

HCSO MENTAL HEALTH POD

520 N FALKENBURG ROAD
TAMPA, FLORIDA 33619

24001.01

#	ISSUED FOR	DATE
	REVIEW	08.14.24
	PERMIT/BID	08.30.24
1	ADDENDUM #1	09.20.24

THE
LUNZ
GROUP

THE LUNZ GROUP
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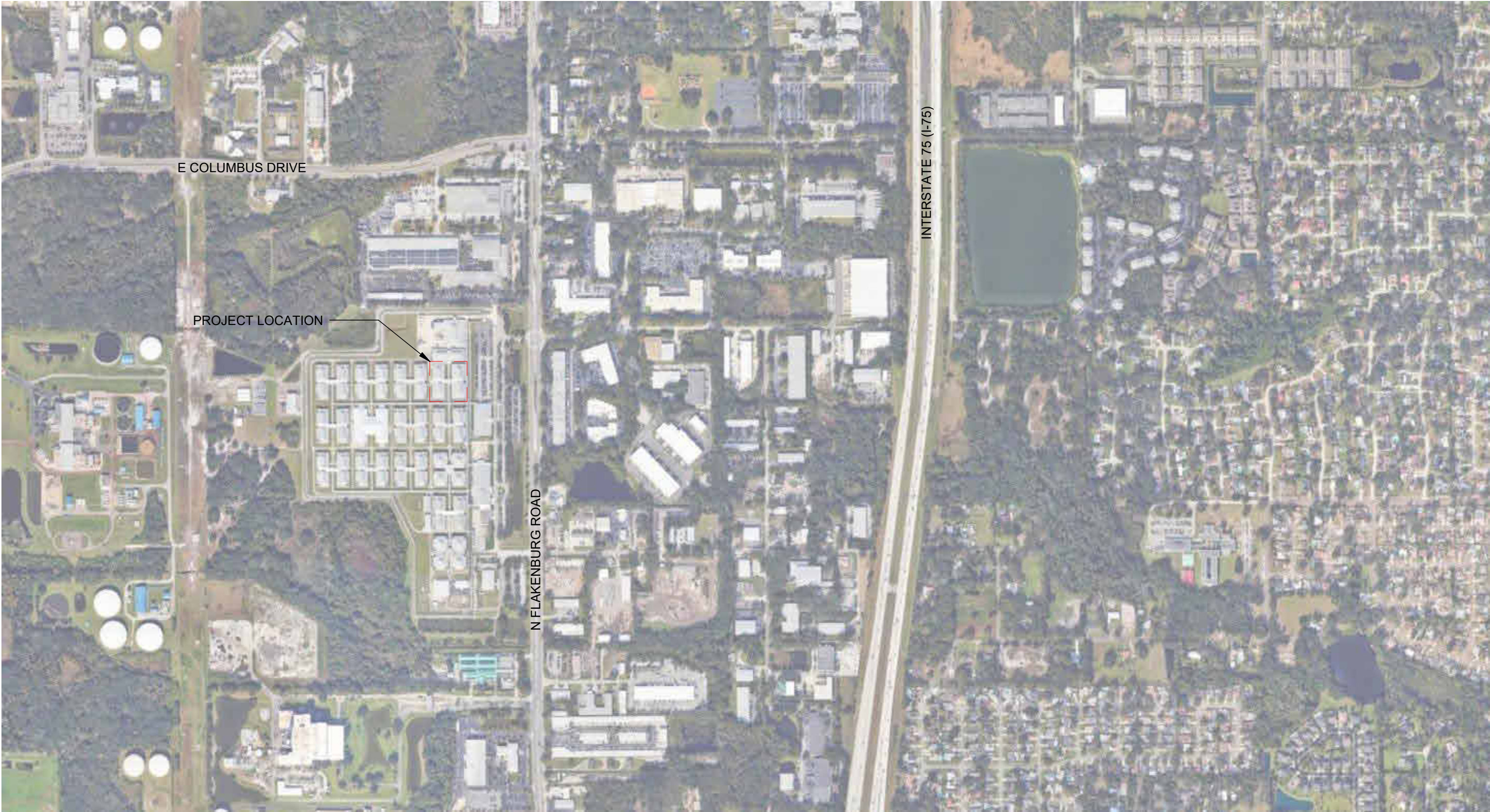
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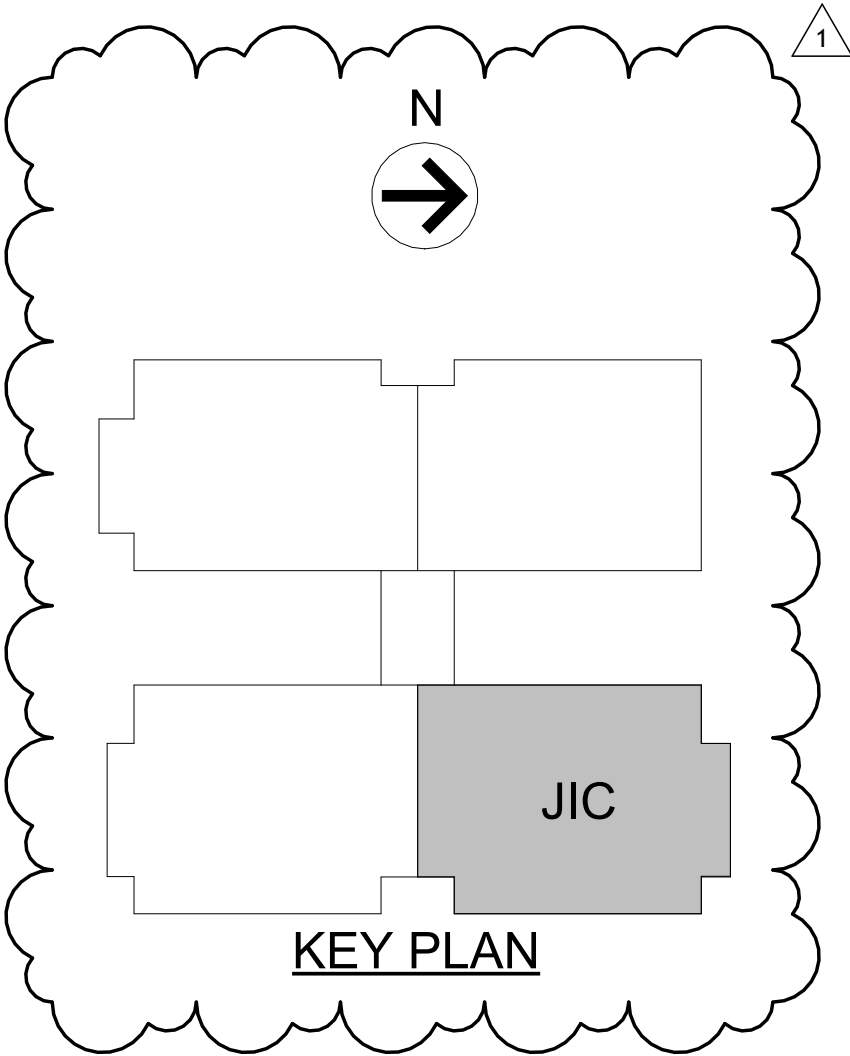
ARCHITECTURAL:
THE LUNZ GROUP
58 LAKE MORTON DRIVE
LAKELAND, FLORIDA 33801

MEPFP:
MES GROUP
550 NORTH REO
STREET SUITE 203
TAMPA, FL 33609

STRUCTURAL:
GEORGE F. YOUNG, INC.
1408 N WESTSHORE BLVD, SUITE 205
TAMPA, FLORIDA 33607



PROJECT VICINITY MAP
NOT TO SCALE



KEY PLAN

PROJECT INFORMATION

PROJECT NAME: HSCO MENTAL HEALTH CLINIC - JIC
PROJECT LOCATION: 520 N. FALKENBURG ROAD
TAMPA, FLORIDA 33619

PROJECT DESCRIPTION

RENOVATION OF EXISTING INSTITUTIONAL SPACE. SCOPE INCLUDES REPLACEMENT OF ALL PLUMBING FIXTURES, FLOORING, LIGHTING, AND OPEN AREA HALF WALLS. ADDITIONS INCLUDE AN ELEVATED DEPUTY VIEWING PLATFORM.

BUILDING DATA:

INSTITUTIONAL GROUP I-3:	12,149 SF
RENOVATION (AREA OF WORK):	11,104 SF
BUILDING SQUARE FOOTAGE:	23,253 SF

FLOOD DESIGN DATA:

N/A

CLADDING DESIGN DATA:

N/A

CODE REFERENCE

APPLICABLE CODES:

FLORIDA BUILDING CODE: EIGHTH EDITION	2023
FLORIDA EXISTING BUILDING: EIGHTH EDITION	2023
FLORIDA ACCESSIBILITY CODE: EIGHTH EDITION	2023
FLORIDA MECHANICAL CODE: EIGHTH EDITION	2023
FLORIDA PLUMBING CODE: EIGHTH EDITION	2023
FLORIDA FIRE PREVENTION CODE: EIGHTH EDITION	2023
NFPA 70: NATIONAL ELECTRICAL (EXCEPT ARTICLE 80):	2020

OCCUPANCY (FBC CHAPTER 3):
INSTITUTIONAL - GROUP I-3

CLASSIFICATION OF WORK (FBC EXISTING BLDG CHAPTER 6):
ALTERNATION - LEVEL 2

GENERAL BUILDING LIMITATIONS (FBC TABLE 504): TYPE 2B (UNPROTECTED, SPRINKLERED)		
	ALLOWABLE:	PROVIDED:
		EXISTING
MAX HEIGHT	75'-0"	
HEIGHT INCREASE (SECTION 504.2)	N/A	N/A
MAX STORIES	2	1
STORY INCREASE (SECTION 504.2)	--	--
MAX AREA FBC TABLE 506.2	40,000 SQ. FT.	23,253 SQ. FT.
AREA INCREASE (SECTION 506.3, SPRINKLED, 200% INCREASE	--	--

TYPE OF CONSTRUCTION (FBC CHAPTER 6): 2B

FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS:
(TABLE 601)

BUILDING ELEMENT	TYPE 2B
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS EXTERIOR INTERIOR	0
NON-BEARING WALLS AND PARTITIONS (INTERIOR)	0
FLOOR CONSTRUCTION AND SECONDARY MEMBERS	0
ROOF CONSTRUCTION AND SECONDARY MEMBERS	0

INTERIOR FINISHES (TABLE 803.11):

OCCUPANCY	EXIT ENCLOSURES AND PASSAGEWAYS	CORRIDORS	ROOMS AND ENCLOSED SPACES
GROUP I-3	CLASS A	CLASS A	CLASS C

AUTOMATIC SPRINKLER SYSTEMS: (FBC 903.2)
GROUP I-3 : REQUIRED

AN AUTOMATIC SPRINKLER SYSTEM IS EXISTING TO REMAIN THROUGHOUT.

FIRE ALARM: (FBC 907, NFPA 72)
GROUP I-3 : REQUIRED

A MANUAL FIRE ALARM SYSTEM AND AUTOMATIC SMOKE DETECTION SYSTEM FOR ALERTING STAFF IS EXISTING TO REMAIN THROUGHOUT.

MEANS OF EGRESS (FBC CHAPTER 10)
POPULATION/ OCCUPANCY LOAD (FROM TABLE 1004.1.2)

FUNCTION OF SPACE	AREA	AREA /PERSON	OCCUPANTS
INSTITUTIONAL (I-3) - SLEEPING AREAS	12,149 SF	120 GROSS	44*
	TOTAL OCCUPANT LOAD		44 PERSONS

*OCCUPANT LOAD IS DETERMINED BY ACTUAL MAXIMUM COUNT OF INMATES

MEANS OF EGRESS

(FBC CHAPTER 10)	SPRINKLERED, I-3 OCCUPANCY	
OCCUPANCY:	REQUIRED	PROVIDED
MAXIMUM TRAVEL DISTANCE (TABLE 1017.2.2)	I-3: 200'- 0"	I-3: 128' - 8"
MAXIMUM DEAD-END CORRIDOR (FBC 1020.4)	50'- 0"	N/A
TOTAL # OF BLDG EXITS (SECTION 1006.3.1)	2 PER STORY	2 PER STORY
TOTAL # OF SPACE EXITS (SECTION 1006.2.1)	2 IF GREATER THAN 49 OCCUPANTS	2
COMMON PATH OF EGRESS TRAVEL (SECTION 1006.3.2 (2))	100' - 0"	N/A
EGRESS STAIR WIDTH PER LEVEL (SECTION 1005.3.1)	0.3 x (0.4)=	N/A
OTHER EGRESS WIDTH PER LEVEL (SECTION 1005.3.2)	0.2 44 x (0.2)= 8.8	AT LEAST 36"
MINIMUM CORRIDOR AISLE WIDTH (TABLE 1020.2)	44"	104"
EXIT PASSAGE WAY FIRE RATING (SECTION 1023.3)	N/A	N/A
MINIMUM CLEAR OPENING OF EXIT DOORS (SECTION 1010.1.1)	32"	AT LEAST 36"

CORRIDOR FIRE RESISTANCE RATING:
(FROM TABLE 1020.1)

OCCUPANCY CLASSIFICATION	OCCUPANT LOAD	FIRE RESISTANCE RATING (SPRINKLED)
GROUP I-3	44 PERSONS	1 HR

MINIMUM PLUMBING FACILITIES (FPC CHAPTER 403.1)
INSTITUTIONAL - 44 PERSONS

CATEGORY	WATER CLOSETS		LAVATORIES		BATH/SHOWERS		DRINKING FOUNTAINS		OTHER - SERVICE SINK
	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	
INSTITUTIONAL (20 CELLS / 24 GENERAL)									
CELLS	20	20	20	20	1.3	3	0.32	--	1
GENERAL	1.6	4	1.6	4	1.6	4			

NOTE: ALL INMATE AREAS SHALL MEET FLORIDA
MODEL JAIL STANDARDS (EFFECTIVE DATE: 4.25.2024)



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REVIEW BY: Project
Manager
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G-001C

SHEET NO		SHEET TITLE									
				06.20.2024	DD	07.26.2024	75% CD	08.30.2024	PERMIT/BID	09.20.2024	ADDENDUM #1
GENERAL											
G-000C	COVER SHEET - JIC			•	•	•	•	•	•	•	•
G-001C	CODE DATA - JIC			•	•	•	•	•	•	•	•
G-002C	DRAWING INDEX - JIC							•	•	•	•
G-200C	GENERAL NOTES - JIC							•	•	•	•
G-300C	ACCESSIBILITY & MOUNTING HEIGHTS - JIC							•	•	•	•
LIFE SAFETY											
LS-101C	LIFE SAFETY PLAN - JIC							•	•	•	•
STRUCTURAL											
S-001C	COVER SHEET - JIC							•	•	•	•
S-002	STRUCTURAL GENERAL NOTES AND ABBREVIATIONS							•	•	•	•
S-003	COMPONENTS AND CLADDING							•	•	•	•
S-100C	DEMOLITION PLAN - JIC							•	•	•	•
S-101C	GROUND FLOOR PLAN – JIC							•	•	•	•
S-102C	SECOND FLOOR FRAMING PLAN – JIC							•	•	•	•
S-201	SCHEDULES & TYPICAL DETAILS							•	•	•	•
S-301	TYPICAL FOUNDATION DETAILS							•	•	•	•
S-302	TYPICAL MASONRY DETAILS							•	•	•	•
S-303	SECTIONS & DETAILS							•	•	•	•
ARCHITECTURE											
AD-101C	DEMOLITION FLOOR PLAN – JIC							•	•	•	•
A-101C	OVERALL FLOOR PLAN – JIC							•	•	•	•
A-111C	REFLECTED CEILING PLAN - JIC							•	•	•	•
A-402C	ENLARGED RESTROOM PLANS AND ELEVATIONS - JIC							•	•	•	•
A-403C	MILLWORK ELEVATIONS AND DETAILS - JIC							•	•	•	•
A-404C	MILLWORK DETAILS - JIC							•	•	•	•
A-500C	WALL TYPES - JIC							•	•	•	•
A-602C	ROOM FINISH PLAN AND SCHEDULE JIC							•	•	•	•
ELECTRICAL											
E-001C	ELECTRICAL NOTES, LEGENDS & ABBREVIATIONS - JIC							•	•	•	•
ED-101C	ELECTRICAL DEMOLITION PLAN - JIC							•	•	•	•
E-101C	ELECTRICAL LIGHTING RENOVATION PLAN - JIC							•	•	•	•
E-501C	ELECTRICAL DETAILS & SCHEDULES - JIC							•	•	•	•
PLUMBING											
P-001C	PLUMBING NOTES, LEGENDS & SCHEDULES - JIC							•	•	•	•
PD-101C	PLUMBING DEMOLITION PLAN - JIC							•	•	•	•
P-101C	PLUMBING RENOVATION PLAN - JIC							•	•	•	•
P-401C	PLUMBING ENLARGED PLANS - JIC							•	•	•	•
P-501C	PLUMBING DETAILS - JIC							•	•	•	•
P-901C	SANITARY & VENT ISOMETRIC - JIC							•	•	•	•

1

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[illegible]

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G-002C

ABV.	ANCHOR BOLT
ACC.	ABOVE
ACC.	ACCESS
ACCU.S.	ACOUSTICAL
A.C.T.	ACOUSTICAL CEILING TILE
	AIR CONDITIONER
ADD.	ADDENDUM
ADH.	ADHESIVE
ADJ.	ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
	ALTERNATE
ALUM.	ALUMINUM
ANCH.	ANCHOR
ANNUNC.	ANNUNCIATOR
ANOD.	ANODIZED
	ACCESS PANEL
APPROX.	APPROXIMATE
	ACID RESISTING
ARCH.	ARCHITECTURAL
	ABOVE SLAB
ASPH.	ASPHALT
ASST.	ASSISTANT
AUTO.	AUTOMATIC
	BOTTOM OF
	BASEBOARD
	BOARD
BLDG.	BUILDING
BKL.	BLOCK
BKLG.	BLOCKING
	BEAM
	BENCH MARK
BOT.	BOTTOM
BRG.	BEARING
BRK.	BRICK
	BOTH SIDES
BSE.	BASE
BSMT.	BASEMENT
B.T.B.	BACK TO BACK
B.U.R.	BUILT UP ROOFING
CAB.	CABINET
	CONH.BASIN
CCTV.	CLOSED CIRCUIT TELEVISION
CEM.	CEMENT
C.F.L.	COUNTER FLASHING
	CORNER GUARD
CIRC.	CIRCULATION
	CONTROL JOINT
	CAULK (WG)
	CENTER LINE
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR
CLS.	CLOSURE
C.M.U.	CONSTRUCTION MANAGER
	CONCRETE MASONRY UNIT
	CLEAN OUT
C.O.L.	COLUMN
CONC.	CONCRETE
CONF.	CONFERENCE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
COORD.	COORDINATE
CORRR.	CORRIDOR
	CONTROL PANEL
CPT.	CARPET
	CLINICAL SINK
	CERAMIC TILE
C.T.C.	CENTER TO CENTER
C.T.G.	CLEAR TEMPERED GLASS
CTR.	CENTER
CTSK.	COUNTRESUNK
	CUBIC
C.W.	COLD WATER
C.W.G.	CLEAR WIRE GLASS
	DRAIN
DBL.	DOUBLE
DEG.	DEGREE
DEMO.	DEMOLISH
DEPT.	DEPARTMENT
DET.	DETAIL
	DRINKING FOUNTAIN
	DIAMETER
DIAG.	DIAGONAL
DIFF.	DIFFUSER
	DIMENSION
DISP.	DISPENSER
	DIVISION
	DOWN
	DOOR OPENING
	DAMP/PROOFING
	DOOR
	DOWNSPOUT
DTL.	DETAIL
	DISH WASHER
DWG.	DRAWING
	EAST
	EACH
	EXPANSION BOLT
E.F.S.	EXTERIOR FINISH SYSTEM
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM
	EXPANSION JOINT
	ELEVATION
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMER.	EMERGENCY
ENCL.	ENCLOSURE
ENGR.	ENGINEER
ENT.	ENTRANCE
E.PNL.	ELECTRICAL PANEL
	EQUAL
EQUIP.	EQUIPMENT
EXH.	EXHAUST
EXIST.	EXISTING
EXP.	EXPANSION
EXPO.	EXPOSED
EXT.	EXTERIOR
	FACE OF
	FIRE ALARM

F.D.	FLOOR DRAIN	P.F.	PANEL FABRIC
F.E.	FIRE EXTINGUISHER	PFB.	PREFABRICATE(D)
F.E.C.	FIRE EXTINGUISHER CABINET	PFN.	PREFINISHED
F.H.	FINISH FLOOR	PL	PLATE
F.H.H.	FULL HEIGHT	P.LAM	PLASTER LAMINATE
F.H.C.	FIRE HOSE CABINET	PLAS.	PLASTER
F.H.R.	FIRE HOSE RACK	PLBG.	PLUMBING
F.H.S.	FIRE HOSE STATION	PLWD.	PLYWOOD
FIN.	FINISH	P.M.	PRESSED METAL
FL.	FLOOR	PNL.	PANEL
FLASH.	FLASHING	PNT.	PAINT
FLUOR.	FLEXIBLE	POL.	POLISHED
FLUOR.	FLUORESCENT	PR.	PAIR
FPFR.	FIREPROOF	PROP.	PROPERTY
F.P.S.C.	FIREPROOF SELF CLOSING	P.S.	PULL STATION
FT.	FOOT (FEET)	P.S.F.	POUNDS PER SQUARE FOOT
FT.G.	FACE TO FACE	P.S.I.	POUNDS PER SQUARE INCHES
FTG.	FOOTING	PT.	POINT
FURN.	FURNISH	P.T.	PRESSURE TREATED
FURR.	FURRING	PTD.	PAINTED
FUT.	FUTURE	P.TN.	PARTITION
GA.	GAUGE	Q.T.	QUARRY TILE
GALV.	GALVANIZED	QTY.	QUANTITY
G.C.	GENERAL CONTRACTOR		
GEN.	GENERAL	R.	RISER
GL.	GLASS	RAD.	RADIUS
GND.	GROUND	R.B.	RUBBER BASE
G.PL.	GYPSUM PLASTER	R.C.P.	REFLECTED CEILING PLAN
G.W.	GROUT	R.D.	ROUND
C.H.V.	GYPSUM WALL BOARD	REC.	RECESSED
GYP.	GYPSUM	RECEP.	RECEPTION
GYP. BD.	GYPSUM BOARD	REF.	REFERENCE
H.	HIGH	REFR.	REFRIGERATOR
H.C.	HOLLOW CORE	REINF.	REINFORCED(REINFORCING)
HDCP.	HOLLOW CORED	REIN.	REQUIRE
HDW.	HARDWARE	RESIL.	RESILIENT
HDWD.	HARDWOOD	REV.	REVISION
H.M.	HOLLOW METAL	R.H.	RIGHT HAND
H.O.	HOLD OPEN	RM.	ROOM
HORIZ.	HORIZONTAL	R.O.	ROUGH OPENING
H.P.	HIGH POINT		
HOUR.	HOUR	S.	SOUTH
HT.	HEIGHT	SAN.	SANITARY
HTG.	HEATING	S.C.	SOLID CORE
H.V.A.C.	HEATING, VENTILATING, AIR CONDITIONER	SCHED.	SCHEDULE
		S.D.	SOAP DISPENSER
H.W.	HOT WATER	SECT.	SECTION
I.D.	INSIDE DIAMETER	SECUR.	SECURITY
IN.	INCH(ES)	S.F.	SQUARE FOOT(FEET)
INCAND.	INCANDESCENT	SHR.	SHOWER
INCL.	INCLUDE(D)	SHT.	SHEET
INFO.	INFORMATION	SIM.	SIMILAR
INSUL.	INSULATION	SNT.	SEALANT
INT.	INTERIOR	SPEC.	SPECIFICATION
INTERM.	INTERMEDIATE	SPKR.	SPEAKER
INV.	INVERT	SQ.	SQUARE
JAN.	JANITOR	S.S.	STAINLESS STEEL
J.B.	JOIST BEARING	S.SK.	SERVICE SINK
J.C.	JANITORS CLOSET	STA.	STATION
JT.	JOINT	S.T.C.	SOUND TRANSMISSION CLASS
K.D.	KNOCK DOWN	STD.	STANDARD
K.O.	KNOCK OUT	STER.	STERILIZER
KIT.	KITCHEN	STL.	STEEL
K.S.	KNEE SPACE	STN.	STONE
LAB.	LABORATORY	STOR.	STORAGE
LACQ.	LACQUERED	STRUC.	STRUCTURAL
LAM.	LAMINATE(D)	SURG.	SURGICAL
LB.(s)	POUND(S)	SUSP.	SUSPENDED
LAV.	LAVATORY	SWBD.	SWITCHBOARD
LG.	LENGTH	SYM.	SYMMETRICAL
L.H.	LEFT HAND		
LIN.	LINEN	T.	TREAD
LKR.	LOCKER	T & B.	TOP & BOTTOM
L.L.	LEAD LINED	T. & G.	TOP & GROOVE
L.P.	LOW POINT	T.B.D.	TO BE DETERMINED
LT.	LIGHT	TEL.	TELEPHONE
LT.WT.	LIGHTWEIGHT	TEMP.	TEMPERED
MAR.	MARBLE	TER.	TERRAZZO
MAINT.	MAINTENANCE	THK.	THICK
MAS.	MASONRY	THRU.	THROUGH
MAT.	MATERIAL	TLT.	TILE
MAX.	MAXIMUM	T.O.B.	TOP OF BEARING
MECH.	MECHANICAL	T.O.P.	TOP OF PLATE
MEMB.	MEMBRANE	TOPO.	TOPOGRAPHY
MEZZ.	MEZZANINE	T.O.S.	TOP OF SLAB
MFR.	MANUFACTURER	T.O.STL.	TOP OF STEEL
MGMT.	MANAGEMENT	T.V.	TELEVISION
MIN.	MINIMUM	TYP.	TYPICAL
MISC.	MISCELLANEOUS		
M.O.	MASONRY OPENING	UNF.	UNFINISHED
MOV.	MOVABLE	U.N.O.	UNLESS NOTED OTHERWISE
M.R.	MOISTURE RESISTANCE	U.O.N.	UNLESS OTHERWISE NOTED
MTD.	MOUNTED	UR.	URINAL
MTG.	MOUNTING	UTIL.	UTILITY
MTL.	METAL		
MULL.	MULLION	V.	VINYL
N.	NORTH	VAC.	VACUUM
N.C.	NURSE CALL	V.B.	VINYL BASE
N.I.C.	NOT IN CONTRACT	V.C.T.	VINYL COMPOSITION TILE
NO.	NUMBER	VENT.	VENTILATION
NOM.	NOMINAL	VERT.	VERTICAL
N.T.S.	NOT TO SCALE	VEST.	VESTIBULE
O.A.	OVERALL	V.I.F.	VERIFY IN FIELD
O.C.	ON CENTER	VOL.	VOLUME
O.D.	OUTSIDE DIAMETER	VP.B.	VAPOR BARRIER
OFF.	OFFICE	V.T.	VINYL TILE
OH.	OVERHEAD	W.C.V.	VINYL WALL COVERING
OPNG.	OPENING		
OPP.	OPPOSITE	W	WEST OR WIDE
OPP.H.	OPPOSITE HANG	W/	WITH
O.T.O.	OUT TO OUT	W/O	WITHOUT
P.A.</			

1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH SITE CONDITIONS AS THEY MAY AFFECT CARRYING OUT THE WORK AS DESCRIBED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR CORRECTING ANY DEFICIENCIES. THE PROJECT AND NOTIFY THE ARCHITECT OF ANY CONDITIONS THAT REQUIRE MODIFICATION BEFORE PROCEEDING WITH THE WORK.
2. DIMENSIONS INDICATED ARE TO FACES OF STRUCTURE AND GRID LINES (TYPICAL), UNLESS NOTED OTHERWISE.
3. REFER TO ENLARGED PLANS FOR DIMENSIONS, DETAIL REFERENCES, AND INTERIOR ELEVATION REFERENCES WITHIN THOSE AREAS.
4. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS. ALL NOTES ARE TO BE REVIEWED, AND APPLIED TO RELATED BUILDING COMPONENTS. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE THAT ARE SHOWN, WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED OR REASONABLY INFERRED. CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL COLUMN AND BEARING WALL LOCATIONS AND SIZES.
5. REFER TO SHEET A-321 FOR PARTITION TYPES, DETAILS, AND DESCRIPTIONS.
6. PARTITION TYPES CONTINUE AROUND CORNERS UNLESS INDICATED OTHERWISE.
7. REFER TO REFLECTED CEILING PLANS FOR SOFFIT LOCATIONS AND CEILING DETAIL REFERENCES.
8. WHERE DOORS IN METAL STUD/GYPSUM BOARD PARTITIONS ARE NOT SPECIFICALLY LOCATED ON THE PLANS WITH DIMENSION STRINGS, PROVIDE A MINIMUM HINGE-SIDE JAMB DIMENSION OF 6" FROM DOOR OPENING TO ADJACENT PERPENDICULAR WALLS. WHERE DOORS APPEAR TO BE CENTERED WITHIN CORRIDORS, LOCATE THE DOORS IN THE CENTER OF THE CORRIDOR.
9. DRAWINGS ARE PREPARED USING DIMENSIONS AND PRODUCT CONFIGURATIONS OR DETAILS OF SPECIFIC MANUFACTURERS (TYPICALLY THE FIRST MANUFACTURER LISTED UNDER "ACCEPTABLE MANUFACTURERS" IN THE SPECIFICATIONS). DIMENSIONS AND DETAILS FOR SPECIFIC PRODUCTS MAY CHANGE BEFORE THEY ARE ACTUALLY INCORPORATED INTO THE WORK, AND PRODUCTION BY OTHER MANUFACTURERS MAY ALSO BE ACCEPTABLE. THEREFORE, ACTUAL INSTALLATION DETAILS AND DIMENSIONS MAY DIFFER FROM THOSE SHOWN. CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED IN THE WORK (INCLUDING PARTITION THICKNESSES FOR RECESSED OR SEMI-RECESSED PRODUCTS), AND IS RESPONSIBLE FOR ACCOMMODATING AND COORDINATING CHANGES TO OTHER MATERIALS OR PRODUCTS THAT ARE NECESSARY BECAUSE OF THESE DIFFERENCES.
10. THE DRAWINGS AND SPECIFICATIONS ARE SEPARATED INTO DISCIPLINES FOR THE CONVENIENCE OF THE ARCHITECT AND THE CONTRACTOR. THE SEPARATIONS USED HEREIN ARE USED ONLY FOR THE PURPOSES OF SCOPE AND REFERENCE AND IN NO WAY DO THEY DEFINE OR LIMIT THE SCOPE OR INTENT OF ANY PART OF THE DRAWINGS, OR ANY OF THE DRAWINGS AND SPECIFICATIONS AS A WHOLE. THE FACT THAT THE DRAWINGS ARE SEPARATED IN NO WAY SUGGESTS THAT THE WORK IS NOT TO BE CONSTRUCTED AS A COMPLETE, INTEGRATED AND UNIFIED WHOLE.
11. THE DRAWINGS AND SPECIFICATIONS, INCLUDING DRAWINGS PREPARED BY SPECIFIC ENGINEERING DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC.) ARE COMPLEMENTARY. ITEMS SHOWN IN ANY ONE LOCATION IN THE DRAWINGS SHALL BE CONSIDERED TO BE REQUIREMENTS OF THE CONTRACT FOR CONSTRUCTION. IN THE EVENT OF AN INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, OR WITHIN EITHER DOCUMENT, THE CONTRACTOR SHALL SEEK CLARIFICATION OR INTERPRETATION FROM THE ARCHITECT PRIOR TO BIDDING. WHERE INCONSISTENCIES ARE NOT CLARIFIED PRIOR TO BIDDING, AND WHERE THE ACTUAL SOLUTION OR INTENT CANNOT BE REASONABLY INFERRED, THE CONTRACTOR SHALL INCLUDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK IN THE BID PROPOSAL.
12. WALL, CEILING, BASE, AND FLOOR FINISHES ARE TO BE PROVIDED IN EVERY ROOM UNLESS THE DRAWINGS SPECIFICALLY INDICATE THAT A ROOM OR PORTION THEREOF OF THE BUILDING IS TO BE LEFT UNFINISHED. WHERE FINISHES ARE SPECIFICALLY INDICATED, PROVIDE THE SAME FINISHES AS ARE PROVIDED IN THE ROOM ADJACENT TO THE ROOM IN QUESTIONS, OR OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING.
13. FIRE-RATED CORRIDOR PARTITIONS APPEAR ON FLOOR PLANS ARE COMPONENTS OF CONTINUOUS RATED CORRIDOR ASSEMBLIES CONSISTING OF WALLS, FLOOR, AND CEILING. SEE REFLECTED CEILING PLANS AND PARTITION TYPES FOR SPECIFIC METHODS OF ACHIEVING THE NECESSARY RATINGS. WHERE THE SPECIFIC METHOD OF ACHIEVING THE RATING IS NOT INDICATED, OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING. THE RATINGS OF THE ENTIRE CORRIDOR MUST BE MAINTAINED. PROVIDE RATED PARTITIONS, FLOORS, CEILINGS AND DOOR OR OTHER OPENING ASSEMBLIES TO MAINTAIN THE CONTINUITY OF THE FIRE RATING. PROVIDE FIRE SAFING AND FIRE-RATED SEALANTS TO MAINTAIN THE CONTINUITY OF THE FIRE-RATED SYSTEM. IF A CEILING RATING IS NOT SPECIFICALLY INDICATED, OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING; OTHERWISE, ASSUME A RATING TO MATCH THE RATING OF THE CORRIDOR WALLS. WHERE MECHANICAL WORK PENETRATES ANY COMPONENT OF THE FIRE-RATED ASSEMBLY, PROVIDE THE APPROPRIATE FIRE AND/OR SMOKE DAMPERS. IF IT IS NOT CLEAR WHETHER DUCTWORK PENETRATES A PORTION OF THE RATED ASSEMBLY, OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING.
14. DOOR ASSEMBLIES IN 1-HOUR RATED PARTITIONS ARE TO BE 60-MINUTE RATED UNLESS A HIGHER RATING IS INDICATED IN THE DOOR SCHEDULE.
15. DOOR ASSEMBLIES IN 2-HOUR RATED PARTITIONS ARE TO BE 60-MINUTE RATED UNLESS A HIGHER RATING IS INDICATED IN THE DOOR SCHEDULE.
16. USE TEMPERED GLASS IN ALL OPENINGS WITHIN 18" OF THE FLOOR OR A DOOR, UNLESS ANOTHER FORM OF SAFETY GLAZING IS SPECIFICALLY INDICATED ON THE DRAWINGS.
17. USE FIRE RATED GLAZING IN ALL GLAZED OPENINGS WITHIN FIRE-RATED CORRIDORS.
18. CAULK ALL JOINTS OR CRACKS WHICH OCCUR WHERE DISSIMILAR MATERIALS INTERSECT PERPENDICULAR TO EACH OTHER, AND THE INTERSECTION IS EXPOSED TO VIEW, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
19. PROVIDE SLIP JOINT CONNECTIONS AT THE TOPS OF ALL PARTITIONS WHICH INTERSECT THE STRUCTURE ABOVE. PROVIDE FIRE-SAFING AT ALL SLIP JOINT CONNECTIONS IN FIRE-RATED PARTITIONS. SEE PARTITION TYPES FOR TYPICAL SLIP-JOINT CONNECTION DESIGN. IF AMOUNT OF DEFLECTION TO BE ACCOMMODATED IS NOT INDICATED, OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO INSTALLATIONS.
20. PAINT ALL EXPOSED STEEL OR WOOD (UNLESS NOTED OTHERWISE).
21. ALL MATERIAL COLORS TO BE SELECTED BY ARCHITECT, UNLESS NOTED OTHERWISE.
22. M.O. (MASONRY OPENING) REFERS TO NOMINAL MASONRY OPENING DIMENSIONS IN MASONRY CONSTRUCTION.
23. GENERAL CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS TO INSTALL EQUIPMENT PER MANUFACTURER, NEW AND EXISTING.

24. REFER TO CIVIL DRAWINGS FOR SITE GRADING; REFER TO ARCHITECTURAL SITE PLAN AND ENLARGED SITE PLANS FOR CONCRETE PAVING PATTERNS AND SPOT ELEVATIONS.
25. STRUCTURAL STEEL OR PRECAST CONCRETE SHAPES ARE SHOWN FOR DETAILING OF ARCHITECTURAL FINISHES ONLY; REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DIMENSIONS, SIZES, SHAPES, AND DETAILS OF CONSTRUCTION FOR SPECIFIC CONDITIONS
26. REFER TO FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR ALL WALL, CEILING, FLOOR, AND BASE MATERIALS AND FINISH DESIGNATIONS.
27. REFER TO REFLECTED CEILING PLANS AND CEILING DETAILS FOR CEILING HEIGHTS, SOFFIT HEIGHTS, AND MATERIALS OF CONSTRUCTION.
28. FLASHING, DAMPPROOFING, AND INSULATIONS SHOWN ON WALL SECTIONS INDICATE VERTICAL LOCATIONS ONLY; PROVIDE CONTINUOUS SYSTEMS.
29. PROVIDE SEALANT AND BACKER RODS (TYPICAL) AT ALL EXTERIOR DOOR AND WINDOW FRAMES AND LOUVERS.
30. REFER TO WINDOW SCHEDULE AND ELEVATIONS FOR WINDOW AND GLAZING TYPES.
31. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR INTERFACES WITH THESE SYSTEMS NOT SHOWN ON WALL SECTIONS.
32. CONTRACTOR OR WINDOW MANUFACTURER TO DESIGN, PROVIDE AND INSTALL COMPLETE ATTACHMENT OF WINDOW TO STRUCTURAL STEEL OR STRUCTURAL CONCRETE, OR STRUCTURAL CONCRETE MASONRY PER SPECIFICATIONS AND WINDOW MANUFACTURER'S REQUIREMENTS AND IN ACCORDANCE WITH APPLICABLE CODES.

36" MIN.

12" MIN.

24" MIN.

33"-36"

16" - 18"

H.C. TOILET

54" MIN.

12" MAX.

42" MIN.

33"-36"

7'-9"

15'-18"

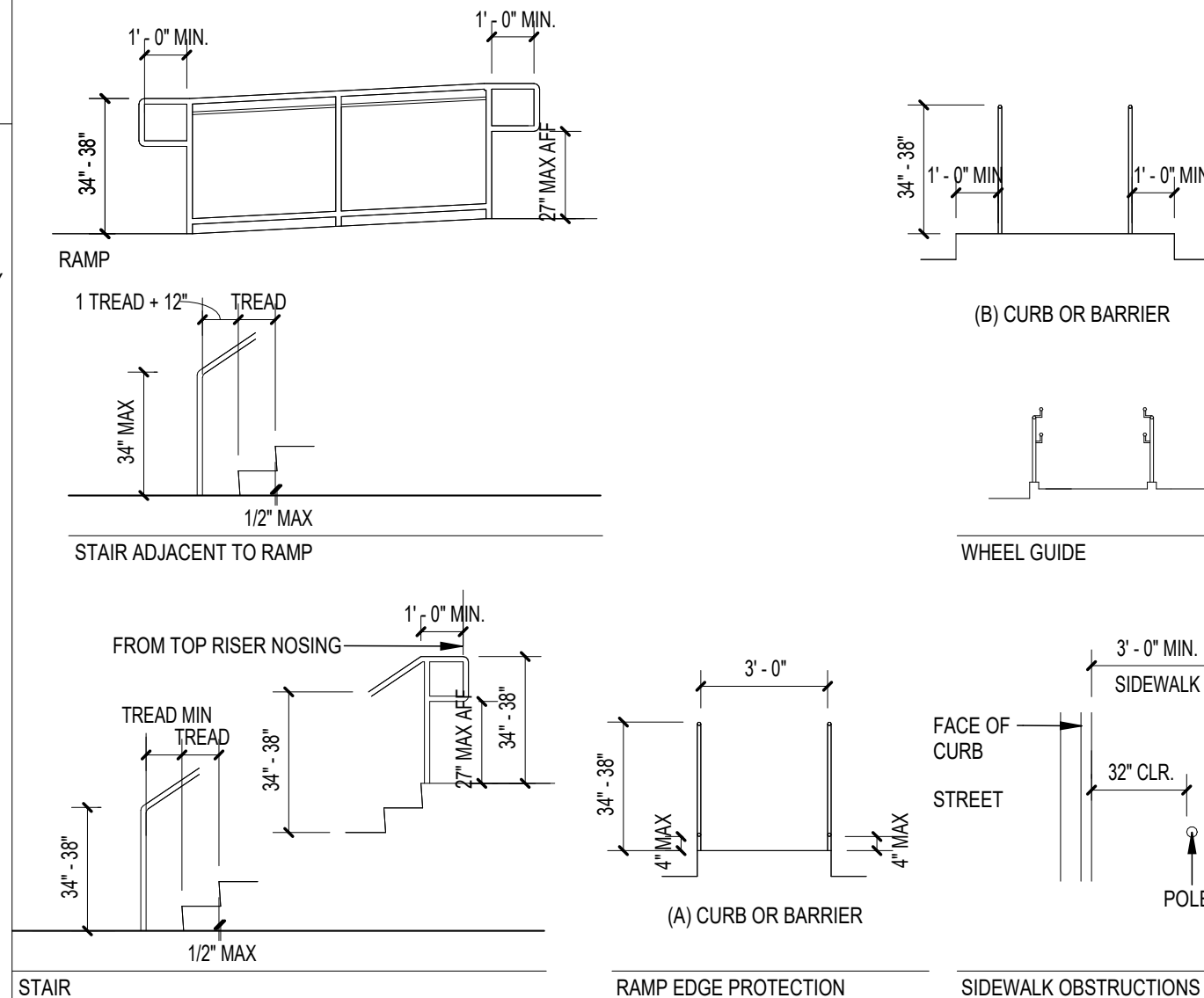
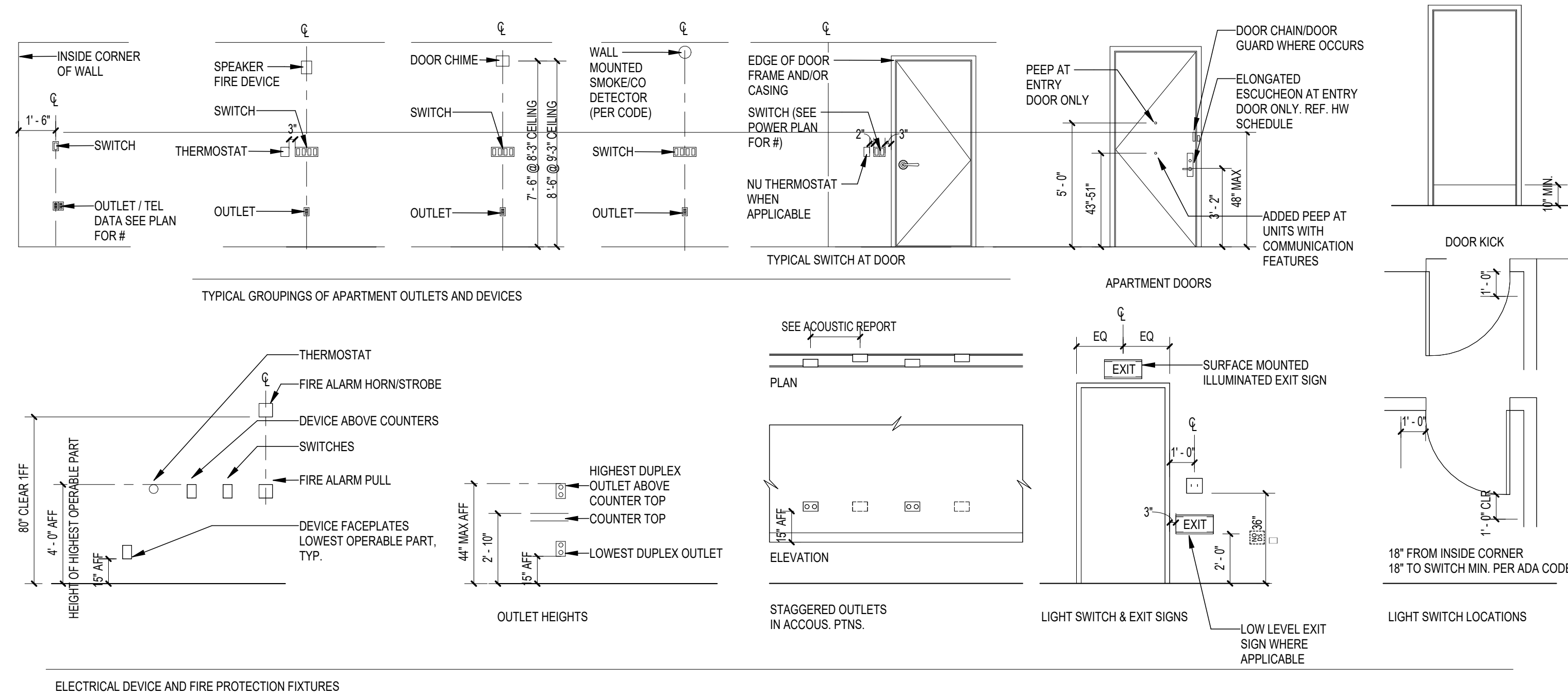
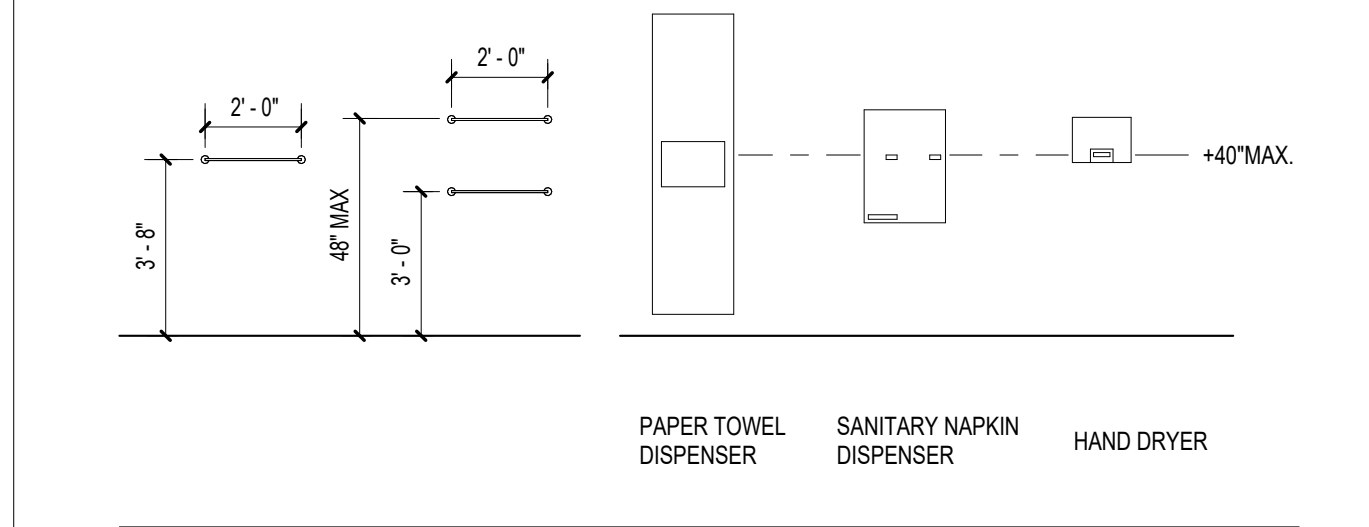
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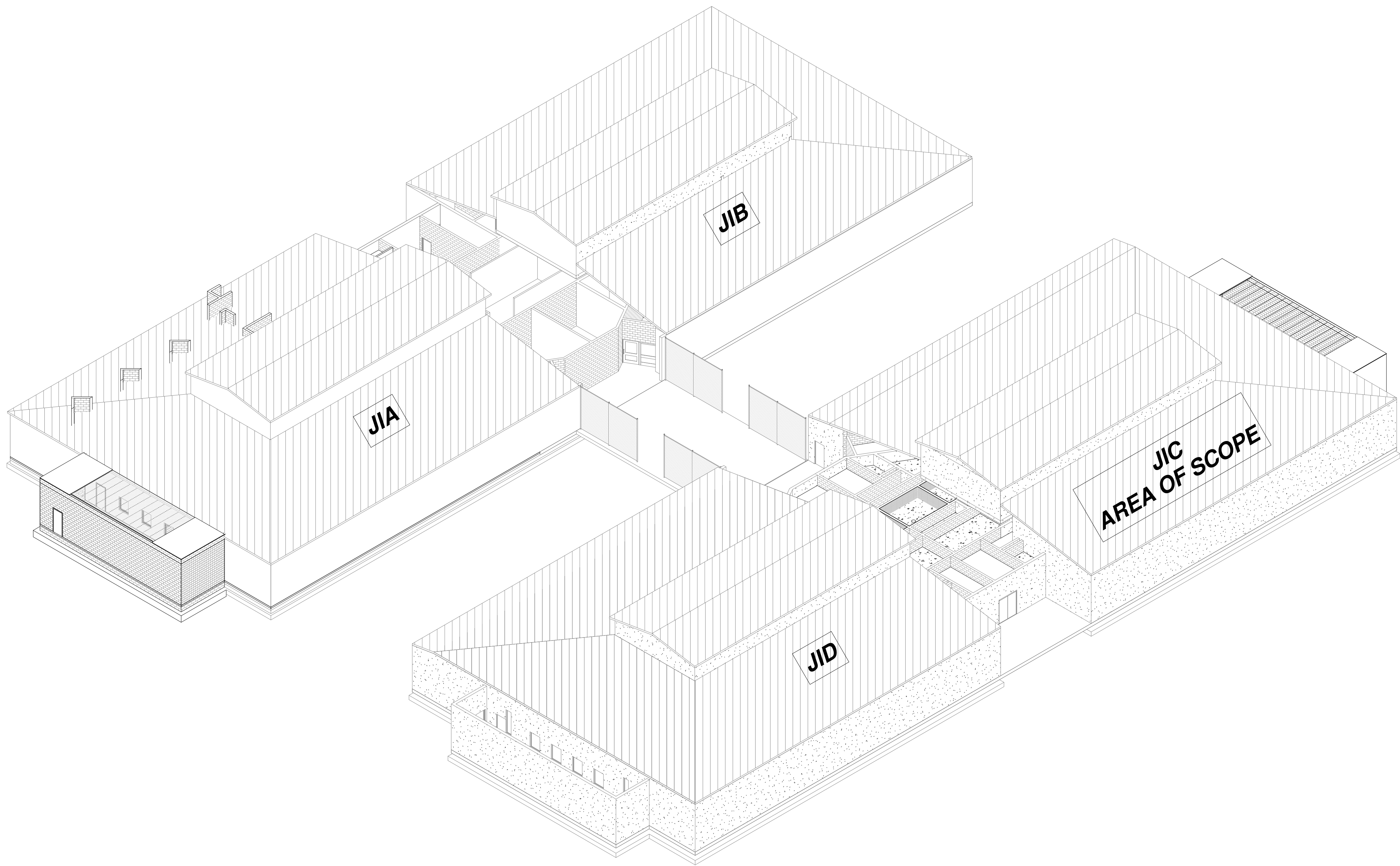
HCSO MENTAL HEALTH POD

GENERAL NOTES - JIC

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1 ISOMETRIC VIEW - JIC

ISOMETRIC VIEW IS A GRAPHICAL REPRESENTATION ONLY AND SHALL NOT BE USED FOR CONSTRUCTION PURPOSES

SHEET INDEX - JIC			
SHT NO#	SHEET NAME	REVIEW SET 08.14.2024	PERMIT/BID SET 08.30.2024
S-001C	COVER SHEET - JIC	•	•
S-002	STRUCTURAL GENERAL NOTES AND ABBREVIATIONS	•	•
S-003	COMPONENTS AND CLADDING	•	•
S-100C	DEMOLITION PLAN - JIC	•	•
S-101C	GROUND FLOOR PLAN - JIC	•	•
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S-201	SCHEDULES & TYPICAL DETAILS	•	•
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S-302	TYPICAL MASONRY DETAILS	•	•
S-303	SECTIONS & DETAILS	•	•

THE
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COVER SHEET - JIC

NOT FOR CONSTRUCTION		
#	ISSUED FOR	DATE
	REVIEW	08.14.2024
	PERMIT/BID	08.30.2024

DRAWN BY: GFY
REVIEW BY: YA / DD

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S-001C

STRUCTURAL GENERAL NOTES

CN.	GENERAL
1	THE STRUCTURAL DRAWINGS AND SPECIFICATIONS ARE A PORTION OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR AND SUBCONTRACTOR SHALL REFERENCE, AND COORDINATE WITH ALL OTHER DISCIPLINE'S DRAWINGS. ANY DISCREPANCIES OR OMISSIONS SHALL BE REPORTED TO THE STRUCTURAL ENGINEER AND ARCHITECT.
2	DESIGN CRITERIA: A GENERAL BUILDING CODE: 2023 FLORIDA BUILDING CODE, 8TH EDITION (2023) B DESIGN LOAD CRITERIA: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, AMERICAN SOCIETY OF CIVIL ENGINEERS, ASCE 7 C STRUCTURAL STEEL: SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC 360 D COLD-FORMED STEEL FRAMING: NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AMERICAN IRON AND STEEL INSTITUTE, AISI S100
3	DESIGN LOADS A DEAD LOADS (PSF): ROOF-----20 FLOOR (SELF WEIGHT+15 SUPERIMPOSED)-----55 ANY CHANGES IN CONSTRUCTION MATERIALS FROM THOSE SHOWN ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS SHALL BE REPORTED BY THE CONTRACTOR THE STRUCTURAL ENGINEER OF RECORD FOR VERIFICATION OF LOAD-CARRYING CAPACITY. B LIVE LOADS (PSF): ROOF (REDUCIBLE)-----20 FLOOR-----40 C WIND LOADS: ULTIMATE DESIGN WIND SPEED, VuIt (MPH)-----149 ALLOWABLE DESIGN WIND SPEED, Vasd (MPH)-----115.4 RISK CATEGORY-----III EXPOSURE CATEGORY-----C INTERNAL PRESSURE COEFFICIENT-----0.18 FOR WALL COMPONENT AND CLADDING PRESSURES – SEE TYPICAL DETAILS
4	EXISTING CONDITION: A CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION. NOTIFY STRUCTURAL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES PRIOR TO FABRICATION AND CONSTRUCTION. B ELECTRONIC SHOP DRAWINGS ARE TO BE SUBMITTED TO THE STRUCTURAL ENGINEER IN .PDF FORMAT. C RESUBMITTED SHOP DRAWINGS SHALL HAVE ALL NOTED CHANGES SINCE THE PREVIOUS SUBMISSION IDENTIFIED BY CLOUDING OR OTHERWISE CLEARLY IDENTIFIED. D SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT FOR REVIEW ALL SHOP DRAWINGS AND DELEGATED DESIGN DRAWINGS REFERENCED ON THE SUBMITTAL SCHEDULE SHOWN IN TYPICAL DETAILS. DELEGATED DESIGN DRAWINGS ARE TO BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED. CALCULATIONS SIGNED AND SEALED BY THE LICENSED ENGINEER SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW.
6	ALL DETAILS SHOWN IN THE DRAWINGS ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS.
7	THE CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCING, AND PROCEDURE OF CONSTRUCTION.
8	CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS/ROOFS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT CONSTRUCTION LOADS DO NOT EXCEED THE NOTED DESIGN LIVE LOADS.
FD.	FOUNDATION: 1 THE FOUNDATIONS FOR THIS PROJECT HAS BEEN ENGINEERED ASSUMING THE SOIL IS SUITABLE TO SUPPORT 2000 PSF SPREAD FOOTINGS. G.C./OWNER SHOULD OBTAIN A SITE SPECIFIC SOIL REPORT FOR THIS LOCATION. ANY DISCREPANCY, IN ANY SOIL CONDITION, MUST BE INFORMED TO ENGINEER OF RECORD ALONG WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. THIS MAY RESULT IN REVISIONS TO THE FOUNDATION PLAN. 2 SUBGRADE PREPARATION MUST BE AS NEEDED TO OBTAIN THE SAFE BEARING PRESSURE DEFINED ABOVE. ALL ORGANICS AND UNSUITABLE SOIL MUST BE REMOVED AND A MINIMUM OF 98% COMPACTION MUST BE OBTAIN UNLESS GEOTECHNICAL ENGINEER RECOMMENDATIONS ALLOW A LOWER PERCENT OF COMPACTION.
MA.	MASONRY 1 MASONRY CONSTRUCTION SHALL CONFORM TO TMS 402/602. 2 CONCRETE MASONRY UNITS (CMU) SHALL BE NORMAL WEIGHT (DENSITY = 125 PCF), CONFORMING TO ASTM C90, UNLESS NOTED. 3 COMPRESSIVE STRENGTH OF MASONRY (F'm) IS 2000 PSI AT 28 DAYS. 4 COMPRESSIVE STRENGTH OF GROUT (F'g) IS 2500 PSI AT 28 DAYS. GROUT SHALL CONFORM TO ASTM C476 AND BE PLACED IN ACCORDANCE WITH TMS 602. 5 MORTAR SHALL CONFORM TO ASTM C270, TYPE S OR M FOR TYPICAL CONDITIONS (TYPE M FOR BASEMENT WALLS). 6 MASONRY WALLS SHALL BE LAID IN RUNNING BOND, UNLESS NOTED. 7 ALL BLOCK CELLS BELOW GRADE SHALL BE FILLED WITH CONCRETE OR GROUT. 8 SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CONTROL JOINTS AND OPENINGS. 9 REINFORCING BARS USED IN MASONRY SHALL MEET ASTM A615, GRADE 60. 10 CONDUIT, PIPING, AND SLEEVES OF ANY MATERIAL TO BE EMBEDDED IN MASONRY SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS: 1 CANNOT BE MADE OF ALUMINUM. 2 CANNOT PASS THROUGH JAMBS, LINTELS, BOND BEAMS, OR SHEAR WALLS WITHOUT APPROVAL BY THE STRUCTURAL ENGINEER. 3 REINFORCEMENT BARS CANNOT BE CUT, BENT, OR DISPLACED. 4 SPACING OF CONDUIT, PIPE, OR SLEEVE SHALL NOT BE CLOSER THAN 3 DIAMETERS ON CENTER. MINIMUM SPACING OF DIFFERENT DIAMETERS SHALL BE DETERMINED BY THE LARGER DIAMETER. 11 TEMPORARY BRACING OF MASONRY WALLS IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL REMAIN IN PLACE UNTIL PERMANENT RESTRAINT IS PROVIDED. 12 PROVIDE 9 GAUGE GALVANIZED HORIZONTAL JOINT REINFORCING (OUR-0-WALL OR ENGINEER APPROVED SUBSTITUTION) AT ALTERNATE BLOCK COURSES 16" OC VERTICALLY.

STRUCTURAL DEMOLITION:	
1.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING METHODS OF DEMOLITION SO THAT THE REMAINING STRUCTURE WILL NOT BE IMPAIRED OR DAMAGED.
2.	SAWCUTTING AND CORING SHALL BE UTILIZED TO THE FULLEST EXTENT POSSIBLE. ISOLATE CONSTRUCTION TO BE REMOVED FROM THE STRUCTURE TO REMAIN.
3.	ONLY OVERCUT OPENINGS WHERE INDICATED. USE APPROPRIATE SIZE CORES AT CORNERS SO THAT OVERCUTTING AT CORNERS WILL NOT BE NECESSARY, USE CHIPPING TOOLS WHERE CORNERS ARE REQUIRED TO BE SQUARE.
4.	METHODS OF TRANSPORTING DEBRIS THROUGH THE BUILDING SHALL NOT OVERLOAD THE EXISTING OR NEW STRUCTURE.
5.	CONTRACTOR SHALL PROVIDE SHORING AS REQUIRED TO SUPPORT THE STRUCTURE WHEN NEW WORK TO STRENGTHEN THE STRUCTURE CANNOT BE INSTALLED PRIOR TO DEMOLITION. MAINTAIN SHORING UNTIL NEW WORK HAS ATTAINED DESIGN STRENGTH.
SS.	STRUCTURAL STEEL 1 FABRICATE AND ERECT ALL STRUCTURAL STEEL IN ACCORDANCE WITH AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES". 2 THE STEEL FRAME IS "NON-SELF-SUPPORTING". ADEQUATE TEMPORARY SUPPORT MUST BE PROVIDED BY THE CONTRACTOR TILL THE LATERAL FORCE RESISTING SYSTEM ELEMENTS AND STABILITY OF THE STRUCTURE IS IN PLACE. 3 STRUCTURAL STEEL AND STRUCTURAL STEEL CONNECTIONS MUST CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS, UNLESS NOTED ELSEWHERE IN THE DOCUMENTS. A WIDE FLANGE (W & WT) SHAPES-----ASTM A992 B MISCELLANEOUS (M & MT), AMERICAN STANDARD (S & ST), AND WIDE FLANGE BEARING PILES (HP) SHAPES-----ASTM A572 GR. 50 C CHANNELS (C & MC), ANGLES (L)-----ASTM A36 D STIFFENER PLATES, BASE PLATES, CAP PLATES, AND OTHER CONNECTION PLATES-----ASTM A572 GR. 50 E HOLLOW STRUCTURAL SECTION (HSS)-----ASTM A500, GR. C F STEEL PIPE-----ASTM A53, GR. B G HEADED STUDS-----ASTM A108 H BOLTS-----ASTM F3125 I NUTS-----ASTM A56 J ANCHOR RODS-----ASTM F1554 GR. 36 K THREADED ROD-----ASTM A36 L WASHERS (FOR STRUCTURAL BOLTS)-----ASTM F436 M WASHERS (FOR ANCHOR BOLTS)-----ASTM A36 N WELDED CONNECTIONS-----E70XX ELECTRODES 4 BEAMS ARE TO BE SPACED EQUALLY IN BAYS, UNLESS DIMENSIONED ON PLAN. 5 BEAMS SHALL BE ERECTED WITH NATURAL CAMBER ORIENTED UPWARDS. 6 FABRICATE BRACING MEMBERS WITH SUFFICIENT DRAW TO PREVENT SAGGING. 7 HSS MEMBERS SHALL HAVE 1/4" CLOSURE PLATE. 8 GROUT UNDER BASE PLATES SHALL BE NON-SHRINK, NON-METALLIC TYPE. GROUT SHALL HAVE SPECIFIED DESIGN COMPRESSIVE STRENGTH TWO TIMES THAT OF THE SUPPORTING CONCRETE. 9 STRUCTURAL STEEL MEMBERS SHALL NOT BE CUT, SPLICED, OR MODIFIED IN THE FIELD UNLESS NOTED ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. 10 STRUCTURAL STEEL NOT EXPOSED TO VIEW SHALL BE PRIMED WITH THE MANUFACTURER'S STANDARD SHOP PRIMER. STRUCTURAL STEEL EXPOSED TO WEATHER IN ITS FINAL POSITION SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123. STRUCTURAL STEEL EXPOSED TO VIEW, REFER TO PROJECT SPECIFICATIONS FOR FINISHED COATING SYSTEM. 11 CONNECTION WORK LINES SHOWN IN THE TYPICAL DETAILS ARE ALONG THE MEMBERS NEUTRAL AXIS UNLESS NOTED. 12 ALL WELD SHALL CONFORM TO THE AMERICAN WELDING SOCIETY STANDARDS AND MUST BE PERFORMED BY A CERTIFIED WELDER. 13 ALL WELD SIZES SHOWN IN THE DRAWINGS ARE CONSIDERED EFFECTIVE WELD SIZES. 14 ALL BOLTED CONNECTIONS SHALL BE BEARING TYPE CONNECTIONS. 15 ALTERNATE CONNECTION DETAILS FROM THOSE SHOWN IN THE TYPICAL DETAILS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR APPROVAL.

CN.	CONCRETE
1	CONCRETING OPERATIONS SHALL COMPLY WITH ACI STANDARDS.
2	FOR MINIMUM CONCRETE COMPRESSIVE STRENGTHS, SEE TABLE IN TYPICAL DETAILS.
3	REINFORCING BARS USED IN CONCRETE SHALL MEET ASTM A615, GRADE 60.
4	WELDED WIRE REINFORCEMENT (WWR) USED IN CONCRETE SHALL MEET ASTM A185. MINIMUM LAB AND EMBEDMENT TO BE THE GREATER OF ONE CROSS WIRE SPACING + 2", OR 6".
5	FOR REINFORCEMENT COVER REQUIREMENTS, SEE TABLE IN TYPICAL DETAILS.
6	REINFORCING BARS SHOWN IN SECTIONS AND DETAILS ARE A SCHEMATIC REPRESENTATION OF THE MEMBER REINFORCEMENT. SEE SCHEDULES, SECTION NOTES, AND GENERAL NOTES FOR ACTUAL REINFORCEMENT REQUIRED. DO NOT SCALE OFF OF SECTIONS.
7	DETAILING, FABRICATION, AND PLACEMENT OF REINFORCEMENT AND ANY ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI 315, GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS. FABRICATION OF REINFORCEMENT STEEL CANNOT BEGIN TILL ENGINEER OF RECORD HAS REVIEWED AND APPROVED SHOP DRAWINGS. SEE SUBMITTAL SCHEDULE FOR SHOP DRAWING REQUIREMENTS.
8	SPLICES SHALL BE CLASS "B" TENSION LAP SPLICES UNLESS NOTED. REINFORCEMENT MARKED CONTINUOUS SHALL BE SPLICED WITH A CLASS "B" TENSION LAP SPLICE. BARS SHALL BE IN CONTACT WHEN MAKING A LAP SPLICE UNLESS OTHERWISE NOTED.
9	DO NOT WELD REINFORCEMENT WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD.

ABBREVIATIONS			
ADDL	- ADDITIONAL	LLH	- LONG LEG HORIZONTAL
AR	- ANCHOR ROD	LLV	- LONG LEG VERTICAL
ALT	- ALTERNATE	LP	- LOW POINT
APPROX	- APPROXIMATELY	LW	- LONG WAY
ARCH	- ARCHITECT	LWT	- LIGHTWEIGHT
ARCHL	- ARCHITECTURAL	MFR	- MANUFACTURER
B	- BOTTOM OF	MAS	- MASONRY
BC	- BOTTOM CHORD	MO	- MASONRY OPENING
BLDG	- BUILDING	MATL	- MATERIAL
BM	- BEAM	MAX	- MAXIMUM
BOTT	- BOTTOM	MECHL	- MECHANICAL
BRG	- BEARING	MTL	- METAL
C/C	- CENTER TO CENTER	MIN	- MINIMUM
CF	- CONTINUOUS FOOTING	MISC	- MISCELLANEOUS
CIP	- CAST IN PLACE	NS	- NEAR SIDE
CJ	- CONTRACTION JOINT	NIC	- NOT IN CONTRACT
CJP	- COMPLETE JOINT PENETRATION	NTS	- NOT TO SCALE
CL &	- CENTERLINE	NW	- NORMAL WEIGHT
CLR	- CLEAR	OC	- ON CENTER
CMU	- CONCRETE MASONRY UNIT	OH	- OPPOSITE HAND
CONTRD	- CENTERED	OPNG	- OPENING
COL	- COLUMN	PAF	- POWER ACTUATED
CONC	- CONCRETE	FASTENERS	
CONFIG	- CONFIGURATION	PART	- PARTITION
CONT	- CONTINUOUS	PARTL	- PARTIAL
CONTR	- CONTRACTOR	PCJ	- PRECAST CONCRETE
CTR	- CENTER	JOIST	
DBL	- DOUBLE	PJP	- PARTIAL JOINT
DD	- DECK DRAIN	PENETRATION	
DTL	- DETAIL	PL	- PLATE
DIA	- DIAMETER	PLF	- POUNDS PER LINEAR FOOT
DIM	- DIMENSION	PSF	- POUNDS PER SQUARE
DN	- DOWN	FOOT	
DR	- DRAIN	PSI	- POUNDS PER SQUARE
DWG	- DRAWING	INCH	
EA	- EACH	PT	- POST TENSIONED
EE	- EACH END	P/T	- PRESSURE TREATED
EF	- EACH FACE	PNL	- PANEL
EJ	- EXPANSION JOINT	R	- RADIUS
EL	- ELEVATION	REG	- REGULAR
ELEV	- ELEVATOR	REINF	- REINFORCING
ENGR	- ENGINEER	REM	- REMANDER
EOR	- ENGINEER OF RECORD	REQD	- REQUIRED
EOS	- EDGE OF SLAB	REV	- REVISED/REVISION
EQ	- EQUAL	RM	- ROOM
EW	- EACH WAY	RO	- ROUGH OPENING
EXIST	- EXISTING	ROMTS	- REQUIREMENTS
EXP	- EXPANSION	SCHED	- SCHEDULE
EXT	- EXTERIOR	SECT	- SECTION
FIN	- FINISH	SIM	- SIMILAR
FLR	- FLOOR	SL	- SLOPE
FD	- FLOOR DRAIN	SOG	- SLAB-ON-GRADE
FDN	- FOUNDATION	SP	- SPIRAL
FOM	- FACE OF MASONRY	SQ	- SQUARE
FS	- FAR SIDE	SS	- STAINLESS STEEL
FT	- FOOT	STD	- STANDARD
FB	- FOOTING	STL	- STEEL
FTG	- FOOTING	STRUCTL	- STRUCTURAL
FV	- FIELD VERIFY	SW#	- SHEARWALL
GA	- GAUGE	SW	- SHORT WAY
GALV	- GALVANIZED	T/	- TOP OF
GC	- GENERAL CONTRACTOR	TB	- TIE BEAM
GT	- GIRDER TRUSS	TC	- TIE COLUMN
HC	- HOLLOW CORE	TEMP	- TEMPERATURE
HCP	- HOLLOW CORE PLANK	TG	- TRUSS GIRDER
HGD	- HOT DIPPED GALVANIZED	TH	- TRUSS HIP
HGR	- HORIZONTAL GIRDER	THK	- THICK
HK	- HOOK	TJ	- TRUSS JACK
HORIZ	- HORIZONTAL	TR	- TRUSS
HP	- HIGH POINT	TYP	- TYPICAL
HS	- HIGH STRENGTH	UNO	- UNLESS NOTED
IJ	- ISOLATION JOINT	OTHERWISE	
INFO	- INFORMATION	VERT	- VERTICAL
INS	- INSULATION	W/	- WITH
INT	- INTERIOR	W/O	- WITHOUT
IRR	- IRREGULAR	WD	- WOOD
JB	- JOIST BEARING	WF	- WALL FOOTING
JBE	- JOIST BEARING ELEVATION	WP	- WORK POINT
JR	- JAMB REINFORCING	WWR	- WELDED WIRE REINFORCING
JT	- JOINT		
K	- KIP(S), 1000 POUNDS		
KLF	- KIPS PER LINEAR FOOT		
KJ	- CONSTRUCTION JOINT		
L	- ANGLE		
LG	- LONG		

LEGEND	
ITEM	SYMBOL
CONCRETE (COLUMN)	
EARTH	
CONCRETE (WALL)	
CONCRETE SHEARWALL	
LOAD BEARING CONCRETE BLOCK (CMU)	
CONCRETE BLOCK SHEARWALL (CMU)	
NON-LOAD BEARING (INFILL) CONCRETE BLOCK (CMU)	
WOOD WALL	
WOOD SHEARWALL	
LOAD BEARING METAL STUD WALL	
METAL STUD SHEAR WALL	
SECTION INDICATOR	
ELEVATION INDICATOR	
DETAIL INDICATOR	
TOP REBAR	
BOTTOM REBAR	
ITEM	SYMBOL
ELEVATION SYMBOL	
STEP IN FTG., GRADE BM. OR OTHER	
BEAM SPLICE	
MOMENT CONNECTION	
TOP OF STEEL ELEVATION	
AND	
PLATE	
CENTERLINE	
NUMBER (PRECEEDING)	
PLUS OR TENSION	
MINUS OR COMPRESSION	
POUNDS (FOLLOWING)	
STEP IN STRUCTURE OR DEPRESSED SLAB	
COLUMN SYMBOLS	
	- INDICATES COLUMN BELOW
	- INDICATES COLUMN THRU
	- INDICATES COLUMN ABOVE
REINFORCING SYMBOLS	
BAR SIZE	
BAR SPACING	
BAR PLACEMENT	
T=TOP	
B=BOTTOM	

Structural Submittal Schedule					
Submittal Type		Description		For Approval	For Record
31600 FOUNDATIONS					
MILD REINFORCEMENT				X	
33000 STRUCTURAL CONCRETE					
CONCRETE MIX DESIGN		SUBMIT MIX DESIGN FOR EACH CONCRETE MIX DESIGN. NOTE THE USAGE FOR EACH PROVIDED DESIGN. PROVIDE MIX RECIPE, BREAK DATE, AND PRODUCT DATA AS REQUIRED BY ACI 301.		X	
CONCRETE ACCESSORIES		VAPOR BARRIER, REBAR CHAIRS, ETC.		X	
WELDED WIRE REINFORCEMENT				X	
MILD REINFORCEMENT				X	
CONCRETE FORMWORK					X
EMBEDDED ITEMS		EMBED PLATES, BEARING PLATES, ETC.		X	
HORIZONTAL CONSTRUCTION JOINT LOCATIONS				X	
SHORING AND RESHORING					X
42000 CONCRETE MASONRY UNITS (CMU)					
MASONRY PRODUCT INFORMATION				X	
MILD REINFORCEMENT		VERTICAL REINF, BOND BEAM REINF, LITEL REINF, BENT BAR SCHEDULE		X	
GROUT MIX DESIGNS		MIX DESIGN AND BREAK DATA		X	
MORTAR MIX DESIGNS				X	
MASONRY ACCESSORIES		BAR SPACERS, HORIZONTAL JOINT REINF, ETC.			X
PRECAST LITEL DATA				X	
51200 STRUCTURAL STEEL					
STRUCTURAL STEEL				X	
STEEL CONNECTION CALCULATIONS				X	X
STEEL STAIRS				X	X
STEEL STAIR CALCULATIONS				X	X
STEEL HANDRAILS				X	X
54000 COLD-FORMED FRAMING					
COLD-FORMED FRAMING PRODUCT DATA		FOR WALL STUDS, FLOOR JOISTS, CONNECTIONS, AND OTHER ACCESSORIES		X	
EXTERNAL AND INTERNAL NON-LOAD BEARING WALLS		MEMBER SIZE, SPACING, CONNECTIONS, AN DOTHER ACCESSOREIS		X	X
NAILS/SCREW PRODUCT DATA				X	

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STRUCTURAL GENERAL NOTES AND ABBREVIATIONS

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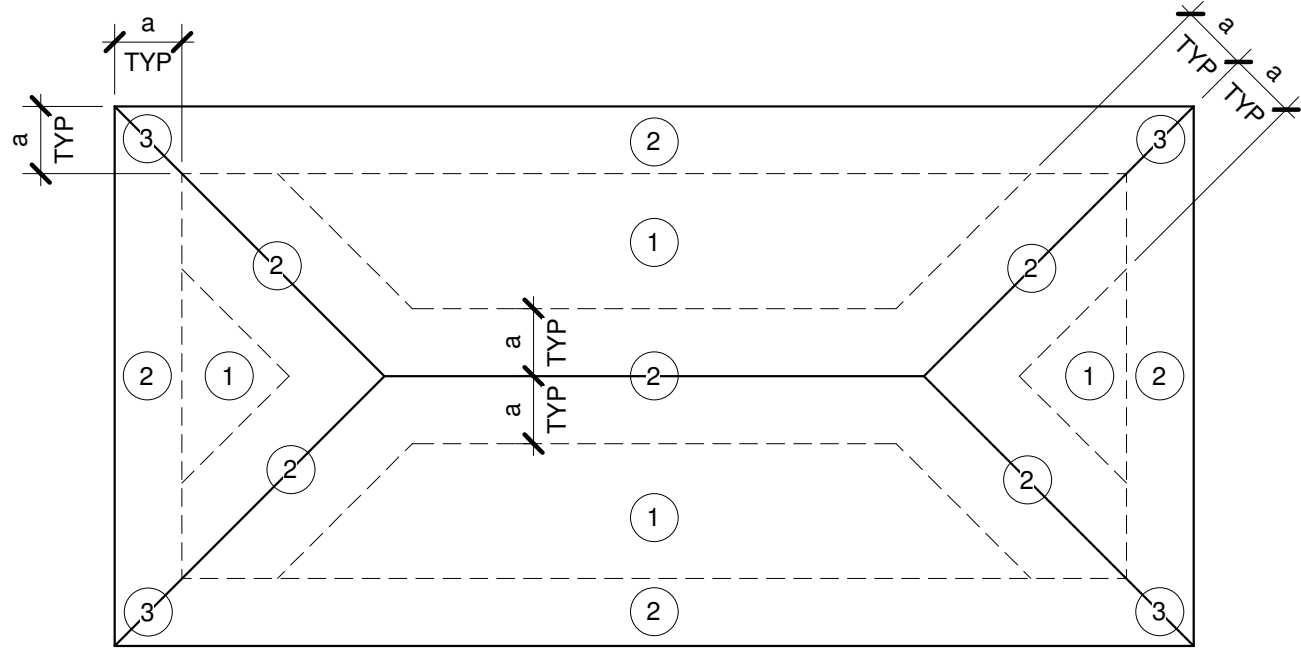
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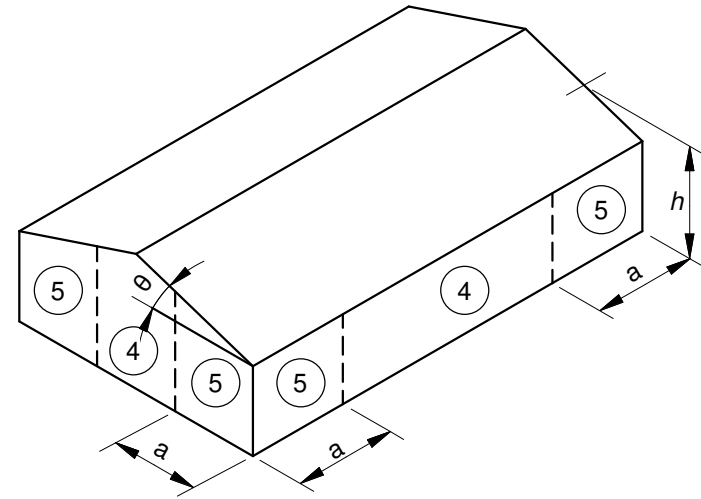
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S-002



ROOF UPLIFT DIAGRAM
COMPONENT & CLADDING



COMPONENT & CLADDING
WINDOW & DOOR
WIND PRESSURES

COMPONENTS & CLADDING NOMINAL WIND PRESSURES											
(PER ASCE 7-22)											
ULTIMATE WIND SPEED, V_{ult}		149 mph		NOMINAL WIND SPEED, V_{asd}		115.4 mph		EDGE DISTANCE, "a"		8'-9"	
EXPOSURE CATEGORY		C		RISK CATEGORY		III		ROOF SLOPE		4/12	
				DIRECTIONALITY FACTOR, K_d		0.85					
COMPONENT LOCATION				POSITIVE PRESSURES (psf)				NEGATIVE PRESSURES (psf)			
EFFECTIVE AREA				10 ft²	20 ft²	50 ft²	100 ft²	10 ft²	20 ft²	50 ft²	100 ft²
ROOFS	ZONE 1			25.8	24.4	22.7	21.3	-65.8	-63.1	-59.6	-56.9
	ZONE 2			25.8	24.4	22.7	21.3	-79.1	-73.8	-66.7	-61.4
	ZONE 3			25.8	24.4	22.7	21.3	-136.9	-124.9	-109.0	-96.9
WALLS	ZONE 4: INTERIOR			52.5	50.1	47.0	44.6	-56.9	-54.5	-51.4	-49.1
	ZONE 5: EXTERIOR			52.5	50.1	47.0	44.6	-70.2	-65.5	-59.3	-54.5

- NOTES:
- PRESSURE VALUES IN ABOVE TABLE ARE BASED ON THE PARAMETERS LISTED AT THE TOP OF THE TABLE.
 - PRESSURE VALUES IN ABOVE TABLE ARE FOR A FULLY ENCLOSED CONDITON WITH AN INTERNAL PRESSURE COEFFICIENT OF ± 0.18 .
 - GLAZED OPENINGS SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 26.10.3 OF ASCE 7.
 - POSITIVE OR NEGATIVE DESIGN PRESSURES SHALL NOT BE TAKEN LESS THAN 16 psf (ULTIMATE VALUE).
 - PRESSURES IN ABOVE TABLE ARE ULTIMATE VALUES. WHERE TESTING IS BASED ON NOMINAL (ALLOWABLE) PRESSURES, ABOVE VALUES ARE PERMITTED TO BE MULTIPLIED BY 0.60 FOR THE PURPOSE OF SUCH TESTING.

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COMPONENTS AND CLADDING

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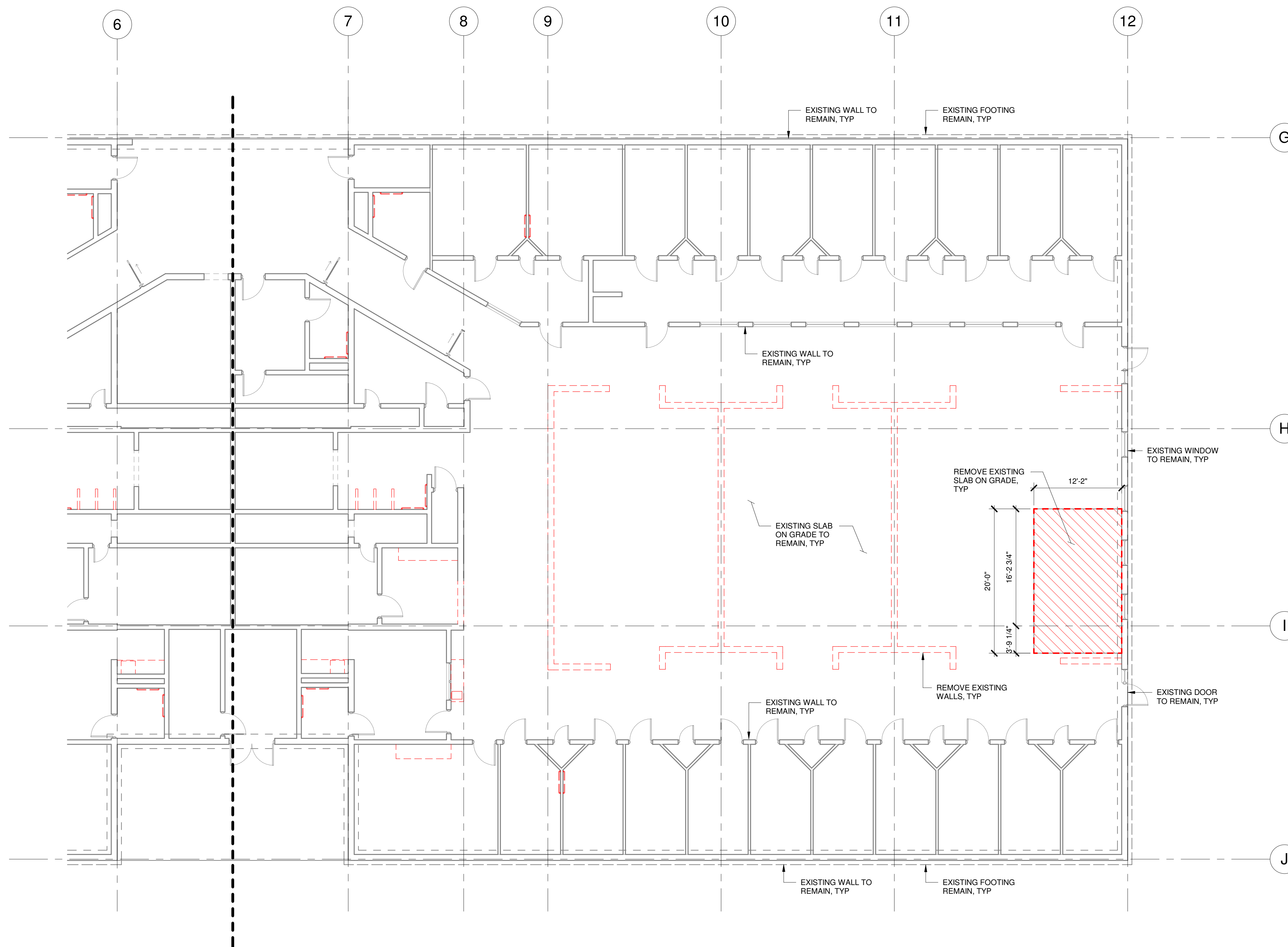
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S-003

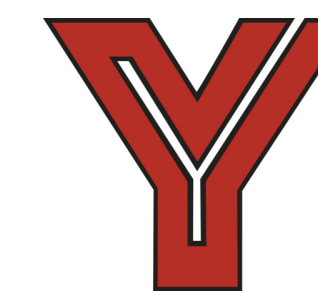


1 DEMOLITION PLAN - JIC
1/8" = 1'-0"

DEMO PLAN NOTES:

1. CONTRACTOR SHALL REMOVE EXISTING ITEMS AS REQUIRED BY ARCHITECTURAL CONSTRUCTION DOCUMENTS TO COMPLETE THE JOB.
2. NOT ALL ITEMS TO BE DEMOLISHED ARE SHOWN ON THE PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING A WALK-THRU OF THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS FOR IDENTIFYING POSSIBLE CRITICAL ITEMS, NOT ADDRESSED OR INCORRECTLY ADDRESSED, WHICH REQUIRE REMOVAL/RELOCATION. NOTIFY EOR BEFORE ANY ADDITIONAL CMU WALLS ARE PROPOSED TO BE REMOVED, NOT INDICATED ON PLANS.
3. CONTRACTOR SHALL ALSO CHECK AND IDENTIFY ALL EXISTING WATER, SANITARY AND ELECTRIC LINES WHICH ARE TO REMAIN AND BE PROTECTED FROM DAMAGE DURING DEMOLITION AND ALTERATION OF WORK.
4. GC TO PERFORM X-RAY OF EXISTING EXTERIOR WALL PRIOR TO DEMOLITION. X-RAY TO BE PROVIDED TO OWNER, ARCHITECT & STRUCTURAL ENGINEER FOR REVIEW.
5. THE DEMOLITION WORK SHALL INVOLVE INTERVENTIONS IN AREA OUTSIDE OF THE IMMEDIATE SCOPE OF WORK, INCLUDING WORK ABOVE AND/OR BELOW THE FLOOR LEVEL WITHIN THE SCOPE. IT SHALL REQUIRE WORK INVOLVING REMOTE UTILITY LINES (FIRE SPRINKLERS, PLUMBING, MECHANICAL, ELECTRICAL, COMMUNICATIONS, ETC.) ANY SUCH WORK SHALL BE INCLUSIVE OF ALL STRUCTURES, UTILITIES, FINISHES AND EQUIPMENT REQUIRED TO RESTORE THE AREA TO FULLY OPERATIONAL CONDITIONS IN COMPLIANCE WITH ALL APPLICABLE BUILDING AND SAFETY CODE REQUISITES AND TO MEET OWNER'S APPROVAL. ALL WORK AS DESCRIBED IN THIS NOTE SHALL BE INCLUDED AS PART OF THE BASE CONTRACT PRICE.

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DEMOLITION PLAN - JIC

NOT FOR CONSTRUCTION

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S-100C



1 GROUND FLOOR PLAN - JIC
1/8" = 1'-0"

FOUNDATION NOTES:

- FINISH FLOOR (SLAB ON GRADE) ELEVATION 0'-0", UNLESS NOTED ON PLAN.
- VERIFY DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION.
- 5" THICK SLAB (UNO) W/ 4% DOSE OF EUCLID CONEX. PROVIDE 6x6xW2.9xW2.9 WWF IN SHEETS NOT ROLLS CHAired TO TOP OF SLAB. PROVIDE TOOLED OR SAW-CUT CONTROL JOINTS (CJ). SEE TYPICAL DETAILS & GENERAL NOTES.
- DROP FOOTING BELOW UNDERGROUND UTILITIES ENTERING THE BUILDING. COORDINATE LOCATIONS OF UTILITIES WITH SITE OR CIVIL DRAWINGS. SEE TYPICAL DETAILS FOR HOW TO STEP FOUNDATION.
- "TE" INDICATES A THICKENED SLAB EDGE. SEE TYPICAL DETAILS FOR TYPES AND REINFORCING.
- "MW#X" INDICATES CONCRETE MASONRY WALL. ALL WALLS ARE MW1 UNO. SEE CMU SCHEDULE FOR SIZE & REINFORCEMENT.
- "FX.X" AND "WFX.X" INDICATES SPREAD FOOTING AND WALL FOOTING RESPECTIVELY. REFER TO FOUNDATION SCHEDULE ON THIS SHEET FOR SIZES AND REINFORCEMENT.
- FOR OPENINGS LARGER THAN 9'-0" GROUT END BLOCKS SOLID W/ #6 BARS IN EACH BLOCK CELL.

LEGEND

	INDICATES CMU WALL (MW-#), SEE SCHEDULE
	INDICATES CIP INFILL WALL
	INDICATES EXISTING SLAB ON GRADE, REFER ARCH DWGS

FOUNDATION SCHEDULE

MARK	LENGTH	FTG WIDTH	THICKNESS	BOTTOM REINFORCING LW	BOTTOM REINFORCING SW	TOP REINFORCING LW	TOP REINFORCING SW	COMMENTS
WF2.0	CONT	2'-0"	1'-4"	(3) #5	#5@12" OC			
WF3.0	CONT	3'-0"	2'-0"	(4) #5	#5@12" OC	(4) #5	#5@12" OC	

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GROUND FLOOR PLAN - JIC

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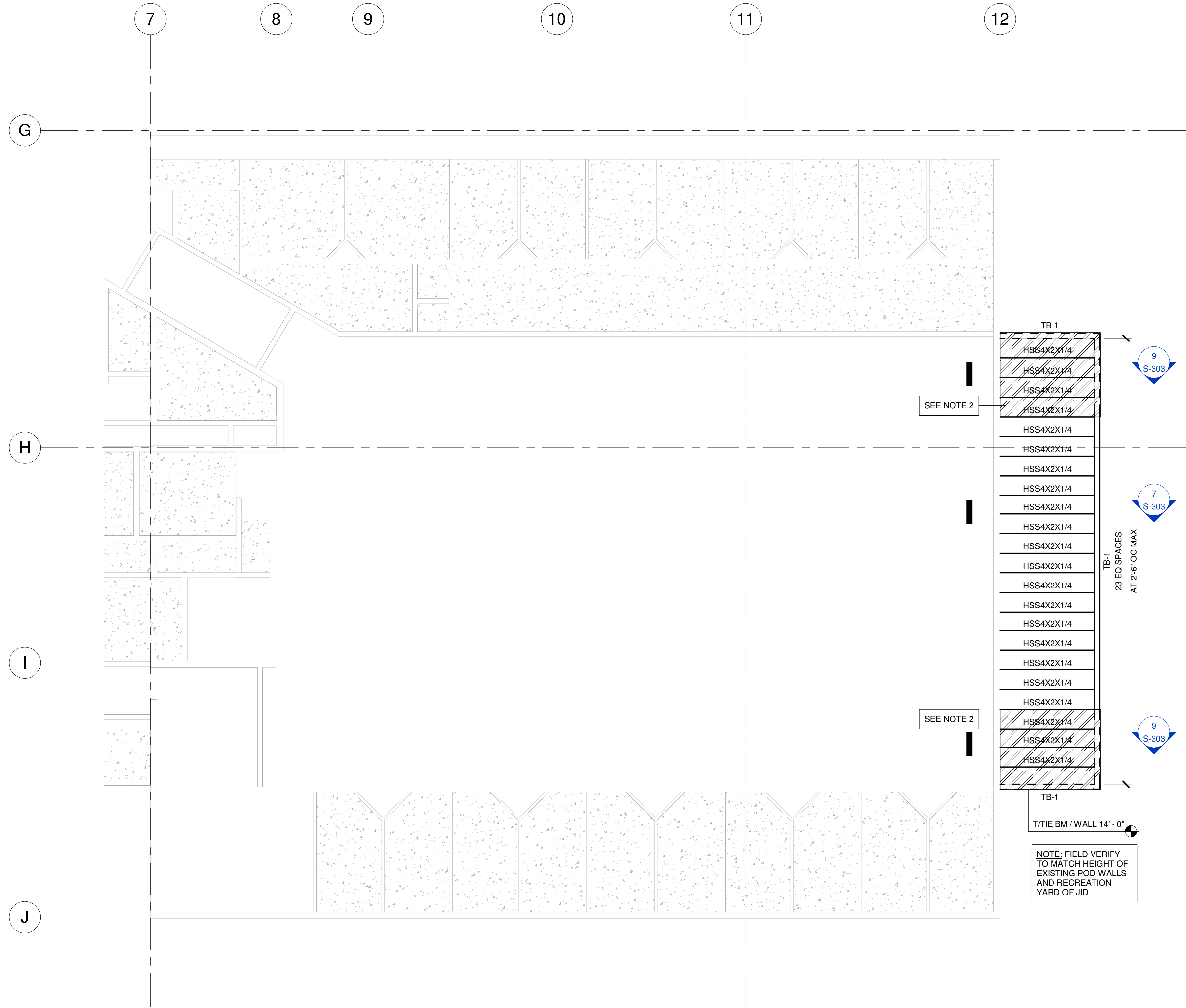
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S-101C



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

- FLOOR FRAMING NOTES:**
1. VERIFY DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION.
 2. 1-1/2" (20 GAGE) G90 GALV TYPE B ROOF DECK. FASTEN ROOF DECK TO SUPPORTS PER ROOF DECK ATTACHMENT SCHEDULE ON SHEET S-201.
 3. TB-# - INDICATES CONCRETE TIE BEAM, SEE SCHEDULE ON S-201 FOR REINF DETAIL.

CONCRETE BEAM SCHEDULE						
MARK	SIZE WxD (IN)	BOTTOM REINFORCING	TOP REINFORCING	"I" BARS	STIRRUP	COMMENTS
TB-1	7 5/8" x 16"	(2) #5	(2) #5	-	#3@8" OC	

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SECOND FLOOR FRAMING PLAN - JIC

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S-102C

CLASS 'A' SPLICE SCHEDULE								
DEVELOPMENT LENGTH SHALL BE PER FOLLOWING TABLE MODIFIED PER NOTES BELOW								
GRADE 60 STEEL								
NORMAL WEIGHT CONCRETE STRENGTH								
BAR	3000 PSI	4000 PSI	5000 PSI	6000 PSI	7000 PSI	8000 PSI	9000 PSI	10000 PSI AND HIGHER
#3	1'-5"	1'-3"	1'-1"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
#4	1'-10"	1'-7"	1'-5"	1'-4"	1'-3"	1'-2"	1'-1"	1'-1"
#5	2'-3"	2'-0"	1'-10"	1'-8"	1'-6"	1'-5"	1'-4"	1'-4"
#6	2'-9"	2'-5"	2'-2"	2'-0"	1'-10"	1'-10"	1'-8"	1'-8"
#7	4'-0"	3'-6"	3'-2"	2'-10"	2'-8"	2'-6"	2'-4"	2'-3"
#8	4'-7"	4'-0"	3'-7"	3'-3"	3'-0"	2'-10"	2'-8"	2'-7"
#9	5'-2"	4'-6"	4'-0"	3'-8"	3'-5"	3'-2"	3'-1"	3'-0"
#10	5'-10"	5'-1"	4'-6"	4'-2"	3'-10"	3'-7"	3'-5"	3'-4"
#11	6'-6"	5'-7"	5'-0"	4'-7"	4'-3"	4'-0"	3'-10"	3'-8"
GRADE 75 STEEL								
NORMAL WEIGHT CONCRETE STRENGTH								
BAR	3000 PSI	4000 PSI	5000 PSI	6000 PSI	7000 PSI	8000 PSI	9000 PSI	10000 PSI AND HIGHER
#3	1'-9"	1'-6"	1'-4"	1'-3"	1'-2"	1'-1"	1'-0"	1'-0"
#4	2'-3"	2'-0"	2'-0"	1'-9"	1'-6"	1'-5"	1'-4"	1'-4"
#5	2'-10"	2'-6"	2'-3"	2'-1"	2'-0"	1'-9"	1'-8"	1'-7"
#6	3'-5"	3'-0"	2'-8"	2'-5"	2'-3"	2'-2"	2'-1"	2'-0"
#7	5'-0"	4'-4"	4'-0"	3'-7"	3'-4"	3'-1"	3'-0"	2'-9"
#8	5'-9"	5'-0"	4'-5"	4'-1"	3'-9"	3'-6"	3'-4"	3'-2"
#9	6'-5"	5'-7"	5'-0"	4'-7"	4'-3"	4'-0"	3'-10"	3'-7"
#10	7'-3"	6'-4"	5'-8"	5'-2"	4'-9"	4'-6"	4'-3"	4'-1"
#11	8'-1"	7'-0"	6'-3"	5'-9"	5'-4"	5'-0"	4'-9"	4'-6"

- NOTES:
- FOR CLEAR SPACING BETWEEN BARS <db AND/OR CLEAR COVER <db, MULTIPLY BY 1.5.
 - FOR TOP BARS MULTIPLY BY 1.3.
 - FOR EPOXY COATED BARS, IF SPECIFIED OR APPROVED AS AN ALTERNATE, MULTIPLY BY 1.3.
 - FOR MMFX BARS, IF SPECIFIED OR USED, USE GRADE 75 KSI VALUES.
 - WHERE MORE THAN ONE FACTOR APPLIES, PRODUCT OF ALL APPLICABLE FACTORS SHALL BE APPLIED.
 - IF DETAILER IS TO USE A DIFFERENT SCHEDULE, HE/SHE MUST SUBMIT A SEALED LETTER INDICATING THAT HIS/HER VALUES CORRESPOND TO CURRENT ACI 318 CODE.

4 CLASS 'A' SPLICE SCHEDULE
12" = 1'-0"

Concrete Cover Requirements		
Structural Element	Reinforcement	Cover (in)
Members Not Exposed to Weather or in Contact With Ground		
Slabs	All	3/4"
Joists	All	3/4"
Walls	All	3/4"
Beams	To Stirrups	1 1/2"
Columns	To Stirrups	1 1/2"
Members Exposed to Weather or in Contact With Ground		
Slabs	#5 or Smaller	1 1/2"
	#6 or Larger	2"
Columns/Pedestals	#5 or Smaller	1 1/2"
	#6 or Larger	2"
Walls	#5 or Smaller	1 1/2"
	#6 or Larger	2"
Slab on Grade	WWR	2" From Top
Foundations and Grade Beams	Bottom/Side Top	3" 2"

8 CONCRETE COVER REQUIREMENTS
3/4" = 1'-0"

- ENG NOTES:
- TABLE IS AN EXAMPLE OF TYPES OF STRUCTURAL ELEMENTS AND THEIR DESIGN STRENGTHS.
 - EXPOSURE CLASSES NOTED ARE FOR STANDARD INTERIOR CONSTRUCTION AND SOILS WITH NO CHLORIDES. VERIFY EXPOSURE CLASS WITH PROJECT SPECIFIC CONDITIONS.

Concrete Compressive Strengths		
Structural Element	Exposure Class	Design Strength, f _c (PSI)
Foundations and Stem Walls	C1	3000
Slab on Grade	C1	3000
Concrete on Metal Deck	W0	3500
Columns	W0	5000
Walls	W0	5000
Beams	W0	5000
Elevated Slabs	W0	5000

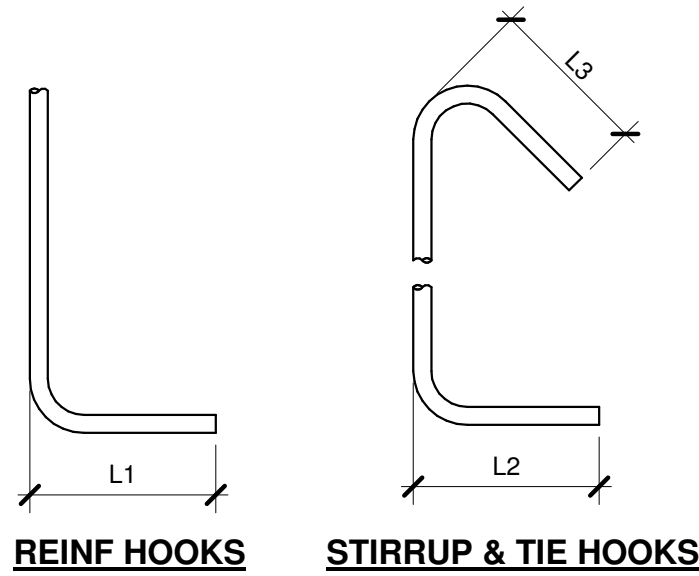
- NOTED EXPOSURE CLASSES ARE IN REFERENCE TO CHAPTER 19 OF ACI 318-14. MINIMUM AND MAXIMUM REQUIREMENTS BASED ON TABLE 19.3.2.1.
- CONCRETE COMPRESSIVE STRENGTHS NOTED ARE MINIMUM REQUIREMENTS USED IN DESIGN.

7 CONCRETE COMPRESSIVE STRENGTHS
3/4" = 1'-0"

CLASS 'B' SPLICE SCHEDULE								
DEVELOPMENT LENGTH SHALL BE PER FOLLOWING TABLE MODIFIED PER NOTES BELOW								
GRADE 60 STEEL								
NORMAL WEIGHT CONCRETE STRENGTH								
BAR	3000 PSI	4000 PSI	5000 PSI	6000 PSI	7000 PSI	8000 PSI	9000 PSI	10000 PSI AND HIGHER
#3	1'-9"	1'-6"	1'-5"	1'-3"	1'-2"	1'-1"	1'-0"	1'-0"
#4	2'-4"	2'-1"	1'-10"	1'-8"	1'-7"	1'-5"	1'-4"	1'-4"
#5	3'-3"	2'-7"	2'-4"	2'-1"	2'-0"	1'-10"	1'-9"	1'-8"
#6	3'-7"	3'-1"	2'-9"	2'-6"	2'-4"	2'-2"	2'-1"	2'-0"
#7	5'-2"	4'-6"	4'-0"	3'-8"	3'-5"	3'-2"	3'-0"	2'-10"
#8	6'-0"	5'-2"	4'-7"	4'-2"	4'-0"	3'-8"	3'-5"	3'-3"
#9	6'-8"	5'-10"	5'-2"	4'-9"	4'-5"	4'-1"	3'-10"	3'-8"
#10	7'-6"	6'-6"	5'-10"	5'-4"	5'-0"	4'-7"	4'-4"	4'-2"
#11	8'-4"	7'-3"	6'-6"	6'-0"	5'-6"	5'-1"	4'-10"	4'-7"
GRADE 75 STEEL								
NORMAL WEIGHT CONCRETE STRENGTH								
BAR	3000 PSI	4000 PSI	5000 PSI	6000 PSI	7000 PSI	8000 PSI	9000 PSI	10000 PSI AND HIGHER
#3	2'-3"	2'-0"	1'-9"	1'-7"	1'-5"	1'-4"	1'-3"	1'-3"
#4	3'-0"	2'-7"	2'-4"	2'-1"	2'-0"	1'-10"	1'-9"	1'-8"
#5	3'-9"	3'-3"	2'-10"	2'-7"	2'-5"	2'-3"	2'-2"	2'-0"
#6	4'-5"	3'-10"	3'-5"	3'-2"	3'-0"	2'-9"	2'-7"	2'-5"
#7	6'-6"	5'-7"	5'-0"	4'-7"	4'-3"	4'-0"	3'-9"	2'-9"
#8	7'-5"	6'-5"	5'-9"	5'-3"	4'-10"	4'-7"	4'-3"	4'-1"
#9	8'-4"	7'-3"	6'-6"	6'-0"	5'-6"	5'-1"	4'-10"	4'-7"
#10	9'-5"	8'-2"	7'-4"	6'-8"	6'-2"	5'-9"	5'-5"	5'-2"
#11	10'-5"	9'-1"	8'-1"	7'-5"	6'-10"	6'-5"	6'-0"	5'-9"

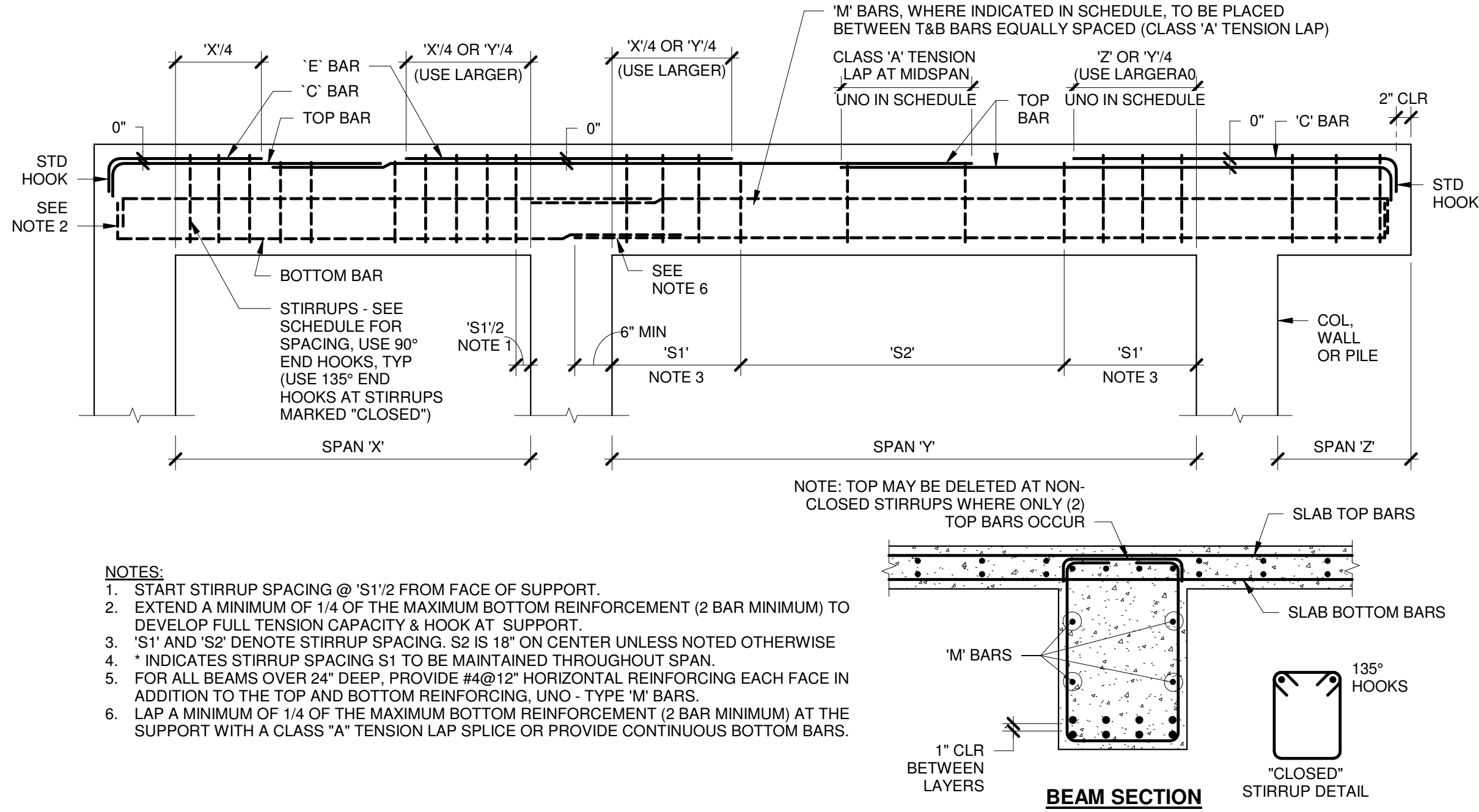
- NOTES:
- FOR CLEAR SPACING BETWEEN BARS <db AND/OR CLEAR COVER <db, MULTIPLY BY 1.5.
 - FOR TOP BARS MULTIPLY BY 1.3.
 - FOR EPOXY COATED BARS, IF SPECIFIED OR APPROVED AS AN ALTERNATE, MULTIPLY BY 1.3.
 - FOR MMFX BARS, IF SPECIFIED OR USED, USE GRADE 75 KSI VALUES.
 - WHERE MORE THAN ONE FACTOR APPLIES, PRODUCT OF ALL APPLICABLE FACTORS SHALL BE APPLIED.
 - IF DETAILER IS TO USE A DIFFERENT SCHEDULE, HE/SHE MUST SUBMIT A SEALED LETTER INDICATING THAT HIS/HER VALUES CORRESPOND TO CURRENT ACI 318 CODE.

3 CLASS 'B' SPLICE SCHEDULE
12" = 1'-0"

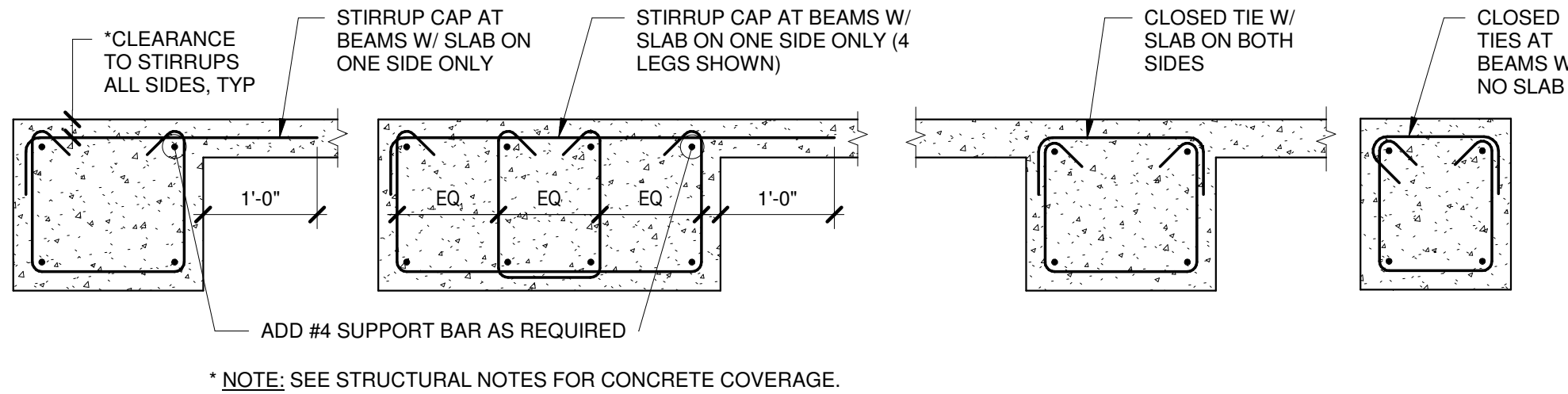


SCHEDULE			
BAR SIZE	REINF HOOK	STIRRUP & TIE HOOKS	
	L1	L2	L3
#3	6"	4"	2 1/2"
#4	8"	4 1/2"	3"
#5	10"	-	-
#6	1'-0"	-	-
#7	1'-2"	-	-
#8	1'-4"	-	-
#9	1'-7"	-	-
#10	1'-10"	-	-
#11	2'-0"	-	-

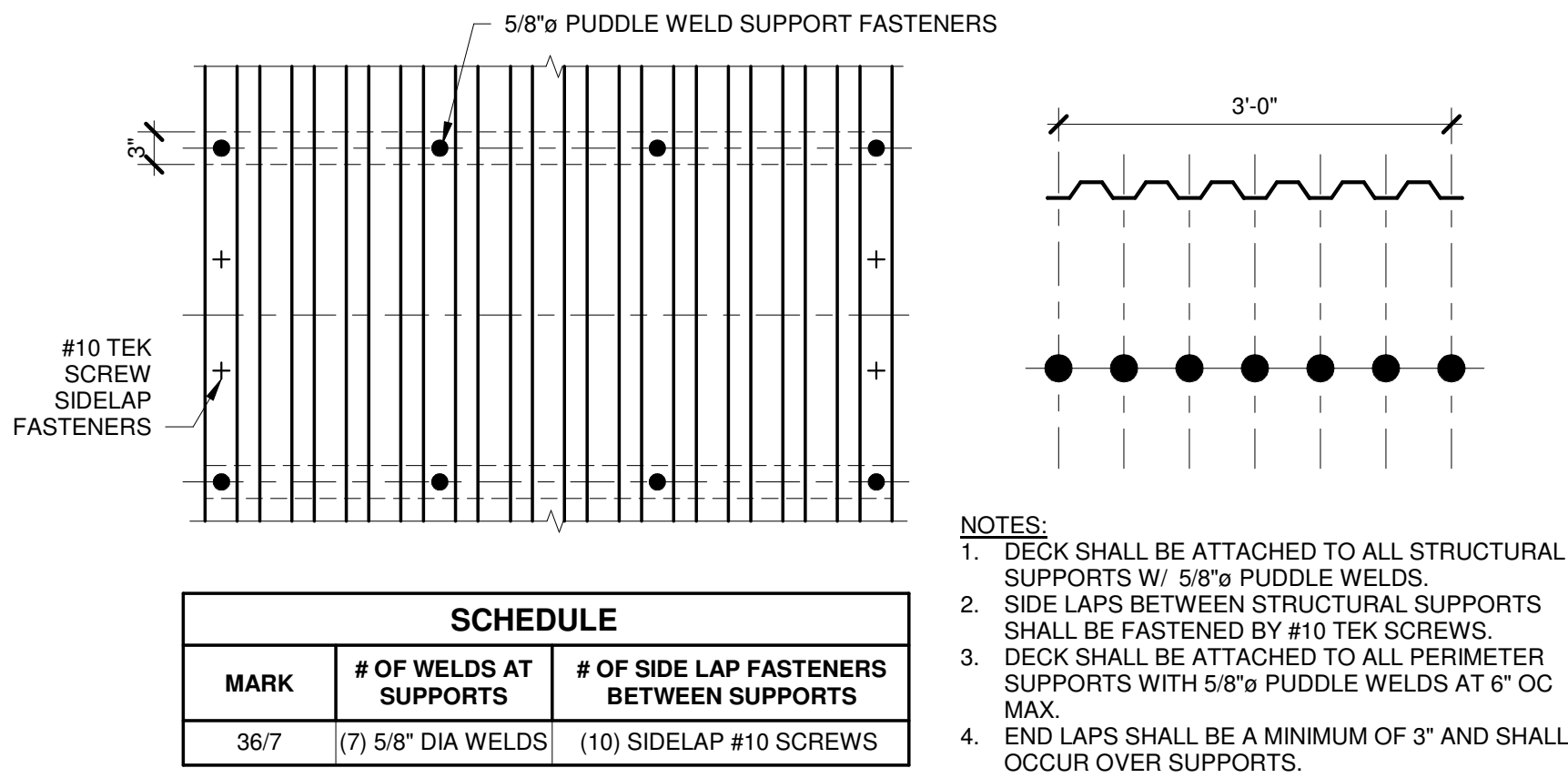
6 STD HOOK LENGTHS
1" = 1'-0"



1 TYPICAL BENDING DIAGRAM FOR BEAMS & ONE WAY SLABS
3/4" = 1'-0"



2 TYPICAL BEAM STIRRUP / TIES DETAILS
3/4" = 1'-0"



5 ROOF DECK ATTACHMENT SCHEDULE
3/4" = 1'-0"

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SCHEDULES & TYPICAL DETAILS

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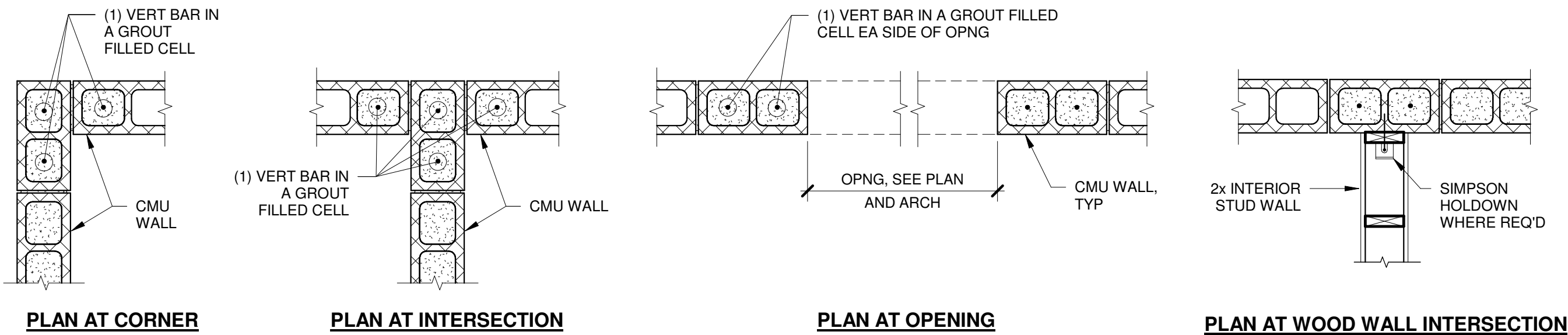
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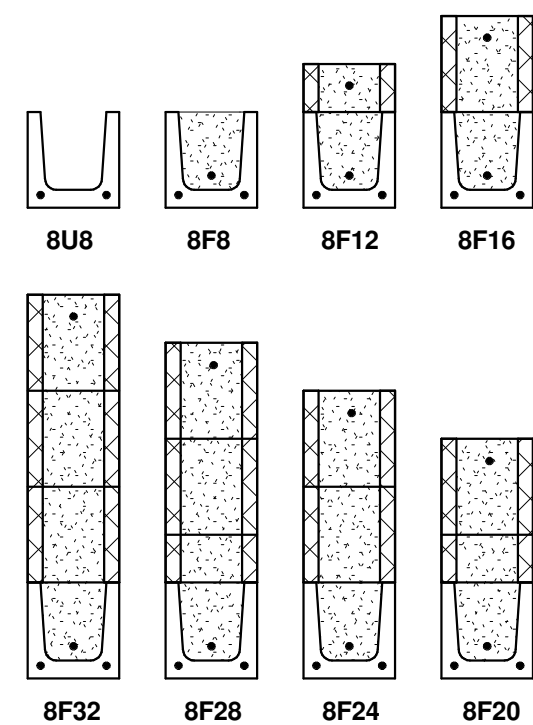
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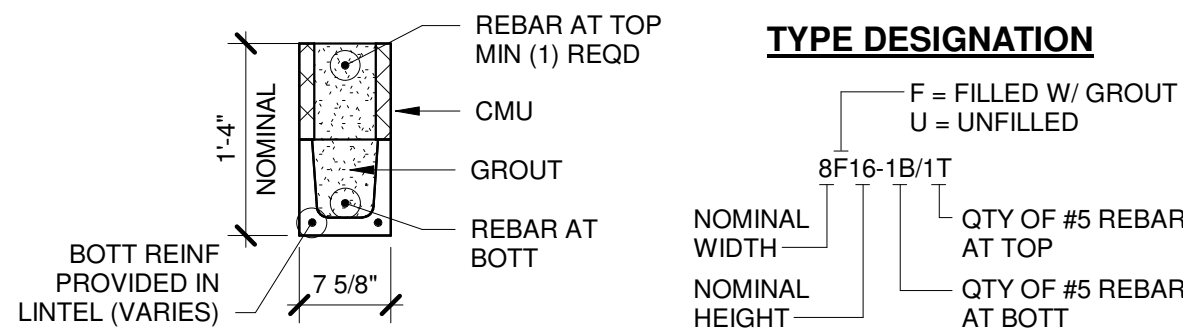
NOTES:
1. SEE TYP MASONRY WALL CONSTRUCTION FOR JOINT REINFORCING NOT SHOWN HERE.
2. SEE PLAN FOR REINFORCING SIZE.

5 REINFORCING AT CMU WALL CORNERS, INTERSECTIONS AND OPENINGS
3/4" = 1'-0"

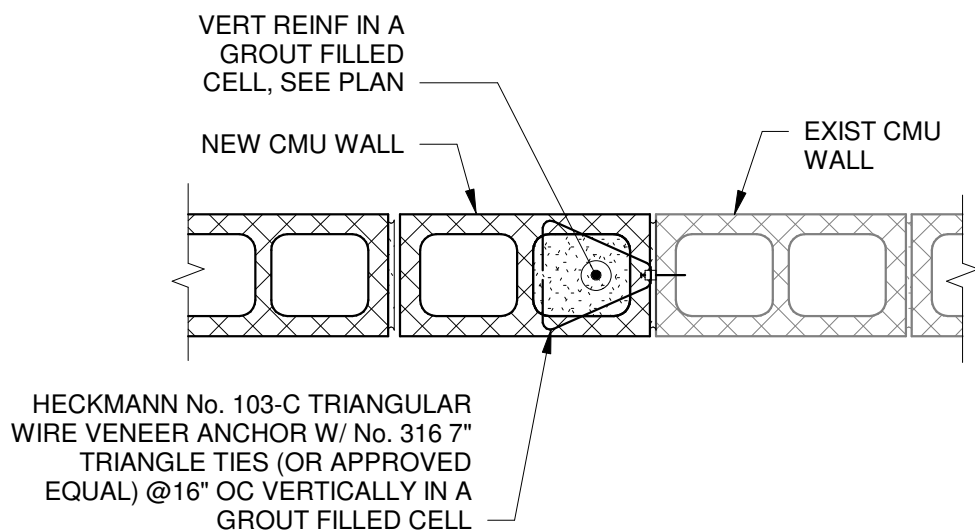


LINTEL SCHEDULE		
LINTEL SPAN	LINTEL DESIGNATION	REMARKS
UP TO 4'-0"	8 F8-1B	-
FROM 4'-1" TO 6'-0"	8 F16-1B/1T	-
FROM 6'-1" TO 8'-0"	8 F20-1B/2T	-
FROM 8'-1" TO 10'-0"	8 F24-2B/2T	-
OVER 10'-0"	CAST IN PLACE BEAM	SEE PLANS

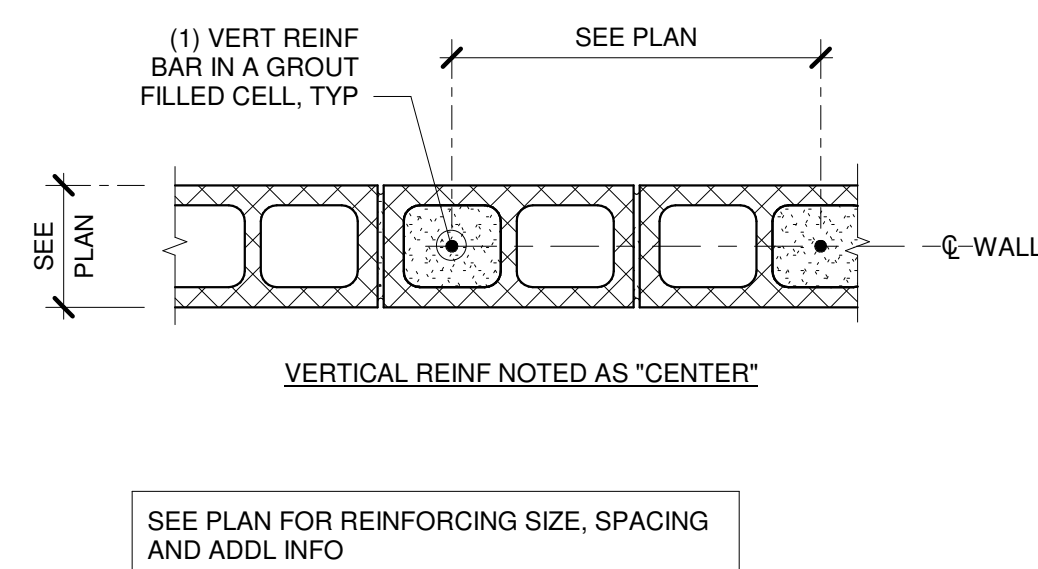
NOTES:
1. LINTELS SHALL BE "CAST-CRETE" OR EQUIVALENT PRECAST CONCRETE UNO.
2. LINTELS SHALL BEAR 8" MIN ON CMU/CONCRETE AND 3" MINIMUM ON STEEL ANGLES.



10 LINTEL SCHEDULE AND DETAILS
3/4" = 1'-0"



15 NEW TO EXIST CMU ANCHORAGE
1" = 1'-0"

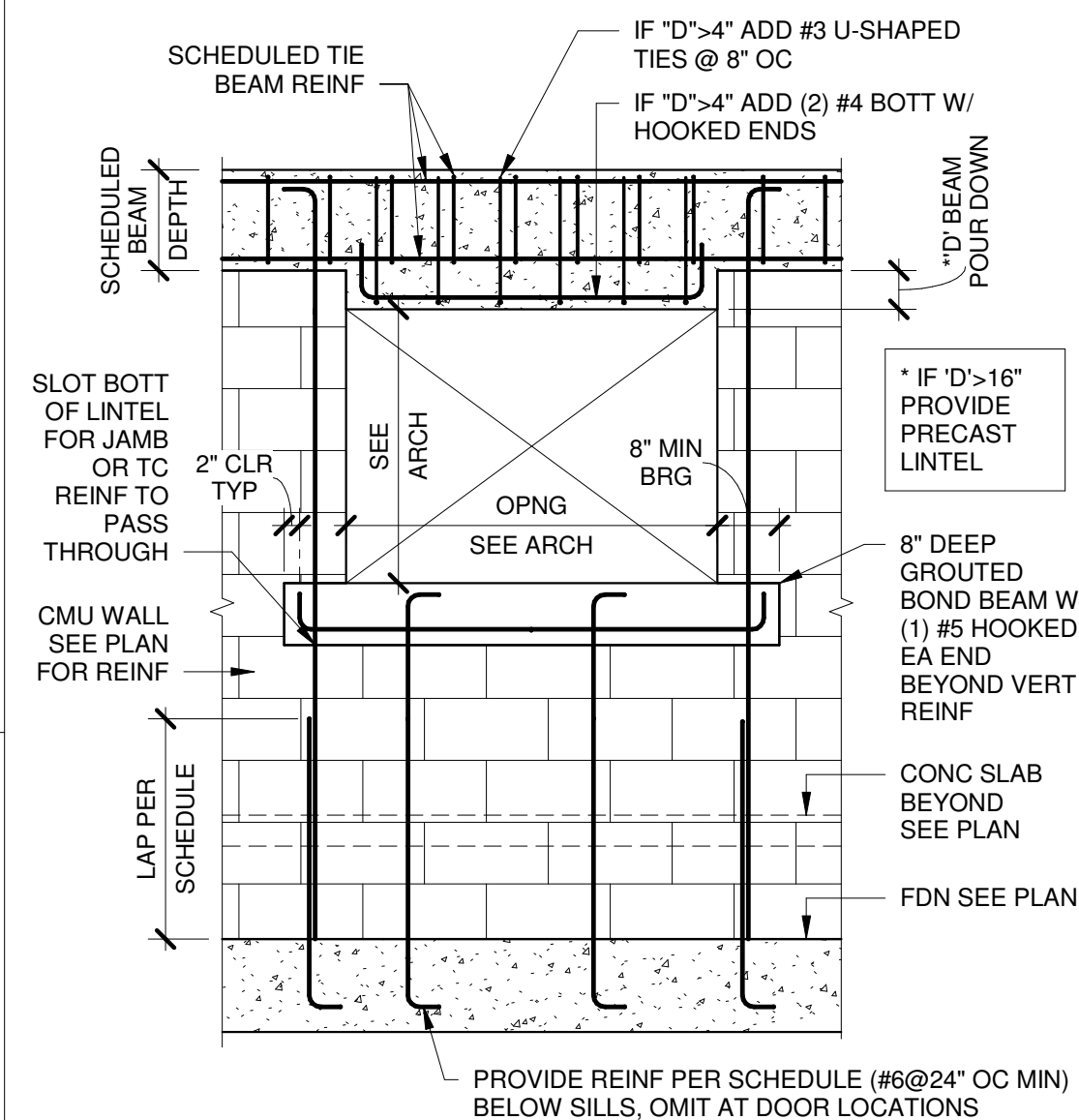


14 CMU BAR PLACEMENT REQUIREMENTS
1" = 1'-0"

CMU WALL SCHEDULE			
MARK	THICKNESS	REINFORCING	COMMENTS
MW1	8"	#5@32" OC	9-GA HORIZ. REINF. PER TYP. DETAILS
MW2	8"	#5@16" OC	9-GA HORIZ. REINF. PER TYP. DETAILS

NOTES:
PROVIDE A MINIMUM OF (1) #5 VERT REINF BAR IN A GROUT FILLED CELL AT ALL WALL INTERSECTIONS, CORNERS, ENDS OF WALLS AND AT EDGES OF ALL WALL OPENINGS EXCEEDING 2'-0" IN WIDTH. INTERIOR WALLS DO NOT REQUIRE VERT REINF UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE ON PLAN. SEE TYP MASONRY (CMU) WALL CONSTRUCTION DETAIL FOR ADDITIONAL CMU WALL REINFORCING REQUIREMENTS.

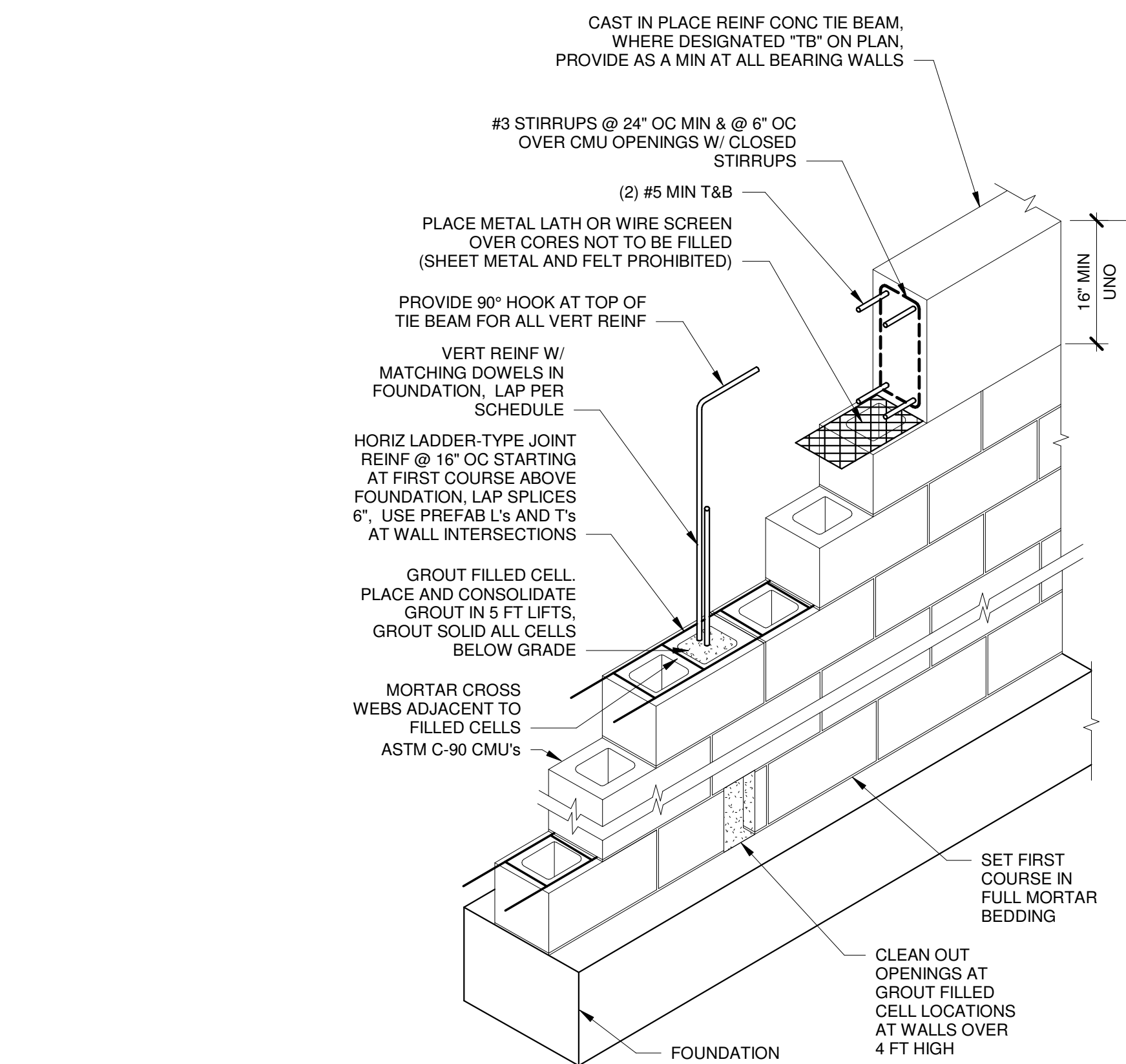
19 CMU WALL SCHEDULE
3/4" = 1'-0"



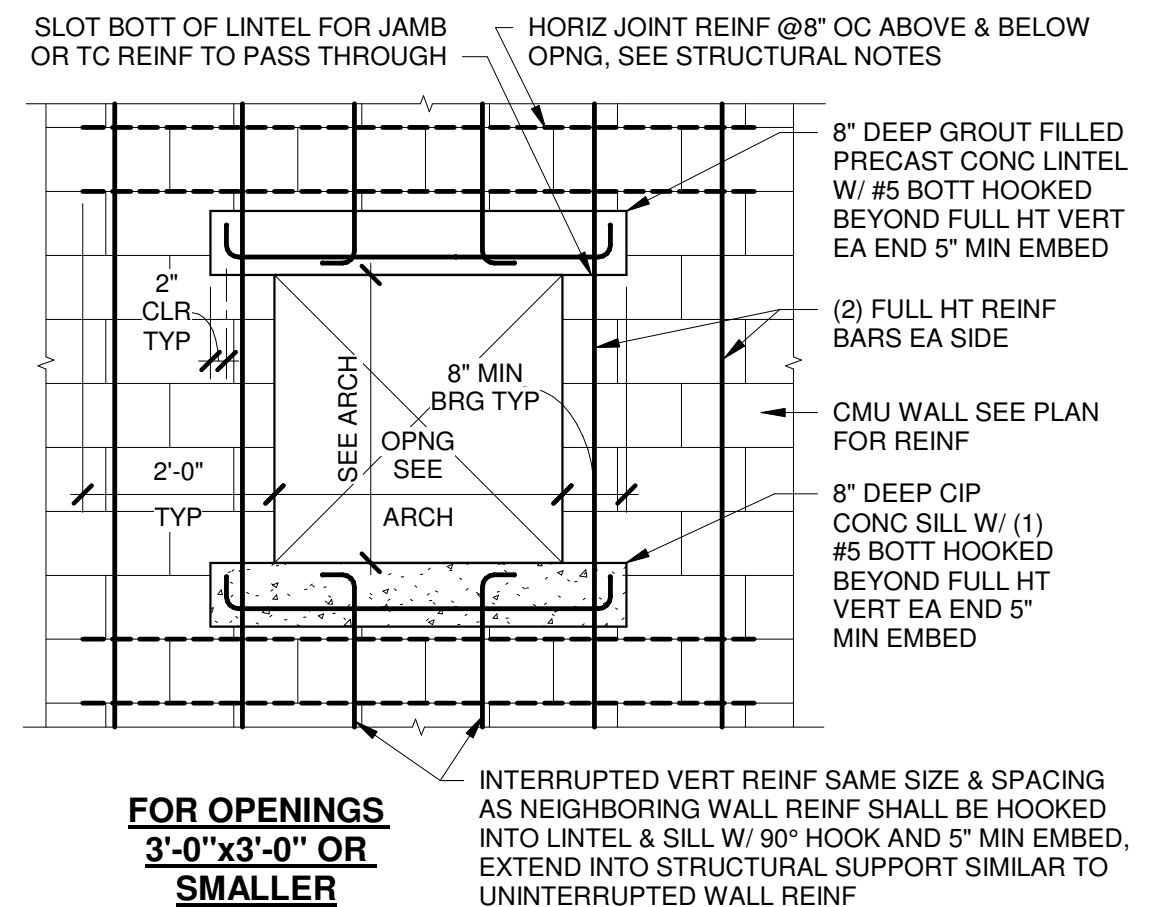
13 CMU WALL OPNG AT CONC TIE BEAM
1/2" = 1'-0"

SCHEDULE		
WALL THICKNESS	BAR	LAP
8"	#4	1'-8"
8"	#5	2'-1"
8"	#6	3'-7"
8"	#7	4'-11"
12"	#4	1'-8"
12"	#5	2'-1"
12"	#6	3'-3"
12"	#7	3'-10"

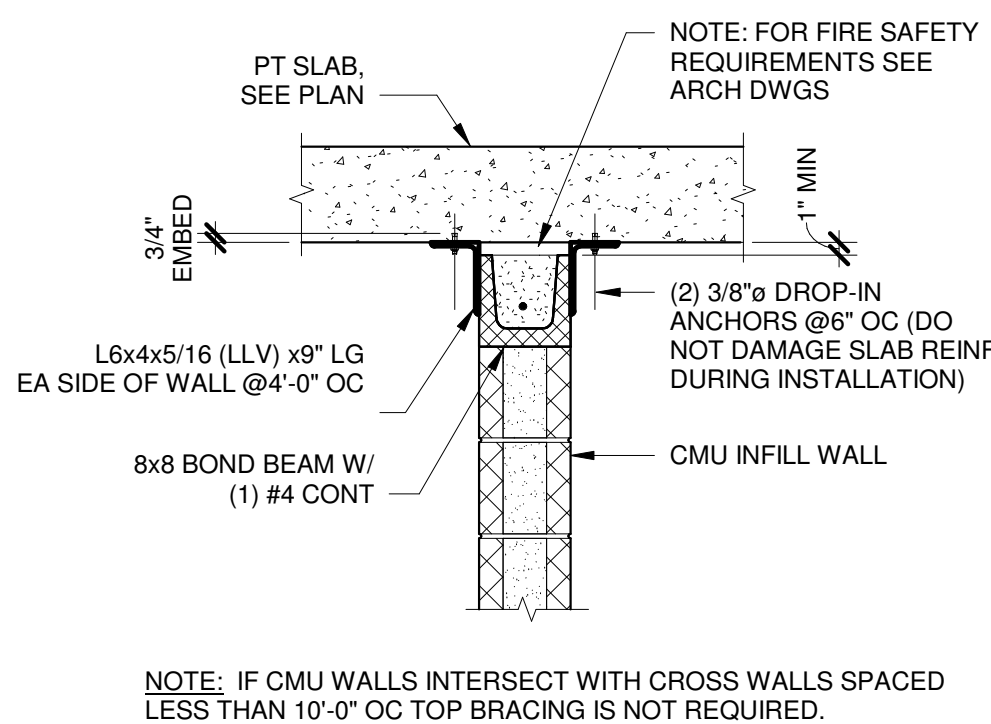
18 CMU VERTICAL REINFORCING LAP SCHEDULE
3/4" = 1'-0"



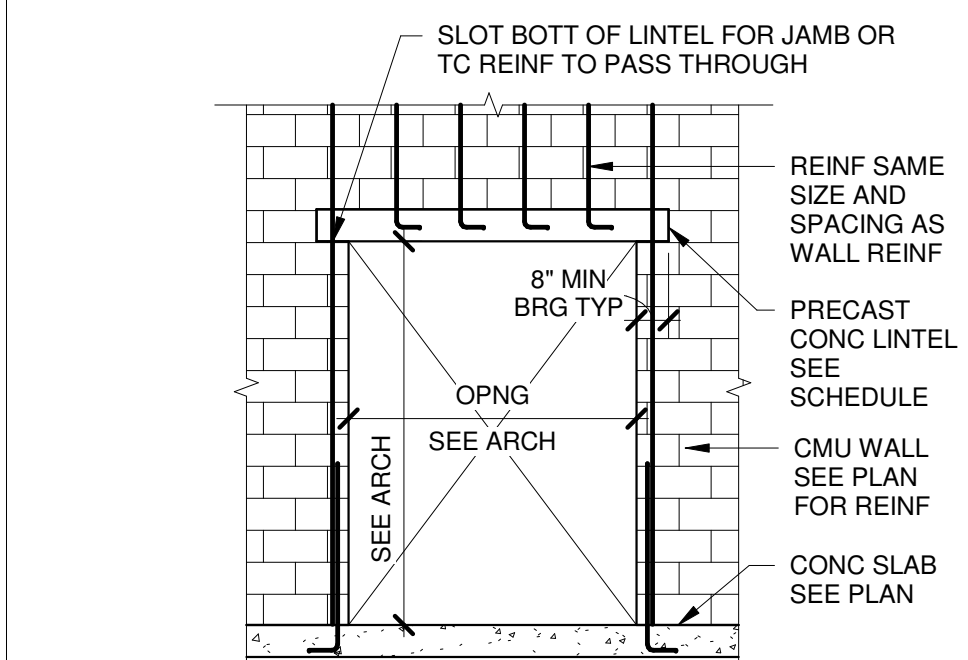
7 TYPICAL MASONRY WALL CONSTRUCTION DETAIL FOR RUNNING BOND LAYOUT
3/4" = 1'-0"



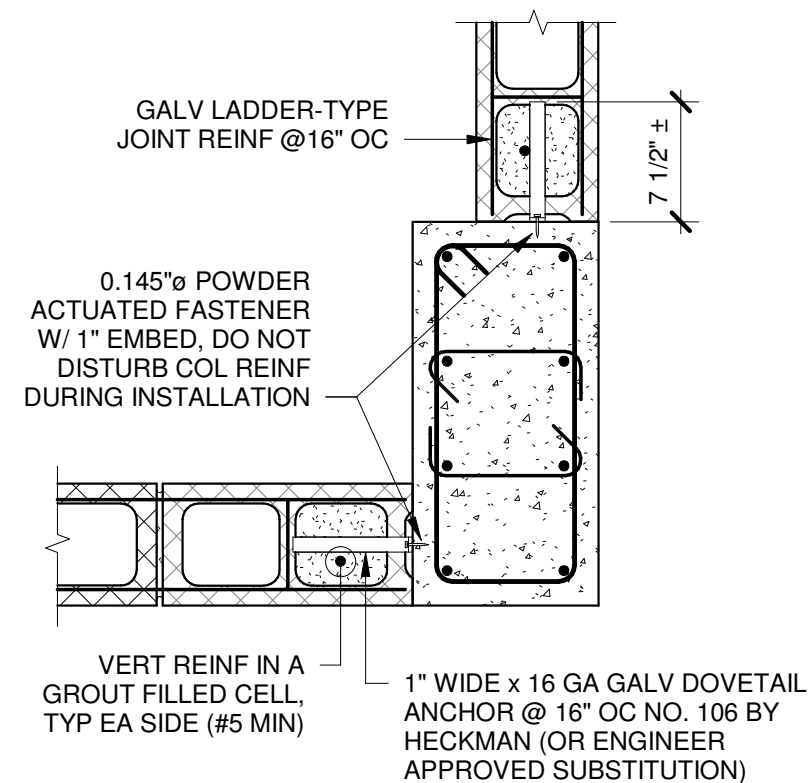
12 MINOR CMU WALL OPNGS
1/2" = 1'-0"



17 NON-LOAD BEARIG CMU WALL ANCHORAGE
3/4" = 1'-0"



11 CMU WALL OPNG W/ PRECAST LINTEL
1/4" = 1'-0"



16 CMU ANCHORAGE TO CONCRETE
1" = 1'-0"

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TYPICAL MASONRY DETAILS

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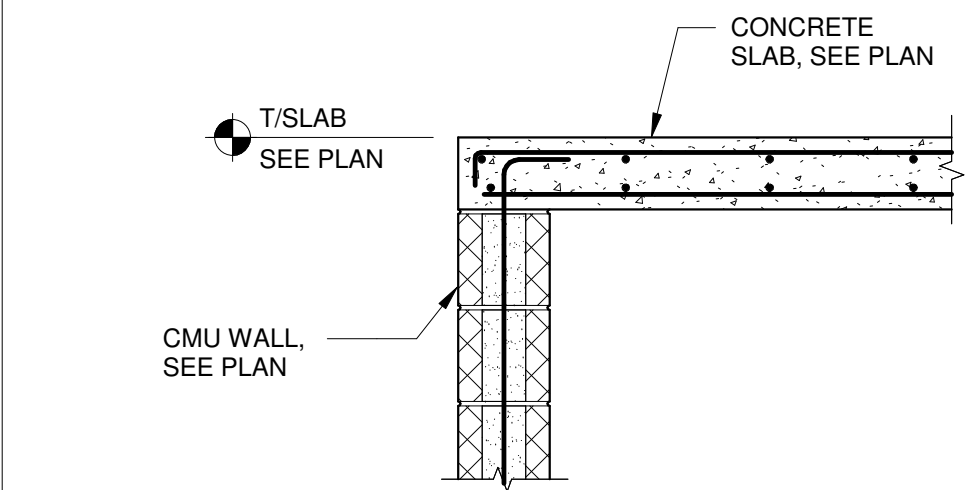
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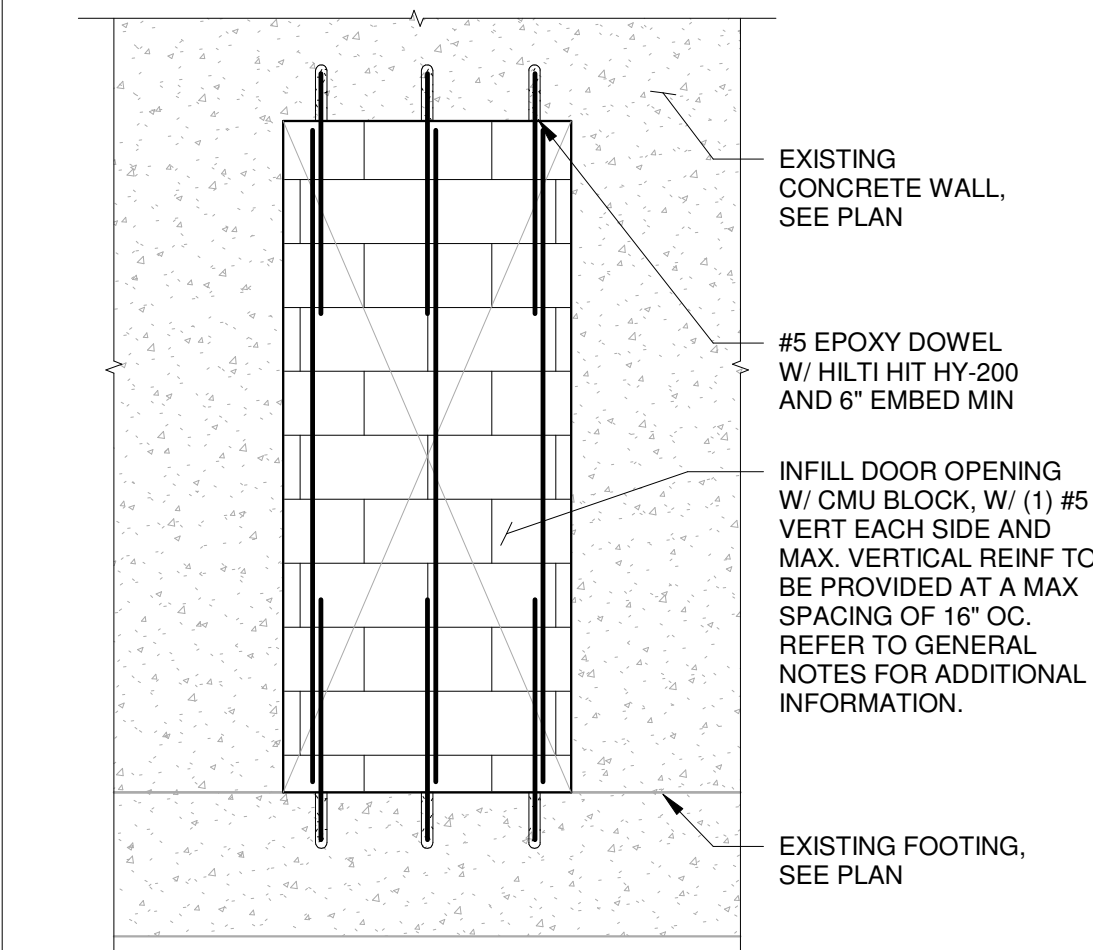
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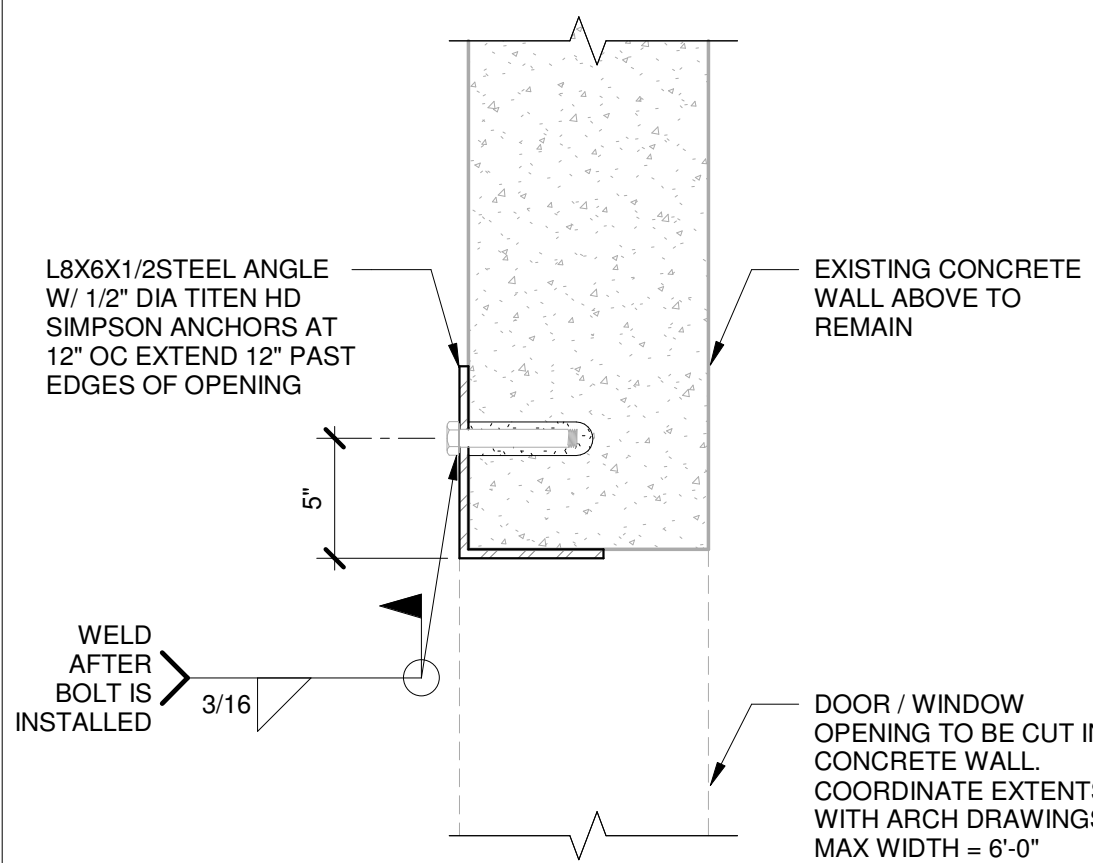
S-302



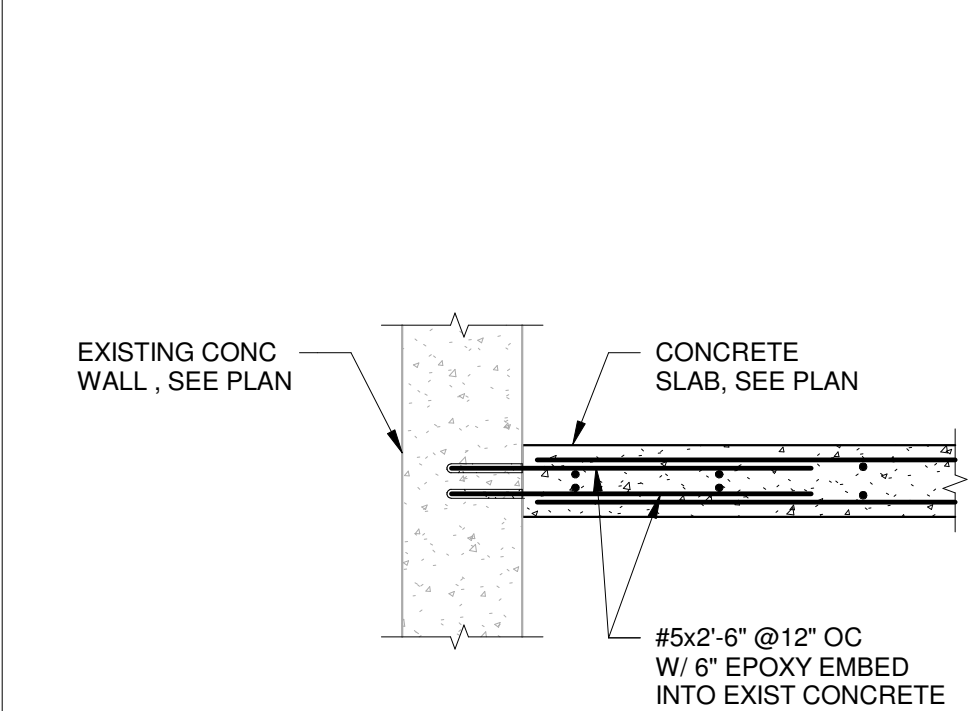
5 CONCRETE SLAB OVER CMU WALL DETAIL
3/4" = 1'-0"



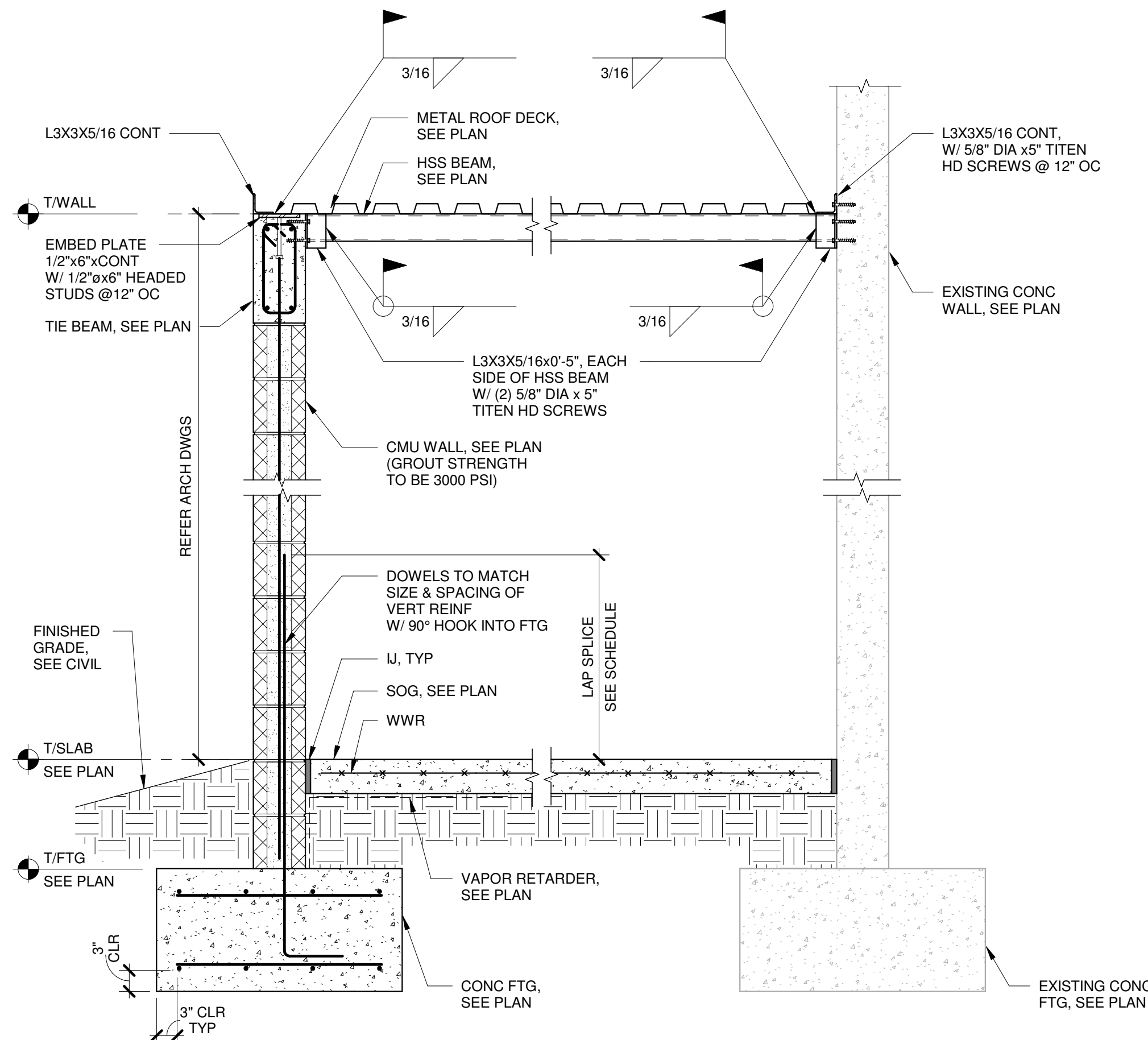
10 CMU INFIL WALL DETAIL
1/2" = 1'-0"



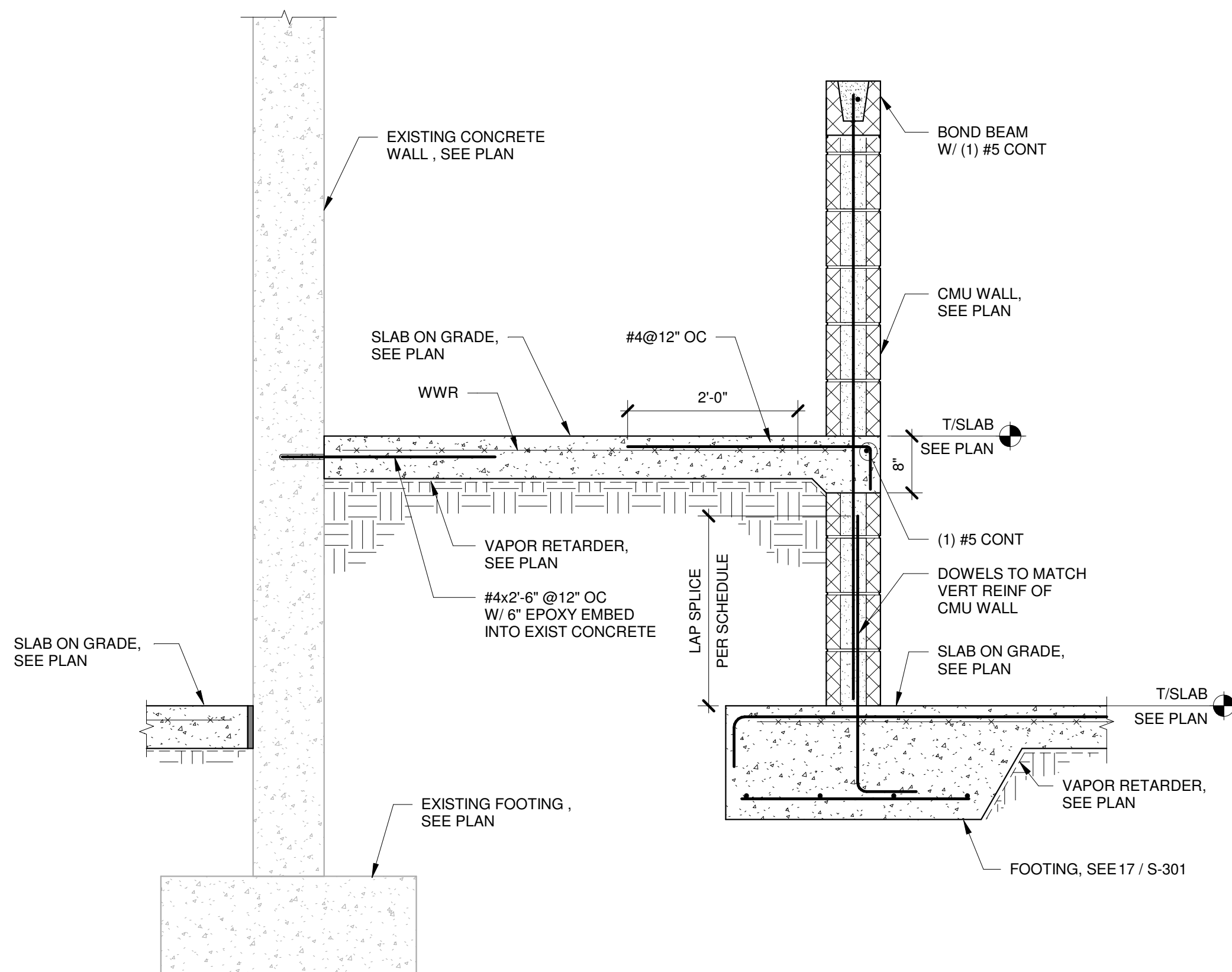
15 SECTION AT ANGLE SUPPORT TO EXIST CONCRETE WALL
1 1/2" = 1'-0"



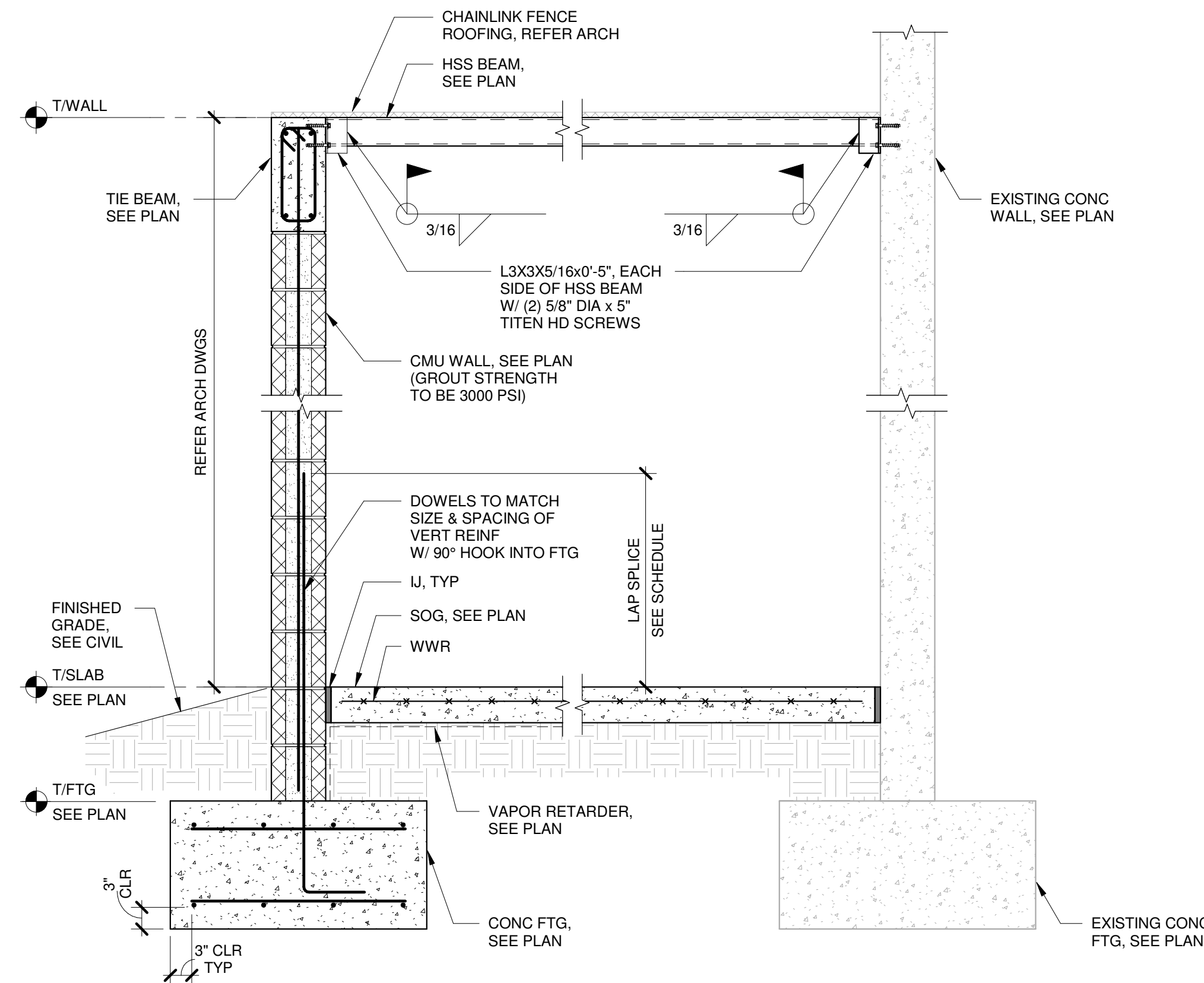
20 CONCRETE SLAB TO EXISTING CMU WALL DETAIL
3/4" = 1'-0"



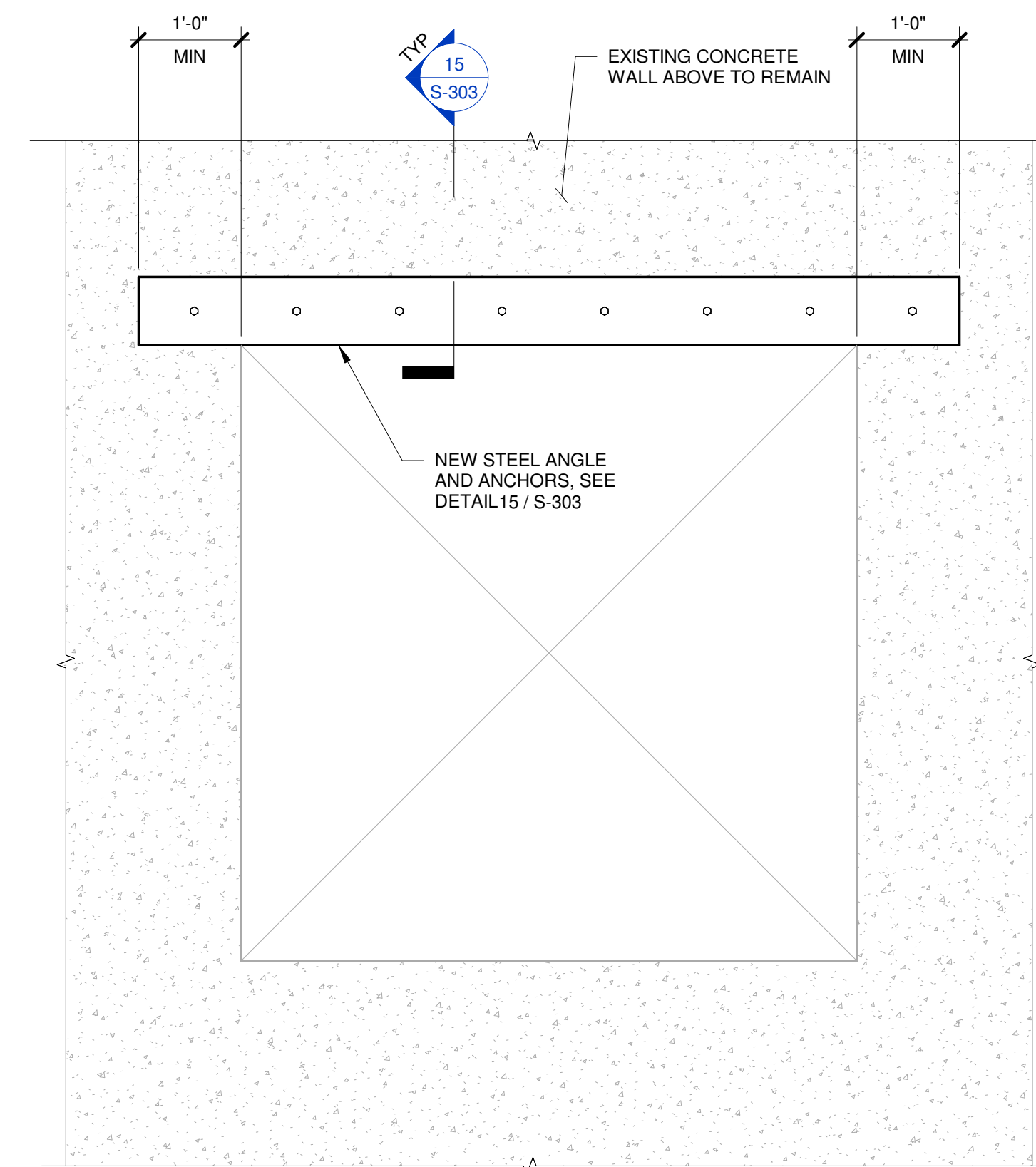
9 SECTION AT EXERCISE YARD-2
3/4" = 1'-0"



19 SECTION AT SHERIFF'S STATION
3/4" = 1'-0"



7 SECTION AT EXERCISE YARD-1
3/4" = 1'-0"



17 NEW OPENING IN EXISTING CONCRETE WALL
3/4" = 1'-0"

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SECTIONS & DETAILS

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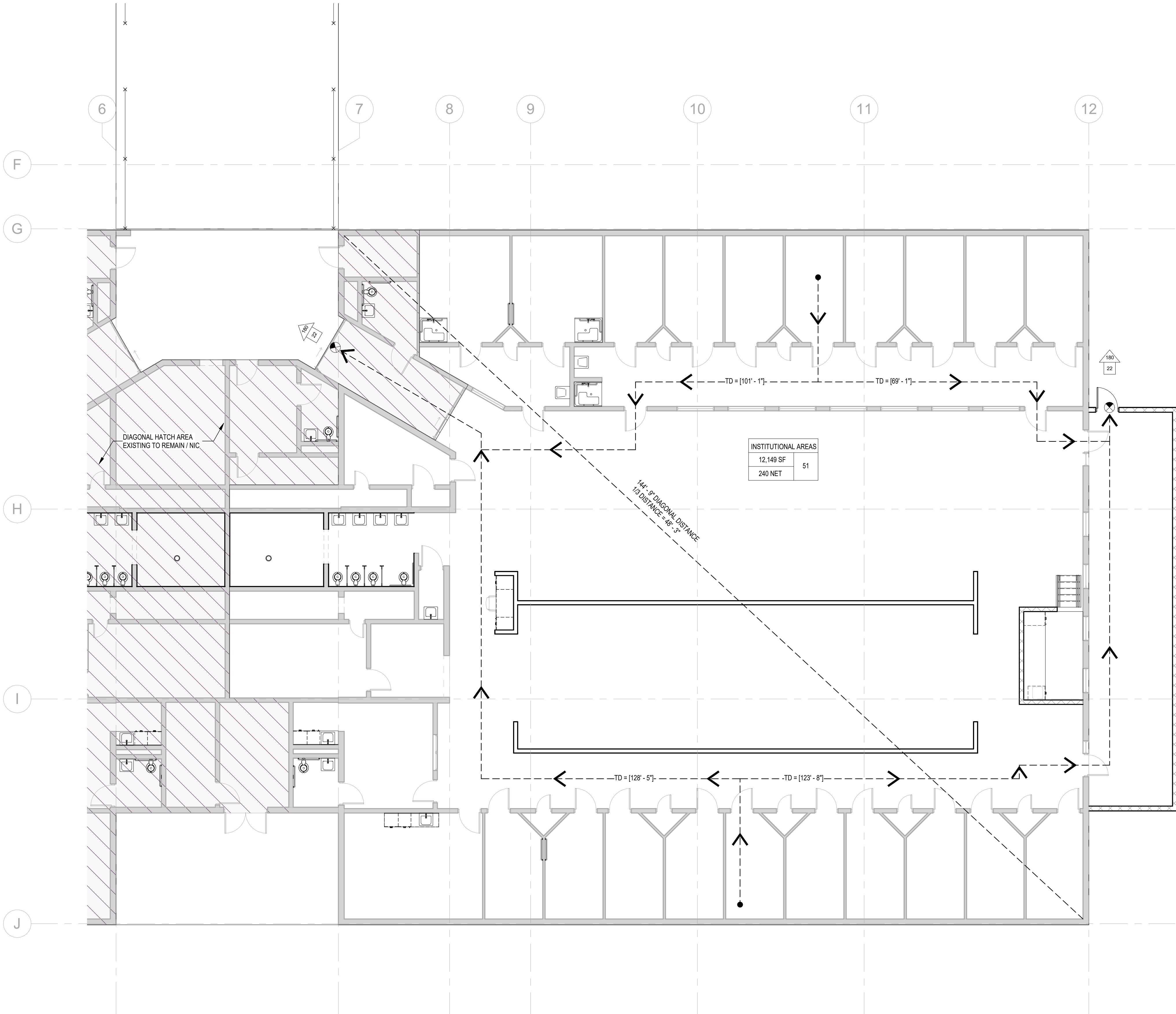
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1 LIFE SAFETY PLAN JIC
1/8" = 1'-0"

GENERAL SHEET NOTES:

1. FIRE EXTINGUISHERS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 10 REQUIREMENTS AND AS DIRECTED BY LOCAL BUILDING OFFICIAL.
2. SEE FLOOR PLAN FOR FIRE-RATED WALL LOCATIONS.
3. REFER TO DOOR, WINDOW, AND HARDWARE SCHEDULES FOR DOOR AND WINDOW FIRE RATING REQUIREMENTS AND EGRESS HARDWARE REQUIREMENTS.
4. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION ON EXIT SIGNS, EMERGENCY LIGHTS, FIRE ALARM AND SMOKE DETECTORS
5. ALL FURNITURE AND EQUIPMENT SHOWN ARE FOR REFERENCE ONLY.
6. STANDARD EGRESS CAPACITY OF EXIT THROUGH 36" WIDE SINGLE DOOR IS 180 OCCUPANTS PER FBC, 2020
7. STANDARD EGRESS CAPACITY OF EXIT THROUGH DOUBLE DOORS (36" WIDE EACH PANEL) IS 360 OCCUPANTS PER FBC, 2020
8. PER DIRECTION FROM HILLSBOROUGH COUNTY FIRE MARSHALL DUE TO REMOTELY CONTROLLED EXIT DOORS AND REQUIREMENT FOR INMATES TO BE ACCOMPANIED BY A DEPUTY UPON EXIT, EVEN IN AN EMERGENCY, EXIT SIGNS ARE NOT PROVIDED. HILLSBOROUGH COUNTY SHERIFF'S OFFICE HAS APPROVED EXITING PROCEDURES DURING EMERGENCIES.

SYMBOLS LEGEND

- FE FIRE EXTINGUISHER & CABINET
- FE FIRE EXTINGUISHER & WALL BRACKET
- NOTE:
SEE LIGHTING PLAN FOR EMERGENCY LIGHTING FIXTURES
- EXIT LIGHT

RATED WALLS

- 1 HOUR
- 2 HOUR

ROOM OCCUPANCY

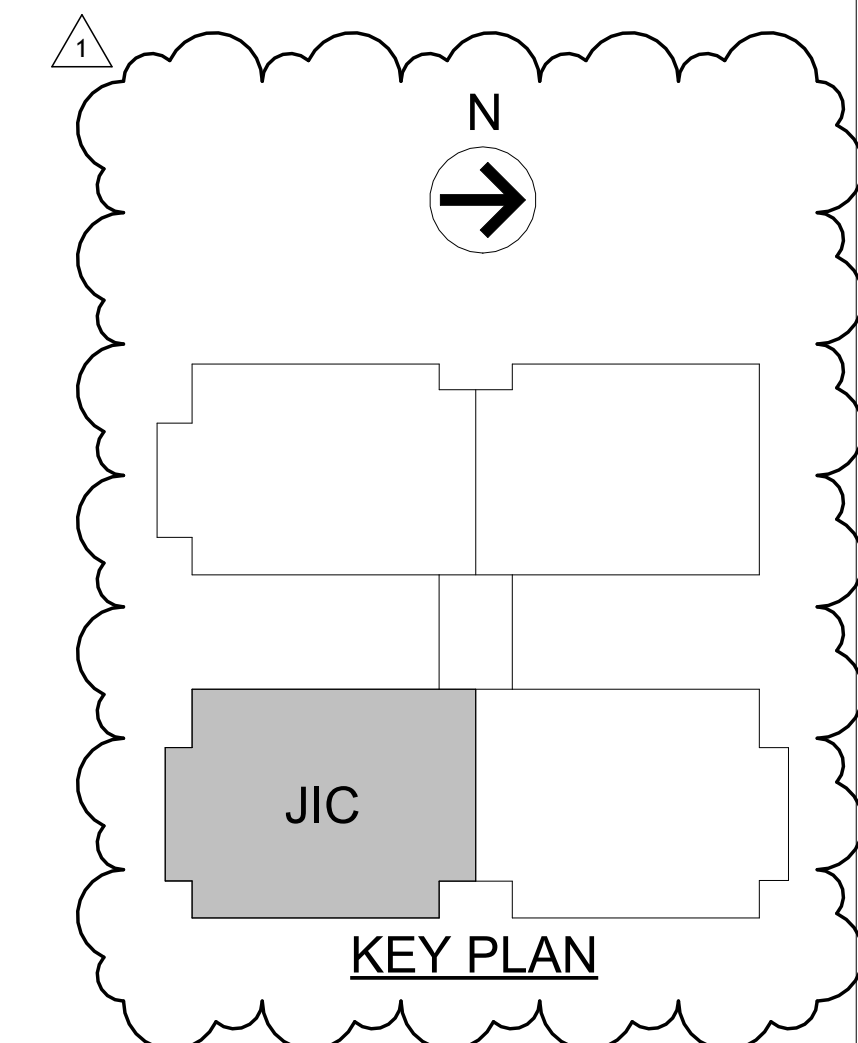
- STORAGE NAME
- OCCUPANCY LOAD
- XX SQUARE FOOTAGE

EXIT CAPACITY

- CAPACITY OF EXIT
- OCCUPANT LOAD

TRAVEL DISTANCE

- EGRESS TRAVEL DISTANCE (TD)
- START OF TRAVEL
- TD = 0'-0"
- COMMON PATH OF TRAVEL (CPOT)
- CPT = 0'-0"
- DIRECTION OF TRAVEL



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LIFE SAFETY PLAN - JIC

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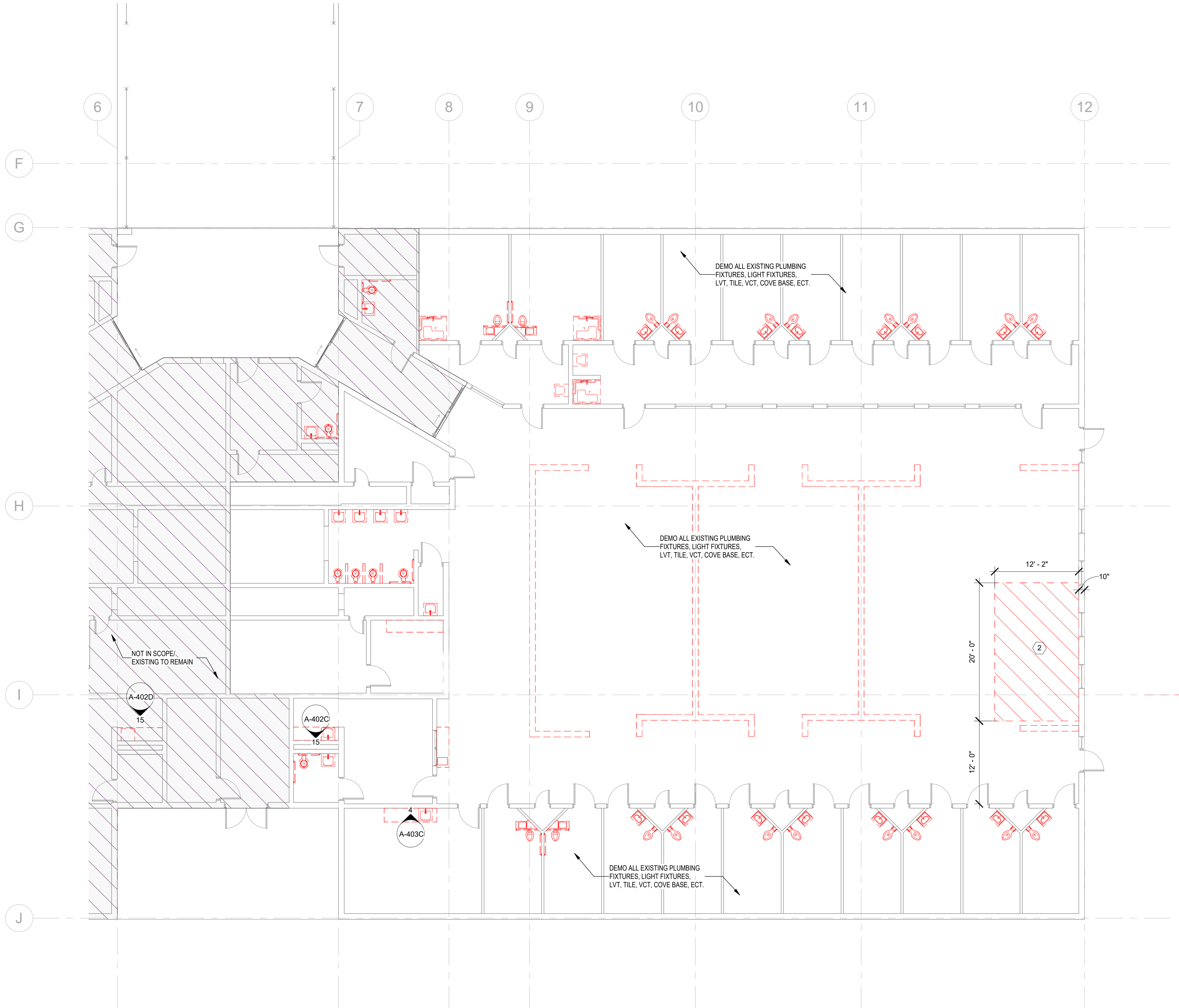
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1 DEMOLITION PLAN JIC
1/8" = 1'-0"

DEMOLITION FLOOR PLAN LEGEND

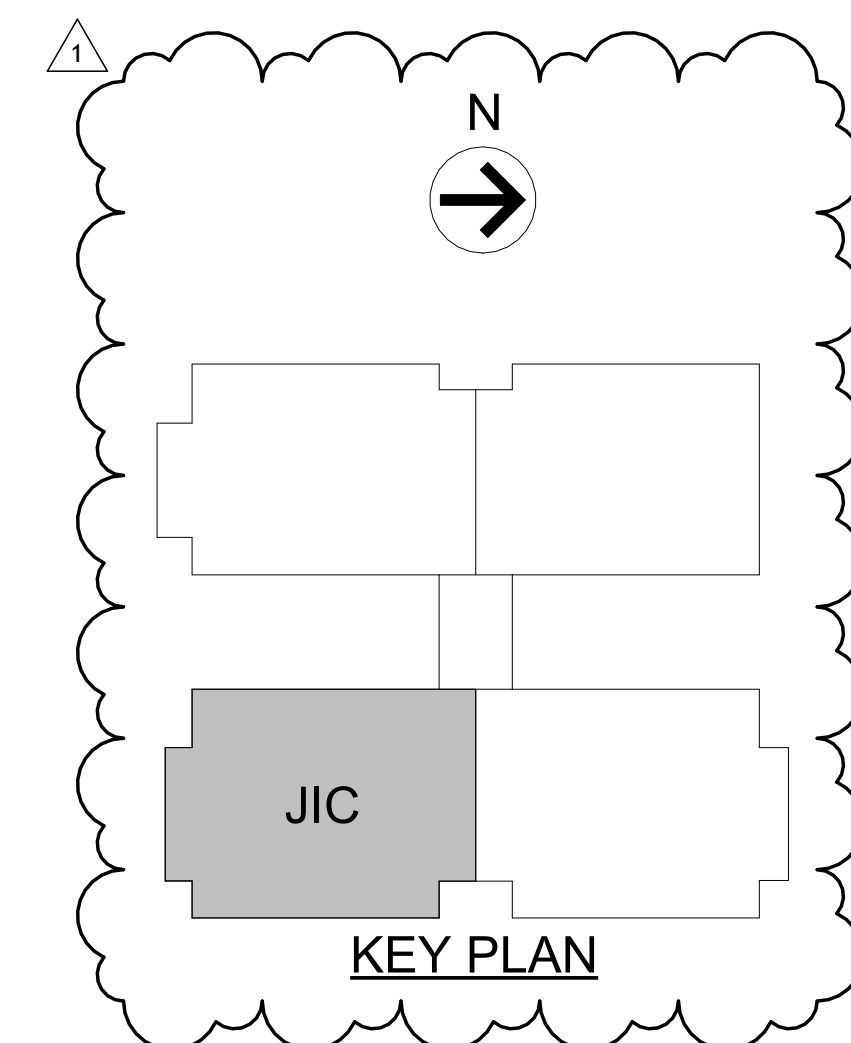
- EXISTING WALL TO REMAIN
- WALL TO BE DEMOLISHED

DEMOLITION GENERAL NOTES

- CONTRACTOR SHALL NOTIFY ARCHITECT IN THE EVENT OF ANY DISCREPANCIES WITH STRUCTURAL, ARCHITECTURAL & MEP DEMOLITION DRAWINGS.
- CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.

DEMOLITION KEYED NOTES

- GC TO PERFORM X-RAY IF EXISTING EXTERIOR WALL PRIOR TO DEMOLITION. X-RAY TO BE PROVIDED TO OWNER, ARCHITECT & STRUCTURAL ENGINEER FOR REVIEW.
- DEMO EXISTING CONCRETE SLAB. GC TO PERFORM X-RAY SCAN TO LOCATE ALL EXISTING REBAR, PIPING, CONDUIT ETC. BEFORE DEMOLITION. RESULTS TO BE COORDINATED WITH OWNER & ARCHITECT.



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DEMOLITION FLOOR PLAN - JIC

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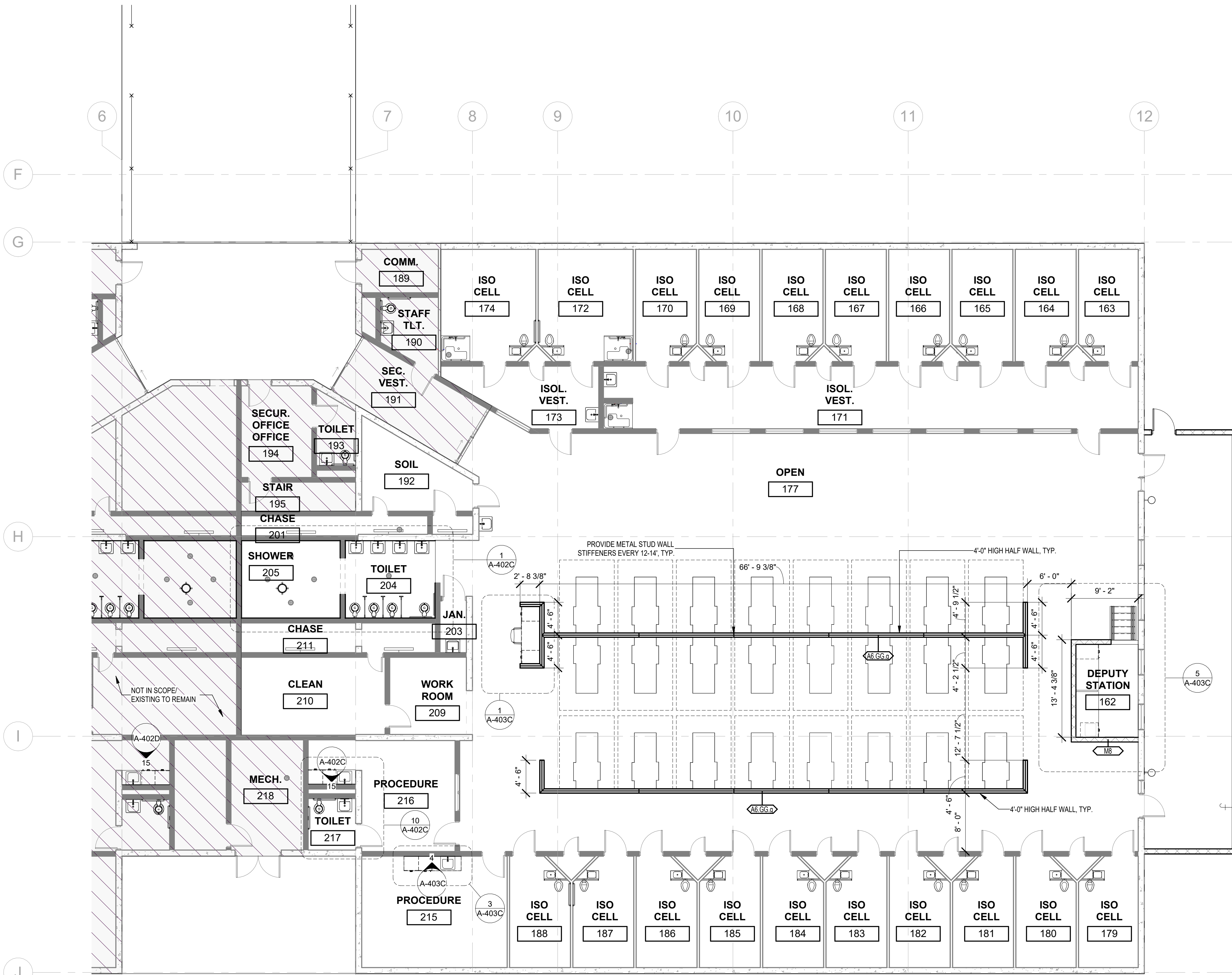
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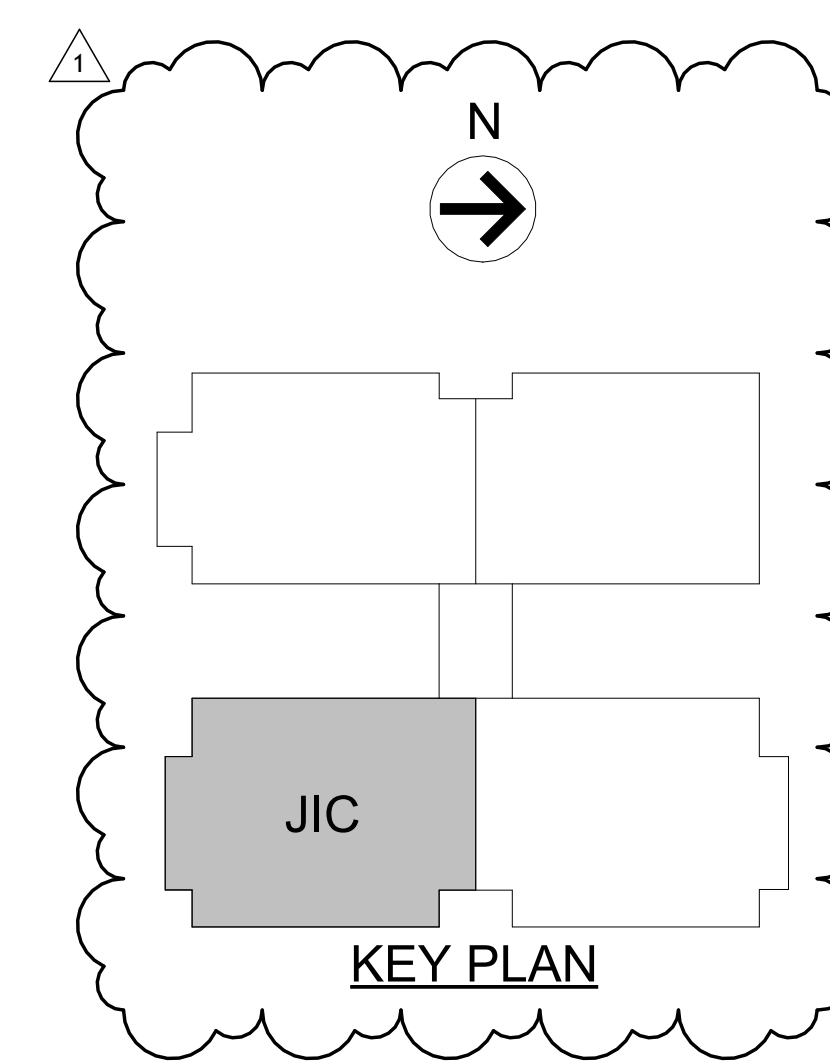
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- GENERAL SHEET NOTES:**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS, NOTIFY ARCHITECT WITH ANY DIMENSIONAL CONFLICTS.
 2. FURNITURE SHOWN FOR REFERENCE ONLY. NOT INCLUDED IN SCOPE OF WORK. ALL FF&E, INCLUDING INMATE BEDS, TABLES, AND CHAIRS, TO BE OWNER FURNISHED AND CONTRACTORS INSTALLED (OFCI).
 3. SEE G-005 FOR WALL DESIGN DETAILS AND REQUIREMENTS.
 4. ALL REMAINING HOLES OR CAVITIES IN CMU OR PRECAST PANELS TO BE FULLY FILLED/GROUTED PRIOR TO PATCH AND PAINT, TYP.

- FLOOR PLAN LEGEND**
- 8" CMU
 - EXISTING WALL TO REMAIN
 - WALL TO BE DEMOLISHED
 - 4 7/8" GYP STUD WALL
 - FIRE EXTINGUISHER



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

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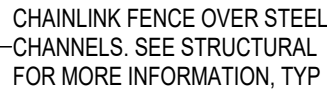
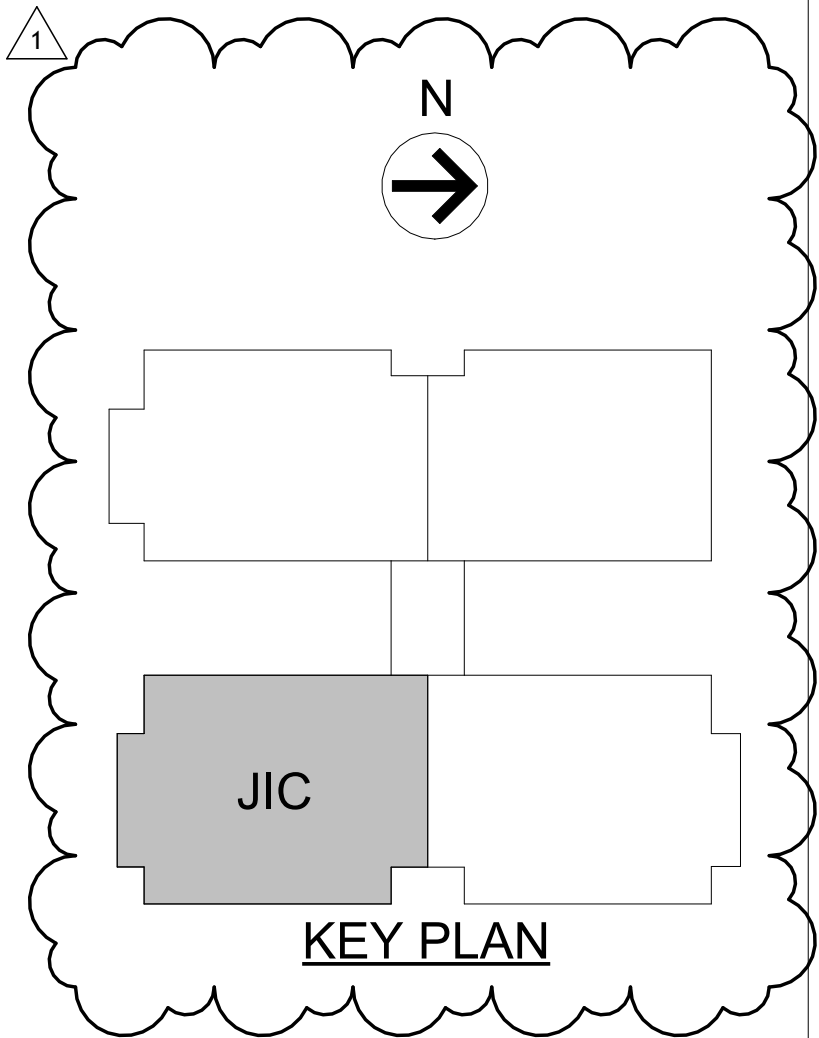
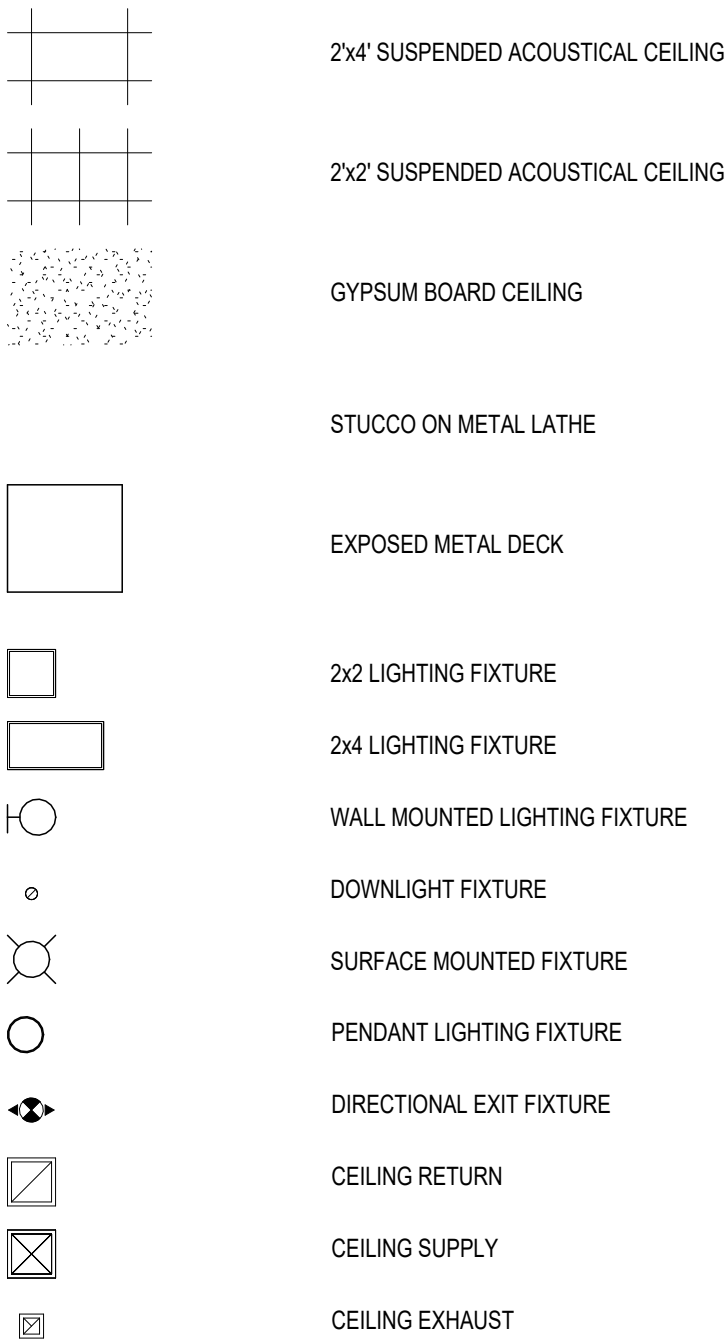
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CEILING PLAN LEGEND



1 REFLECTED CEILING PLAN
1/8" = 1'-0"

TOILET ACCESSORIES			
MARK	DESCRIPTION	MANUFACTURER	COMMENTS
	<varies>	<varies>	<varies>
2	STAINLESS STEEL SECURITY MIRROR	ACORN, MODEL 1817-A	FRONT MOUNT, INTEGRAL FRAME
4	TOILET PAPER HOLDER	ACORN, MODEL 1840	

1 ENLARGED TOILET 204 AND SHOWER 205 PLAN
1/4" = 1'-0"

2 SHOWERS 205 ELEV 1
3/8" = 1'-0"

3 SHOWERS 205 ELEV 2
3/8" = 1'-0"

4 SHOWERS 205 ELEV 3
3/8" = 1'-0"

5 SHOWERS 205 ELEV 4
3/8" = 1'-0"

6 TOILET 204 ELEV 1
3/8" = 1'-0"

7 TOILET 204 ELEV 2
3/8" = 1'-0"

8 TOILET 204 ELEV 3
3/8" = 1'-0"

9 TOILET 204 ELEV 4
3/8" = 1'-0"

10 ENLARGED TOILET 217 PLAN
1/2" = 1'-0"

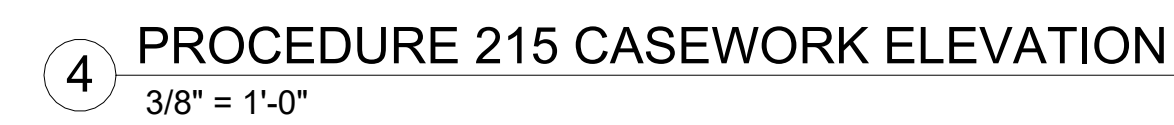
11 TOILET 217 ELEV 1
3/8" = 1'-0"

12 TOILET 217 ELEV 2
3/8" = 1'-0"

13 TOILET 217 ELEV 3
3/8" = 1'-0"

14 TOILET 217 ELEV 4
3/8" = 1'-0"

A-402C



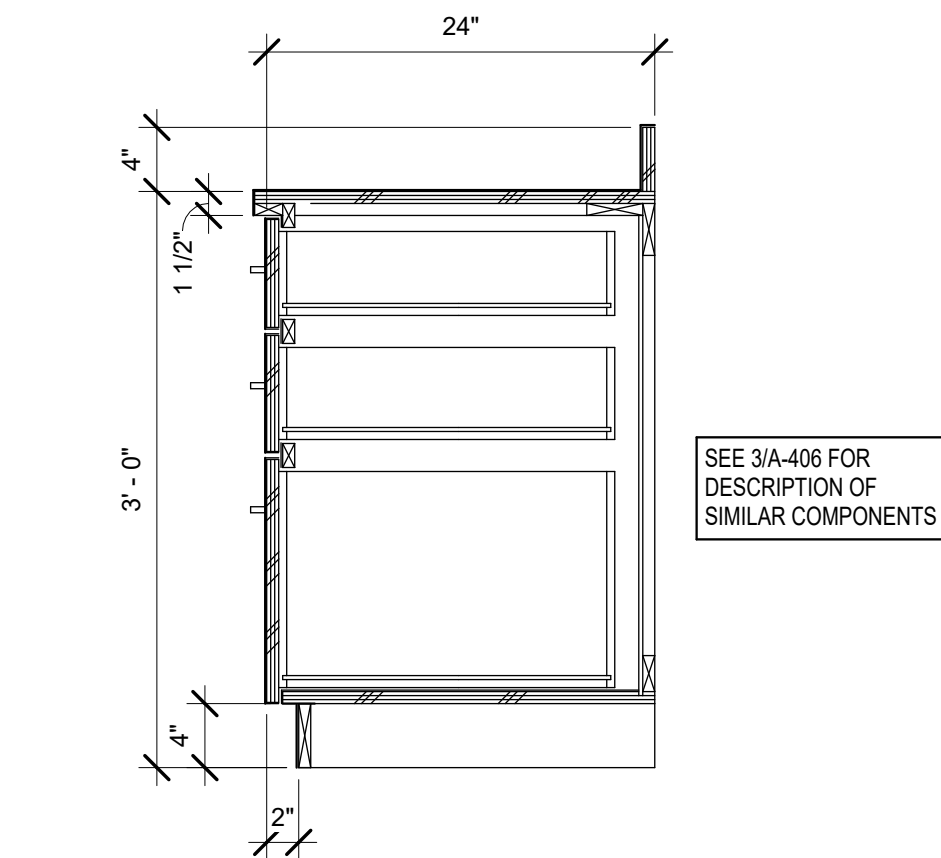
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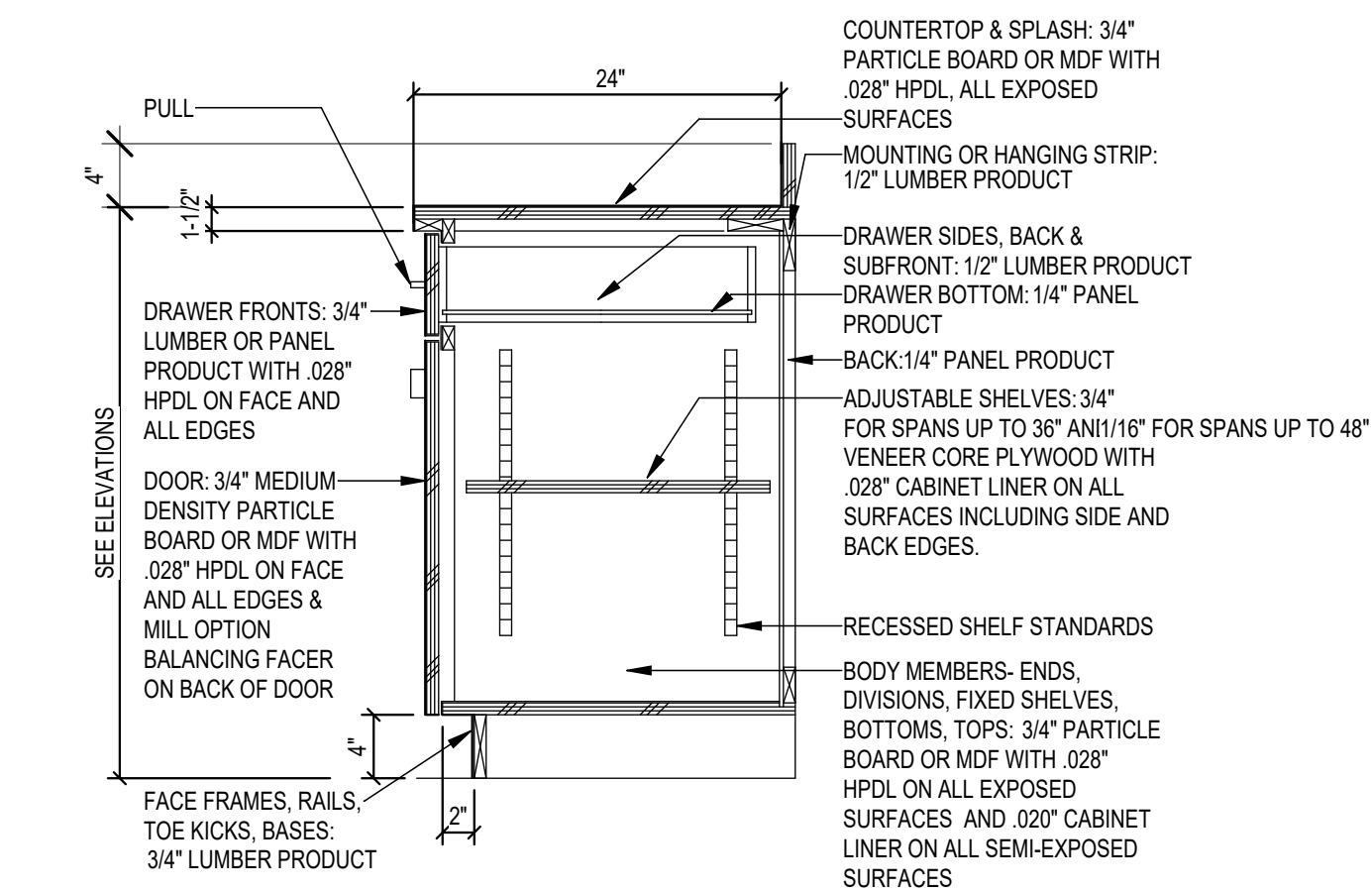
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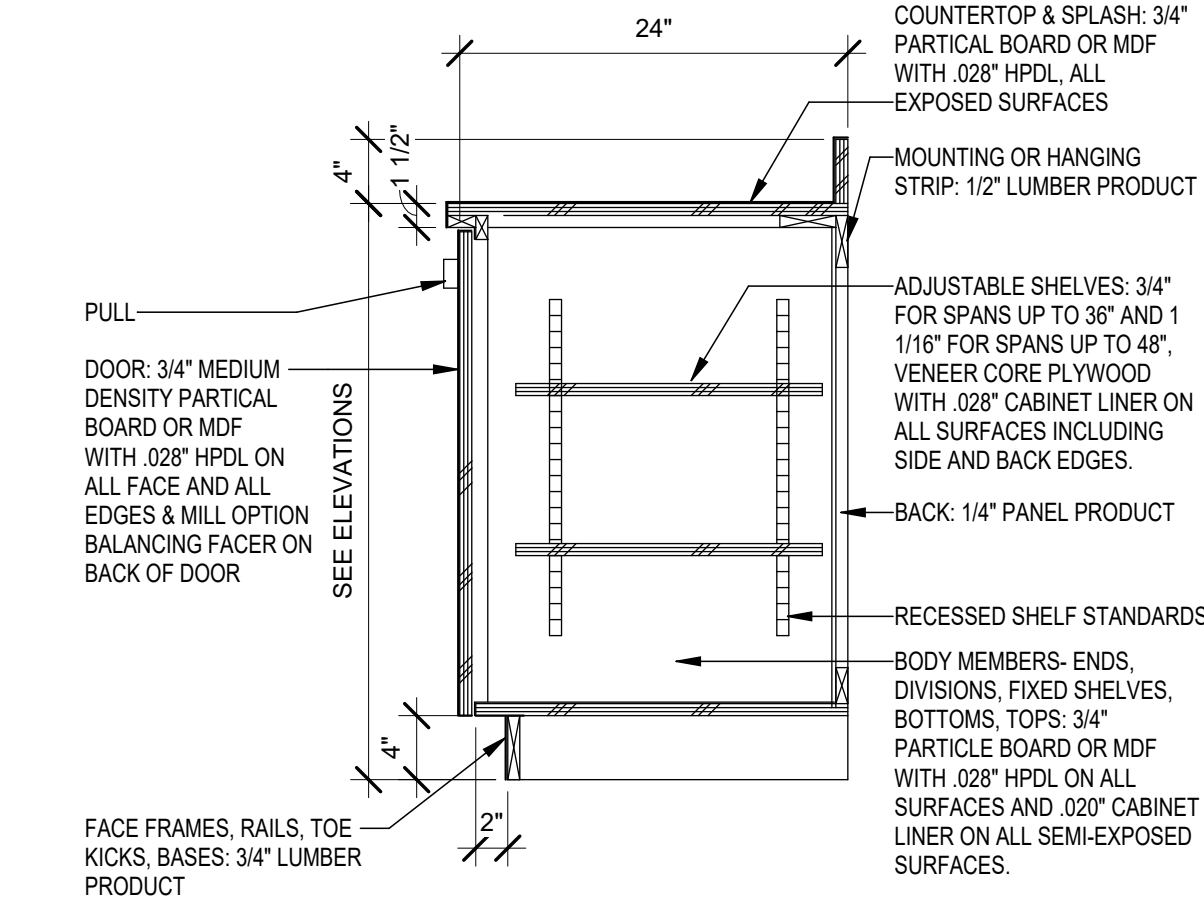
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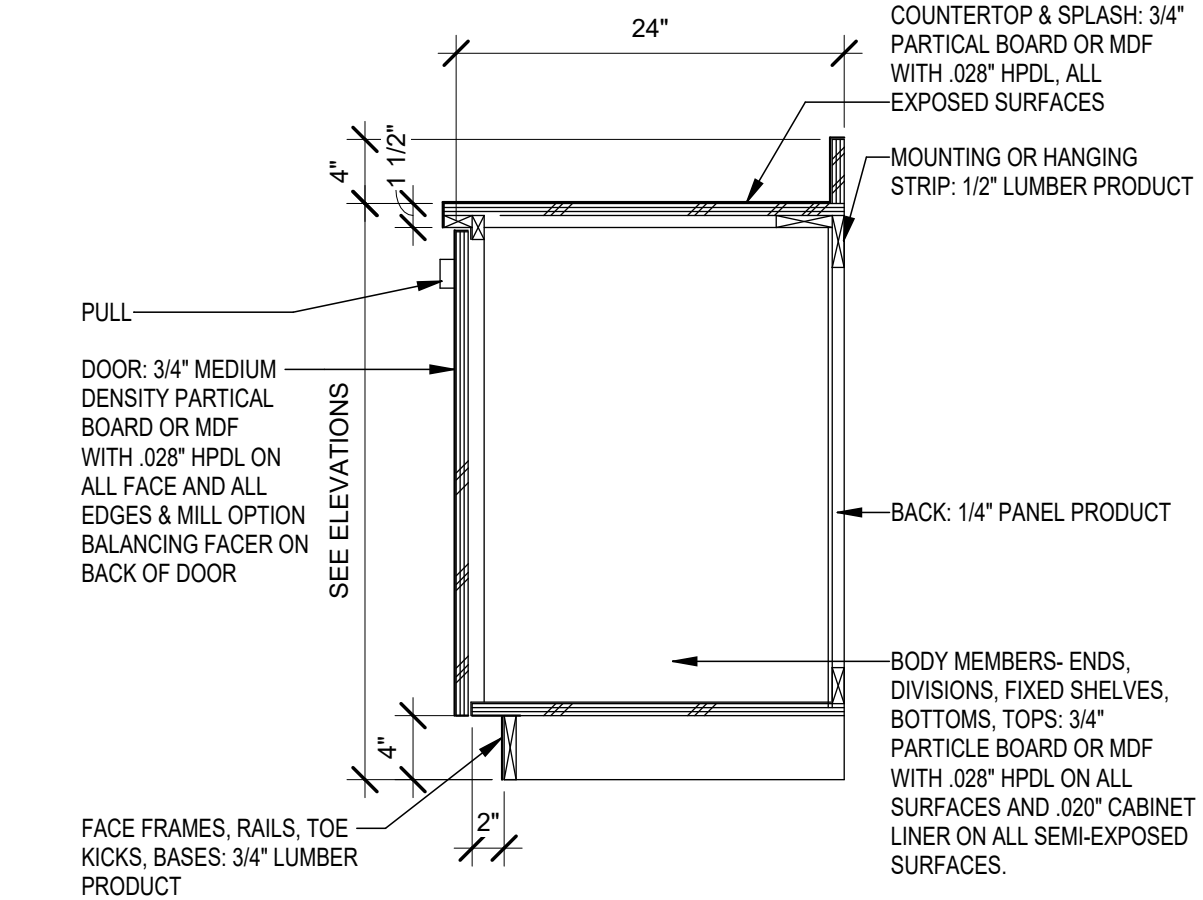
1 BASE CABINET - 2 SMALL/1 LARGE DRAWER
1" = 1'-0"



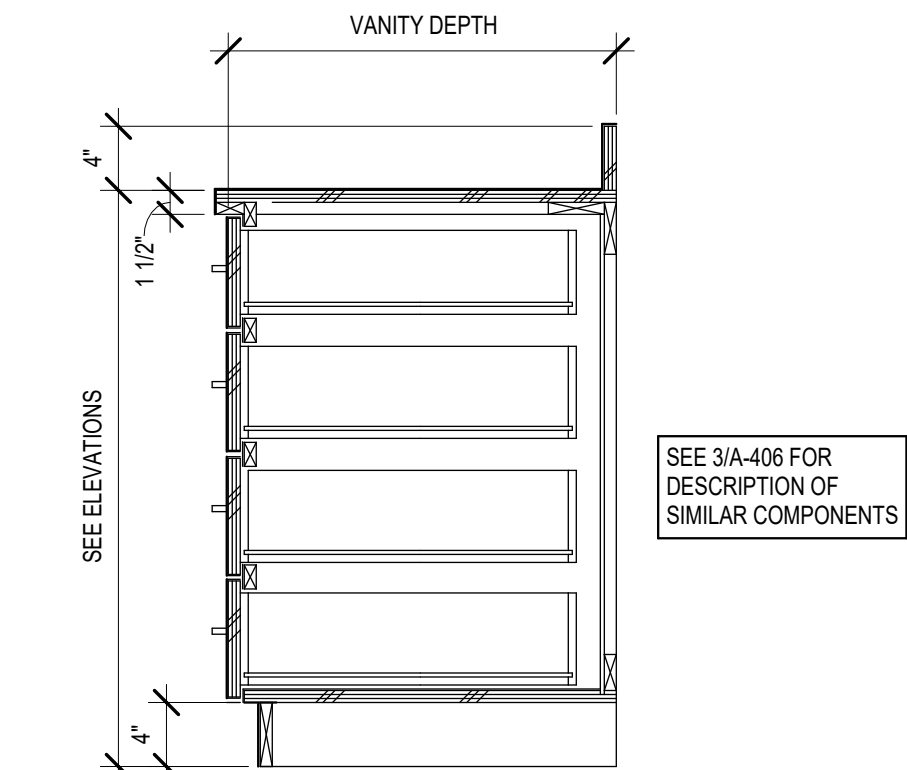
2 BASE CABINET - LAMINATE DRAWER
1" = 1'-0"



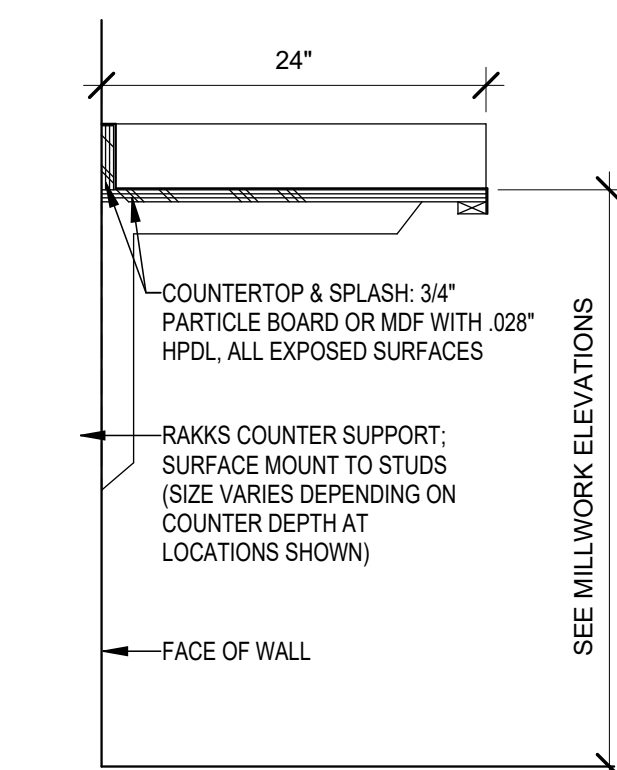
3 BASE CABINET - ONE DOOR (LAMINATE)
1" = 1'-0"



4 BASE CABINET - ONE DOOR (NO SHELVES)
1" = 1'-0"



5 BASE CABINET - VANITY DRAWER
1" = 1'-0"



6 COUNTERTOP (LAMINATE)
1" = 1'-0"

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STUD PARTITIONS	STUD PARTITIONS	FURRING PARTITIONS	CMU PARTITIONS	GENERAL NOTES: PARTITION SCHEDULE	WALL TAG LEGEND
<div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><di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HCSO MENTAL HEALTH POD

520 N FALKENBURG ROAD
TAMPA, FLORIDA 33619

WALL TYPES - JIC

#	ISSUED FOR	DATE

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REVIEW BY: Project Manager
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24001.01

A-500C

ROOM SCHEDULE JIC						
NUMBER	NAME	CEILING FINISH	WALL FINISH	BASE FINISH	FLOOR FINISH	COMMENTS
162	DEPUTY STATION	EXPOSED	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
163	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
164	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
165	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
166	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
167	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
168	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
169	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
170	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
171	ISOL. VEST.	SEALED CONCRETE	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
172	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
173	ISOL. VEST.	SEALED CONCRETE	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
174	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
177	OPEN	EXPOSED	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
179	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
180	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
181	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
182	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
183	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
184	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
185	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	

ROOM SCHEDULE JIC						
NUMBER	NAME	CEILING FINISH	WALL FINISH	BASE FINISH	FLOOR FINISH	COMMENTS
186	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
187	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
188	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
192	SOIL	ACT	PAINT			
201	CHASE	ACT	PAINT			
203	JAN.	SEALED CONCRETE	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
204	TOILET	SEALED CONCRETE	TILE	TILE	TILE	
205	SHOWER	SEALED CONCRETE	TILE	TILE	TILE	
209	WORK ROOM	ACT	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
210	CLEAN	SEALED CONCRETE	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
211	CHASE	ACT	PAINT			
215	PROCEDURE	ACT	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
216	PROCEDURE	ACT	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
217	TOILET	SEALED CONCRETE	TILE	TILE	TILE	

GENERAL NOTES:


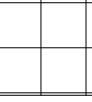

1. FFE, INCLUDING INMATE BEDS, TABLES, AND CHAIRS, TO BE OWNER FURNISHED AND CONTRACTOR INSTALLED (OF/CI).

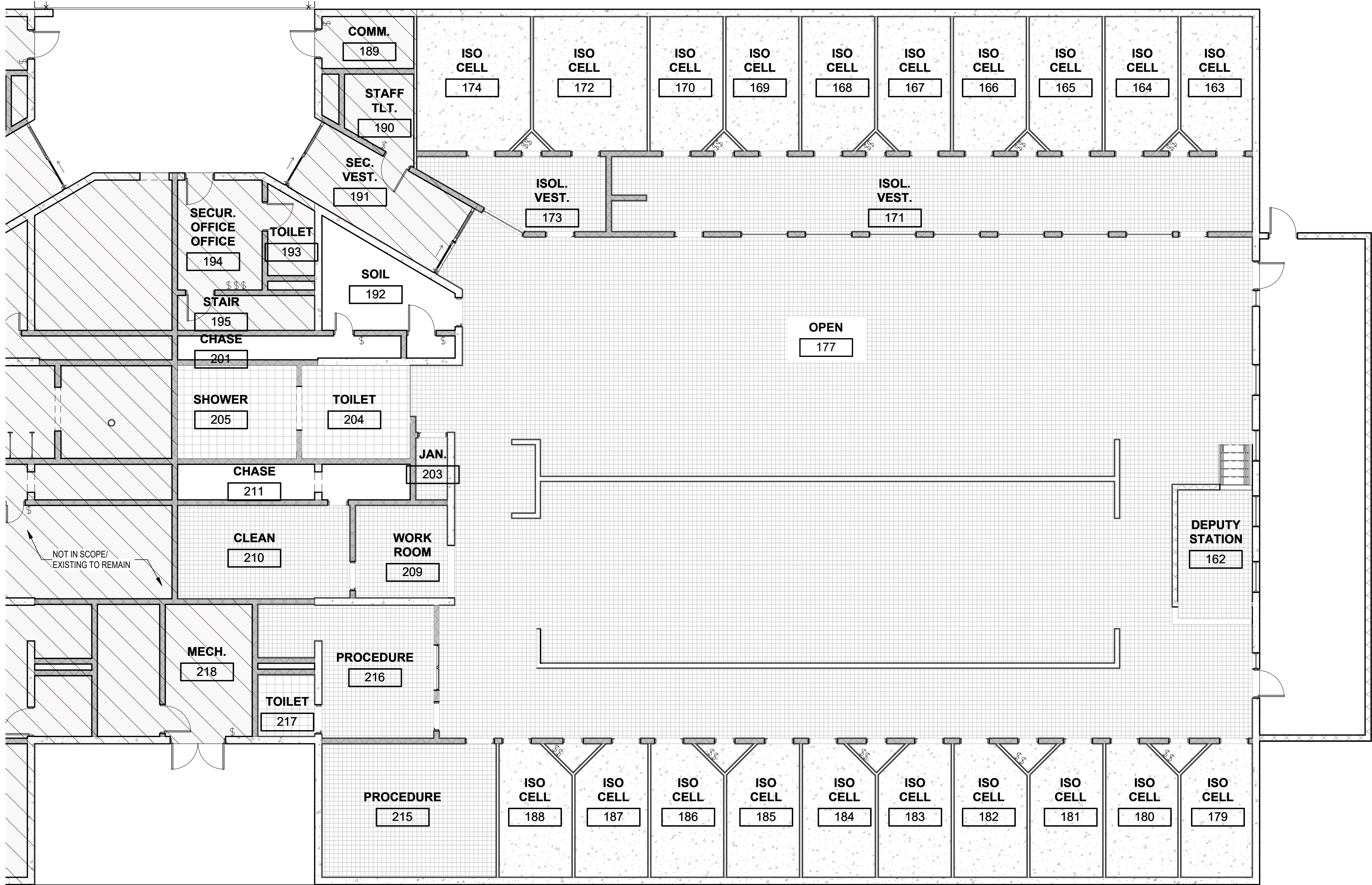
INTERIOR FINISH KEY ABBREVIATIONS

- ACT - ACOUSTICAL CEILING TILE
CT - CERAMIC TILE
PC - POLISHED CONCRETE
SC - SEALED CONCRETE
CPT - CARPET
CT - CERAMIC TILE
GYP - GYPSUM WALL BOARD
LVT - VINYL TILE
P - PAINT
RB - RUBBER BASE
TB - TILE BASE

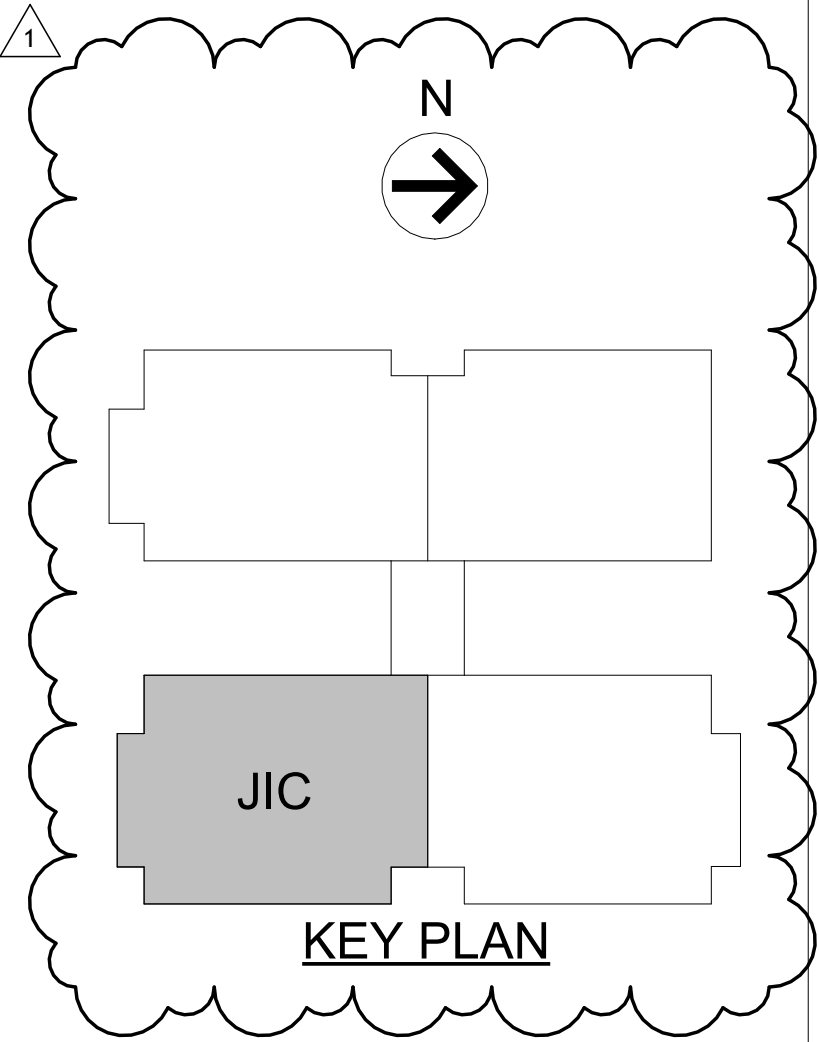
NOTE: SEE SHEET G-006 (GENERAL NOTES & ABBREVIATION) FOR ANY ADDITIONAL ABBREVIATIONS

FLOORING FINISH KEY

-  SEALED CONCRETE
-  CERAMIC TILE
-  LVT (OF/OI)



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



HCSO MENTAL HEALTH POD

520 N FALKENBURG ROAD
TAMPA, FLORIDA 33619

ROOM FINISH PLAN AND SCHEDULE JIC

#	ISSUED FOR	DATE
	REVIEW	08.14.24
	PERMIT/BID	08.30.24
1	ADDENDUM #1	09.20.24

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REVIEW BY: Project Manager
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ELECTRICAL ABBREVIATIONS LIST			
1P A ACLG ADO AF AFF AFG AFI AHU AL ALT AMP AMPL ANNUN APPROX AQ-STAT ARCH AS AT ATS AUTO AUX AV AWG BATT BD BLDG BMS C CAB CAT CATV CB CCTV CKT CLG COMB CMPR CONN CONST CONT CONTR CONV CP CRT CTR CU (D) DEPT DET DIA DISC DIST DN DPR DS DT DWG (E) EC ELEC ELEV ELU EM EMS ENT EP EQUIP EWC EXIST EXH EXP FA FABP FACP FCU FIXT FLR FLUOR FU FUDS GA GAL GALV GC GEN GFI GFP GND GRS GYP BD HOA HORIZ HP HPF HTG HTR HV HVAC IC IG IMC INCAND IR I/W J-BOX KV KVA KVAR KW KWH LOC LT LTG LTNG LV MAX MAGS M/C MC	1 POLE (2P, 3P, 4P, ETC.) AMPERE ABOVE COUNTER AUTOMATIC DOOR OPENER AMP FRAME ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ARC FAULT CIRCUIT INTERRUPTER AIR HANDLING UNIT ALUMINUM ALTERNATE AMPERE AMPLIFIER ANNUNCIATOR APPROXIMATELY AQ-STAT AQUASTAT ARCHITECT, ARCHITECTURAL AMP SWITCH AMP TRIP AUTOMATIC TRANSFER SWITCH AUTOMATIC AUXILIARY AUDIO VISUAL AMERICAN WIRE GAUGE BATTERY BOARD BUILDING BUILDING MANAGEMENT SYSTEM CONDUIT CABINET CATALOG CABLE TELEVISION CIRCUIT BREAKER CLOSED CIRCUIT TELEVISION CIRCUIT CEILING COMBINATION COMPRESSOR CONNECTION CONSTRUCTION CONTINUATION OR CONTINUOUS CONTRACTOR CONVECTOR CIRCULATING PUMP CATHODE TUBE CURRENT TRANSFORMER CENTER COPPER DEMOLITION DOMESTIC WATER CIRCULATING PUMP DEPARTMENT DETAIL DIAMETER DISCONNECT DISTRIBUTION DOWN DAMPER SAFETY DISCONNECT SWITCH DOUBLE THROW DRAWING EXISTING ITEMS ELECTRICAL CONTRACTOR ELECTRIC, ELECTRICAL ELEVATOR EMERGENCY LIGHTING UNIT EMERGENCY ENERGY MANAGEMENT SYSTEM ELECTRICAL METALLIC TUBING ELECTRIC PNEUMATIC EQUIPMENT ELECTRIC WATER COOLER EXISTING EXHAUST EXPLOSION PROOF FIRE ALARM FIRE ALARM BOOSTER POWER SUPPLY PANEL FIRE ALARM CONTROL PANEL FAN COIL UNIT FIXTURE FLOOR FLUORESCENT FUSE FUSED SAFETY DISCONNECT SWITCH GAUGE GALLON GALVANIZED GENERAL CONTRACTOR GENERATOR GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT PROTECTOR GROUND GALVANIZED RIGID STEEL (CONDUIT) GYPSUM BOARD HANDS-OFF-AUTOMATIC SWITCH HORIZONTAL HORSEPOWER HIGH POWER FACTOR HEIGHT HEATING HEATER HIGH VOLTAGE HEATING, VENTILATING AND AIR CONDITIONING INTERRUPTING CAPACITY ISOLATED GROUND INTERMEDIATE METAL CONDUIT INCANDESCENT INFRARED INTERLOCK WITH JUNCTION BOX KILOVOLT KILOVOLT-AMPERE KILOVOLT-AMPERE REACTIVE KILOWATT KILOWATT HOUR LOCATE OR LOCATION LIGHT LIGHTING LIGHTNING LOW VOLTAGE MAXIMUM MAGNETIC STARTER MOMENTARY CONTACT MECHANICAL CONTRACTOR	MCB MCC MDC MDP MFR MFS MH MIC MIN MISC MLO MMS MOA MSP MSB MT MT.C MTS NTR N.C. NEC NEMA NFC NIC NL N.O. NPF NTS OH OL PA PB PE PED PF PHASE PIV PNL PP PR PRI PROJ PRV PT PVC PWR QUAN RCPT REQD RM RSC RTU SC SEC SHT SIM SIN SPEC SPKR SP SR SS SSW S/S STA STD SURF SW SWBD SYM SYS TEL TEL/DATA TERM TL TR T-STAT TTC TV TVTC TYP UC UE UG UH UT UTIL UV V VA VDT VERT VFD VOL W WI WG WH W/O WP XFR XFR	MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER MAIN DISTRIBUTION CENTER MAIN DISTRIBUTION PANEL MANUFACTURER MAIN FUSED DISCONNECT SW MANHOLE MICROPHONE MINIMUM MISCELLANEOUS MAIN LUGS ONLY MANUAL MOTOR STARTER MULTIOUTLET ASSEMBLY MOTOR STARTER PANELBOARD MAIN SWITCHBOARD MOUNT EMPTY CONDUIT MANUAL TRANSFER SWITCH MOTOR, MOTORIZED NORMALLY CLOSED NATIONAL ELECTRICAL CODE NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION NON-FUSED SAFETY DISCONNECT SWITCH NOT IN CONTRACT NIGHT LIGHT NORMALLY OPEN NORMAL POWER FACTOR NOT TO SCALE OVERHEAD OVERLOADS PUBLIC ADDRESS PULL BOX OR PUSHBUTTON PNEUMATIC ELECTRIC PEDESTAL POWER FACTOR PHASE POST INDICATING VALVE PANEL POWER POLE PRIMARY PROJECTION POWER ROOF VENTILATOR POTENTIAL TRANSFORMER POLYVINYL CHLORIDE (CONDUIT) POWER QUANTITY RECEPTACLE REQUIRED ROOM RIGID STEEL CONDUIT ROOF TOP UNIT SURFACE CONDUIT SECONDARY SHEET SIMILAR SOLID NEUTRAL SPECIFICATION SPEAKER SPARE SURFACE RACEWAY STAINLESS STEEL SELECTOR SWITCH STOP/START PUSHBUTTONS STATION STANDARD SURFACE MOUNTED SWITCH SWITCHBOARD SYMMETRICAL SYSTEM TELEPHONE TELEPHONE/DATA TERMINAL TWIST LOCK TAMPER RESISTANT THERMOSTAT TELEPHONE TERMINAL CABINET TELEVISION TELEVISION TERMINAL CABINET TYPICAL UNDER COUNTER UNDERGROUND ELECTRICAL UNDERGROUND UNIT HEATER UNDERGROUND TELEPHONE UTILITY ULTRAVIOLET VOLT VOLT-AMPERES VIDEO DISPLAY TERMINAL VERTICAL VARIABLE FREQUENCY DRIVE VOLUME WATT WITH WIRE GUARD WATER HEATER WITHOUT WEATHERPROOF TRANSFORMER TRANSFER

ELECTRICAL SYMBOL LEGEND (MOUNTING HEIGH TO CENTER LINE OF BOX, UNLESS NOTED OTHERWISE)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	2X4 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		SIMPLEX RECEPTACLE (18" AFF, UON)
	2X4 CRITICAL BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		DUPLEX RECEPTACLE (18" AFF, UON) DUPLEX RECEPTACE 6" ABOVE COUNTER BACKSPASH OR 48" AFF
	2X4 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		DOUBLE DUPLEX RECEPTACLE (18" AFF, UON)
	2X2 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		DOUBLE DUPLEX RECEPTACE 6" ABOVE COUNTER BACKSPASH OR 48" AFF
	2X2 CRITICAL BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		TOP AND BOTTOM SWITCHED OUTLET, AS NOTED ON PLANS
	2X2 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		TOP SWITCHED OUTLET, AS NOTED ON PLANS
	1X4 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		USB RECEPTACLE COMBINATION
	1X4 CRITICAL BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		DUPLEX RECEPACLE - FLOOR MOUNTED
	1X4 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED		DOUBLE DUPLEX RECEPACLE - FLOOR MOUNTED
	4" LINEAR INDUSTRIAL STRIP FIXTURE - TYPE AS SPECIFIED		DUPLEX RECEPACLE - CEILING MOUNTED
	4" CRITICAL BRANCH LINEAR INDUSTRIAL STRIP FIXTURE - TYPE AS SPECIFIED		DOUBLE DUPLEX RECEPACLE - CEILING MOUNTED
	4" LIFE SAFETY BRANCH LINEAR INDUSTRIAL STRIP FIXTURE - TYPE AS SPECIFIED		RANGE RECEPTACLE, 4" AFF TO CENTER. 120/240V, 1 PHASE, 3 WIRE PLUS GROUND, 50 AMPS NEMA 14-50.
	RECESSED CAN LIGHT - TYPE AS SPECIFIED		DRYER RECEPTACLE, 48" AFF TO CENTER. 120/240V, 1 PHASE, 3 WIRE PLUS GROUND, 30 AMPS NEMA 14-30.
	RECESSED CAN LIGHT - TYPE AS SPECIFIED		RETRACTABLE CORD REEL WITH DUPLEX NEMA 5-20 RECEPTACLE. PROVIDE WITH 30' OF RETRACTABLE S.O. CORD.
	LIGHTING FIXTURE - PENDANT MOUNTED - TYPE AS SPECIFIED		RETRACTABLE CORD REEL WITH DOUBLE DUPLEX NEMA 5-20 RECEPTACLES. PROVIDE WITH 30' OF RETRACTABLE S.O. CORD.
	CRITICAL BRANCH LIGHTING FIXTURE - PENDANT MOUNTED - TYPE AS SPECIFIED		SPECIAL PURPOSE RECEPTACLE, NEMA TYPE AS NOTED ON PLANS (18" AFF, UON)
	WALL SCONCE LIGHTING FIXTURE - SURFACE MOUNTED - TYPE AS SPECIFIED		DISCONNECT SWITCH - NON-FUSED - FRAME/FUSE/POLES/NEMA AS NOTED ON PLANS, ALL DISCONNECTS SHALL BE HEAVY DUTY AND NEMA TYPE 1 U.O.N.
	CRITICAL BRANCH WALL SCONCE LIGHTING FIXTURE - SURFACE MOUNTED - TYPE AS SPECIFIED		DISCONNECT SWITCH - FUSED - FRAME/FUSE/POLES/NEMA AS NOTED ON PLANS, ALL DISCONNECTS SHALL BE HEAVY DUTY AND NEMA TYPE 1 U.O.N.
	EXTERIOR POLE MOUNTED FIXTURE - TYPE AS SPECIFIED		RELAY
	EXTERIOR POST TOP MOUNTED FIXTURE - TYPE AS SPECIFIED		PUSH BUTTON
	SELF CONTAINED EMERGENCY LIGHTING UNIT - TYPE AS SPECIFIED		JUNCTION BOX
	COMBINATION EXIT SIGN & SELF CONTAINED EMERGENCY LIGHTING UNIT - TYPE AS SPECIFIED		MOTOR RATED SWITCH WITH THERMAL OVERLOADS FOR FRACTIONAL HORSEPOWER MOTORS
	EXIT LIGHT, CEILING-MOUNTED, SHADING AND ARROWS INDICATE FACES AND DIRECTION		POWER POLE (OPEN OFFICE STYLE)
	EXIT LIGHT, WALL-MOUNTED, SHADING AND ARROWS INDICATE FACES AND DIRECTION		MOTOR CONNECTION - HORSE POWER AS NOTED
	SINGLE-POLE, LOW VOLTAGE, 3-WAY AND 4-WAY SWITCHES (48" AFF)		TRANSFORMER
	LOCAL WALL DIMMER SWITCH (48" AFF)		
	FAN SWITCH (48" AFF)		
	WALL MOUNTED OCCUPANCY SENSOR SWITCH: DUAL TECHNOLOGY (PASSIVE INFRARED/ULTRASONIC)		
	CEILING MOUNTED OCCUPANCY/VACANCY SENSOR: DUAL TECHNOLOGY (PASSIVE INFRARED/ULTRASONIC)		
	DAYLIGHT SENSOR		
	ROOM CONTROLLER (REFER TO PLANS)		
	LIGHTING RELAY (UL924 GENERATOR TRANSFER DEVICE)		
	TIME CLOCK (REFER TO PLANS)		

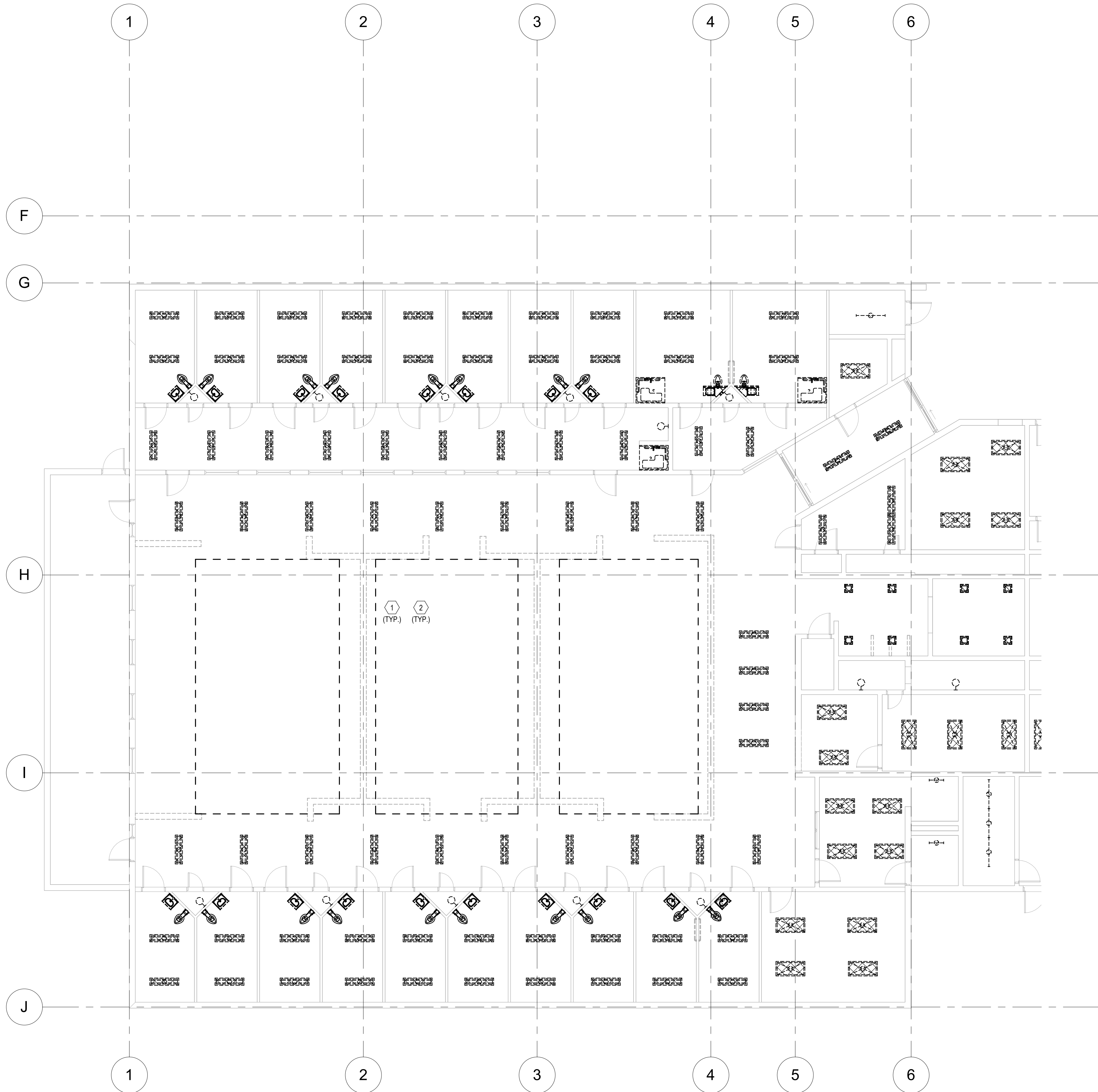
CONDUIT AND WIRING	
	BRANCH CIRCUIT RUN CONCEALED
	BRANCH CIRCUIT RUN UNDER FLOOR
	HOME RUN TO PANEL 2A SPACES 1, 3, & 5, REFER TO PANEL SCHEDULES

FIRE ALARM SYMBOLS	
	MANUAL PULL STATION (46" AFF)
	BELL/STROBE LIGHT COMBINATION (80" AFF)
	STROBE LIGHT (80" AFF)
	HORN (80" AFF)
	HORN/STROBE LIGHT COMBINATION (80" AFF)
	MINI HORN (80" AFF)
	PROGRAM BELL (80 AFF)
	CHIME/FLASH COMBINATION (80" AFF)
	SPEAKER (80" AFF)
	SPEAKER/STROBE COMBINATION (80" AFF)
	STANDALONE SMOKE ALARM - WALL MOUNTED; CEILING MOUNTED
	STANDALONE COMBO SMOKE/CARBON MONOXIDE ALARM - WALL MOUNTED; CEILING MOUNTED
	SMOKE DETECTOR TIED TO FACP - WALL MOUNTED; CEILING MOUNTED
	HEAT DETECTOR TIED TO FACP - WALL MOUNTED; CEILING MOUNTED
	COMBINATION SMOKE/HEAT DETECTOR TIED TO FACP - WALL MOUNTED; CEILING MOUNTED
	COMBO SMOKE/CARBON MONOXIDE DETECTOR TIED TO FACP - WALL MOUNTED; CEILING MOUNTED
	DUCT DETECTOR
	TAMPER SWITCH
	FLOW SWITCH
	MAGNETIC DOOR HOLDER (72" AFF)
	FIRE ALARM CONTROL PANEL SURFACE OR RECESSED

LINE TYPES	
	NEW WORK SCOPE OF WORK
	EXISTING SCOPE OF WORK
	DEMOLITION SCOPE OF WORK

GENERAL PROJECT NOTES	
1.	THIS IS A COMPLETE LIST OF ELECTRICAL SYMBOLS AND ABBREVIATIONS FOR REFERENCE ONLY. SYMBOLS SHOWN ON THIS DRAWING MAY NOT APPEAR ON THE FOLLOWING DRAWINGS.
2.	THE CONTRACTOR SHALL COORDINATE ALL REQUIRED SHUTDOWNS ON EXISTING UTILITIES WITH OWNER REPRESENTATIVES IN ORDER TO MINIMIZE IMPACT TO OTHER AREAS.
3.	PERFORM ALL WORK IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, REGULATIONS, AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION. IF CONFLICTS EXIST BETWEEN THESE ENGINEERING DOCUMENTS AND CODES, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
4.	ALL CONSTRUCTION WORK SHALL ALSO MEET THE FOLLOWING CODE REQUIREMENTS: A. FLORIDA BUILDING CODE, BUILDING, 8TH EDITION (2023) B. FLORIDA BUILDING CODE, ENERGY CONSERVATION, 8TH EDITION (2023) C. FLORIDA FIRE PREVENTION CODE, 7TH EDITION (2020) D. NFPA 101-2021, THE LIFE SAFETY CODE E. NFPA 70-2020, NATIONAL ELECTRICAL CODE F. NFPA 72-2019, NATIONAL FIRE ALARM CODE
5.	THE ELECTRICAL DRAWINGS ARE SCHEMATIC IN NATURE. BEFORE STARTING THE WORK THE CONTRACTOR SHALL REVIEW ALL OTHER DISCIPLINE DRAWINGS AND VERIFY FIELD CONDITIONS AND SHALL MAKE ANY REQUIRED MINOR ADJUSTMENTS WITHOUT EXTRA COST TO THE OWNER. ANY MAJOR DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
6.	ALL WIRING SHALL BE IN CONDUIT. MINIMUM CONDUIT SIZE SHALL BE 3/4". MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG. ALL NEW CIRCUITS SHALL BE PROVIDED WITH AN INDIVIDUAL NEUTRAL AND GROUNDING CONDUCTOR WITH THE PHASE CONDUCTOR.
7.	ALL CONDUITS INSTALLED INTERIOR SHALL BE EMT. ALL CONDUITS INSTALLED EXTERIOR UNDERGROUND SHALL BE PVC SCHEDULED 40. ALL CONDUITS INSTALLED EXTERIOR AND EXPOSED SHALL BE RGS.
8.	CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER. CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER. UNLESS NOTED OTHERWISE, CONDUCTORS INSULATION SHALL BE DUAL RATED AT THHN/THWN.
9.	ALL DEVICES, EQUIPMENT MATERIAL AND LABOR SHALL BE PROVIDED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
10.	ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE MOUNTED AS PER EQUIPMENT AND DEVICE MANUFACTURER RECOMMENDATIONS.
11.	CONTRACTOR SHALL PROVIDE SUBMITTALS TO ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL OF ALL ELECTRICAL EQUIPMENT AND DEVICES DESCRIBED IN THE SUBMITTAL REGISTER. SUBMITTALS SHALL INCLUDE CUT SHEETS, DIMENSIONS, WIRING DIAGRAMS, ACCESSORIES, OPERATION MANUALS, AND ALL NECESSARY INFORMATION FOR REVIEWER TO MAKE A SOUND EVALUATION.
12.	PROVIDE STARTUP OF ALL ELECTRICAL SYSTEMS AND COORDINATE WITH ARCHITECT/ENGINEER FOR OWNER STARTUP WITNESSING.
13.	PROVIDED LAMINATED PLASTIC NAMEPLATES FOR EACH EQUIPMENT ENCLOSURE. EACH NAMEPLATE IDENTIFY EQUIPMENT FUNCTION, PANELBOARD CONNECTED AND CIRCUIT NUMBER. NAMEPLATE SHALL BE MELAMINE PLASTIC (0.125 INCHES THICK), WHITE LETTERS ON BLACK BACKGROUND. MINIMUM SIZE OF LETTERS SHALL BE 2.5 INCHES. IN ADDITION TO EQUIPMENT TAGGING, CONTRACTOR SHALL PROVIDE ARC-FLASH WARNING AND AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION LABELS FOR PANELBOARDS, OTHER THAN DWELLING UNIT LOAD CENTERS, IN ACCORDANCE WITH NEC 110.
14.	PROVIDE COMPUTER PRINTED ON WHITE WRAPAROUND PAPER WITH CLEAR PLASTIC PROTECTION TAIL FOR ALL WIRE MARKERS. MARKER SHALL STATE PANELBOARD NAME AND CIRCUIT NUMBER ON ALL WIRES IN JUNCTION/PULL BOXES AND IN EQUIPMENT TERMINAL BOXES.
15.	PROVIDE PUNCHED TAPE LABELS ON ALL WIRING DEVICES FOR IDENTIFICATION. SHALL BE 1/2" BLACK TAPE WITH WHITE RAISED LETTERS. TAPE LABELS SHALL STATE PANELBOARD NAME AND CIRCUIT NUMBER.
16.	PROVIDE DIRECTORIES ON ALL PANELBOARDS. ALL LOADS SHALL BE BALANCED TO WITHIN 10%.
17.	CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE SET OF RECORD DRAWINGS TO THE OWNER AT THE END OF THE CONSTRUCTION.
18.	ALL MATERIALS AND EQUIPMENT TO BE INSTALLED SHALL BE NEW AND FREE OF DEFECTS. ALL ELECTRICAL EQUIPMENT SHALL COMPLY WITH NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) STANDARDS AND SHALL BE UL LABELED. ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN A WORKMANLIKE MANNER.
19.	ALL CONNECTORS AND SPLICES FOR CABLE SIZE #10 AWG AND SMALLER SHALL BE INSULATED. PRESSURE-TYPE. FOR LARGER SIZE CONDUCTORS USE BOLTED CLAMPS WITH INSULATING TAPE.
20.	PROVIDE INSULATION AND CONTINUITY TEST OF ALL 1000V AND LESS WIRES AND CABLES. USE TESTING PROCEDURES DESCRIBED IN INTERNATIONAL ELECTRICAL TESTING AGENCY (NETA) STANDARDS. REPLACE ANY CABLES WITH INSULATION RESISTANCE LESS THAN 100 MEGA OHMS (MOHMS). TEST ALL GROUND FAULT CIRCUIT INTERRUPTING (GFCI) RECEPTACLES. TEST ALL GROUNDING ELECTRODE SYSTEMS WITH FALL OF POTENTIAL METHOD. MAKE RESISTANCE MEASUREMENTS 48 HOURS AFTER LAST RAIN FALL. MAXIMUM RESISTANCE TO GROUND SHALL BE 5 OHMS.
21.	PRIOR TO PASSING FINAL INSPECTION, A THIRD PARTY CONTRACTOR SHALL PROVIDE EVIDENCE THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS. FUNCTIONAL TESTING SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE - ENERGY CONSERVATION 8TH EDITION (2023) - SECTIONS C408.3.1.1 AND C408.3.1.2 FOR THE APPLICABLE CONTROL TYPE.
22.	CONTRACTOR SHALL PROVIDE RECORD DOCUMENTS, DRAWINGS AND MANUALS TO OWNER WITHIN 30 DAYS AFTER SYSTEM ACCEPTANCE PER FLORIDA BUILDING CODE - ENERGY CONSERVATION 8TH EDITION (2023) - SECTIONS C405.5.4.
23.	PANELBOARDS SHALL BE SUPPLIED WITH BOLT-ON CIRCUIT BREAKERS. ALL BUSBARS, PHASE, NEUTRAL, GROUND IN PANELBOARDS SHALL BE TIN-PLATED ALUMINUM.

ELECTRICAL SHEET LIST - JIC	
Sheet Number	Sheet Name
E001C	ELECTRICAL NOTES, LEGENDS, & SCHEDULES
ED101C	ELECTRICAL DEMOLITION PLAN - JIC
E101C	ELECTRICAL LIGHTING RENOVATION PLAN - JIC
E501C	ELECTRICAL DETAILS - JIC



 1 Demolition Lighting Plan - JIC
1/8" = 1'-0"

GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE EXISTING CONDITIONS AND LAYOUTS ARE ACCURATE. EXISTING CONDITIONS ARE BASED ON FIELD OBSERVATIONS. THE CONTRACTOR SHALL CONTACT ENGINEER OF RECORD WITH ANY DISCEPANCIES PRIOR TO DISTURBING EXISTING INSTALLATION.
- CONTRACTOR SHALL RETAIN BREAKERS MADE SPARE BY DEMOLITION FOR CONNECTION OF NEW WORK UNLESS OTHERWISE NOTED.
- ELECTRICAL EQUIPMENT AND FIXTURES INDICATED TO BE REMOVED SHALL BE TURNED OVER TO OWNER FOR FIRST RIGHT OF REFUSAL.
- REMOVE ALL ELECTRICAL EQUIPMENT, DEVICES, AND CIRCUITING TO NEAREST POINT OF CONNECTION IN DEMOLITION AREAS UNLESS NOTED OTHERWISE. MAINTAIN EXISTING BREAKERS AND LABEL AS SPARE IN PANELBOARD INDEX.
- PROVIDE JUNCTION BOXES, CONDUIT, WIRED CABLE ETC AS REQUIRED TO MAINTAIN CONTINUITY TO EXISTING TO REMAIN POWER DEVICES, EQUIPMENT, ETC.
- CONTRACTOR SHALL TEST ALL CIRCUITS, GROUNDS, ETC. FOR CONTINUITY FOR ALL EQUIPMENT, DEVICES FIXTURES, ETC. SHOWN. PROVIDE CIRCUIT EXTENSIONS, CONDUIT, WIRE, ETC. AS REQUIRED FOR COMPLETE SYSTEM CONTINUITY.
- ALL ABANDONED OR UNUSED, WIRE, CABLING, CONDUIT, ETC SHALL BE REMOVED TO ORIGIN.

KEYNOTES

- ALL LIGHTING TO BE DEMOLISHED IN THIS AREA.
- FOR DEMOLISHED LIGHTING FIXTURES, DEMOLISH LIGHTING FIXTURES BACK TO SOURCE. PROPERLY DISPOSE OF ALL LAMPS IN A SAFE AND LEGAL MANNER FROM LIGHT FIXTURES. REMOVE ASSOCIATED LOCAL LIGHTING CONTROLS AS REQUIRED AND ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE. BREAKERS SHALL BE KEPT ON THE PANEL TO BE EITHER REUSED OR FOR SPARES. GENERAL CONTRACTOR SHALL PROVIDE A TYPED AND UPDATED PANEL SCHEDULE AND PERMANENTLY INSTALL ON PANEL.

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ELECTRICAL DEMOLITION PLAN - JIC

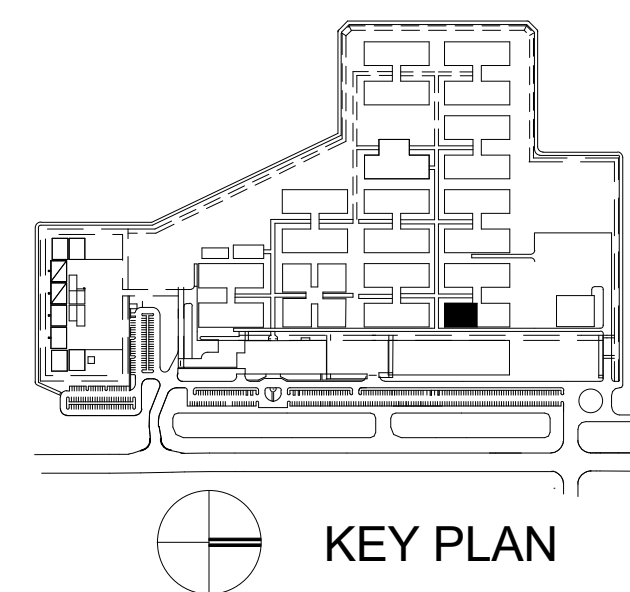
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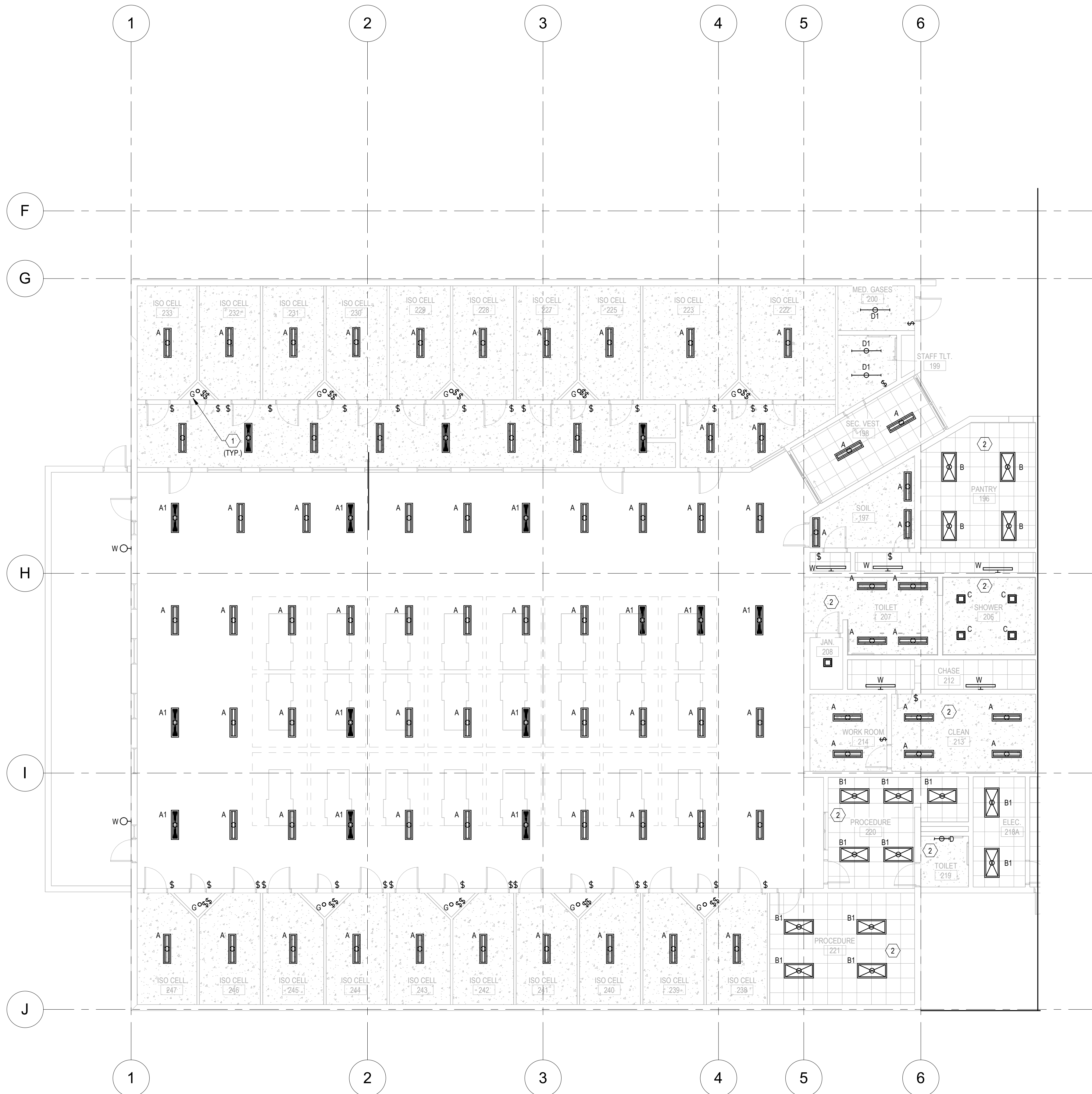
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24001.01

ED101C



1 Lighting Plan - JIC
1/8" = 1'-0"

LIGHTING CONTROL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFICATION OF ALL RATED WALLS, CEILINGS, SLABS, AND THEIR SPECIFIED RATING ON THE ARCHITECTURAL DRAWINGS. ALL DEVICES AND MATERIALS SHALL MEET THE UL RATING OF THE RATED WALLS, CEILINGS AND SLABS ASSEMBLY. CONTRACTOR SHALL PROVIDE AN ASSEMBLY, INSTALLED IN ACCORDANCE WITH UL WHERE NECESSARY.
- CONTRACTOR SHALL COORDINATE ANY WALL MOUNTED LIGHT FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
- ALL OCCUPANCY SENSOR CONTROLLED LOADS SHALL TURN OFF WITHIN 20 MINUTES OF THE OCCUPANT LEAVING THE ROOM.
- WHERE MULTIPLE SWITCHES ARE SHOWN AT THE SAME LOCATION, THEY SHALL BE GANGED TOGETHER WITH A COMMON GANG PLATE.
- ALL EXIT LIGHTS AND EMERGENCY BATTERY PACKS SHALL BE CONNECTED TO UNSWITCHED LEG OF THE LOCAL LIGHTING BRANCH CIRCUIT.
- ALL LIGHTING CONTROLS SHALL BE IN ACCORDANCE WITH 2020 FLORIDA BUILDING CODE, ENERGY CONSERVATION.
- PROVIDE DUAL TECH OCCUPANCY/VACANCY SENSORS IN ALL OFFICES, CORRIDORS, OPEN OFFICES, LOUNGES/BREAKROOMS, RESTROOMS, STORAGE ROOMS, AND ALL OTHER SPACES 300 SQUARE FEET OR LESS ENCLOSED BY FLOOR TO CEILING HEIGHT PARTITIONS. THIS EXCLUDES MECHANICAL ROOMS, ELECTRICAL ROOMS, TELECOMMUNICATION SPACES, AND OTHER AREA WHERE THE AUTOMATIC SHUT OFF OF LIGHTS WILL CAUSE A DANGER TO LIFE SAFETY.
- WHERE VACANCY SENSORS ARE REQUIRED, LIGHTS SHALL BE MANUAL ON, AUTOMATIC OFF. LIGHTS SHALL TURN OFF AUTOMATICALLY WITHIN 20 MINUTES OF THE SPACE BECOMING VACANT.
- WHERE OCCUPANCY SENSORS ARE REQUIRED, LIGHTS SHALL TURN ON TO FULL AUTOMATICALLY, TURN OFF AUTOMATICALLY WITHIN 20 MINUTES OF THE SPACE BECOMING UNOCCUPIED, AND SHALL HAVE A SWITCH FOR MANUAL OVERRIDE.
- CONTRACTOR SHALL PROVIDE QUANTITY OF SENSORS REQUIRED WITH PROPER COVERAGE PATTERN TO ACHIEVE REQUIRED LIGHTING CONTROL WITHIN THE SPACE.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FROM THE CONTROLS MANUFACTURER'S REPRESENTATIVE SHOWING LAYOUT, QUANTITY, COVERAGE PATTERNS, AND WIRING DIAGRAM OF COMPLETE SYSTEM.
- FOR CLARITY, ONLY VACANCY (VS) OR OCCUPANCY (OC) ARE SHOWN IN SPACES REQUIRING THAT MODE OF CONTROL.
- PROVIDE LOW VOLTAGE OVERRIDE DIMMING SWITCHES IN ALL SPACES REQUIRING VACANCY/OCCUPANCY SENSORS WITH CONTROL FUNCTION AS OUTLINED.
- PROVIDE ROOM CONTROLLERS AS REQUIRED TO INTERFACE ALL LIGHTS, SWITCHES, SENSORS, ETC. IN ALL SPACES SHOWN TO RECEIVE AUTOMATIC LIGHTING CONTROLS.
- EXTERIOR LIGHTING SHALL BE CONTROLLED BY PHOTOCELL ON/TIME CLOCK OFF. PROVIDE TIME CLOCK FOR CONTROLS. COORDINATE TIME OF DAY SCHEDULING WITH STATION REPRESENTATIVE.
- LIGHTING CONTROL SYSTEM SHALL BE A STAND ALONE NON-NETWORKED SYSTEM AS MANUFACTURED BY ACUITY. ALTERNATE APPROVED MANUFACTURERS ARE GREENGATE, WATTSTOPPER, AND HUBBELL.
- ALL AREAS WHERE INMATES ARE NORMALLY OCCUPIED, THESE AREAS ARE NOT REQUIRED TO HAVE ADDITIONAL AUTOMATIC LIGHTING CONTROL DUE TO ENDANGERMENT OF OCCUPANTS FOR THESE AREAS SHALL BE MANUAL ON AND MANUAL OFF AND LOCATED AT A SUPERVISED CENTRAL LOCATION IDENTIFIED BY THE OWNER. PROVIDE LOCK COVER AND KEYS AS REQUIRED BY OWNER.
- THE DESIGN INTENT IS TO REUSE EXISTING LIGHTING CIRCUITS MADE SPARE DURING DEMOLITION. CONTRACTOR SHALL UTILIZE THE CLOSEST SPARE BREAKER PREVIOUSLY SERVICING DEMOLISH LIGHTING FIXTURES.

KEYNOTES

- MOUNT FIXTURE ON CEILING, COORDINATE MOUNTING WITH PLUMBING PIPING.
- SHOWER, CLEAN ROOM, TOILET AND PANTRY TO BE CONTROLLED BY SWITCH FROM GUARD STATION.

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ELECTRICAL LIGHTING RENOVATION PLAN - JIC

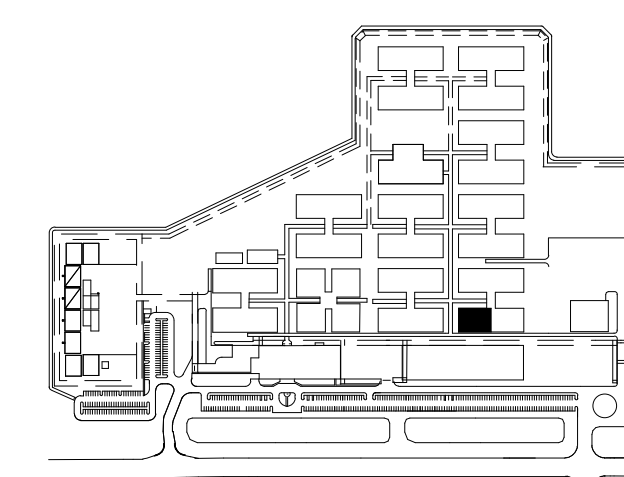
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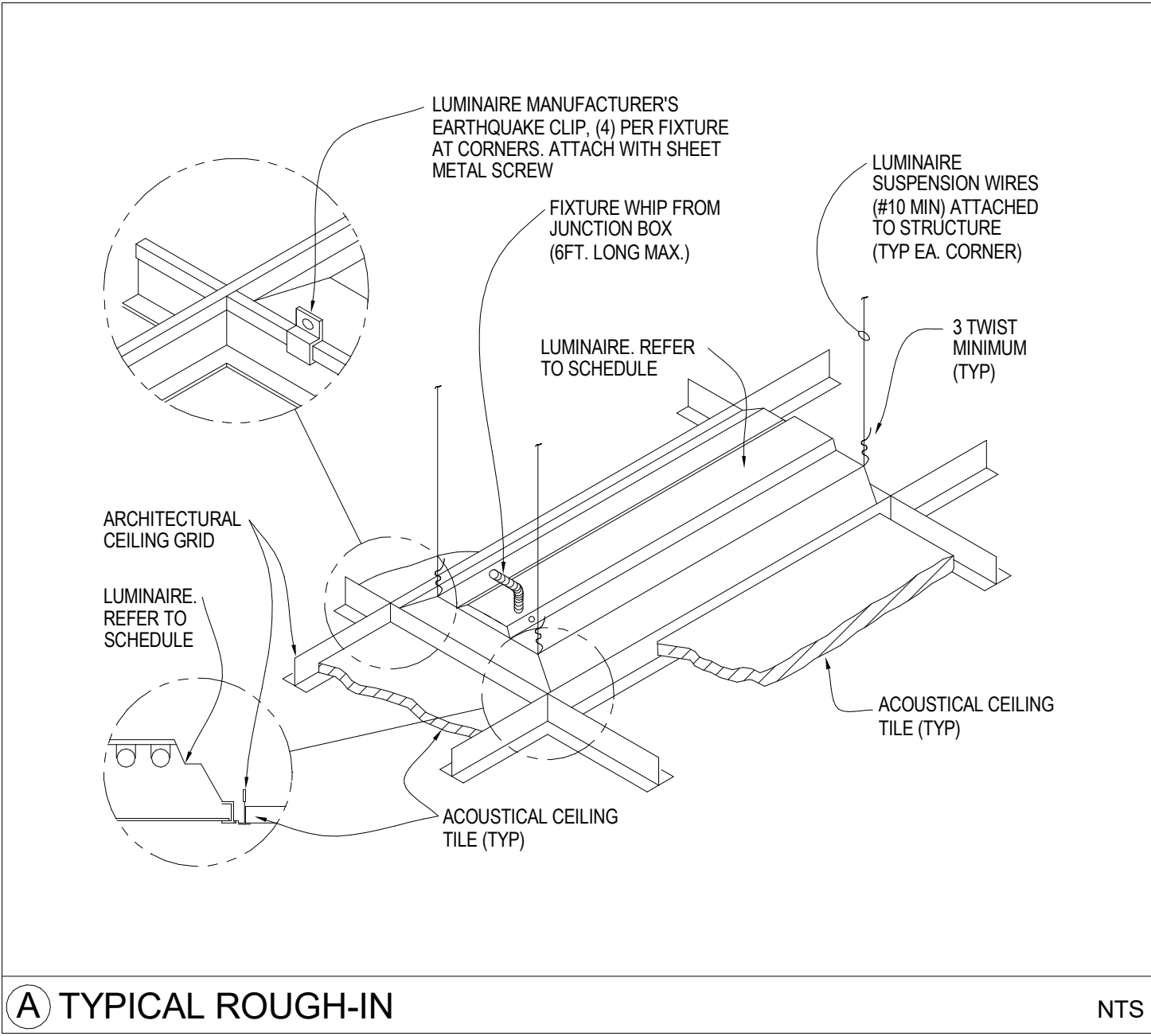
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KEY PLAN

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E101C



LIGHTING FIXTURE SCHEDULE									
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	TEMP	VOLTS	MOUNTING	REMARKS	BALLAST/ TRANSFORMER	INPUT WATTS
A	LUMINAIRE LED	VPF8 4FT MIN10 50W 40K MVOLT OP WHT	4' LIGATURE AND VANDAL RESISTANT, OPAL LENS, DIMMABLE	80CRI/4000K	UNV	SURFACE		0-10V/10%	50
A1	LUMINAIRE LED	VPF8 4FT MIN10 100W 40K MVOLT OP WHT	4' LIGATURE AND VANDAL RESISTANT, OPAL LENS, DIMMABLE	80CRI/4000K	UNV	SUSPEND 17'-0" AFF		0-10V/10%	100
B	LITHONIA	2BLT4 40L AD5M GZ10 LP840	2X4 TROFFER, SMOOTH REFLECTOR AND DIFFUSER, DIMMABLE	80CRI/4000K	UNV	RECESSED		0-10V/10%	30
B1	LITHONIA	2BLT4 30L AD5M GZ10 LP840 DGA	2X4 TROFFER, SMOOTH REFLECTOR AND DIFFUSER, DIMMABLE, DRYWALL ADPATERS	80CRI/4000K	UNV	RECESSED		0-10V/10%	22
B2	LITHONIA	2BLT2 20L AD5M GZ10 LP840	2X2 TROFFER, SMOOTH REFLECTOR AND DIFFUSER, DIMMABLE	80CRI/4000K	UNV	RECESSED		0-10V/10%	16
C	LUMINAIRE LED	RMQ Q11 H16CRSP D14CRSP MIN10 25W 40K MVOLT ALS 5ES WHT WL	13.5" X 13.5" RECESSED CONFINEMENT FIXTURE, LIGATURE RESISTANT, PRISMATIC ACRULIC LENS, WHITE FINISH, WET LOCATION	80CRI/4000K	UNV	RECESSED		0-10V/10%	25
W	LITHONIA	DSXF3 6 P3 50K 70CRI WFL MVOLT YKC62 DBLXD	FLOOD LIGHT, ADJUSTABLE HEAD, 24,000 LUMENS, WET LOCATION	70CRI/5000K	UNV	WALL		NO DIM	165
X	BEGHELLI	CRV-SA-LR-FACE-C-AL	EXIT SIGN, EDGE LIT, LED, RED LETTERS, SELF POWERED	LED	UNV	SURFACE		NO DIM	4
LIGHTING SCHEDULE NOTES: 1. ALL LAMPS SHALL BE 80+ CRI AND 4000K UNLESS NOTED OTHERWISE. 2. OTHER FIXTURES MAY BE SUBMITTED FOR APPROVAL UP TO 10 WORKING DAYS PRIOR TO BID DATE, TO ALLOW FOR PROPER EVALUATION. SUBMISSIONS WITHIN 10 WORKING DAYS PRIOR TO BID DATE WILL NOT BE EVALUATED. EQUIPMENT IS APPROVED THROUGH ADDENDUM ONLY.									

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GENERAL MECHANICAL SYMBOLS

REVISION NUMBER - SHOWN ON PLANS

POINT WHERE NEW CONNECTS TO EXISTING

LIMIT OF DEMOLITION

KEYNOTE

CONTINUATION SYMBOL

ROOM NAME AND NUMBER

ITEM TO BE DEMOLISHED

AREA NOT IN CONTRACT

PIPE SIZE TAG (DIAMETER)

ABOVE GROUND PIPING

PIPE SLOPE TAG

BELOW GROUND PIPING

PIPE INVERT ELEVATION TAG

EXISTING PIPE TAG

PIPING BEING DEMOLISHED

ABBREVIATIONS		
ABV	ABOVE	NIC
AAV	AIR ADMITTANCE VALVE	NO
AD	AREA DRAIN	NUMBER
AFF	ABOVE FINISHED FLOOR	NTS
BFF	BELOW FINISHED FLOOR	NOT TO SCALE
BLW	BELOW	PD
CLG	CEILING	PRESSURE DROP
CO	CLEAN OUT	PLBG
CW	COLD WATER	PLUMBING
D	DEGREE	PRV
DN	DOWN	RED
DOM	DOMESTIC	ROOF DRAIN
ET	EXPANSION TANK	REDUCER
EWC	ELECTRIC WATER COOLER	SF
EWT	ENTERING WATER TEMPERATURE	SAN
EXIST	EXISTING	SANITARY
F	FAHRENHEIT	SP
FCO	FLOOR CLEAN OUT	STATIC PRESSURE
FD	FLOOR DRAIN	TEMP
FL	FLOOR	TEMPERATURE
FS	FLOOR SINK	TYP
FT	FOOT/FEET	VENT
GPM	GALLONS PER MINUTE	VTR
GWH	GAS WATER HEATER	VENT THROUGH ROOF
HB	HOSE BIBB	WCO
HW	HOT WATER	WALL CLEAN OUT
IN	INCH	WH
LWT	LEAVING WATER TEMPERATURE	WALL HYDRANT

PLUMBING AND PIPING SYMBOLS

DCW

DOMESTIC COLD WATER

DHW

DOMESTIC HOT WATER

HWR

DOM. HOT WATER RECIRCULATION

SAN

SANITARY VENT

PIPE DROP

PIPE RISE

PIPE TEE

CAP

PIPE ACCESSORY TAGS

2\"/>

DOM. WM

2\"/>

DOMESTIC WATER METER

2\"/>

BALANCING

2\"/>

1/4 TURN BALL VALVE

2\"/>

CHECK VALVE

2\"/>

TMV

3-WAY MIXING VALVE

GATE VALVE

ANGLE HOSE VALVE

GLOBE VALVE

2\"/>

BUTTERFLY BUTTERFLY VALVE

LOCK SHIELD VALVE

SPRING CHECK VALVE

SWING GATE CHECK VALVE

TEMP PRESSURE RELIEF VALVE

DRAIN TAGS

DRAIN SIZE

4\"/>

FD-1

TYPE (SEE SCHEDULE)

4\"/>

AD-6

AREA DRAIN

FLOOR DRAIN

4\"/>

FD-3P

1\"/>

INDICATES PRIMER CONNECTION

FLOOR SINK

4\"/>

FS-4

HUB DRAIN

4\"/>

FD-13

6 DFI

FIXTURE UNITS

PLUMBING FIXTURE TAGS

TYPE (SEE SCHEDULE)

WATER CLOSET - WALL HUNG - ADA

WC-1A

WC-1

LAV-1A

1 DFI

0.75 CWFU

0.75 HWFU

FIXTURE UNITS

4\"/>

WCO

PIPE ACCESSORY TAG

NOTE

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

PLUMBING NOTES

- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: THE 2023 FLORIDA PLUMBING CODE, WHERE CONFLICTS OCCUR BETWEEN CODES, OR BETWEEN CONSTRUCTION DOCUMENTS AND CODES, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN.
- REVIEW PLANS OF ALL TRADES PRIOR TO BIDDING AND BEGINNING WORK. INSTALLATIONS ARE TO BE COMPLETED FOR COMPLETE SYSTEMS SHOWN ON THE PLANS AND AS REQUIRED.
- COORDINATE WITH OTHER TRADES TO PREVENT INTERFERENCE WITH HVAC DUCTS, STRUCTURE, ELECTRICAL, LIGHTING, AND OTHER PIPING IN THE CEILING SPACE. VENT PIPING AND WATER PIPING SHALL BE HELD EITHER ABOVE OR BELOW HVAC DUCTWORK, AS COORDINATED WITH THE HVAC CONTRACTOR.
- ALL CHANGES SHALL BE REVIEWED BY THE ARCHITECT.
- COORDINATE WITH ARCHITECTURAL DRAWINGS BEFORE ROUGH-IN PLUMBING FIXTURES AND EQUIPMENT SUPPLIES.
- THE PLUMBING SUBCONTRACTOR SHALL FURNISH AND INSTALL ALL PLUMBING FIXTURES, UNLESS NOTED OTHERWISE.
- VERIFY MOUNTING HEIGHT AND WATER CONNECTION SIZES OF ALL PLUMBING FIXTURES PRIOR TO ROUGH-IN. FURNISH CUT-OUT TEMPLATES, FOR PLUMBING FIXTURES TO BE INSTALLED IN MILLWORK, TO THE GENERAL CONTRACTOR.
- MAKE PROPER HOT AND COLD WATER, WASTE AND VENT PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT EVEN THOUGH ALL FITTINGS AND CONNECTIONS ARE NOT SHOWN ON DRAWINGS.
- VERIFY LOCATION OF WATER SERVICE AND THE LOCATION/INVERTS OF SANITARY PIPING PRIOR TO INSTALLATION.
- CUT AND PATCH CONCRETE AS REQUIRED.
- IT IS NOT THE INTENT OF THESE DRAWINGS TO COVER ALL WORK AND MATERIAL. ANY EQUIPMENT, PLUMBING FIXTURE, TRIM HARDWARE AND/OR DEVICES USUALLY UTILIZED IN THE CLASS OF WORK, THOUGH NOT SPECIFICALLY MENTIONED OR SHOWN ON THESE DRAWINGS, BUT WHICH MAY BE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK (AS DETERMINED BY THE ARCHITECT) SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AS PART OF HIS TOTAL WORK.
- THE EQUIPMENT ROUGH-IN ITEMS AND THEIR DIMENSIONED LOCATIONS FOR ALL CONNECTIONS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE. IN SOME INSTANCES THE OWNER OR SUPPLIER MAY MAKE SUBSTITUTIONS OR EQUIPMENT ITEMS MAY VARY FROM WHAT IS SHOWN. THEREFORE, THESE ITEMS AND DIMENSIONS SHALL BE VERIFIED WITH THE EQUIPMENT SUPPLIER, OWNER AND/OR EQUIPMENT ROUGH-IN DRAWING. FAILURE OF THE APPROPRIATE CONTRACTOR TO VERIFY ROUGH-INS OR THEIR LOCATIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION AND/OR ADDITIONAL ROUGH-INS DIRECTLY UPON THAT CONTRACTOR.
- CONTRACTOR SHALL SUPPLY TO THE ARCHITECT/ENGINEER THE REQUIRED COPIES OF SHOP DRAWINGS FOR APPROVAL SO THE QUALITY OF INTENDED MATERIALS OR EQUIPMENT CAN BE REVIEWED BEFORE INSTALLATION. THERE WILL BE NO INSTALLATION UNTIL SHOP DRAWINGS HAVE BEEN SUBMITTED AND REVIEWED BY THE ARCHITECT/ENGINEER.
- DO NOT SCALE THIS DRAWING. REFER TO ARCHITECTURAL FLOOR PLAN FOR BUILDING DIMENSIONS.
- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DESIGNED AROUND BASIS OF DESIGN PRODUCTS WHICH HAVE ESTABLISHED THE PERFORMANCE CRITERIA FOR THIS PROJECT. PRODUCTS SUBMITTED BY THE CONTRACTOR MAY BE ARRANGED DIFFERENTLY AND THE PRODUCTION OF CONTRACTOR COORDINATED DRAWINGS IS REQUIRED TO BE SUBMITTED PRIOR TO THE START OF CONSTRUCTION. THESE DIAGRAMMATIC DRAWINGS DO NOT NECESSARILY SHOW ALL ELBOWS, OFFSETS, UNIONS, VALVES, FITTINGS, AND ACCESSORIES REQUIRED TO COMPLETE THE INSTALLATION OF WORK. THE SUBMISSION OF A PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED THEMSELVES WITH THE PLANS AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD PROPER EXAMINATION BEEN MADE.
- VERIFY SERVICE POINTS AND METERING LOCATIONS FOR PROJECTS WITH LOCAL UTILITIES AND/OR LANDLORD (DOMESTIC WATER, SANITARY SEWER, GAS, ETC.).
- THE CONTRACTOR SHALL COOPERATE FULLY AMONG ALL TRADES.
- ALL ROOF PENETRATIONS FOR ROOF DRAINS AND PLUMBING SHALL BE MADE IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURER'S GUIDELINES. COORDINATE WITH ARCHITECTURAL DETAILS AND/OR MANUFACTURER FOR ROOF SYSTEM USED.
- ALL PLUMBING VENTS IN EXTERIOR WALLS SHALL BE OFFSET A MINIMUM OF 3'-0" BEFORE ROOF PENETRATION.
- INSTALL 1" INSULATION WITH ALL-SERVICE JACKET ON ALL ROOF LEADERS ABOVE CEILING.
- INSTALL PLENUM RATED INSULATION WRAP ON ALL PLASTIC VENT, SANITARY AND STORM PIPING LOCATED WITHIN A RETURN AIR PLENUM.
- PLUMBING CONTRACTOR SHALL VERIFY WITH THE LOCAL HEALTH DEPARTMENT AND/OR WATER COMPANY AS TO THE METER AND VALVING ARRANGEMENTS OF THE DOMESTIC WATER SERVICE LINE WHICH ENTERS THE BUILDING. SHOULD A BACKFLOW PREVENTER ASSEMBLY AND/OR PRESSURE REDUCING VALVE ASSEMBLY BE REQUIRED, PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL AS REQUIRED PER LOCAL AND STATE REQUIREMENTS. THE BACKFLOW ASSEMBLY SHALL BE A "WATTS" SERIES #909 OR APPROVED EQUAL, MEETING ASSE STANDARDS 1013, 1015, & 1020. IF BACKFLOW PREVENTER IS REQUIRED, PROVIDE PROPERLY SIZED THERMAL EXPANSION TANK IN SUPPLY PIPING OF WATER HEATER. IF WATER PRESSURE IS 65 PSI OR ABOVE, THE PRESSURE REDUCING VALVE ASSEMBLY SHALL BE A "WATTS" SERIES #905 SET AT 50 PSI DELIVERY PRESSURE, UNLESS OTHERWISE NOTED.
- THE POTABLE WATER SUPPLY SHALL BE PROTECTED AGAINST BACKFLOW AND SIPHONAGE, BOTH NATURAL AND INDUCED. ALL EQUIPMENT CONNECTED TO THE POTABLE WATER SYSTEM BEING CAPABLE OF POLLUTING OR CONTAMINATING THE POTABLE WATER DISTRIBUTION SYSTEM OR ANY PART THEREOF BY MEANS OF A REVERSAL OF FLOW, PRESSURE DROP, PRESSURE LOSS, INDUCED VACUUM, OR BY INJECTION BECAUSE OF ANY PRIMARY OR AUXILIARY PUMPING SYSTEM CONNECTED, MUST BE ISOLATED AND CONTAINED BY MEANS OF APPROVED BACKFLOW DEVICES, CHECK VALVES, AIR GAPS, OR VACUUM BREAKERS. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THESE DEVICES PER LOCAL CODE REQUIREMENTS.
- THE WATER PIPING SYSTEM SHALL BE FLUSHED AND STERILIZED IN ACCORDANCE WITH LOCAL REGULATIONS.
- HOT AND COLD WATER SUPPLY BRANCHES FOR ALL SYSTEMS HAVING QUICK CLOSING VALVES OF ANY TYPE SHALL HAVE WATER HAMMER ARRESTORS INSTALLED AT THE HIGH POINT ON THE END OF EACH BRANCH AND AS REQUIRED.
- ALL PIPES HANGING FROM SINGLE VERTICAL RODS / HANGERS SHALL NOT MOVE OR SWAY DURING OPERATION. SUITABLE LATERAL SUPPORTS OR BRACING SHALL BE USED TO PREVENT SWAY OR MOVEMENT.
- PROVIDE SHUTOFF BALL VALVES AND DIELECTRIC UNIONS FOR ALL EQUIPMENT HOT AND COLD WATER LINES. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR EXACT REQUIREMENTS.

PLUMBING NOTES

- VERIFY MOUNTING HEIGHTS OF ALL BARRIER FREE FIXTURES WITH ARCHITECTURAL PLANS.
- PROVIDE COPPER INDIRECT WASTE PIPING REQUIRED FROM EQUIPMENT TO FLOOR DRAINS, OPEN RECEPTACLES, OR FLOOR SINKS. PIPING SHALL COMPLY WITH STATE AND LOCAL CODES. COORDINATE WITH ALL EQUIPMENT SUPPLIERS AND SIZES AS REQUIRED BY PIECE OF EQUIPMENT SERVED. HOLD PIPING TIGHT TO WALL WHERE APPLICABLE. PROPERLY SECURE AS REQUIRED. COORDINATE WITH CASEWORK SUPPLIER FOR MAXIMUM CLEARANCE UNDER CABINETS.
- PROVIDE CHROME PLATED ESCUTCHEONS AT ALL WALL PENETRATIONS.
- INSTALL STORM AND CONDENSATE PIPING WITH A MINIMUM SLOPE OF 1/8" PER FOOT UNLESS OTHERWISE REQUIRED. CONTRACTOR IS RESPONSIBLE FOR PROPER DRAINAGE OF ALL SYSTEMS.
- INSTALL SANITARY PIPING LESS THAN 3" WITH A MINIMUM SLOPE OF 1/4" PER FOOT. 3" TO 6" WITH A MINIMUM SLOPE OF 1/8" PER FOOT. GREATER THAN 6" WITH A MINIMUM SLOPE OF 1/16" PER FOOT. CONTRACTOR IS RESPONSIBLE FOR PROPER DRAINAGE OF ALL SYSTEMS.
- ALL FLOOR DRAINS ARE TO BE PROVIDED WITH MINIMUM 3" DRAIN LINES, DEEP SEAL TRAPS, AND AUTOMATIC TRAP PRIMERS. TRAP PRIMERS SHALL BE LOCATED IN A SERVICEABLE LOCATION AND INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. HOLD TOP OF FLOOR DRAINS FLUSH WITH FINISHED FLOOR; SEE ARCHITECTURAL SHEETS FOR FLOOR SLOPES AND PROPER FINISHED FLOOR ELEVATION.
- ALL VENT PIPE TO BE COMPATIBLE WITH STRUCTURE, MECHANICAL EQUIPMENT, DUCTWORK, ELECTRICAL EQUIPMENT, AND LIGHTING. ALL VTR'S SHALL BE EXTENDED TO A MINIMUM OF 2' ABOVE PARAPET HEIGHT AND MAINTAINED 10'-0" MINIMUM FROM ALL OUTSIDE AIR INTAKES.
- MATERIALS, EQUIPMENT, ASSEMBLIES AND SYSTEMS SHALL MEET ALL PERTINENT REQUIREMENTS OF NATIONALLY RECOGNIZED TESTING ORGANIZATIONS SUCH AS UL, ASTM, ASSE, AWWA, AGA AND NFPA AS WELL AS THE MOST CURRENT ADOPTED VERSION OF THE STATE AND LOCAL CODES.
- ALL INSTALLED SYSTEMS, DEVICES AND RELATED ITEMS SHALL BE TESTED IN PLACE. REPLACE ANY AND ALL CONTRACTOR SUPPLIED DEFECTIVE DEVICES, ITEMS, OR SYSTEMS AT CONTRACTOR'S EXPENSE, BEFORE COMPLETION OF PROJECT.
- WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OR NATURE OF WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO SUCH CHANGES MAY BE MADE WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- ALL EQUIPMENT, FIXTURES AND MATERIALS SHALL BE NEW AND UNUSED, AND INSTALLED IN STRICT CONFORMANCE TO MANUFACTURER'S RECOMMENDATIONS (UNLESS OTHERWISE NOTED). PROVIDE COMPLETE WITH ALL TRIM, STOPS, HANGERS, CARRIERS, SUPPORTS, ETC., INCLUDING PROVISIONS FOR BARRIER FREE USE, IF REQUIRED. WHERE FIXTURES ARE ACCESSIBLE THEY MUST COMPLY WITH ALL FEDERAL ADA REGULATIONS.
- CONTRACTOR SHALL GUARANTEE ALL WORK FOR WHICH MATERIALS ARE FURNISHED, FABRICATED, FIELD ERRECTED, ALL FACTORY ASSEMBLED EQUIPMENT FOR WHICH NO SPECIFIC MANUFACTURER'S GUARANTEE IS FURNISHED, AND ALL WORK IN CONNECTION WITH INSTALLATION OF MANUFACTURER'S GUARANTEED EQUIPMENT. THE CONTRACTOR'S GUARANTEE SHALL LAST ONE YEAR FROM THE FINAL OWNER ACCEPTANCE OF THE WORK AND SHALL APPLY TO ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF ANY KIND.
- ALL FAUCET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND NOT REQUIRE TIGHTGRASPING.
- ALL BARRIER FREE WATER CLOSET CONTROLS SHALL BE LOCATED ON UNIT TOWARDS WIDE SIDE OF STALL. VERIFY IF RIGHT OR LEFT SIDE LOCATION.

PLUMBING ACCESSORIES

FD: FLOOR DRAIN - ZURN ZN415B-P-VP; 6" CAST-IRON FLOOR DRAIN BODY AND COLLAR, 3" THREADED DRAIN OUTLET WITH 3" DEEP SEAL P-TRAP, 1/2" TRAP, SEAL PRIMER CONNECTION WITH PRESSURE ACTIVATED TRAP PRIMER VALVE. PROVIDE WITH VANDAL-PROOF SECURED TOP.

TRAP PRIMER - ZURN Z1022 SANI-GUARD; CONNECT TO CW WITH VALVE, EXTEND TRAP PRIMER TO FLOOR DRAIN AS REQUIRED. 1/2" CW.

DEEP SEAL TRAP - ZURN Z1000; DURA-COATED CAST IRON BODY WITH BOTTOM BRONZE CLEANOUT PLUG. 3" PIPE SIZE.

REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS WITH EITHER A TRAP PRIMER CONNECTION OR DEEP SEAL P-TRAP.

FCO: FLOOR CLEANOUT - ZURN ZN1400-K; CAST-IRON ADJUSTABLE HOUSING FLOOR CLEANOUT; RAISED, TAPERED THREAD BRONZE CLOSURE PLUG; NEOPRENE RUBBER GASKET; NICKEL-BRONZE ROUND SCORATED TOP COVER; INSIDE CAULK OUTLET, SAME SIZE AS CONNECTED DRAINAGE PIPING; ASME A112.36.2M.

GCO: GRADE CLEANOUT - ZURN ZN1400-HD; CAST-IRON ADJUSTABLE HOUSING CLEANOUT FERRULE; RECESSED, TAPERED THREAD, BRONZE CLOSURE PLUG; NEOPRENE RUBBER GASKET; SAME SIZE AS CONNECTED DRAINAGE PIPING; INSTALL IN 24" X 24" X 12" DEEP CONCRETE PAD FLUSH WITH GRADE; ASME A112.36.2M. INSTALL END-OF-LINE CLEANOUT WITH LONG SWEEP ELBOW; INSTALL 2-WAY CLEANOUT WITH 2-WAY CLEANOUT FITTING.

PCO: PINNED CLEANOUT - ACORN PC; 2-1/2" NPT BRASS CLEAN-OUT PLUG. PERMANENT 5/32" STAINLESS STEEL PIN.

GENERAL NOTES

- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATIVE OF WORK TO BE PROVIDED (FURNISHED AND INSTALLED) UNDER THIS CONTRACT. DRAWINGS SHOULD NOT BE SCALED.
- THE CONTRACTOR IS RESPONSIBLE TO EXAMINE THE EXISTING CONDITIONS UNDER WHICH THEY SHALL OPERATE AND VERIFY THE EXTENT OF WORK REQUIRED TO COMPLETE THE WORK UNDER THIS CONTRACT.
- PRIOR TO ORDERING AND FABRICATING ANY EQUIPMENT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE PHYSICAL CONDITIONS AT THE PROJECT SITE AND VERIFY SPACE AND SUFFICIENT CLEARANCES ARE AVAILABLE FOR INSTALLING EQUIPMENT, DUCTWORK, PIPING, AND APPURTENANCES, AND TO DETERMINE ANY NECESSARY MODIFICATIONS.
- PERFORM ALL WORK IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, REGULATIONS, AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION. IF CONFLICTS EXIST BETWEEN THESE ENGINEERING DOCUMENTS AND CODES, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
- ALL CONSTRUCTION WORK SHALL ALSO MEET THE FOLLOWING CODE REQUIREMENTS:
 - FLORIDA BUILDING CODE (FBC) 2023
 - FLORIDA EXISTING BUILDING CODE 2023
 - FBC MECHANICAL 2023
 - FBC PLUMBING 2023
 - FBC ENERGY CONSERVATION 2023
 - FLORIDA FIRE PREVENTION CODE 2023
 - NFPA 1-2021, THE UNIFORM FIRE CODE
 - NFPA 101-2021, THE LIFE SAFETY CODE
 - NFPA 518-2019, STANDARD FOR FIRE PREVENTION DURING WELDING, CUTTING AND OTHER HOT WORK
 - NFPA 13-2019, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
 - NFPA 70-2020, NATIONAL ELECTRICAL CODE
 - NFPA 99A-2021, STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTING SYSTEMS
 - NFPA 241-2019, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS.
- CONTRACTOR SHALL COORDINATE AND SEQUENCE DEMOLITION, CLEANING, AND CONSTRUCTION WORK.
- CONTRACTOR SHALL NOTE ANY SPECIAL REQUIREMENTS FOR INSTALLATION OF WORK UNDER THIS CONTRACT. DISMANTLE AND REASSEMBLE EQUIPMENT AS NECESSARY FOR ENTRY INTO THE BUILDING AND THE LOCATION OF INSTALLATION.
- THE CONTRACTOR SHALL MAINTAIN A COMPLETE PROJECT SCHEDULE AND SHALL UPDATE THIS SCHEDULE WEEKLY. ANY CHANGES SHALL BE NOTED AND AN UPDATED SCHEDULE SHALL BE PROVIDED TO THE OWNER.
- ALL PERMITS, FEES, TAXES, ETC SHALL BE PAID BY CONTRACTOR AS PART OF THE TOTAL PROJECT COST.
- MAINTAIN THE INTEGRITY OF ALL FIRE AND SMOKE RATED WALLS, PARTITIONS, CEILINGS, AND FLOORS. SEAL ALL PENETRATIONS THROUGH RATED ASSEMBLIES WITH FIRESTOP MATERIAL IN ACCORDANCE WITH U.L. REQUIREMENTS TO MAINTAIN THE ASSEMBLY RATING.
- CONTRACTOR SHALL FURNISH U.L. APPROVED DRAWINGS FOR EACH TYPE OF FIRE AND SMOKE RATED ASSEMBLY PENETRATION BY DUCTS, PIPES, OR CONDUITS, AND SHALL DISPLAY THESE DRAWINGS ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL REFER TO ALL DETAILS FOR PROPER GUIDANCE.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND EQUIPMENT SUBMITTALS FOR ALL PRODUCTS USED ON PROJECT.
- THE ENGINEER'S APPROVAL OF SUBMITTAL DATA SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE REQUIREMENTS OF CONTRACT DOCUMENTS UNLESS THE CONTRACTOR HAS RECEIVED WRITTEN APPROVAL FROM THE ENGINEER TO THE SPECIFIC DEVIATION. THE ENGINEER'S APPROVAL OF SUBMITTAL DATA SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN HIS OR HER SUBMITTAL DATA.
- THE CONTRACTOR IS REQUIRED TO SUBMIT THREE COMPLETE O&M MANUALS IN THREE RING BINDERS AT SUBSTANTIAL COMPLETION. MANUALS SHALL INCLUDE INSTALLATION AND MAINTENANCE DATA ON ALL NEW EQUIPMENT AND MATERIALS, CERTIFIED TECHNICAL PRODUCT DATA, EQUIPMENT SHOP DRAWINGS, SPARE PARTS DATA, ETC. PROVIDE AN INDEX AND ASSOCIATED DIVIDERS.
- CLOSE OUT DOCUMENTS: THE CONTRACTOR IS TO MAINTAIN ONE SET OF CONSTRUCTION DRAWINGS ON SITE AND KEEP CURRENT WITH MARK UP AS-BUILT CONDITIONS DURING CONSTRUCTION OF THE PROJECT. THIS SET IS TO INCLUDE ALL CONTRACT CHANGES, MODIFICATIONS AND CLARIFICATIONS. THIS SET ALONG WITH ALL SHOP DRAWINGS SHALL BE TURNED OVER TO THE ARCHITECT/ENGINEER AFTER CONSTRUCTION COMPLETION.
- IT IS THE RESPONSIBILITY OF ALL BIDDERS TO THOROUGHLY REVIEW AND UNDERSTAND ALL CONSTRUCTION DOCUMENTS. THIS INCLUDES BUT IS NOT LIMITED TO ALL DRAWINGS, SPECIFICATION SECTIONS, ETC. THE DRAWINGS ARE SCHEMATIC IN NATURE. THEREFORE BEFORE STARTING ANY WORK, THE CONTRACTOR SHALL REVIEW ALL OTHER CONSTRUCTION DOCUMENTS, VERIFY FIELD CONDITIONS AND SHALL MAKE ANY REQUIRED MINOR ADJUSTMENTS WITHOUT EXTRA COST TO THE OWNER. ANY MAJOR DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. THE BASE BID SHALL REFLECT THE TOTAL COST OF NEW EQUIPMENT INSTALLATION. THIS INCLUDES LABOR, EQUIPMENT AND MATERIALS. NO CHANGE ORDERS SHALL BE ISSUED WITHOUT WRITTEN CONSENT AND APPROVAL FROM ENGINEER AND ARCHITECT.

PLUMBING SHEET LIST - JIC

Sheet Number	Sheet Name
P001C	PLUMBING NOTES, LEGENDS & SCHEDULES - JIC
PD101C	PLUMBING DEMOLITION PLAN - JIC
P101C	PLUMBING RENOVATION PLAN - JIC
P401C	PLUMBING ENLARGED PLANS - JIC
P501C	PLUMBING DETAILS - JIC
P901C	SANITARY & VENT ISOMETRIC - JIC

DRAWN BY: PBL
REVIEW BY: NPS

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24001.01

P001C

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TAMPA, FLORIDA 33619

PLUMBING NOTES, LEGENDS & SCHEDULES - JIC

THE

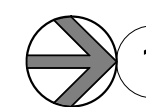
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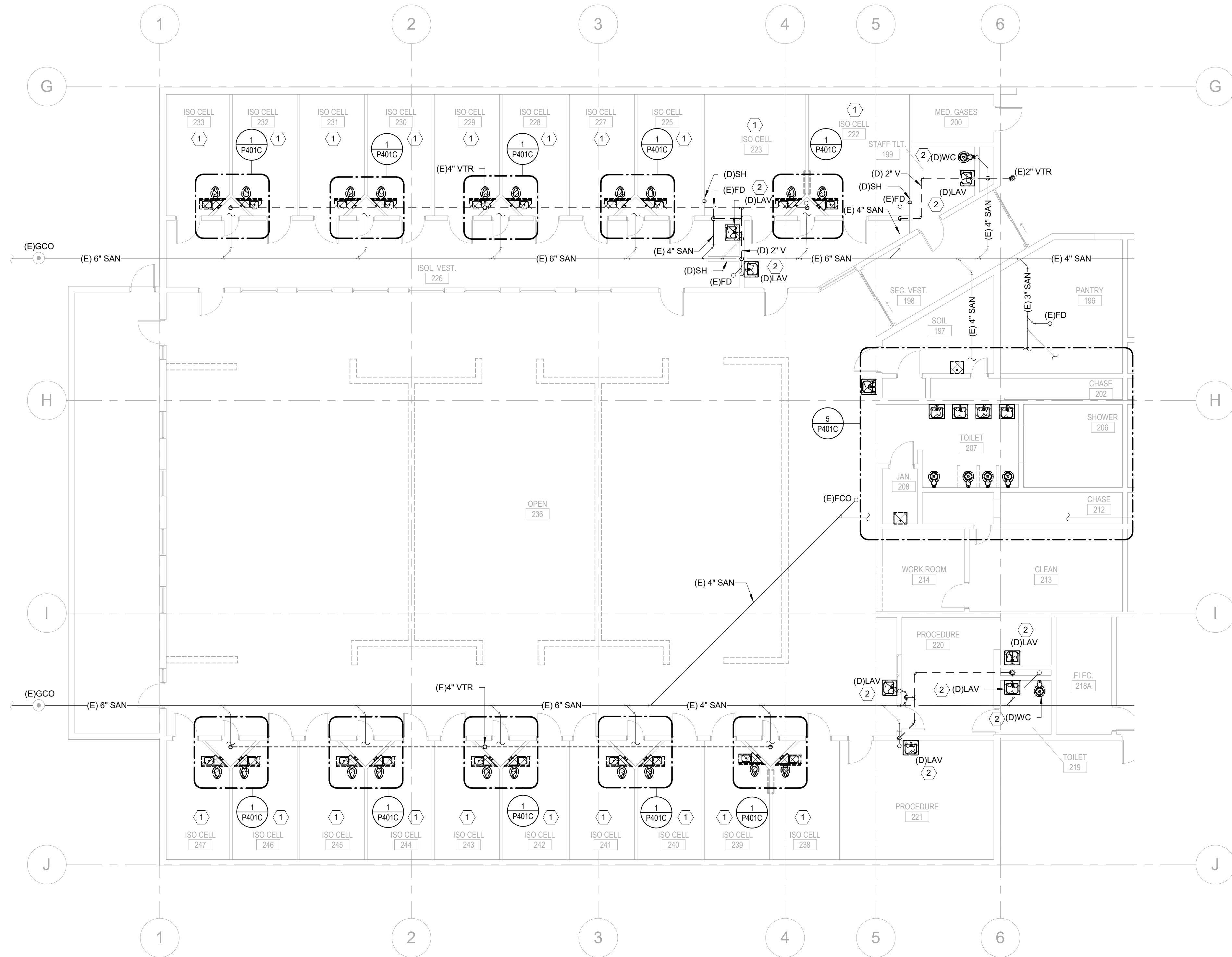
GROUP

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1 PLUMBING DEMOLITION PLAN - JIC

1/8" = 1'-0"



#

KEYNOTES

- 1 EXISTING PLUMBING FIXTURES LOCATED IN EXISTING CELL SPACE SHALL BE DEMOLISHED AND REPLACED WITH NEW STAINLESS STEEL COMBINATION TOILET LAVATORY FIXTURE (WC-1). CONTRACTOR SHALL ALTER PLUMBING PIPING IN ADJACENT CHASE AS REQUIRED FOR CONNECTIONS TO NEW PLUMBING FIXTURE.
- 2 REMOVE AND PROPERLY DISPOSE OF EXISTING PLUMBING FIXTURES. PREPARE EXISTING PIPING FOR RECONNECTION. TEMPORARILY CAP EXISTING SANITARY, VENT, AND DOMESTIC WATER PIPING FOR REUSE. REFER TO PLUMBING RENOVATION PLAN FOR ADDITIONAL INFORMATION.

PLUMBING GENERAL NOTES

- A. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT SHOW ALL ELBOWS, OFFSETS, UNIONS, VALVES, OR FITTINGS REQUIRED TO COMPLETE INSTALLATION.
- B. EXISTING CONDITIONS ARE BASED ON FIELD OVSERVATIONS AND 'AS-BUILT' DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND REPORT DISCREPANCIES TO ENGINEER PRIOR TO DISTURBING EXISTING INSTALLATION.
- C. CONTRACTOR SHALL FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AFFECTED.
- D. ALL EXISTING PIPING TO BE REUSED SHALL BE PRESSURE TESTED, THOROUGHLY CLEANED, AND SANITIZED TO AVOID POSSIBLE CONTAMINATION.
- E. PLUMBING CONTRACTOR SHALL ENSURE NO DEAD LEGS ARE LEFT IN ANY PIPING WITHIN THE AREA OF WORK.
- F. ALL EXISTING PLUMBING FIXTURES (WATER CLOSETS, LAVATORIES, SINKS, SHOWERS, MOP SINKS, AND COMBINATION TOILET LAVATORIES) SHALL BE DEMOLISHED AND REPLACED WITH NEW PLUMBING FIXTURES. ALL EXISTING FLOOR DRAINS AND FLOOR SINKS SHALL REMAIN.
- G. ALL ABOVE-GRADE, CAST-IRON SANITARY AND VENT PIPING SHALL BE DEMOLISHED AND REPLACED WITH SCHEDULE 40 PVC PIPING.

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PLUMBING DEMOLITION PLAN - JIC

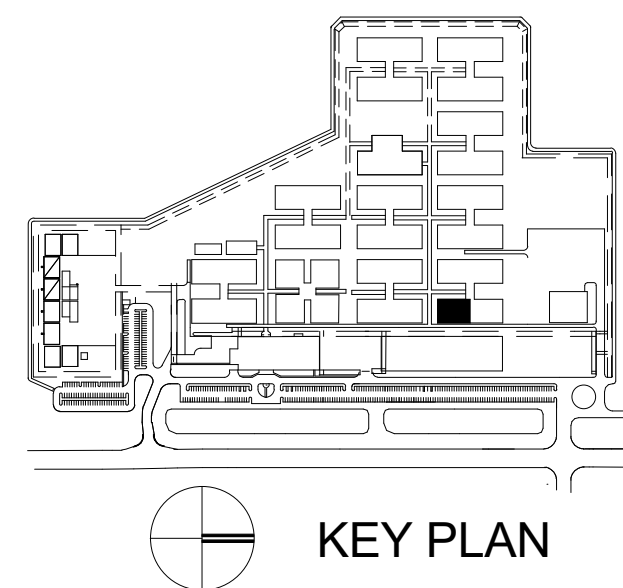
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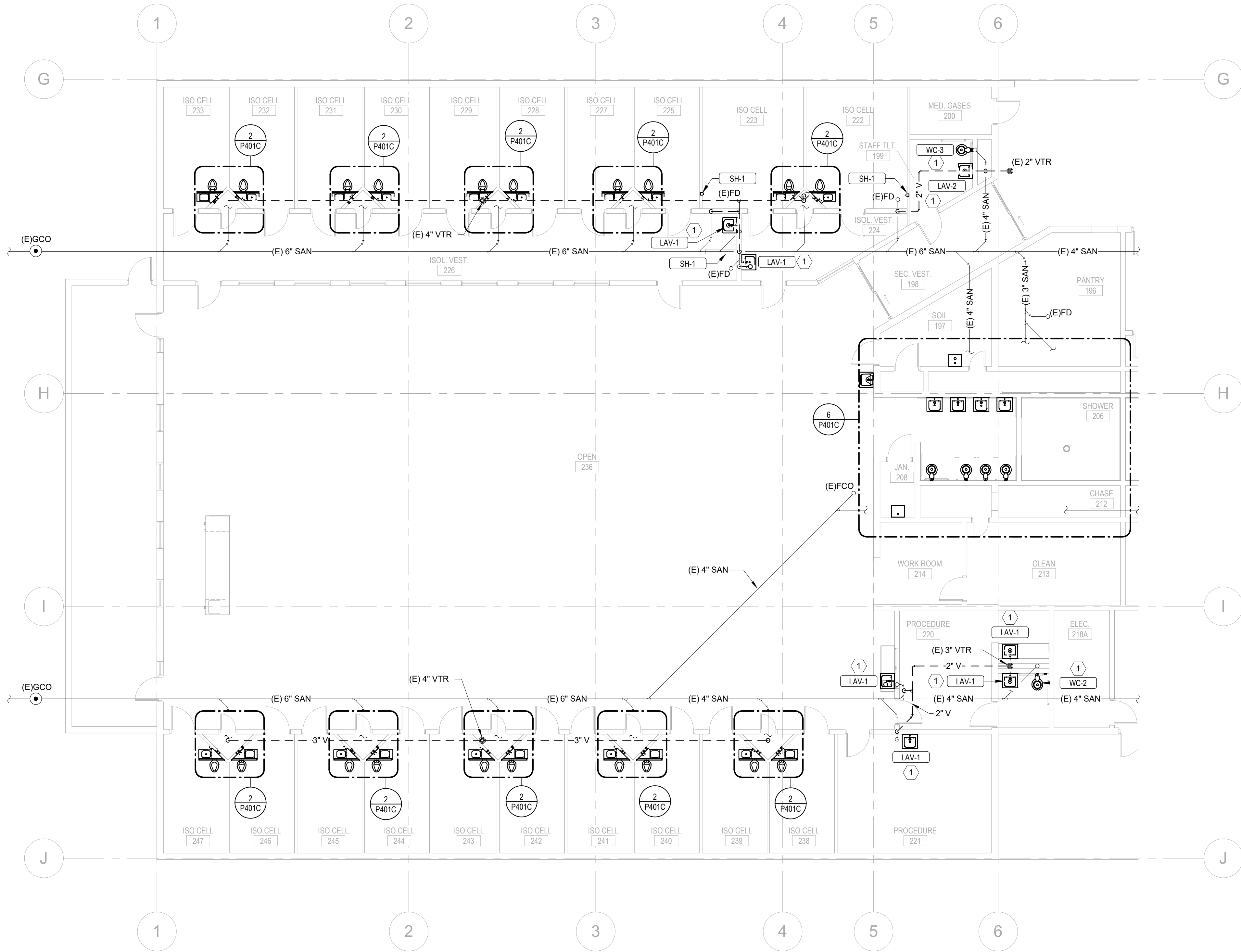


KEY PLAN

24001.01

PD101C

1 PLUMBING RENOVATION PLAN - JIC
1/8" = 1'-0"

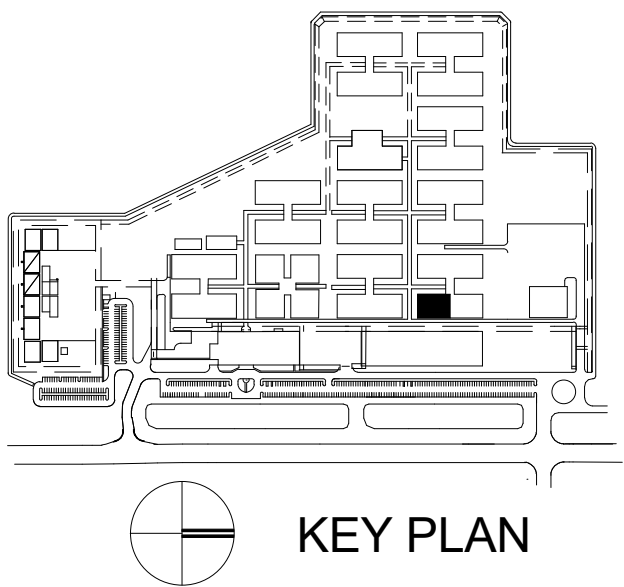


PLUMBING GENERAL NOTES

- A. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT SHOW ALL ELBOWS, OFFSETS, UNIONS, VALVES, OR FITTINGS REQUIRED TO COMPLETE INSTALLATION.
- B. EXISTING CONDITIONS ARE BASED ON FIELD OVSERVATIONS AND 'AS-BUILT' DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND REPORT DISCREPANCIES TO ENGINEER PRIOR TO DISTURBING EXISTING INSTALLATION.
- C. CONTRACTOR SHALL FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AFFECTED.
- D. ALL EXISTING PIPING TO BE REUSED SHALL BE PRESSURE TESTED, THOROUGHLY CLEANED, AND SANITIZED TO AVOID POSSIBLE CONTAMINATION.
- E. PLUMBING CONTRACTOR SHALL ENSURE NO DEAD LEGS ARE LEFT IN ANY PIPING WITHIN THE AREA OF WORK.
- F. ALL EXISTING PLUMBING FIXTURES (WATER CLOSETS, LAVATORIES, SINKS, SHOWERS, MOP SINKS, AND COMBINATION TOILET LAVATORIES) SHALL BE DEMOLISHED AND REPLACED WITH NEW PLUMBING FIXTURES. ALL EXISTING FLOOR DRAINS AND FLOOR SINKS SHALL REMAIN.
- G. ALL ABOVE-GRADE, CAST-IRON SANITARY AND VENT PIPING SHALL BE DEMOLISHED AND REPLACED WITH SCHEDULE 40 PVC PIPING.

KEYNOTES

- 1 RECONNECT EXISTING DOMESTIC COLD AND HOT (IF REQUIRED) WATER LINES TO NEW PLUMBING FIXTURE PIPING CONNECTIONS INCLUDING BUT NOT LIMITED TO ALL PIPING ACCESSORIES, ESCUTCHEONS, ETC.



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PLUMBING RENOVATION PLAN - JIC

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REVIEW BY: NPS

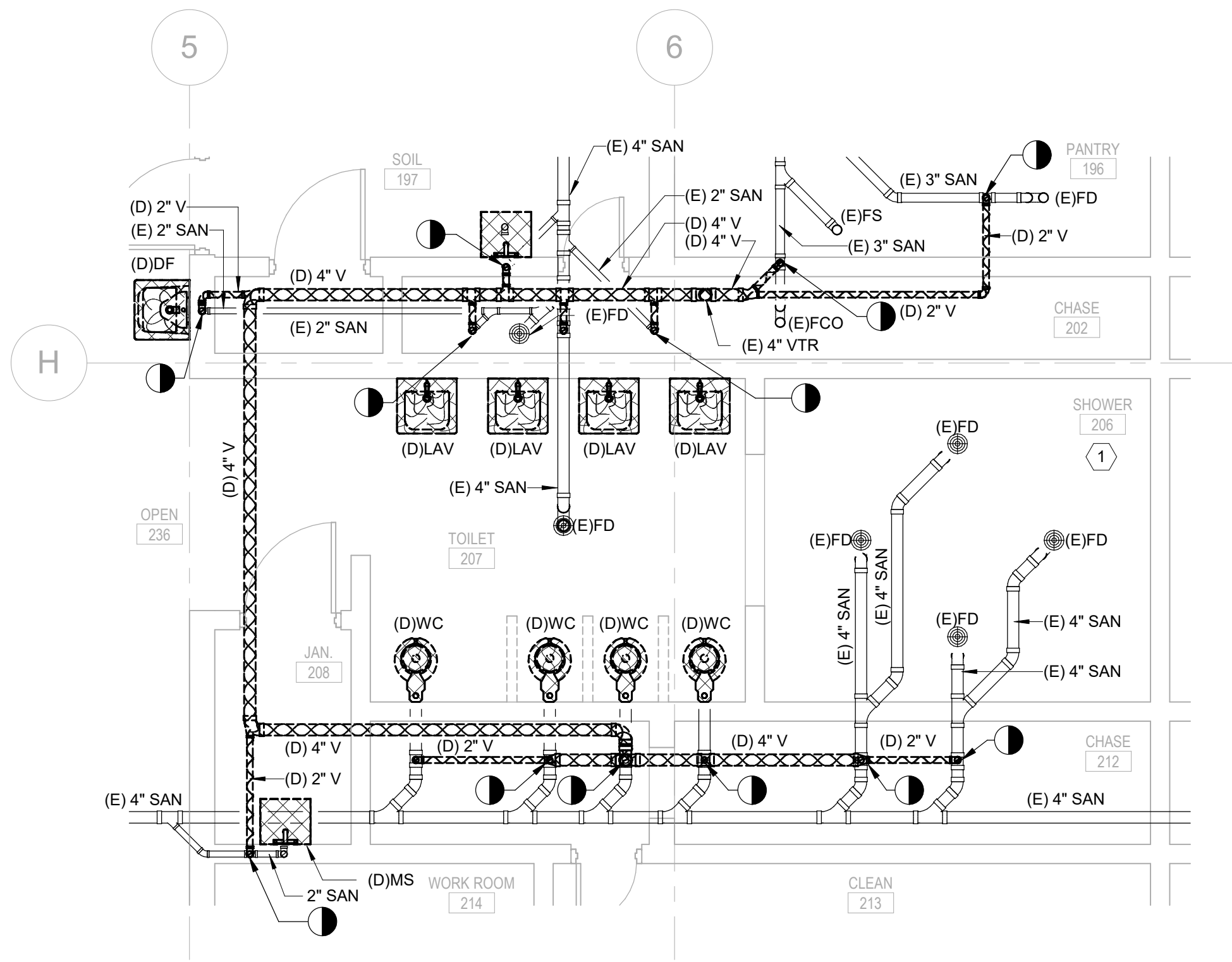
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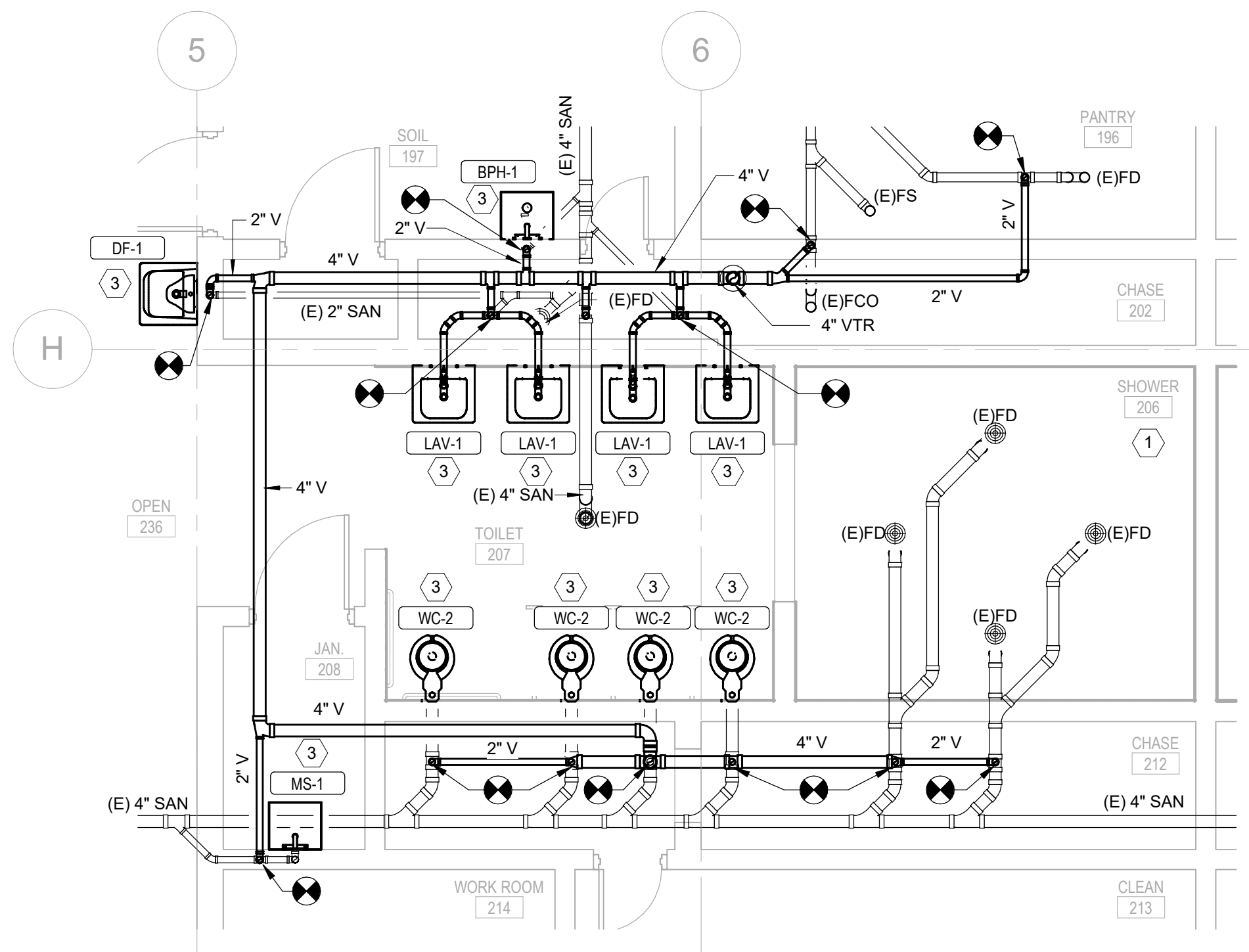
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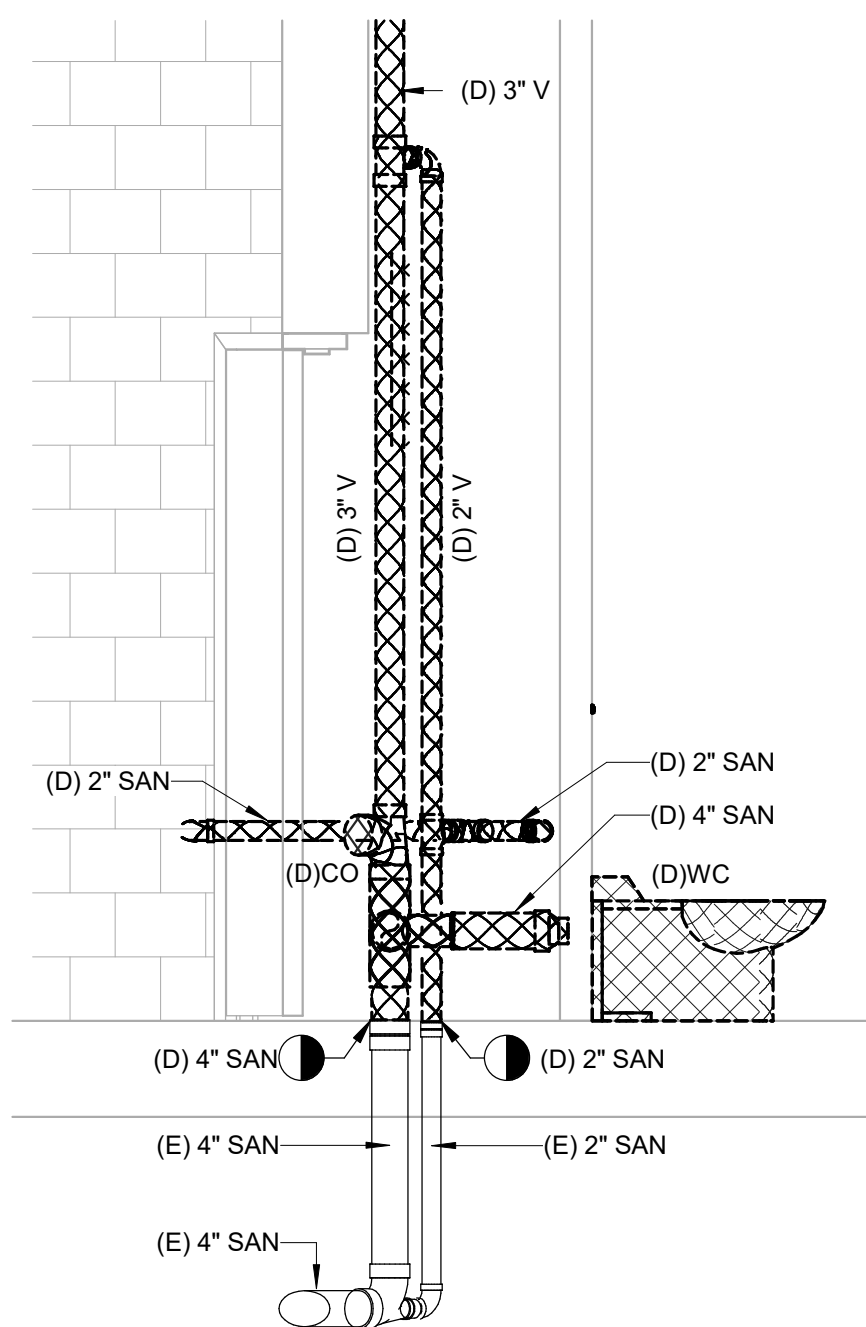
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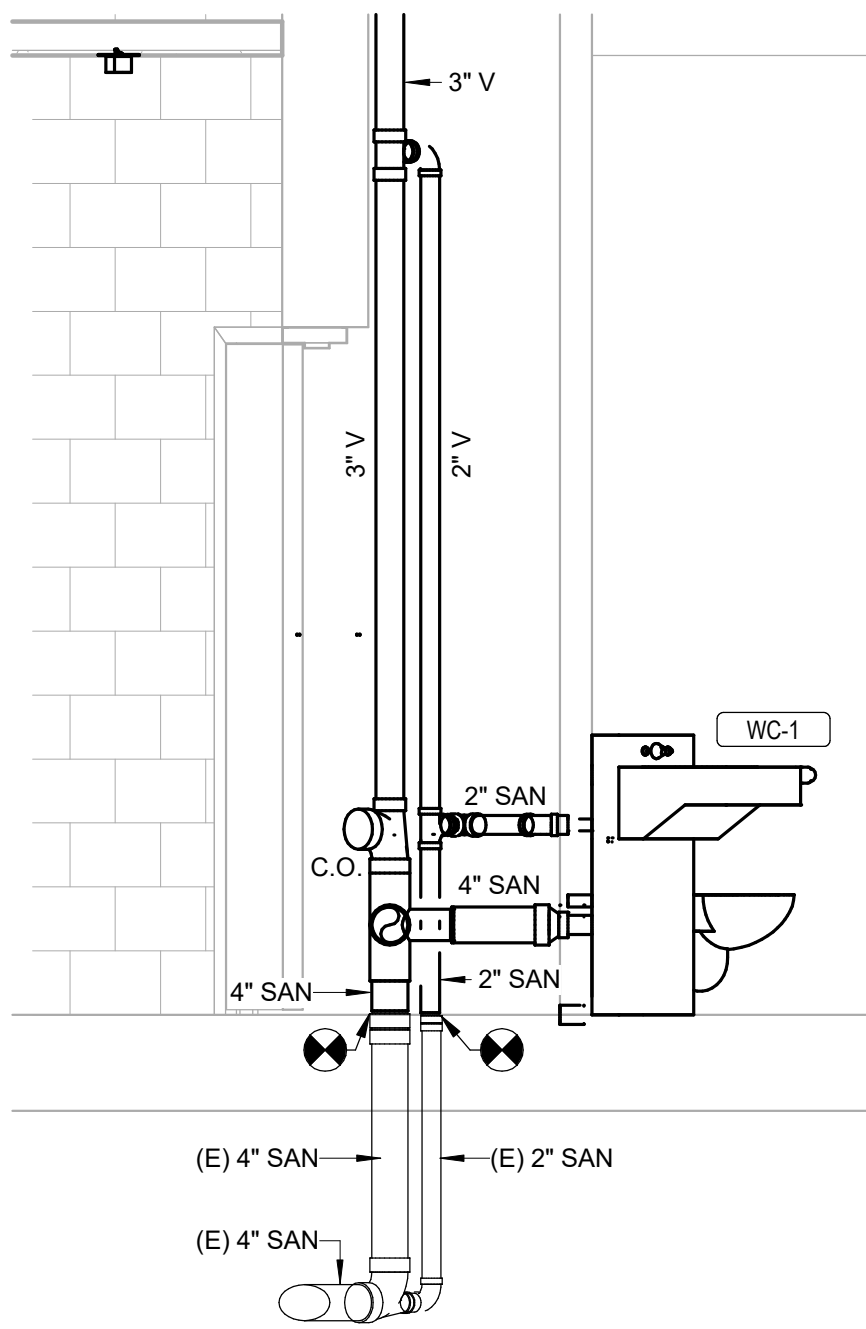
5 ENLARGED PLAN - SANITARY DEMOLITION - GROUP BATHROOM - JIC
1/4" = 1'-0"



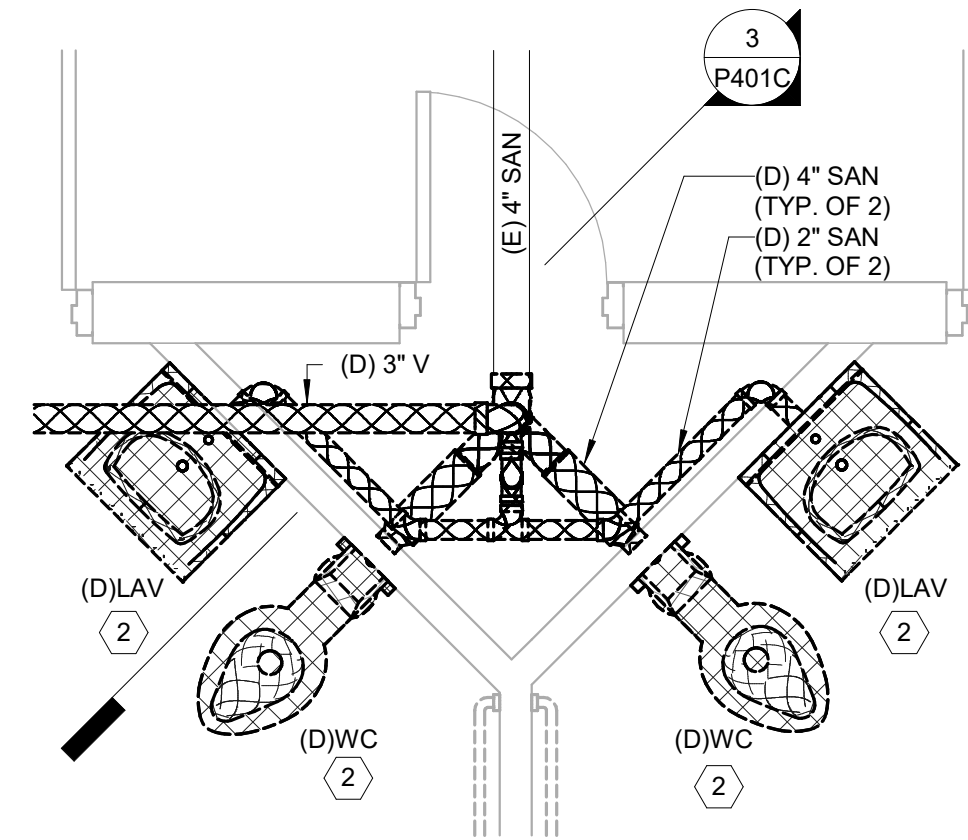
6 ENLARGED PLAN - SANITARY RENOVATION - GROUP BATHROOM - JIC
1/4" = 1'-0"



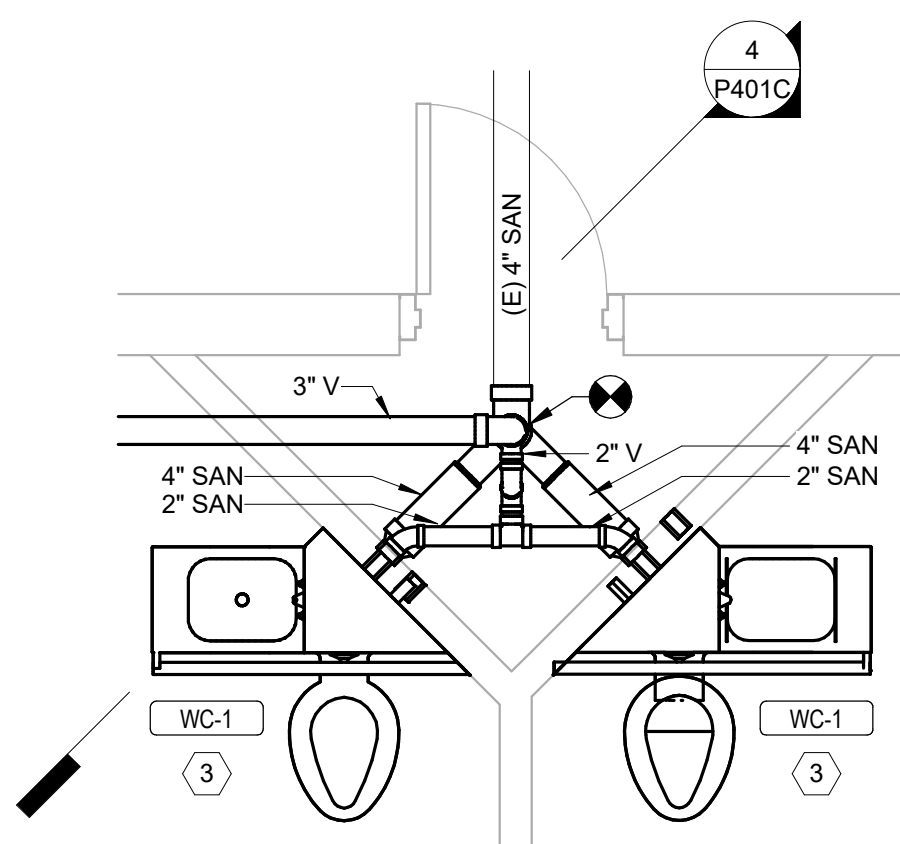
3 SECTION VIEW - SANITARY DEMOLITION - TYPICAL CELL - JIC
1/2" = 1'-0"



4 SECTION VIEW - SANITARY RENOVATION - TYPICAL CELL - JIC
1/2" = 1'-0"



1 ENLARGED PLAN - SANITARY DEMOLITION - TYPICAL CELL - JIC
1/2" = 1'-0"



2 ENLARGED PLAN - SANITARY RENOVATION - TYPICAL CELL - JIC
1/2" = 1'-0"

PLUMBING GENERAL NOTES

- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT SHOW ALL ELBOWS, OFFSETS, UNIONS, VALVES, OR FITTINGS REQUIRED TO COMPLETE INSTALLATION.
- EXISTING CONDITIONS ARE BASED ON FIELD OVSERVATIONS AND 'AS-BUILT' DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND REPORT DISCREPANCIES TO ENGINEER PRIOR TO DISTURBING EXISTING INSTALLATION.
- CONTRACTOR SHALL FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AFFECTED.
- ALL EXISTING PIPING TO BE REUSED SHALL BE PRESSURE TESTED, THOROUGHLY CLEANED, AND SANITIZED TO AVOID POSSIBLE CONTAMINATION.
- PLUMBING CONTRACTOR SHALL ENSURE NO DEAD LEGS ARE LEFT IN ANY PIPING WITHIN THE AREA OF WORK.
- ALL EXISTING PLUMBING FIXTURES (WATER CLOSETS, LAVATORIES, SINKS, SHOWERS, MOP SINKS, AND COMBINATION TOILET LAVATORIES) SHALL BE DEMOLISHED AND REPLACED WITH NEW PLUMBING FIXTURES. ALL EXISTING FLOOR DRAINS AND FLOOR SINKS SHALL REMAIN.
- ALL ABOVE-GRADE, CAST-IRON SANITARY AND VENT PIPING SHALL BE DEMOLISHED AND REPLACED WITH SCHEDULE 40 PVC PIPING.

KEYNOTES

- ALL EXISTING SHOWER HEADS AND PUSH BUTTON CONTROLS SHALL BE DEMOLISHED AND REPLACED WITH NEW DURING CONSTRUCTION (TYP. OF 6). EXISTING CENTRALLY-LOCATED, STAINLESS STEEL SHOWER MOUNT SHALL REMAIN.
- REMOVE AND PROPERLY DISPOSE OF EXISTING PLUMBING FIXTURES. PREPARE EXISTING PIPING FOR RECONNECTION. TEMPORARILY CAP EXISTING SANITARY, VENT, AND DOMESTIC WATER PIPING FOR REUSE. REFER TO PLUMBING RENOVATION PLAN FOR ADDITIONAL INFORMATION.
- RECONNECT EXISTING DOMESTIC COLD AND HOT (IF REQUIRED) WATER LINES TO NEW PLUMBING FIXTURE PIPING CONNECTIONS INCLUDING BUT NOT LIMITED TO ALL PIPING ACCESSORIES, ESCUTCHEONS, ETC.

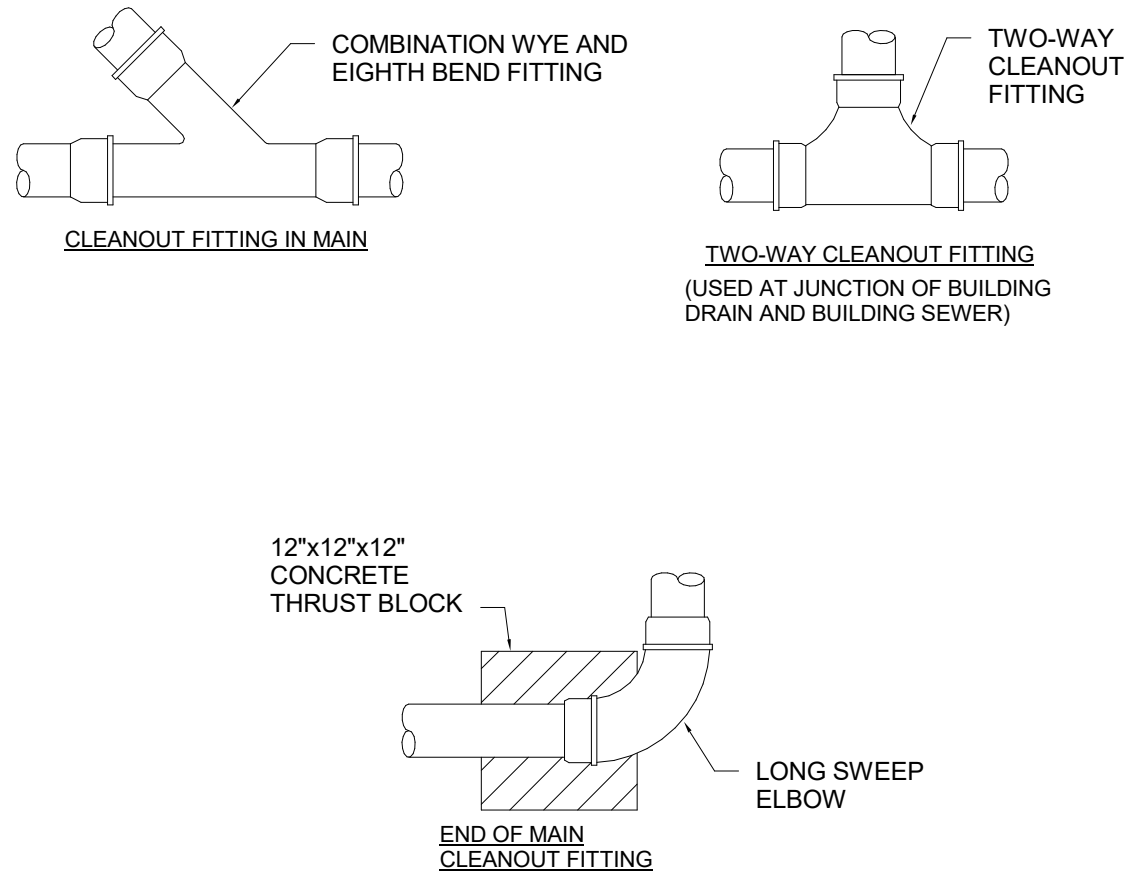
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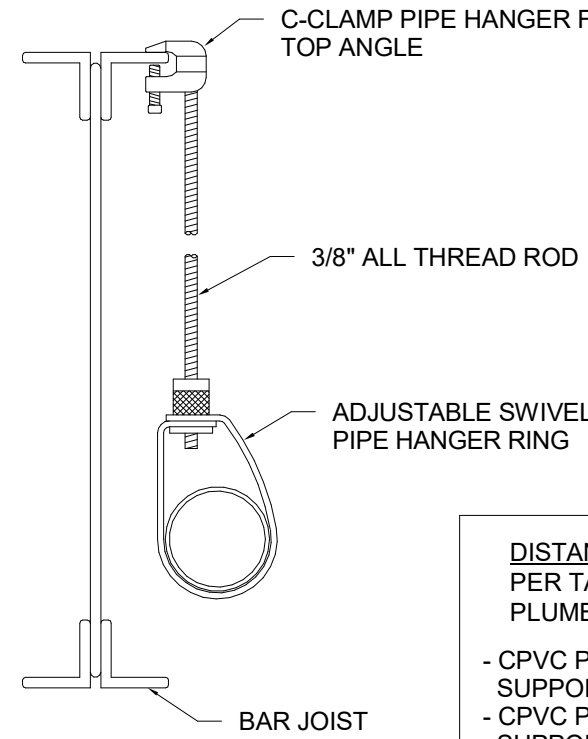
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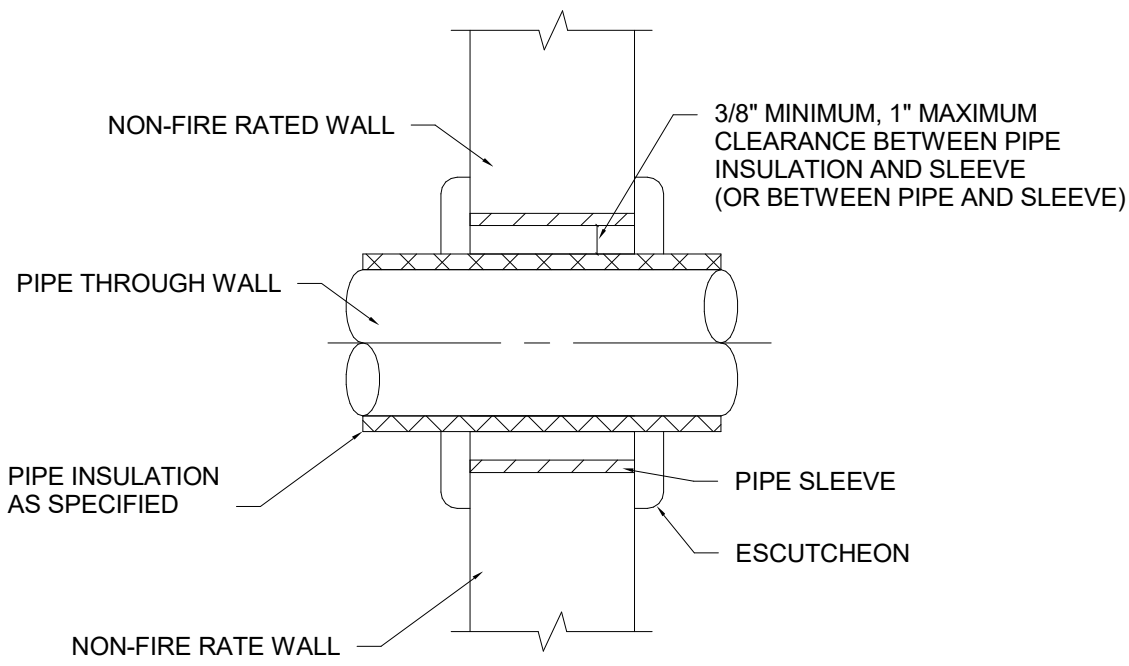
4 CLEANOUT FITTINGS DETAIL N.T.S.



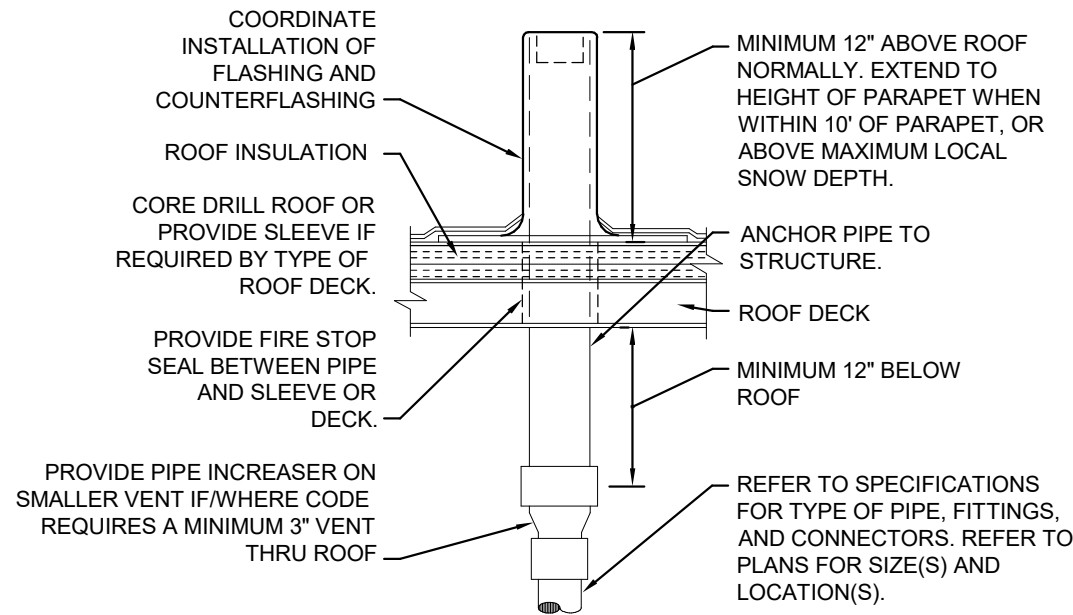
DISTANCE BETWEEN SUPPORTS:
PER TABLE 308.5 OF THE FLORIDA
PLUMBING CODE 2020

- CPVC PIPING 1" DIAMETER AND SMALLER
SUPPORT MAXIMUM EVERY 3 FT.
- CPVC PIPING 1-1/4" DIAMETER AND LARGER
SUPPORT MAXIMUM EVERY 4 FT.
- TYPE "L" COPPER PIPE 1-1/4" OR SMALLER
SUPPORT MAXIMUM EVERY 6 FT.
- SCHEDULE 40 BLACK STEEL PIPE SUPPORT
MAXIMUM EVERY 12 FT.

1 PIPE HANGER DETAIL N.T.S.



2 PIPE PENETRATION THROUGH NON-FIRE RATED WALL N.T.S.



LOCATE VTR MINIMUM THREE FEET FROM PROPERTY LINE, TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, TWENTY FIVE FEET FROM ANY OPENING OR FRESH AIR INTAKE IN MEDICAL FACILITIES AND ONE FOOT FROM ANY VERTICAL SURFACE. REFER TO LOCAL CODES FOR OTHER VENT TERMINATION REQUIREMENTS. LOCATE VTR MINIMUM 18" FROM ADJACENT WALL, PARAPET, EXPANSION JOINT, ROOF DRAIN, EQUIPMENT CURB, OR OTHER ROOF FEATURE. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS. INSULATE LAST SIX FEET OF VENT PIPE INSIDE BUILDING PER SPECIFICATIONS.

3 VENT THRU ROOF "VTR" DETAIL N.T.S.

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- PLUMBING GENERAL NOTES
- A.

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- C.

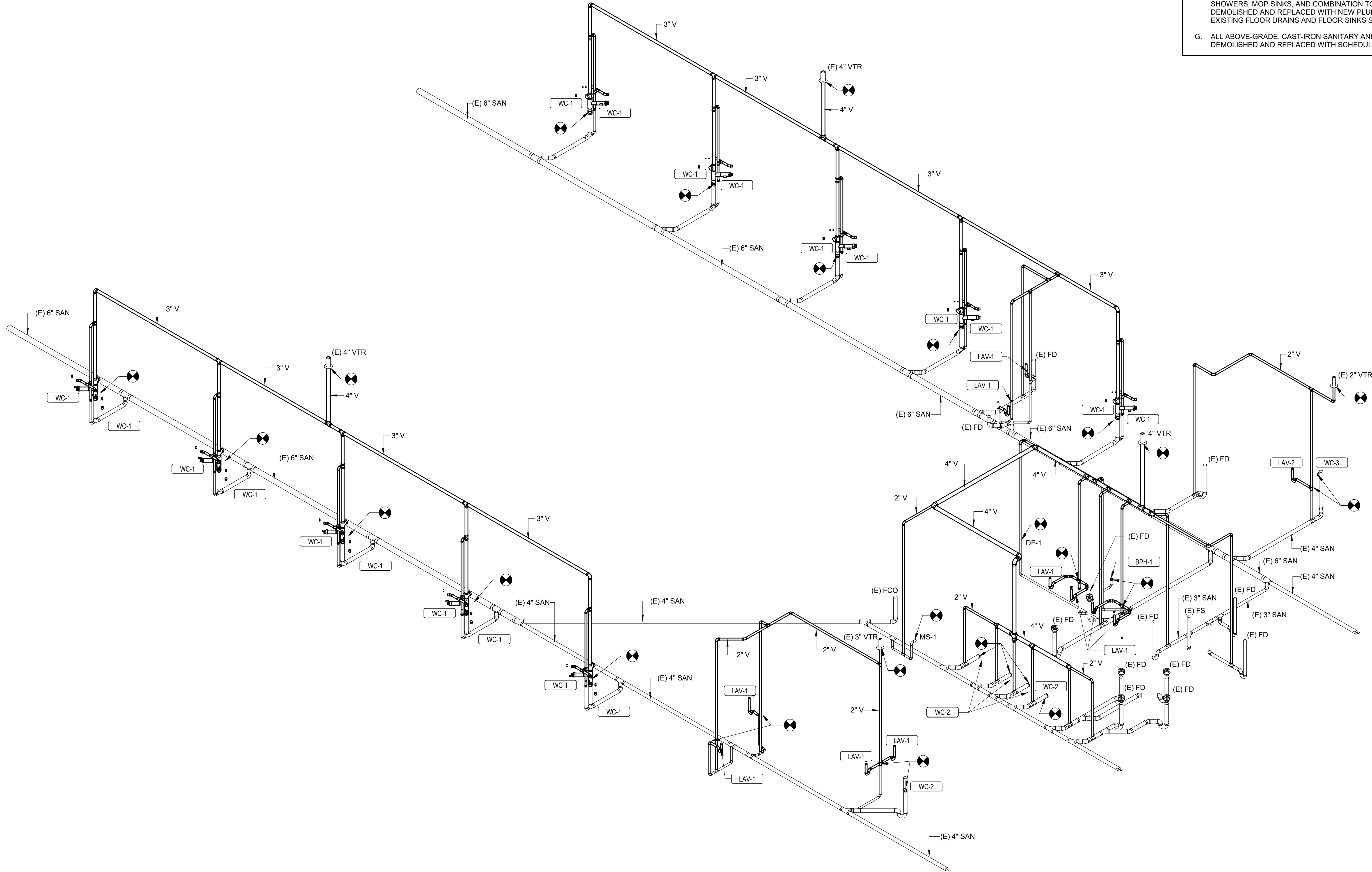
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- G.

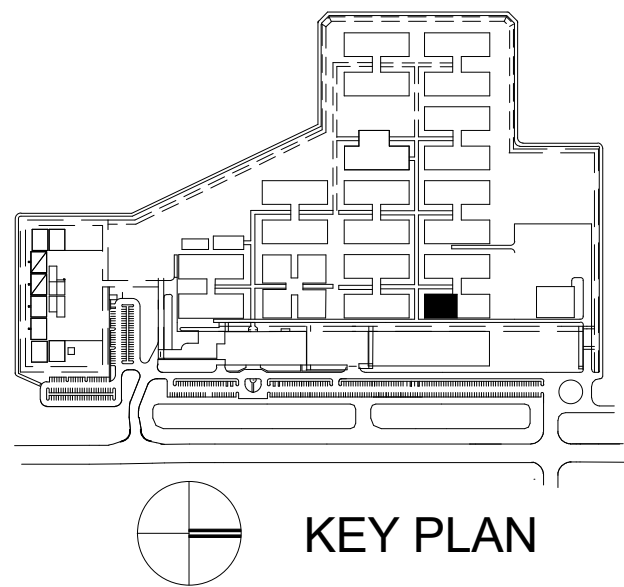
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1

SANITARY & VENT ISOMETRIC - JIC

NOT TO SCALE



HCSO MENTAL HEALTH CLINIC

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SANITARY & VENT ISOMETRIC - JIC

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	75% - JA	07.26.24
	PERMIT/BID	08.30.24

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