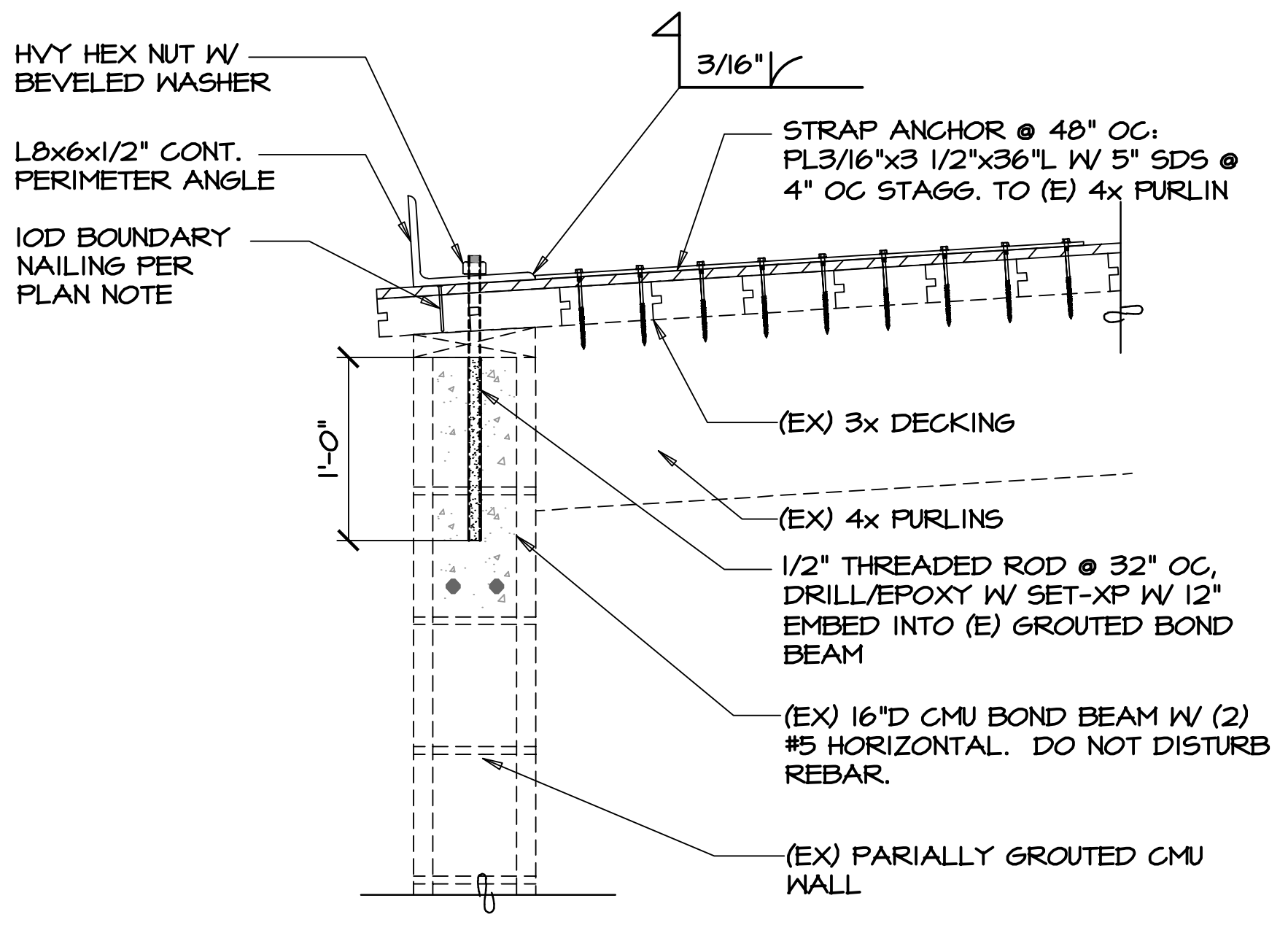
11 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


HVY HEX NUT W/ BEVELED WASHER
L8x6x1/2" CONT. PERIMETER ANGLE
10D BOUNDARY NAILING PER PLAN NOTE
3/16"
STRAP ANCHOR @ 48" OC: PL3/16"x3 1/2"x36"L W/ 3" SDS @ 4" OC STAGG. TO (E) DECK.
1'-0"
(EX) 3x DECKING
1/2" THREADED ROD @ 32" OC, DRILL/EPOXY W/ SET-XP W/ 12" EMBED INTO (E) GROUTED BOND BEAM
(EX) 16"D CMU BOND BEAM W/ (2) #5 HORIZONTAL. DO NOT DISTURB REBAR.
(EX) PARIALLY GROUTED CMU WALL

12 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


HVY HEX NUT W/ BEVELED WASHER
L8x6x1/2" CONT. PERIMETER ANGLE
10D BOUNDARY NAILING PER PLAN NOTE
3/16"
STRAP ANCHOR @ 48" OC: PL3/16"x3 1/2"x36"L W/ 5" SDS @ 4" OC STAGG. TO (E) 4x PURLIN
1'-0"
(EX) 3x DECKING
(EX) 4x PURLINS
1/2" THREADED ROD @ 32" OC, DRILL/EPOXY W/ SET-XP W/ 12" EMBED INTO (E) GROUTED BOND BEAM
(EX) 16"D CMU BOND BEAM W/ (2) #5 HORIZONTAL. DO NOT DISTURB REBAR.
(EX) PARIALLY GROUTED CMU WALL

13 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"

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Sam Barnum
05/03/24

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19152PE
OREGON
JULY 15, 1997
BARBARA L. CIOTA
EXPIRES 12/31/25

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NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

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ASHLAND, OR 97520
541 552-0290

Revisions

No.	Description	Date

Date 4/1/24
Job No. 23-078
Drawn By CDH
Checked By BC

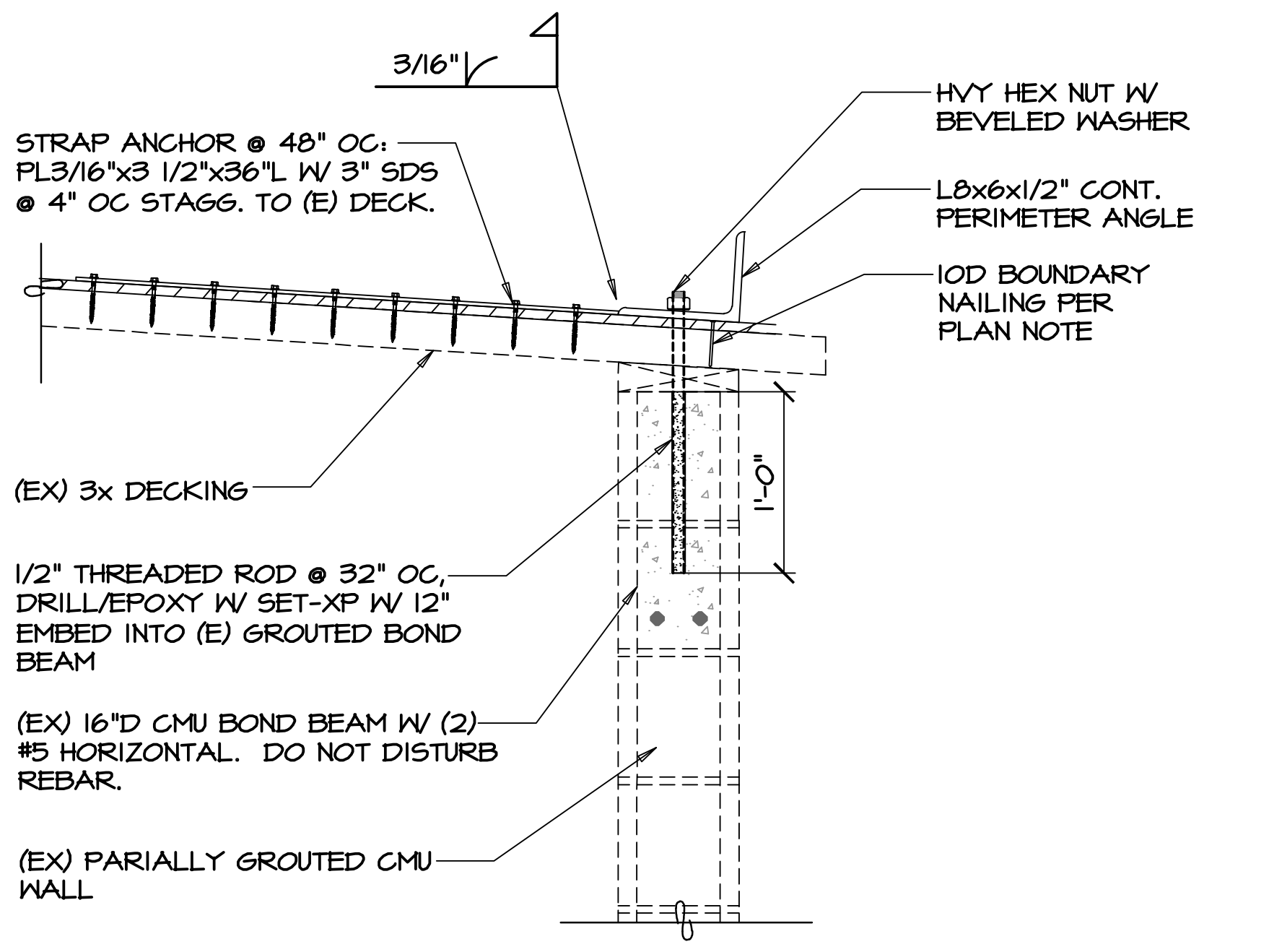
100% CD

Date
4/1/24

Project Number
23-078

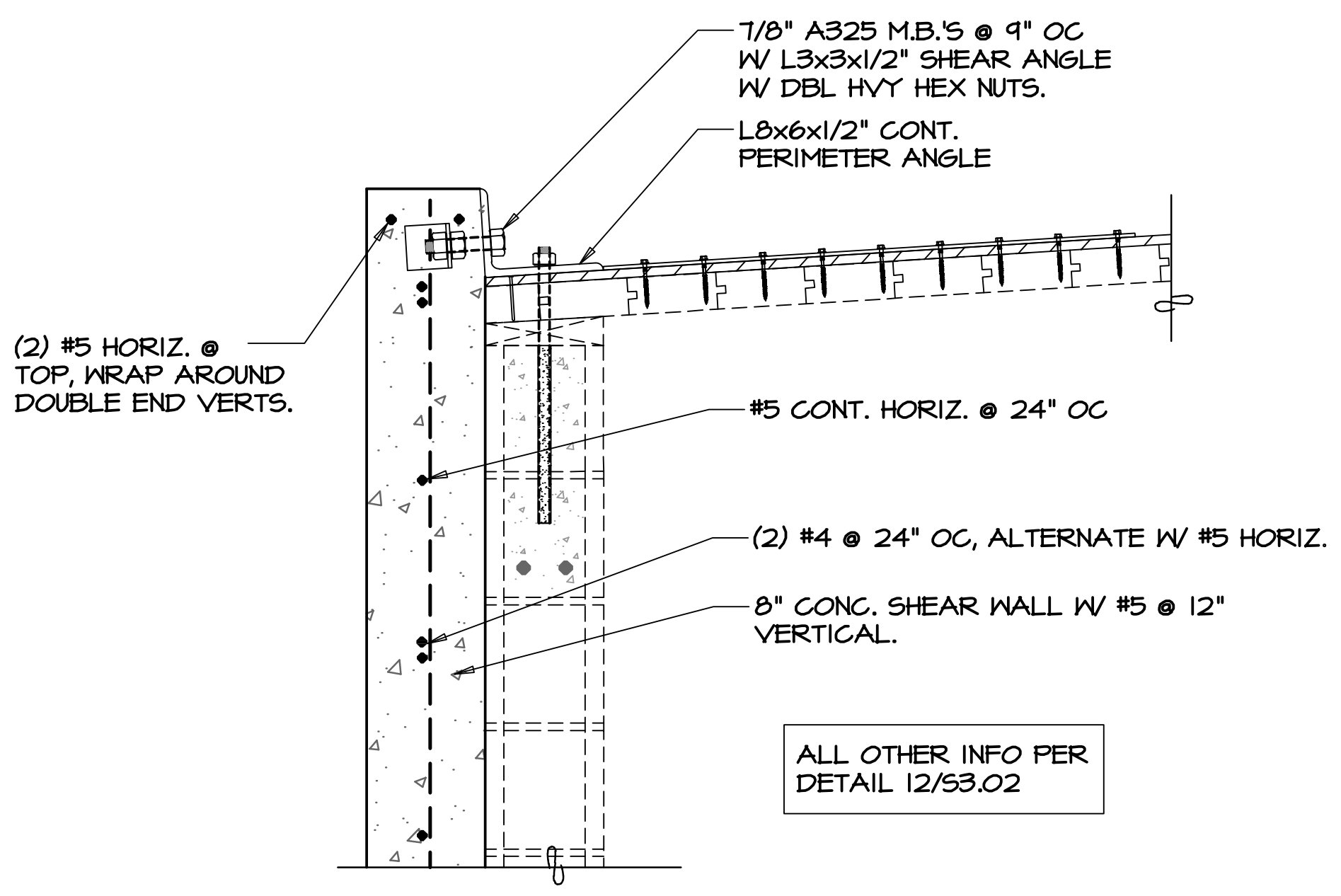
Drawing Title
STRUCTURAL DETAILS

Sheet No
S3.02


3/16"
STRAP ANCHOR @ 48" OC: PL3/16"x3 1/2"x36"L W/ 3" SDS @ 4" OC STAGG. TO (E) DECK.
HVY HEX NUT W/ BEVELED WASHER
L8x6x1/2" CONT. PERIMETER ANGLE
10D BOUNDARY NAILING PER PLAN NOTE
(EX) 3x DECKING
1'-0"
1/2" THREADED ROD @ 32" OC, DRILL/EPOXY W/ SET-XP W/ 12" EMBED INTO (E) GROUTED BOND BEAM
(EX) 16"D CMU BOND BEAM W/ (2) #5 HORIZONTAL. DO NOT DISTURB REBAR.
(EX) PARIALLY GROUTED CMU WALL

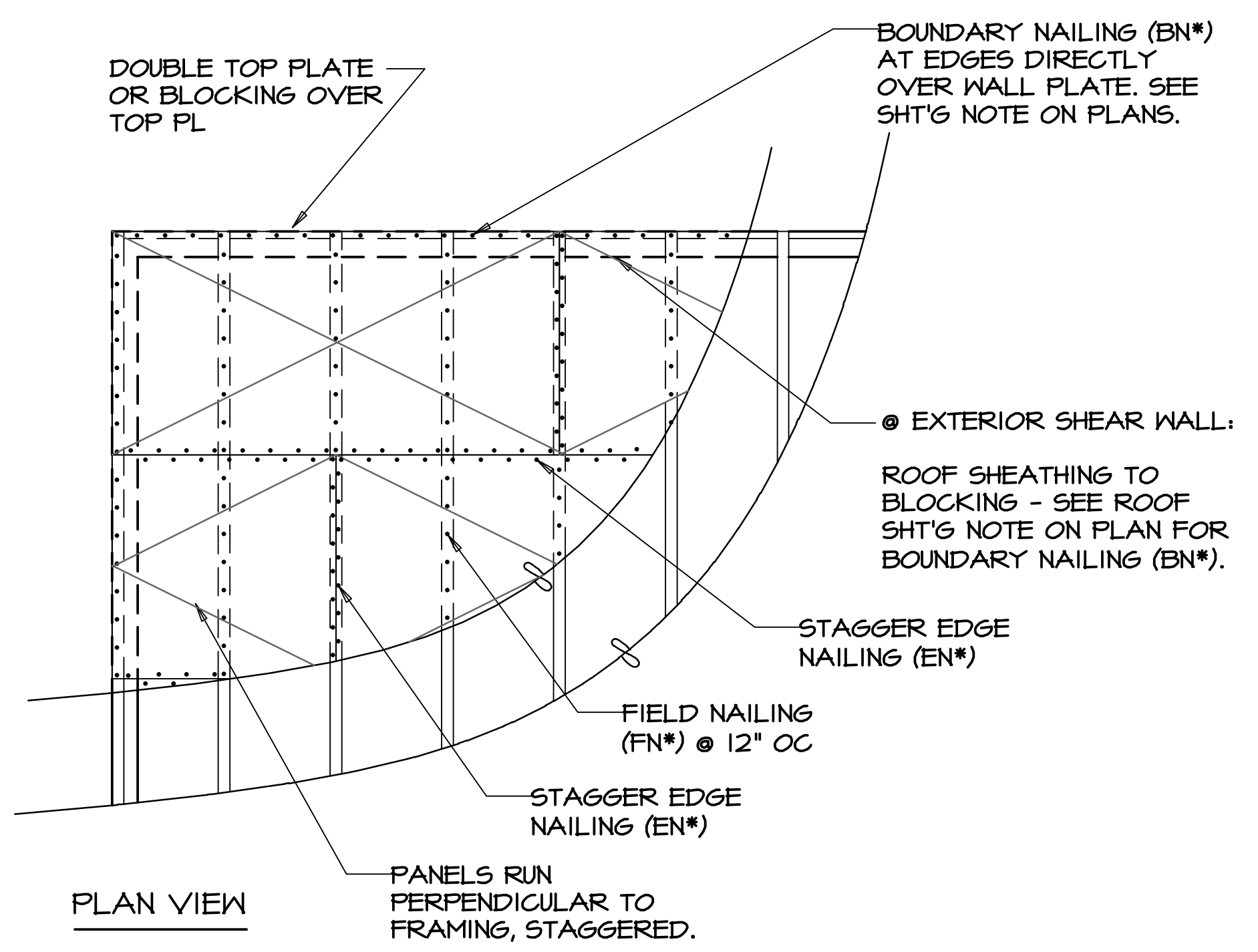
1 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


7/8" A325 M.B.'S @ 9" OC W/ L3x3x1/2" SHEAR ANGLE W/ DBL HVY HEX NUTS.
L8x6x1/2" CONT. PERIMETER ANGLE
(2) #5 HORIZ. @ TOP, WRAP AROUND DOUBLE END VERTS.
#5 CONT. HORIZ. @ 24" OC
(2) #4 @ 24" OC, ALTERNATE W/ #5 HORIZ.
8" CONC. SHEAR WALL W/ #5 @ 12" VERTICAL.
ALL OTHER INFO PER DETAIL 12/S3.02

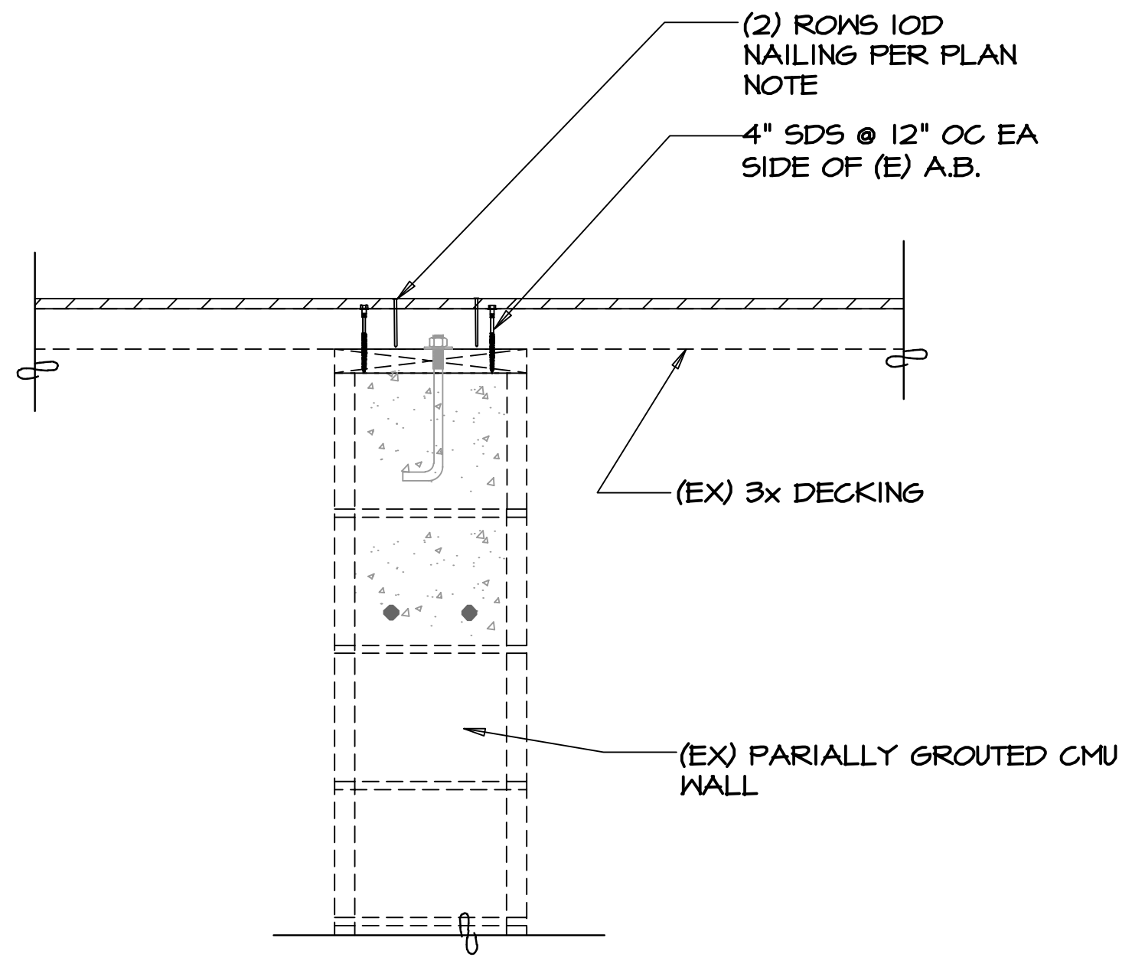
2 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


DOUBLE TOP PLATE OR BLOCKING OVER TOP PL
BOUNDARY NAILING (BN*) AT EDGES DIRECTLY OVER WALL PLATE. SEE SHT'G NOTE ON PLANS.
@ EXTERIOR SHEAR WALL:
ROOF SHEATHING TO BLOCKING - SEE ROOF SHT'G NOTE ON PLAN FOR BOUNDARY NAILING (BN*).
STAGGER EDGE NAILING (EN*)
FIELD NAILING (FN*) @ 12" OC
STAGGER EDGE NAILING (EN*)
PANELS RUN PERPENDICULAR TO FRAMING, STAGGERED.
PLAN VIEW

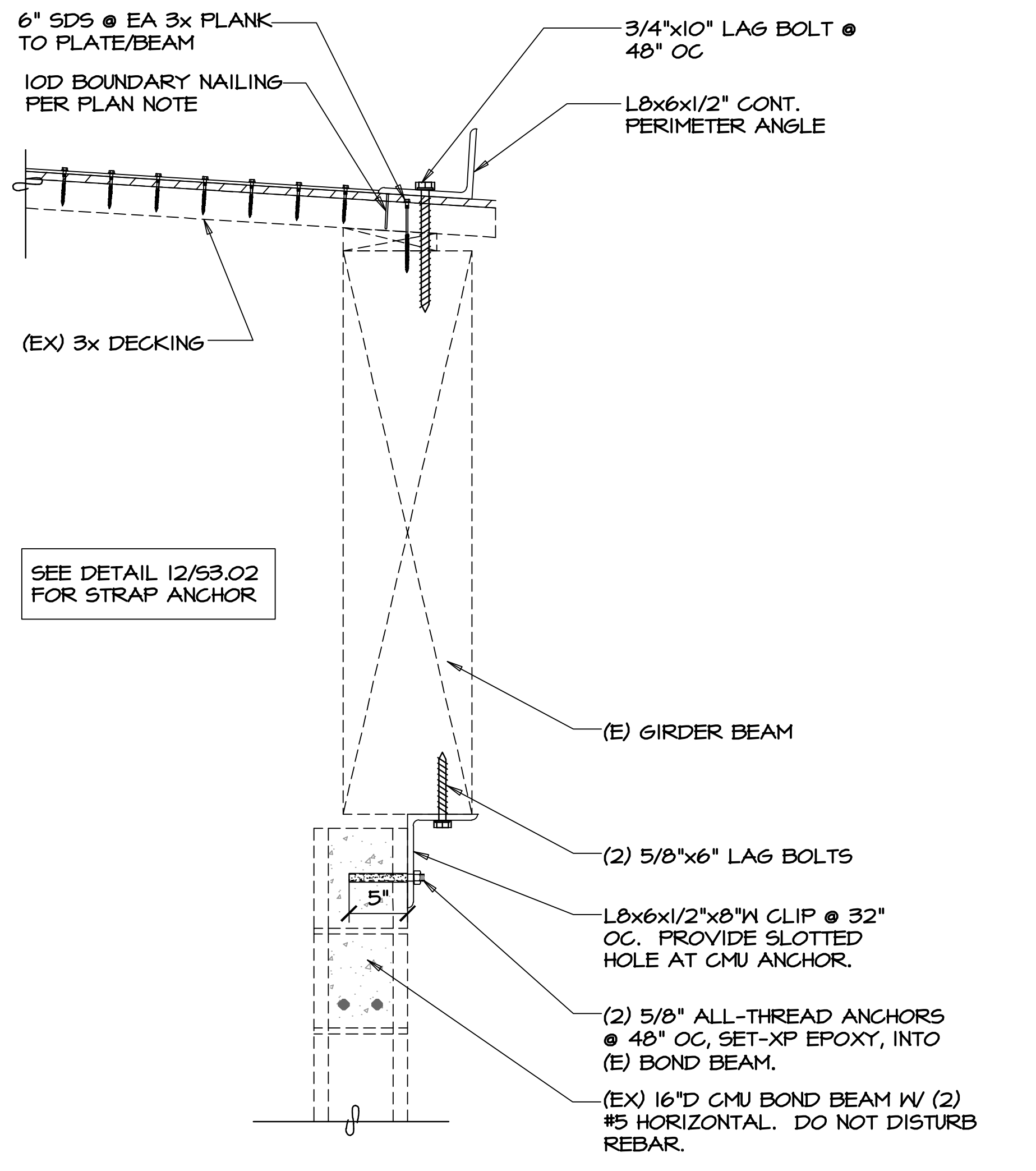
3 BLOCKED DIAPHRAGM

Scale: NTS


(2) ROWS 10D NAILING PER PLAN NOTE
4" SDS @ 12" OC EA SIDE OF (E) A.B.
(EX) 3x DECKING
(EX) PARIALLY GROUTED CMU WALL

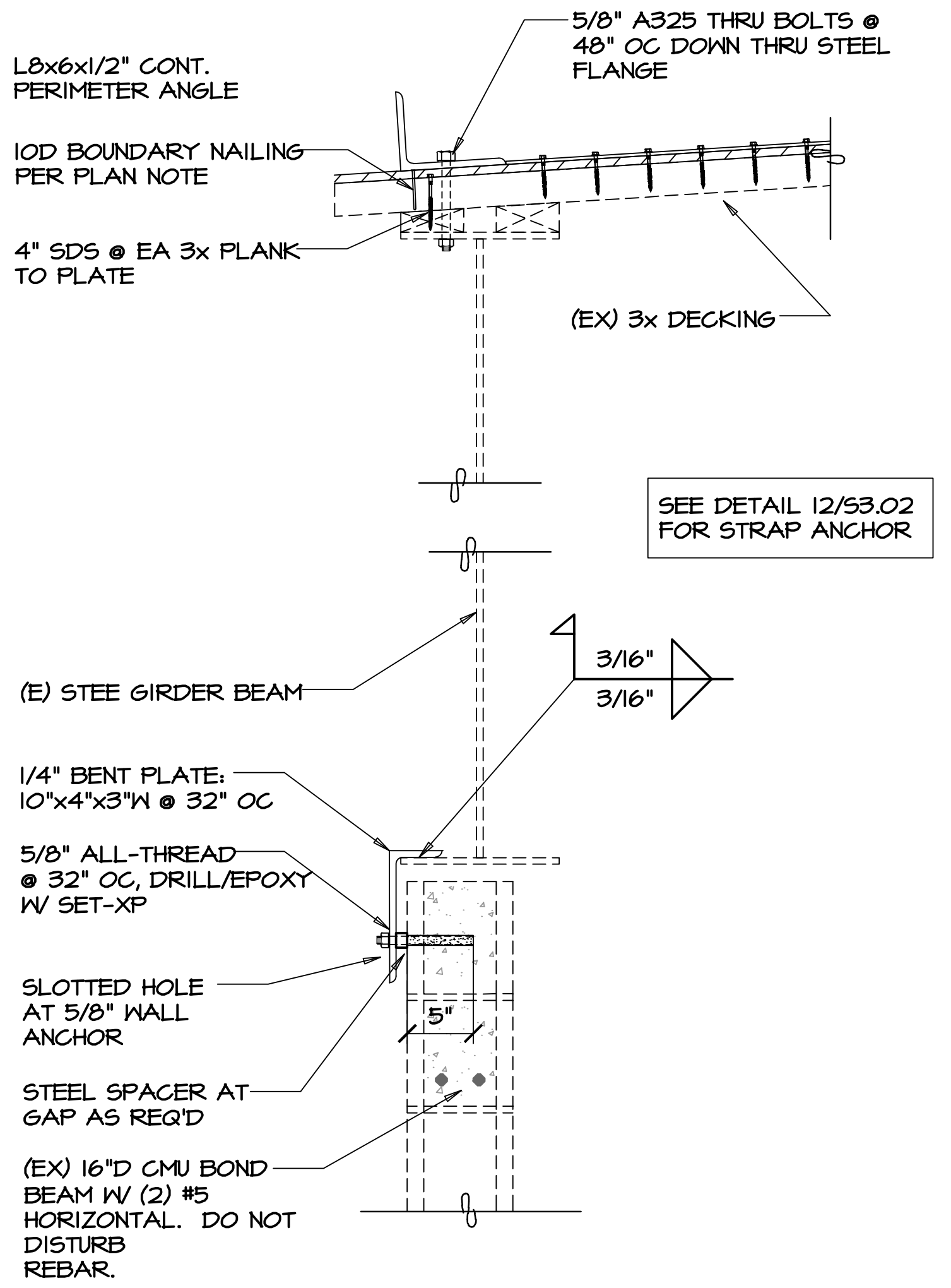
4 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


6" SDS @ EA 3x PLANK TO PLATE/BEAM
10D BOUNDARY NAILING PER PLAN NOTE
3/4"x10" LAG BOLT @ 48" OC
L8x6x1/2" CONT. PERIMETER ANGLE
(EX) 3x DECKING
SEE DETAIL 12/S3.02 FOR STRAP ANCHOR
(E) GIRDER BEAM
(2) 5/8"x6" LAG BOLTS
5"
L8x6x1/2"x8"W CLIP @ 32" OC. PROVIDE SLOTTED HOLE AT CMU ANCHOR.
(2) 5/8" ALL-THREAD ANCHORS @ 48" OC, SET-XP EPOXY, INTO (E) BOND BEAM.
(EX) 16"D CMU BOND BEAM W/ (2) #5 HORIZONTAL. DO NOT DISTURB REBAR.

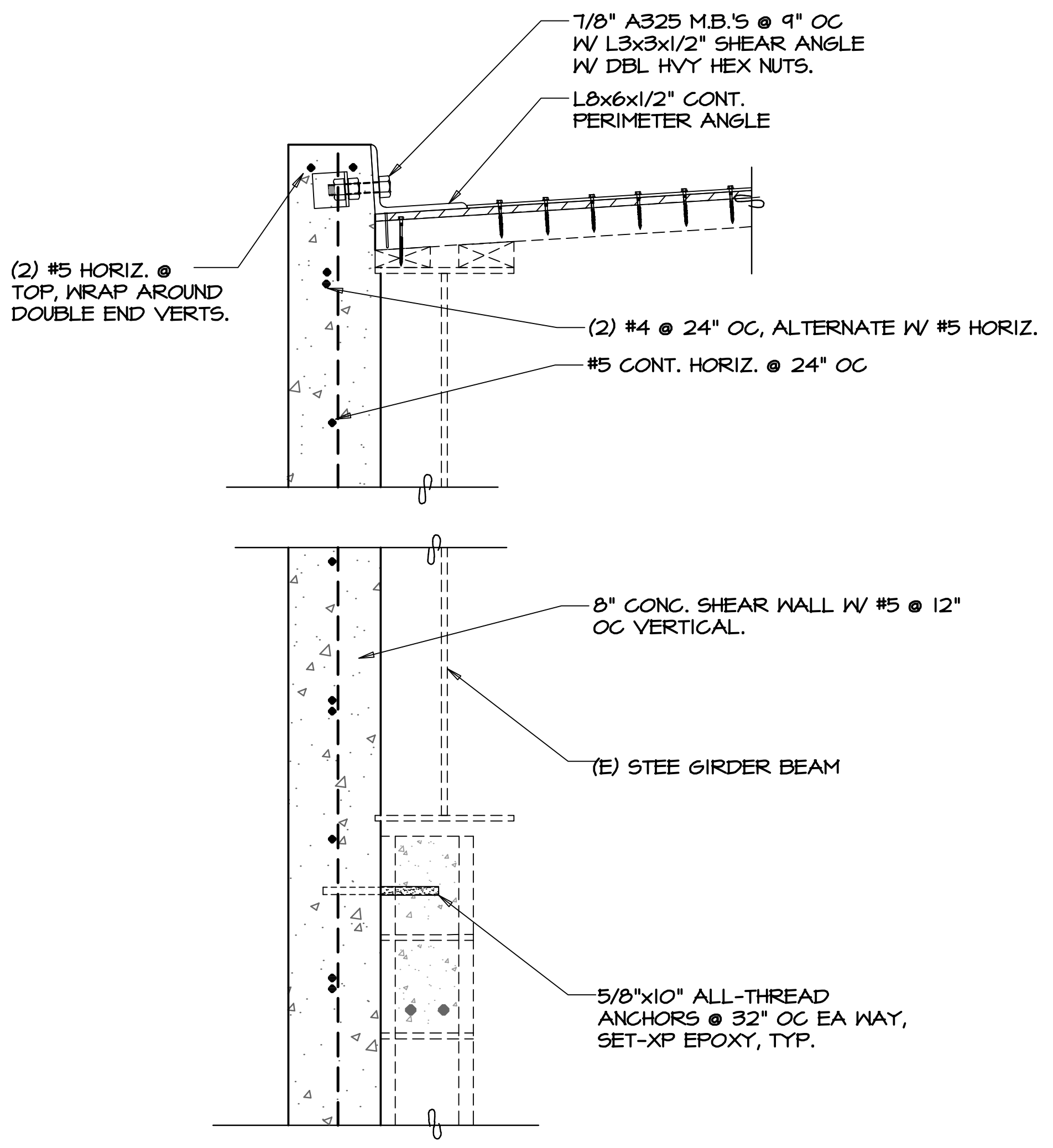
5 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


L8x6x1/2" CONT. PERIMETER ANGLE
5/8" A325 THRU BOLTS @ 48" OC DOWN THRU STEEL FLANGE
10D BOUNDARY NAILING PER PLAN NOTE
4" SDS @ EA 3x PLANK TO PLATE
(EX) 3x DECKING
SEE DETAIL 12/S3.02 FOR STRAP ANCHOR
(E) STEE GIRDER BEAM
3/16"
3/16"
1/4" BENT PLATE: 10"x4"x3"W @ 32" OC
5/8" ALL-THREAD @ 32" OC, DRILL/EPOXY W/ SET-XP
SLOTTED HOLE AT 5/8" WALL ANCHOR
5"
STEEL SPACER AT GAP AS REQ'D
(EX) 16"D CMU BOND BEAM W/ (2) #5 HORIZONTAL. DO NOT DISTURB REBAR.

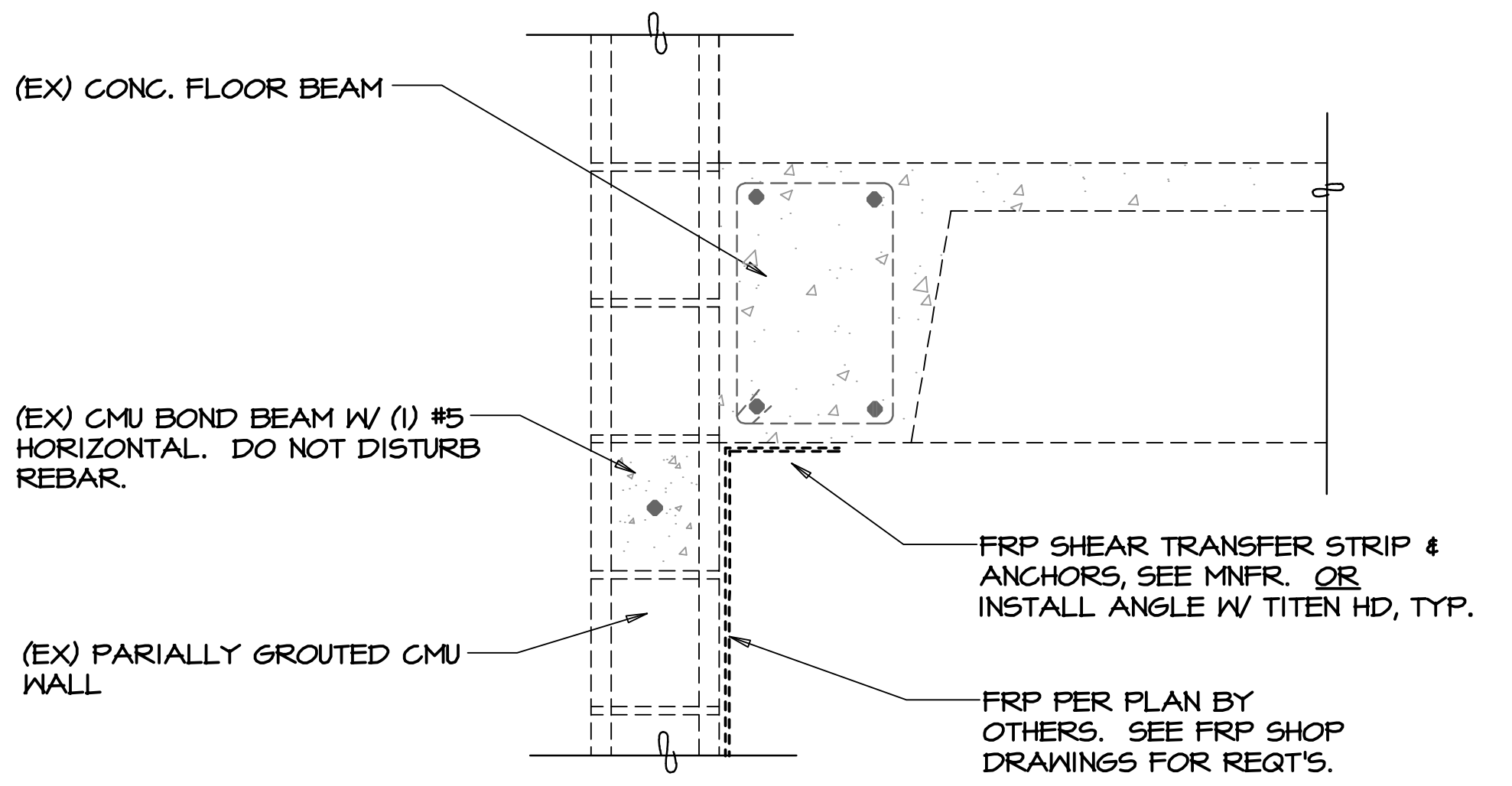
6 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


7/8" A325 M.B.'S @ 9" OC W/ L3x3x1/2" SHEAR ANGLE W/ DBL HVY HEX NUTS.
L8x6x1/2" CONT. PERIMETER ANGLE
(2) #5 HORIZ. @ TOP, WRAP AROUND DOUBLE END VERTS.
(2) #4 @ 24" OC, ALTERNATE W/ #5 HORIZ.
#5 CONT. HORIZ. @ 24" OC
8" CONC. SHEAR WALL W/ #5 @ 12" OC VERTICAL.
(E) STEE GIRDER BEAM
5/8"x10" ALL-THREAD ANCHORS @ 32" OC EA WAY, SET-XP EPOXY, TYP.

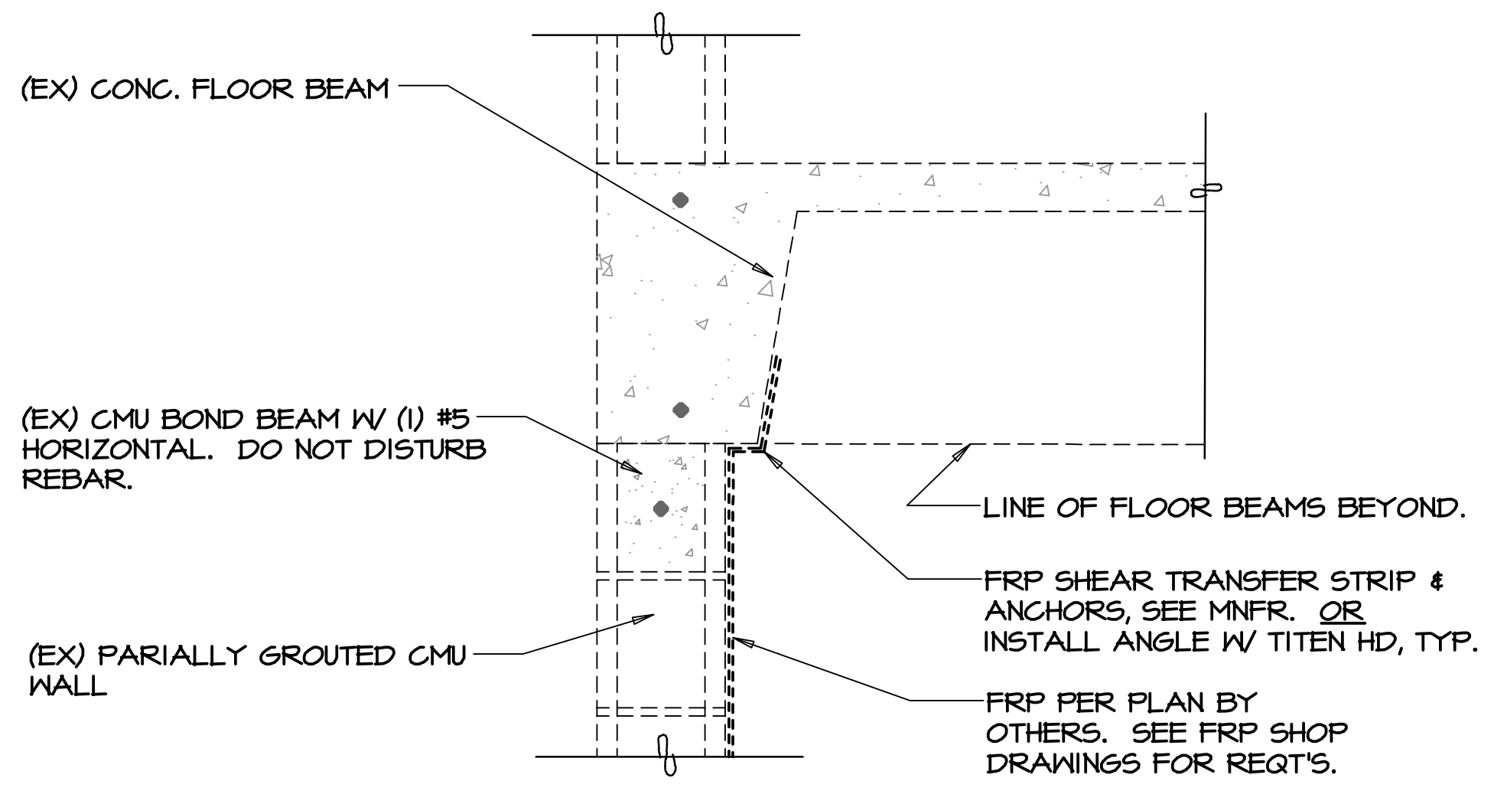
7 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


(EX) CONC. FLOOR BEAM
(EX) CMU BOND BEAM W/ (1) #5 HORIZONTAL. DO NOT DISTURB REBAR.
FRP SHEAR TRANSFER STRIP & ANCHORS, SEE MNFR. OR INSTALL ANGLE W/ TITEN HD, TYP.
(EX) PARIALLY GROUTED CMU WALL
FRP PER PLAN BY OTHERS. SEE FRP SHOP DRAWINGS FOR REQT'S.

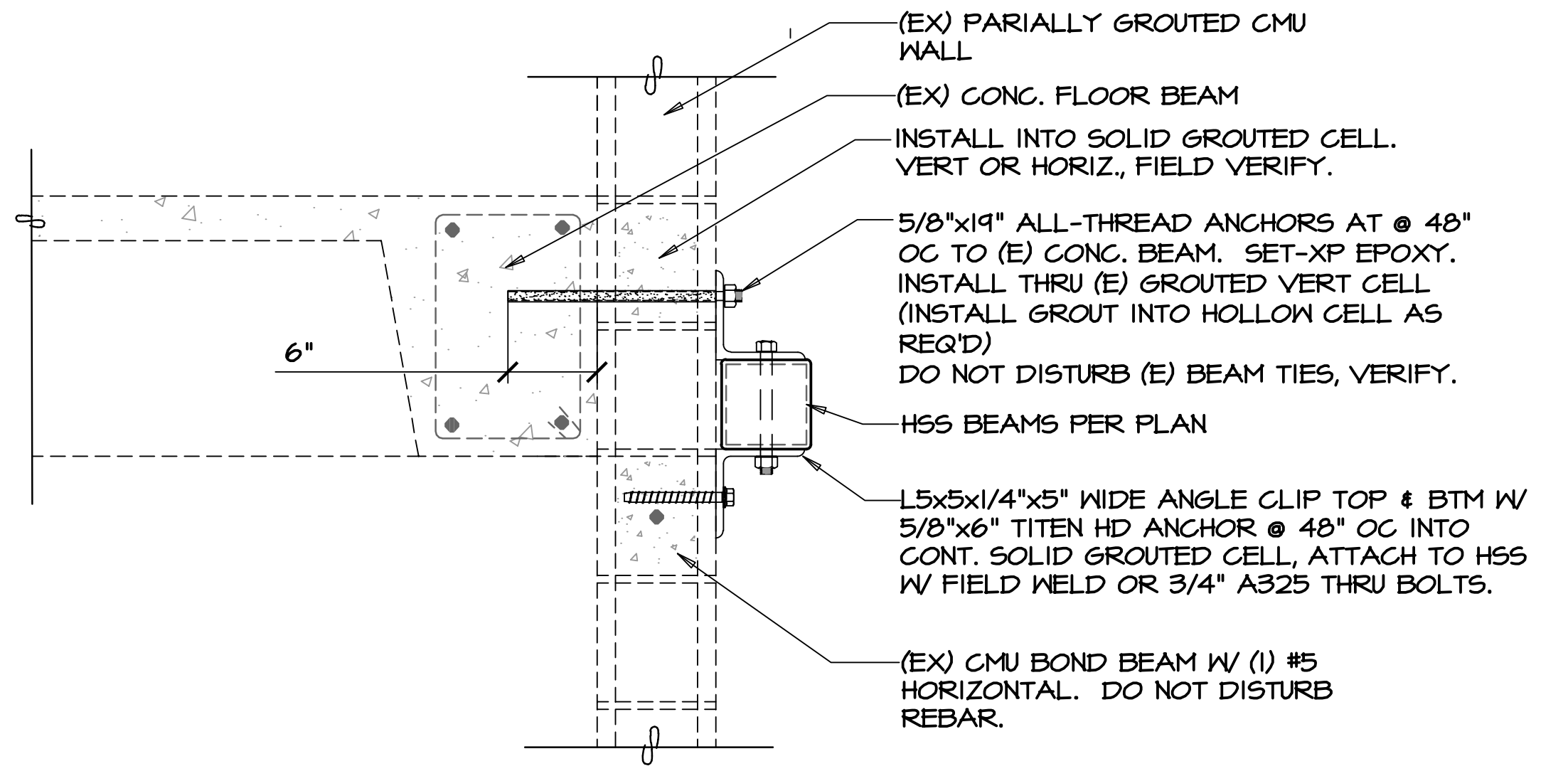
8 SHEAR TRANSFER DETAL

Scale: 1"=1'-0"


(EX) CONC. FLOOR BEAM
(EX) CMU BOND BEAM W/ (1) #5 HORIZONTAL. DO NOT DISTURB REBAR.
LINE OF FLOOR BEAMS BEYOND.
FRP SHEAR TRANSFER STRIP & ANCHORS, SEE MNFR. OR INSTALL ANGLE W/ TITEN HD, TYP.
(EX) PARIALLY GROUTED CMU WALL
FRP PER PLAN BY OTHERS. SEE FRP SHOP DRAWINGS FOR REQT'S.

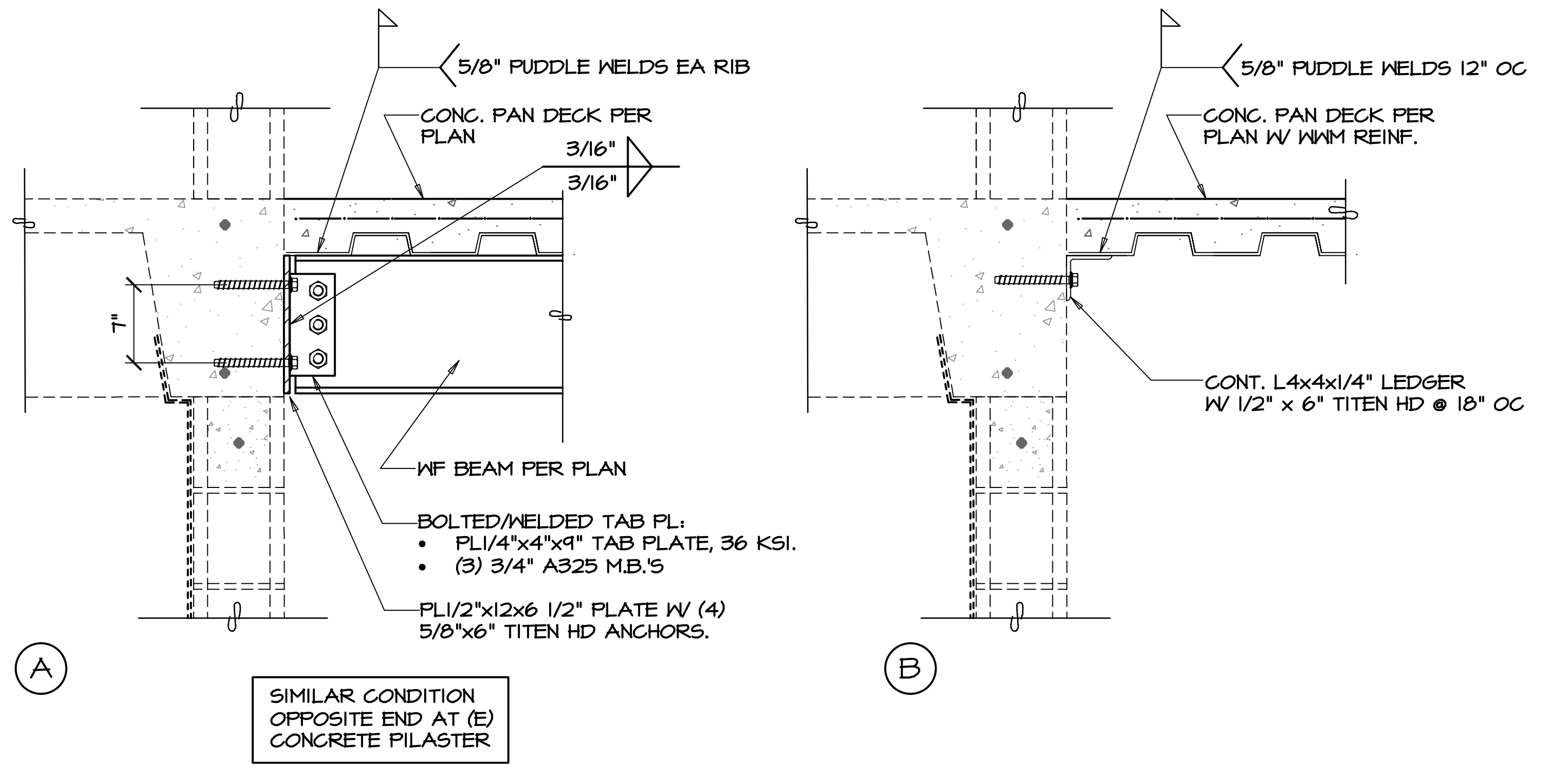
9 SHEAR TRANSFER DETAIL

Scale: 1"=1'-0"


(EX) PARIALLY GROUTED CMU WALL
(EX) CONC. FLOOR BEAM
INSTALL INTO SOLID GROUTED CELL. VERT OR HORIZ., FIELD VERIFY.
5/8"x19" ALL-THREAD ANCHORS AT @ 48" OC TO (E) CONC. BEAM. SET-XP EPOXY. INSTALL THRU (E) GROUTED VERT CELL (INSTALL GROUT INTO HOLLOW CELL AS REQ'D) DO NOT DISTURB (E) BEAM TIES, VERIFY.
6"
HSS BEAMS PER PLAN
L5x5x1/4"x5" WIDE ANGLE CLIP TOP & BTM W/ 5/8"x6" TITEN HD ANCHOR @ 48" OC INTO CONT. SOLID GROUTED CELL, ATTACH TO HSS W/ FIELD WELD OR 3/4" A325 THRU BOLTS.
(EX) CMU BOND BEAM W/ (1) #5 HORIZONTAL. DO NOT DISTURB REBAR.

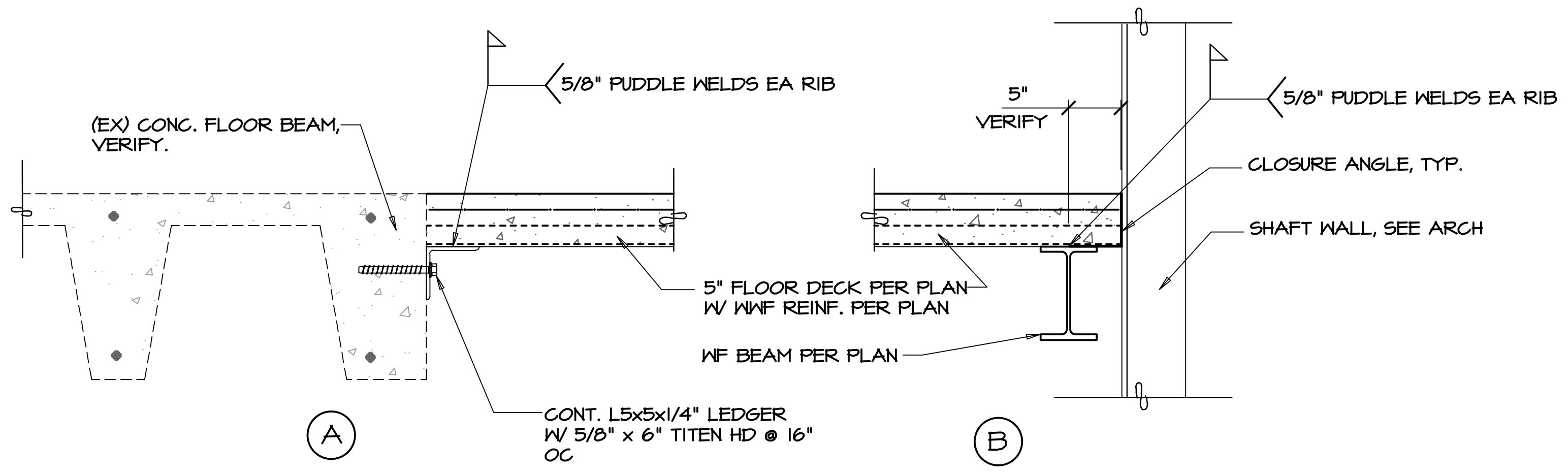
10 OUT OF PLANE RESTRAINT DETAIL

Scale: 1"=1'-0"


5/8" PUDDLE WELDS EA RIB
CONC. PAN DECK PER PLAN
3/16"
3/16"
7"
WF BEAM PER PLAN
BOLTED/WELDED TAB PL:
• PL1/4"x4"x9" TAB PLATE, 36 KSI.
• (3) 3/4" A325 M.B.'S
PL1/2"x12x6 1/2" PLATE W/ (4) 5/8"x6" TITEN HD ANCHORS.
A
SIMILAR CONDITION OPPOSITE END AT (E) CONCRETE PILASTER
5/8" PUDDLE WELDS 12" OC
CONC. PAN DECK PER PLAN W/ WWM REINF.
CONT. L4x4x1/4" LEDGER W/ 1/2" x 6" TITEN HD @ 18" OC
B

11 STEEL/PAN DECK DETAILS

Scale: 1"=1'-0"


5/8" PUDDLE WELDS EA RIB
(EX) CONC. FLOOR BEAM, VERIFY.
5" FLOOR DECK PER PLAN W/ WWF REINF. PER PLAN
WF BEAM PER PLAN
CONT. L5x5x1/4" LEDGER W/ 5/8" x 6" TITEN HD @ 16" OC
A
5" VERIFY
5/8" PUDDLE WELDS EA RIB
CLOSURE ANGLE, TYP.
SHAFT WALL, SEE ARCH
B

12 STEEL/PAN DECK DETAILS

Scale: 1"=1'-0"

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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BARBARA L. CIOTA
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Revisions

No.	Description	Date

Date	4/1/24
Job No.	23-078
Drawn By	CDH
Checked By	BC

100% CD

Date
4/1/24

Project Number
23-078

Drawing Title
STRUCTURAL DETAILS

Sheet No
S3.03

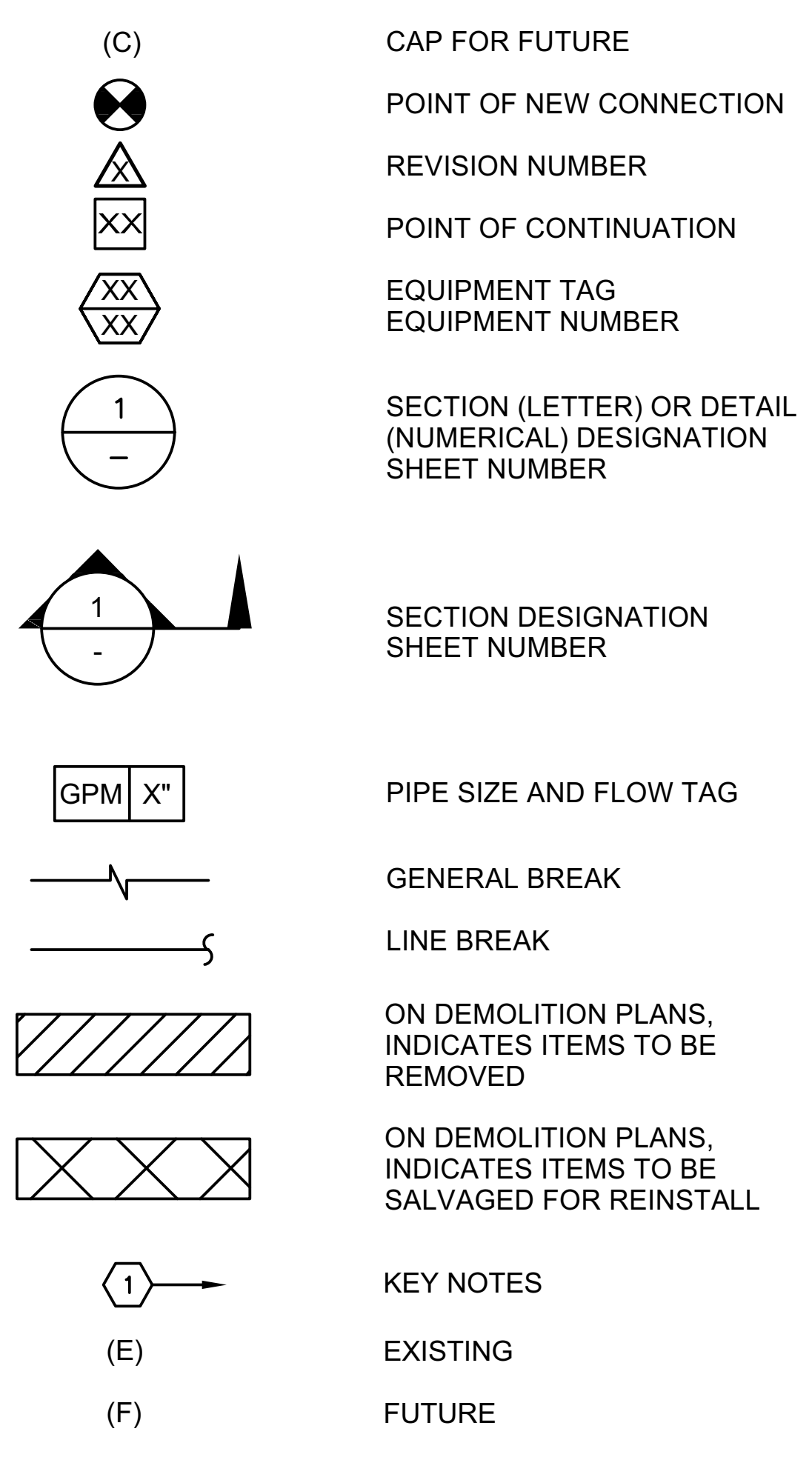
DRAWING LIST

1. PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO CONSTRUCT A COMPLETE, OPERATIONAL PLUMBING SYSTEM FOR THE ENTIRE PROJECT AS SHOWN ON THESE DRAWINGS, INCLUDING ALL NECESSARY FEES AND PERMITS.
2. THE ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED PLUMBING CODE, MECHANICAL CODE, BUILDING CODE AND ALL OTHER APPLICABLE CITY, COUNTY, AND STATE CODES AND REGULATIONS IN EFFECT AT THE DATE OF THE BID. CONFORM TO ANY CODES, RULES, REGULATIONS AND REQUIREMENTS THAT THE PROJECT OWNER HAS.
3. OBTAIN ALL INSPECTION APPROVALS ON HVAC WORK FROM REGULATING AGENCIES WHERE REQUIRED.
4. PRIOR TO FABRICATION AND INSTALLATION THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL DUCTWORK AND MECHANICAL PIPING WITH PLUMBING PIPING, EQUIPMENT, AND ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO THE PLUMBING CONTRACTOR, ELECTRICAL CONTRACTOR, FIRE PROTECTION CONTRACTOR, GENERAL CONTRACTOR, AND ANY CONTRACTOR HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.
5. THE DRAWINGS SHOW THE EXISTING SYSTEMS AS UNDERSTOOD BY THE ENGINEER BASED ON PARTIAL RECORD DOCUMENTS AND SITE VISITS. IT SHALL BE THE WORK OF THE CONTRACTOR TO MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT. MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES, OR MATERIAL REQUIRE PRIOR APPROVAL BY THE CONSULTING ENGINEER.
6. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
7. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES.
8. THE WORKING DRAWINGS ARE DIAGRAMMATIC. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR HVAC EQUIPMENT, PIPING, AND DUCTWORK SHALL BE CHECKED AND COORDINATED WITH THE ARCHITECTURAL, PLUMBING, STRUCTURAL AND ELECTRICAL DRAWINGS.
9. DETAILS: THE CONTRACTOR IS RESPONSIBLE TO REVIEW AND USE WHERE APPROPRIATE ALL OF THE PLUMBING DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE PLUMBING SYSTEM WITHOUT USING THE INCLUDED DETAILS IS THE RESPONSIBILITY OF THE CONTRACTOR.
10. THE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH.
11. THE STRUCTURE SHOWN ON ALL DETAILS MAY OR MAY NOT PERTAIN TO A PORTION OR ANY PORTION OF THE BUILDING. COORDINATE MOUNTING REQUIREMENTS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
12. ANY PART OF THIS INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
13. IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
14. EXISTING INTERIOR DUCTWORK, PIPING, AND EQUIPMENT HAS BEEN LOCATED IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL VERIFY LOCATIONS, POINTS OF CONNECTION, DUCT AND PIPE SIZES AND ROUTING THROUGH EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
15. THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT CHECK-IN, SAFEKEEPING, AND DAMAGE.
16. ALL OPENINGS FOR PIPING THROUGH FIRE-RATED ENCLOSURES SHALL BE CAULKED AS REQUIRED BY CODE TO MAINTAIN FIRE RATING.
17. ANY SHUT DOWNS REQUIRED TO CONNECT TO ALL ACTIVE DUCTWORK AND PIPING ARE TO BE COORDINATED WITH OWNER AND GC.
18. ALL VALVES CONCEALED IN CEILING OR WALLS SHALL BE PROVIDED WITH ACCESS PANELS. LOCATE ON "AS BUILT" DRAWINGS.
19. CONTRACTOR SHALL PROVIDE NEW INSULATION ON ALL NEW AND SALVAGED/REINSTALLED DUCTWORK AND PIPING.
20. ALL EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.
21. EQUIPMENT AND INSTALLATION SHALL MEET NATIONAL SANITATION FOUNDATION (NSF) STANDARDS, OR EQUIVALENT.
22. PROVIDE PROPER PROVISIONS FOR EXPANSION OR MOVEMENT OF ALL PIPING.
23. ALL PIPING SHALL BE SECURED BY DOUBLE NUTTING AT THE HANGER ROD ATTACHMENT TO THE STRUCTURE AND AT THE PIPE HANGER.
24. UPON COMPLETION OF THE WORK, REMOVE ALL SURPLUS MATERIALS AND RUBBISH. MAKE ALL REQUIRED PATCHING AND REPAIRS OF OTHER TRADES' WORK DAMAGED BY THIS CONTRACTOR, AND LEAVE THE PREMISES IN A CLEAN, ORDERLY CONDITION.
25. THE CONTRACTOR SHALL OPERATE THE SYSTEM AND DEMONSTRATE ALL ASPECTS TO THE ENGINEER AND/OR OWNER, TO PROVE ITS OPERATION.
26. THE CONTRACTOR SHALL GUARANTEE THE HVAC MODIFICATIONS FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
27. THE CONTRACTOR SHALL, DURING CONSTRUCTION, MAINTAIN A SET OF AS-BUILT REDLINED RECORD DRAWINGS AT THE PROJECT SITE. ALL CHANGES IN LAYOUT, ROUTING, EQUIPMENT, COMPONENTS, AND ACCESSORIES SHALL BE RECORDED. AS-BUILT REDLINE DRAWINGS SHALL CAPTURE BOTH CHANGES TO THE SYSTEMS INCLUDED IN THE SCOPE OF WORK AS WELL AS EXISTING CONDITIONS THAT DIFFER FROM WHAT IS SHOWN ON THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR CONVERTING THE CONSTRUCTION REDLINE DRAWINGS INTO “AS BUILT” DRAWINGS USING AUTOCAD BACKGROUNDS PROVIDED BY INSIGHT CONSULTING ENGINEERS. IF THE CONTRACTOR DOES NOT HAVE AUTOCAD DRAFTING CAPABILITIES, THE CONTRACTOR SHALL HIRE INSIGHT CONSULTING ENGINEERS TO PRODUCE THE “AS BUILT” DRAWINGS FROM HIS FIELD REDLINES. COMPLETED AUTOCAD “AS BUILTS” SHALL BE GIVEN TO THE ARCHITECT/ENGINEER AFTER THE FINAL INSPECTION.
28. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING CONDITIONS AND COORDINATE WITH THE ARCHITECT AND GENERAL CONTRACTOR AS REQUIRED TO ENSURE THAT THERE IS ADEQUATE SPACE FOR INSTALLATION AND SERVICE.
29. THE ENGINEER HAS MADE EVERY EFFORT TO VERIFY THAT PIPING AND DUCTWORK WILL FIT IN THE LOCATIONS SHOWN ON THE DRAWINGS. HOWEVER, THERE ARE LOCATIONS WHERE UNKNOWN CONDITIONS MAY EXIST WHICH PREVENT THE DESIGN INSTALLATION. IF PIPING OR DUCTWORK WILL NOT FIT IN THE SPACE AVAILABLE, NOTIFY THE ENGINEER.
30. FOR SYSTEM COMPONENTS CALLED OUT A DEMOLITION THE CONTRACTOR SHALL DEMOLISH DUCTWORK, HANGERS, AND MECHANICAL PIPING UP TO THE POINTS OF CONNECTION (POC) SHOWN ON THE DEMO AND NEW PLANS, AND PROVIDE TEMPORARY CAPS TO PROTECT EXISTING DUCTWORK AND PIPING TO REMAIN. FOR SYSTEM COMPONENTS CALLED OUT AS SALVAGED THE CONTRACTOR SHALL CAREFULLY REMOVE, PROTECT, STORE, AND REINSTALL DUCTWORK, AND MECHANICAL PIPING UP TO THE POINTS OF CONNECTION (POC) SHOWN ON THE DEMO AND NEW PLANS, AND PROVIDE TEMPORARY CAPS TO PROTECT EXISTING PIPING TO REMAIN. CONTRACTOR MAY (AT NO ADDITIONAL COST TO THE OWNER) CHOOSE TO DEMOLISH AND INSTALL NEW SYSTEM COMPONENTS IN LIEU OF SALVAGE, PROTECT, STORE, AND REINSTALL. PROVIDE HANGERS AND SUPPORTS AS REQUIRED BY OMSC AND OSSC.

DRAWING LIST

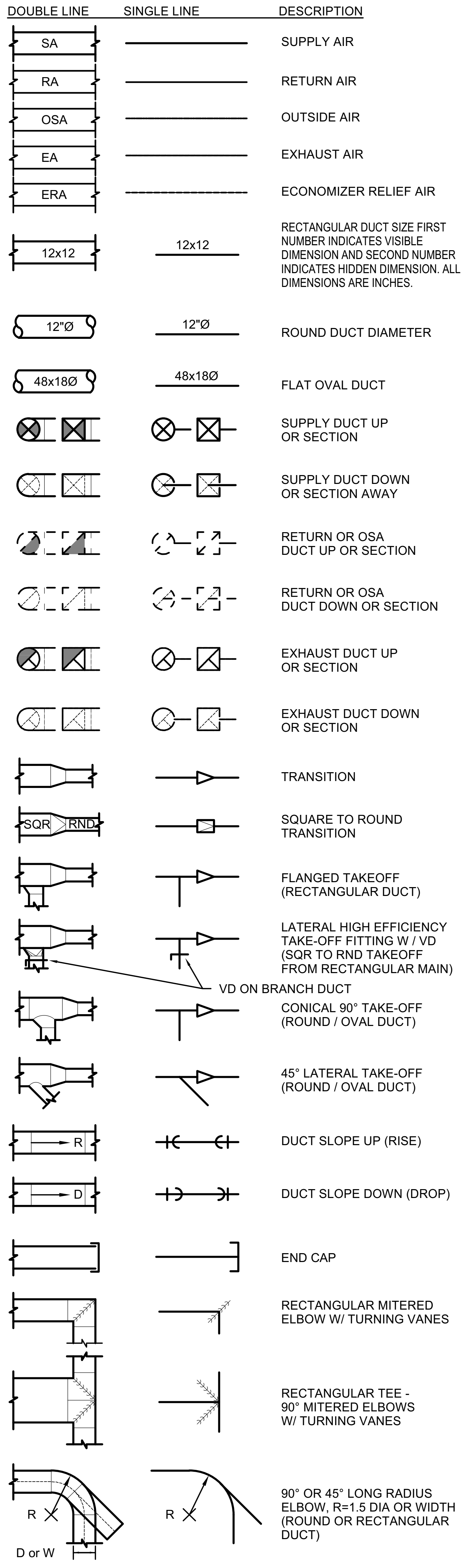
M2.00	MECHANICAL LEGEND
MD2.01	MECHANICAL DEMOLITION - LEVEL 1
MD2.02	MECHANICAL DEMOLITION - LEVEL 2
MD2.03	MECHANICAL DEMOLITION - LEVEL 3
MD2.04	MECHANICAL DEMOLITION - ROOF
M2.01	MECHANICAL PLAN - LEVEL 1
M2.02	MECHANICAL PLAN - LEVEL 2
M2.03	MECHANICAL PLAN - LEVEL 3
M2.04	MECHANICAL PLAN - ROOF
M4.01	MECHANICAL DETAILS

GENERAL SYMBOLS



(C)	CAP FOR FUTURE
	POINT OF NEW CONNECTION
X	REVISION NUMBER
XX	POINT OF CONTINUATION
XX XX	EQUIPMENT TAG EQUIPMENT NUMBER
1 –	SECTION (LETTER) OR DETAIL (NUMERICAL) DESIGNATION SHEET NUMBER
1 -	SECTION DESIGNATION SHEET NUMBER
GPM X"	PIPE SIZE AND FLOW TAG
	GENERAL BREAK
	LINE BREAK
	ON DEMOLITION PLANS, INDICATES ITEMS TO BE REMOVED
	ON DEMOLITION PLANS, INDICATES ITEMS TO BE SALVAGED FOR REINSTALL
1	KEY NOTES
(E)	EXISTING
(F)	FUTURE

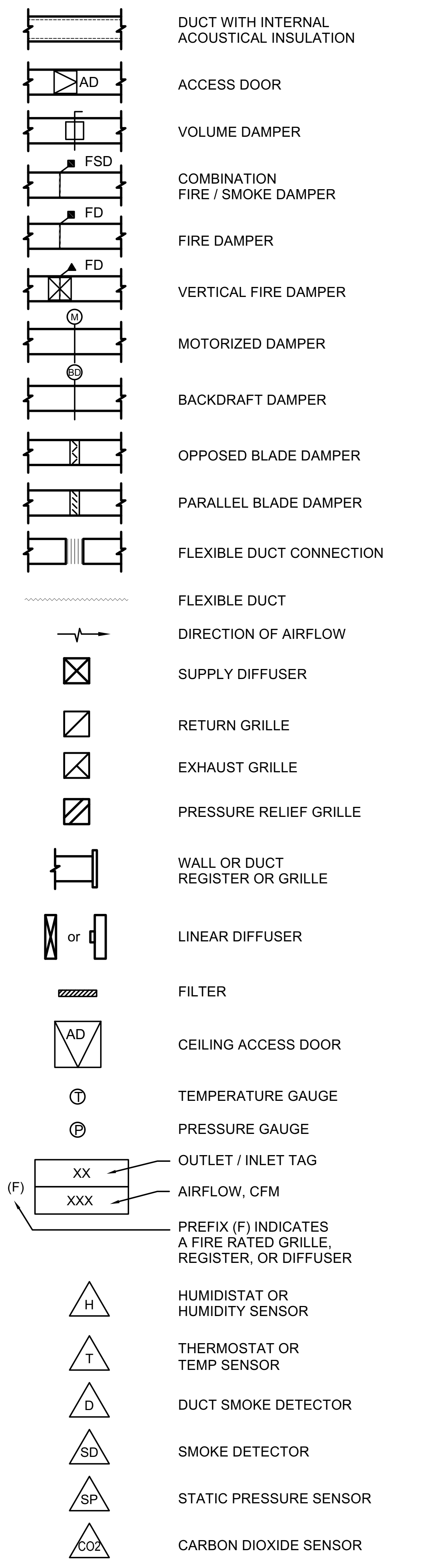
DUCT & FITTING SYMBOLS



DOUBLE LINE	SINGLE LINE	DESCRIPTION
SA		SUPPLY AIR
RA		RETURN AIR
OSA		OUTSIDE AIR
EA		EXHAUST AIR
ERA		ECONOMIZER RELIEF AIR
12x12	12x12	RECTANGULAR DUCT SIZE FIRST NUMBER INDICATES VISIBLE DIMENSION AND SECOND NUMBER INDICATES HIDDEN DIMENSION. ALL DIMENSIONS ARE INCHES.
12"Ø	12"Ø	ROUND DUCT DIAMETER
48x18Ø	48x18Ø	FLAT OVAL DUCT
		SUPPLY DUCT UP OR SECTION
		SUPPLY DUCT DOWN OR SECTION AWAY
		RETURN OR OSA DUCT UP OR SECTION
		RETURN OR OSA DUCT DOWN OR SECTION
		EXHAUST DUCT UP OR SECTION
		EXHAUST DUCT DOWN OR SECTION
		TRANSITION
SQR RND		SQUARE TO ROUND TRANSITION
		FLANGED TAKEOFF (RECTANGULAR DUCT)
		LATERAL HIGH EFFICIENCY TAKE-OFF FITTING W / VD (SQR TO RND TAKEOFF FROM RECTANGULAR MAIN)
		CONICAL 90° TAKE-OFF (ROUND / OVAL DUCT)
		45° LATERAL TAKE-OFF (ROUND / OVAL DUCT)
R		DUCT SLOPE UP (RISE)
D		DUCT SLOPE DOWN (DROP)
		END CAP
		RECTANGULAR MITERED ELBOW W/ TURNING VANES
		RECTANGULAR TEE - 90° MITERED ELBOWS W/ TURNING VANES
R D or W	R	90° OR 45° LONG RADIUS ELBOW, R=1.5 DIA OR WIDTH (ROUND OR RECTANGULAR DUCT)

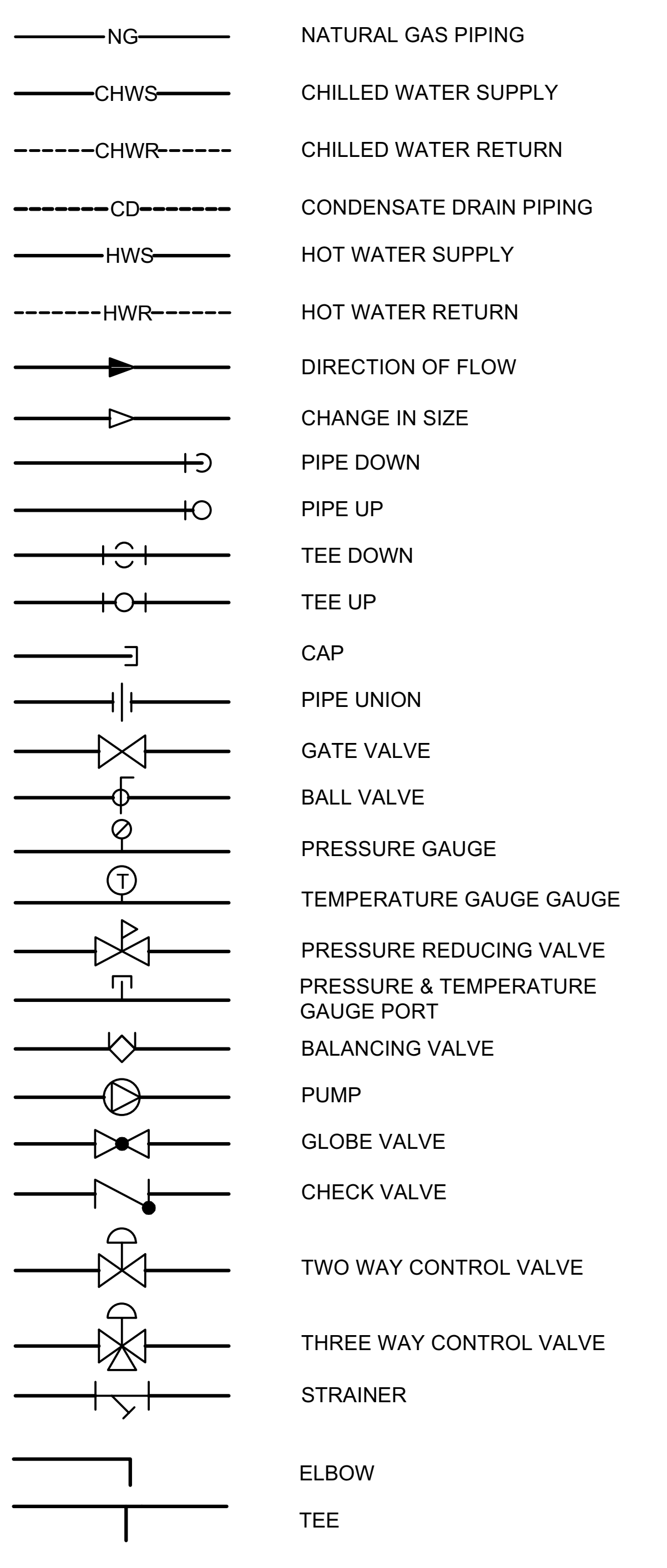
VD ON BRANCH DUCT

HVAC SYMBOLS & ABBREVIATIONS



	DUCT WITH INTERNAL ACOUSTICAL INSULATION
AD	ACCESS DOOR
	VOLUME DAMPER
FSD	COMBINATION FIRE / SMOKE DAMPER
FD	FIRE DAMPER
FD	VERTICAL FIRE DAMPER
M	MOTORIZED DAMPER
BD	BACKDRAFT DAMPER
	OPPOSED BLADE DAMPER
	PARALLEL BLADE DAMPER
	FLEXIBLE DUCT CONNECTION
	FLEXIBLE DUCT
	DIRECTION OF AIRFLOW
	SUPPLY DIFFUSER
	RETURN GRILLE
	EXHAUST GRILLE
	PRESSURE RELIEF GRILLE
	WALL OR DUCT REGISTER OR GRILLE
or	LINEAR DIFFUSER
	FILTER
AD	CEILING ACCESS DOOR
T	TEMPERATURE GAUGE
P	PRESSURE GAUGE
XX	OUTLET / INLET TAG
XXX	AIRFLOW, CFM
(F)	PREFIX (F) INDICATES A FIRE RATED GRILLE, REGISTER, OR DIFFUSER
H	HUMIDISTAT OR HUMIDITY SENSOR
T	THERMOSTAT OR TEMP SENSOR
D	DUCT SMOKE DETECTOR
SD	SMOKE DETECTOR
SP	STATIC PRESSURE SENSOR
CO2	CARBON DIOXIDE SENSOR

HYDRONIC PIPING SYMBOLS



NG	NATURAL GAS PIPING
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
CD	CONDENSATE DRAIN PIPING
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
	DIRECTION OF FLOW
	CHANGE IN SIZE
	PIPE DOWN
	PIPE UP
	TEE DOWN
	TEE UP
	CAP
	PIPE UNION
	GATE VALVE
	BALL VALVE
	PRESSURE GAUGE
T	TEMPERATURE GAUGE GAUGE
	PRESSURE REDUCING VALVE
	PRESSURE & TEMPERATURE GAUGE PORT
	BALANCING VALVE
	PUMP
	GLOBE VALVE
	CHECK VALVE
	TWO WAY CONTROL VALVE
	THREE WAY CONTROL VALVE
	STRAINER
	ELBOW
	TEE

HVAC ABBREVIATIONS

ACFM	ACTUAL AIR - CUBIC FEET PER MINUTE
ACH	AIR CHANGES PER HOUR
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
AL	ALUMINUM
AP	ACCESS PANEL
ARCH	ARCHITECT OR ARCHITECTURAL
ATD	AIR TRANSFER DUCT
BD	BACKDRAFT DAMPER
BLDG	BUILDING
BM	BEAM
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STEEL
BTU	BRITISH THERMAL UNIT
CDV	CLOTHES DRYER VENT
CFCI	CONTRACTOR FURNISHED CONTRACTOR
INSTALLED	
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CONSTR	CONSTRUCTION
CV	CONSTRAINT VOLUME
DB	DRY BULB
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
DX	DIRECT EXPANSION (REFRIGERATION)
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION
ERA	ECONOMIZER RELIEF AIR
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
°F	FAHRENHEIT
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FLR	FLOOR
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPM	FEET PER MINUTE
FSD	COMBINATION FIRE / SMOKE DAMPER
GALV	GALVANIZED STEEL
GC	GENERAL CONTRACTOR
GM	GAS METER
GPM	GALLONS PER MINUTE
GRD	GRILLES, REGISTERS, DIFFUSERS
H	HUMIDISTAT
HDPE	HIGH-DENSITY POLYETHYLENE
HEPA	HIGH EFFICIENCY PARTICULATE AIR
HP	MOTOR HORSEPOWER
HVAC	HEATING, VENTING, AND CONDITIONING
HPW	HEAT PUMP WATER
HPWR	HEAT PUMP WATER RETURN
HPWS	HEAT PUMP WATER SUPPLY
HWR	HEATING HOT WATER RETURN
HWS	HEATING HOT WATER SUPPLY
LB(S)	POUND, POUNDS
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MA	MIXED AIR
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT CAPACITY
MECH	MECHANICAL
MFR	MANUFACTURER
MFS	MAXIMUM FUSE SIZE
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
NC	NORMALLY CLOSED
NG	NATURAL GAS
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OA or OSA	OUTSIDE AIR
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OMSC	2019 OREGON MECHANICAL SPECIALTY CODE
OSSC	2019 OREGON STRUCTURAL SPECIALTY CODE
PBD	PARALLEL BLADE DAMPER
PD	PRESSURE DRIP
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE / TEMPERATURE PLUG
PVC	POLYVINYL CHLORIDE
RA	RETURN AIR
RECT	RECTANGULAR
RPM	REVOLUTIONS PER MINUTE
REQ'D	REQUIRED
SA	SUPPLY AIR
SCFM	STANDARD AIR - CUBIC FEET PER MINUTE
SEC	SECTION
SF or SQ FT	SQUARE FEET
SIM	SIMILAR
SM	SHEET METAL
SMACNA	SHEET METAL AND AIR CONDITIONING
CONTRACTORS	NATIONAL ASSOCIATION
SP	STATIC PRESSURE
SPEC	SPECIFICATION OR SPECIFIED
SS	STAINLESS STEEL
STD	STANDARD
T	THERMOSTAT
TA	TRANSFER AIR
TC	TEMPERATURE CONTROLS
TEMP	TEMPERATURE
TOS	TOP OF STEEL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB
W/	WITH
WG	WATER GAUGE

RELIEF HOOD SCHEDULE

TAG	TYPE	CURB SIZE	MFGR	MODEL	CFM	SP(IN.WG)	NOTES
RE-1	EXHAUST	56"x40"	GREENHECK	FGR	96800	0.3	1, 2
RE-2	EXHAUST	46"X46"	GREENHECK	FGR	96800	0.3	1, 2
NOTES:	1. PROVIDE WITH BIRD SCREEN						
NOTES:	2. EXISTING CURB AND MOTORIZED DAMPER SHALL REMAIN						

LOUVER SCHEDULE

TAG	TYPE	INLET SIZE	MFGR	MODEL	NOTES
L-1	EXHAUST	24X24	EXISTING TO REMAIN		
L-2	EXHAUST	24X24	EXISTING TO REMAIN		
L-3	EXHAUST	24X24	GREENHECK	ESD-635	1
NOTES:	1. PROVIDE WITH BIRD SCREEN AND MOTORIZED DAMPER.				

RADIANT HEATER SCHEDULE

TAG	LOCATION	UNIT					DIMENSIONS			HIGH FAN SPEED						LOW FAN SPEED						MOTOR DATA				NOTES
		MFG	MODEL	W	MOUNTING	WEIGHT	DEPTH	HEIGHT	LENGTH	BTUH	AIRFLOW	FINAL AIR T	WATER FLOW	WATER T DROP	WATER P DROP	BTUH	AIRFLOW	FINAL AIR T	WATER FLOW	WATER T DROP	WATER P DROP	HP	RPM	V/HZ/PH	AMPS	
RH-1	NORTH MAIN ENTRANCE	MODINE	C00898ALLL110H00	FRONT	FLOOR	170	12	28	71.75	54430	586	146	5.7	20	1.2	41136	379	160	5.7	15.1	1.2	0.4	1625/625	115/60/1	10	1, 2
RH-2	SOUTH MAIN ENTRANCE	MODINE	C00898ALLL110H00	FRONT	FLOOR	170	12	28	61.75	54430	586	146	5.7	20	1.2	41136	379	160	5.7	15.1	1.2	0.4	1625/625	115/60/1	10	1, 2
NOTES:	1. 2-COIL UNIT WITH DISCONNECT SWITCH																									
	2. TEMPERATURE AND BTUS BASED ON WATER TEMPERATURE 200 DEG F AND AIR TEMP 60 DEG F																									

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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Revisions
No. Description Date

Date 04/01/24
Job No.
Drawn By AEL
Checked By AMM

100% CD

Date
04/01/2024

Project Number

Drawing Title
MECHANICAL
LEGEND

Sheet No
M2.00

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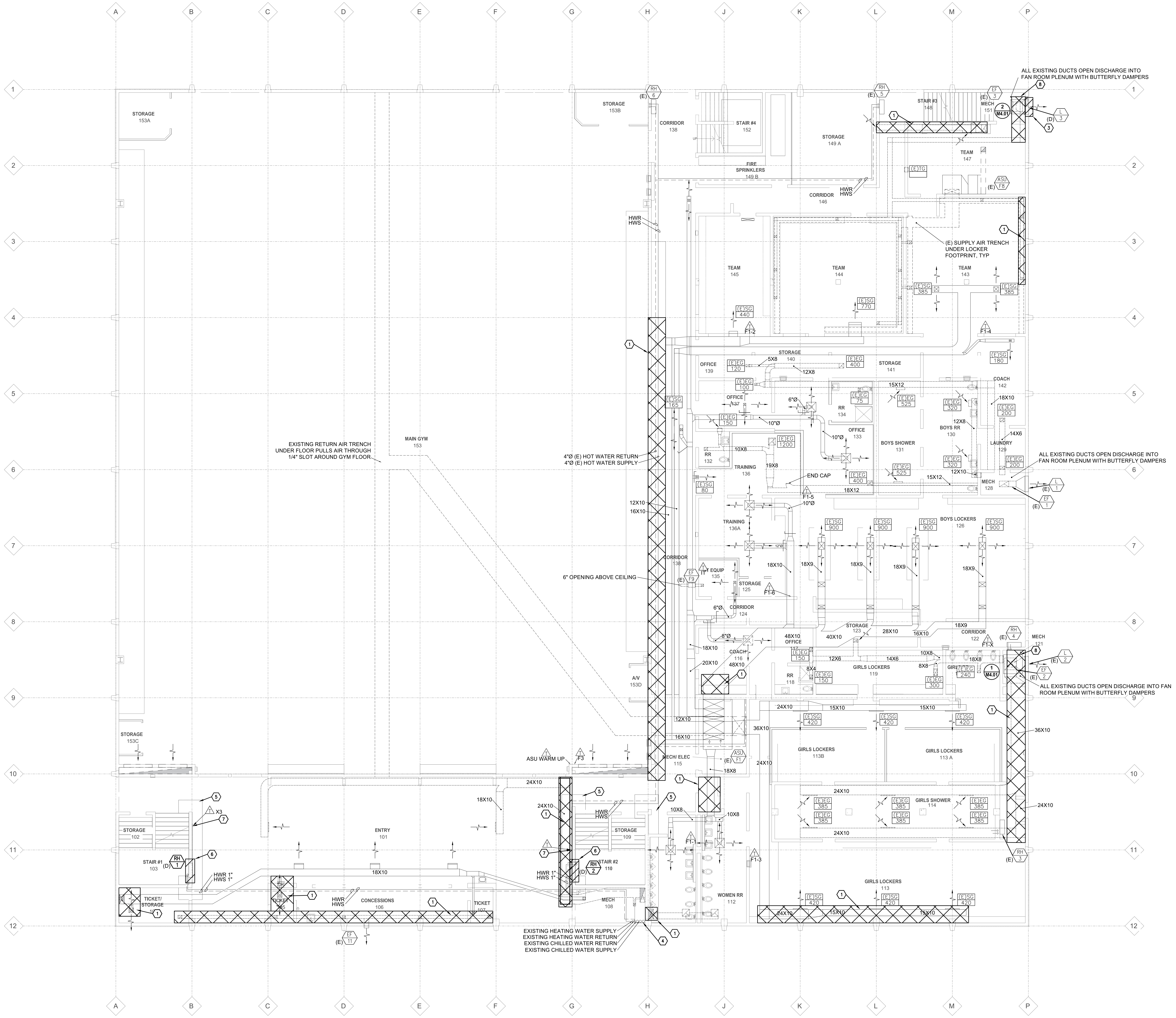

1 MECHANICAL DEMOLITION PLAN - LEVEL 1

1/8" = 1'-0"

NORTH

SHEET NOTES

A. ALL DUCTWORK AND EQUIPMENT SHOWN IN THIS PLAN ARE EXISTING.

B. SEE SHEET MD2.02 FOR CONTINUATION ABOVE.

C. DUCTWORK AND GRILLES CALLED OUT AS "SALVAGED" SHALL BE STORED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. TEMPORARILY SEAL EXPOSED ENDS OF SALVAGED DUCTS AND DUCTS TO REMAIN TO PROTECT FROM CONSTRUCTION DEBRIS.

D. AS-BUILT INFORMATION BASED UPON BEST POSSIBLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY PRIOR TO STARTING WORK.

E. NOT ALL EXISTING SYSTEMS ARE SHOWN. SYSTEMS SHOWN TO THE EXTENT NECESSARY TO COMMUNICATE PROJECT REQUIREMENTS. NOT ALL DUCT SIZES SHOWN DUE TO LACK OF RECORD DOCUMENTS.

KEY NOTES

1. SALVAGE EXISTING DUCT/GRILLES AND HYDRONIC PIPING IN AREAS OF SEISMIC WORK. DEMOLISH EXISTING DUCT AND PIPE INSULATION.
2. PROTECT EXISTING DUCT THROUGH NEW SHEAR WALL.
3. DEMOLISH EXISTING LOUVERS IN SHEARWALL. SEE SHEET M2.01.
4. PROTECT EXISTING HYDRONIC PIPING DURING FLOOR DEMO.
5. FLOOR DEMO BY OTHERS IN PREPARATION FOR NEW FOOTINGS AND FLOORING BY OTHERS.
6. REMOVE EXISTING HYDRONIC WALL HEATERS FOR SEISMIC WORK. DEMO HEATING HOT WATER PIPING UP TO JOINT IN CEILING AND CAP TO KEEP CLEAN DURING DEMO AND SEISMIC WORK FOR CONNECTION WITH REPLACEMENT UNIT HYDRONIC HEATERS AS SHOWN ON SHEET M2.01.
7. SALVAGE THERMOSTATS/CONTROLLERS IN THIS LOCATION. PROTECT COMMUNICATIONS CABLING DURING CONSTRUCTION.
8. IN SMALL MECHANICAL ROOMS SALVAGE ONLY THE DUCTS INSTALLED TIGHT TO THE STRUCTURE. THE REMAINING DUCTS AND FANS SHALL REMAIN.

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NOV. 12, 2019
AARON M. MUELLER
EXPIRES: 12/31/24

Project

NORTH MEDFORD HIGH SCHOOL GYM SEISMIC UPGRADES
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Revisions

No.	Description	Date

Date 04/01/24
Job No.
Drawn By AEL
Checked By AMM

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Date
04/01/2024

Project Number

Drawing Title
MECHANICAL DEMOLITION - LEVEL 1

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MD2.01

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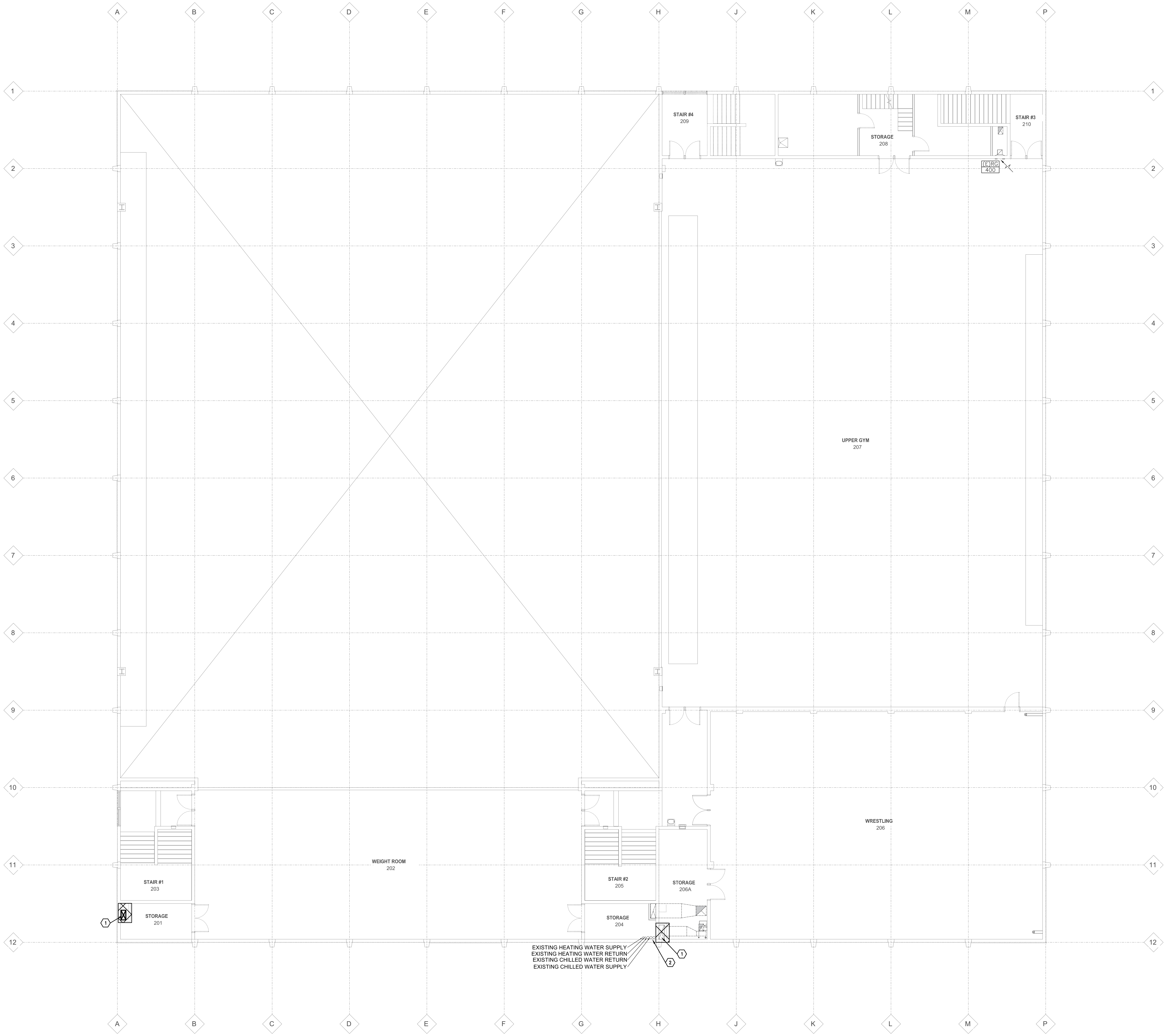

1 MECHANICAL DEMOLITION PLAN - LEVEL 2

1/8" = 1'-0"

NORTH

SHEET NOTES

A. ALL DUCTWORK AND EQUIPMENT SHOWN IN THIS PLAN ARE EXISTING.

B. SEE SHEET MD2.01 FOR CONTINUATION BELOW AND SHEET MD2.03 FOR CONTINUATION ABOVE.

C. DUCTWORK AND GRILLES CALLED OUT AS "SALVAGED" SHALL BE STORED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. TEMPORARILY SEAL EXPOSED ENDS OF SALVAGED DUCTS AND DUCTS TO REMAIN TO PROTECT FROM CONSTRUCTION DEBRIS.

D. AS-BUILT LOCATIONS BASED UPON BEST POSSIBLE INFORMATION. CONTRACTOR REQUIRED TO FIELD VERIFY PRIOR TO STARTING WORK.

KEY NOTES

1. SALVAGE EXISTING DUCT THROUGH THE SECOND-FLOOR FLOOR TO ACCOMMODATE FIRST-FLOOR SEISMIC WORK.

2. PROTECT EXISTING HYDRONIC PIPING DURING SEISMIC WORK BELOW FLOOR.

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Drawing Title
MECHANICAL DEMOLITION - LEVEL 2

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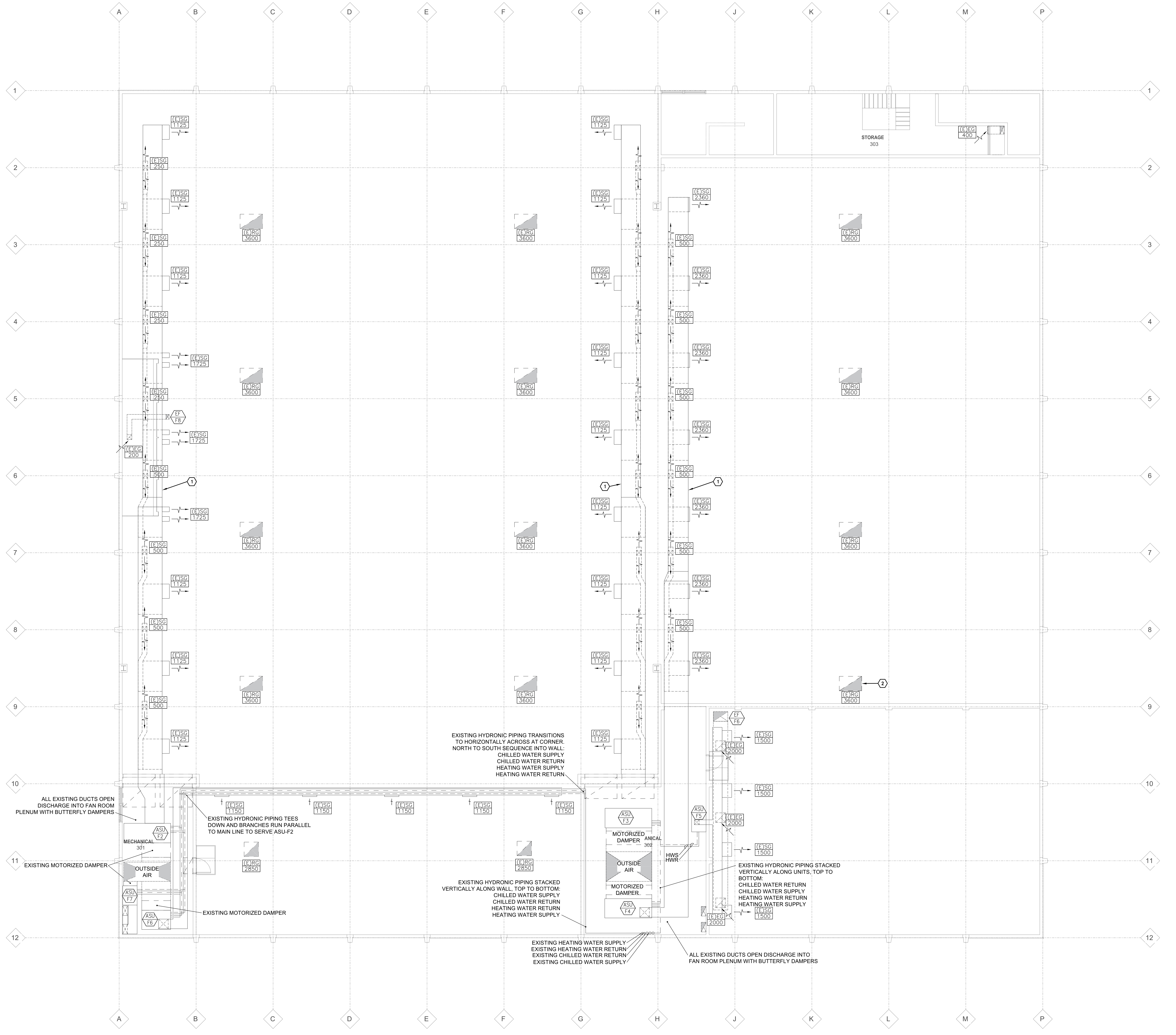

EXISTING HYDRONIC PIPING TRANSITIONS
TO HORIZONTALLY ACROSS AT CORNER.
NORTH TO SOUTH SEQUENCE INTO WALL:
CHILLED WATER SUPPLY
CHILLED WATER RETURN
HEATING WATER SUPPLY
HEATING WATER RETURN

ALL EXISTING DUCTS OPEN
DISCHARGE INTO FAN ROOM
PLENUM WITH BUTTERFLY DAMPERS

EXISTING HYDRONIC PIPING TEES
DOWN AND BRANCHES RUN PARALLEL
TO MAIN LINE TO SERVE ASU-F2

EXISTING MOTORIZED DAMPER

EXISTING MOTORIZED DAMPER

EXISTING HYDRONIC PIPING STACKED
VERTICALLY ALONG WALL, TOP TO BOTTOM:
CHILLED WATER SUPPLY
CHILLED WATER RETURN
HEATING WATER RETURN
HEATING WATER SUPPLY

EXISTING HYDRONIC PIPING STACKED
VERTICALLY ALONG UNITS, TOP TO
BOTTOM:
CHILLED WATER RETURN
CHILLED WATER SUPPLY
HEATING WATER RETURN
HEATING WATER SUPPLY

EXISTING HEATING WATER SUPPLY
EXISTING HEATING WATER RETURN
EXISTING CHILLED WATER RETURN
EXISTING CHILLED WATER SUPPLY

ALL EXISTING DUCTS OPEN DISCHARGE INTO
FAN ROOM PLENUM WITH BUTTERFLY DAMPERS

1 MECHANICAL DEMOLITION PLAN - LEVEL 3

1/8" = 1'-0"

NORTH

SHEET NOTES

A. ALL DUCTWORK AND EQUIPMENT SHOWN IN THIS PLAN ARE EXISTING.

B. SEE SHEET MD2.02 FOR CONTINUATION BELOW AND SHEET MD2.04 FOR CONTINUATION ABOVE.

C. DUCTWORK AND GRILLES CALLED OUT AS "SALVAGED" SHALL BE STORED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. TEMPORARILY SEAL EXPOSED ENDS OF SALVAGED DUCTS AND DUCTS TO REMAIN TO PROTECT FROM CONSTRUCTION DEBRIS.

D. AS-BUILT LOCATIONS BASED UPON BEST POSSIBLE INFORMATION. CONTRACTOR REQUIRED TO FIELD VERIFY PRIOR TO STARTING WORK.

KEY NOTES

1. DUCTS IN SOFFITS SHALL REMAIN.
2. PROTECT EXISTING RELIEF OPENINGS IN GYM CEILING.

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Date	**04/01/24**
Job No.	
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Drawing Title
MECHANICAL
DEMOLITION -
LEVEL 3

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MD2.03

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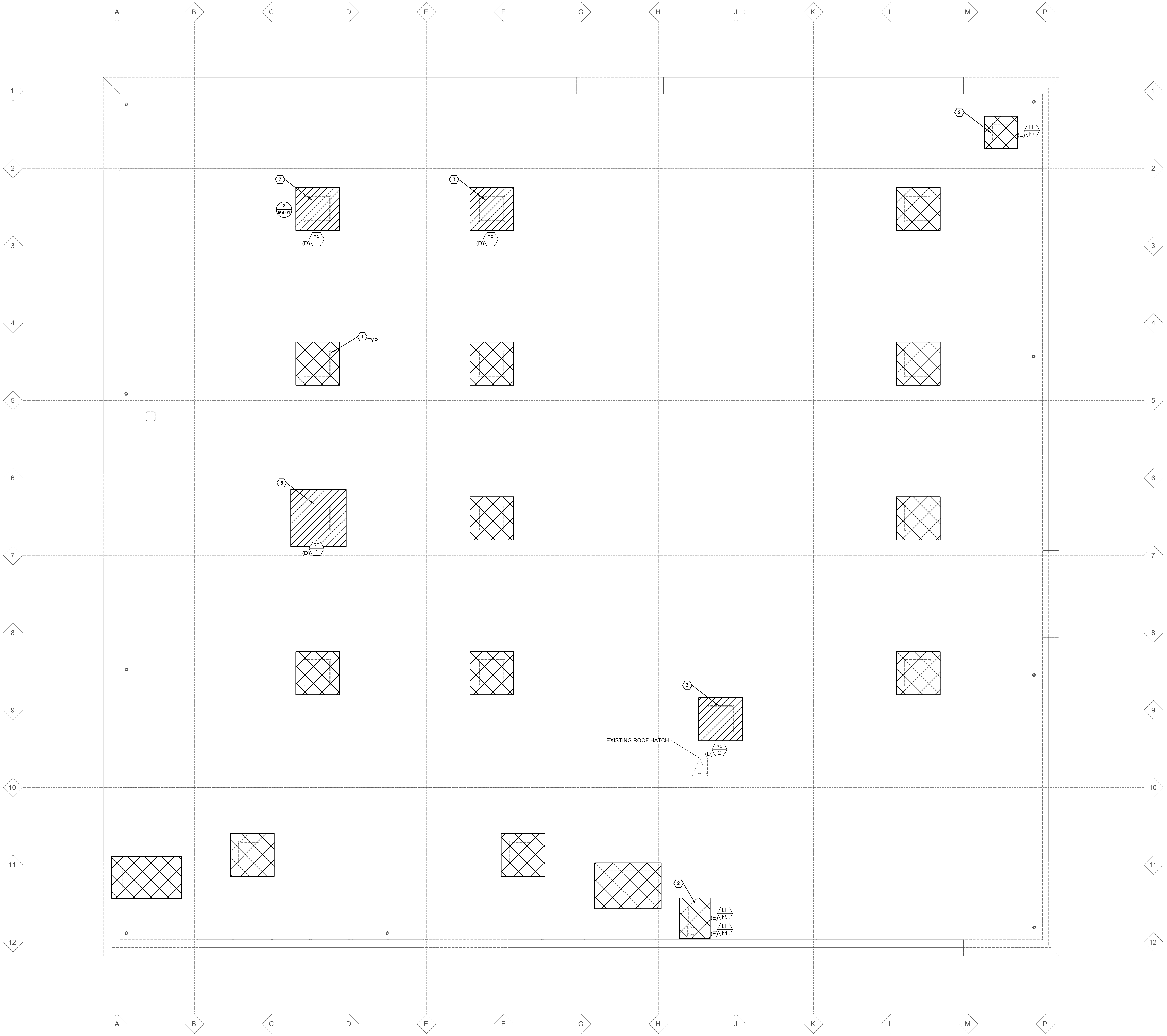

1 MECHANICAL DEMOLITION PLAN - ROOF

1/8" = 1'-0"

NORTH

SHEET NOTES

A. ALL DUCTWORK AND EQUIPMENT SHOWN IN THIS PLAN ARE EXISTING.

B. SEE SHEET MD2.03 FOR CONTINUATION BELOW.

C. DUCTWORK AND GRILLES CALLED OUT AS "SALVAGED" SHALL BE STORED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. TEMPORARILY SEAL EXPOSED ENDS OF SALVAGED DUCTS AND DUCTS TO REMAIN TO PROTECT FROM CONSTRUCTION DEBRIS.

D. AS-BUILT LOCATIONS BASED UPON BEST POSSIBLE INFORMATION. CONTRACTOR REQUIRED TO FIELD VERIFY PRIOR TO STARTING WORK.

E. GC SHALL PROVIDE TEMPORARY PROVISIONS FOR DRY-IN AND FALL PROTECTION AROUND OPEN ROOF CURBS.

KEY NOTES

1. SALVAGE EXISTING ROOF HOODS. CURBS AND MOTORIZED DAMPERS SHALL REMAIN.
2. SALVAGE EXISTING EXHAUST FANS. CURBS AND MOTORIZED DAMPERS SHALL REMAIN.
3. DEMOLISH DAMAGED ROOF HOOD. EXISTING CURB. MOTORIZED DAMPER SHALL REMAIN.

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MECHANICAL DEMOLITION - ROOF

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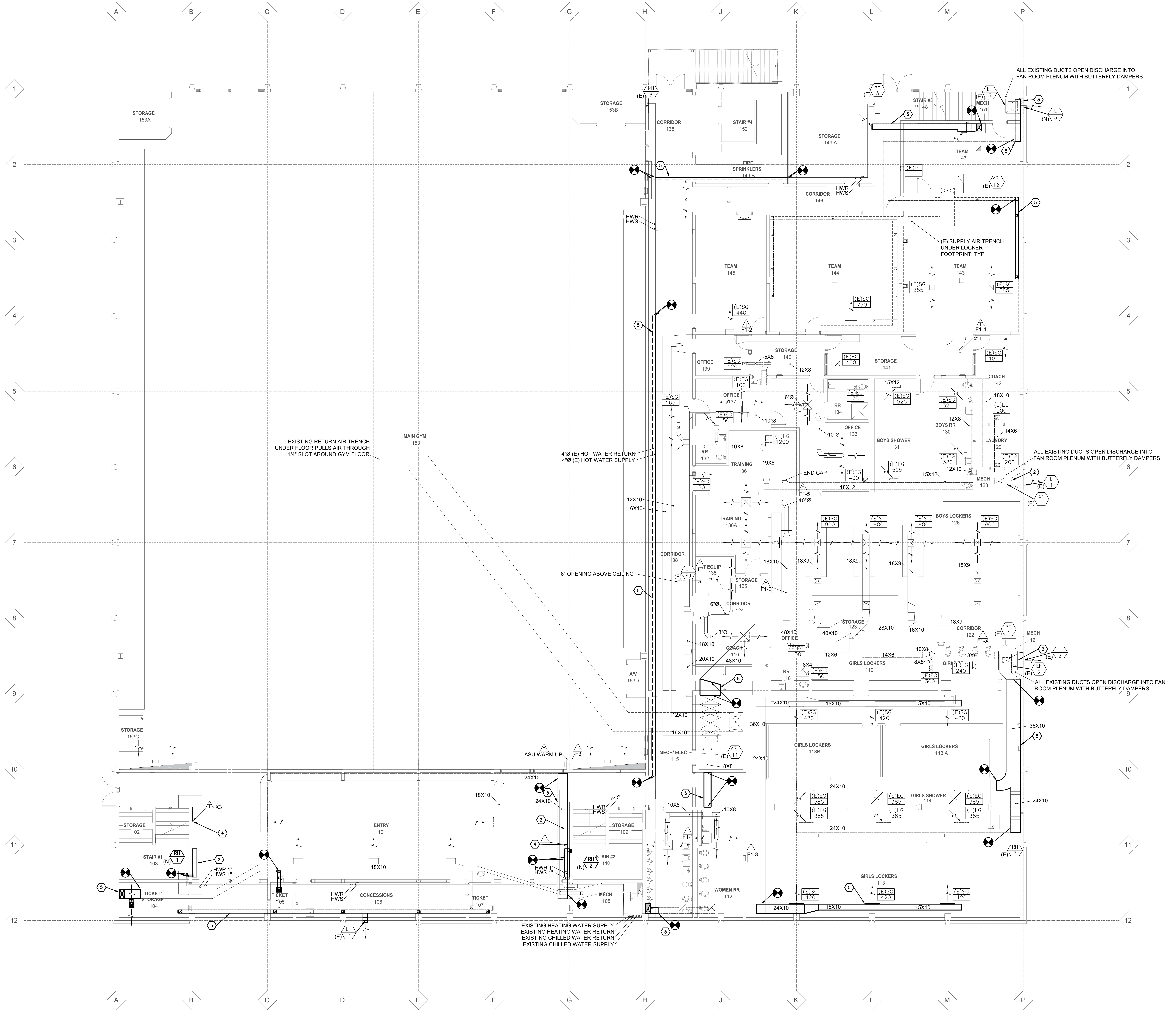

1 MECHANICAL PLAN - LEVEL 1

1/8" = 1'-0"

NORTH

SHEET NOTES

A. UNLESS OTHERWISE NOTED PREVIOUSLY SALVAGED DUCTS AND GRILLES SHALL BE RECONNECTED TO EXISTING AT POC CALLOUTS.

B. SEE SHEET M2.02 FOR CONTINUATION ABOVE.

C. DUCTWORK AND GRILLES CALLED OUT AS "SALVAGED" SHALL BE STORED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. TEMPORARILY SEAL EXPOSED ENDS OF SALVAGED DUCTS AND DUCTS TO REMAIN TO PROTECT FROM CONSTRUCTION DEBRIS.

D. AS-BUILT INFORMATION BASED UPON BEST POSSIBLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY PRIOR TO STARTING WORK.

E. NOT ALL EXISTING SYSTEMS ARE SHOWN. SYSTEMS SHOWN TO THE EXTENT NECESSARY TO COMMUNICATE PROJECT REQUIREMENTS.

F. PROVIDE NEW INSULATION ON ALL NEW AND REINSTALLED SALVAGED DUCTWORK AND MECHANICAL PIPING. EXHAUST DUCT WORK UP STREAM OF THE MOTORIZED OR BACKDRAFT DAMPER IS NOT REQUIRED TO BE INSULATED.

KEY NOTES

1. REINSTALL EXHAUST FAN IN NEW SHEAR WALL.
2. REPLACE EXISTING HYDRONIC WALL HEATERS WITH UNIT HYDRONIC HEATERS WALL MOUNTED ON SHEARWALL. RECONNECT TO EXISTING HEATING HOT WATER RETURN AND SUPPLY.
3. INSTALL NEW VENT LOUVER IN SHEARWALL.
4. REINSTALL THERMOSTATS ON NEW SHEAR WALL.
5. REINSTALL SALVAGED DUCTWORK, GRILLES, AND HYDRONIC PIPING. INSTALL NEW INSULATION ON SALVAGED DUCTWORK AND PIPING.

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Date 04/01/24
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Date
04/01/2024

Project Number

Drawing Title

MECHANICAL
PLAN - LEVEL 1

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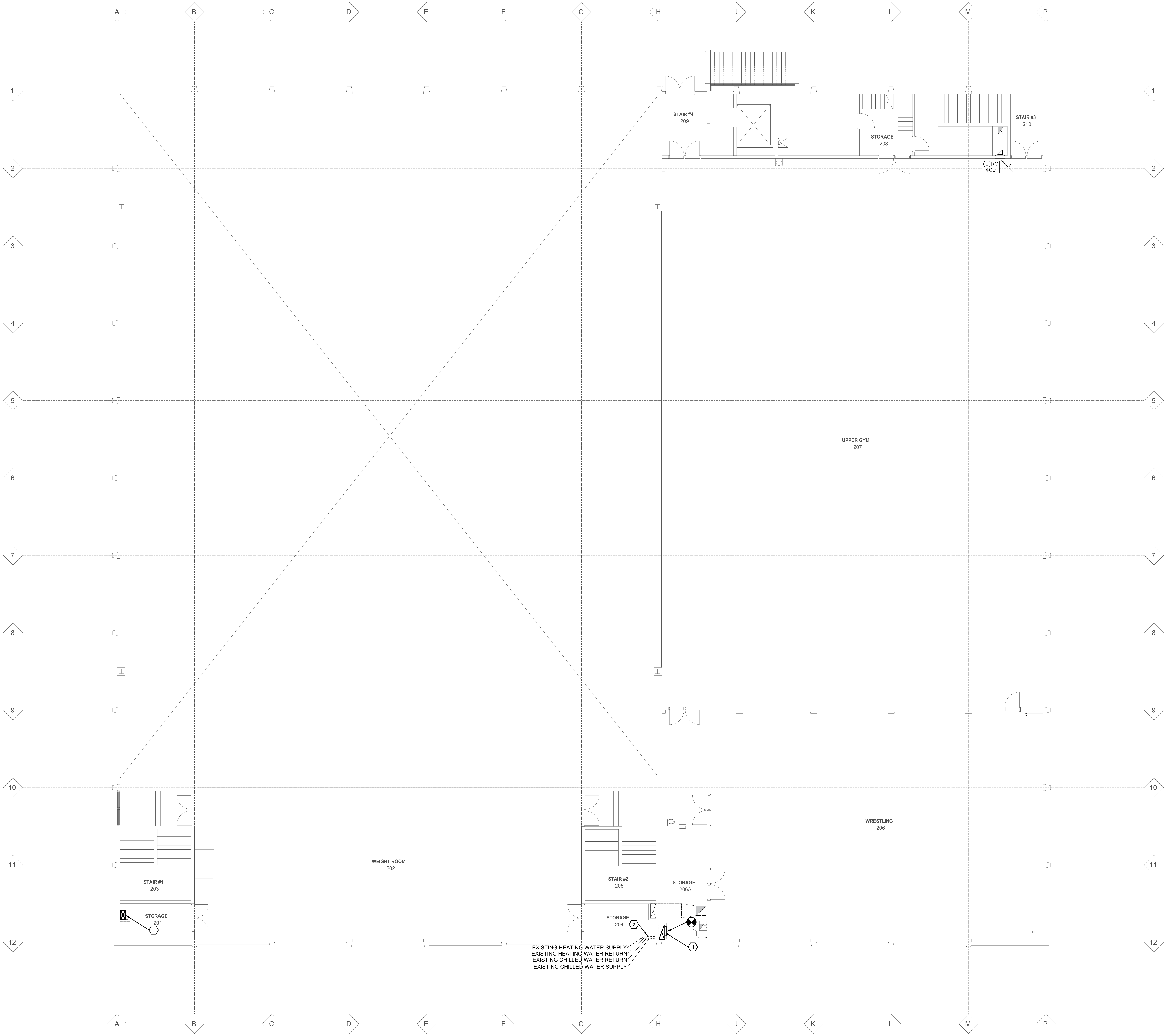

1 MECHANICAL PLAN - LEVEL 2
1/8" = 1'-0"

NORTH

SHEET NOTES

A. UNLESS OTHERWISE NOTED PREVIOUSLY SALVAGED DUCTS AND GRILLES SHALL BE RECONNECTED TO EXISTING AT POC CALLOUTS.

B. SEE SHEET M2.01 FOR CONTINUATION BELOW AND SHEET M2.03 FOR CONTINUATION ABOVE.

KEY NOTES

1. REINSTALL EXISTING SALVAGED DUCT IN AREAS OF SEISMIC WORK.
2. PROTECT EXISTING HYDRONIC PIPING DURING SEISMIC WORK BELOW THE SECOND-FLOOR FLOOR. .

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MECHANICAL
PLAN - LEVEL 2

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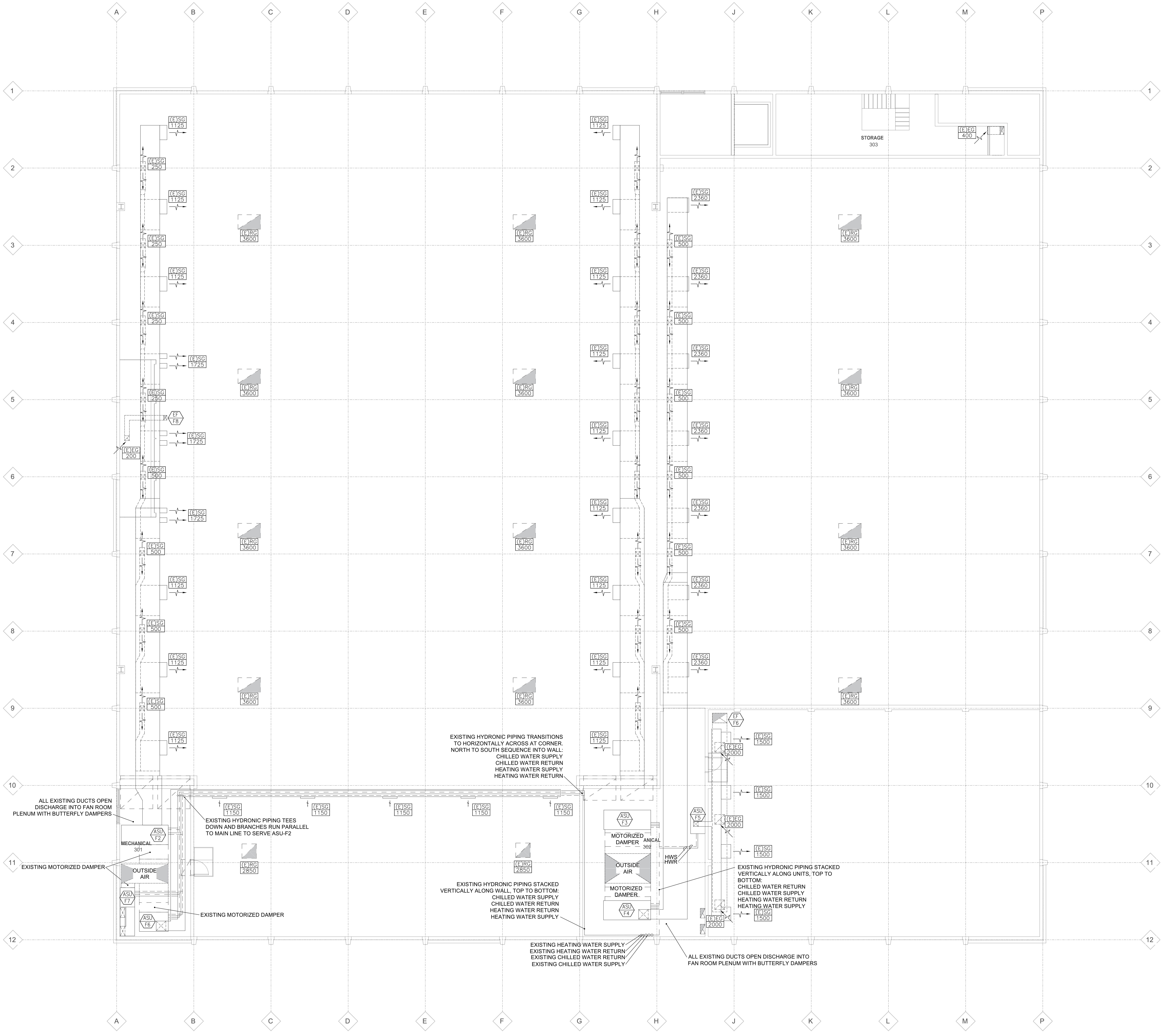
SHEET NOTES

A. UNLESS OTHERWISE NOTED PREVIOUSLY SALVAGED DUCTS AND GRILLES SHALL BE RECONNECTED TO EXISTING AT POC CALLOUTS.

B. SEE SHEET M2.02 FOR CONTINUATION BELOW AND SHEET M2.04 FOR CONTINUATION ABOVE.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2000
(E)SG
1150
(E)RG
2850
ASU
F2
ASU
F3
ASU
F4
ASU
F5
ASU
F6
ASU
F7
MECHANICAL
301
ANICAL
302
OUTSIDE
AIR
MOTORIZED
DAMPER
HWS
HWR
ALL EXISTING DUCTS OPEN DISCHARGE INTO FAN ROOM PLENUM WITH BUTTERFLY DAMPERS
EXISTING MOTORIZED DAMPER
EXISTING HYDRONIC PIPING TEES DOWN AND BRANCHES RUN PARALLEL TO MAIN LINE TO SERVE ASU-F2
EXISTING MOTORIZED DAMPER
EXISTING HYDRONIC PIPING TRANSITIONS TO HORIZONTALLY ACROSS AT CORNER. NORTH TO SOUTH SEQUENCE INTO WALL:
CHILLED WATER SUPPLY
CHILLED WATER RETURN
HEATING WATER SUPPLY
HEATING WATER RETURN
EXISTING HYDRONIC PIPING STACKED VERTICALLY ALONG WALL, TOP TO BOTTOM:
CHILLED WATER SUPPLY
CHILLED WATER RETURN
HEATING WATER RETURN
HEATING WATER SUPPLY
EXISTING HYDRONIC PIPING STACKED VERTICALLY ALONG UNITS, TOP TO BOTTOM:
CHILLED WATER RETURN
CHILLED WATER SUPPLY
HEATING WATER RETURN
HEATING WATER SUPPLY
EXISTING HEATING WATER SUPPLY
EXISTING HEATING WATER RETURN
EXISTING CHILLED WATER RETURN
EXISTING CHILLED WATER SUPPLY
ALL EXISTING DUCTS OPEN DISCHARGE INTO FAN ROOM PLENUM WITH BUTTERFLY DAMPERS

1 MECHANICAL PLAN - LEVEL 3

1/8" = 1'-0"

NORTH

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MECHANICAL
PLAN - LEVEL 3

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M2.03

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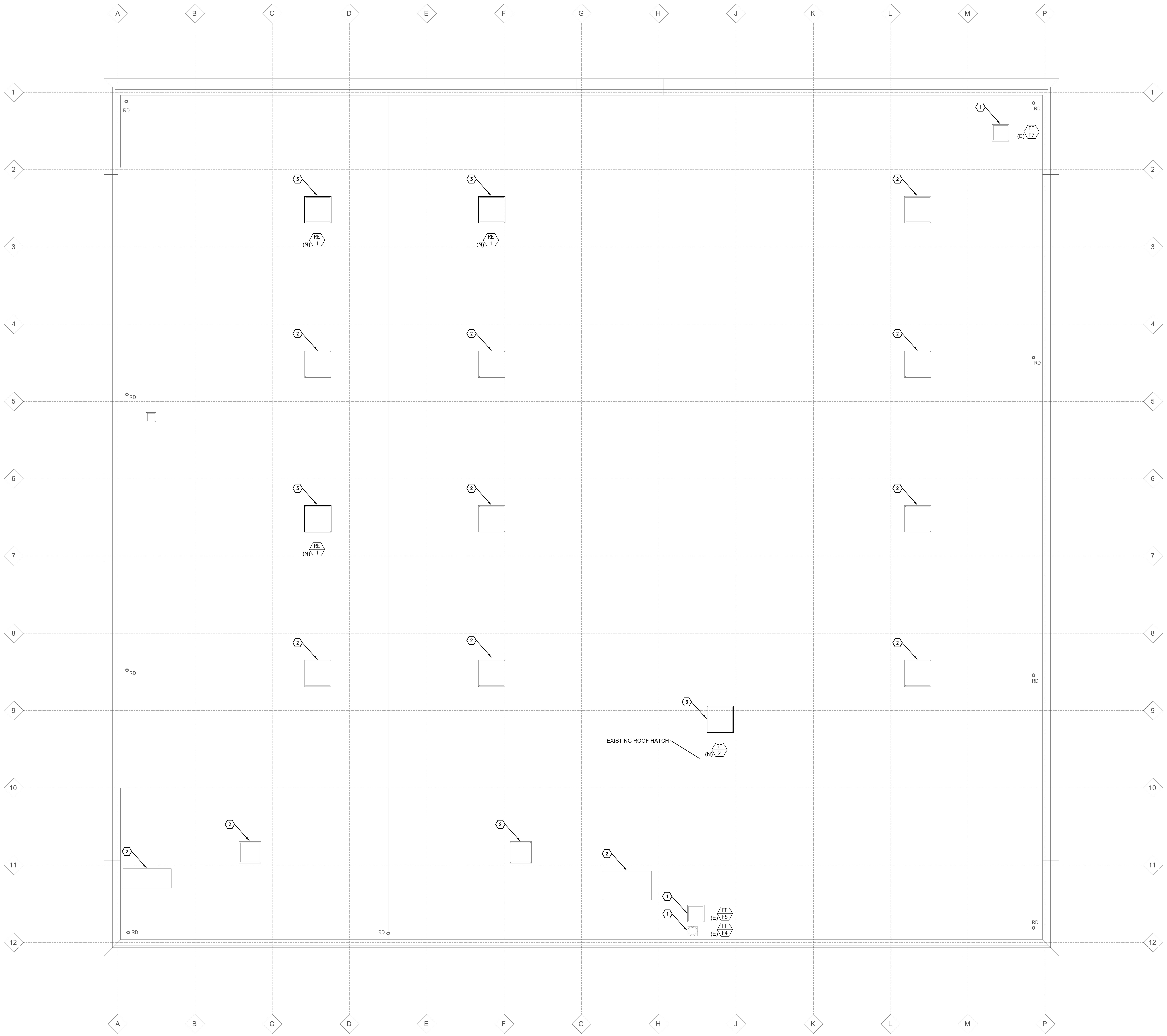

1 MECHANICAL PLAN - ROOF

1/8" = 1'-0"

SHEET NOTES

A. UNLESS OTHERWISE NOTED PREVIOUSLY SALVAGED DUCTS AND GRILLES SHALL BE RECONNECTED TO EXISTING AT POC CALLOUTS.

B. SEE SHEET M2.03 FOR CONTINUATION BELOW.

KEY NOTES

1. REINSTALL SALVAGED EXHAUST FAN ON EXISTING CURB.
2. REINSTALL SALVAGED HOODS ON EXISTING CURBS.
3. INSTALL NEW HOOD ON EXISTING CURB.

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MECHANICAL
PLAN - ROOF

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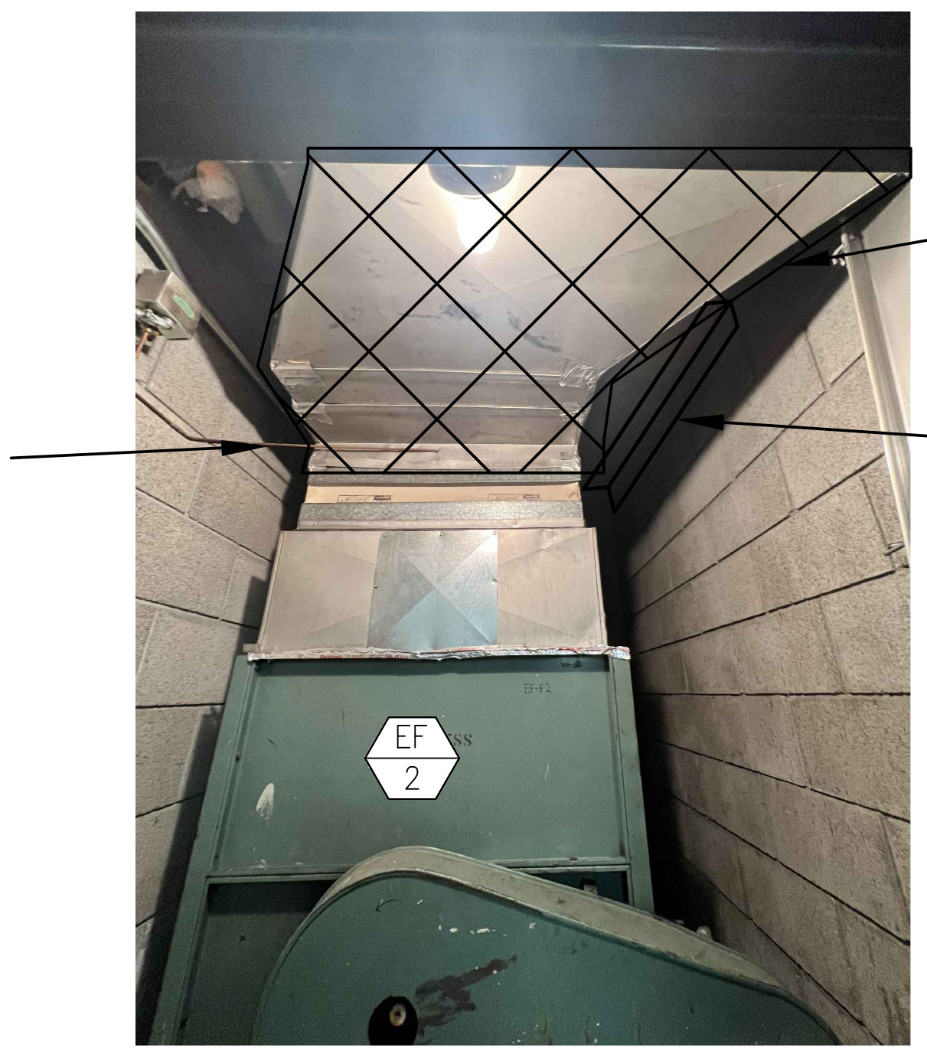
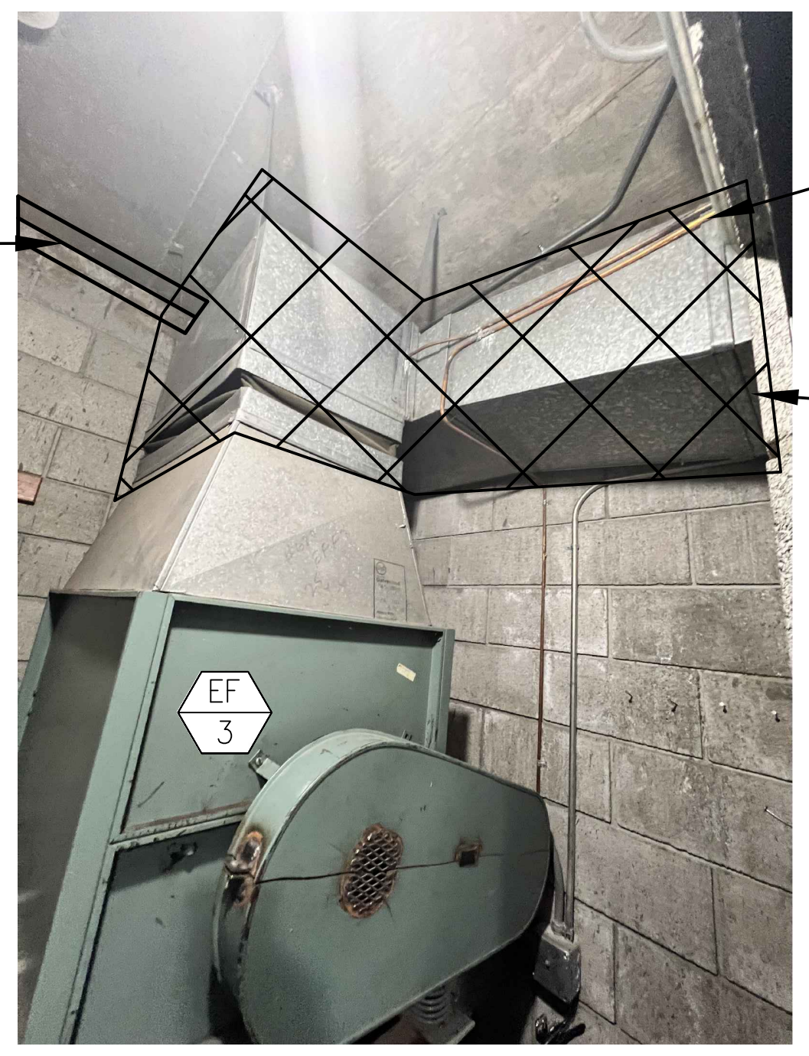


SALVAGE AND REINSTALL EXHAUST DUCT TIGHT TO STRUCTURE

SALVAGE AND REINSTALL COPPER IMPULSE TUBING

NEW SEISMIC ANGLE IRON BY OTHERS AROUND PERIMETER OF THE BUILDING

1 EF-2 DEMO PHOTO
NTS

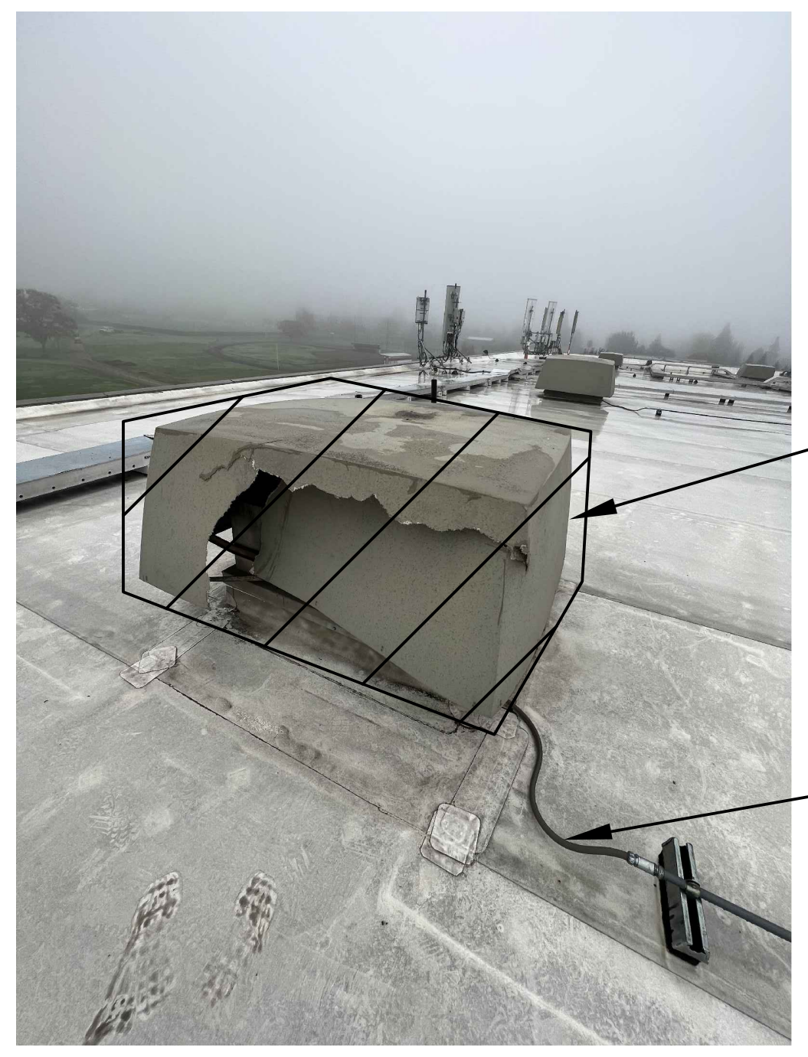


SALVAGE AND REINSTALL COPPER IMPULSE TUBING.

NEW SEISMIC ANGLE IRON BY OTHERS AROUND PERIMETER OF THE BUILDING.

SALVAGE AND REINSTALL EXHAUST DUCT TIGHT TO STRUCTURE.

2 EF-3 DEMO PHOTO
NTS



DEMOLISH DAMAGED ROOF HOOD.

PROTECT EXISTING MOTORIZED DAMPER AND WIRING.

3 TYPICAL ROOF HOOD DEMO
NTS

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NORTH MEDFORD HIGH SCHOOL GYM SEISMIC UPGRADES
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DETAILS

Sheet No
M4.01

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GENERAL NOTES

1. PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO CONSTRUCT A COMPLETE, OPERATIONAL PLUMBING SYSTEM FOR THE ENTIRE PROJECT AS SHOWN ON THESE DRAWINGS, INCLUDING ALL NECESSARY FEES AND PERMITS.

2. THE ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED PLUMBING CODE, MECHANICAL CODE, BUILDING CODE AND ALL OTHER APPLICABLE CITY, COUNTY, AND STATE CODES AND REGULATIONS IN EFFECT AT THE DATE OF THE BID. CONFORM TO ANY CODES, RULES, REGULATIONS AND REQUIREMENTS THAT THE PROJECT OWNER HAS.

3. OBTAIN ALL INSPECTION APPROVALS ON PLUMBING WORK FROM REGULATING AGENCIES WHERE REQUIRED.

4. PRIOR TO FABRICATION AND INSTALLATION THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING PIPING AND EQUIPMENT WITH MECHANICAL PIPING, EQUIPMENT, DUCTWORK, AND ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO THE MECHANICAL CONTRACTOR, ELECTRICAL CONTRACTOR, FIRE PROTECTION CONTRACTOR, GENERAL CONTRACTOR, AND ANY CONTRACTOR HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.

5. THE DRAWINGS SHOW THE EXISTING SYSTEMS AS UNDERSTOOD BY THE ENGINEER BASED ON PARTIAL RECORD DOCUMENTS AND SITE VISITS. IT SHALL BE THE WORK OF THE CONTRACTOR TO MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT. MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES, OR MATERIAL REQUIRE PRIOR APPROVAL BY THE CONSULTING ENGINEER.

6. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.

7. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES.

8. THE WORKING DRAWINGS ARE DIAGRAMMATIC. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR PLUMBING EQUIPMENT AND PIPING SHALL BE CHECKED AND COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, STRUCTURAL AND ELECTRICAL DRAWINGS.

9. EXACT ROUTING OF WASTE, GAS, AND WATER SERVICE IS DEPENDENT ON LOCAL SITE CONDITIONS AND MODIFICATIONS IN EQUIPMENT CONNECTIONS. EXACT LOCATION OF EQUIPMENT MAY VARY DEPENDING ON LOCAL CODE, HEALTH DEPARTMENT, AND CITY REQUIREMENTS FOR ALL SANITARY PIPING NEAR AT UNKNOWN POINTS OF CONNECTION AND IN THE AREA OF NEW STRUCTURAL FOOTINGS. PLUMBING CONTRACTOR SHALL SCOPE SANITARY PIPING TO DETERMINE PIPE SIZE AND LOCATION PRIOR TO DEMOLITION AND EXCAVATION WORK.

10. DETAILS: THE CONTRACTOR IS RESPONSIBLE TO REVIEW AND USE WHERE APPROPRIATE ALL OF THE PLUMBING DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE PLUMBING SYSTEM WITHOUT USING THE INCLUDED DETAILS IS THE RESPONSIBILITY OF THE CONTRACTOR.

11. THE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH.

12. THE STRUCTURE SHOWN ON ALL DETAILS MAY OR MAY NOT PERTAIN TO A PORTION OR ANY PORTION OF THE BUILDING. COORDINATE MOUNTING REQUIREMENTS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.

13. ANY PART OF THIS INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

14. IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.

15. EXISTING INTERIOR PIPING AND EQUIPMENT HAS BEEN LOCATED IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL VERIFY LOCATIONS, POINTS OF CONNECTION, PIPE SIZES AND PIPE ROUTING THROUGH EXISTING CONDITIONS PRIOR TO COMMENCING WORK.

16. THE CONTRACTOR IS RESPONSIBLE FOR PLUMBING EQUIPMENT CHECK-IN, SAFEKEEPING, AND DAMAGE.

17. ALL OPENINGS FOR PIPING THROUGH FIRE-RATED ENCLOSURES SHALL BE CAULKED AS REQUIRED BY CODE TO MAINTAIN FIRE RATING.

18. ANY SHUT DOWNS REQUIRED TO CONNECT TO ALL ACTIVE PIPING ARE TO BE COORDINATED WITH OWNER AND GC.

19. ALL VALVES CONCEALED IN CEILING OR WALLS SHALL BE PROVIDED WITH ACCESS PANELS. LOCATE ON "AS BUILT" DRAWINGS.

20. UNLESS OTHERWISE INDICATED, ALL UNDERGROUND SOIL AND WASTE PIPING TO A POINT 5'-0" OUT FROM BUILDING SHALL BE RUN AT A MINIMUM SLOPE OF 1/4" PER FT.

21. SEE "PLUMBING FIXTURE SCHEDULE" FOR FIXTURE MAKE AND TYPE, AND SIZE OF INDIVIDUAL WASTE, VENT, AND DOMESTIC WATER PIPING TO FIXTURES.

22. ALL PLUMBING EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.

23. EQUIPMENT AND INSTALLATION SHALL MEET NATIONAL SANITATION FOUNDATION (NSF) STANDARDS, OR EQUIVALENT.

24. PROVIDE PROPER PROVISIONS FOR EXPANSION OR MOVEMENT OF ALL PIPING.

25. ALL PIPING SHALL BE SECURED BY DOUBLE NUTTING AT THE HANGER ROD ATTACHMENT TO THE STRUCTURE AND AT THE PIPE HANGER.

26. PROVIDE WATER HAMMER ARRESTORS (SHOCK ABSORBERS) AT ALL PIPE LOCATIONS WHERE VALVE CLOSURES (SUCH AS FLUSH VALVES) MAY CAUSE WATER HAMMER OR RESULT IN EXCESSIVE PIPE VIBRATION OR MOVEMENT.

27. UPON COMPLETION OF THE WORK, REMOVE ALL SURPLUS MATERIALS AND RUBBISH. MAKE ALL REQUIRED PATCHING AND REPAIRS OF OTHER TRADES' WORK DAMAGED BY THIS CONTRACTOR, AND LEAVE THE PREMISES IN A CLEAN, ORDERLY CONDITION.

28. THE CONTRACTOR SHALL OPERATE THE SYSTEM AND DEMONSTRATE ALL ASPECTS TO THE ENGINEER AND/OR OWNER, TO PROVE ITS OPERATION.

29. THE CONTRACTOR SHALL GUARANTEE THE PLUMBING SYSTEM FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.

30. THE CONTRACTOR SHALL, DURING CONSTRUCTION, MAINTAIN A SET OF AS-BUILT REDLINED RECORD DRAWINGS AT THE PROJECT SITE. ALL CHANGES IN LAYOUT, ROUTING, EQUIPMENT, COMPONENTS, AND ACCESSORIES SHALL BE RECORDED. AS-BUILT REDLINE DRAWINGS SHALL CAPTURE BOTH CHANGES TO THE SYSTEMS INCLUDED IN THE SCOPE OF WORK AS WELL AS EXISTING CONDITIONS THAT DIFFER FROM WHAT IS SHOWN ON THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR CONVERTING THE CONSTRUCTION REDLINE DRAWINGS INTO “AS BUILT” DRAWINGS USING AUTOCAD BACKGROUNDS PROVIDED BY INSIGHT CONSULTING ENGINEERS. IF THE CONTRACTOR DOES NOT HAVE AUTOCAD DRAFTING CAPABILITIES, THE CONTRACTOR SHALL HIRE THE ENGINEER TO PRODUCE THE “AS BUILT” DRAWINGS FROM HIS FIELD REDLINES. COMPLETED AUTOCAD “AS BUILTS” SHALL BE GIVEN TO THE ARCHITECT/ENGINEER AFTER THE FINAL INSPECTION.

31. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING CONDITIONS AND COORDINATE WITH THE ARCHITECT AND GENERAL CONTRACTOR AS REQUIRED TO ENSURE THAT THERE IS ADEQUATE SPACE FOR INSTALLATION AND SERVICE.

32. THE ENGINEER HAS MADE EVERY EFFORT TO VERIFY THAT PIPING AND PLUMBING FIXTURES WILL FIT IN THE LOCATIONS SHOWN ON THE DRAWINGS. HOWEVER, THERE ARE LOCATIONS WHERE UNKNOWN CONDITIONS MAY EXIST WHICH PREVENT THE DESIGN INSTALLATION. IF PIPING OR FIXTURES WILL NOT FIT IN THE SPACE AVAILABLE, NOTIFY THE ENGINEER.

33. FOR SYSTEM COMPONENTS CALLED OUT A DEMOLITION THE CONTRACTOR SHALL DEMOLISH EXISTING FIXTURES, DOMESTIC WATER, SANITARY, AND VENT PIPING UP TO THE POINTS OF CONNECTION (POC) SHOWN ON THE DEMO AND NEW PLANS, AND PROVIDE TEMPORARY CAPS TO PROTECT EXISTING PIPING TO REMAIN. FOR SYSTEM COMPONENTS CALLED OUT AS SALVAGED THE CONTRACTOR SHALL CAREFULLY REMOVE, PROTECT, STORE, AND REINSTALL FIXTURES, DOMESTIC WATER, SANITARY, AND VENT PIPING UP TO THE POINTS OF CONNECTION (POC) SHOWN ON THE DEMO AND NEW PLANS, AND PROVIDE TEMPORARY CAPS TO PROTECT EXISTING PIPING TO REMAIN. CONTRACTOR MAY (AT NO ADDITIONAL COST TO THE OWNER) CHOOSE TO DEMOLISH AND INSTALL NEW SYSTEM COMPONENTS IN LIEU OF SALVAGE, PROTECT, STORE, AND REINSTALL.

DRAWING LIST

P2.00	PLUMBING SCHEDULES AND DETAILS
PD2.01	PLUMBING DEMOLITION - LEVEL 1
PD2.02	PLUMBING DEMOLITION - LEVEL 2
PD2.03	PLUMBING DEMOLITION - LEVEL 3
PD2.04	PLUMBING DEMOLITION - ROOF
P2.01	PLUMBING PLAN - LEVEL 1
P2.02	PLUMBING PLAN - LEVEL 2
P2.03	PLUMBING PLAN - LEVEL 3
P2.04	PLUMBING PLAN - ROOF

GENERAL SYMBOLS

(F)	CAP FOR FUTURE
(E)	EXISTING TO REMAIN
(R)	RELOCATE EXISTING
⊗	POINT OF NEW CONNECTION
△X	REVISION NUMBER
⬡ XX/XX	EQUIPMENT TAG EQUIPMENT NUMBER
◯ XX/XX	SECTION (LETTER) OR DETAIL (NUMERICAL) DESIGNATION SHEET NUMBER
Ⓧ	SECTION (LETTER) OR DETAIL (NUMERICAL) DESIGNATION
◯ X/XX ▶	SECTION DESIGNATION SHEET NUMBER
——⌇——	GENERAL BREAK
——— §	LINE BREAK
▨	ON DEMOLITION PLANS, INDICATES ITEMS TO BE REMOVED
☒	ON DEMOLITION PLANS, INDICATES ITEMS TO BE SALVAGED FOR REINSTALL
XX | X	PLUMBING FIXTURE UNITS W/ PIPE SIZE

PIPING SYMBOLS

——— PC ———	PUMPED CONDENSATE
——— CD ———	CONDENSATE DRAIN ABOVE FLOOR OR GRADE
- - - - - CD - - - - -	CONDENSATE DRAIN BELOW FLOOR OR GRADE
— — — —	BUILDING SANITARY BELOW FLOOR OR GRADE
— — — —	EXISTING BUILDING SANITARY BELOW FLOOR/GRADE
— — — —	VENT
——— RD ———	RAIN DRAIN ABOVE FLOOR OR GRADE
— — — RD — — —	RAIN DRAIN BELOW FLOOR OR GRADE
——— RDO ———	RAIN DRAIN OVERFLOW ABOVE FLOOR OR GRADE
— — — RDO — — —	RAIN DRAIN OVERFLOW BELOW FLOOR OR GRADE
——— — ———	COLD WATER
——--——--——	HOT WATER
——---——---——	HOT WATER RETURN
——— — ———	EXISTING COLD WATER
——— — — ———	EXISTING HOT WATER
——— NG ———	NATURAL GAS
——— TP ———	TRAP PRIMER
———⊃	PIPE DOWN
———○	PIPE UP
——⊖——	TEE DOWN
——○——	TEE UP
——┐	ELBOW
——┬——	TEE
——]	CAP
——▷——	CONCENTRIC REDUCER / INCREASER
——‖——	UNION
——▶——	DIRECTION OF FLOW
——⊳——	PUMP
———⊘	FLOOR CLEAN-OUT
— — —⊘	CLEAN-OUT TO GRADE
———‖	WALL CLEAN-OUT
——✕——	P-TRAP
——⊃——	SHUT-OFF VALVE ON RISER TO DROP
——●——	WATER HAMMER ARRESTER
——⊃——<	HOSE BIBB (WALL HYDRANT)
——ɸ——	SHUT-OFF VALVE (BALL VALVE)
——⋈——	SHUT-OFF VALVE (GATE VALVE)
——⋈●——	GLOBE VALVE
——|\\\|——	CHECK VALVE

PLUMBING ABBREVIATIONS

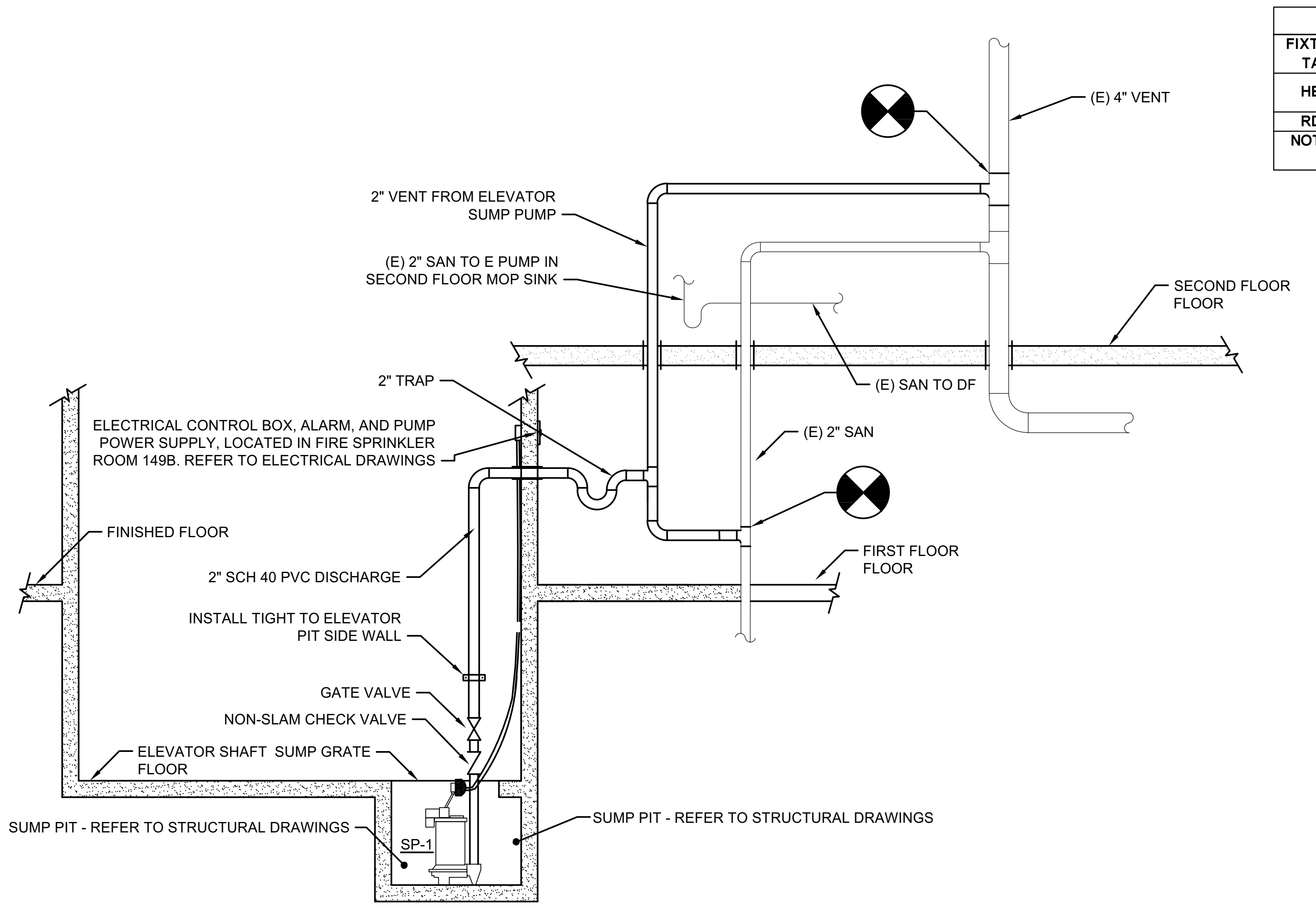
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
ARCH	ARCHITECT OR ARCHITECTURAL
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BM	BEAM
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STEEL
BTU	BRITISH THERMAL UNIT
CA	COMPRESSED AIR
CLG	CEILING
CO	CLEAN OUT
CTG	CLEAN OUT TO GRADE OR COTG
CONSTR	CONSTRUCTION
CW	COLD WATER (POTABLE)
DCW	DOMESTIC CLOTHES WASHER
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DW	DISHWASHER
DWG	DRAWING
ELEV	ELEVATION
ET	EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
EWF	EYE WASH FOUNTAIN
EWH	ELECTRIC WATER HEATER
FC	FLEXIBLE CONNECTION
FLA	FULL LOAD AMPS
FLR	FLOOR
FUT	FUTURE WORK TO BE DONE
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HP	MOTOR HORSEPOWER
HR	HOUR
HW	HOT WATER (POTABLE)
HWR	HOT WATER RETURN
INT	INITIAL WORK TO BE DONE
IE	INVERT ELEVATION
L	LAVATORY
LB(S)	POUND, POUNDS
MBH	THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT CAPACITY
MECH	MECHANICAL
MFGR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
NC	NORMALLY CLOSED
NG	NATURAL GAS
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OA/OSA	OUTSIDE AIR
OMSC	OREGON MECHANICAL SPECIALTY CODE
OPSC	OREGON PLUMBING SPECIALTY CODE
OSSC	OREGON STRUCTURAL SPECIALTY CODE
PRV	PRESSURE RELIEF VALVE
PT	PRESSURE TANK
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE / TEMPERATURE PLUG
PVC	POLYVINYL CHLORIDE
RD	RAIN DRAIN
RDO	RAIN DRAIN OVERFLOW
RECT	RECTANGULAR
REQ'D	REQUIRED
RPM	REVOLUTIONS PER MINUTE
SAN	SANITARY DRAIN LINE
SF/SQFT	SQUARE FEET
SH	SHOWER
SIM	SIMILAR
SPEC	SPECIFICATION OR SPECIFIED
SRV	SAFETY RELIEF VALVE
SS	STAINLESS STEEL
STD	STANDARD
TPRV	THERMAL PRESSURE RELIEF VALVE
TOS	TOP OF STEEL
TYP	TYPICAL
U	URINAL
UNO	UNLESS NOTED OTHERWISE
V	VENT
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTER

PLUMBING FIXTURE SCHEDULE

FIXTURE TAG	DESCRIPTION							PLUMBING CONNECTIONS (IN)				NOTES
	FIXTURE	MANUFACTURER	MODEL	TYPE	MATERIAL	MOUNTING	COMMENTS	CW	HW	DRAIN	VENT	
HB-1	EXTERIOR HOSE BIB	WOODFORD	RB65	ANTISIPHON, FREEZELESS	BRASS	WALL	LOCKING COVER, KEYED VALVE, FITS 6" CORE DRILL HOLE	3/4"	N/A	N/A	N/A	
RD-1	ROOF DRAIN	ZURN	Z-121	DURA COATED	CAST IRON	ROOF	WITH FLASHING GUARD	N/A	N/A	NOTE 1	N/A	1
NOTES:	1. CONTRACTOR SHALL VERIFY EXISTING PIPING CONNECTION SIZE											

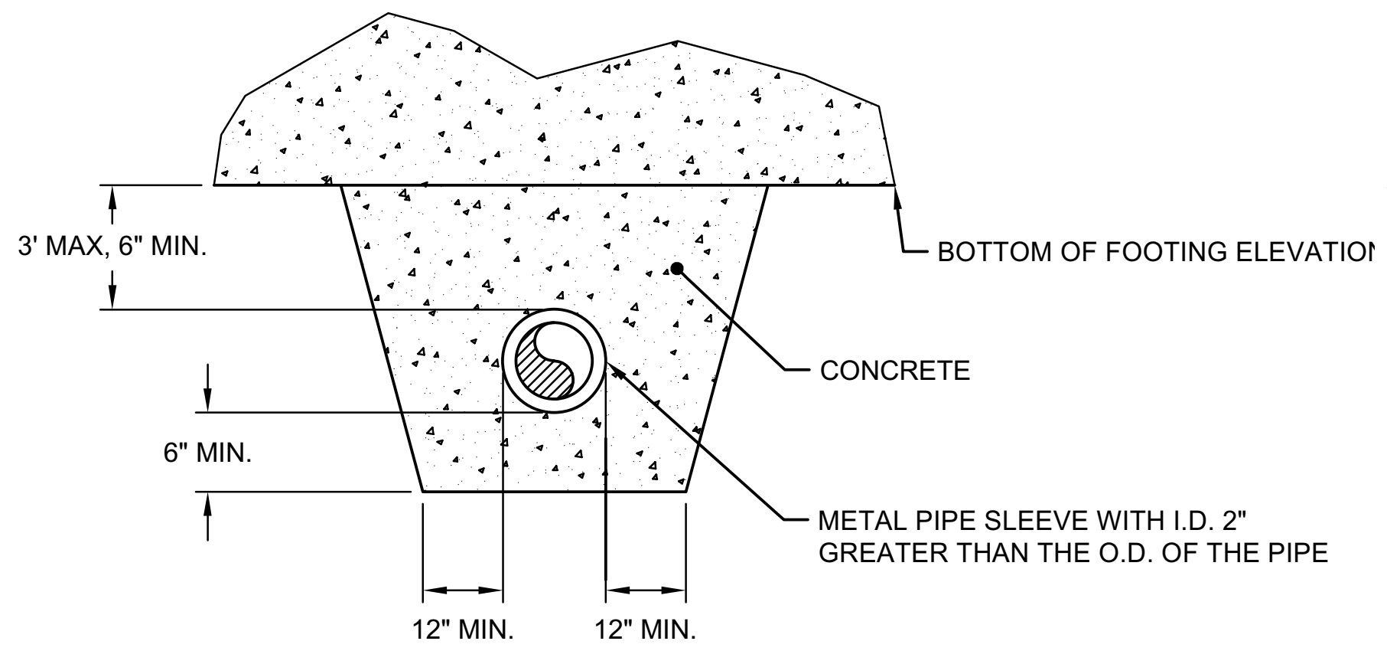
PUMP SCHEDULE

TAG	SYSTEM	PUMP TYPE	CIRCULATING FLUID				ELECTRICAL				WEIGHT	MANUFACTURER	MODEL	NOTES
			FLUID TYPE	GPM	PUMP HEAD	TEMP.	MOTOR H.P.	FLA	VOLTS	PHASE				
SP-1	ELEVATOR	SUMP PUMP	WATER	50	13'	68°F	1/2	8 AMPS	115	1	40 LB	LIBERTY PUMPS	ELV-280	1
NOTES:	1. PROVIDE WITH 3-PRONGED LEVEL SENSOR, ALARM PANEL AND 25' CABLE													


(E) 4" VENT
2" VENT FROM ELEVATOR SUMP PUMP
(E) 2" SAN TO E PUMP IN SECOND FLOOR MOP SINK
SECOND FLOOR FLOOR
(E) SAN TO DF
2" TRAP
ELECTRICAL CONTROL BOX, ALARM, AND PUMP POWER SUPPLY, LOCATED IN FIRE SPRINKLER ROOM 149B. REFER TO ELECTRICAL DRAWINGS
(E) 2" SAN
FINISHED FLOOR
2" SCH 40 PVC DISCHARGE
FIRST FLOOR FLOOR
INSTALL TIGHT TO ELEVATOR PIT SIDE WALL
GATE VALVE
NON-SLAM CHECK VALVE
ELEVATOR SHAFT SUMP GRATE FLOOR
SUMP PIT - REFER TO STRUCTURAL DRAWINGS
SP-1
SUMP PIT - REFER TO STRUCTURAL DRAWINGS

3 ELEVATOR SUMP PUMP

NTS

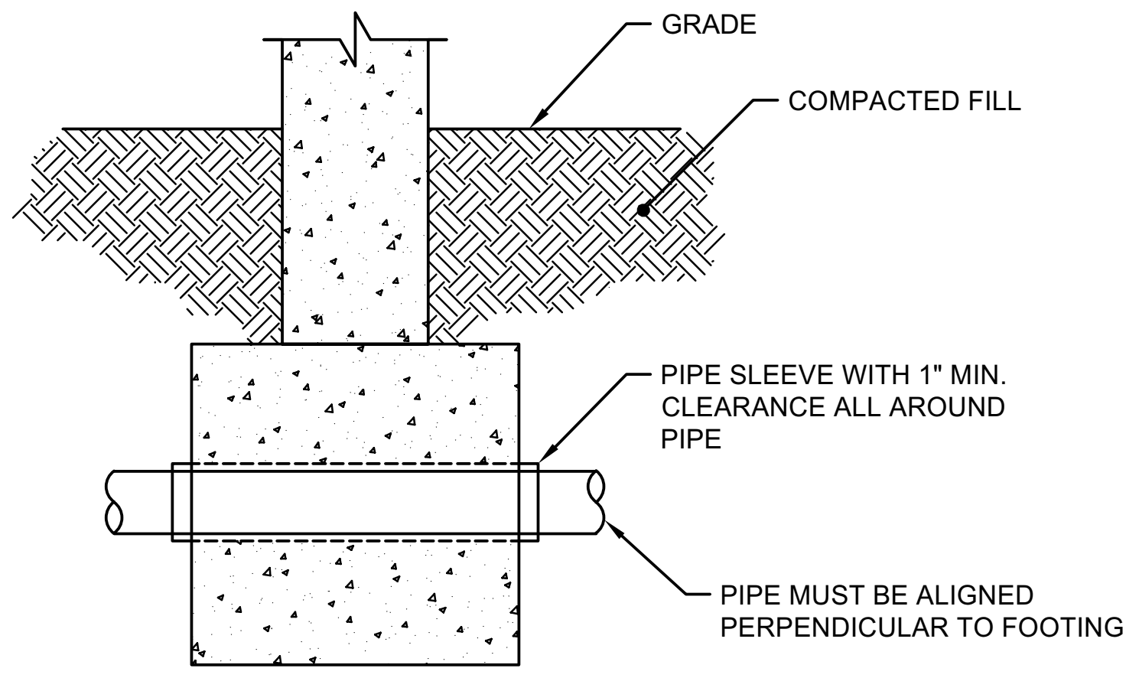

3' MAX, 6" MIN.
BOTTOM OF FOOTING ELEVATION
CONCRETE
6" MIN.
METAL PIPE SLEEVE WITH I.D. 2" GREATER THAN THE O.D. OF THE PIPE
12" MIN.
12" MIN.

NOTE:

1. PIPING MAY BE WRAPPED WITH FOAM AND CAST DIRECTLY INTO CONCRETE FOR PIPES MORE THAN 3' BELOW BOTTOM OF FOOTING, TRENCH SHALL BE BACKFILLED WITH COMPACTED FILL PER SPECIFICATIONS. DO NOT TRENCH BENEATH FOOTING. NO PIPES ALLOWED THROUGH COLUMN SPREAD FOOTINGS.

2 PIPE BELOW FOOTINGS

NTS


GRADE
COMPACTED FILL
PIPE SLEEVE WITH 1" MIN. CLEARANCE ALL AROUND PIPE
PIPE MUST BE ALIGNED PERPENDICULAR TO FOOTING

NOTE:

1. PIPING MAY BE WRAPPED WITH FOAM AND CAST DIRECTLY INTO CONCRETE FOR PIPES MORE THAN 3' BELOW BOTTOM OF FOOTING, TRENCH SHALL BE BACKFILLED WITH COMPACTED FILL PER SPECIFICATIONS. DO NOT TRENCH BENEATH FOOTING. NO PIPES ALLOWED THROUGH COLUMN SPREAD FOOTINGS.

1 PIPE THROUGH FOOTING

NTS

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Revisions

No.	Description	Date

Date 04/01/24
Job No.
Drawn By AEL
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Drawing Title
PLUMBING SCHEDULES AND DETAILS

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P2.00

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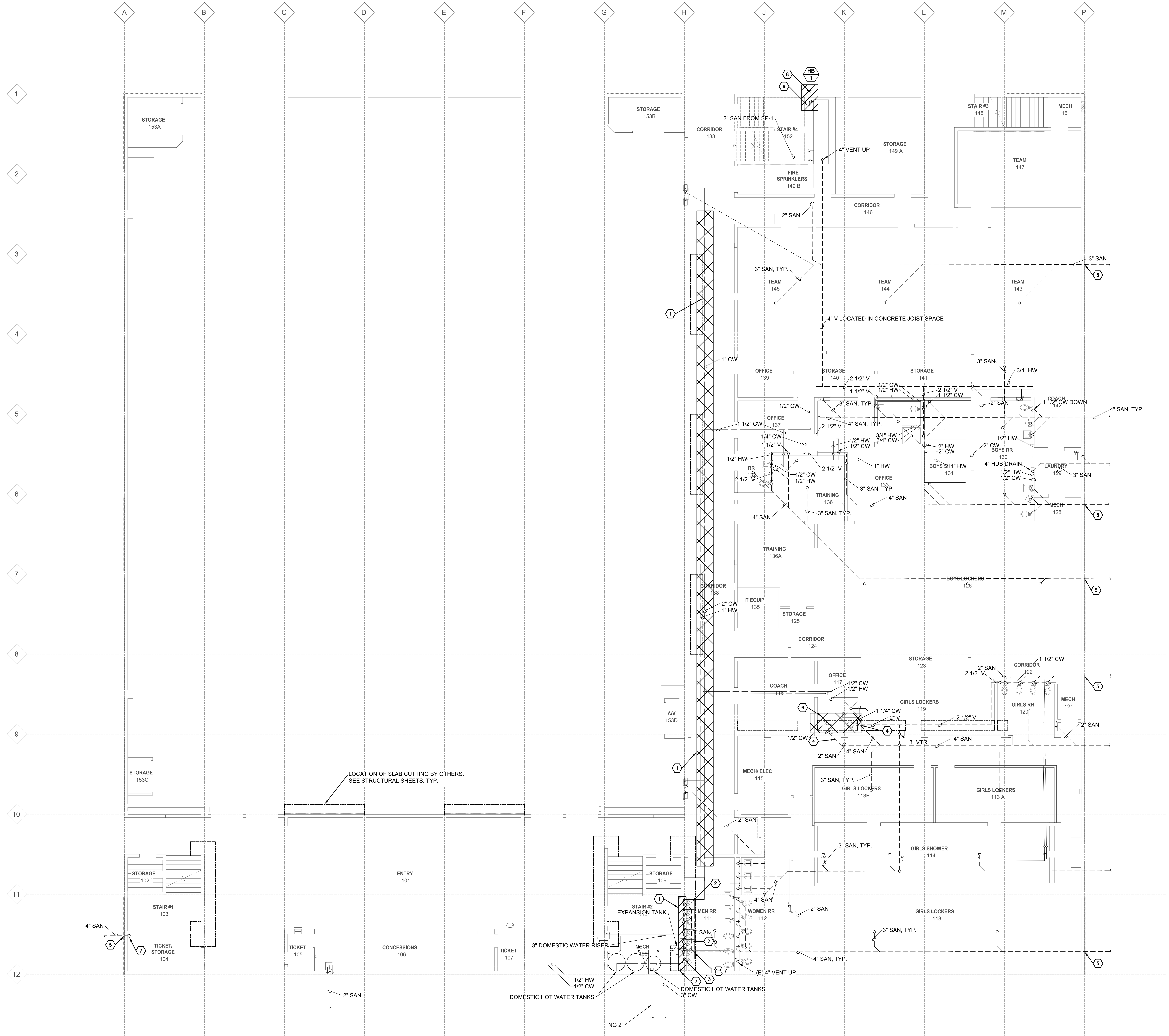

1 PLUMBING DEMOLITION - LEVEL 1

1/8" = 1'-0"

NORTH

SHEET NOTES

A. ALL PIPING AND EQUIPMENT SHOWN IN THIS PLAN ARE EXISTING UNLESS OTHERWISE NOTED. SANITARY PIPING ON THIS SHEET IS BELOW GRADE, ALL HW, CW, HWR, AND VENT ARE IN CEILINGS.

B. SEE SHEET PD2.02 FOR CONTINUATION ABOVE.

C. PLUMBING FIXTURES CALLED OUT AS "SALVAGED" SHALL BE STORED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. TEMPORARILY SEAL EXPOSED ENDS OF SALVAGED FIXTURE CONNECTIONS TO REMAIN TO PROTECT FROM CONSTRUCTION DEBRIS.

D. AS-BUILT LOCATIONS BASED ON BEST POSSIBLE INFORMATION. FIELD VERIFICATION REQUIRED BY CONTRACTOR FOR DEMOLITION, SALVAGE, AND PROTECTION PRIOR TO START OF WORK.

KEY NOTES

1. SALVAGE EXISTING PLUMBING AND SANITARY SEWER IN AREAS OF SEISMIC WORK. FOR REPLACEMENT AND SALVAGE INSTALLATION SEE SHEET P2.01.
2. SALVAGE SEVEN URINALS IN AREA OF SEISMIC WORK. SEE SHEET P2.01 FOR REINSTALLATION.
3. PROTECT EXISTING PLUMBING IN THE WALL NEAR SEISMIC WORK AND THROUGH SHEAR WALL.
4. DEMOLISH SANI SEWER IN GROUND IN SEISMIC FOOTING AREA AND TEMPORARILY CAP AND PROTECT FOR EXCAVATION AND FOOTING INSTALL PER DETAILS 1/P2.00 AND 2/P2.00.
5. CONTRACTOR SHALL VERIFY LOCATION AND PROTECT SANITARY SEWER BEFORE AND DURING SEISMIC WORK ON FOOTINGS AND WALLS.
6. SALVAGE EXISTING WATER CLOSET AND LAVATORY IN AREA OF SEISMIC WORK. SEE SHEET P2.01 FOR REINSTALLATION.
7. PROTECT EXISTING PIPING THROUGH THE FIRST FLOOR CEILING. SEE STRUCTURAL SHEETS FOR NEW ANGLE IRON BEING INSTALLED AT SECOND FLOOR STRUCTURE AND ACCOMMODATIONS FOR UTILITIES ALONG THE WALL.
8. DEMOLISH EXTERIOR HOSE BIBB. WALL PATCH BY OTHERS.
9. PROTECT TRAP PRIMER VALVE MANIFOLD AND ALL BURIED TRAP PRIMER LINES.

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PLUMBING
DEMOLITION -
LEVEL 1

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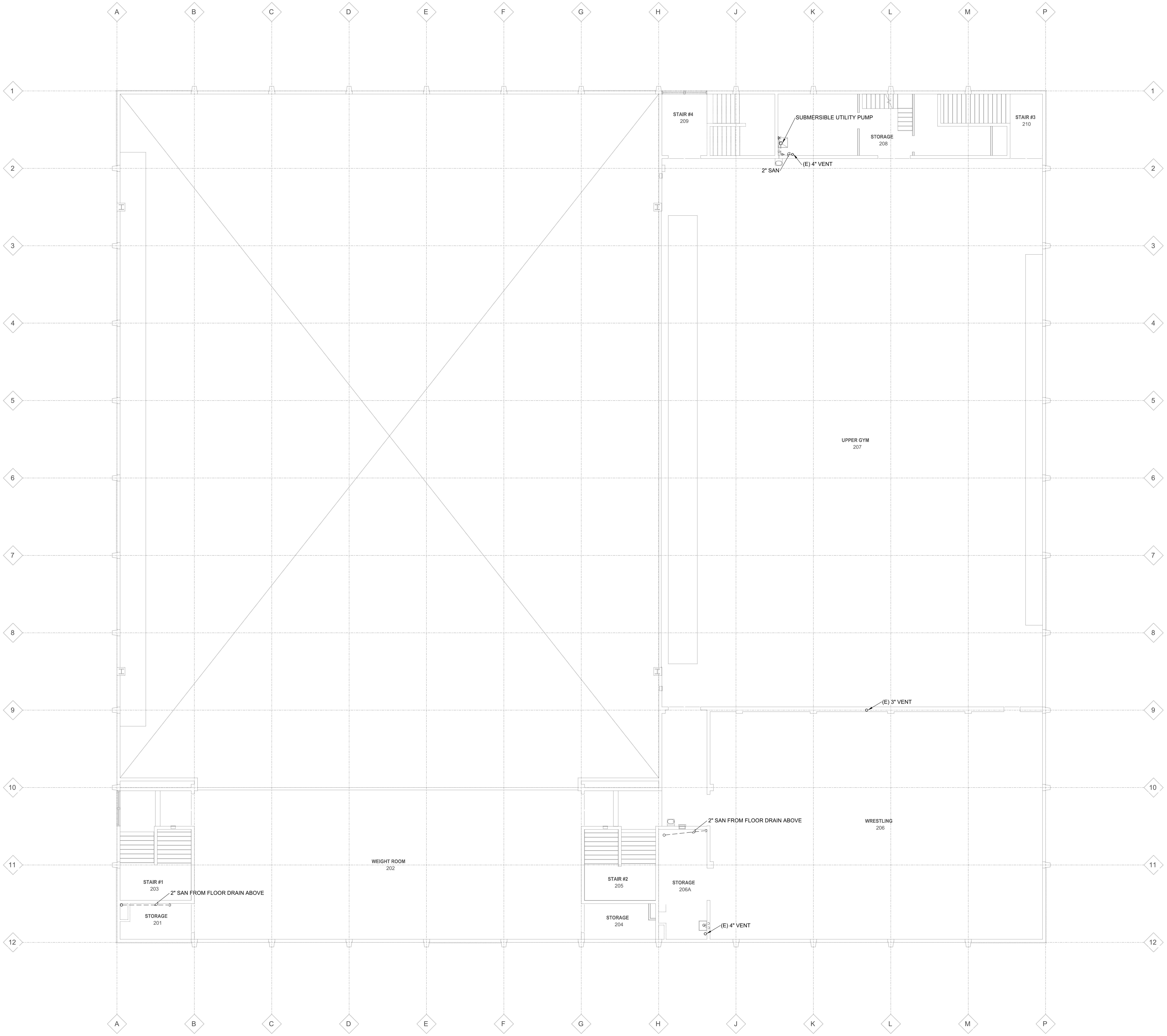

1 PLUMBING DEMOLITION PLAN - LEVEL 2

1/8" = 1'-0"

SHEET NOTES

A. ALL PIPING AND EQUIPMENT SHOWN IN THIS PLAN ARE EXISTING.

B. SEE SHEET PD2.01 FOR CONTINUATION BELOW AND SHEET PD2.03 FOR CONTINUATION ABOVE.

C. PLUMBING FIXTURES CALLED OUT AS "SALVAGED" SHALL BE STORED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. TEMPORARILY SEAL EXPOSED ENDS OF SALVAGED FIXTURE CONNECTIONS TO REMAIN TO PROTECT FROM CONSTRUCTION DEBRIS.

D. AS-BUILT LOCATIONS BASED ON BEST POSSIBLE INFORMATION. FIELD VERIFICATION REQUIRED BY CONTRACTOR PRIOR TO START OF WORK.

NORTH

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PLUMBING DEMOLITION - LEVEL 2

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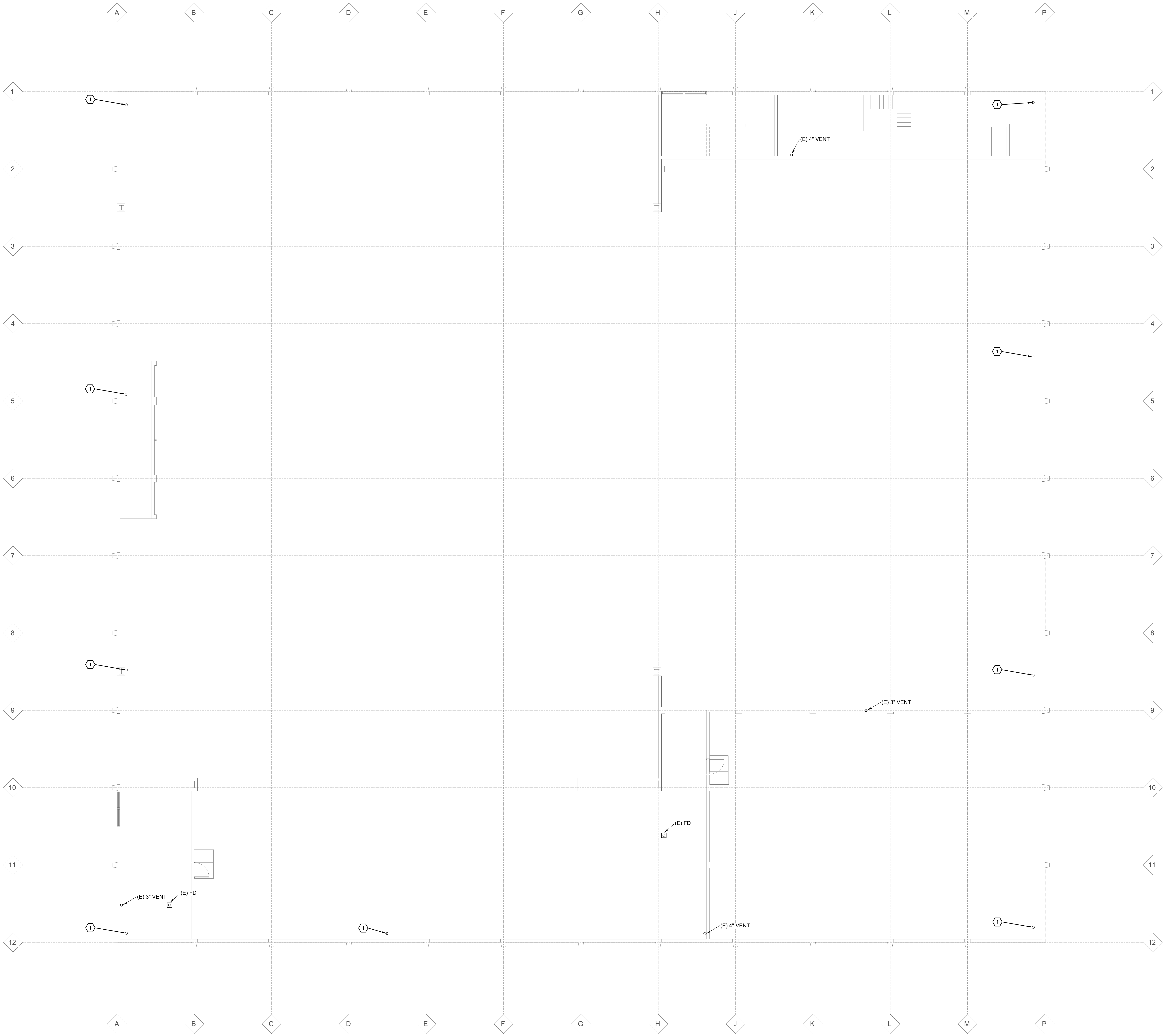

1 PLUMBING DEMOLITION PLAN - LEVEL 3

1/8" = 1'-0"

NORTH

SHEET NOTES

A. ALL PIPING AND EQUIPMENT SHOWN IN THIS PLAN ARE EXISTING.

B. SEE SHEET PD2.02 FOR CONTINUATION BELOW AND SHEET PD2.04 FOR CONTINUATION ABOVE.

C. AS-BUILT LOCATIONS BASED ON BEST POSSIBLE INFORMATION. FIELD VERIFICATION REQUIRED BY CONTRACTOR PRIOR TO START OF WORK.

KEY NOTES

1. PROTECT EXISTING DRAIN PIPING FROM ROOF DURING CONSTRUCTION ACTIVITIES AND TEMPORARILY CAP PIPE TO KEEP DEBRIS OUT.

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PLUMBING DEMOLITION - LEVEL 3

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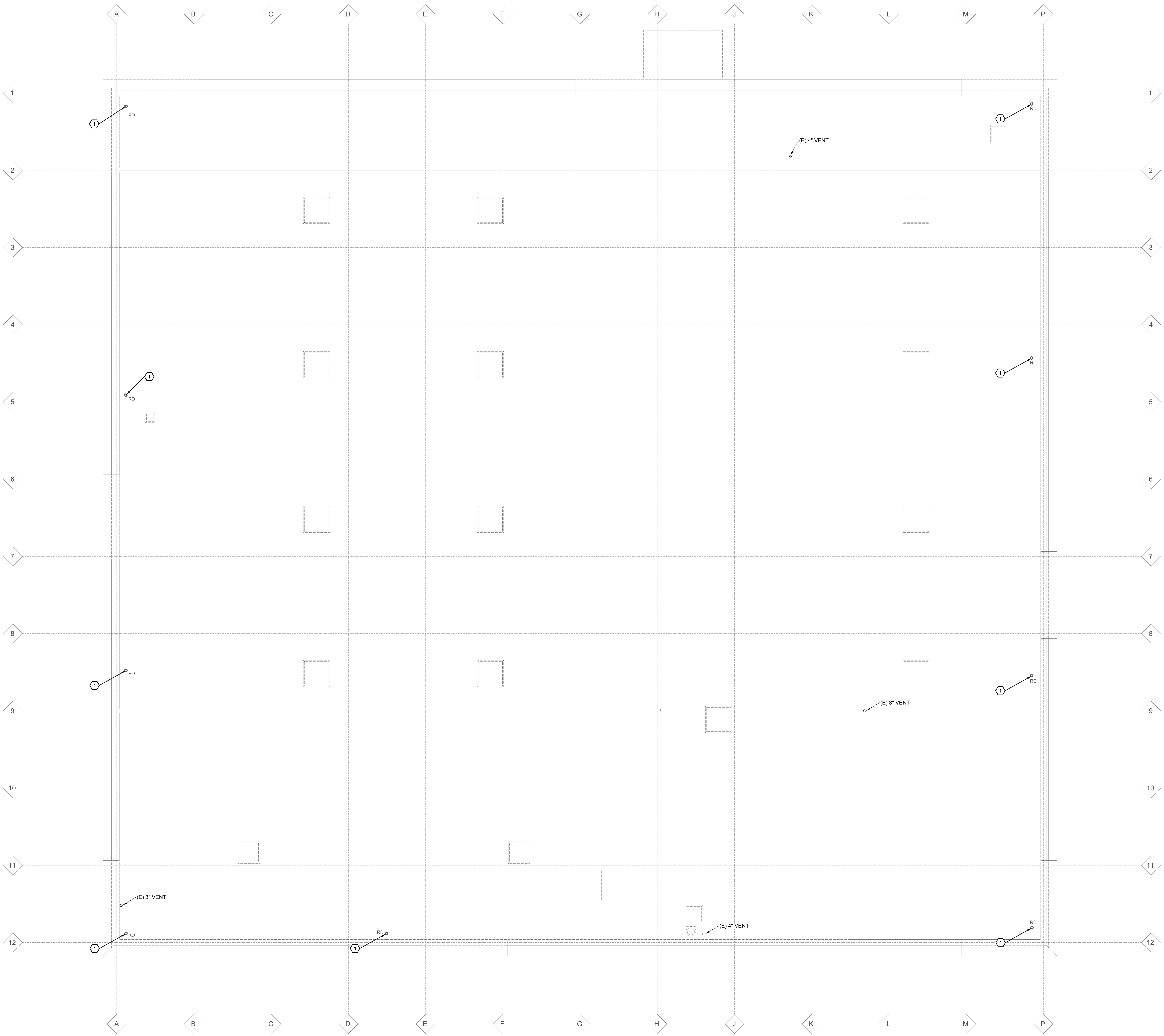

1 PLUMBING DEMOLITION PLAN - ROOF

1/8" = 1'-0"

NORTH

SHEET NOTES

- A. ALL PIPING AND EQUIPMENT SHOWN IN THIS PLAN ARE EXISTING.
- B. SEE SHEET PD2.03 FOR CONTINUATION BELOW.
- C. PLUMBING FIXTURES CALLED OUT AS "SALVAGED" SHALL BE STORED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. TEMPORARILY SEAL EXPOSED ENDS OF SALVAGED FIXTURE CONNECTIONS TO REMAIN TO PROTECT FROM CONSTRUCTION DEBRIS.
- D. AS-BUILT LOCATIONS BASED ON BEST POSSIBLE INFORMATION. FIELD VERIFICATION REQUIRED BY CONTRACTOR PRIOR TO START OF WORK.

KEY NOTES

1. DEMOLISH EXISTING ROOF DRAINS TO ACCOMMODATE FOR INSTALLATION OF NEW ROOF MEMBRANE. EXISTING ROOF DRAIN PIPING SHALL BE TEMPORARILY CAPPED AND REMAIN.

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EXPIRES: 12/31/24

NORTH MEDFORD HIGH SCHOOL GYM SEISMIC UPGRADES
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Revisions

No.	Description	Date

Date 04/01/24
Job No.
Drawn By AEL
Checked By AMM

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Date
04/01/2024

Project Number

Drawing Title
PLUMBING
DEMOLITION -
ROOF

Sheet No
PD2.04

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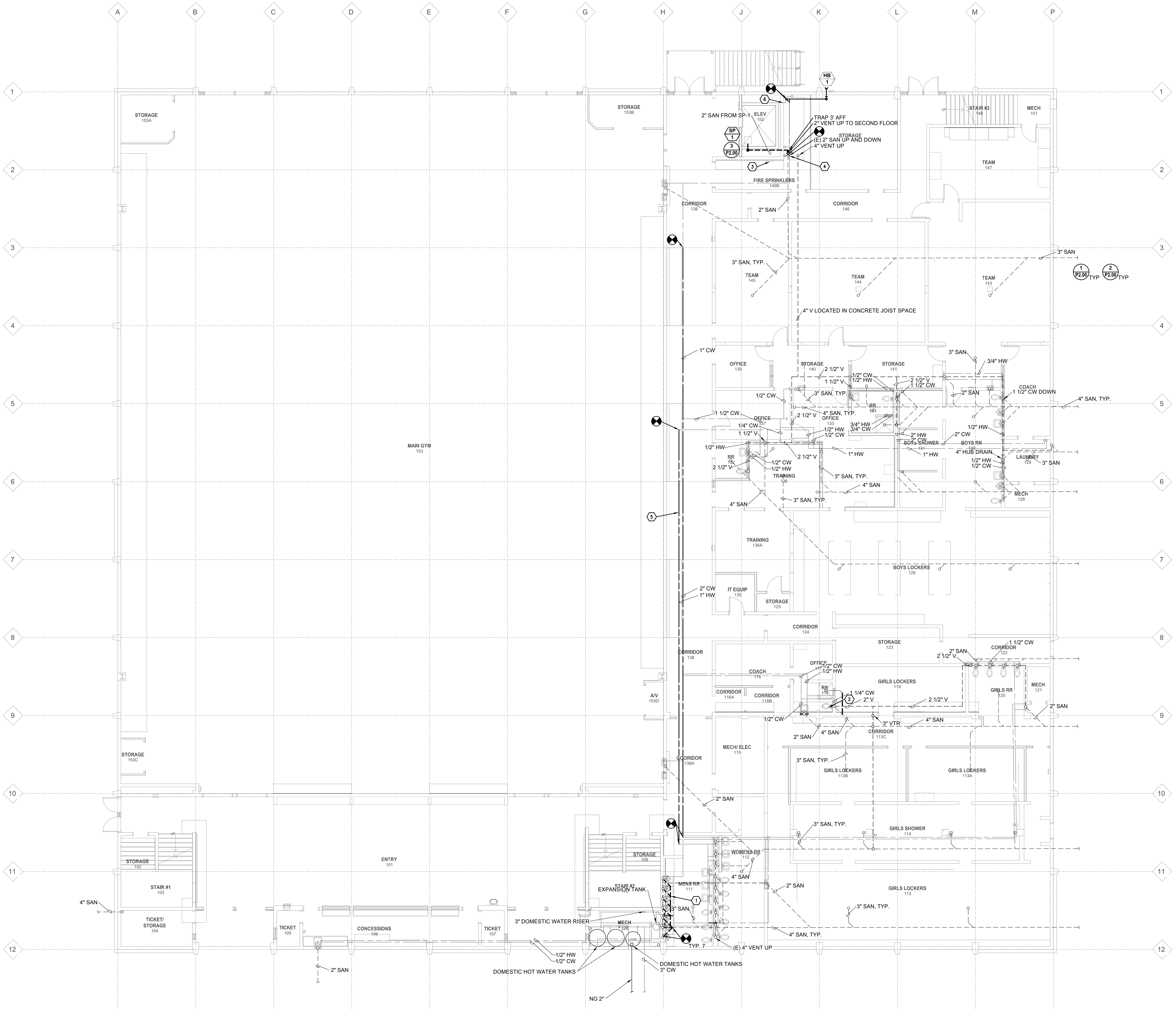

1 PLUMBING PLAN - LEVEL 1

1/8" = 1'-0"

NORTH

SHEET NOTES

A. UNLESS OTHERWISE NOTED NEW PIPING SHALL BE RECONNECTED TO EXISTING AT POC CALLOUTS.

B. SEE SHEET P2.02 FOR CONTINUATION ABOVE.

C. UNLESS OTHERWISE NOTED SANITARY PIPING SHALL BE INSTALLED BELOW THE SLAB, COLD WATER AND HOT WATER SHALL BE INSTALLED ABOVE THE CEILING.

D. PROVIDE NEW INSULATION FOR ALL NEW AND REINSTALLED SALVAGED PIPING.

KEY NOTES

1. REINSTALL SALVAGED URINALS, EXTEND CW AND SAN THROUGH NEW FRP SHEAR WALL. REPLACE OR PROTECT SANITARY DRAINS THROUGH NEW FOOTING.
2. REINSTALL SALVAGED LAVATORY AND WATER CLOSET. EXTEND CW, HW, AND SAN AS NEEDED THROUGH NEW RFP SHEAR WALL. REPLACE OR PROTECT SANITARY DRAIN THROUGH NEW FOOTING..
3. LOCATION OF THE ELEVATOR SUMP PUMP POWER CONNECTION AND ALARM PANEL.
4. CONNECT 2" DRAIN FROM SUMP PUMP TO THE EXISTING 2" SANITARY DRAIN IN THIS LOCATION. PROVIDE A P-TRAP IN THE FIRE SPRINKLER ROOM AND A 2" VENT UP TO THE SECOND FLOOR.
5. REINSTALL EXISTING PIPING AND FIXTURES IN AREAS OF SEISMIC WORK. CONNECT TO EXISTING AT CLOSEST TRANSITION.
6. CONNECT NEW 3/4" CW TO NEW HOSE BIBB (HB-1) LOCATION

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Drawing Title
PLUMBING PLAN - LEVEL 1

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P2.01

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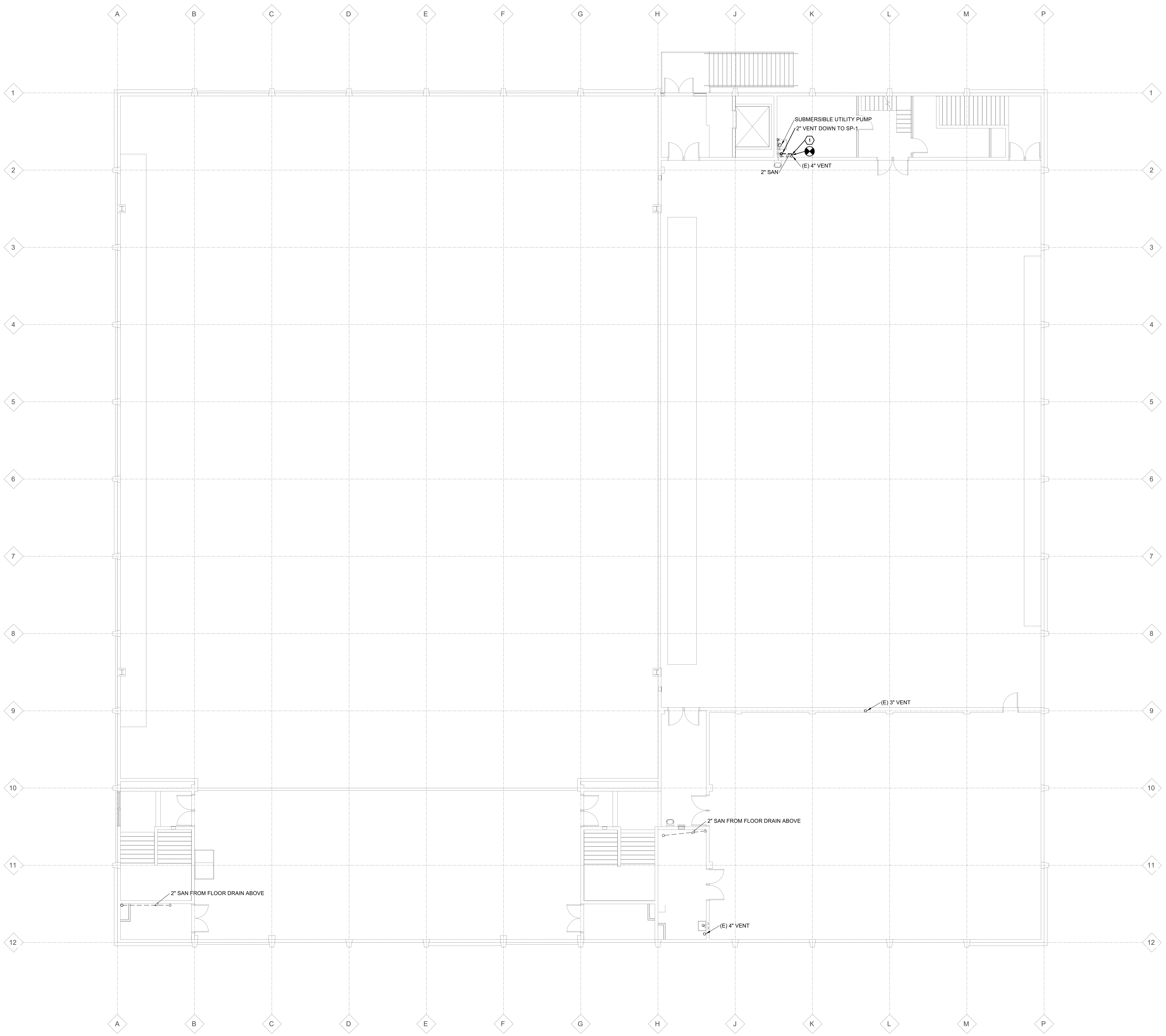

1 PLUMBING PLAN - LEVEL 2

1/8" = 1'-0"

NORTH

SHEET NOTES

A. UNLESS OTHERWISE NOTED NEW PIPING SHALL BE RECONNECTED TO EXISTING AT POC CALLOUTS.

B. SEE SHEET P2.01 FOR CONTINUATION BELOW AND SHEET P2.03 FOR CONTINUATION ABOVE.

KEY NOTES

1. CONNECT 2" VENT FROM ELEVATOR SUMP PUMP TO MAIN 4" VENT ABOVE ALL OTHER VENT CONNECTIONS. INSTALL VENT ALONG THE WALL. SEE DETAIL 3 ON SHEET P2.00 FOR ELEVATOR SUMP PUMP VENT CONNECTION.

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Drawing Title
PLUMBING PLAN - LEVEL 2

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P2.02

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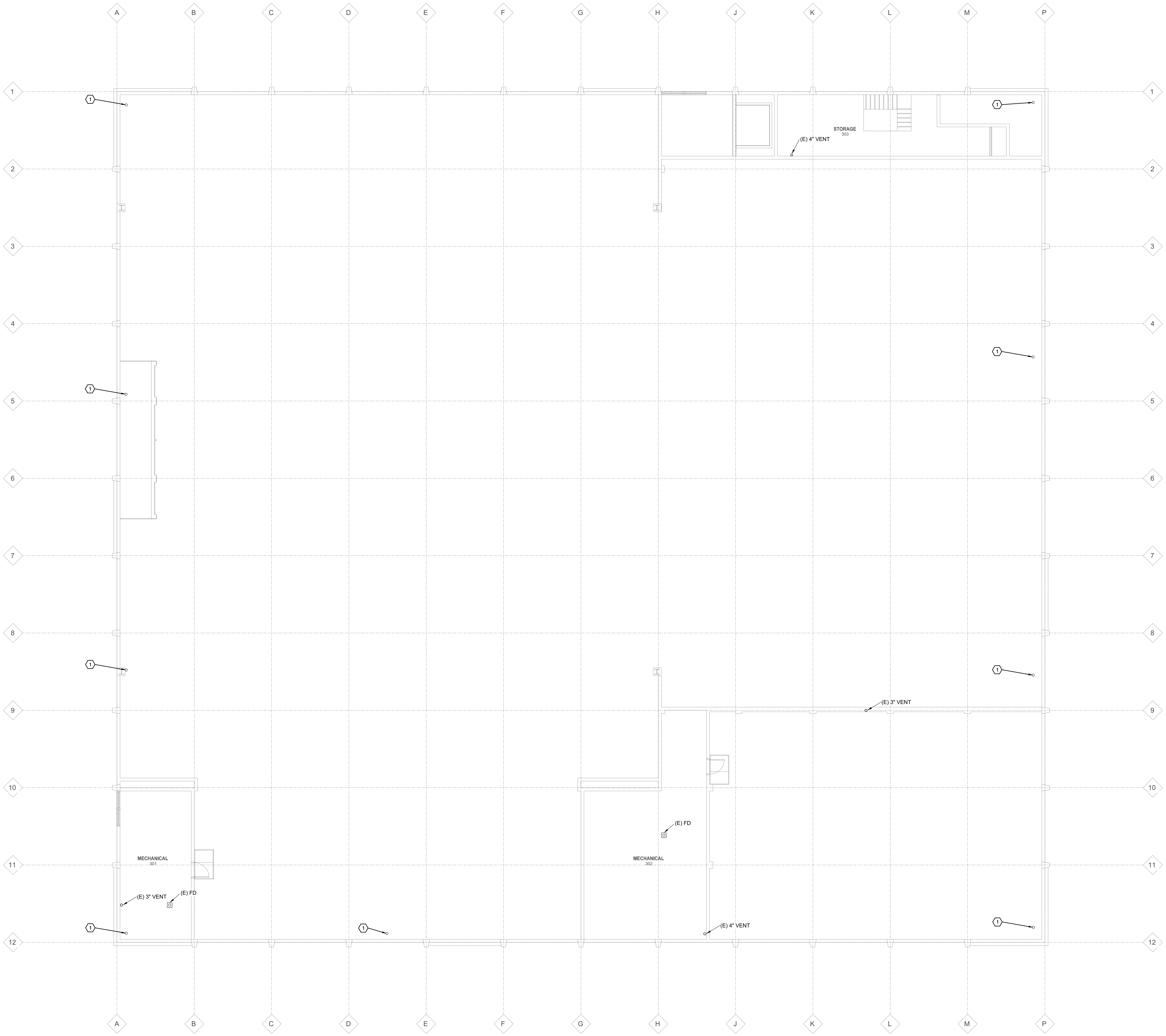

1 PLUMBING PLAN - LEVEL 3

1/8" = 1'-0"

NORTH

SHEET NOTES

A. UNLESS OTHERWISE NOTED NEW PIPING SHALL BE RECONNECTED TO EXISTING AT POC CALLOUTS.

B. SEE SHEET P2.02 FOR CONTINUATION BELOW AND SHEET P2.04 FOR CONTINUATION ABOVE.

KEY NOTES

1. CONNECT NEW ROOF DRAINS TO THE EXISTING ROOF DRAIN PIPING. CONTRACTOR SHALL VERIFY PIPE CONNECTION SIZE PRIOR TO WORK.

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Project Number

Drawing Title

PLUMBING PLAN - LEVEL 3

Sheet No
P2.03

DATE
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SHEET NOTES

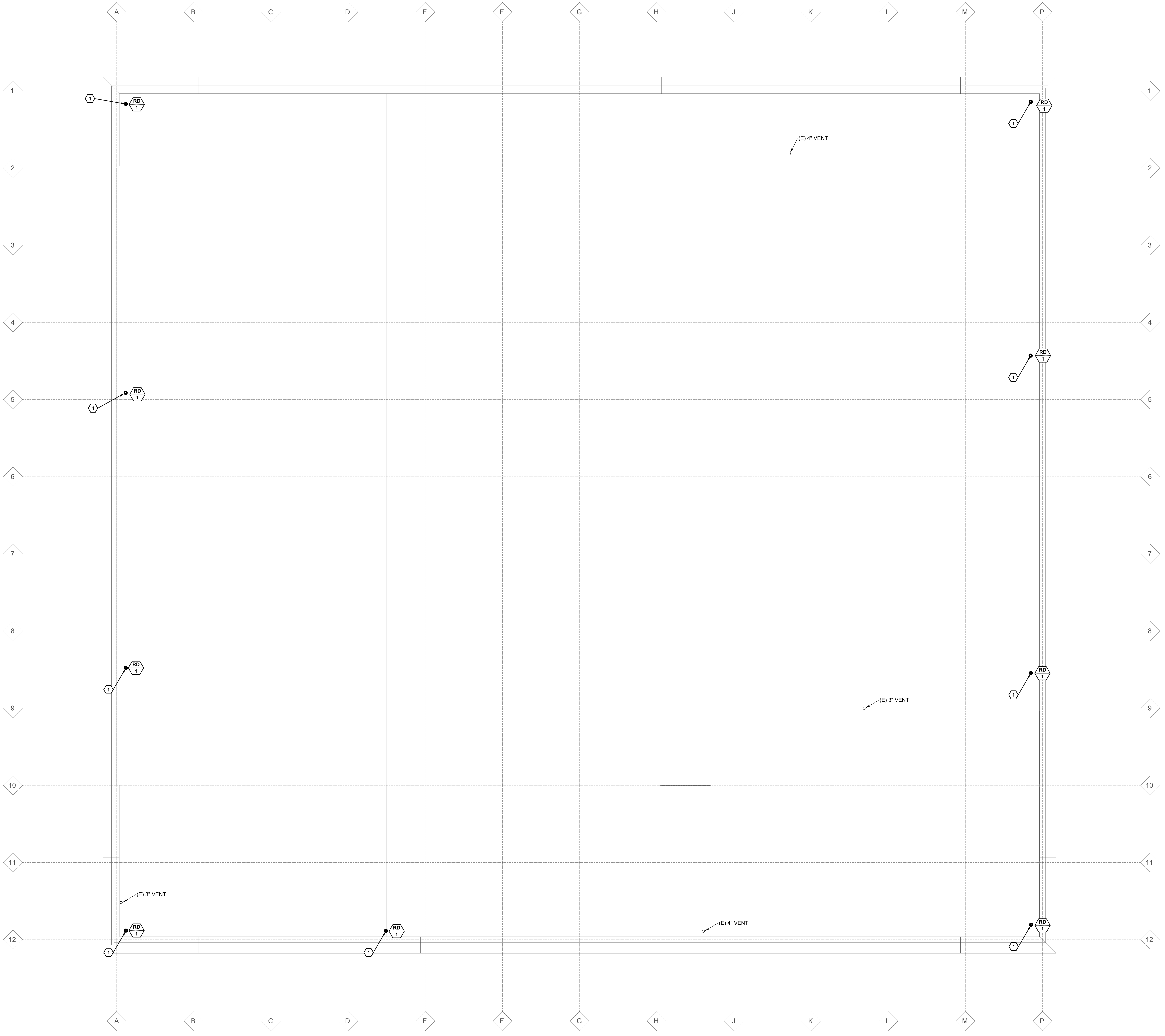
A. UNLESS OTHERWISE NOTED NEW PIPING SHALL BE RECONNECTED TO EXISTING AT POC CALLOUTS.

B. SEE SHEET P2.03 FOR CONTINUATION BELOW.

KEY NOTES

1. PROVIDE NEW ROOF DRAIN (RD-1). VERIFY PIPE CONNECTION SIZE PRIOR TO WORK. INSTALL AND CONNECT TO EXISTING ROOF DRAIN PIPING AS PER DETAIL 1 ON SHEET A8.11. REFERENCE ROOF ASSEMBLE XR1 SHEET A0.01.

6/ A8.11



1 PLUMBING PLAN - ROOF

1/8" = 1'-0"

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PLUMBING PLAN - ROOF

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P2.04

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SHEET INDEX

FS2.00	FIRE SPRINKLER LEGEND
FS2.01	FIRE SPRINKLER PLAN - LEVEL 1

GENERAL SYMBOLS

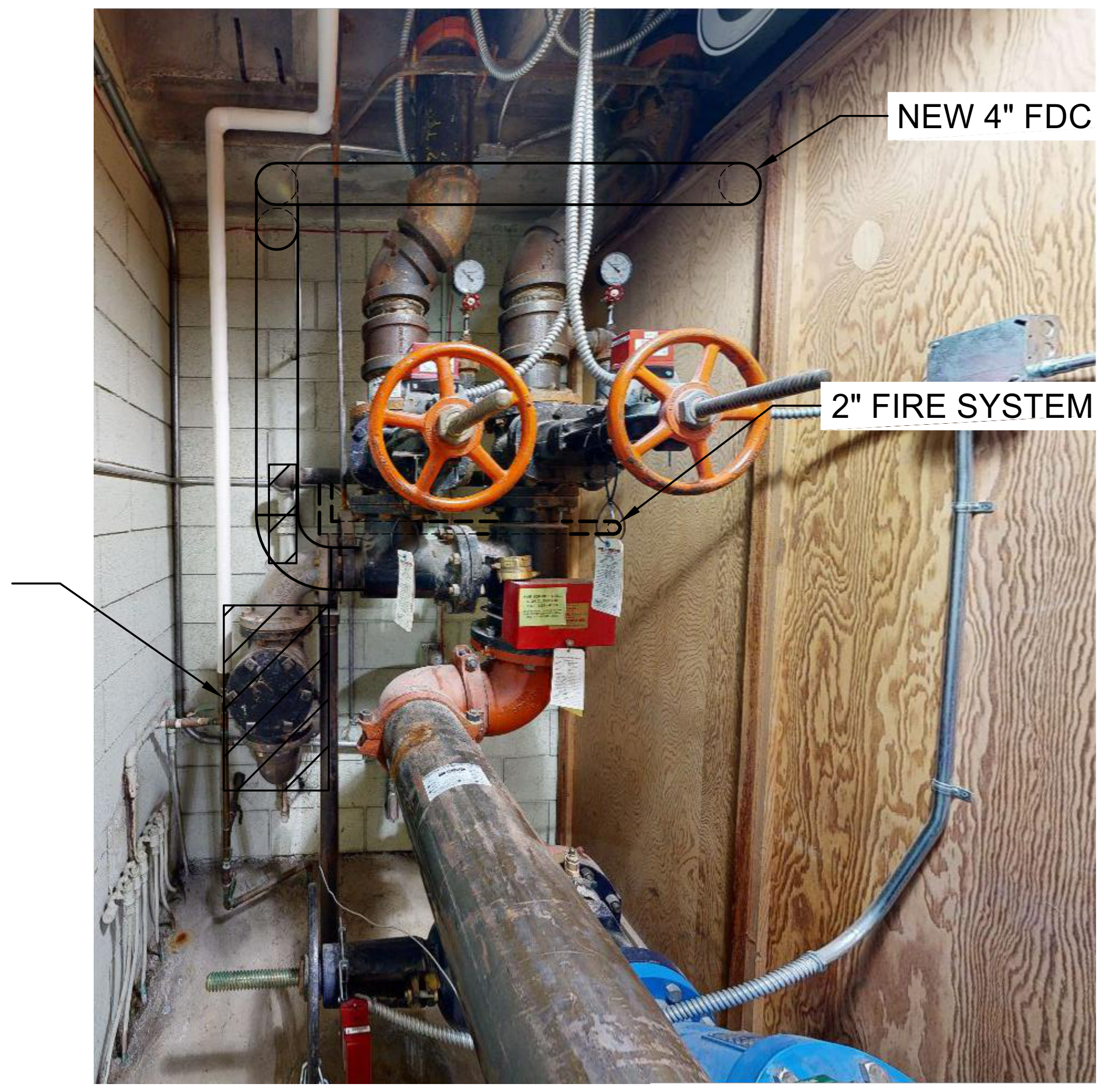
(C)	CAP FOR FUTURE
⊗	POINT OF NEW CONNECTION
△ X	REVISION NUMBER
XX	POINT OF CONTINUATION
XX XX	EQUIPMENT TAG EQUIPMENT NUMBER
1 –	SECTION (LETTER) OR DETAIL (NUMERICAL) DESIGNATION SHEET NUMBER
1 -	SECTION DESIGNATION SHEET NUMBER
GPM | X"	PIPE SIZE AND FLOW TAG
——⁄\/——	GENERAL BREAK
——————ʃ	LINE BREAK
⬡1 →	KEY NOTES
(E)	EXISTING
(F)	FUTURE
▩	SALVAGE FOR REINSTALLATION
▨	ITEMS FOR DEMOLITION AS NOTED

PIPING SYMBOLS

——— CD ———	CONDENSATE DRAIN ABOVE FLOOR OR GRADE
-------- CD --------	CONDENSATE DRAIN BELOW FLOOR OR GRADE
——————	SOIL PIPE ABOVE FLOOR OR GRADE
— — — — — —	BUILDING SANITARY BELOW FLOOR OR GRADE
– – – – – – – –	VENT
——— RD ———	RAIN DRAIN ABOVE FLOOR OR GRADE
-------- RD --------	RAIN DRAIN BELOW FLOOR OR GRADE
——— RDO ———	RAIN DRAIN OVERFLOW ABOVE FLOOR OR GRADE
-------- RDO ------	RAIN DRAIN OVERFLOW BELOW FLOOR OR GRADE
——————	COLD WATER
——————	HOT WATER
——————	HOT WATER RETURN
——— NG ———	NATURAL GAS
——— TP ———	TRAP PRIMER
———┼Ͻ	PIPE DOWN
———┼○	PIPE UP
——┼Ͼ┼——	TEE DOWN
——┼○┼——	TEE UP
———┼┼	ELBOW
——┼┼┼——	TEE
———]	CAP
——▷——	CONCENTRIC REDUCER / INCREASER
——┤|├——	UNION
⊓⊓	FIRE DEPARTMENT CONNECTION

ABBREVIATIONS

ACH	AIR CHANGES PER HOUR
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
AP	ACCESS PANEL
ARCH	ARCHITECT OR ARCHITECTURAL
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BM	BEAM
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STEEL
BTU	BRITISH THERMAL UNIT
CFH	CUBIC FEET PER HOUR
CLG	CEILING
CO	CLEAN OUT
CONSTR	CONSTRUCTION
CTG	CLEAN OUT TO GRADE
CW	COLD WATER
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION
ET	EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
°F	FAHRENHEIT
FC	FLEXIBLE CONNECTOR
FLR	FLOOR
GC	GENERAL CONTRACTOR
GM	GAS METER
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HP	HORSEPOWER
HR	HOUR
HW	HOT WATER (POTABLE)
HWR	HOT WATER RECIRCULATION (POTABLE)
IE	INVERT ELEVATION
L	LAVATORY
LB(S)	POUND, POUNDS
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MBS	MODERN BUILDING SYSTEMS
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVER CURRENT PROTECTION
NC	NORMALLY CLOSED
NG	NATURAL GAS
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OPSC	2021 OREGON PLUMBING SPECIALTY CODE
OMSC	2022 OREGON MECHANICAL SPECIALTY CODE
OSSC	2022 OREGON STRUCTURAL SPECIALTY CODE
POC	POINT OF CONNECTION
PRV	PRESSURE RELIEF VALVE
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TANK
PVC	POLYVINYL CHLORIDE
RD	ROOF DRAIN
RDO	ROOF DRAIN OVERFLOW
REQ'D	REQUIRED
RPM	REVOLUTIONS PER MINUTE
SAN	SANITARY DRAIN
SF/SQ FT	SQUARE FEET
SH	SHOWER
SIM	SIMILAR
SPEC	SPECIFICATION OR SPECIFIED
SS	STAINLESS STEEL
STD	STANDARD
T	THERMOSTAT
TPRV	THERMAL PRESSURE RELIEF VALVE
TEMP	TEMPERATURE
TOS	TOP OF STEEL
TYP	TYPICAL
U	URINAL
UON	UNLESS OTHERWISE NOTED
V	VENT
VFD	VARIABLE FREQUENCY DRIVE
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTOR



NEW 4" FDC PIPE THROUGH ADJACENT ROOM.

2" FIRE SYSTEM DRAIN THROUGH ADJACENT ROOM.

DEMOLISH EXISTING 4" FDC PIPING

1 FIRE STANDPIPE ASSEMBLY MODIFICATIONS

NTS

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Drawing Title
FIRE SPRINKLER
LEGEND

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FS2.00

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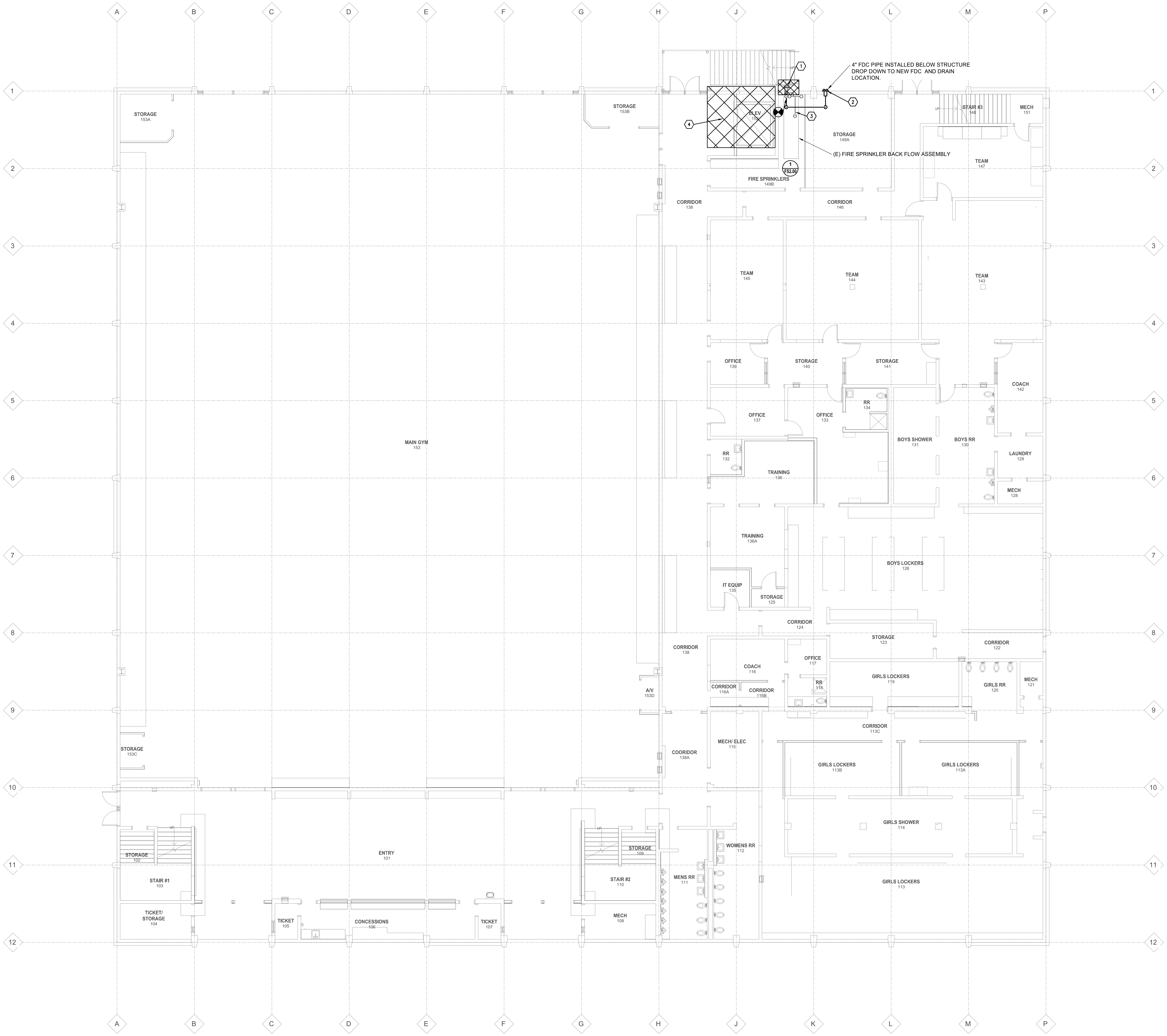

1 FIRE SPRINKLER PLAN - LEVEL 1

1/8" = 1'-0"

NORTH

SHEET NOTES

A. THE EXISTING GYM BUILDING HAS FIRE SPRINKLER PROTECTION. DESIGN BUILD CONTRACTOR SHALL PROVIDE MODIFICATIONS TO THE EXISTING FIRE SPRINKLER SYSTEM TO ACCOMMODATE A NEW ELEVATOR AND SEISMIC WORK THROUGH OUT THE BUILDING.

KEY NOTES

1. SALVAGE EXISTING FIRE DEPARTMENT CONNECTION AND DEMOLISH EXISTING 2" SYSTEM DRAIN. WALL PATCH BY OTHERS.
2. REINSTALL FIRE DEPARTMENT CONNECTION SOUTH OF GRID LINE K CLEAR OF NEW STAIRS. PROVIDE LOCKING CAPS. PROVIDE NEW 2" SYSTEM DRAIN.
3. PROTECT EXISTING FIRE SPRINKLER STANDPIPE NEAR SHEARWALL DURING SEISMIC WORK.
4. DEMOLISH FIRE SPRINKLER DISTRIBUTION MAIN PIPE IN STAIRWELL IN PREPARATION FOR NEW ELEVATOR (BY OTHERS). DESIGN BUILD CONTRACTOR SHALL MAKE MODIFICATIONS TO FIRE SPRINKLER PIPING AROUND AND INTO NEW ELEVATOR SHAFT AS REQUIRED BY CODE.

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FIRE SPRINKLER PLAN - LEVEL 1

Sheet No
FS2.01

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DEMOLITION NOTES

1. THE ELECTRICAL DRAWINGS SHOW THE SCOPE OF THE EXISTING ELECTRICAL WORK TO BE REMOVED. THE EXACT LOCATIONS, CONFIGURATIONS AND ROUTING OF UNDERGROUND SERVICES ARE NOT KNOWN. USE LOCATE SERVICE AND EXPLORATORY EXCAVATION AS REQUIRED TO FIELD VERIFY ALL SERVICES, ETC. THAT MAY BE ENCOUNTERED DURING EXCAVATION AND DEMOLITION. USE EXTREME CAUTION. REMOVE OR REROUTE EXISTING SERVICES AS SHOWN OR AS REQUIRED.
2. VERIFY THAT ALL EXISTING EQUIPMENT TO REMAIN IS IN PROPER WORKING ORDER. ANY ITEMS IN A NON–WORKING CONDITION SHALL BE REPLACED OR REPAIRED AS NECCESSARY.
3. REMOVE ALL UNUSED WIRING BACK TO ORIGIN, OR NEXT DEVICE OUTSIDE OF PROJECT LIMITS, INCLUDING WIRING DISCONNECTED UNDER THIS CONTRACT OR UNCOVERED BY DEMOLITION.
4. WHERE UNUSED WIRING TERMINATES AT A PANELBOARD AND NO LOADS ARE ON THAT CIRCUIT, REMOVE WIRING AND RE–LABEL THE EXISTING CIRCUIT AS "SPARE". TURN ALL SPARE BREAKERS OFF.
5. UNUSED UNDERGROUND RACEWAY MAY BE ABANDONED IN PLACE WHERE NOT IN CONFLICT WITH NEW WORK. REMOVE ALL UNUSED RACEWAY WHERE REQUIRED BY NEW WORK, INCLUDING RACEWAY DISCONNECTED UNDER THIS CONTRACT OR UNCOVERED BY DEMOLITION.
6. MAINTAIN CIRCUIT CONTINUITY AS REQUIRED FOR SERVICES AND EQUIPMENT TO REMAIN, INCLUDING THOSE UNCOVERED BY DEMOLITION. COORDINATE WITH NEW WORK AND RE–ROUTE CONDUIT AND WIRE AS REQUIRED TO AVOID CONFLICT WITH NEW WORK.
7. CORRECT WIRING METHOD CODE VIOLATIONS UNCOVERED BY DEMOLITION. PROVIDE JUNCTION BOXES FOR ALL SPLICES.
8. ALL NEW AND REMAINING JUNCTION AND PULL BOXES SHALL BE ACCESSIBLE PER NFPA 70. RELOCATE EXISTING BOXES AS REQUIRED BY NEW CONSTRUCTION.
9. ALL MATERIALS REMOVED ARE THE PROPERTY OF THE OWNER, AND SHALL BE REMOVED FROM THE JOBSITE AT THE CONTRACTOR'S EXPENSE.

ELEVATOR NOTES

1. PROVIDE SMOKE DETECTORS IN ELEVATOR SHAFTS, ELEVATOR EQUIPMENT SPACES AND ELEVATOR LOBBIES.
2. PROVIDE FIRE ALARM SYSTEM CONNECTIONS TO ELEVATOR CONTROLS FOR PRIMARY AND ALTERNATE ELEVATOR RECALL, HAT FLASH.
3. PROVIDE FIRE ALARM SYSTEM CONNECTION TO ELEVATOR MAIN POWER SUPPLY FOR SHUNT TRIP.
4. PROVIDE RATE–COMPENSATED HEAT DETECTORS IN ELEVATOR SHAFT AND IN ELEVATOR MACHINE ROOM. PROVIDE INTERLOCKS BETWEEN HEAT DETECTORS, FIRE SPRINKLER FLOW SWITCHES AND ELEVATOR MAIN POWER SUPPLY SHUNT TRIP PER ANSI A17.1.
5. PROVIDE TELEPHONE VOICE COMMUNICATIONS CONNECTION TO ELEVATOR CABS. WIRING INSIDE ELEVATOR SHAFTS WILL BE BY ELEVATOR CONTRACTOR.
7. PROVIDE 120V POWER SUPPLY CONNECTION TO ELEVATOR CAB LIGHTS. WIRING INSIDE ELEVATOR SHAFT WILL BE BY ELEVATOR CONTRACTOR.
8. DISCONNECT SWITCHES FOR THE MAIN POWER SUPPLY AND CAB LIGHTS SHALL BE FUSIBLE SWITCH OR MANUAL RESET CIRCUIT BREAKER TYPE WITH AUXILIARY CONTACTS FOR ELEVATOR CONTROL INTERLOCKS, AND LOCKABLE IN THE OPEN POSITION WITH A PADLOCK. MAIN POWER SUPPLY DISCONNECT SHALL HAVE SHUNT TRIP.
9. INSTALL EQUIPMENT AND DEVICES IN ELEVATOR EQUIPMENT SPACES AND PITS IN LOCATIONS AS INDICATED ON ELEVATOR SHOP DRAWINGS.
10. VERIFY ELEVATOR POWER SUPPLY AND CONTROL ELECTRICAL REQUIREMENTS WITH ELEVATOR SHOP DRAWINGS.

ELECTRICAL GENERAL NOTES

SEE DIVISION 26 SPECIFICATIONS FOR EXPANDED REQUIREMENTS.

1. WORK INCLUDES INSTALLATION OF ALL ELECTRICAL SYSTEMS COMPLETE AND OPERATIONAL TO THE SATISFACTION OF THE OWNER, AS LIMITED BY THE CONTRACT DOCUMENTS.
2. PERFORM ELECTRICAL WORK IN ACCORDANCE WITH THE 2023 EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70) WITH OREGON AMENDMENTS (2023 OESC), NATIONAL ELECTRICAL SAFETY CODE (ANSI IEEE C2) AND ALL LOCAL RULES AND REGULATIONS.
3. CONFORM TO DIVISION 1 SPECIFICATIONS SECTIONS REGARDING PERMITS.
4. VISIT THE JOB SITE AND VERIFY ALL EXISTING CONDITIONS AND THE EXTENT OF REMOVAL, RELOCATION, RECONNECTION AND/OR NEW WORK PRIOR TO BIDDING. BID SUBMISSION SHALL BE CONSIDERED AS EVIDENCE OF SITE INSPECTION AND RESOLUTION OF ALL DISCREPANCIES AND QUESTIONS. NO EXTRA PAYMENT WILL BE AUTHORIZED FOR WORK MADE NECESSARY BY FAILURE TO VISIT THE SITE.
5. SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR ALL LUMINAIRES, EQUIPMENT AND DEVICES COVERED BY THIS CONTRACT FOR APPROVAL PRIOR TO ORDERING. SHOP DRAWINGS SHALL BEAR THE CONTRACTOR'S STAMP AND SIGNATURE INDICATING THEY HAVE BEEN CHECKED AND ARE IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. SHOP DRAWINGS NOT BEARING CONTRACTOR APPROVAL WILL BE RETURNED WITHOUT REVIEW.
6. SHOP DRAWINGS ARE INTENDED TO SHOW UNDERSTANDING OF, AND COMPLIANCE WITH, THE CONTRACT DOCUMENTS. CAD FILES OF THE PROJECT DOCUMENTS WILL NOT BE AVAILABLE FOR USE AS SHOP DRAWINGS WITHOUT PRIOR CLEARANCE AND ACCEPTANCE OF ELECTRONIC MEDIA RELEASE FORM.
7. SHOULD PROJECT CONDITIONS, INCLUDING CONDITIONS UNCOVERED BY DEMOLITION OR CHANGES TO OTHER TRADES, REQUIRE REARRANGEMENT OF WORK, MARK SUCH CHANGES ON AS–BUILT DRAWINGS. IF PROJECT CONDITIONS REQUIRE UNSPECIFIED MATERIALS OR METHODS, SUBMIT REQUEST FOR INFORMATION (RFI) TO THE ARCHITECT WITH DRAWINGS SHOWING THE PROPOSED ALTERNATIVE MATERIALS OR METHODS. DO NOT PROCEED WITH THE WORK UNTIL APPROVAL IS OBTAINED. RFIs SUBMITTED WITHOUT PROPOSED SOLUTIONS WILL BE RETURNED WITHOUT REVIEW. REARRANGEMENT OF WORK FOR THE PURPOSE OF COORDINATION BETWEEN TRADES SHALL NOT BE CONSIDERED REASON FOR EXTRA COST.
8. OBTAIN AND REVIEW PRODUCT DATA. SHOP DRAWINGS AND INSTALLATION INSTRUCTIONS FOR OWNER–FURNISHED EQUIPMENT, AND EQUIPMENT FURNISHED BY OTHER TRADES. VERIFY ELECTRICAL REQUIREMENTS OF EQUIPMENT ACTUALLY PROVIDED PRIOR TO ROUGH–IN.
9. PROVIDE RECORD DOCUMENTS AT THE CLOSE OF CONSTRUCTION. INCLUDE OPERATIONS AND MAINTENANCE MANUALS FOR ALL EQUIPMENT, AND COPIES OF WARRANTIES, TEST RECORDS AND CERTIFICATIONS. INCLUDE AS–BUILT DRAWINGS: SHOW ALL CHANGES MADE PER PROJECT CONDITIONS, LOCATIONS OF ALL DISTRIBUTION APPARATUS, PULL AND JUNCTION BOXES, AND ROUTING OF CONDUITS 2" AND LARGER.
10. INSTALL ALL FEEDERS AND EXPOSED BRANCH CIRCUITS IN CONDUIT. CONCEAL ALL CONDUIT IN FINISHED AREAS; USE SURFACE METAL RACEWAY IN EXISTING FINISHED AREAS WHERE CONDUIT CANNOT BE CONCEALED. ALL CONDUIT IN UNFINISHED AREAS MAY BE EXPOSED. MINIMUM CONDUIT SIZE IS 0.75 INCH. USE EMT AND FLEXIBLE METAL CONDUIT FOR ALL INTERIOR APPLICATIONS. USE EMT AND RIGID GALVANIZED STEEL CONDUIT FOR ALL EXPOSED EXTERIOR LOCATIONS. USE SCHEDULE 40 PVC CONDUIT IN OR UNDER THE SLAB. USE SCHEDULE 40 PVC CONDUIT UNDERGROUND, DIRECT BURIED OR CONCRETE ENCASED WHERE INDICATED.
11. FITTINGS FOR EMT CONDUIT SHALL BE STEEL SET SCREW OR COMPRESSION TYPE. DIE–CAST FITTINGS ARE PROHIBITED. FITTINGS FOR RGS CONDUIT SHALL BE GALVANIZED MALLEABLE IRON. FITTINGS FOR PVC CONDUIT SHALL BE SCHEDULE 40 PVC.
12. CONDUIT SIZES INDICATED ON THE DRAWINGS MAY BE PURPOSELY OVERSIZED FOR FUTURE CONDUCTORS OR TO AVOID EXCESS CONDUIT HEATING. CONDUIT SIZES NOT SHOWN ON THE DRAWINGS SHALL BE SIZED BY THE CONTRACTOR BASED ON THE NUMBER OF CONDUCTORS TO BE INSTALLED, IN ACCORDANCE WITH NFPA 70.
13. PROVIDE AND INSTALL ALL JUNCTION AND PULL BOXES REQUIRED FOR THE INSTALLATION OF ELECTRICAL DEVICES AND EQUIPMENT, WHETHER OR NOT INDICATED ON PLANS. SIZING OF BOXES SHALL BE PER NFPA 70.
14. SEAL ALL PENETRATIONS THROUGH FIRE RATED SLABS, FLOORS, WALLS AND CEILINGS TO MAINTAIN THE INTEGRITY OF THE FIRE RATING, USING A U.L. LISTED FIRE RATED SYSTEM.
15. OBTAIN APPROVAL FROM THE ARCHITECT BEFORE MAKING ANY PENETRATIONS THROUGH STRUCTURAL MEMBERS OR FIRE RATED WALLS OR CEILINGS.
16. USE STRANDED COPPER 600V INSULATION TYPE XHHW FOR ALL CONDUCTORS #8 AND LARGER. USE SOLID OR STRANDEC OPPER 600V INSULTATION TYPE THHN/THWN FOR ALL CONDUCTORS SMALLER THAN #8.
17. METAL–CLAD ARMORED (TYPE AC OR MC) CABLE MAY BE USED FOR CONCEALED BRANCH CIRCUIT WIRING AND FIXTURE WHIPS. NONMETALLIC–SHEATHED (TYPE NM OR NMS) CABLE IS PROHIBITED.
18. PROVIDE A GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR IN ALL FEEDERS AND BRANCH CIRCUITS, INCLUDING SWITCH LEGS. SIZE GROUNDING CONDUCTOR PER NFPA 70, TABLE 250–122.
19. BRANCH CIRCUIT ARRANGEMENTS ON PLANS ARE DIAGRAMMATIC AND DO NOT INDICATE ACTUAL ROUTING. USE #10 AWG CONDUCTORS FOR 20A 120V BRANCH CIRCUIT CONDUCTORS LONGER THAN 75 FEET, AND FOR 20A 277V BRANCH CIRCUITS LONGER THAN 200 FEET.
20. UPDATE THE CIRCUIT DIRECTORIES IN EXISTING PANELBOARDS TO ACCURATELY REFLECT THE NEW CIRCUITING. IDENTIFY THE SOURCE OF POWER PER NEC 408.4(B).
21. PROVIDE NEMA 1 DISCONNECT SWITCHES AND ENCLOSED CIRCUIT BREAKERS INDOORS AND NEMA 3R OUTDOORS UNLESS NOTED OTHERWISE. PROVIDE FUSED SWITCHES FOR HERMETICALLY–SEALED EQUIPMENT. VOLTAGE, AMPERE AND MINIMUM A.I.C. RATINGS ARE SHOWN ON DIAGRAMS AND PLANS.
MANUFACTURERS: SIEMENS–ITE, GENERAL ELECTRIC, CUTLER–HAMMER, SQUARE D.

ELECTRICAL LEGEND

━━━	NEW WORK
───	EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
—×—×—	EXISTING TO BE REMOVED
▨	PANELBOARD, 277/480V 3ø 4 WIRE
▤	PANELBOARD, 120/208V 3ø 4 WIRE
☐	DISCONNECT SWITCH, VOLTAGE AND RATING TO MATCH CIRCUIT BREAKER
Ⓙ	JUNCTION BOX, SIZE PER N.E.C.
Ⓔ	MAKE CONNECTION TO EQUIPMENT FURNISHED BY OWNER OR UNDER ANOTHER DIVISION: CONFORM TO SECTION 260575
⏀	DUPLEX RECEPTACLE, 20A 125V GROUNDING TYPE, SPECIFICATION GRADE, MOUNTED +15" TO BOTTOM, U.N.O.
⏀ GF	DUPLEX RECEPTACLE, 20A 125V GROUND FAULT CURRENT INTERRUPTING, SPECIFICATION GRADE, MOUNTED +15" TO BOTTOM, U.N.O.
\$T	MOTOR–STARTING TOGGLE SWITCH, 20A 120/277V WITH THERMAL OVERLOAD PROTECTION TO MATCH LOAD SERVED, CONSTRUCTION GRADE
\$O	LIGHTING CONTROL WALL SWITCH SENSOR, DUAL TECHNOLOGY TYPE WITH ADJUSTABLE TIME DELAY, MOUNTED +48" TO TOP, U.N.O. 625–2025SF AREA COVERAGE.
\$	TOGGLE SWITCH, SINGLE POLE, 20A 120/277V SPECIFICATION GRADE – OR LOW VOLTAGE COMPATIBLE WITH LIGHTING CONTROL RELAYS – MOUNTED +48" TO TOP, U.N.O.
\$3	TOGGLE SWITCH, THREE POLE, 20A 120/277V SPECIFICATION GRADE – OR LOW VOLTAGE COMPATIBLE WITH LIGHTING CONTROL RELAYS – MOUNTED +48" TO TOP, U.N.O.
Ⓢ	LIGHTING CONTROL OCCUPANCY SENSOR, EXTENDED RANGE, CEILING MOUNTED DUAL TECHNOLOGY TYPE WITH AUTOMATIC ADJUSTABLE TIME DELAY, LOAD CONTROL RELAYS AS REQUIRED. APPROX 20' RADIUS COVERAGE AT 8' MOUNTING HEIGHT. APPROX 28' RADIUS COVERAGE AT 9' MOUNTING HEIGHT.
─▭─	PULLBOX, MINIMUM SIZE PER NEC BASED ON No AND SIZE OF CONDUIT(S). SEE ELECTRICAL GENERAL NOTE 13, THIS SHEET
⌒	CONDUIT AND WIRE, SAME WIRE AS INDICATED ON HOME RUN, CONDUIT SIZE DETERMINED BY CONTRACTOR
⌒→	HOME RUN TO PANEL, CIRCUIT NO. INDICATED, MIN. 0.75"–2#12,#12GND. U.N.O. COMBINE UP TO THREE 1P15A OR 1P20A CIRCUITS IN ONE HOME RUN USING OPPOSITE PHASE LEGS ONLY; PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR EACH CIRCUIT. PROVIDE HANDLE TIES FOR EXISTING MULTICIRCUIT HOME RUNS THAT HAVE COMMON NEUTRALS
CO	CONDUIT ONLY, WITH PULL WIRE
GF	GROUND FAULT CURRENT INTERRUPTING
GND	GROUND
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
LV	LOW VOLTAGE
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
WG	WIRE GUARD (PROVIDE WITH LUMINAIRE OR DEVICE)
WP	WEATHERPROOF
XFMR	TRANSFORMER

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APPROVED
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05/03/24

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Revisions

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LIGHTING NOTES

SEE DIVISION 26 SPECIFICATIONS FOR EXPANDED REQUIREMENTS

1. SUFFIX "E" = PROVIDE EMERGENCY BATTERY POWER SUPPLY. UNITS SHALL PROVIDE 1,400 INITIAL LUMENS AND OPERATE FOR 90 MINUTES.
2. PROVIDE UNSWITCHED HOT LEG TO ALL FIXTURES WITH EMERGENCY BATTERY POWER SUPPLIES.
3. ALL EXIT LIGHTS ARE TO BE UNSWITCHED.
4. ALL LUMINAIRES SHALL BE UL LISTED FOR THEIR INTENDED APPLICATION
5. ALL NEW LUMINAIRES MUST BE LISTED/APPROVED BY ENERGY TRUST OF OREGON. INCLUDE DOCUMENTATION OF LISTING WITH PRODUCT DATA SUBMITTALS.
6. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHTING LAYOUT DIMENSIONS, MOUNTING HEIGHTS, AND ADDITIONAL NOTES.

CONTROL NOTES

NEW LIGHTING AND CONTROLS ARE LIMITED TO NEW EXTERIOR LIGHTS AT NEW EXTERIOR STAIR, AND NEW INTERIOR LIGHTS IN REMODELED SPACES, AS INDICATED ON PLANS. EXISTING EXTERIOR LIGHTING CONTROLS, AND INTERIOR LIGHTING CONTROLS IN ALL OTHER SPACES, ARE UNMODIFIED.

1. EXTERIOR BUILDING LIGHTING CONTROLS:
   PROVIDE PHOTOCELL AND DIGITAL TIME CLOCK CONTROL WITH TEMPORARY MANUAL OVERRIDE FOR EXTERIOR LIGHTING CIRCUITS, U.N.O.. PROVIDE MOTION SENSOR WITH BI-LEVEL CONTROL INTEGRAL TO EXTERIOR LUMINAIRES.
2. EXTERIOR BUILDING LIGHTING CONTROL SETTINGS (TO BE CONFIRMED BY OWNER AT STARTUP)
   PHOTOCELL ON (DUSK)
   TIME CLOCK OFF (9:00PM)
   TIME CLOCK ON (6:00AM)
   PHOTOCELL/TIMECLOCK OFF (DAWN)
3. VERIFY LOCATION OF TEMPORARY MANUAL OVERRIDE OF AUTOMATIC (TIME CLOCK) LIGHTING CONTROLS WITH OWNER.
4. INTERIOR LIGHTING CONTROLS: SENSOR SWITCH (BASIS OF DESIGN)
   PROVIDE MANUAL ON/OFF AND AUTOMATIC SHUTOFF OF LIGHTS USING WALL MOUNTED OCCUPANCY SENSING SWITCH WITH ADJUSTABLE TIME DELAY, OR WITH MANUAL SWITCHES, CEILING-MOUNTED OCCUPANCY SENSOR(S) AND LOAD CONTROL RELAYS WITH ADJUTSABLE TIME DELAY.
5. LOBBY LIGHTING WILL TURN ON AUTOMATICALLY WHEN SPACE IS OCCUPIED. MANUAL CONTROLS MAY BE LOCATED REMOTELY; CONFIRM LOCATION OF MANUAL CONTROLS WITH OWNER PRIOR TO ROUGH-IN.
6. LOW-VOLTAGE RELAYS, 0-10V WIRES AND NETWORK CABLE FOR SENSORS AND CONTROLLERS ARE NOT SHOWN. PROVIDE RELAYS AND WIRING AS REQUIRED TO SUPPORT FUNCTION DESCRIBED. INCLUDE LOW-VOLTAGE AND LINE-VOLTAGE WIRING DIAGRAMS FOR EACH SPACE OR SPACE TYPE IN SHOP DRAWING SUBMITTALS.
7. SUBMITTALS: PROVIDE PRODUCT DATA, COMPLETE SYSTEM DIAGRAM AND LAYOUT DRAWINGS SHOWING ALL INTERCONNECT WIRING AND EQUIPMENT.
8. RECORD DOCUMENTS, VERIFICATION AND TESTING AND REPORTS, COMMISSIONING: CONFORM TO ASHRAE 90.1 2019 AND SPECIFICATIONS SECTION 019113.

LUMINAIRE SCHEDULE (EXISTING)

TYPE	DESCRIPTION	MOUNTING	LAMPS	VOLTS	WATTS	APPLICATION
ED1	10" DIA ROUND LENSED DOWNLIGHT	RECESSED CEILING	MEDIUM BASE	120	TBD	GENERAL
ED2	12" DIA ROUND LENSED DOWNLIGHT	RECESSED CEILING	MEDIUM BASE	120	TBD	STORAGE
ED3	SQUARE LENSED DOWNLIGHT	RECESSED CEILING	MEDIUM BASE	34	25	EGRESS
EP1	14" DIA RLM LUMINAIRE W/ MEDIUM BASE LAMPHOLDER	PENDANT CEILING	LED MEDIUM BASE	120	20	STORAGE
ER1	2' x 2' LED EDGE LT FLAT PANEL TROFFER WITH SWITCHABLE OUTPUT LITHONIA CPX 2X2 AL07 SERIES	RECESSED CEILING	LED 2,399 LUMENS 3500K >80CRI	120/277 MULTI	19.1	GENERAL
ER2	2' x 4' FLUORESCENT LENSED TROFFER	RECESSED CEILING	2-FO32T8	VARIES	62	GENERAL
ER3	1' x 4' FLUORESCENT LENSED TROFFER	RECESSED CEILING	2-FO32T8	VARIES	62	GENERAL
ES1	KEYLESS MEDIUM BASE LAMPHOLDER	SURFACE CEILING OR WALL	LED MEDIUM BASE	120	10	STORAGE
ES2	4' FLUORESCENT WRAPAROUND	SURFACE CEILING OR WALL	2-FO32T8	VARIES	62	GENERAL
ES4	4' FLUORESCENT LENSED WET LOCATION	SURFACE CEILING	2-FO32T8	VARIES	62	GENERAL
ES5	2' x 4' FLUORESCENT LENSED TROFFER	SURFACE CEILING	2-FO32T8	VARIES	62	GENERAL

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	LAMPS	VOLTS	WATTS	APPLICATION
ELU	COMMERCIAL LED EMERGENCY LIGHTING UNIT WITH THERMOPLASTIC HOUSING, BATTERY AND CHARGER, UL DAMP LOCATION LITHONIA # ELM4L W/ # ELA WG1 WIRE GUARD WHERE INDICATED OWNER-FURNISHED	SURFACE WALL	2-3.3W LED	120/277	3.15	EGRESS
C1	FLEXIBLE LED COVE LIGHT SYSTEM, UL WET, DAMP, DRY LOCATION WITH DIMMING DRIVER. INCLUDE LEADER CABLES WITH CORDETS, JUMPER CABLES, U-CHANNEL MOUNTING SYSTEM WITH CLIPS. RAB # FCLED SERIES OWNER-FURNISHED	CONCEALED COVE	LED 304 LUMENS/LF 3,500K	120	3/LF	COVE
D1	6" DIA x 0.5"D LED EDGE LIT ROUND DOWNLIGHT WITH STEEL HOUSING, SATIN WHITE LENS, UL WET LOCATION RAB # WFRL-6-R-14-9FA-D-W-S OWNER-FURNISHED	RECESSED CEILING	LED 1,270 LUMENS 3,500K 90CRI	120/277 MULTI	14	GENERAL
D2	12" DIA x 1.5"D LED ROUND DOWNLIGHT WITH STEEL HOUSING, SATIN WHITE LENS, UL DRY, DAMP, WET LOCATION RAB # SUMO-12 OWNER-FURNISHED. PATCH CEILING OPENING TO PROVIDE MOUNTING SURFACE	SURFACE CEILING	LED 1,900 LUMENS 3,500K 90CRI	120/277 MULTI	24	GENERAL
P1	15.4" DIA x 3.35"D ROUND LED HIGH BAY WITH CAST DRIVER HOUSING, TRIRADIAL POLYCARBONATE LENS, 0-10V DIMMING, PERMANENTLY ATTACHED HOOK WITH SAFETY LATCH AND GALVANIZED SAFETY CABLE, UL DAMP LOCATION LITHONIA # CPRB-24000LM-MVOLT-40K-80CRI OWNER-FURNISHED	PENDANT CEILING	LED 24,000 LUMENS 4,000K 82CRI	120/277 MULTI	175	HIGH BAY UPPER GYM WEIGHT RM WRESTLING
P2	14.4" x 11.52" x 2.42"D RECTANGULAR LED HIGH BAY WITH EXTRUDED ALUMINUM HOUSING, GLARE CONTROL ACRYLIC LENS, 0-10V DIMMING, WIRE GUARD, UL DAMP LOCATION, 36" DAMP LOCATION CORD, 36" HANGER CHAINS LITHONIA # CPHB-12000LM-SEF-GCL-MVOLT-GZ10-40K-80CRI-WGX-CNPW3FT-HC36 OWNER-FURNISHED	PENDANT CEILING	LED 12,273 LUMENS 4,000K 82CRI	120/277 MULTI	88	HIGH BAY MAIN GYM
R1	2' x 2' x 2.38"D LED EDGE LIT FLAT PANEL TROFFER WITH STEEL HOUSING, SATIN WHITE LENS, 0-10V DIMMING, UL DAMP LOCATION LITHONIA # EPANL-2x2-2000LM-80CRI-35K-MIN10-MVOLT PROVIDE DGA22 ADAPTER FOR GYPBOARD CEILING INSTALLATIONS OWNER-FURNISHED	RECESSED CEILING	LED 2,071 LUMENS 3,500K 82CRI	120/277 MULTI	19	GENERAL
R2	2' x 4' x 2.38"D LED EDGE LIT FLAT PANEL TROFFER WITH STEEL HOUSING, SATIN WHITE LENS, 0-10V DIMMING, UL DAMP LOCATION LITHONIA # EPANL-2x4-3000LM-80CRI-35K-MIN10-MVOLT PROVIDE DGA22 ADAPTER FOR GYPBOARD CEILING INSTALLATIONS OWNER-FURNISHED	RECESSED CEILING	LED 3,392 LUMENS 3,500K 82CRI	120/277 MULTI	29	GENERAL
R3	1' x 4' x 2.38"D LED EDGE LIT FLAT PANEL TROFFER WITH STEEL HOUSING, SATIN WHITE LENS, 0-10V DIMMING, UL DAMP LOCATION LITHONIA # EPANL-1x4-3000LM-80CRI-35K-MIN10-MVOLT PROVIDE DGA22 ADAPTER FOR GYPBOARD CEILING INSTALLATIONS OWNER-FURNISHED	RECESSED CEILING	LED 2,960 LUMENS 3,500K 82CRI	120/277 MULTI	27	GENERAL
S1	4' x 2.62"W x 2.22"D LED STRIP WITH STEEL HOUSING, SNAP-ON FROSTED DIFFUSER, SWITCHABLE OUTPUT, 0-10V DIMMING DRIVER, UL DAMP LOCATION LITHONIA # CSS-L48-AL03(3000LUM)-MVOLT-35K-80CRI OWNER FURNISHED	SURFACE OR PENDANT CEILING	LED 3,708 LUMENS 3,500K 80CRI	120	27.3	UTILITY
S2	4' x 5.5" x 3.5""D LED LOW PROFILE WRAPAROUND W/ DIE-FORMED ALUMINUM HOUSING, CURVED SMOOTH ACRYLIC LENS, 0-10V DIMMING DRIVER, UL DAMP LOCATION LITHONIA # BLWP4-30L-ADSM-MVOLT-GZ10-LP835 OWNER-FURNISHED	SURFACE WALL/CEILING	LED 3,065 LUMENS 3,500K 80CRI	120/277 MULTI	25	GENERAL
S3	4' x 5.5" x 4.125"D LED WET LOCATION, ENCLOSED AND GASKETED W/ POLYCARBONATE HOUSING AND DIFFUSER, SWITCHABLE OUTPUT, 0-10V DIMMING DRIVER, UL WET LOCATION. RAB # SHARK-4/30W-3500K OWNER-FURNISHED	SURFACE CEILING	LED 4,489 LUMENS 3,500K 80CRI	120/277 MULTI	30	EXTERIOR CANOPY
S4	2' x 2' x 2.38"D LED EDGE LIT FLAT PANEL TROFFER WITH STEEL HOUSING, SATIN WHITE LENS, 0-10V DIMMING, UL DAMP LOCATION LITHONIA # EPANL-2x2-2000LM-80CRI-35K-MIN10-MVOLT WITH # 2X2SMKSH ACCESSORY FOR SURFACE MOUNTING	SURFACE CEILING	LED 2,071 LUMENS 3,500K 82CRI	120/277 MULTI	19	BLEACHERS
S5	4' x 2.62"W x 2.22"D LED STRIP WITH STEEL HOUSING, SNAP-ON FROSTED DIFFUSER, SWITCHABLE OUTPUT, 0-10V DIMMING DRIVER, UL DAMP LOCATION LITHONIA # CSS-L48-AL03(4000LUM)-MVOLT-35K-80CRI OWNER FURNISHED	SURFACE OR PENDANT CEILING	LED 4,732 LUMENS 3,500K 80CRI	120	34.8	ELEEVATOR PIT/SHAFT
W1 *	11.1"W x 9"H x 7"D LED CUTOFF WALL SCONCE, ENCLOSED AND GASKETED, W/ DIE-CAST ALUMINUM BODY, ELECTRONIC DIMMING DRIVER, UL WET LOCATION LABEL, INTEGRAL BI-LEVEL 100/35% MOTION SENSOR. LITHONIA # WDGE2 LED-P3SW-30K-80CRI-MVOLT-PBBW-PIR OR APPROVED EQUAL	SURFACE WALL AT +8'	LED 3,093 LUMENS 3,000K 80CRI	120-277 MULTI	23	EXTERIOR EXIT STAIR
X1	EXIT SIGN, LED, THERMOPLASTIC HOUSING W/ RED LETTERS ON STENCIL FACE, DIRECTIONAL ARROW KNOCKOUTS, EMERGENCY BATTERY BACKUP, UNIVERSAL MOUNTING CANOPY LITHONIA # LQM-S-W-3-R-120/277-ELN WITH # ELAWG1 WIRE GUARD WHERE INDICATED OWNER-FURNISHED	SURFACE CLG/WALL	LED	120/277	1.7	EXIT
X2	EXIT SIGN/ELU COMBINATION UNIT, LED, THERMOPLASTIC HOUSING W/ RED LETTERS ON STENCIL FACE, DIRECTIONAL ARROW KNOCKOUTS, EMERGENCY BATTERY BACKUP, UNIVERSAL MOUNTING CANOPY, UL DAMP LOCATION LITHONIA # LHQM-LED-R WITH WIRE GUARD WHERE INDICATED OWNER-FURNISHED	SURFACE CLG/WALL	LED 2-1.5W 9.6V	120/277	1.7	EXIT/EGRESS

* LUMINAIRE TYPE SELECTED BY DEP INC., TO BE APPROVED BY DISTRICT

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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JULY 20, 1993
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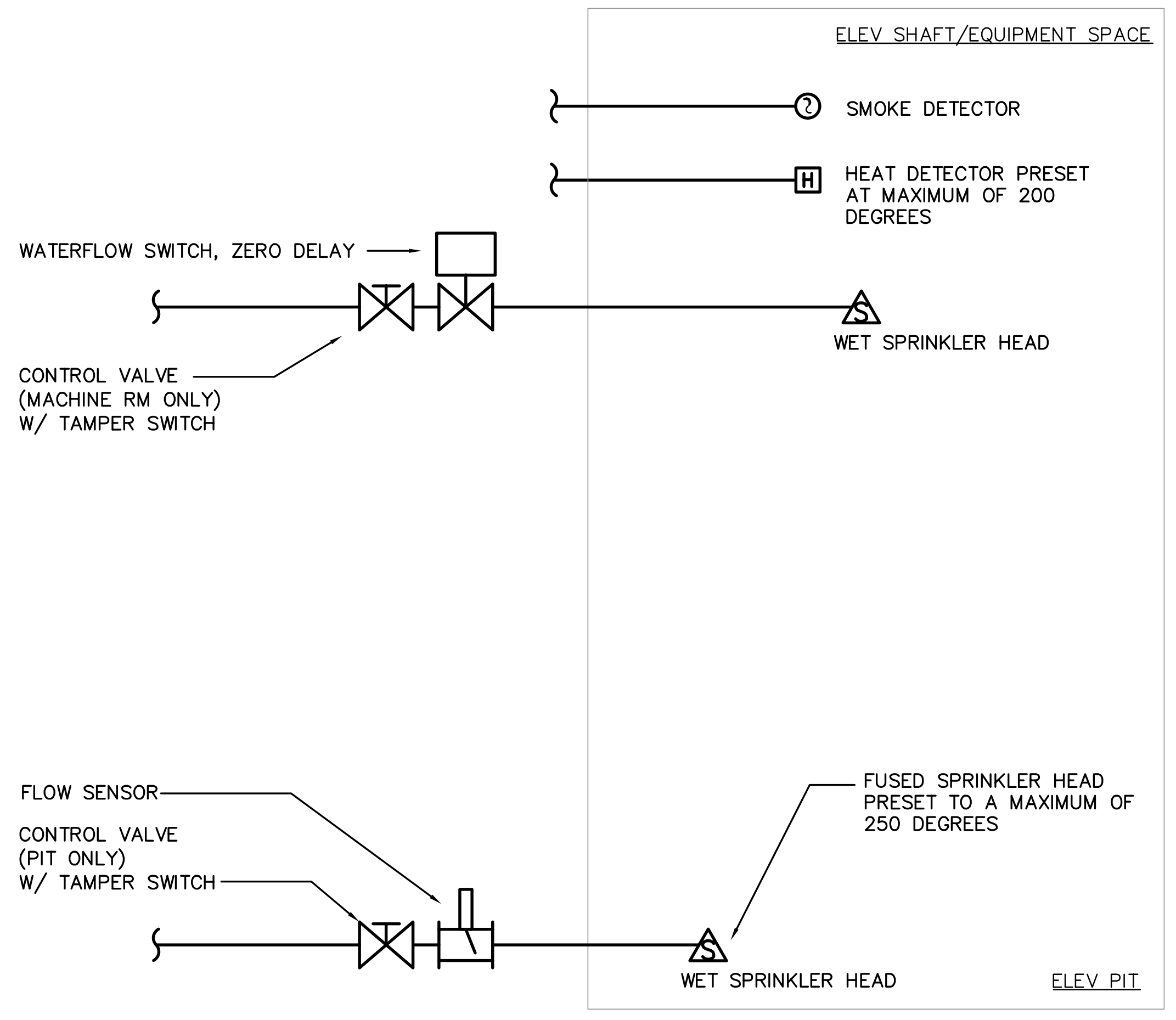
ELEV SHAFT/EQUIPMENT SPACE
SMOKE DETECTOR
HEAT DETECTOR PRESET AT MAXIMUM OF 200 DEGREES
WATERFLOW SWITCH, ZERO DELAY
CONTROL VALVE (MACHINE RM ONLY) W/ TAMPER SWITCH
WET SPRINKLER HEAD
FLOW SENSOR
CONTROL VALVE (PIT ONLY) W/ TAMPER SWITCH
FUSED SPRINKLER HEAD PRESET TO A MAXIMUM OF 250 DEGREES
WET SPRINKLER HEAD
ELEV PIT

1
E0.03

ELEVATOR SHAFT FIRE PROTECTION DETAIL

SCHEMATIC

1. SMOKE DETECTOR ACTIVATION AT THE TOP OF THE ELEVATOR SHAFT WILL RECALL THE ELEVATOR TO THE PRIMARY RECALL FLOOR.
2. SMOKE DETECTOR ACTIVATION AT ANY ELEVATOR LOBBY ABOVE GROUND FLOOR WILL RECALL THE ELEVATOR TO THE PRIMARY RECALL FLOOR.
3. SMOKE DETECTOR ACTIVATION AT THE GROUND FLOOR ELEVATOR LOBBY WILL RECALL THE ELEVATOR TO THE ALTERNATE FLOOR LANDING.
4. SMOKE DETECTOR ACTIVATION AT THE TOP OF THE ELEVATOR SHAFT/EQUIPMET SPACE WILL ACTIVATE THE HAT FLASH SIGNAL IN THE ELEVATOR CAB.
5. HEAT DETECTOR ACTIVATION OR WATERFLOW SWITCH ACTIVATION (SET AT ZERO DELAY) AT THE TOP OF THE ELEVATOR SHAFT/EQUIPMENT SPACE WILL ACTIVATE THE SHUNT TRIP RELAY.
6. WATERFLOW SWITCH ACTIVATION IN THE ELEVATOR PIT WILL REPORT TO THE FIRE ALARM CONTROL PANEL AS AN ALARM.
7. TAMPER SWITCH ACTIVATION WILL REPORT TO THE FIRE ALARM CONTROL PANEL AS A SUPERVISORY CONDITION.

FIRE ALARM NOTES

SEE SPECIFICATIONS SECTION 16721 FOR EXPANDED REQUIREMENTS.

1. MAINTAIN, MODIFY AND/OR EXPAND THE EXISTING MANUAL AND AUTOMATIC FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72. TEST FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72 AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
2. SYSTEM SUPPLIER AND INSTALLER: AUTHORIZED ENGINEERED SYSTEMS DISTRIBUTOR FOR SPECIFIED SYSTEM WITH 15 YEARS DOCUMENTED EXPERIENCE AND SERVICE FACILITIES WITHIN 150 MILES OF PROJECT.
3. SUBMITTALS: PROVIDE PRODUCT DATA, CALCULATIONS, AND COMPLETE RISER DIAGRAM AND LAYOUT DRAWINGS SHOWING ALL INTERCONNECT WIRING AND EQUIPMENT.
4. PROVIDE BATTERY CAPACITY SUFFICIENT TO OPERATE SYSTEM IN SUPERVISORY MODE FOR 24 HRS FOLLOWED BY ALARM MODE FOR 5 MINUTES.
5. MANUFACTURER (EXISTING): JOHNSON CONTROLS
6. FIRE ALARM CONTROL PANEL: EXISTING, LOCATED IN ADJACENT OAKDALE MIDDLE SCHOOL; MICROPROCESSOR–CONTROLLED, POWER–LIMITED, ELECTRONICALLY–SUPERVISED, ANALOG ADDRESSABLE WITH MULTIPLEXED DATA TRANSMISSION AND SUPERVISORY, ALARM, CONTROL AND ANNUNCIATOR FUNCTIONS, FIELD PROGRAMMABLE AND EXPANDABLE BY MODULES, 80–CHARACTER LCD ALPHANUMERIC DISPLAY. INCLUDES DIGITAL COMMUNICATOR.
7. AUDIBLE–VISIBLE INDICATING APPLIANCE: HIGH PERFORMANCE HORN, 85DBA AT 10' WITH VISIBLE STROBE AND FLASHER, RED LETTERED "FIRE" ON WHITE LENS, SYNCHRONIZING TYPE. CANDELAS NOTED.
8. AUDIBLE INDICATING APPLIANCE: HIGH PERFORMANCE HORN, 85DBA AT 10' .
9. VISUAL INDICATING APPLIANCE: VISIBLE STROBE AND FLASHER, RED LETTERED "FIRE" ON WHITE LENS, CANDELAS NOTED, SYNCHRONIZING TYPE.
10. MANUAL PULL STATION: ADDRESSABLE DOUBLE ACTION TYPE WITH KEY RESET, SEMI–FLUSH MOUNTED.
11. SMOKE DETECTOR: ADDRESSABLE ANALOG PHOTOELECTRIC TYPE WITH TWO LED INDICATORS, TWIST–LOCK BASE.
12. HEAT DETECTOR: ADDRESSABLE COMBINATION FIXED TEMPERATURE/RATE OF RISE COMPENSATED TYPE WITH TWO LED INDICATORS, TWIST–LOCK BASE.
13. DUCT SMOKE DETECTOR: ADDRESSABLE ANALOG PHOTOELECTRIC TYPE WITH SAMPLING TUBES EXTENDING WIDTH OF DUCT, LED INDICATOR, DUCT–MOUNTED HOUSING.
14. MONITOR MODULE: ADDRESSABLE MODULE TO CONNECT A SUPERVISED SIGNALLING LINE CIRCUIT TO NORMALLY–OPEN CONTACTS ON CONVENTIONAL DEVICES; MOUNTS TO 4" SQUARE BOX.
16. CONTROL MODULE: ADDRESSABLE MODULE TO CONNECT A SUPERVISED SIGNALLING LINE CIRCUIT TO NORMALLY–OPEN CONTACTS ON CONVENTIONAL DEVICES; MOUNTS TO 4" SQUARE BOX.
16. LOCKDOWN/POLICE CALL BUTTON: STI #SS24A1LD–EN SERIES W/ LETTERS "POLICE", INCLUDE ADDRESSABLE MONITOR MODULE IN BACKBOX.
17. FIRE ALARM CABLE SHALL BE UL LISTED FOR USE WITH THE SYSTEM INSTALLED. ALL FIRE ALARM CABLE SHALL BE IN IN A DEDICATED CONDUIT SYSTEM. INSTALL CONDUIT AND CABLE PER APPROVED MANUFACTURER'S SHOP DRAWINGS.

FIRE ALARM LEGEND

◇	MONITOR MODULE CONNECTION TO FIRE SPRINKLER FLOW SWITCH FURNISHED BY OTHERS
⊘	MONITOR MODULE CONNECTION TO FIRE SPRINKLER TAMPER SWITCH FURNISHED BY OTHERS
?	SMOKE DETECTOR, CEILING MOUNTED
P	MANUAL PULL STATION, MOUNTED +48" TO TOP
L	LOCKDOWN/POLICE CALL BUTTON, MOUNTED +48" TO TOP
H	HEAT DETECTOR, CEILING MOUNTED
DS	DUCT SMOKE DETECTOR, DUCT MOUNTED
◁	AUDIBLE INDICATING APPLIANCE, WALL MOUNTED
¤	VISIBLE INDICATING APPLIANCE, MOUNTED AT +80", OR AT 6" BELOW CEILING, WHICHEVER IS LOWER
⊠◁	AUDIBLE & VISIBLE INDICATING APPLIANCE, MOUNTED AT +80", OR AT 6" BELOW CEILING, WHICHEVER IS LOWER
○◁	AUDIBLE INDICATING APPLIANCE, CEILING MOUNTED
⊗	VISIBLE INDICATING APPLIANCE, CEILING MOUNTED
⊗◁	AUDIBLE & VISIBLE INDICATING APPLIANCE, CEILING MOUNTED
M C	MONITOR OR CONTROL MODULE
DH	CONNECTION TO DOOR HARDWARE FURNISHED BY OTHERS
D	CONNECTION TO SMOKE DAMPER FURNISHED BY OTHERS VIA CONTROL RELAY. PROVIDE 120VAC POWER FROM NEAREST UNSWITCHED 1P20A BRANCH CIRCUIT

INTERCOM/PA CABLING NOTES

1. MAINTAIN INTERCOM/PA SYSTEM IN OPERATION. REMOVE AND REPLACE CABLING AS REQUIRED BY STRUCTURAL AND CEILING REPAIR WORK.
2. INSTALL EXPOSED CABLING IN CONDUIT.

INTERCOM/PA LEGEND

S	PA SPEAKER, EXISTING, WALL MOUNTED WITH (1) CAT 5e TYPE CMP CABLE TO INTERCOM/PA EQUIPMENT.
I	INTERCOM SPEAKER, EXISTING, WALL MOUNTED WITH CALL SWITCH BELOW AT +48", (1) CAT 5e TYPE CMP CABLE TO INTERCOM/PA EQUIPMENT.

2-WAY COMMUNICATION SYSTEM FOR ELEVATORS

EP	EMERGENCY TELEPHONE STATION: 5"x5"x2.25" STAINLESS STEEL, FLUSH WALL MOUNTED AT +48" WITH HANDSFREE OPERATION POWERED BY PHONE LINE, PROGRAMMABLE TO DIAL UP TO 5 EMERGENCY NUMBERS WITH CENTRAL STATION MONITORING CAPABILITY, LED INDICATING LIGHT. VIKING # E–1600A–30–IP SERIES PROVIDE 1"C W/ CAT 6 CABLE TO IDF.

SECURITY CABLING NOTES

1. MAINTAIN SECURITY SYSTEMS IN OPERATION. REMOVE AND REPLACE CABLING AS REQUIRED BY STRUCTURAL AND CEILING REPAIR WORK.
2. INSTALL EXPOSED CABLING IN CONDUIT.
3. PROVIDE CONDUIT AND CABLE FROM NEW DEVICE LOCATIONS TO EXISTING SECURITY EQUIPMENT
4. SECURITY CAMERAS ARE OWNER–FURNISHED, OWNER–INSTALLED.
5. INTRUSION DETECTION DEVICES ARE CONTRACTOR–FURNISHED, CONTRACTOR–INSTALLED.
6. PROVIDE BACKBOXES AND CONDUIT SLEEVES FROM DEVICE/EQUIPMENT JUNCTION BOXES TO ACCESSIBLE CEILING PER LEGEND.

SECURITY LEGEND

R	ACCESS CONTROL CARD READER: EXISTING, SOFTWARE HOUSE
D	INTRUSION DETECTION DOOR CONTACT: HONEYWELL #4939SN; SURFACE MOUNTED, ON 16AWG 4–CONDUCTOR SLC LOOP TO SECURITY PANEL IN IDF. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING IN LEVEL 1 CORRIDOR.
D	INTRUSION DETECTION MOTION SENSOR: DUAL TECHNOLOGY TYPE, HONEYWELL #DT7500SN; WALL MOUNTED, ON 16AWG 4–CONDUCTOR TYPE CMP SLC LOOP TO SECURITY PANEL IN IDF. PROVIDE 1"C TO ACCESSIBLE CEILING IN LEVEL 1 CORRIDOR
⬡◁	SECURITY CAMERA, CEILING MOUNTED: PROVIDE (1) CAT 6 TYPE CMP CABLE W/ 10' SERVICE LOOP TO IDF. PROVIDE 1–GANG BACKBOX AND 1"C TO ACCESSIBLE CEILING IN LEVEL 1 CORRIDOR.

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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OREGON
JULY 20, 1993
DOUGLAS A. BUHR
EXPIRES: 12–31–25

Project

MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

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Revisions

No.	**Description**	**Date**

Date	**04/01/2024**
Job No.	**19-031**
Drawn By	**MKH**
Checked By	**DAB**

100% CD

Date
04/01/2024

Project Number
19-031

Drawing Title
Electrical Legends and Notes

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E0.03

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e legends and notes.dwg Mar 22, 2024 - 1:41pm

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PANEL: ML-F1 existing

VOLTAGE: 480/277V 3PH 4W +GND
TYPE: BOLT-ON
MOUNTING: SURFACE
MAIN BUS TYPE AND SIZE: 600A CU
MAIN BREAKER: MLO
MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	WOW SPRINT*	3	3P100	22.0	A	27.6	3P125	1/0	XFMR ML-F2	2
3	--	3	--	22.0	B	28.7	---	1/0	---	4
5	---	3	---	22.0	C	17.9	----	1/0	----	6
7	PANEL FA	4/0	3P225	9.0	A	38.6	3P150	1/0	PANEL FE	8
9	---	4/0	---	8.0	B	38.6	---	1/0	---	10
11	---	4/0	---	5.0	C	38.6	---	1/0	---	12
13	CINGULAR*	3	3P100	22.0	A					14
15	---	3	--	22.0	B					16
17	---	3	---	22.0	C					18
19					A					20
21					B					22
23					C					24
25					A					26
27					B					28
29					C					30
31					A					32
33					B					34
35					C					36
37					A					38
39					B					40
41					C					42
DEMAND FACTOR:	0.8			119.1	119.2	105.5				
TOTAL KVA :	343.9	TOTAL AMPS:			413.6		* ESTIMATED LOAD AT 80% OF CKT BKR RATING			
DEMAND KVA :	275.1	DEMAND AMPS:			330.9					

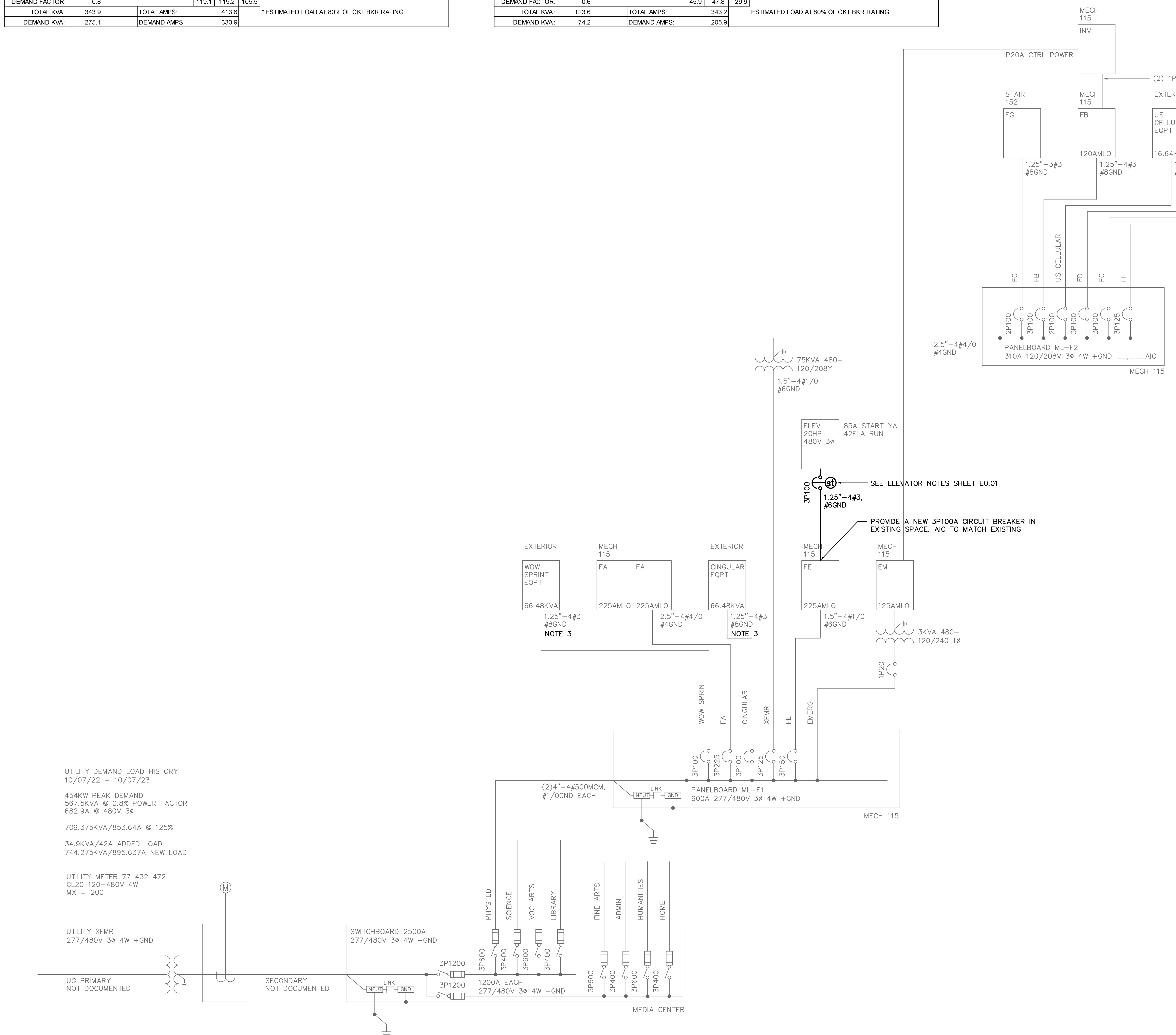
PANEL: ML-F2 existing

VOLTAGE: 208/120V 3PH 4W +GND
TYPE: BOLT-ON
MOUNTING: SURFACE
MAIN BUS TYPE AND SIZE: 310A CU
MAIN BREAKER: MLO
MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	PANEL FG	3	2P100	8.0	A	10.2	3P100	3	PANEL FD	2
3	---	3	---	8.0	B	10.2	---	3	---	4
5					C	8.3	---	3	---	6
7	PANEL FB	3	3P100	6.0	A	9.0	3P100	3	PANEL FC	8
9	---	3	---	7.3	B	9.0	---	3	--	10
11	---	3	---	8.4	C	9.1	---	3	---	12
13	US CELLULAR*	3	2P100	8.3	A	4.4	3P125	1	PANEL FF	14
15	---	3	---	8.3	B	5.0	---	1	---	16
17					C	4.1	---	1	---	18
19					A					20
21					B					22
23					C					24
25					A					26
27					B					28
29					C					30
31					A					32
33					B					34
35					C					36
37					A					38
39					B					40
41					C					42
DEMAND FACTOR:	0.6			45.9	47.8	29.9				
TOTAL KVA :	123.6	TOTAL AMPS:			343.2		ESTIMATED LOAD AT 80% OF CKT BKR RATING			
DEMAND KVA :	74.2	DEMAND AMPS:			205.9					

DIAGRAM NOTES

1. CELL TOWER LOADS SHOWN ARE ESTIMATED MAXIMUM BASED ON 80% OF FEEDER CIRCUIT BREAKER RATINGS.
2. BRANCH CIRCUIT PANEL SCHEDULES ARE ON SHEET E0.05
3. CELL TOWER FEEDERS WILL BE IMPACTED BY SHEAR WALL WORK. EXISTING ROUNTING IS NOT KNOWN. DE-ENERGIZE FEEDERS, FIELD VERIFY ROUTING, DISCONNECT AND RESTORE AS REQUIRED BY DEMOLITION AND NEW WORK. COORDINATE SHUT DOWN AND RESTORATION WITH CELL TOWER COMPANIES. SEE DEMOLITION NOTES, SHEET E0.01. FOR EXPANDED REQUIREMENTS.



UTILITY DEMAND LOAD HISTORY
10/07/22 – 10/07/23

454KW PEAK DEMAND
567.5KVA @ 0.8% POWER FACTOR
682.9A @ 480V 3ø

709.375KVA/853.64A @ 125%

34.9KVA/42A ADDED LOAD
744.275KVA/895.637A NEW LOAD

UTILITY METER 77 432 472
CL20 120–480V 4W
MX = 200

1 E0.04 POWER 1-LINE DIAGRAM - EXISTING

SCHEMATIC

NEW WORK
EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
EXISTING TO BE REMOVED

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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DOUGLAS A. BUHR
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JULY 20, 1993
EXPIRES: 12-31-25

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Revisions

No.	Description	Date

Date	**04/01/2024**
Job No.	**19-031**
Drawn By	**MKH**
Checked By	**DAB**

100% CD

Date
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Project Number
19-031

Drawing Title
Power 1-Line Diagram Existing

Sheet No
E0.04

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e diagrams.dwg Mar 22, 2024 - 1:52pm

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PANEL: FA left section existing

MECH 115

VOLTAGE: 480/277V 3PH 4W +GND — MAIN BUS TYPE AND SIZE: 225A CU
TYPE: BOLT-ON — MAIN BREAKER: MLO
MOUNTING: SURFACE — MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	SPARE		1P20		A	1.0	1P20	12	LTS: AUDIENCE	2
3	SPARE		1P20		B		1P20		SPARE	4
5	SPARE		1P20		C		1P20		SPARE	6
					A					
	BAD RELAY				B				BAD RELAY	
					C					
7	SPARE		1P20		A	3.0	1P20	12	LTS: UPSTAIRS GYM ROWS 1,3	8
9	SPARE		1P20		B	3.0	1P20	12	LTS: UPSTAIRS GYM ROWS 2,3	10
					C					
					A					
	UPPER GYM RELAY				B				UPPER GYM RELAY	
					C					
					A					
					B					
					C					
					A					
					B					
					C					
					A					
					B					
					C					
DEMAND FACTOR:	0.8			4.0	3.0	0.0				

TOTAL KVA: 7.0 — TOTAL AMPS: 8.4
DEMAND KVA: 5.6 — DEMAND AMPS: 6.7

UPPER AND LOWER GROUPS CONTROLLED BY CONTACTORS IN RIGHT SECTION

PANEL: FA right section existing

MECH 115

VOLTAGE: 480/277V 3PH 4W +GND — MAIN BUS TYPE AND SIZE: 225A CU
TYPE: BOLT-ON — MAIN BREAKER: MLO
MOUNTING: SURFACE — MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
11	SPARE		1P20		A	1.0	1P20	12	LTS: GYM GRAD (OFF)	12
13	SPARE		1P20		B	1.0	1P20	12	LTS: GYM GRAD (OFF)	14
15	SPARE		1P20		C	1.0	1P20	12	LTS: GYM GRAD (ON) main gym walls	16
17	SPARE		1P20		A		1P20		SPARE	18
19	SPARE		1P20		B		1P20		SPARE	20
21	SPARE		1P20		C		1P20		SPARE	22
					A					
	MAIN GYM RELAY				B				MAIN GYM RELAY	
					C					
23	MAIN GYM CONTACTOR		3P		A		3P		UPPER GYM CONTACTOR	24
	---		---		B		---		---	
	---		---		C		---		---	
25	AUDIENCE CONTACTOR		3P		A		3P		SPACE	26
	---		---		B		---		---	
	---		---		C		---		---	
27	LTS: STAIRS	12	1P20	1.0	A	1.0	1P20	12	LTS: LAV ENTRY	28
29	LTS: BOYS SHOWER RM	12	1P20	1.0	B	1.0	1P20	12	LTS: COVE	30
31	LTS: STORAGE, OFFICE	12	1P20	1.0	C	1.0	1P20	12	LTS: WRESTLING RM	32
33	LTS: DRESSING RM	12	1P20	1.0	A	1.0	1P20	12	LTS: WRESTLING RM	24
35	LTS: TUMBLING RM	12	1P20	1.0	B	1.0	1P20	12	LTS: SHOWER RM	26
37	LTS: TUMBLING RM	12	1P20	1.0	C	1.0	1P20	12	LTS: STAIR	38
DEMAND FACTOR:	0.8			9.0	8.0	5.0				

TOTAL KVA: 22.0 — TOTAL AMPS: 26.5
DEMAND KVA: 17.6 — DEMAND AMPS: 21.2

PANEL: FB existing

MECH 115

VOLTAGE: 208/120V 3PH 4W +GND — MAIN BUS TYPE AND SIZE: 120A CU
TYPE: BOLT-ON — MAIN BREAKER: MLO
MOUNTING: SURFACE — MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	UNMARKED		1P20		A		1P20		UNMARKED	2
3	UNMARKED		1P20		B		1P20		UNMARKED	4
5	WRESTLING/MECH RM LTS	12	1P20	1.0	C		1P20		UNMARKED	6
7	UNMARKED		1P20		A		1P20		UNMARKED	8
9	UNMARKED		1P20		B		1P20		UNMARKED	10
11	UNMARKED		1P20		C		1P20		UNMARKED	12
13	UNMARKED		1P20		A		1P20		UNMARKED	14
15	UNMARKED		1P20		B		1P40		UNMARKED	16
17	UPPER GYM RCPTS & BASKETS	12	1P20	1.0	C		1P20		UNMARKED	18
19	WRESTLING RM	12	1P20	1.0	A		1P20		UNMARKED	20
21	WRESTLING RM	12	1P20	1.0	B	1.0	1P20	12	LTS: EAST ROOF FLOOD	22
23	GYM LTS CTRL	12	1P20	0.1	C	1.0	1P20	12	LTS: WALKWAY	24
25	GYM LTS CTRL	12	1P20		A	1.0	1P20	12	LTS: WALKWAY	26
27	DRYER		2P	0.3	B	1.0	1P20	12	LTS: WALKWAY	28
29	---		---	0.3	C	1.0	2P20	12	EF-F7	30
31	BATTERY INVERTER	12	1P20	1.0	A	1.0	---	12	---	32
33	BATTERY EMERG INVERTER	12	1P20	1.0	B	1.0	1P15	12	EF-F4	34
35	CUH-1	12	1P20	1.0	C	1.0	1P30	12	EF-F5	36
37	BASKET MOTOR	12	1P20	1.0	A	1.0	1P20	12	EF-F6	38
39	LTS & CTRL	12	1P20	1.0	B	1.0	1P15	12	HVAC CTRLS	40
41	SCOREBOARD, OCC SENSOR	12	1P20	1.0	C	1.0	1P20	12	RCPTS	42
DEMAND FACTOR:	0.8			6.0	7.3	8.4				

TOTAL KVA: 21.6 — TOTAL AMPS: 60.0
DEMAND KVA: 17.3 — DEMAND AMPS: 48.0

PANEL: FC existing

TICKET 105

VOLTAGE: 208/120V 3PH 4W +GND — MAIN BUS TYPE AND SIZE: 125A CU
TYPE: PLUG-IN — MAIN BREAKER: MLO
MOUNTING: FLUSH — MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	LTS: ENTRY	12	1P20	1.0	A	1.0	1P20T	12	RCPTS | RCPTS	2
3	LTS: ENTRY	12	1P20	1.0	B	1.0	1P20T	12	RCPTS | RCPTS	4
5	LTS: ENTRY	12	1P20	1.0	C	1.0	1P20T	12	RCPTS | RCPTS	6
7	READER BOARD	12	1P20	1.0	A	1.0	1P20	12	RCPTS	8
9	COKE MACHINE	12	1P20	1.0	B	1.0	1P20	12	POPCORN	10
11	RCPTS	12	1P20	1.0	C	1.0	1P20	12	RCPTS	12
13	RCPTS UPSTAIRS	12	1P20	1.0	A	1.0	1P20	12	RCPTS UPSTAIRS	14
15	CUH-1	12	1P20	1.0	B	1.0	1P20	12	RCPTS: GYM FLOOR	16
17	EF-F8	12	1P15	1.0	C	1.0	1P20	12	RCPTS: GYM FLOOR	18
19	RCPTS	12	1P20	1.0	A	1.0	1P20	12	BROADCAST LTS	20
21	SPOT LTS/BROADCAST RCPTS	12	1P20	1.0	B	1.0	1P20	12	BROADCAST RCPTS	22
23	BASKET MOTOR/COKE MACHINE	12	1P20	1.0	C	0.1	1P20	12	ASU-2,6,7 CONTROL	24
25	UNMARKED		1P20		A	1.0	1P20	12	TICKET LTS	26
27	UNMARKED		1P20		B	1.0	1P20	12	CUH-1	28
29	RCPTS	12	1P20	1.0	C	1.0	1P20	12	SPOT LIGHTS	30
DEMAND FACTOR:	0.8			9.0	9.0	9.1				

TOTAL KVA: 27.1 — TOTAL AMPS: 75.2
DEMAND KVA: 21.7 — DEMAND AMPS: 60.2

PANEL: FD existing

HALL 146

VOLTAGE: 208/120V 3PH 4W +GND — MAIN BUS TYPE AND SIZE: 125A CU
TYPE: PLUG-IN — MAIN BREAKER: MLO
MOUNTING: FLUSH — MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	LTS: STORE RM	12	1P20	1.0	A	1.0	1P20	12	RCPTS	2
3	LTS: STAIRS, STORE RM	12	1P20	1.0	B	1.0	1P20	12	RCPTS: WHIRLPOOL	4
5	LTS: STORE RM	12	1P20	1.0	C	1.0	1P20	12	RCPTS: ICE MACHINE	6
7	LTS: STORE RM	12	1P20	1.0	A	1.0	1P20	12	RCPTS: WHIRLPOOL	8
9	LTS: HALL	12	1P20	1.0	B	1.0	1P20	12	RCPTS	10
11	MAIN GYM SCOREBOARD	12	1P20	1.0	C	1.0	1P20	12	RCPTS	12
13	LTS: SE FLOOD	12	1P20	1.0	A	1.0	1P20	12	RCPTS	14
15	WASHER	12	1P20	1.0	B	1.0	2P20	12	UPPER GYM SCOREBOARD	16
17	RCPTS	10	3P30	0.5	C	1.0	---	12	---	18
19	---	10	--	0.5	A	1.0	1P20	12	RCPTS	20
21	---	10	---	0.5	B	1.0	1P20	12	RCPTS: FLOOR	22
23	IRRIGATION BOWMAN FIELD	10	3P30	0.5	C	1.0	1P20	12	BASKET MOTORS	24
25	---	10	---	0.5	A	1.0	1P20	12	BASKET MOTORS	26
27	---	10	---	0.5	B	1.0	1P20	12	RCPTS: GYM	28
29	**LTS: ELEV PIT**	**12**	**1P20**	**0.1**	C	1.0	1P20	12	RCPTS	30
31	**LTS: ELEV EQPT SPACE**	**12**	**1P20**	**0.1**	A	1.0	1P20	12	BASKET MOTORS	32
33	**LTS: ELEV LOBBIES**	**12**	**1P20**	**0.0**	B	1.0	1P20	12	RCPTS: FLOOR	34
35	**RCPT: ELEV PIT**	**12**	**1P20**	**0.2**	C		1P		SPACE	36
37	**RCPT: ELEV PIT**	**12**	**1P20**	**0.2**	A		1P		SPACE	38
39	**RCPT: ELEV EQPT SPACE**	**12**	**1P20**	**0.2**	B		1P		SPACE	40
41	**ELEV CAB LTS**	**12**	**1P20**	**0.1**	C		1P		SPACE	42
DEMAND FACTOR:	0.8			10.2	10.2	8.3				

TOTAL KVA: 28.8 — TOTAL AMPS: 80.0
DEMAND KVA: 23.1 — DEMAND AMPS: 64.0

BOLD TEXT = NEW

PANEL: FE existing

MECH 115

VOLTAGE: 480/277V 3PH 4W +GND — MAIN BUS TYPE AND SIZE: 225ACU
TYPE: BOLT-ON — MAIN BREAKER: MLO
MOUNTING: SURFACE — MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	ASU-F1	12	3P20	3.0	A	3.0	3P20	12	ASU-F6	2
3	---	12	---	3.0	B	3.0	---	12	---	4
5	---	12	---	3.0	C	3.0	---	12	---	6
7	ASU-F2	12	3P20	3.0	A	2.1	3P15	12	ASU-F7	8
9	---	12	---	3.0	B	2.1	---	12	---	10
11	---	12	---	3.0	C	2.1	---	12	--	12
13	ASU-F3	12	3P20	3.0	A	4.4	3P20	12	HEATING COIL	14
15	---	12	---	3.0	B	4.4	---	12	---	16
17	---	12	---	3.0	C	4.4	---	12	---	18
19	ASU-F4	12	3P20	3.0	A	2.1	3P15	12	EF-F1	20
21	---	12	---	3.0	B	2.1	---	12	---	22
23	---	12	---	3.0	C	2.1	---	12	--	24
25	ASU-F5	12	3P20	3.0	A				UNMARKED	26
27	---	12	---	3.0	B				UNMARKED	28
29	---	12	---	3.0	C				UNMARKED	30
31	SPARE		1P20		A				UNMARKED	32
33	SPARE		1P20		B				UNMARKED	34
35	**ELEVATOR**	**3**	**3P100**	**11.6**	C				UNMARKED	36
37	**---**	**3**	**---**	**11.6**	A				UNMARKED	38
39	**---**	**3**	**---**	**11.6**	B				UNMARKED	40
41					C					42
DEMAND FACTOR:	1			38.6	38.6	38.6				

TOTAL KVA: 115.7 — TOTAL AMPS: 139.1
DEMAND KVA: 115.7 — DEMAND AMPS: 139.1

BOLD TEXT = NEW

PANEL: FF existing

IT EQPT 135

VOLTAGE: 208/120V 3PH 4W +GND — MAIN BUS TYPE AND SIZE: 125A CU
TYPE: BOLT-ON — MAIN BREAKER: MLO
MOUNTING: SURFACE — MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	EF-F6	12	2P20		A		1P20		UNMARKED	2
3	---	12	---		B	1.0	1P20	12	EF-F3	4
5	EF-F2	12	2P20		C	0.1	1P20	12	AHU-8 CTRL	6
7	---	12	---		A	1.0	1P20	12	FA POWER SUPPLY	8
9	SECURITY	12	1P20	1.0	B	1.0	1P20	12	GYM PA SYSTEM	10
11	SECURITY	12	1P20	1.0	C	1.0	1P20	12	GYM PA SYSTEM	12
13	IDF CABINET	12	1P20	1.0	A	1.0	1P20	12	GYM PA SYSTEM	14
15	RCPTS: TRAINING, COACH	12	2P20	1.0	B		1P20		UNMARKED	16
17	RCPTS: TRAINING, COACH	12	---	1.0	C	1.0	2P20	12	RCPTS	18
19	**LTS: LOBBY COVE**	**12**	**1P20**	**0.4**	A	1.0	---	12	RCPTS	20
21	SPACE		1P		B	1.0	1P20	12	DOOR POWER SUPPLY	22
23	SPACE		1P		C		1P		SPACE	24
25	SPACE		1P		A		1P		SPACE	26
27	SPACE		1P		B		1P		SPACE	28
29	SPACE		1P		C		1P		SPACE	30
DEMAND FACTOR:	0.8			4.4	5.0	4.1				

TOTAL KVA: 13.5 — TOTAL AMPS: 37.4
DEMAND KVA: 10.8 — DEMAND AMPS: 29.9

BOLD TEXT = NEW

PANEL: FG existing

STAIR 152

VOLTAGE: 208/120V 1PH 3W +GND — MAIN BUS TYPE AND SIZE: 100A CU
TYPE: PLUG-IN — MAIN BREAKER: 2P100
MOUNTING: FLUSH — MINIMUM A.I.C.:

CKT. No.	CIRCUIT USE OR DESCRIPTION	WIRE SIZE	CKT. BRKR.	KVA	PHASE	KVA	CKT. BRKR.	WIRE SIZE	CIRCUIT USE OR DESCRIPTION	CKT. No.
1	50A RCPT: DOWNSTAIS	6	2P50	4.0	A	4.0	2P50	6	50A RCPT: UPSTAIRS	2
3	---	6	---	4.0	B	4.0	---	6	---	4
5	SPACE		1P		A		1P20		UNMARKED	6
7	SPACE		1P		B		1P		SPACE	8
9	SPACE		1P		A		1P		SPACE	10
11	SPACE		1P		B		1P		SPACE	12
13	SPACE		1P		A		1P		SPACE	14
15	SPACE		1P		B		1P		SPACE	16
17	SPACE		1P		A		1P		SPACE	18
19	SPACE		1P		B		1P		SPACE	20
21	SPACE		1P		A		1P		SPACE	22
23	SPACE		1P		B		1P		SPACE	24
DEMAND FACTOR:	1			8.0		8.0				

TOTAL KVA: 16.0 — TOTAL AMPS: 76.9
DEMAND KVA: 16.0 — DEMAND AMPS: 76.9

DIAGRAM NOTES

1. PANEL SCHEDULE CIRCUIT DESCRIPTIONS REFLECT FIELD SURVEY OF EXISTING PANELBOARD DIRECTORIES. EXISTING LOADS SHOWN ARE ESTIMATED.

CITY OF MEDFORD
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Sam Barnum
05/03/24

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REGISTERED PROFESSIONAL ENGINEER
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JULY 20, 1993
DOUGLAS A. BUHR
EXPIRES: 12-31-25

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Revisions

No.	Description	Date

Date	**04/01/2024**
Job No.	**19-031**
Drawn By	**MKH**
Checked By	**DAB**

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Date
04/01/2024

Project Number
19-031

Drawing Title
Power Panel Schedules Existing

Sheet No
E0.05

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e panel schedules.dwg Mar 22, 2024 - 1:53pm

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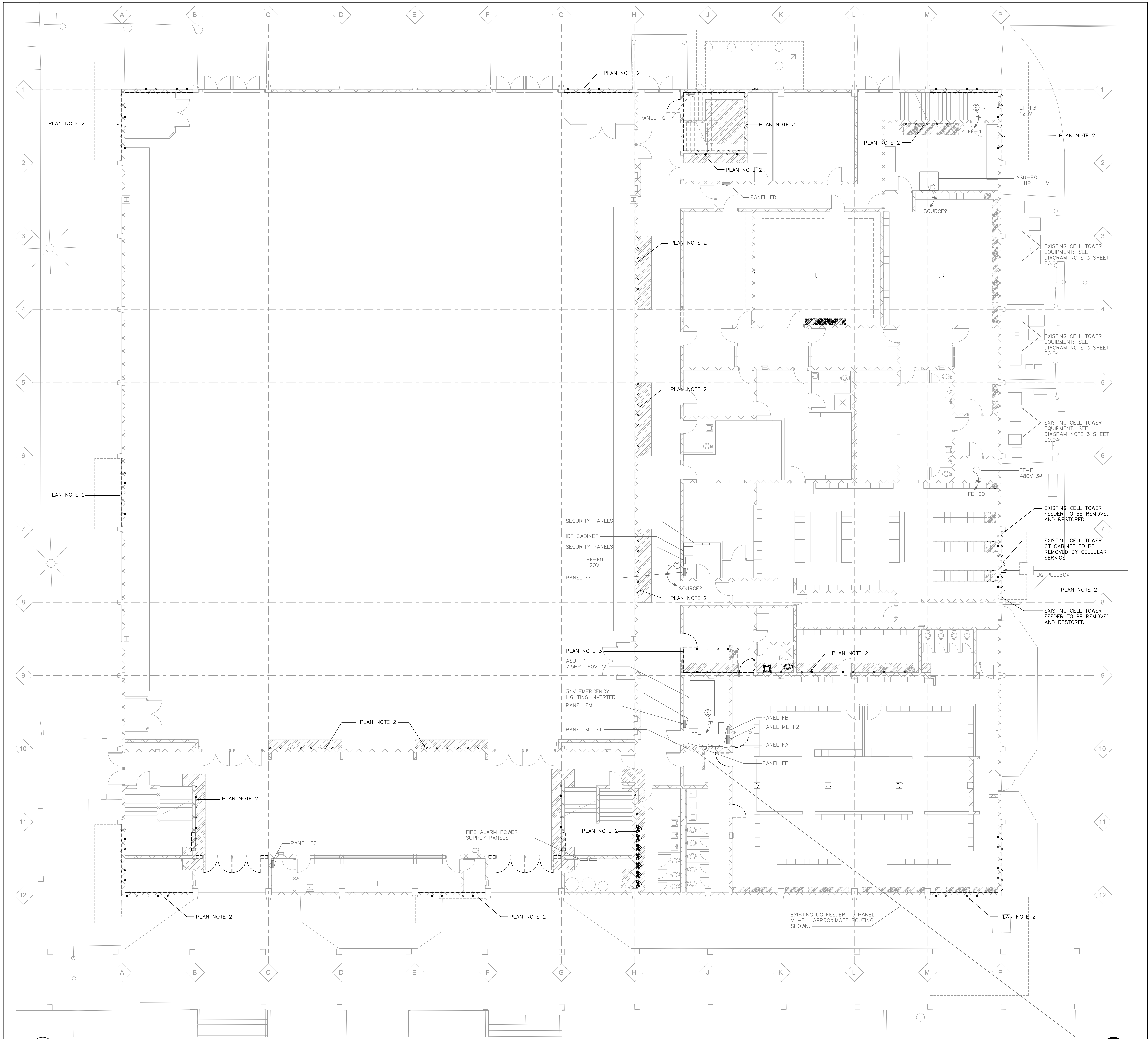

1
E1.01

LEVEL 1 PLAN - DEMOLITION

1/8" = 1'–0"

NEW WORK
EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
EXISTING TO BE REMOVED

1/8"=1'–0" 4' 0 4' 8' 12' 16' 20'
scale feet

PLAN NOTES

1. SEE DEMOLITION NOTES, SHEET E0.01, FOR EXPANDED REQUIREMENTS.
2. SHEAR WALL REINFORCEMENT: DISCONNECT AND REMOVE EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING FROM WALLS AND AS REQUIRED BY DEMOLITION/PREP WORK. RE–INSTALL ON NEW WALL SURFACE.
3. REMODELED SPACE: DISCONNECT AND REMOVE EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING. REPLACE WITH NEW: SEE POWER, LIGHTNG AND FA/COM PLANS.
4. CEILING REMOVAL AND REPLACEMENT: SEE REFLECTED CEILING PLANS AND LIGHTING PLANS FOR AREAS OF CEILING REMOVAL AND REPLACEMENT. REMOVE AND RE–INSTALL LUMINAIRES IN NEW CEILINGS.
5. LUMINAIRE REPLACEMENT: SEE REFLECTED CEILING PLANS AND LIGHTING PLANS FOR REMOVAL AND REPLACEMENT OF EXISTING LUMINAIRES ON A 1:1 BASIS, AND REMOVAL OF EXISTING LUMINAIRES WITHOUT REPLACEMENT.

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05/03/24

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REGISTERED PROFESSIONAL ENGINEER
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JULY 20, 1993
DOUGLAS A. BUHR
EXPIRES: 12–31–25

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Revisions

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Job No.	**19-031**
Drawn By	**MKH**
Checked By	**DAB**

100% CD

Date
04/01/2024

Project Number
19-031

Drawing Title
Level 1 Plan Demolition

Sheet No
E1.01

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PLAN NOTES

1. SEE DEMOLITION NOTES, SHEET E0.01, FOR EXPANDED REQUIREMENTS.
2. SHEAR WALL REINFORCEMENT: DISCONNECT AND REMOVE EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING FROM WALLS AND AS REQUIRED BY DEMOLITION/PREP WORK. RE–INSTALL ON NEW WALL SURFACE.
3. REMODELED SPACE: DISCONNECT AND REMOVE EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING. REPLACE WITH NEW: SEE POWER, LIGHTNG AND FA/COM PLANS.
4. CEILING REMOVAL AND REPLACEMENT: SEE REFLECTED CEILING PLANS AND LIGHTING PLANS FOR AREAS OF CEILING REMOVAL AND REPLACEMENT. REMOVE AND RE–INSTALL LUMINAIRES IN NEW CEILINGS.
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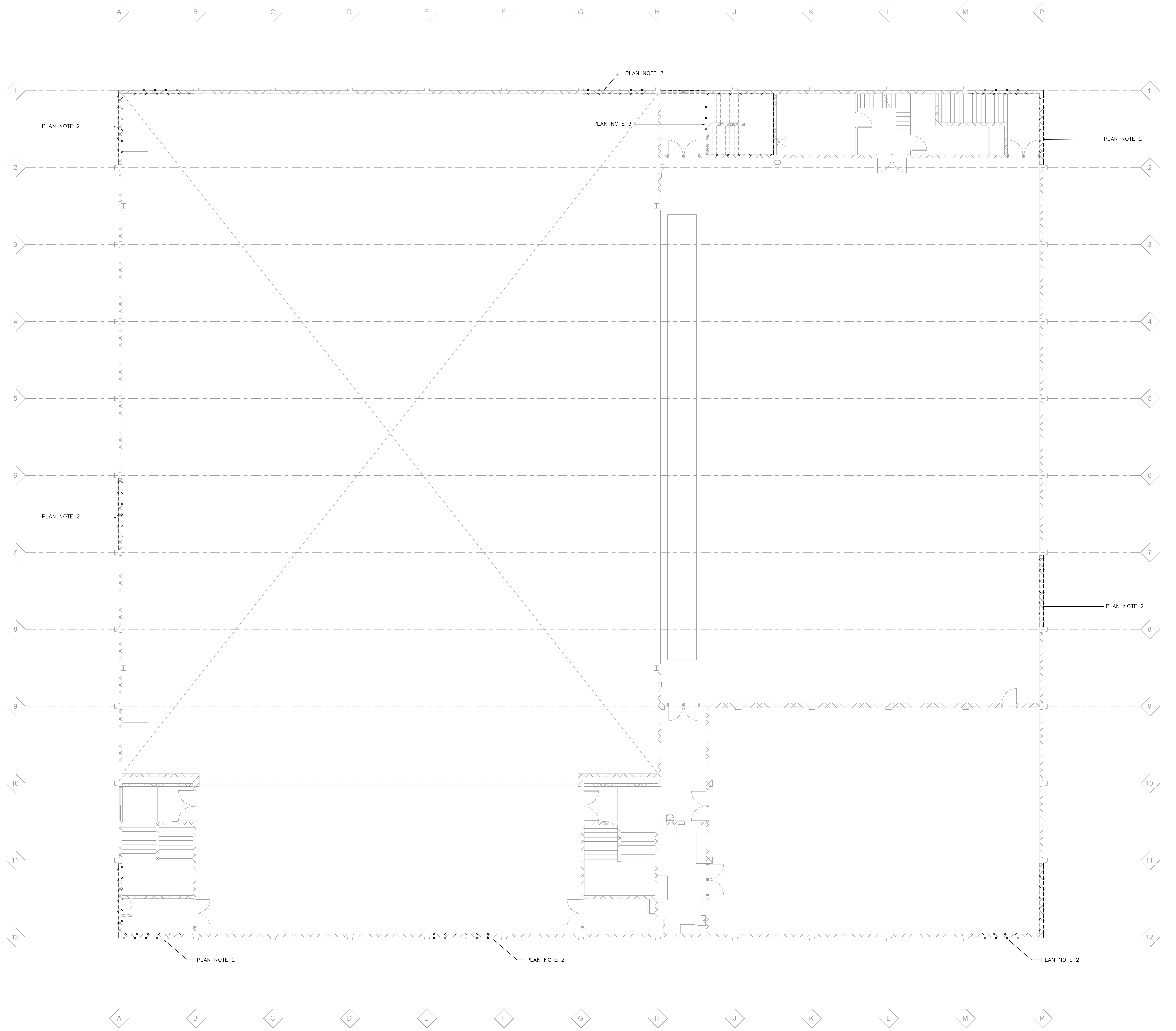

1
E1.02

LEVEL 2 PLAN – DEMOLITION

1/8" = 1'–0"

NEW WORK
EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
EXISTING TO BE REMOVED

1/8"=1'–0"
4' 0 4' 8' 12' 16' 20'
scale
feet

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APPROVED
Sam Barnum
05/03/24

REGISTERED PROFESSIONAL ENGINEER
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JULY 20, 1993
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Revisions

No.	Description	Date

Date	04/01/2024
Job No.	19-031
Drawn By	MKH
Checked By	DAB

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Date
04/01/2024

Project Number
19-031

Drawing Title
Level 2 Plan Demolition

Sheet No
E1.02

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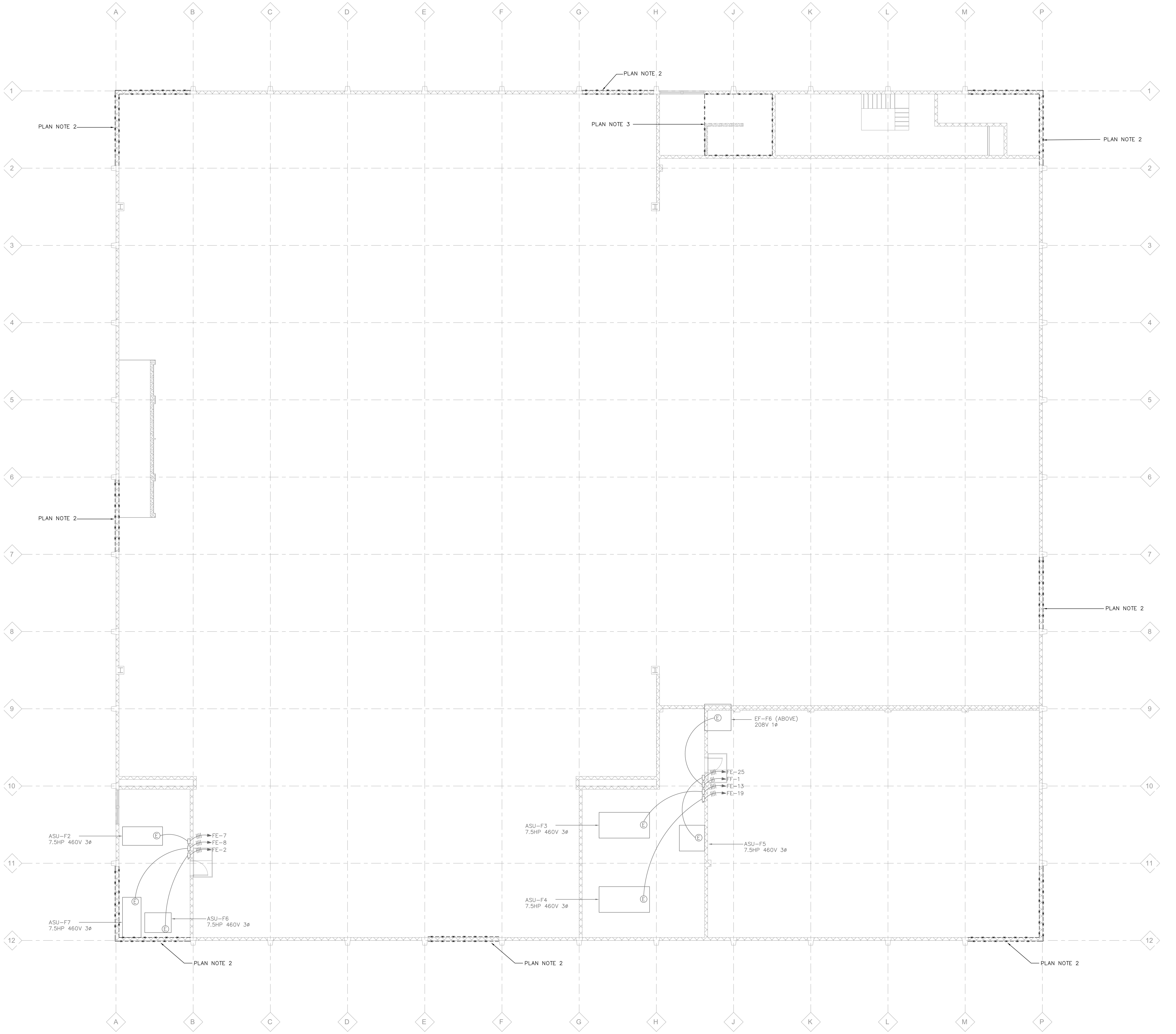

1 E1.03 LEVEL 3 PLAN - DEMOLITION

1/8" = 1'-0"

━━ NEW WORK
── EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
-×-×- EXISTING TO BE REMOVED

1/8"=1'-0" 4' 0 4' 8' 12' 16' 20'
scale feet

PLAN NOTES

1. SEE DEMOLITION NOTES, SHEET E0.01, FOR EXPANDED REQUIREMENTS.
2. SHEAR WALL REINFORCEMENT: DISCONNECT AND REMOVE EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING FROM WALLS AND AS REQUIRED BY DEMOLITION/PREP WORK. RE-INSTALL ON NEW WALL SURFACE.
3. REMODELED SPACE: DISCONNECT AND REMOVE EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING. REPLACE WITH NEW: SEE POWER, LIGHTNG AND FA/COM PLANS.
4. CEILING REMOVAL AND REPLACEMENT: SEE REFLECTED CEILING PLANS AND LIGHTING PLANS FOR AREAS OF CEILING REMOVAL AND REPLACEMENT. REMOVE AND RE-INSTALL LUMINAIRES IN NEW CEILINGS.
5. LUMINAIRE REPLACEMENT: SEE REFLECTED CEILING PLANS AND LIGHTING PLANS FOR REMOVAL AND REPLACEMENT OF EXISTING LUMINAIRES ON A 1:1 BASIS, AND REMOVAL OF EXISTING LUMINAIRES WITHOUT REPLACEMENT.

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JULY 20, 1993
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Checked By	**DAB**

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Project Number
19-031

Drawing Title
Level 3 Plan Demolition

Sheet No
E1.03

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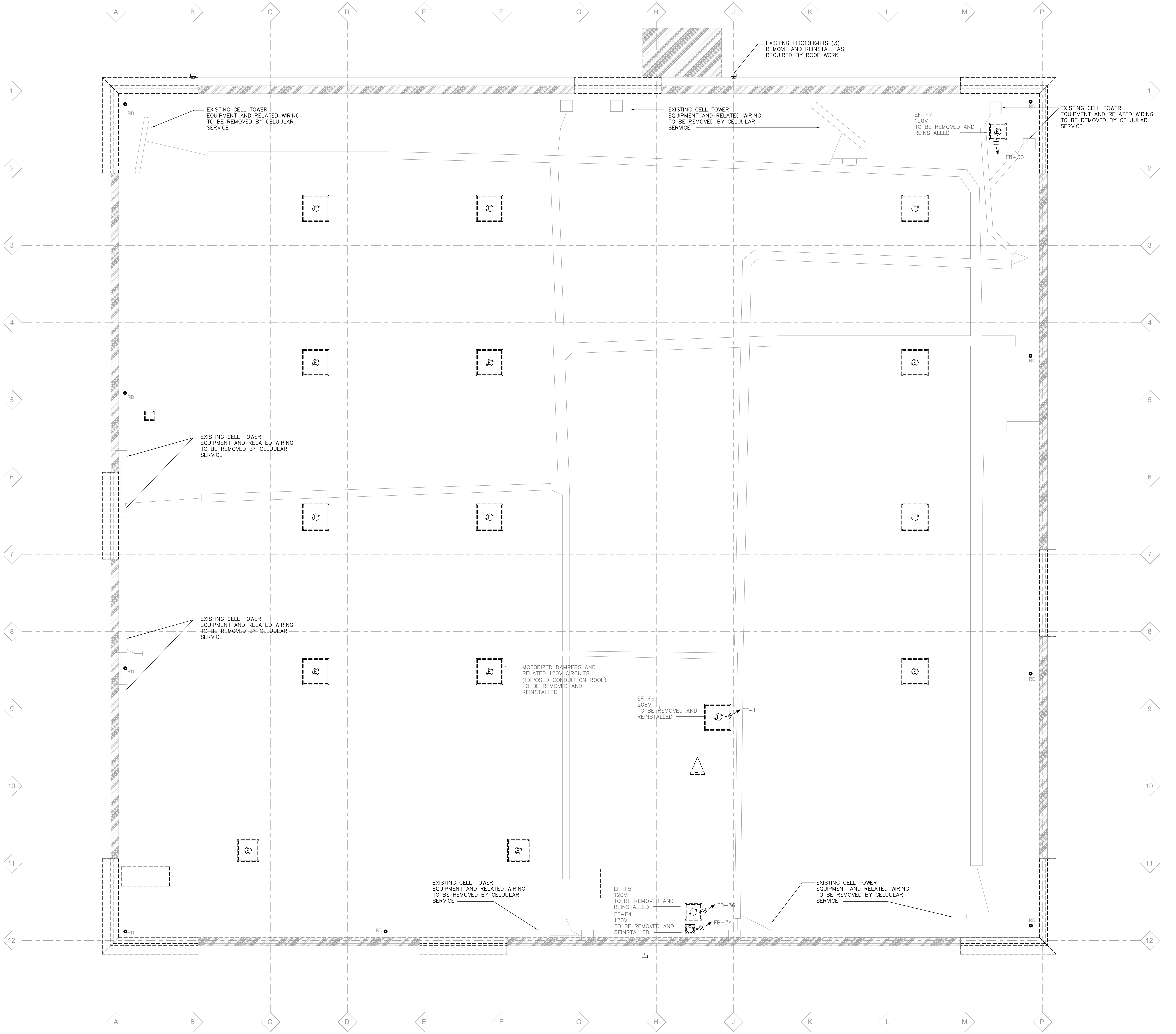
A
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9
10
11
12
EXISTING FLOODLIGHTS (3) REMOVE AND REINSTALL AS REQUIRED BY ROOF WORK
EXISTING CELL TOWER EQUIPMENT AND RELATED WIRING TO BE REMOVED BY CELUULAR SERVICE
EXISTING CELL TOWER EQUIPMENT AND RELATED WIRING TO BE REMOVED BY CELUULAR SERVICE
EF–F7 120V TO BE REMOVED AND REINSTALLED
FB–30
EXISTING CELL TOWER EQUIPMENT AND RELATED WIRING TO BE REMOVED BY CELUULAR SERVICE
RD
EXISTING CELL TOWER EQUIPMENT AND RELATED WIRING TO BE REMOVED BY CELUULAR SERVICE
EXISTING CELL TOWER EQUIPMENT AND RELATED WIRING TO BE REMOVED BY CELUULAR SERVICE
MOTORIZED DAMPERS AND RELATED 120V CIRCUITS (EXPOSED CONDUIT ON ROOF) TO BE REMOVED AND REINSTALLED
EF–F6 208V TO BE REMOVED AND REINSTALLED
FF–1
EXISTING CELL TOWER EQUIPMENT AND RELATED WIRING TO BE REMOVED BY CELUULAR SERVICE
EF–F5 120V TO BE REMOVED AND REINSTALLED
FB–36
EF–F4 120V TO BE REMOVED AND REINSTALLED
FB–34
EXISTING CELL TOWER EQUIPMENT AND RELATED WIRING TO BE REMOVED BY CELUULAR SERVICE

1 E1.04 ROOF PLAN – DEMOLITION

1/8" = 1'–0"

———	NEW WORK
———	EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
—*—*—	EXISTING TO BE REMOVED

1/8"=1'–0" 4' 0 4' 8' 12' 16' 20' scale feet

PLAN NOTES

1. SEE DEMOLITION NOTES, SHEET E0.01, FOR EXPANDED REQUIREMENTS.
2. SHEAR WALL REINFORCEMENT: DISCONNECT AND REMOVE EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING FROM WALLS AND AS REQUIRED BY DEMOLITION/PREP WORK. RE–INSTALL ON NEW WALL SURFACE.
3. REMODELED SPACE: DISCONNECT AND REMOVE EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING. REPLACE WITH NEW: SEE POWER, LIGHTNG AND FA/COM PLANS.
4. CEILING REMOVAL AND REPLACEMENT: SEE REFLECTED CEILING PLANS AND LIGHTING PLANS FOR AREAS OF CEILING REMOVAL AND REPLACEMENT. REMOVE AND RE–INSTALL LUMINAIRES IN NEW CEILINGS.
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REGISTERED PROFESSIONAL ENGINEER
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JULY 20, 1993
DOUGLAS A. BUHR
EXPIRES: 12–31–25

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Revisions

No.	Description	Date

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Job No.	**19-031**
Drawn By	**MKH**
Checked By	**DAB**

100% CD

Date
04/01/2024

Project Number
19-031

Drawing Title
**Roof Plan
Demolition**

Sheet No
E1.04

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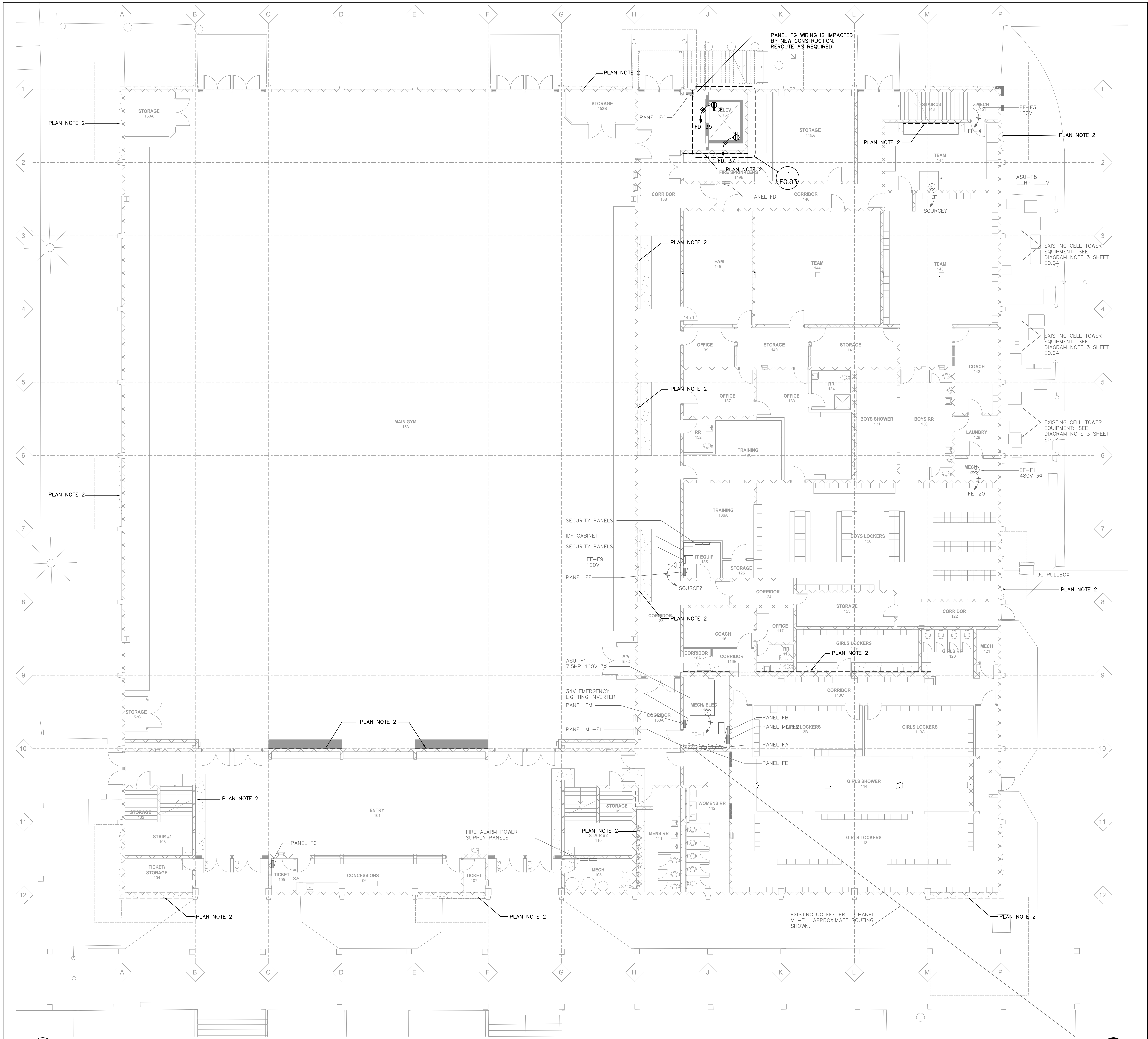

1
E2.01

LEVEL 1 PLAN - POWER
1/8" = 1'-0"

NEW WORK
EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
EXISTING TO BE REMOVED

PLAN NOTES

1. SEE SHEET E0.01 FOR SYSTEM AND EQUIPMENT LEGENDS AND DESCRIPTIONS.
2. SHEAR WALL REINFORCEMENT: RE-INSTALL EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING ON NEW WALL SURFACE.

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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DOUGLAS A. BUHR
OREGON
JULY 20, 1993
EXPIRES: 12-31-25

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Date	04/01/2024
Job No.	19-031
Drawn By	MKH
Checked By	DAB

100% CD

Date
04/01/2024

Project Number
19-031

Drawing Title
Level 1 Plan
Power

Sheet No
E2.01

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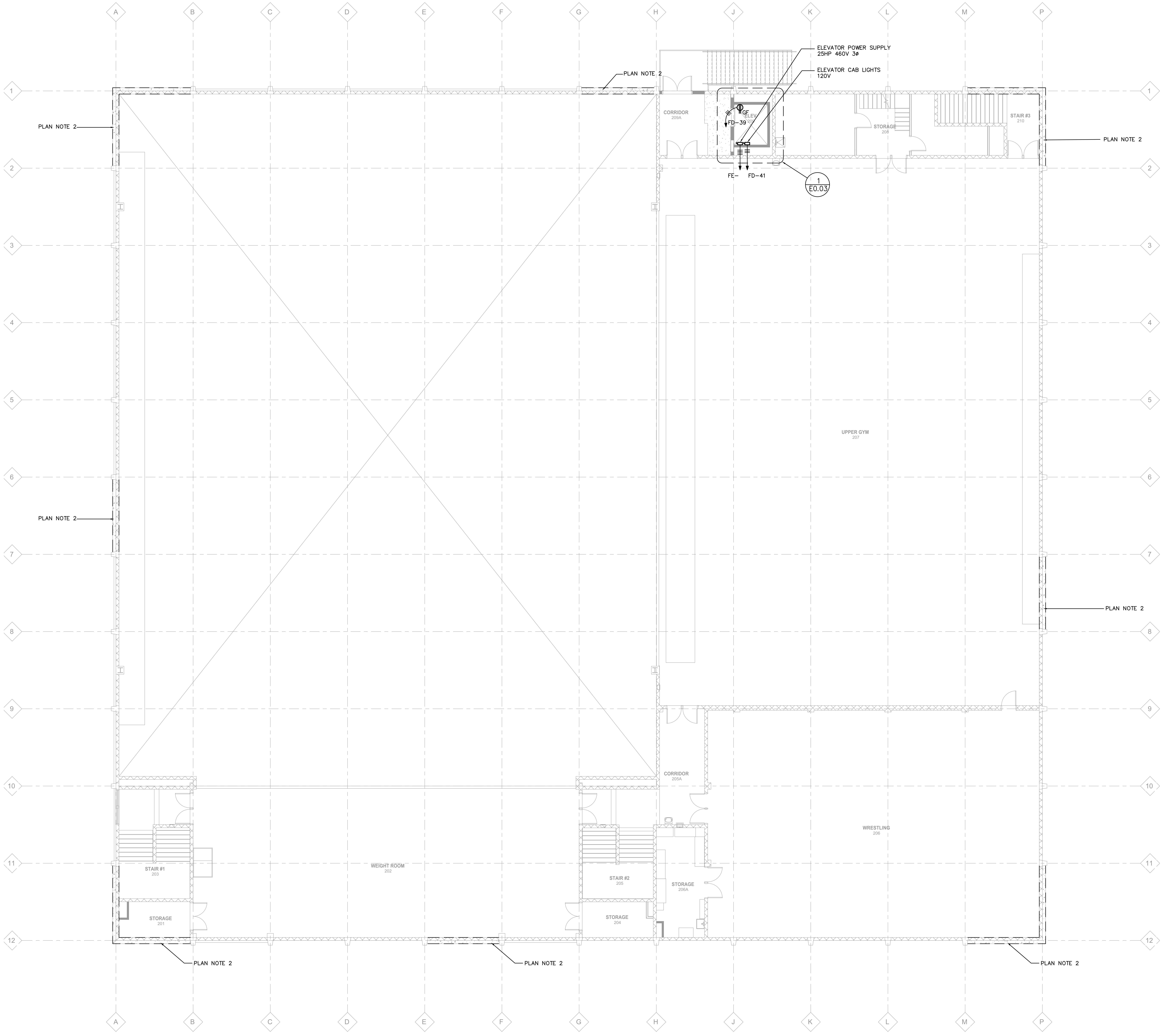

1 E2.02 LEVEL 2 PLAN - POWER

1/8" = 1'-0"

──	NEW WORK
──	EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
—✕—✕—	EXISTING TO BE REMOVED

1/8"=1'-0"
4' 0 4' 8' 12' 16' 20'
scale feet

PLAN NOTES

1. SEE SHEET E0.01 FOR SYSTEM AND EQUIPMENT LEGENDS AND DESCRIPTIONS.
2. SHEAR WALL REINFORCEMENT: RE-INSTALL EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING ON NEW WALL SURFACE.

CITY OF MEDFORD
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Sam Barnum
05/03/24

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DOUGLAS A. BUHR
JULY 20, 1993
EXPIRES: 12-31-25

MEDFORD SCHOOL DISTRICT 549C
NORTH MEDFORD HIGH SCHOOL GYM
1900 N KEENE WAY DR, MEDFORD, OR 97504

Project

Consultant

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Revisions

No.	Description	Date

Date	**04/01/2024**
Job No.	**19-031**
Drawn By	**MKH**
Checked By	**DAB**

100% CD

Date
04/01/2024

Project Number
19-031

Drawing Title
Level 2 Plan
Power

Sheet No
E2.02

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e pwr level 2.dwg Mar 22, 2024 - 1:44pm

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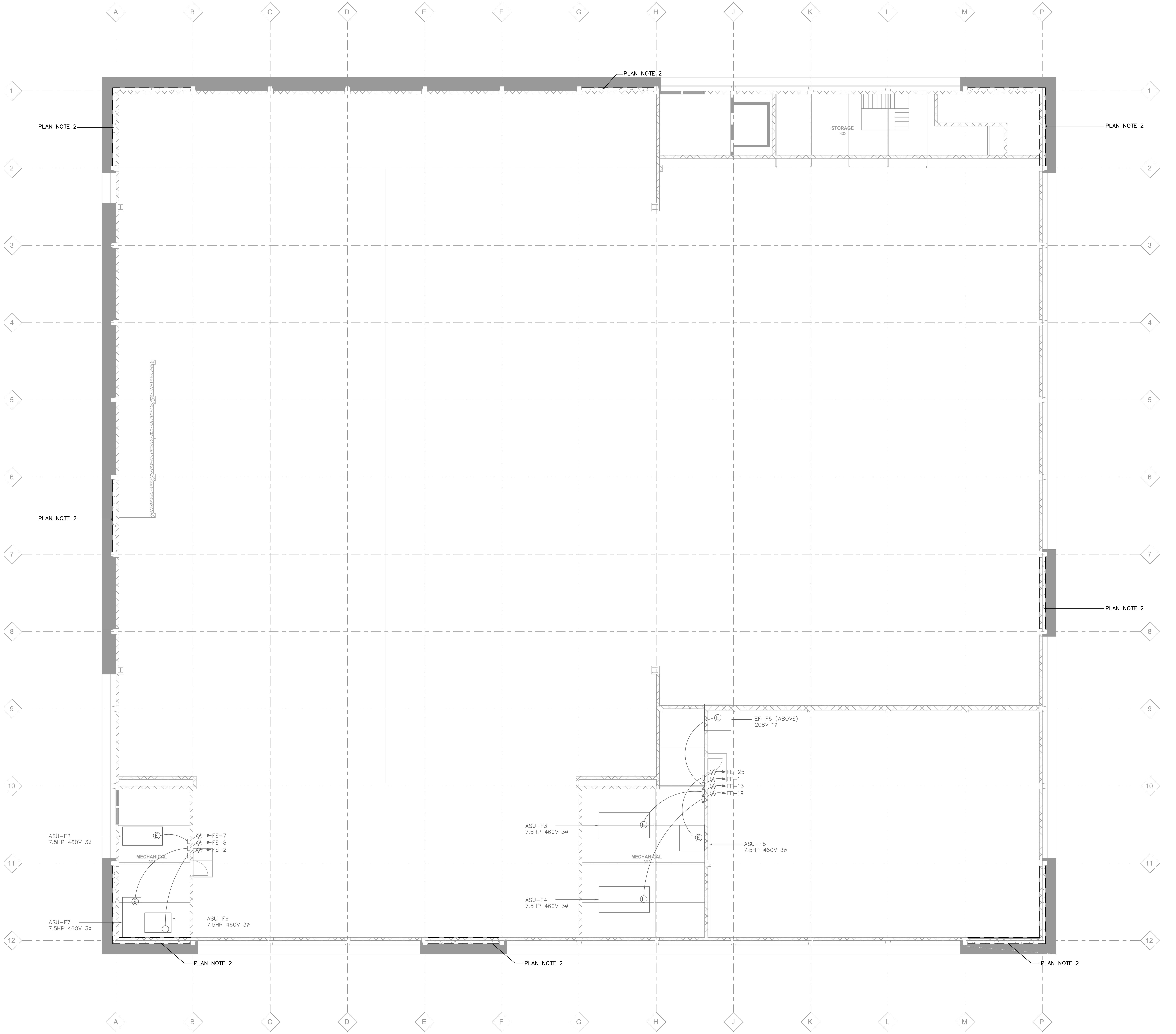

1 E2.03 LEVEL 3 PLAN - POWER
1/8" = 1'-0"

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—×—×—	EXISTING TO BE REMOVED

1/8"=1'-0" 4' 0 4' 8' 12' 16' 20' scale feet

PLAN NOTES

1. SEE SHEET E0.01 FOR SYSTEM AND EQUIPMENT LEGENDS AND DESCRIPTIONS.
2. SHEAR WALL REINFORCEMENT: RE-INSTALL EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING ON NEW WALL SURFACE.

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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tel.: 541.591.9988

DOUGLAS A. BUHR
OREGON
JULY 20, 1993
EXPIRES: 12-31-25

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Project Number
19-031

Drawing Title
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Power

Sheet No
E2.03

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e pwr level 3.dwg Mar 22, 2024 - 1:45pm

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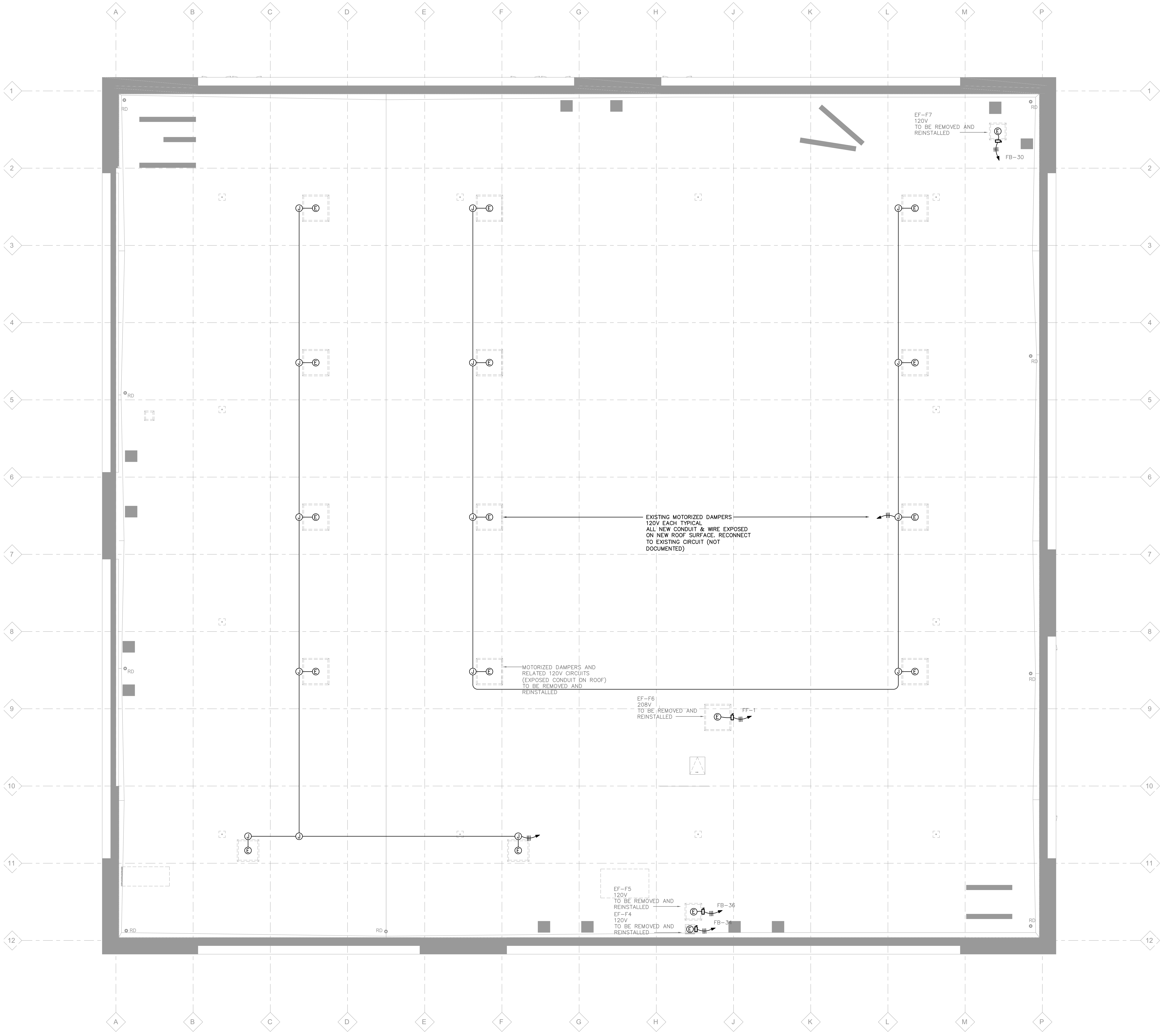

1
E2.04

ROOF PLAN - POWER

1/8" = 1'–0"

──	NEW WORK
──	EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
–✱–✱–	EXISTING TO BE REMOVED

1/8"=1'–0"
4' 0 4' 8' 12' 16' 20'
scale feet

PLAN NOTES

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REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 20, 1993
DOUGLAS A. BUHR
EXPIRES: 12–31–25

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Date 04/01/2024
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Checked By DAB

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Date
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Project Number
19-031

Drawing Title
Roof Plan
Power

Sheet No
E2.04

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e pwr roof.dwg Mar 22, 2024 - 1:46pm

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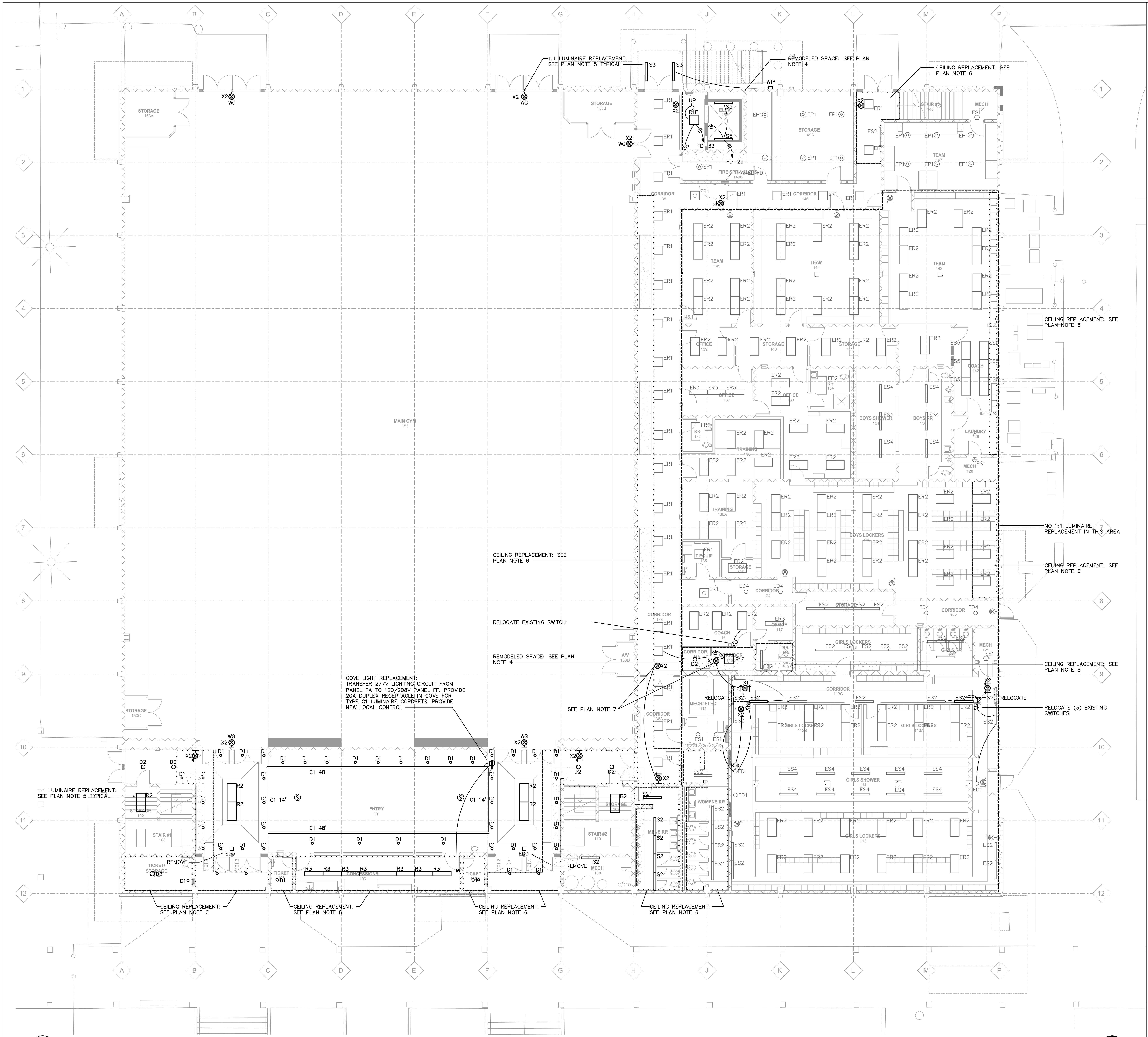

1:1 LUMINAIRE REPLACEMENT: SEE PLAN NOTE 5 TYPICAL

REMODELED SPACE: SEE PLAN NOTE 4

CEILING REPLACEMENT: SEE PLAN NOTE 6

CEILING REPLACEMENT: SEE PLAN NOTE 6

NO 1:1 LUMINAIRE REPLACEMENT IN THIS AREA

CEILING REPLACEMENT: SEE PLAN NOTE 6

CEILING REPLACEMENT: SEE PLAN NOTE 6

RELOCATE

RELOCATE (3) EXISTING SWITCHES

CEILING REPLACEMENT: SEE PLAN NOTE 6

RELOCATE EXISTING SWITCH

REMODELED SPACE: SEE PLAN NOTE 4

COVE LIGHT REPLACEMENT:
TRANSFER 277V LIGHTING CIRCUIT FROM PANEL FA TO 120/208V PANEL FF. PROVIDE 20A DUPLEX RECEPTACLE IN COVE FOR TYPE C1 LUMINAIRE CORDSETS. PROVIDE NEW LOCAL CONTROL

SEE PLAN NOTE 7

RELOCATE

1:1 LUMINAIRE REPLACEMENT: SEE PLAN NOTE 5 TYPICAL

REMOVE

REMOVE

CEILING REPLACEMENT: SEE PLAN NOTE 6

CEILING REPLACEMENT: SEE PLAN NOTE 6

CEILING REPLACEMENT: SEE PLAN NOTE 6

CEILING REPLACEMENT: SEE PLAN NOTE 6

1
E3.01 **LEVEL 1 PLAN - LIGHTING**
1/8" = 1'-0"

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-·-·-·-	EXISTING TO BE REMOVED

1/8"=1'-0" 4' 0 4' 8' 12' 16' 20'
scale feet

PLAN NOTES

1. SEE LEGEND, SHEET E0.01 FOR MANUAL AND AUTOMATIC CONTROL DEVICES AND DESCRIPTIONS.
2. SEE LIGHTING AND CONTROL NOTES, SHEET E0.02, FOR DESCRIPTIONS OF MANUAL AND AUTOMATIC CONTROLS IN EACH TYPE OF SPACE, AND THEIR MODES OF OPERATION.
3. SEE LUMINAIRE SCHEDULE, SHEET E0.02, FOR LUMINAIRE DESCRIPTIONS, MOUNTING, LUMEN OUTPUT, POWER REQUIREMENTS.
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7. PROVIDE NEW EXIT LIGHTS OR EMERGENCY LIGHTING UNITS AT SELECTED LOCATIONS. CONNECT TO EXIT LIGHTING CIRCUIT OR AS INDICATED, PROVIDE UNSWITCHED HOT LEG.

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Revisions

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Job No.	**19-031**
Drawn By	**MKH**
Checked By	**DAB**

100% CD

Date
04/01/2024

Project Number
19-031

Drawing Title
Level 1 Plan
Lighting

Sheet No
E3.01

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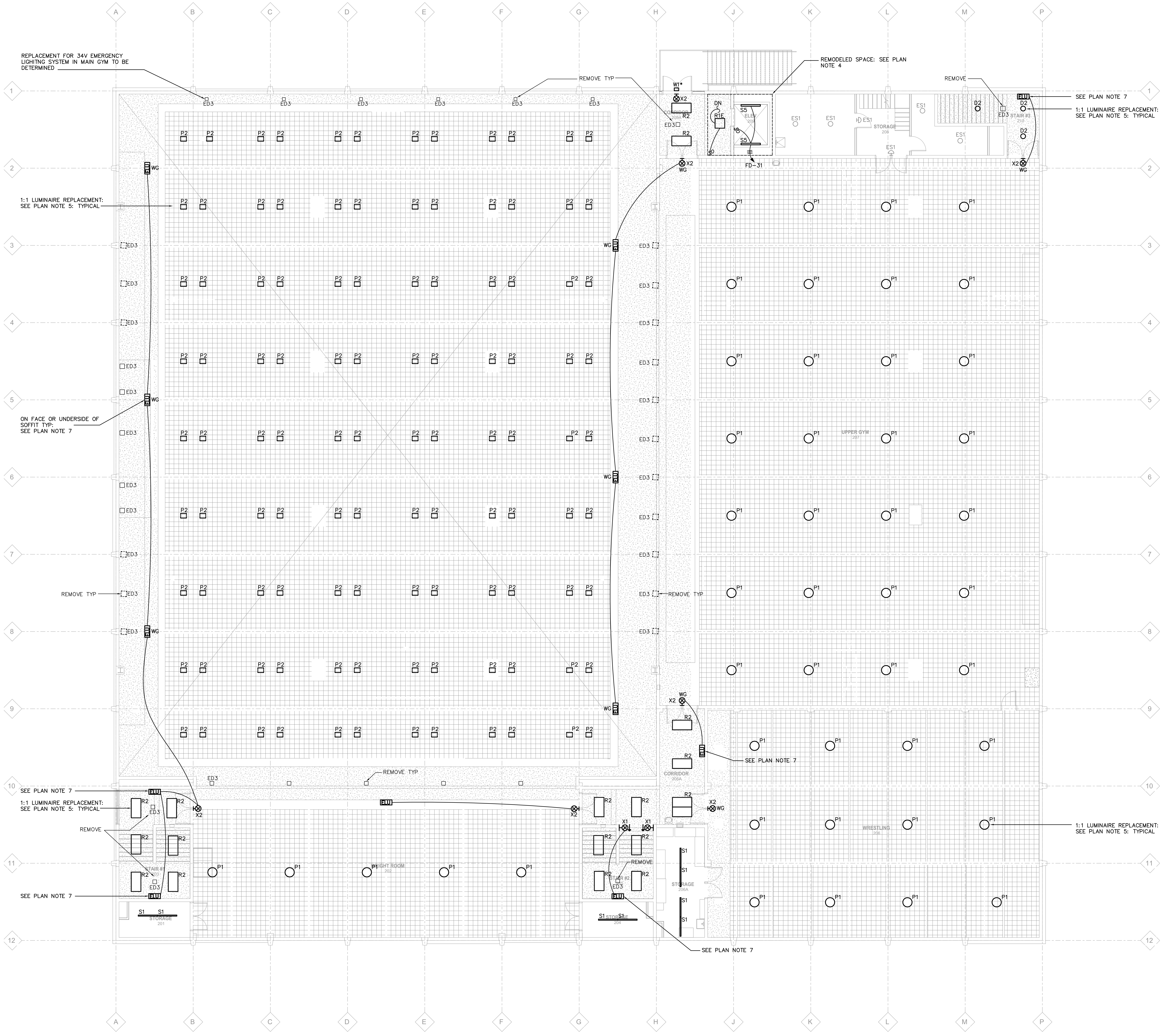
REPLACEMENT FOR 34V EMERGENCY LIGHTING SYSTEM IN MAIN GYM TO BE DETERMINED
REMOVE TYP
REMODELED SPACE: SEE PLAN NOTE 4
REMOVE
SEE PLAN NOTE 7
1:1 LUMINAIRE REPLACEMENT: SEE PLAN NOTE 5: TYPICAL
ON FACE OR UNDERSIDE OF SOFFIT TYP: SEE PLAN NOTE 7
REMOVE TYP
SEE PLAN NOTE 7
1:1 LUMINAIRE REPLACEMENT: SEE PLAN NOTE 5: TYPICAL
REMOVE
SEE PLAN NOTE 7
SEE PLAN NOTE 7
1:1 LUMINAIRE REPLACEMENT: SEE PLAN NOTE 5: TYPICAL
SEE PLAN NOTE 7
ED3
P1
P2
R2
S1
X1
X2
WG
ES1
D2
FD-31
UPPER GYM
WRESTLING
CORRIDOR
STORAGE
WEIGHT ROOM
STAIR #3
A B C D E F G H J K L M P
1 2 3 4 5 6 7 8 9 10 11 12

LEVEL 2 PLAN - LIGHTING

1/E3.02 1/8" = 1'-0"

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- - - - -	EXISTING TO BE REMOVED

1/8"=1'-0" 4' 0 4' 8' 12' 16' 20' scale feet

PLAN NOTES

1. SEE LEGEND, SHEET E0.01 FOR MANUAL AND AUTOMATIC CONTROL DEVICES AND DESCRIPTIONS.
2. SEE LIGHTING AND CONTROL NOTES, SHEET E0.02, FOR DESCRIPTIONS OF MANUAL AND AUTOMATIC CONTROLS IN EACH TYPE OF SPACE, AND THEIR MODES OF OPERATION.
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JULY 20, 1993
DOUGLAS A. BUHR
EXPIRES: 12-31-25

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Revisions

No.	Description	Date

Date	04/01/2024
Job No.	19-031
Drawn By	MKH
Checked By	DAB

100% CD

Date
04/01/2024

Project Number
19-031

Drawing Title
**Level 2 Plan
Lighting**

Sheet No
E3.02

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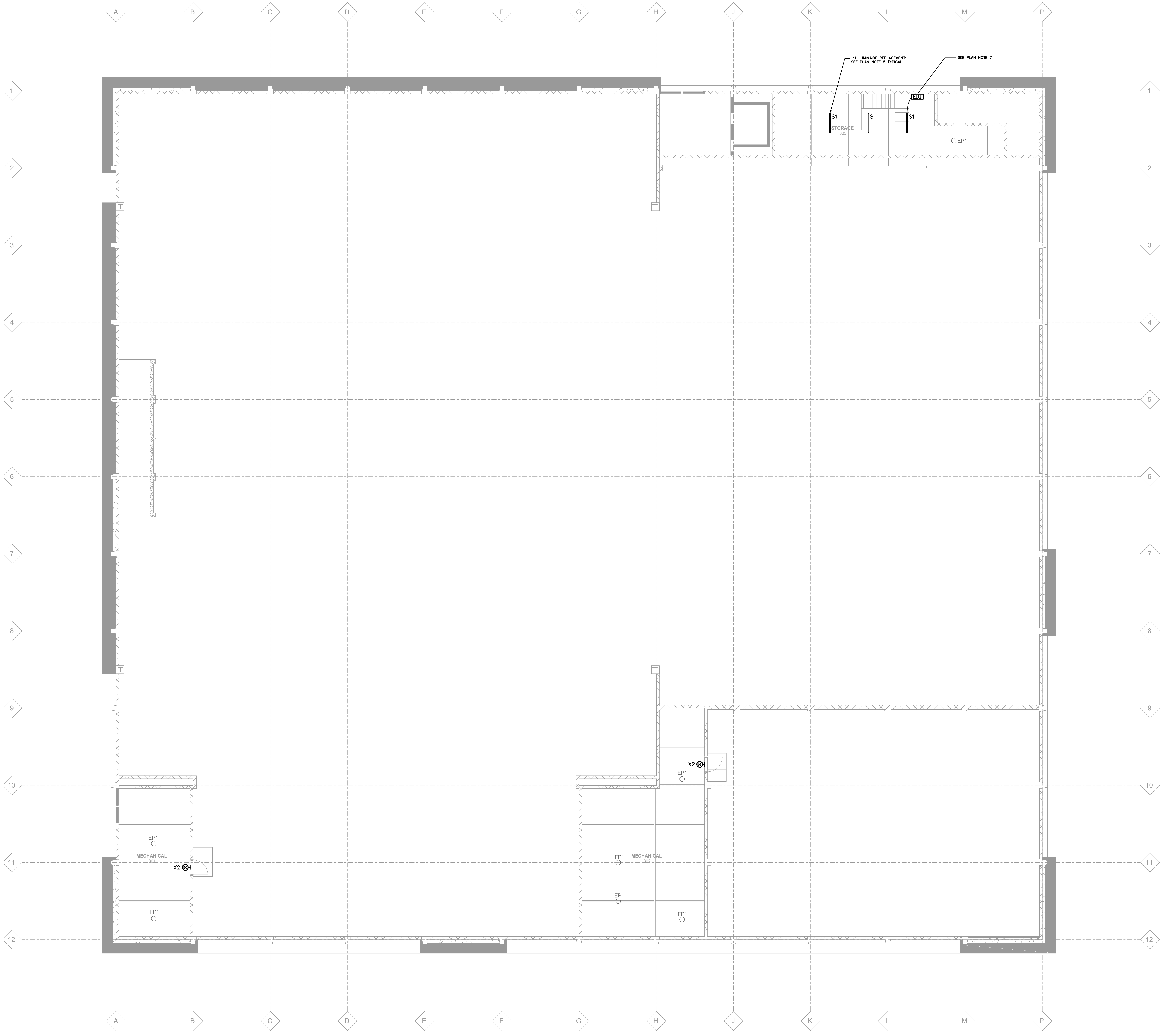

1:1 LUMINAIRE REPLACEMENT:
SEE PLAN NOTE 5 TYPICAL

SEE PLAN NOTE 7

1/8"=1'-0"
4' 0 4' 8' 12' 16' 20'
scale feet

1 E3.03 LEVEL 3 PLAN - LIGHTING
1/8" = 1'-0"

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CITY OF MEDFORD
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05/03/24

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OREGON
JULY 20, 1993
EXPIRES: 12-31-25

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Checked By	**DAB**

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04/01/2024

Project Number
19-031

Drawing Title
Level 3 Plan Lighting

Sheet No
E3.03

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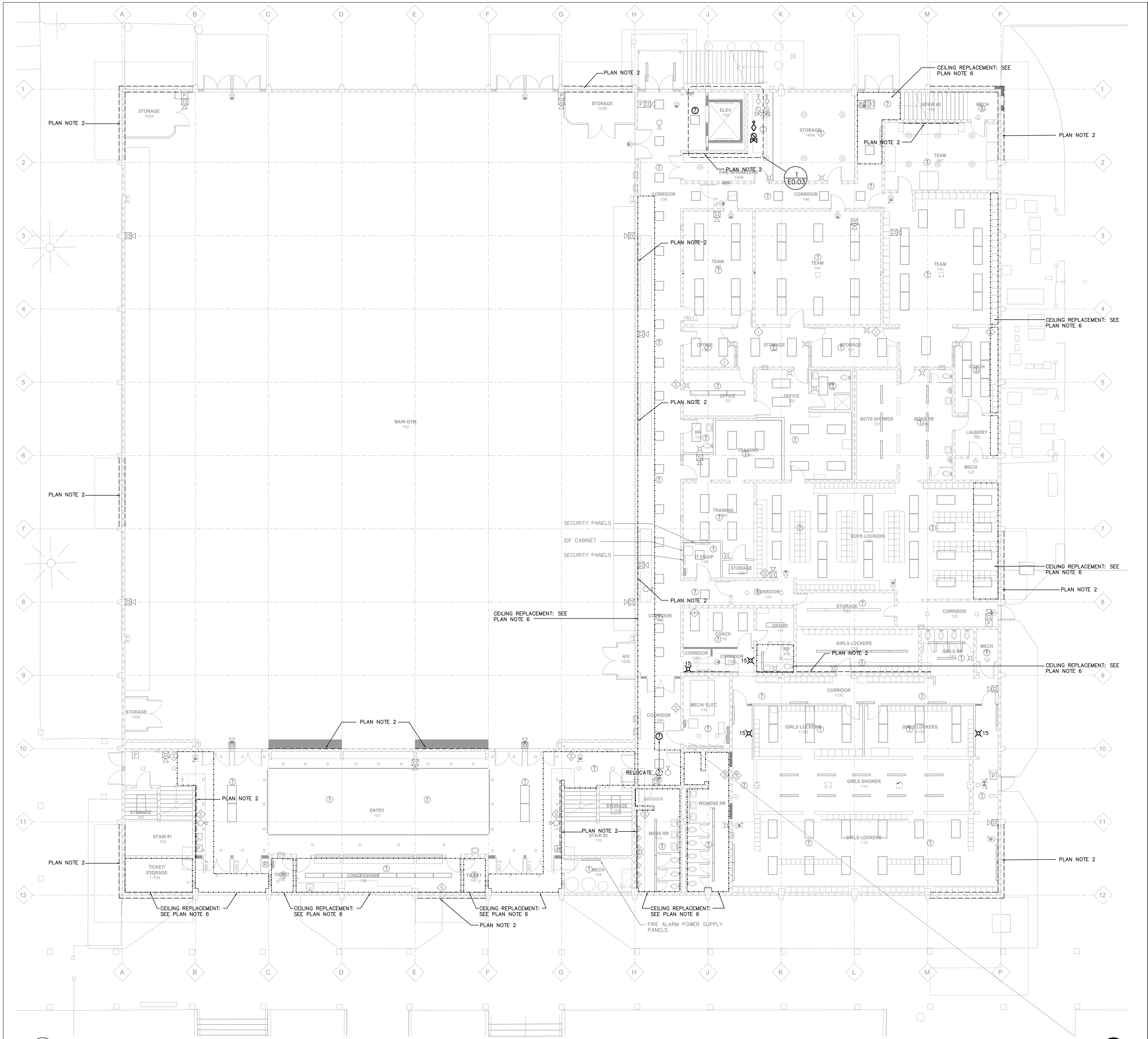

1 E4.01 LEVEL 1 PLAN - DATA/COMMUNICATIONS AND FIRE ALARM
1/8" = 1'-0"

NEW WORK
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Douglas
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Date
04/01/2024

Project Number
19-031

Drawing Title
**Level 1 Plan
Data/Communications
and Fire Alarm**

Sheet No
E4.01

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e facom level 1.dwg Mar 22, 2024 - 1:34pm

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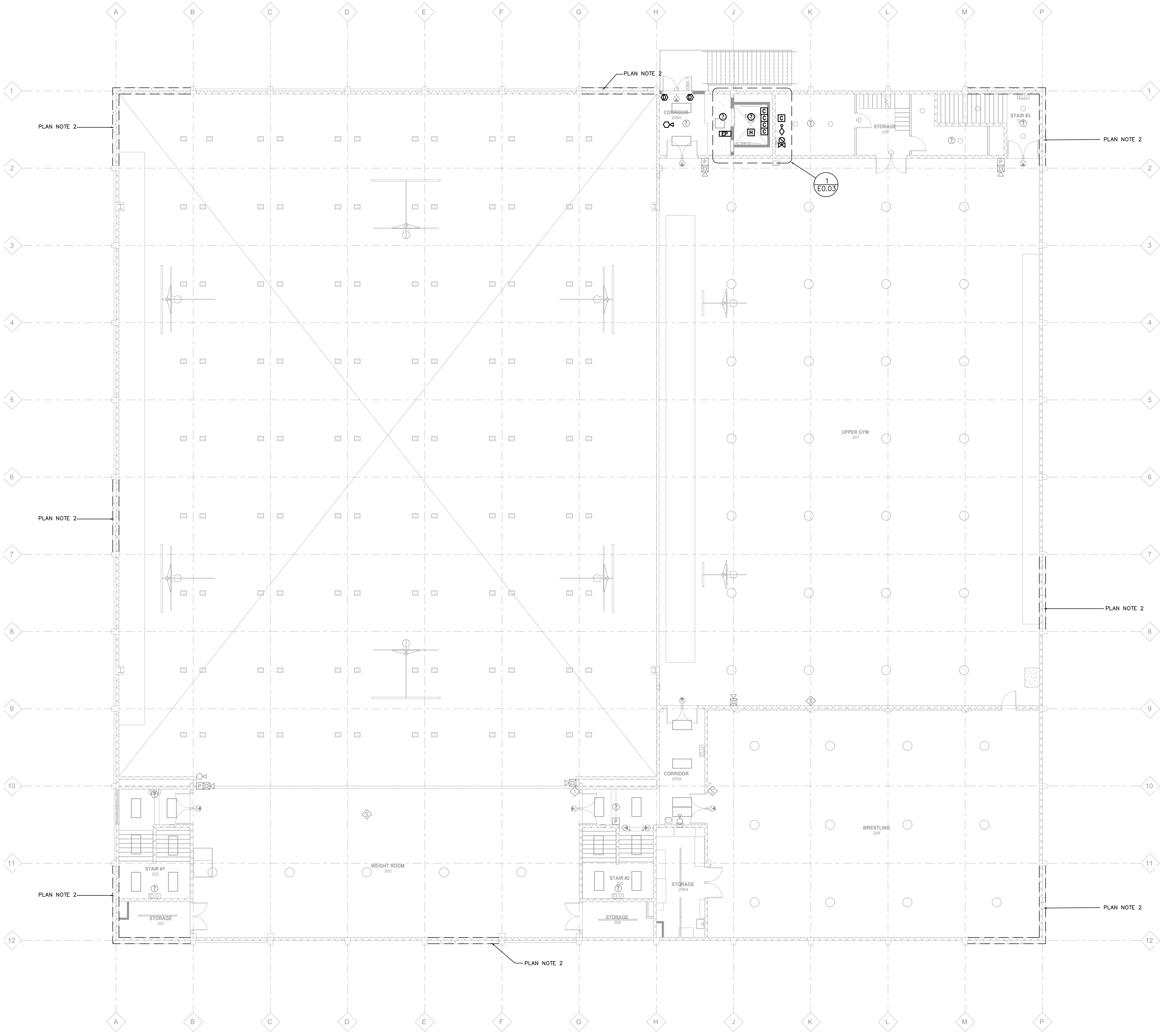

1 E4.02 LEVEL 2 PLAN - DATA/COMMUNICATIONS AND FIRE ALARM

1/8" = 1'-0"

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───	EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
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CITY OF MEDFORD
APPROVED
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05/03/24

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Drawing Title
**Level 2 Plan
Data/Communications
and Fire Alarm**

Sheet No
E4.02

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e facom level 2.dwg Mar 22, 2024 - 1:34pm

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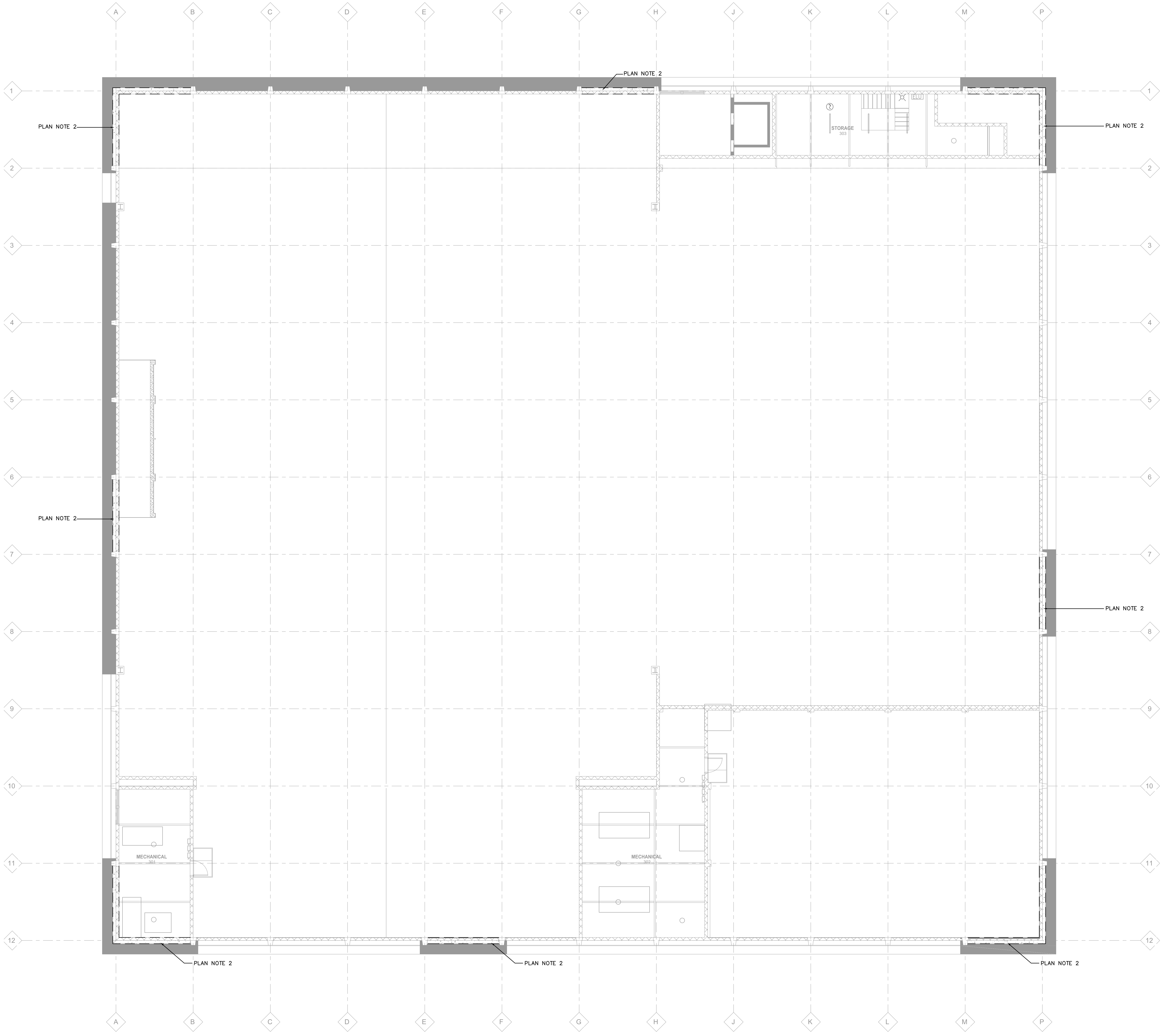

1
E4.03

LEVEL 3 PLAN - DATA/COMMUNICATIONS AND FIRE ALARM

1/8" = 1'-0"

NEW WORK
EXISTING OR DESCRIBED ELSEWHERE IN THESE DOCUMENTS
EXISTING TO BE REMOVED

1/8"=1'-0" 4' 0 4' 8' 12' 16' 20'
scale feet

PLAN NOTES

1. SEE SHEET E0.01 FOR SYSTEM AND EQUIPMENT LEGENDS AND DESCRIPTIONS.
2. SHEAR WALL REINFORCEMENT: RE-INSTALL EXISTING EQUIPMENT, LUMINAIRES, DEVICES AND WIRING ON NEW WALL SURFACE.

CITY OF MEDFORD
APPROVED
Sam Barnum
05/03/24

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REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 20, 1993
DOUGLAS A. BUHR
EXPIRES: 12-31-25

Project

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Revisions

No.	Description	Date

Date	**04/01/2024**
Job No.	**19-031**
Drawn By	**MKH**
Checked By	**DAB**

100% CD

Date
04/01/2024

Project Number
19-031

Drawing Title
Level 3 Plan Data/Communications and Fire Alarm

Sheet No
E4.03

Drawing name: C:\Douglas Engineering Pacific, Inc\Projects - 2023\23506 NMHS Gym Seismic Retrofit\23506 e facom level 3.dwg Mar 22, 2024 - 1:40pm

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