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

PROJECT VICINITY MAP
NOT TO SCALE

THE LUNZ GROUP

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58 Lake Morton Dr
Lakeland, FL 33801
p 863.682.1882
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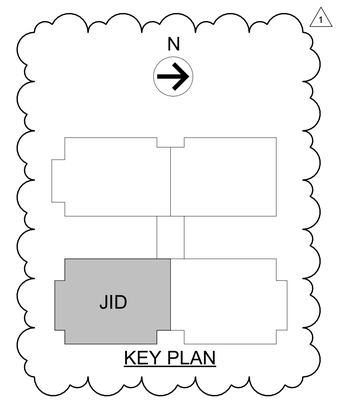

KEY PLAN

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 INFORMATION

PROJECT NAME: HSCO MENTAL HEALTH CLINIC - JID

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:
MAX HEIGHT	75'-0"	EXISTING
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' - 5"
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 FACILITES (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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DRAWN BY: --
REVIEW BY: Project Manager

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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-000D	COVER SHEET – JID	•	•	•	•
G-001D	CODE DATA – JID	•	•	•	
G-002D	DRAWING INDEX – JID			•	•
G-200D	GENERAL NOTES – JID		•	•	
G-300D	ACCESSIBILITY & MOUNTING HEIGHTS – JID		•	•	
LIFE SAFETY					
LS-101D	LIFE SAFETY PLAN – JID	•	•	•	
STRUCTURAL					
S-001D	COVER SHEET – JID			•	
S-002	STRUCTURAL GENERAL NOTES AND ABBREVIATIONS			•	
S-003	COMPONENTS AND CLADDING			•	
S-100D	DEMOLITION PLAN – JID			•	
S-101D	GROUND FLOOR PLAN – JID			•	
S-201	SCHEDULES & TYPICAL DETAILS			•	
S-301	TYPICAL FOUNDATION DETAILS			•	
S-302	TYPICAL MASONRY DETAILS			•	
S-303	SECTIONS & DETAILS			•	
ARCHITECTURE					
AD-101D	DEMOLITION FLOOR PLAN – JID	•	•	•	•
A-101D	OVERALL FLOOR PLAN – JID	•	•	•	•
A-111D	REFLECTED CEILING PLAN - JID	•	•	•	•
A-402D	ENLARGED RESTROOM PLANS AND ELEVATIONS - JID	•	•	•	
A-403D	MILLWORK ELEVATONS AND DETAILS - JID	•	•	•	
A-404D	MILLWORK DETAILS - JID	•	•	•	
A-500D	WALL TYPES - JID	•	•	•	
A-602D	ROOM FINISH PLAN AND SCHEDULE - JID	•	•	•	•
ELECTRICAL					
E-001D	ELECTRICAL NOTES, LEGENDS & ABBREVIATIONS – JID	•	•		
ED-101D	ELECTRICAL DEMOLITION PLAN - JID	•	•		
E-101D	ELECTRICAL LIGHTING RENOVATION PLAN - JID	•	•	•	
E-501D	ELECTRICAL DETAILS & SCHEDULES - JID	•	•	•	
PLUMBING					
P-001D	PLUMBING NOTES, LEGENDS & SCHEDULES - JID	•	•	•	
PD-101D	PLUMBING DEMOLITION PLAN - JID	•	•	•	
P-101D	PLUMBING RENOVATION PLAN - JID	•	•	•	
P-401D	PLUMBING ENLARGED PLANS - JID	•	•	•	
P-501D	PLUMBING DETAILS - JID	•	•	•	
P-901D	SANITARY & VENT ISOMETRIC - JID	•	•	•	

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REVIEW BY: Project Manager

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ABBREVIATIONS

NOTE:
ALL ABBREVIATIONS ARE GENERAL AND MAY NOT NECESSARILY APPEAR WITH IN THIS SET OF DRAWINGS.

	ANCHOR BOLT
ABV.	ABOVE
ACC.	ACCESS
ACOUS.	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
	CATCH BASIN
CCTV.	CLOSED CIRCUIT TELEVISION
CEM.	CEMENT
C.FL.	COUNTER FLASHING
	CORNER GUARD
CIRC.	CIRCULATION
	CONTROL JOINT
	CAULK (ING)
	CENTER LINE
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR
CLS.	CLOSURE
	CONSTRUCTION MANAGER
C.M.U.	CONCRETE MASONRY UNIT
	CLEAN OUT
COL.	COLUMN
CONC.	CONCRETE
CONF.	CONFERENCE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
COORD.	COORDINATE
CORR.	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
	DAMPPROOFING
	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
	FABRIC
	FACE OF
	FIRE ALARM

F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.F.	FINISH FLOOR
F.H.	FULL HEIGHT
F.H.C.	FIRE HOSE CABINET
F.H.R.	FIRE HOSE RACK
F.H.S.	FIRE HOSE STATION
FIN.	FINISH
FL.	FLOOR
FLASH.	FLASHING
FLEX.	FLEXIBLE
FLUOR.	FLUORESCENT
FPRF.	FIREPROOF
F.P.S.C.	FIREPROOF SELF CLOSING
FT.	FOOT (FEET)
F.T.F.	FACE TO FACE
FTG.	FOOTING
FURN.	FURNISH
FURR.	FURRING
FUT.	FUTURE
GA.	GAUGE
GALV.	GALVANIZED
G.C.	GENERAL CONTRACTOR
GEN.	GENERAL
GL.	GLASS
GND.	GROUND
G.PL.	GYPSUM PLASTER
GVL.	GRAVEL
G.W.B.	GYPSUM WALL BOARD
GYP.	GYPSUM
GYP. BD.	GYPSUM BOARD
H.	HIGH
H.C.	HOLLOW CORE
HDCP.	HANDICAPPED
HDW.	HARDWARE
HDWD.	HARDWOOD
H.M.	HOLLOW METAL
H.O.	HOLD OPEN
HORIZ.	HORIZONTAL
H.P.	HIGH POINT
HR.	HOUR
HT.	HEIGHT
HTG.	HEATING
H.V.A.C.	HEATING, VENTILATING, AIR CONDITIONER
H.W.	HOT WATER
I.D.	INSIDE DIAMETER
IN.	INCH(ES)
INCAND.	INCANDESCENT
INCL.	INCLUDE(D)
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
INTERM.	INTERMEDIATE
INV.	INVERT
JAN.	JANITOR
J.B.	JOIST BEARING
J.C.	JANITOR'S CLOSET
JT.	JOINT
K.D.	KNOCK DOWN
K.O.	KNOCK OUT
KIT.	KITCHEN
K.S.	KNEE SPACE
LAB.	LABORATORY
LACQ.	LACQUERED
LAM.	LAMINATE(D)
LAV.	LAVATORY
LB.(s)	POUND(S)
L.F.	LINEAR FOOT
LGT.	LENGTH
L.H.	LEFT HAND
LIN.	LINEN
LKR.	LOCKER
L.L.	LEAD LINED
L.P.	LOW POINT
LT.	LIGHT
LT.WT.	LIGHTWEIGHT
MAR.	MARBLE
MAINT.	MAINTENANCE
MAS.	MASONRY
MATL.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MEMB.	MEMBRANE
MEZZ.	MEZZANINE
MFR.	MANUFACTURER
MGMT.	MANAGEMENT
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
MOV.	MOVABLE
M.R.	MOISTURE RESISTANCE
MTD.	MOUNTED
MTG.	MOUNTING
MTL.	METAL
MUL.	MULLION
N.	NORTH
N.C.	NURSE CALL
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.A.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OFF.	OFFICE
OH.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
OPP.H.	OPPOSITE HANG
O.T.O.	OUT TO OUT
P.A.	PUBLIC ADDRESS
PART.	PARTITION
PAV.	PAVEMENT
P.C.	PRECAST

P.F.	PANEL FABRIC
PFB.	PREFABRICATE(D)
PFN.	PREFINISHED
PL.	PLATE
P.LAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PLBG.	PLUMBING
PLWD.	PLYWOOD
P.M.	PRESSED METAL
PNL.	PANEL
PNT.	PAINT
POL.	POLISHED
PR.	PAIR
PROP.	PROPERTY
P.S.	PULL STATION
P.S.F.	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCHES
PT.	POINT
P.T.	PRESSURE TREATED
PTD.	PAINTED
PTN.	PARTITION
Q.T.	QUARRY TILE
QTY.	QUANTITY
R.	RISER
RAD.	RADIUS
R.B.	RUBBER BASE
R.C.P.	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
REC.	RECESSED
RECEP.	RECEPTION
REF.	REFERENCE
REFR.	REFRIGERATOR
REINF.	REINFORCED(REINFORCING)
REQ'D.	REQUIRE
RESIL.	RESILIENT
REV.	REVISION
R.H.	RIGHT HAND
RM.	ROOM
R.O.	ROUGH OPENING
S.	SOUTH
SAN.	SANITARY
S.C.	SOLID CORE
SCHED.	SCHEDULE
S.D.	SOAP DISPENSER
SECT.	SECTION
SECUR.	SECURITY
S.F.	SQUARE FOOT(FEET)
SHR.	SHOWER
SHT.	SHEET
SIM.	SIMILAR
SNT.	SEALANT
SPEC.	SPECIFICATION
SPKR.	SPEAKER
SQ.	SQUARE
S.S.	STAINLESS STEEL
S.SK.	SERVICE SINK
STA.	STATION
S.T.C.	SOUND TRANSMISSION CLASS
STD.	STANDARD
STER.	STERILIZER
STL.	STEEL
STN.	STONE
STOR.	STORAGE
STRUC.	STRUCTURAL
SURG.	SURGICAL
SUSP.	SUSPENDED
SWBD.	SWITCHBOARD
SYM.	SYMMETRICAL
T.	TREAD
T/	TOP OF
T. & B.	TOP & BOTTOM
T. & G.	TONGUE & GROOVE
T.B.D.	TO BE DETERMINED
TEL.	TELEPHONE
TEMP.	TEMPERED
TER.	TERRAZZO
THK.	THICK
THRU.	THROUGH
TLT.	TOILET
T.O.B.	TOP OF BEARING
T.O.P.	TOP OF PLATE
TOPO.	TOPOGRAPHY
T.O.S.	TOP OF SLAB
T.O.STL.	TOP OF STEEL
T.V.	TELEVISION
TYP.	TYPICAL
UNF.	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
U.O.N.	UNLESS OTHERWISE NOTED
UR.	URINAL
UTIL.	UTILITY
V.	VINYL
VAC.	VACUUM
V.B.	VINYL BASE
V.C.T.	VINYL COMPOSITION TILE
VENT.	VENTILATION
VERT.	VERTICAL
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
VOL.	VOLUME
VP.B.	VAPOR BARRIER
V.T.	VINYL TILE
V.W.C.	VINYL WALL COVERING
W	WEST OR WIDE
W/	WITH
W/O	WITHOUT
W.C.	WATER CLOSET
WD.	WOOD
WDT.	WIDTH
W.F.	WIDE FLANGE
W.H.	WATER HEATER
W.I.	WROUGHT IRON
WIN.	WINDOW
W.M.	WIRE MESH
WPFG.	WATERPROOFING
WSCT.	WAINSCOT
WT.	WEIGHT
YD.	YARD

GENERAL NOTES

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 ALL CONDITIONS OF 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 PRODUCTS 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 CONVENIENCE AND REFERENCE AND IN NO WAY DO THEY DEFINE OR LIMIT THE SCOPE OR INTENT OF ANY PART OF THE DRAWINGS, OR 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 IS TO REMAIN "UNFINISHED." IF ROOM FINISHES ARE NOT 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 INDICATED 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 RATING 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 90-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.

GENERAL NOTES, CONT.

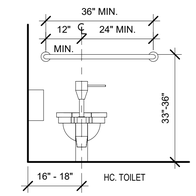
24. REFER TO CIVIL DRAWINGS FOR SITE GRADING; REFER TO ARCHITECTURAL SITE PLAN AND ENLARGED SITE PLANS FOR CONCRETE PAVING PATTERNS AND SPOT ELEVATIONS.
25. STRUCTURAL STEEL OR PRECAST CONCRETE SHAPES ARE SHOWN FOR DETAILING OF ARCHITECTURAL FINISHES ONLY; REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL 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.

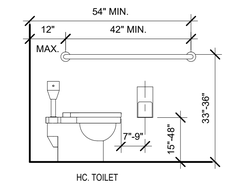
STANDARD TOILET ROOM MOUNTING HEIGHTS:

MOUNTING HEIGHTS INDICATED APPLY FOR TYPICAL CONDITIONS UNLESS NOTED OTHERWISE (DIMENSIONS ARE ABOVE FINISH FLOOR (AFF) TYPICAL). IF CONFLICTS ARE DISCOVERED, REVIEW WITH ARCHITECT PRIOR TO INSTALLATION OF BACK BOXES OR FRAMING. CONFIRM AND MODIFY THESE HEIGHTS AS NECESSARY TO CONFORM TO ADA REQUIREMENTS OR, LOCAL CODES.

ITEM MOUNTING HEIGHT

LAVATORY:		34" MAXIMUM TO RIM OR COUNTER
WATER CLOSET:		
	@ ACCESSIBLE:	17" TO 19" TO TOP OF SEAT
	@ STANDARD:	14" - 15" TO RIM
URINAL:		
	@ ACCESSIBLE:	17" MAXIMUM TO RIM
	@ STANDARD:	24" TO RIM
MIRROR ABOVE LAVATORY:		40" MAXIMUM TO BOTTOM OF REFLECTIVE SURFACE
MIRROR NOT ABOVE LAVATORY:		35" MAXIMUM TO BOTTOM OF REFLECTIVE SURFACE
SOAP DISPENSERS AT LAVATORIES:		48" MAXIMUM TO OPERABLE CONTROLS
PAPER TOWEL DISPENSER:		48" MAXIMUM TO OPENING FOR TOWELS OR OPERABLE CONTROLS
TOILET PAPER DISPENSER:		15" MINIMUM TO 48" MAXIMUM TO OUTLET
HAND DRYER:		48" MAXIMUM TO OPERATIONAL CONTROLS
NAPKIN DISPENSER:		48" MAXIMUM TO OPERATIONAL CONTROLS
NAPKIN DISPOSAL:		24" TO CENTER
HAND HELD SHOWER HEAD:		6'-6" TO CENTER, ON 59" MINIMUM HOSE
SHOWER SEAT:		17" MINIMUM TO 19" MAXIMUM
SHOWER CONTROLS:		38" MINIMUM TO 48" MAXIMUM
SHOWER ROD:		6'-6" TO CENTER
GRAB BAR:		33" MINIMUM TO 36" MAXIMUM TO TOP OF GRIPPING SURFACE
MOP HOLDER:		72" TO TOP





THE LUNZ GROUP

HCSO MENTAL HEALTH POD

520 N FALKENBURG ROAD
TAMPA, FLORIDA 33619

GENERAL NOTES - JID

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	REVIEW	08.14.24
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REVIEW BY: Project Manager

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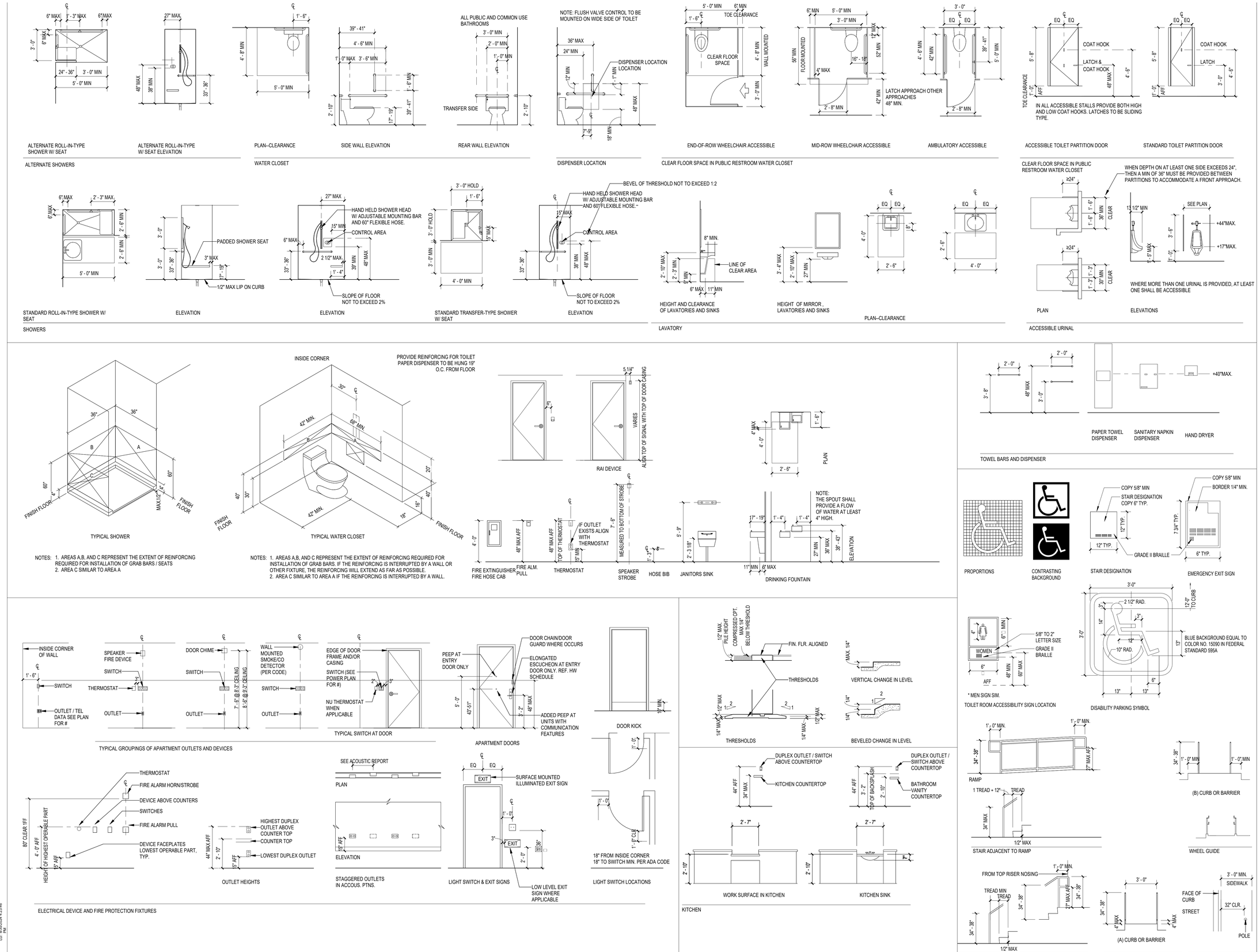

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HCSO MENTAL HEALTH POD

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ACCESSIBILITY & MOUNTING HEIGHTS - JID

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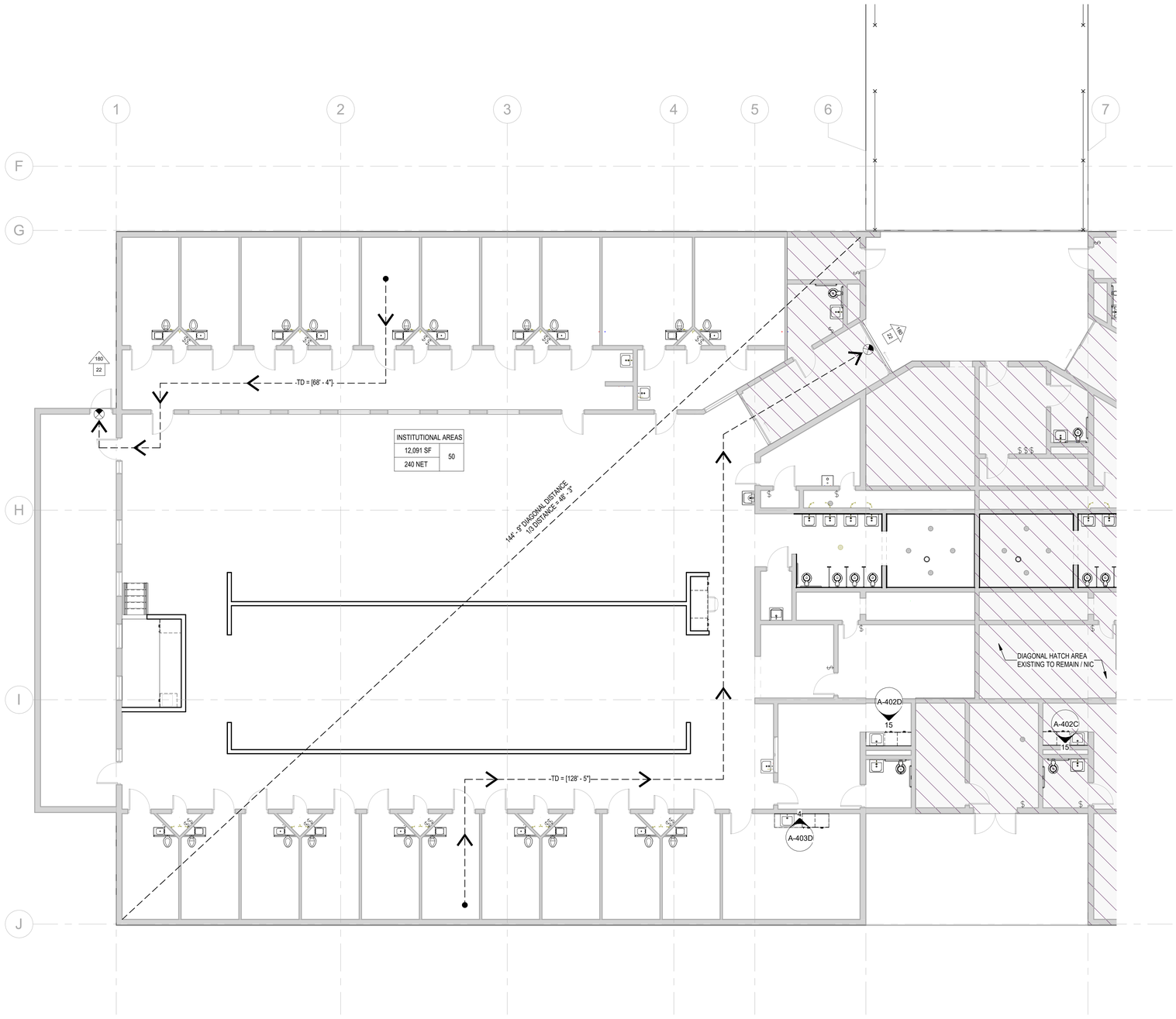
GENERAL SHEET NOTES:

1. 1. FIRE EXTINGUISHERS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 10 REQUIREMENTS AND AS DIRECTED BY LOCAL BUILDING OFFICAL.
2. 2. SEE FLOOR PLAN FOR FIRE-RATED WALL LOCATIONS.
3. 3. REFER TO DOOR, WINDOW, AND HARDWARE SCHEDULES FOR DOOR AND WINDOW FIRE RATING REQUIREMENTS AND EGRESS HARDWARE REQUIREMENTS.
4. 4. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION ON EXIT SIGNS, EMERGENCY LIGHTS, FIRE ALARM AND SMOKE DETECTORS
5. 5. ALL FURNITURE AND EQUIPMENT SHOWN ARE FOR REFERENCE ONLY.
6. 6. STANDARD EGRESS CAPACITY OF EXIT THROUGH 36" WIDE SINGLE DOOR IS 180 OCCUPANTS PER FBC, 2020
7. 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 ACCOMPAINED 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.



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

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

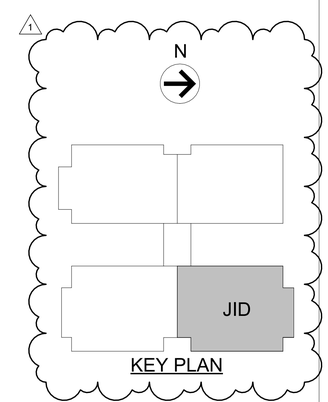
STORAGE — NAME
1 — OCCUPANCY LOAD
XX — SQUARE FOOTAGE

EXIT CAPACITY

180 — CAPACITY OF EXIT
8 — OCCUPANT LOAD

TRAVEL DISTANCE

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



KEY PLAN

THE LUNZ GROUP

HCSO MENTAL HEALTH POD

520 N FALKENBURG ROAD
TAMPA, FLORIDA 33619

LIFE SAFETY PLAN - JID

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1	ADDENDUM #1	09.20.24

DRAWN BY: --
REVIEW BY: Project Manager

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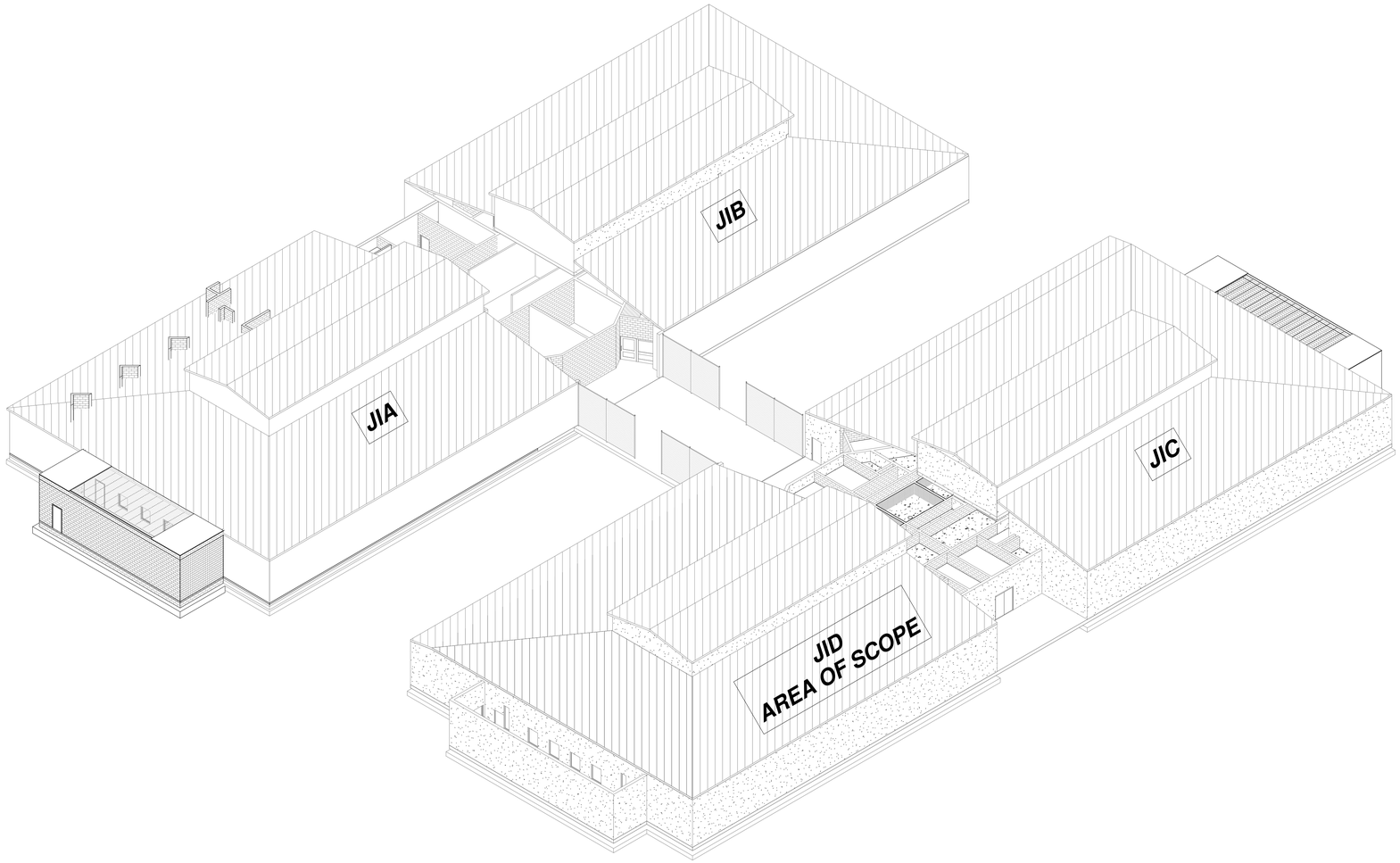

1 ISOMETRIC VIEW - JID

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

SHEET INDEX - JID

SHT NO#	SHEET NAME	REVIEW SET 08.14.2024	PERMIT/BID SET 08.30.2024
S-001D	COVER SHEET - JID	•	•
S-002	STRUCTURAL GENERAL NOTES AND ABBREVIATIONS	•	•
S-003	COMPONENTS AND CLADDING	•	•
S-100D	DEMOLITION PLAN - JID	•	•
S-101D	GROUND FLOOR PLAN - JID	•	•
S-201	SCHEDULES & TYPICAL DETAILS	•	•
S-301	TYPICAL FOUNDATION DETAILS	•	•
S-302	TYPICAL MASONRY DETAILS	•	•
S-303	SECTIONS & DETAILS	•	•

THE LUNZ GROUP

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ENGINEERING CERTIFICATE OF AUTHORIZATION NUMBER 21
CIVIL, TRANSPORTATION, SUBSURFACE & STRUCTURAL ENGINEERING
ECOLOGY | GIS | PLANNING | SURVEYING
ST. PETERSBURG ■ LAKEWOOD RANGE ■ TAMPA ■ GAINSVILLE ■ LAKE WALES ■ PUNTA GORDA

HCSO MENTAL HEALTH PODS - AREA B

2310 N. FALKENBURG ROAD
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COVER SHEET - JID

NOT FOR CONSTRUCTION

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REVIEW BY: YA / DD

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STRUCTURAL GENERAL NOTES

GN. GENERAL

1 THE STRUCTURAL DRAWINGS AND SPECIFICATIONS ARE A PORTION OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR AND SUBCONTRACTORS 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, Vult (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.

5 SUBMITTALS:
A REVIEW OF SHOP DRAWINGS AND OTHER SUBMITTALS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTING TO THE STRUCTURAL ENGINEER. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF THE SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. ALL SHOP DRAWINGS MUST BE REVIEWED AND "APPROVED" BY THE CONTRACTOR PRIOR TO SUBMITTAL.

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

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	1 S0.3
ELEVATION INDICATOR	1 S0.3
DETAIL INDICATOR	1 S0.3
TOP REBAR	
BOTTOM REBAR	

ITEM	SYMBOL
ELEVATION SYMBOL	T/FTG -2'-0"
STEP IN FTG., GRADE BM. OR OTHER	8"
BEAM SPLICE	
MOMENT CONNECTION	
TOP OF STEEL ELEVATION	BEAM TAG (+20'-8")
AND	&
PLATE	℄
CENTERLINE	℄
NUMBER (PRECEEDING)	#, NO.
PLUS OR TENSION	+
MINUS OR COMPRESSION	-
POUNDS (FOLLOWING)	#
STEP IN STRUCTURE OR DEPRESSED SLAB	1"

COLUMN SYMBOLS

- INDICATES COLUMN BELOW
- INDICATES COLUMN THRU
- INDICATES COLUMN ABOVE

REINFORCING SYMBOLS

#4@12" OC x 10'-0" T&B
BAR SIZE
BAR SPACING
BAR PLACEMENT
T=TOP
B=BOTTOM

Structural Submittal Schedule

Submittal Type	Description	For Approval	For Record	Signed & Sealed Shop Dwgs	Signed & Sealed Calcs
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 BARIER, 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		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 SPASCERS, HORIZONTAL JOINT REINF, ETC.		X		
PRECAST LINTEL DATA		X			
51200 STRUCTURAL STEEL					
STRUCTURAL STEEL		X		X	
STEEL CONNECTION CALCULATIONS		X			X
STEEL STAIRS		X		X	
STEEL STAIR CALCULATIONS		X			X
STEEL HANDRAILS		X		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	X
NAIL/SCREW PRODUCT DATA		X			

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STRUCTURAL GENERAL NOTES AND ABBREVIATIONS

NOT FOR CONSTRUCTION

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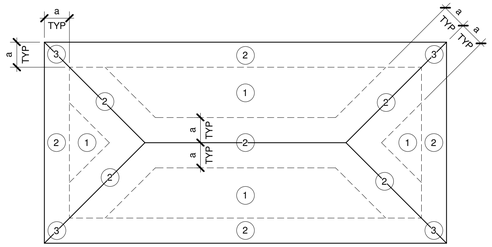
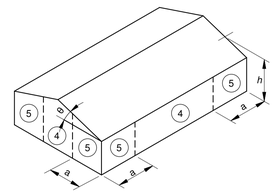


ROOF UPLIFT DIAGRAM
COMPONENT & CLADDING



COMPONENT & CLADDING
WINDOW & DOOR
WIND PRESSURES

COMPONENTS & CLADDING NOMINAL WIND PRESSURES

(PER ASCE 7-22)

ULTIMATE WIND SPEED, V_{ult}		149 mph	**NOMIINAL 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:

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

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COMPONENTS AND CLADDING

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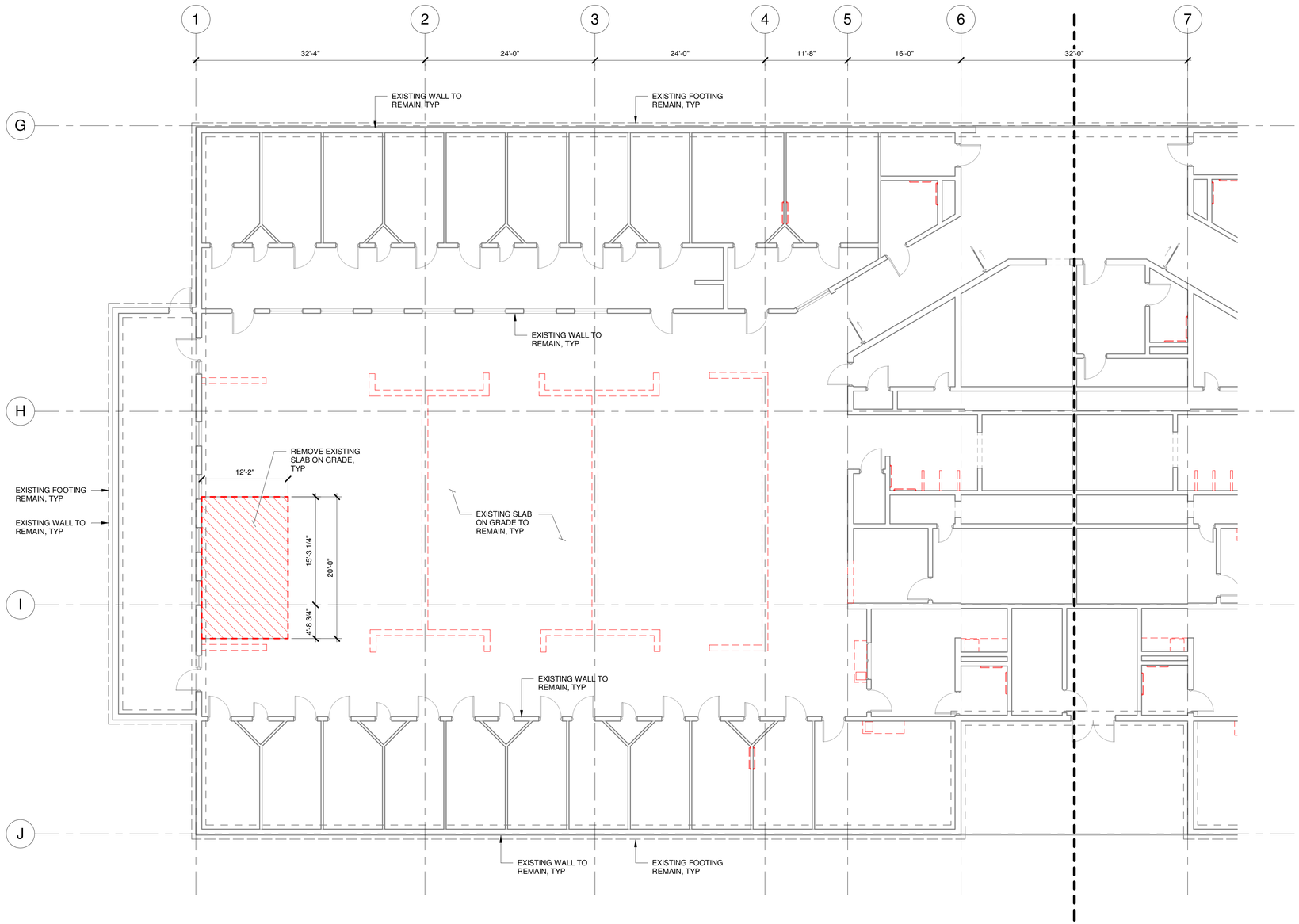

1 DEMOLITION PLAN - JID
1/8" = 1'-0"

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 - JID

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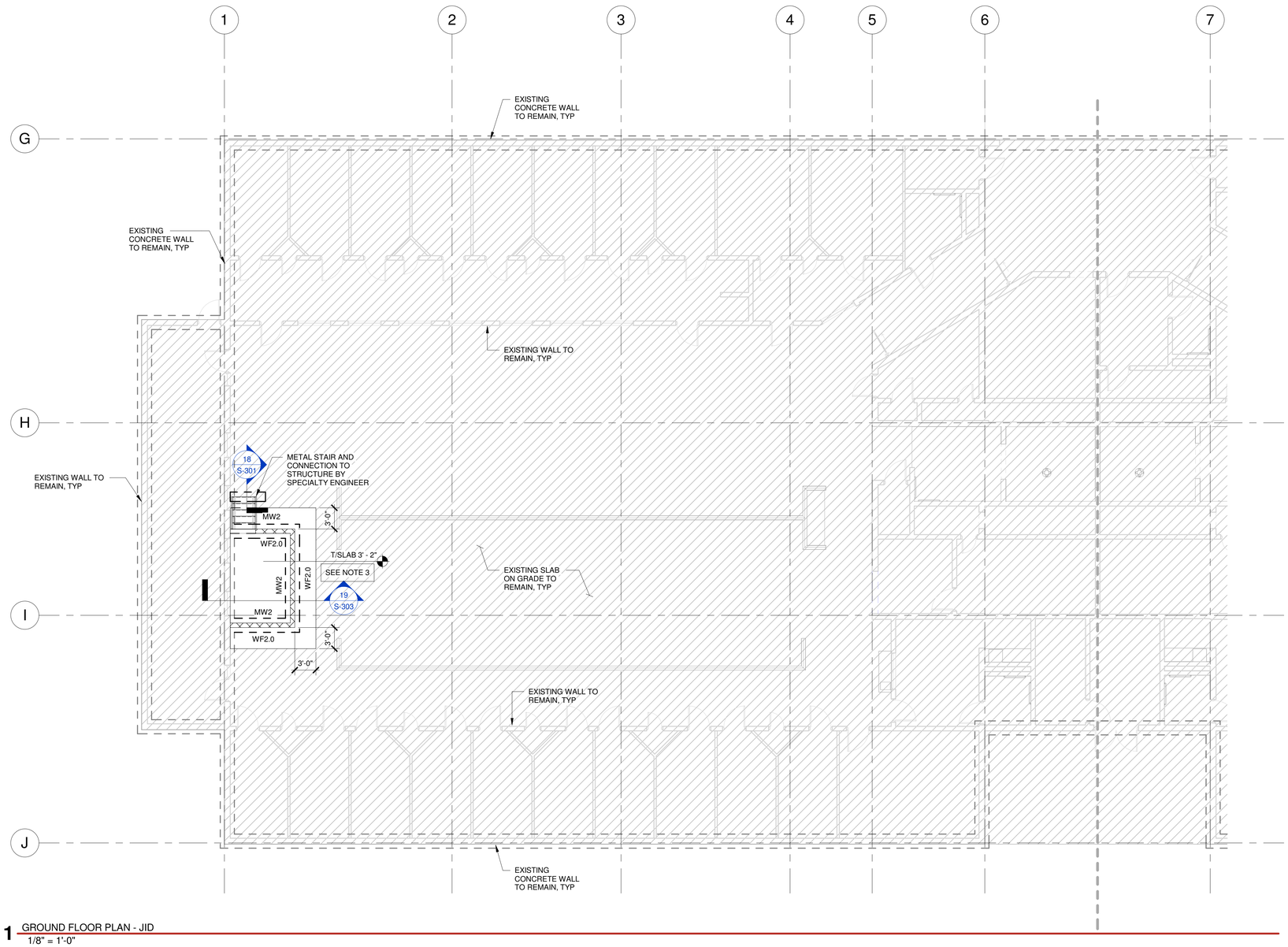

1 GROUND FLOOR PLAN - JID
1/8" = 1'-0"

FOUNDATION NOTES:

1. FINISH FLOOR (SLAB ON GRADE) ELEVATION 0'-0", UNLESS NOTED ON PLAN.
2. VERIFY DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION.
3. 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.
4. 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.
5. "TE" INDICATES A THICKENED SLAB EDGE. SEE TYPICAL DETAILS FOR TYPES AND REINFORCING.
6. "MW#X" INDICATES CONCRETE MASONRY WALL. ALL WALLS ARE **MW1** UNO. SEE CMU SCHEDULE FOR SIZE & REINFORCEMENT.
7. "FX.X" AND "WFX.X" INDICATES SPREAD FOOTING AND WALL FOOTING RESPECTIVELY. REFER TO FOUNDATION SCHEDULE ON THIS SHEET FOR SIZES AND REINFORCEMENT.
8. 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 - JID

NOT FOR CONSTRUCTION

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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:
1. FOR CLEAR SPACING BETWEEN BARS <db AND/OR CLEAR COVER <db, MULTIPLY BY 1.5.
2. FOR TOP BARS MULTIPLY BY 1.3.
3. FOR EPOXY COATED BARS, IF SPECIFIED OR APPROVED AS AN ALTERMNATE, MULTIPLY BY 1.3.
4. FOR MMFX BARS, IF SPECIFIED OR USED, USE GRADE 75 KSI VALUES.
5. WHERE MORE THAN ONE FACTOR APPLIES, PRODUCT OF ALL APPLICABLE FACTORS SHALL BE APPLIED.
6. 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"

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"

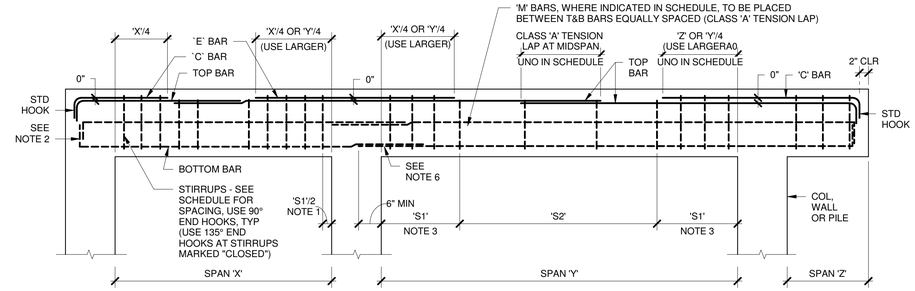
GRADE 75 STEEL

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"

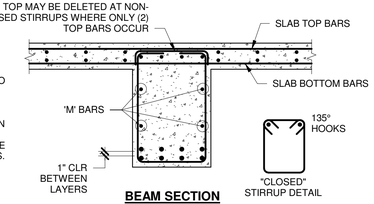
NOTES:
1. FOR CLEAR SPACING BETWEEN BARS <db AND/OR CLEAR COVER <db, MULTIPLY BY 1.5.
2. FOR TOP BARS MULTIPLY BY 1.3.
3. FOR EPOXY COATED BARS, IF SPECIFIED OR APPROVED AS AN ALTERMNATE, MULTIPLY BY 1.3.
4. FOR MMFX BARS, IF SPECIFIED OR USED, USE GRADE 75 KSI VALUES.
5. WHERE MORE THAN ONE FACTOR APPLIES, PRODUCT OF ALL APPLICABLE FACTORS SHALL BE APPLIED.
6. 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"



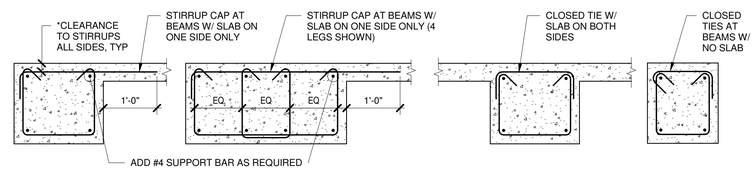
NOTE: TOP MAY BE DELETED AT NON-CLOSED STIRRUPS WHERE ONLY (2) TOP BARS OCCUR

NOTES:
1. START STIRRUP SPACING @ 'S1'/2 FROM FACE OF SUPPORT.
2. EXTEND A MINIMUM OF 1/4 OF THE MAXIMUM BOTTOM REINFORCEMENT (2 BAR MINIMUM) TO DEVELOP FULL TENSION CAPACITY & HOOK AT SUPPORT.
3. 'S1' AND 'S2' DENOTE STIRRUP SPACING. S2 IS 18" ON CENTER UNLESS NOTED OTHERWISE
4. * INDICATES STIRRUP SPACING S1 TO BE MAINTAINED THROUGHOUT SPAN.
5. FOR ALL BEAMS OVER 24" DEEP, PROVIDE #4@12" HORIZONTAL REINFORCING EACH FACE IN ADDITION TO THE TOP AND BOTTOM REINFORCING, UNO - TYPE 'M' BARS.
6. LAP A MINIMUM OF 1/4 OF THE MAXIMUM BOTTOM REINFORCEMENT (2 BAR MINIMUM) AT THE SUPPORT WITH A CLASS "A" TENSION LAP SPLICE OR PROVIDE CONTINUOUS BOTTOM BARS.



BEAM SECTION

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



* NOTE: SEE STRUCTURAL NOTES FOR CONCRETE COVERAGE.

2 TYPICAL BEAM STIRRUP / TIES DETAILS
3/4" = 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	3"
	Top	2"

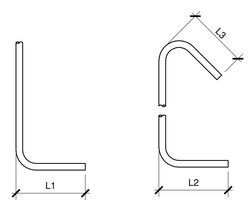
8 CONCRETE COVER REQUIREMENTS
3/4" = 1'-0"

ENG NOTES:
1. TABLE IS AN EXAMPLE OF TYPES OF STRUCTURAL ELEMENTS AND THEIR DESIGN STRENGHTS.
2. 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

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

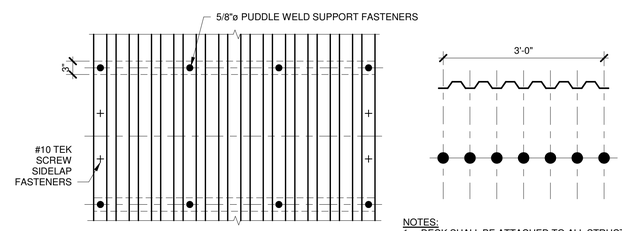
7 CONCRETE COMPRESSIVE STRENGTHS
3/4" = 1'-0"



REINF HOOKS **STIRRUP & TIE HOOKS**

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"



SCHEDULE		
MARK	# OF WELDS AT SUPPORTS	# OF SIDE LAP FASTENERS BETWEEN SUPPORTS
36/7	(7) 5/8" DIA WELDS	(10) SIDELAP #10 SCREWS

NOTES:
1. DECK SHALL BE ATTACHED TO ALL STRUCTURAL SUPPORTS W/ 5/8"ø PUDDLE WELDS.
2. SIDE LAPS BETWEEN STRUCTURAL SUPPORTS SHALL BE FASTENED BY #10 TEK SCREWS.
3. DECK SHALL BE ATTACHED TO ALL PERIMETER SUPPORTS WITH 5/8"ø PUDDLE WELDS AT 6" OC MAX.
4. END LAPS SHALL BE A MINIMUM OF 3" AND SHALL OCCUR OVER SUPPORTS.

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

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SCHEDULES & TYPICAL DETAILS

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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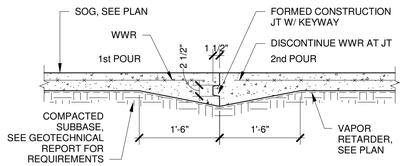
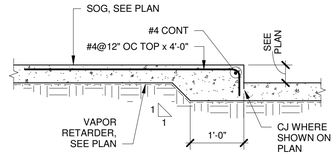
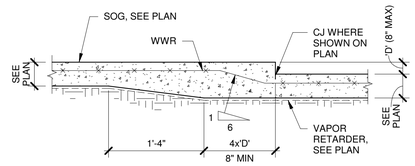


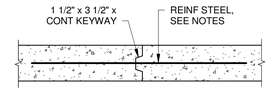
5 CONSTRUCTION JOINT AT SOG
3/4" = 1'-0"



4 DEPRESSED SOG
3/4" = 1'-0"

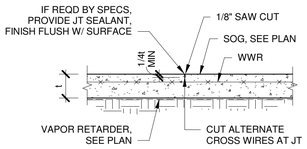


3 DEPRESSED SOG
1" = 1'-0"



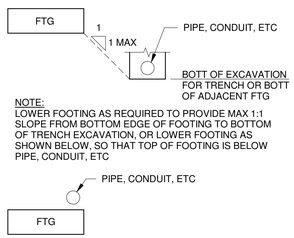
NOTES:
1. PROVIDE MINIMUM REINFORCING THROUGH JOINT AT MID-DEPTH:
   - #4 x 4'-0" @12" OC FOR 8" THK SLAB
   - #5 x 5'-0" @10" OC FOR 12" TO 14" THK SLAB
   - #5 x 6'-0" @ 8" OC FOR 16" THK SLAB
2. SEE PLAN FOR TOP AND BOTTOM REINFORCING. REINFORCING AND PT SHALL BE CONTINUOUS THROUGH JOINT.

2 CONSTRUCTION JOINT AT STRUCTURAL SLAB
3/4" = 1'-0"



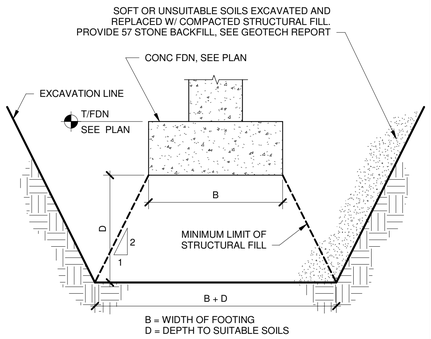
NOTE:
1. SAW CUT AS SOON AS POSSIBLE WITHOUT RAVELING CONCRETE (4 TO 6 HOURS AFTER POUR)
2. SEE GENERAL NOTES FOR CONTROL JOINT SPACING.

1 CONTROL JOINT AT SOG (CJ)
1" = 1'-0"

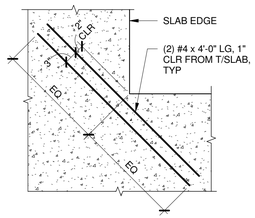


NOTE:
LOWER FOOTING AS REQUIRED TO PROVIDE MAX 1:1 SLOPE FROM BOTTOM EDGE OF FOOTING TO BOTTOM OF TRENCH EXCAVATION, OR LOWER FOOTING AS SHOWN BELOW, SO THAT TOP OF FOOTING IS BELOW PIPE, CONDUIT, ETC

10 FOUNDATION INFLUENCE
3/4" = 1'-0"



9 FOUNDATION UNDERCUTTING
3/4" = 1'-0"

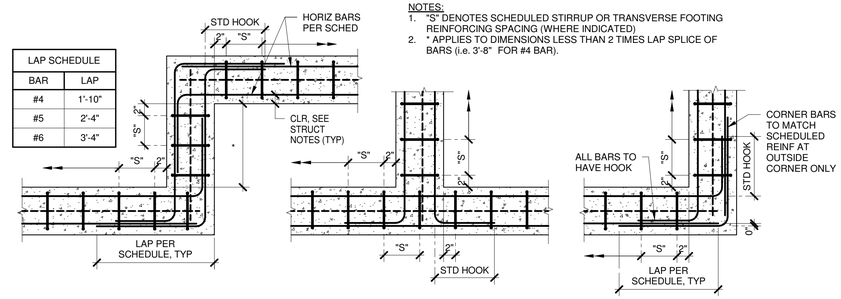


NOTE: DO NOT PLACE RE-ENTRANT BARS AT CONTROL JOINT LOCATIONS, UNLESS NOTED OTHERWISE

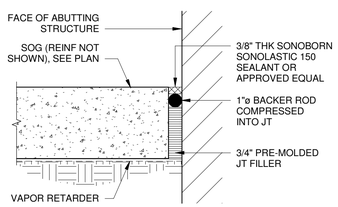
8 SOG REINF AT RE-ENTRANT CORNERS
3/4" = 1'-0"

LAP SCHEDULE	
BAR	LAP
#4	1'-10"
#5	2'-4"
#6	3'-4"

NOTES:
1. "S" DENOTES SCHEDULED STIRRUP OR TRANSVERSE FOOTING REINFORCING SPACING (WHERE INDICATED)
2. * APPLIES TO DIMENSIONS LESS THAN 2 TIMES LAP SPLICE OF BARS (i.e. 3'-8" FOR #4 BAR).

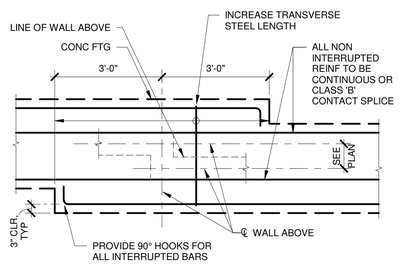


7 FOOTING / TIE BEAM CORNER REINFORCING DETAILS
1" = 1'-0"



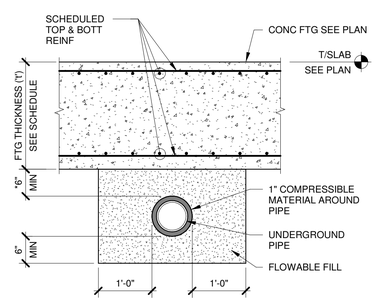
NOTES:
1. PROVIDE SEALANT FOR EXTERNAL JOINTS ONLY.
2. CLEAN AND PREPARE SURFACES TO RECEIVE SEALANT IN ACCORDANCE W/ MFR'S RECOMMENDATIONS.

15 ISOLATION JOINT AT SOG (IJ)
3" = 1'-0"



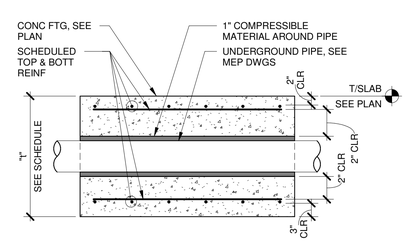
PLAN VIEW

14 FOOTING OFFSET DETAIL
1/2" = 1'-0"



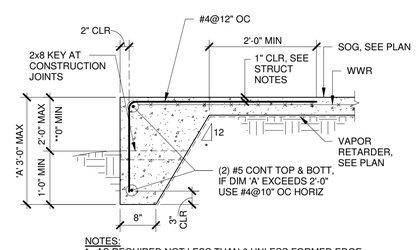
*FLOWABLE FILL SHALL BE PLACED UP TO BOTTOM OF FOOTING

13 PIPE BELOW SLAB OR FOOTING
3/4" = 1'-0"



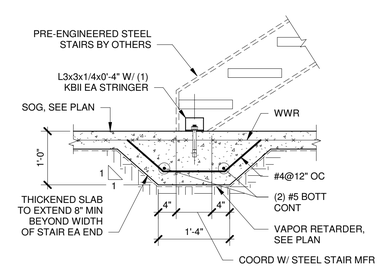
"t" DENOTES FTG THICKNESS. ADJUST THICKNESS AS REQUIRED TO PROVIDE NOTED CLEARANCES TO COMPRESSIBLE MATERIAL. PIPE TO BE LOCATED IN MIDDLE THIRD OF FOOTING THICKNESS. SEE WHEN FOOTING IS 2'-0" THICK OR LESS OR WHEN CLEARANCE TO REINFORCING CANNOT BE ACHIEVED.

12 PIPE PENETRATION THROUGH FOOTING
3/4" = 1'-0"

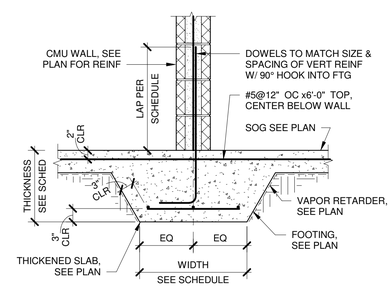


NOTES:
* AS REQUIRED NOT LESS THAN 6 UNLESS FORMED EDGE
** OR AS INDICATED ON ARCHL, COORDINATE W/ CIVIL

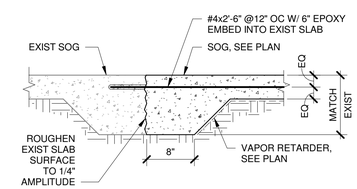
11 TURNED DOWN SLAB EDGE
3/4" = 1'-0"



18 STEEL STAIR FOOTING
3/4" = 1'-0"



17 CMU AT THICKENED SLAB FOOTING
3/4" = 1'-0"



16 SOG CONNECTION TO EXISTING
1" = 1'-0"

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TYPICAL FOUNDATION DETAILS

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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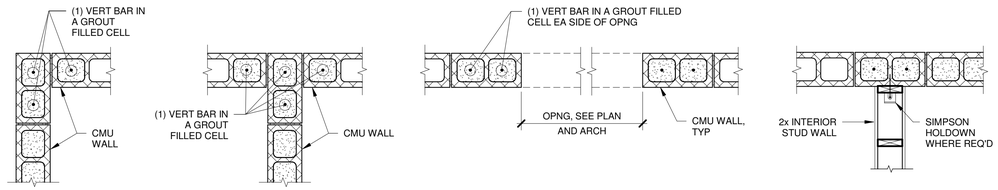
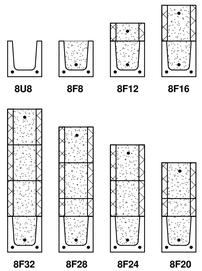


PLAN AT CORNER | **PLAN AT INTERSECTION** | **PLAN AT OPENING** | **PLAN AT WOOD WALL INTERSECTION**

SEE PLANS FOR HOLDDOWN TYPES & LOCATIONS

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

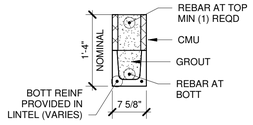
5 REINFORCING AT CMU WALL CORNERS, INTERSECTIONS AND OPENINGS
3/4" = 1'-0"



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

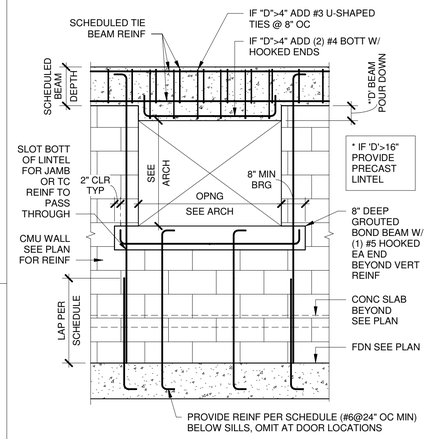
NOTES:
1. LINTELS SHALL BE "CAST-CRETE" OR EQUIVALENT PRECAST CONCRETE UNO.
2. LINTELS SHALL BEAR 8" MIN ON CMU/CONCRETE AND 3" MINIMUM ON STEEL ANGLES.



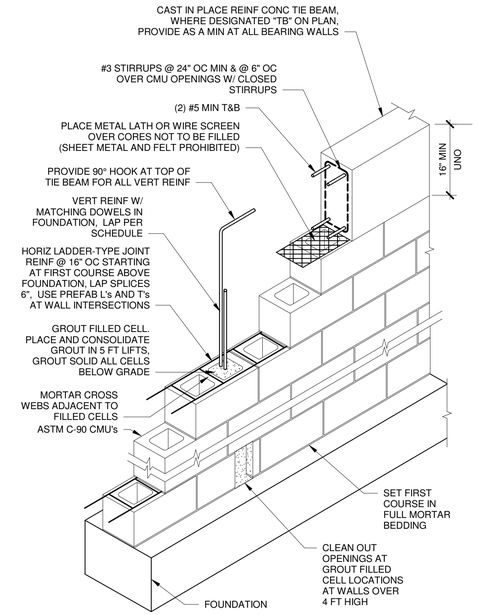
TYPE DESIGNATION

F = FILLED W/ GROUT
U = UNFILLED
8F16-1B/1T
NOMINAL WIDTH
NOMINAL HEIGHT
QTY OF #5 REBAR AT TOP
QTY OF #5 REBAR AT BOTT

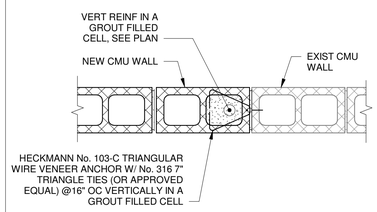
10 LINTEL SCHEDULE AND DETAILS
3/4" = 1'-0"



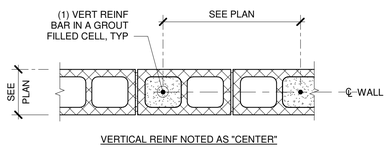
13 CMU WALL OPNG AT CONC TIE BEAM
1/2" = 1'-0"



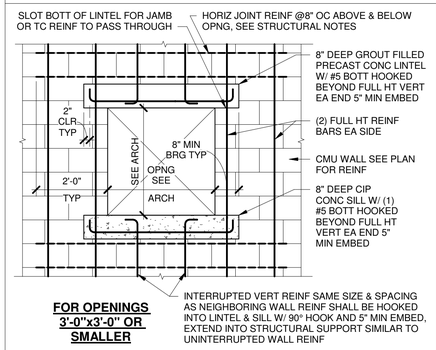
7 TYPICAL MASONRY WALL CONSTRUCTION DETAIL FOR RUNNING BOND LAYOUT
3/4" = 1'-0"



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

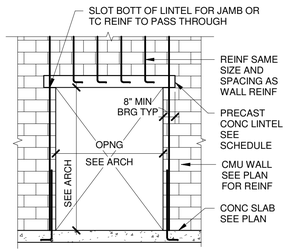


14 CMU BAR PLACEMENT REQUIREMENTS
1" = 1'-0"



FOR OPENINGS 3'-0"x3'-0" OR SMALLER

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



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

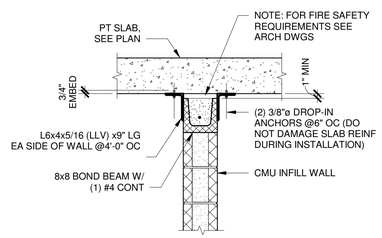
NOTES:
PROVIDE A MINIMUM OF (1) #5 VERT REINF BAR IN A GROUT FILLED CELL AT ALL WALL INTERSECTIONS, CORNERS, ENDS OF WALLS AND AT EDGES OF ALL WALL OPENINGS EXCEEDING 2'-0" IN WIDTH. INTERIOR WALLS DO NOT REQUIRE VERT REINF UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE ON PLAN. SEE TYP MASONRY (CMU) WALL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

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

SCHEDULE

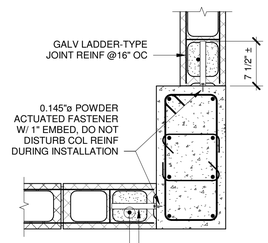
WALL THICKNESS	BAR	LAP
8"	#4	1'-8"
8"	#5	2'-1"
8"	#6	3'-7"
8"	#7	4'-11"
12"	#4	1'-8"
12"	#5	2'-1"
12"	#6	3'-3"
12"	#7	3'-10"

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



NOTE: IF CMU WALLS INTERSECT WITH CROSS WALLS SPACED LESS THAN 10'-0" OC TOP BRACING IS NOT REQUIRED.

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



STRUCTURAL COLUMN / CONCRETE WALL

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

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2310 N. FALKENBURG ROAD
TAMPA, FLORIDA 33619

TYPICAL MASONRY DETAILS

NOT FOR CONSTRUCTION

#	ISSUED FOR	DATE
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	PERMIT/BID	08.30.2024

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REVIEW BY: YA / DD

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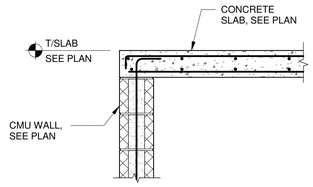
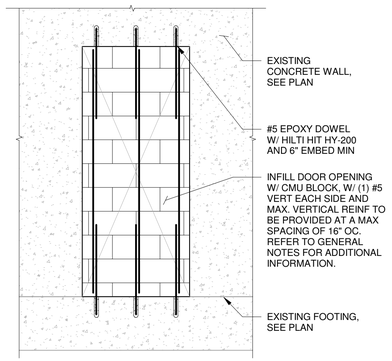
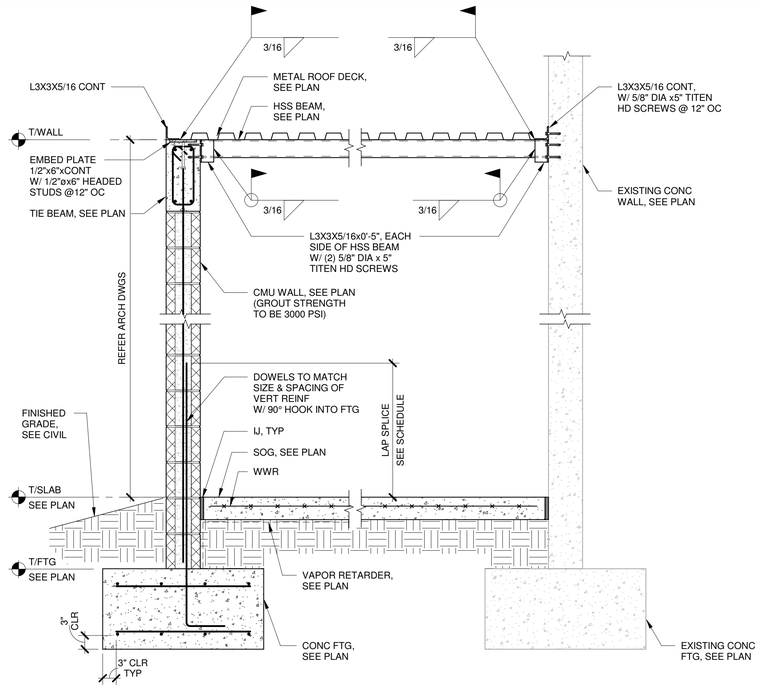


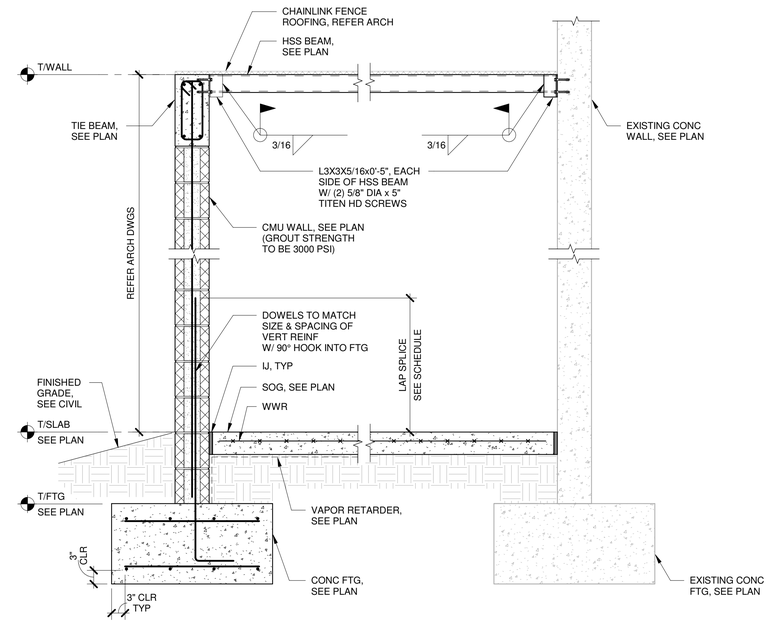
5 CONCRETE SLAB OVER CMU WALL DETAIL
3/4" = 1'-0"



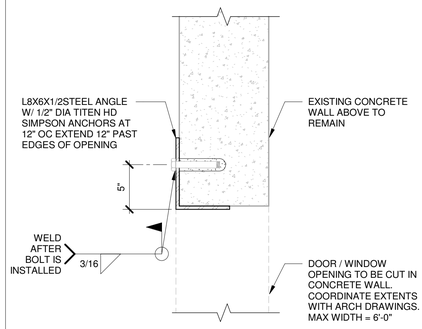
10 CMU INFIL WALL DETAIL
1/2" = 1'-0"



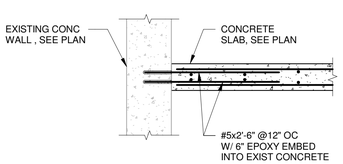
9 SECTION AT EXERCISE YARD- 2
3/4" = 1'-0"



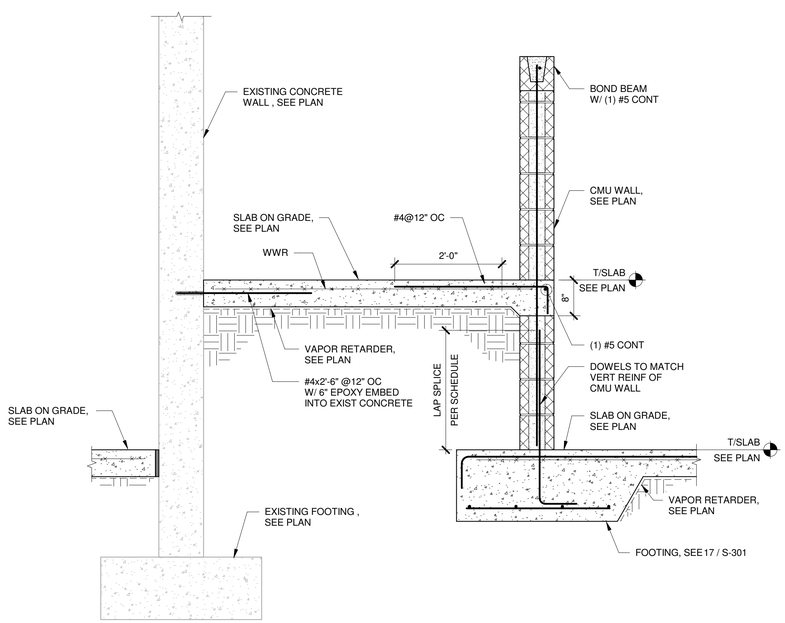
7 SECTION AT EXERCISE YARD- 1
3/4" = 1'-0"



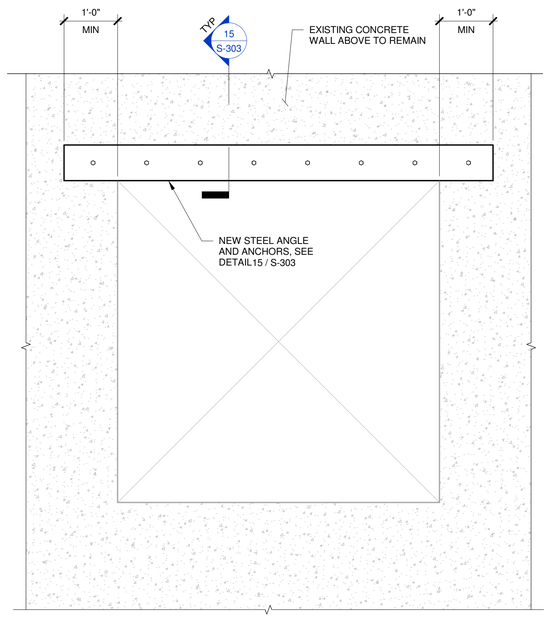
15 SECTION AT ANGLE SUPPORT TO EXIST CONCRETE WALL
1 1/2" = 1'-0"



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



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



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

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SECTIONS & DETAILS

NOT FOR CONSTRUCTION

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	REVIEW	08.14.2024
	PERMIT/BID	08.30.2024

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REVIEW BY: YA / DD

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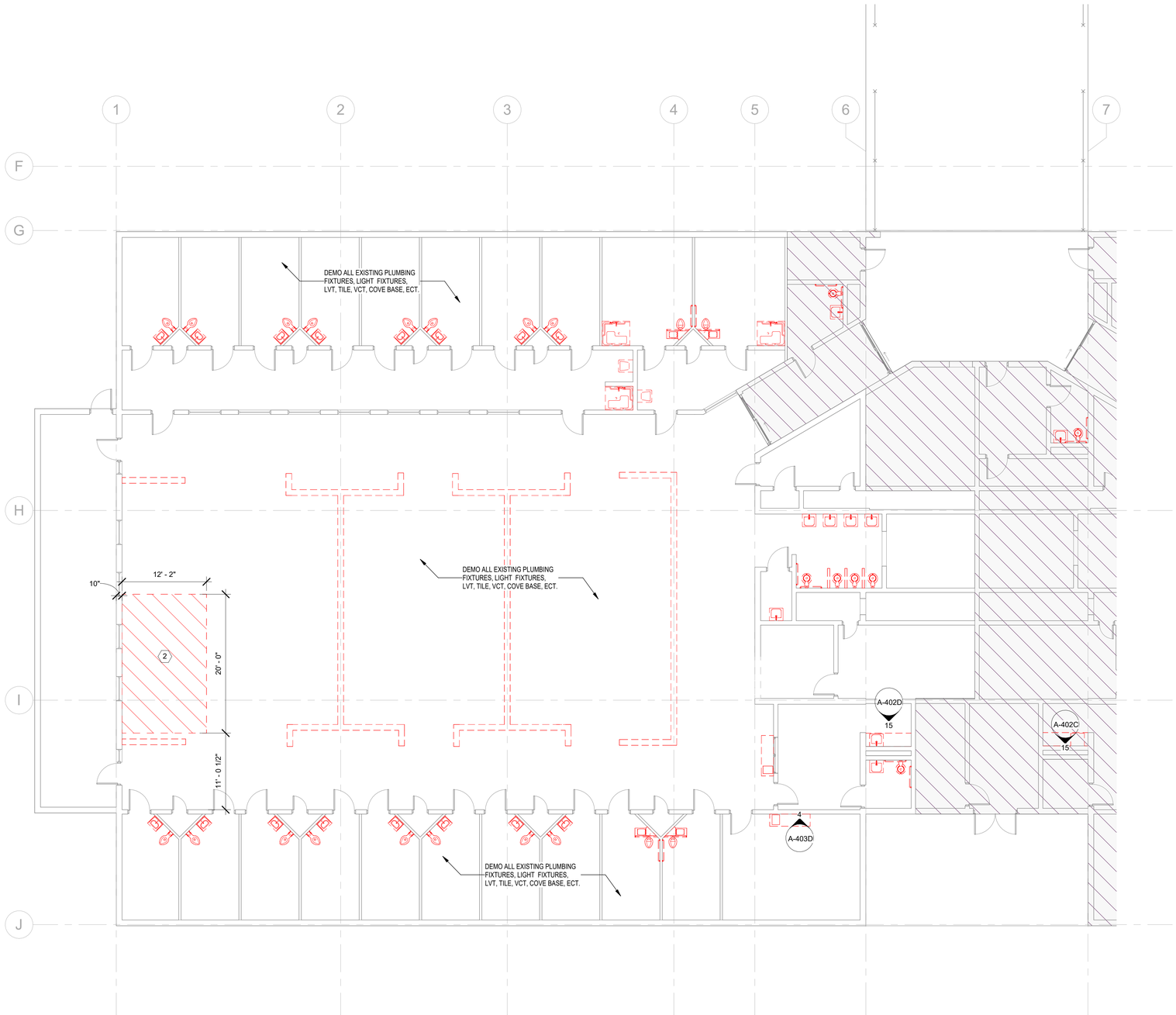


1 DEMOLITION PLAN JID
1/8" = 1'-0"

DEMOLITION FLOOR PLAN LEGEND

EXISTING WALL TO REMAIN

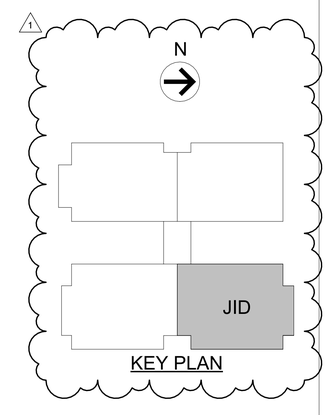
WALL TO BE DEMOLISHED

DEMOLITION GENERAL NOTES

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

DEMOLITION KEYED NOTES

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



KEY PLAN

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HCSO MENTAL HEALTH POD

520 N FALKENBURG ROAD
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DEMOLITION FLOOR PLAN - JID

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

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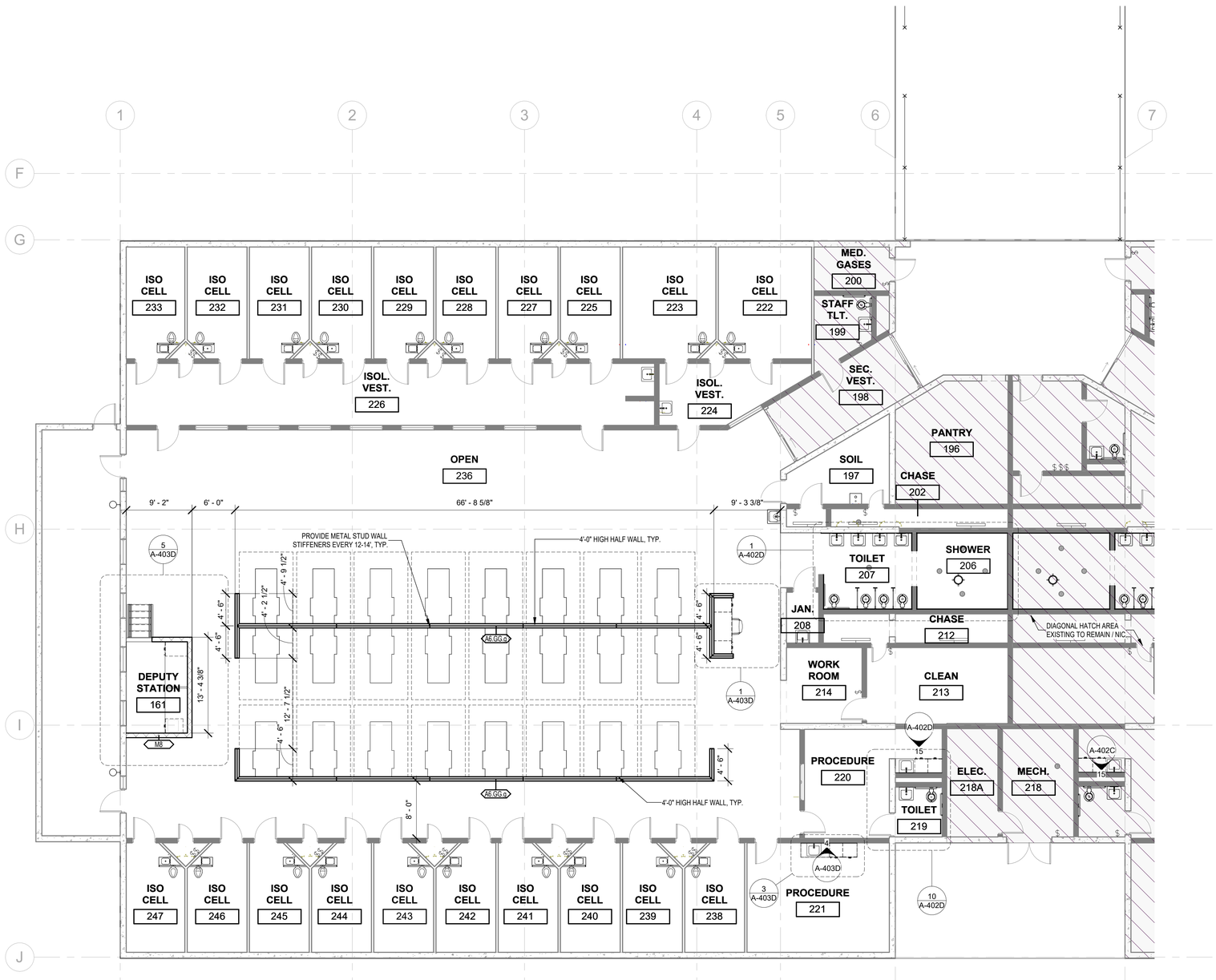
GENERAL SHEET NOTES:

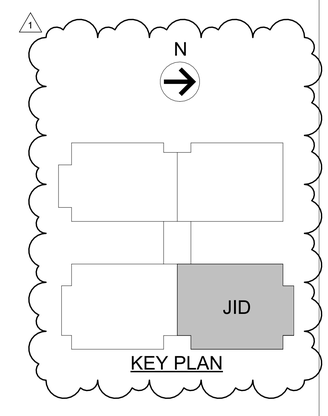
1. CONTRACTOR TO VERIFY ALL DIMENSIONS, NOTIFY ARCHITECT WITH ANY DIMENSIONAL CONFLICTS.
2. FURNITURE SHOWN FOR REFERENCE ONLY, NOT INCLUDED IN SCOPE OF WORK. ALL FF&E, INCLUDING INMATE BEDS, TABLES, AND CHAIRS, TO BE OWNER FURNISHED AND CONTRACTORS INSTALLED (OFCI)
3. SEE G-005 FOR WALL DESIGN DETAILS 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"



KEY PLAN

THE LUNZ GROUP

HCSO MENTAL HEALTH POD

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OVERALL FLOOR PLAN - JID

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1	ADDENDUM #1	09.20.24

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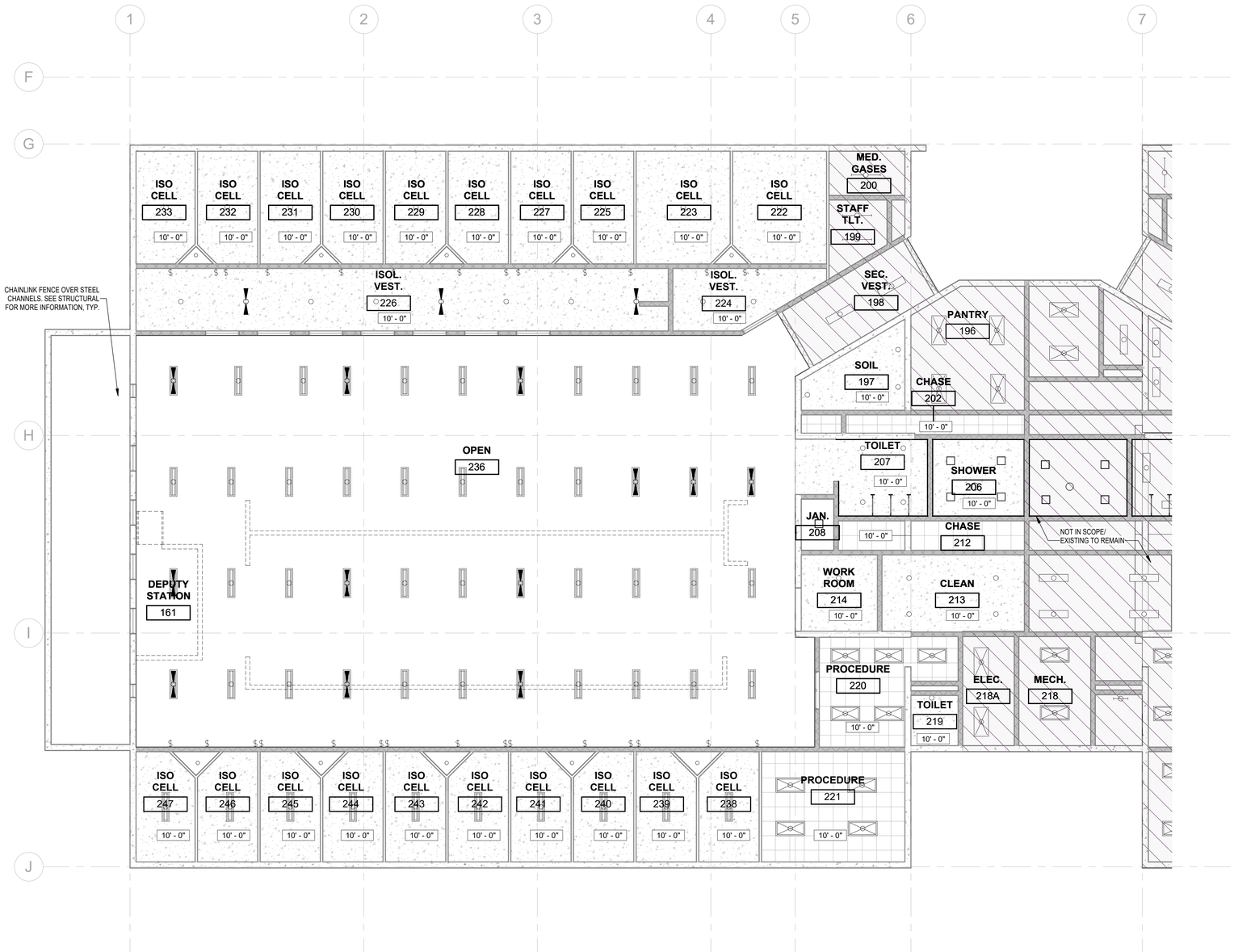

1 REFLECTED CEILING PLAN
1/8" = 1'-0"

CEILING GENERAL NOTES:

1. SEE ELECTRICAL DRAWINGS FOR EXACT LOCATION OF LIGHT FIXTURES
2. SEE MECHANICAL DRAWINGS FOR LOCATION OF DIFFUSERS / RETURNS
3. COORDINATE LOCATION OF FIXTURES AND MECHANICAL COMPONENTS WITH MECHANICAL / ELECTRICAL DRAWINGS IN REFERENCE TO ARCHITECTURAL LAYOUT. IN THE EVENT OF CONFLICTS CONTACT ARCHITECT.
4. CEILING GRID SHOWN FOR REFERENCE ONLY. CONTRACTOR TO COORDINATE WITH THE ALIGNMENT SO AS TO KEEP CONTINOUS GRID LINES AS SYMMETRICAL AS POSSIBLE.
5. CONTRACTOR TO ALIGN START PATTERN OF GRID TO MINIMIZE SMALLER SIZES OF CEILING GRID.

CEILING PLAN LEGEND

- 2'x4' SUSPENDED ACOUSTICAL CEILING
- 2'x2' SUSPENDED ACOUSTICAL CEILING
- GYPSUM BOARD CEILING
- STUCCO ON METAL LATHE
- EXPOSED METAL DECK
- 2x2 LIGHTING FIXTURE
- 2x4 LIGHTING FIXTURE
- WALL MOUNTED LIGHTING FIXTURE
- DOWNLIGHT FIXTURE
- SURFACE MOUNTED FIXTURE
- PENDANT LIGHTING FIXTURE
- DIRECTIONAL EXIT FIXTURE
- CEILING RETURN
- CEILING SUPPLY
- CEILING EXHAUST

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REFLECTED CEILING PLAN - JID

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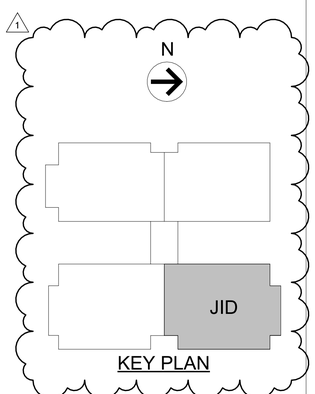
	PERMIT/BID	08.30.24
1	ADDENDUM #1	09.20.24



KEY PLAN

DRAWN BY: --
REVIEW BY: Project Manager

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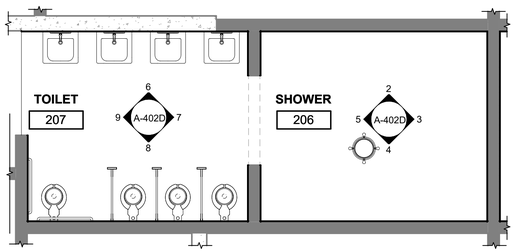
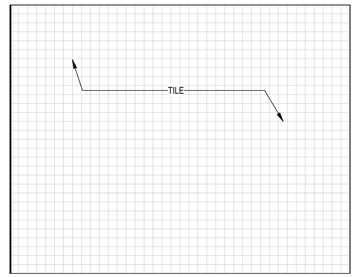
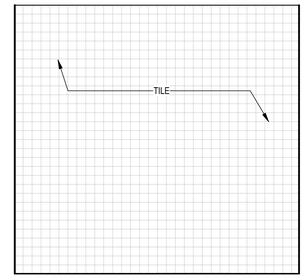
TOILET ACCESSORIES			
MARK	DESCRIPTION	MANUFACTURER	COMMENTS
	<varies>	<varies>	<varies>
2	STAINLESS STEEL SECURITY MIRROR	ACORN, MODEL 1817-A	FRONT MOUNT, INTEGRAL FRAME
4	TOILET PAPER HOLDER	ACORN, MODEL 1840	



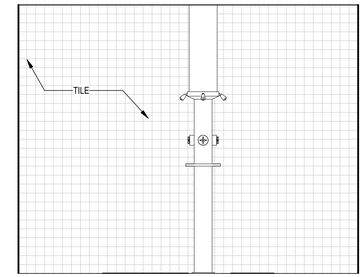
1 ENLARGED SHOWER 206 & TOILET 207 PLAN
1/4" = 1'-0"



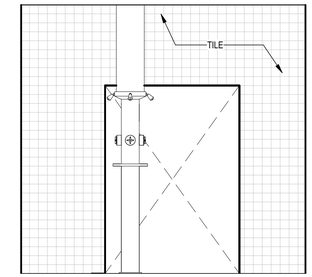
2 SHOWER 206 ELEV 1
3/8" = 1'-0"



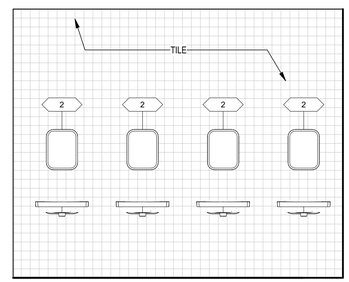
3 SHOWER 206 ELEV 2
3/8" = 1'-0"



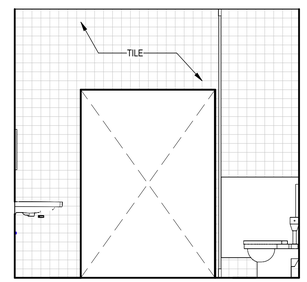
4 SHOWER 206 ELEV 3
3/8" = 1'-0"



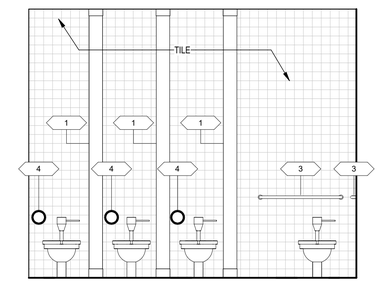
5 SHOWER 206 ELEV 4
3/8" = 1'-0"



6 TOILET 207 ELEV 1
3/8" = 1'-0"



7 TOILET 207 ELEV 2
3/8" = 1'-0"



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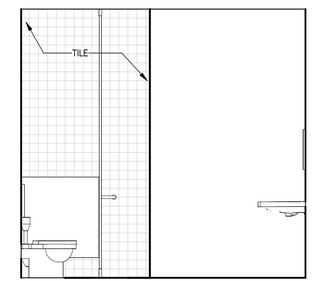
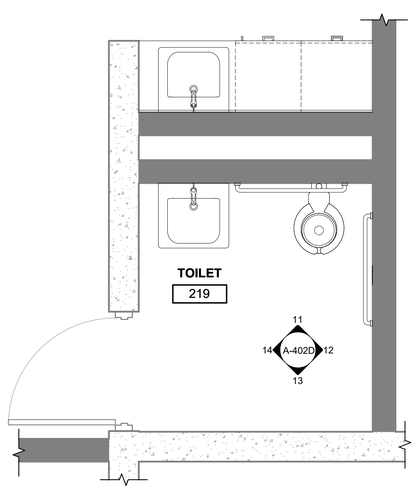
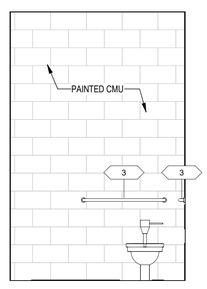
3/8" = 1'-0"



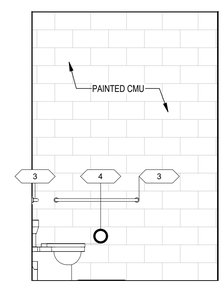
9 TOILET 207 ELEV 4
3/8" = 1'-0"



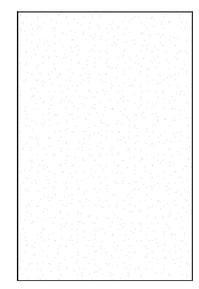
10 ENLARGED TOILET 219 PLAN
1/2" = 1'-0"



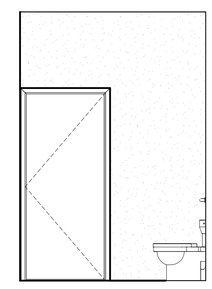
11 TOILET 219 ELEV 1
3/8" = 1'-0"



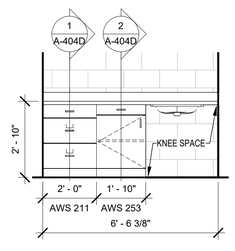
12 TOILET 219 ELEV 2
3/8" = 1'-0"



13 TOILET 219 ELEV 3
3/8" = 1'-0"



14 TOILET 219 ELEV 4
3/8" = 1'-0"



15 PROCEDURE 220 CASEWORK ELEVATION
3/8" = 1'-0"

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ENLARGED RESTROOM PLANS AND ELEVATIONS - JID

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	REVIEW	08.14.24
	PERMIT/BID	08.30.24

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REVIEW BY: Project Manager

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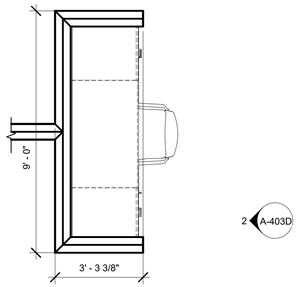
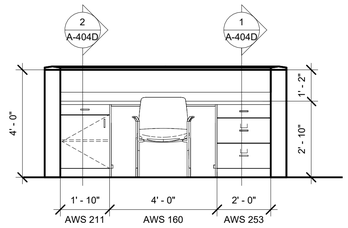
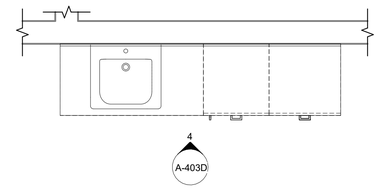


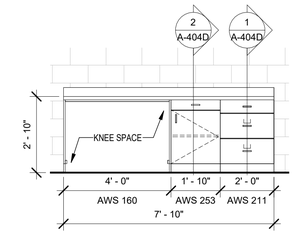
1 OPEN DEPUTY DESK PLAN
3/8" = 1'-0"



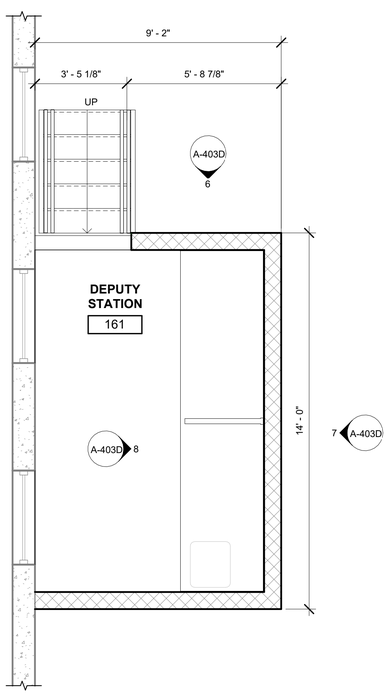
2 OPEN DEPUTY DESK ELEVATION
3/8" = 1'-0"



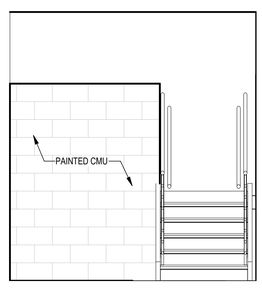
3 ENLARGED PROCEDURE 221 PLAN
1/2" = 1'-0"



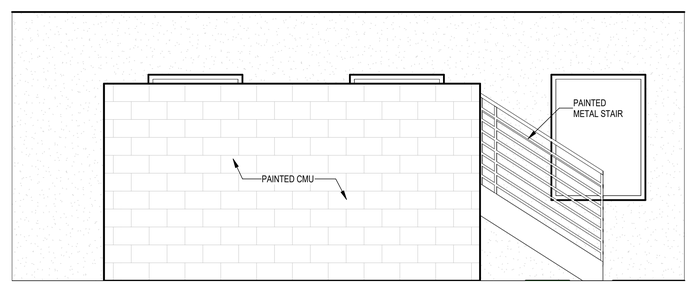
4 PROCEDURE 221 CASEWORK ELEVATION
3/8" = 1'-0"



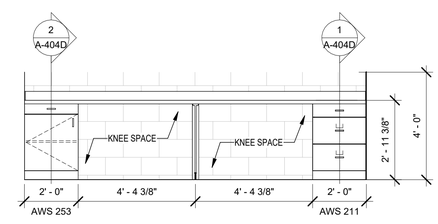
5 ENLARGED PLAN DEPUTY STATION
3/8" = 1'-0"



6 DEPUTY STATION 161 ELEV 1
3/8" = 1'-0"



7 DEPUTY STATION 161 ELEV 2
3/8" = 1'-0"



8 DEPUTY STATION 161 ELEV 3
3/8" = 1'-0"

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MILWORK ELEVATIONS AND DETAILS - JID

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	PERMIT/BID	08.30.24

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REVIEW BY: Project Manager

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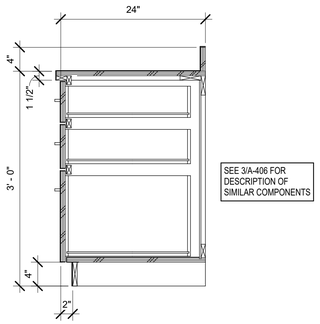
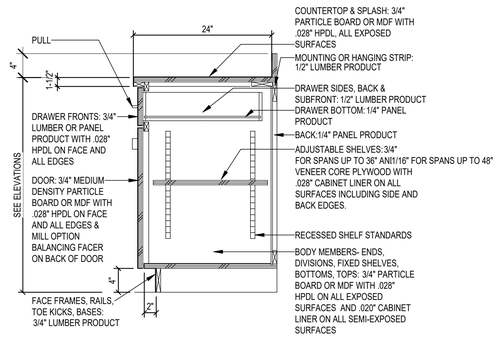
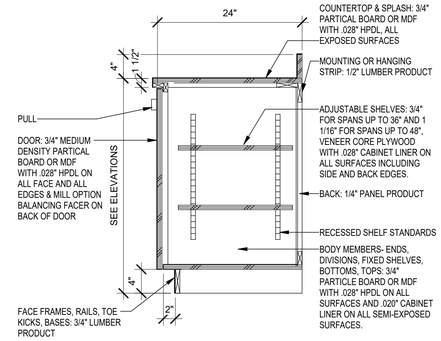


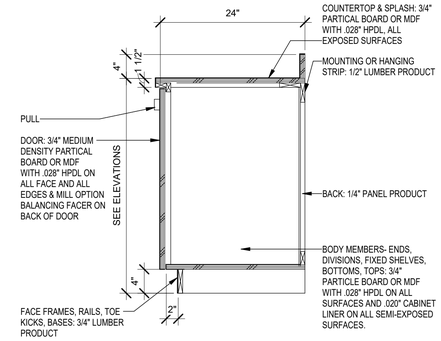
1 BASE CABINET - 2 SMALL/1 LARGE DRAWER
1" = 1'-0"



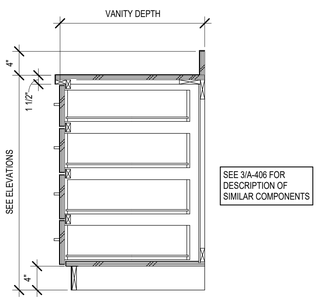
2 BASE CABINET - LAMINATE DRAWER
1" = 1'-0"



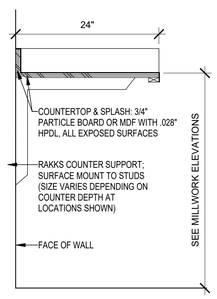
3 BASE CABINET - ONE DOOR (LAMINATE)
1" = 1'-0"



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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MILLWORK DETAILS - JID

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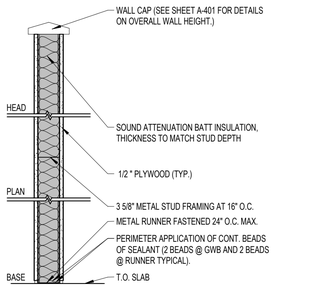
STUD PARTITIONS

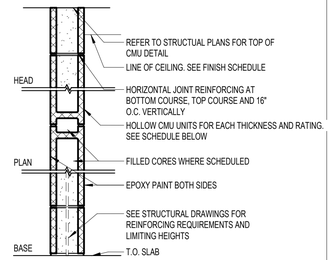


A6.GG.g	4 7/8"	VARIES	NON-LOAD BEARING

STUD PARTITIONS

FURRING PARTITIONS

CMU PARTITIONS



M8	7 5/8"	VARIES	NON-LOAD BEARING

UL FIRE RATED PARTITIONS

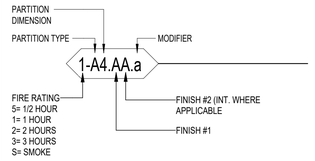
GENERAL NOTES: PARTITION SCHEDULE

1. THIS SHEET IS TO BE USED IN CONJUNCTION WITH THE PROJECT
2. SPECIFICATIONS.
   PROVIDE MOLD RESISTANT GYPSUM WALL BOARD AT ALL PARTITIONS U.O.N.
   ALL REFERENCES TO GYPSUM BOARD, GWB, OR GYP BOARD, ETC. ARE MEANT
3. TO REFER TO MOLD RESISTANT GYPSUM BOARD, U.O.N.
   ALL FIRE RATED PARTITIONS SHALL HAVE FIRE RATED TYPE "X" MOLD
4. RESISTANT GYPSUM BOARD, U.O.N.
   PROVIDE CEMENT BOARD AT TILED AREAS THAT SURROUND TUB, SHOWERS,
5. TUB/SHOWERS
   PROVIDE WATER RESISTANT TILE BACKING BOARD AT ALL OTHER AREAS THAT
6. RECEIVE WALL TILE.
   PROVIDE IMPACT-RESISTANT GYPSUM DRYWALL AT PARTITIONS MAKING UP THE EXIT ENCLOSURES AND ELEVATOR HOISTWAY ENCLOSURES. WALLBOARD SHALL MEET OR EXCEED ABUSE RESISTANT CLASSIFICATION LEVEL 2 AS MEASURED BY ASTM C1629 / C1629M. ASSEMBLY SHALL BE 2 HR RATED MIN.,
7. STUDS SHALL BE 3 5/8" MIN. 20 GA., PLACED AT 16" O.C. MAX.
   INCREASE GAUGE THICKNESS AND/OR DECREASE STUD SPACING AND/OR CROSS BRACING AS REQUIRED TO MEET DEFLECTION CRITERIA AND WHERE LIMITING HEIGHTS ARE EXCEEDED. REFERENCE SPECIFICATION FOR DESIGN PRESSURES AND ALLLOWABLE DEFLECTIONS. IN ALL CASES THE UL AND STC
8. RATING IS TO BE MAINTAINED.
9. REFERENCE PLANS AND EGRESS PLANS FOR EXTENT OF FIRE RATED PARTITIONS.
   RATED PARTITIONS INCLUDING BUT NOT LIMITED TO APARTMENT DEMISING
10. PARTITIONS ARE TO BE COMPLETED PRIOR TO NON-RATED WALLS TO ENSURE CONTINUITY OF BOTH ACOUSTICAL AND FIRE RATINGS.
11. ALL CORNERS AT SHAFT WALL ENCLOSURES TO BE BUILT AT 90 DEGREE ANGLES ONLY.
12. ALL REQUIRED FIRE RATINGS ARE TO RUN CONTINUOUSLY AND
13. UNINTERRUPTED BOTH HORIZONTALLY AND VERTICALLY TO UL APPROVED TERMINATION.
    ALL WOOD USED WITHIN METAL PARTITIONS SHALL BE FIRE-RETARDANT
14. TREATED.
    ALL PARTITIONS DESIGNATED TO HAVE A FIRE RATING ARE TO STRICTLY
15. ADHERE TO UL APPROVED ASSEMBLY REQUIREMENTS. IN THE CASE OF ANY
16. DISCREPANCIES, NOTIFY ARCHITECT PRIOR TO CONSTRUCTION.
    SEAL ALL PENETRATIONS AT FIRE RATED ASSEMBLIES USING UL APPROVED
17. MATERIAL OR SYSTEM.
    MAINTAIN FIRE RATING AROUND RECESSED FIXTURES.
18. PARTITIONS TO RECEIVE TILE, GLASS, OR SUPPORT WALL HUNG EQUIPMENT SHALL HAVE A MAXIMUM DEFLECTION OF L/360.
19. PROVIDE NECESSARY CONCEALED METAL REINFORCING FOR ALL WALL-MOUNTED ITEMS. CM TO COORDINATE ALL LOCATIONS.
20. CM TO COORDINATE APPLICATION OF CONTINUOUS INSULATION, AIR BARRIER AND VAPOR BARRIER THROUGHOUT THE BUILDING PERIMETER.
    ALL WET-SPACE PIPING IS TO BE ATTACHED TO THE WET-SPACE SIDE OF THE PARTITION ONLY.
    GRAB BARS, SHOWER SEATS, AND DRESSING ROOM BENCH SEATS SHALL BE INSTALLED SO THAT THEY CAN SUPPORT A SINGLE CONCENTRATED LOAD OF 250 POUNDS.
21. ALL WALL PANEL JOINTS SHALL BE STAGGERED, FROM BASE LAYER WITH FACE PANEL LAYER.
22. ALL FURRING WALL PARTITIONS AND ALL CHASE WALLS TO BE VERTICALLY BRACED @ 4'-0" O.C. MIN.

ACOUSTIC NOTES: PARTITION SCHEDULE

1. INSTALL ACOUSTICALLY RATED ASSEMBLIES TO MEET OR EXCEED THE MINIMUM STC RATING NOTED ON THE DRAWINGS AND SPECIFICATIONS (STC 50 TYPICALLY). 25 GUAGE STUDS AT 24" O.C. OR 20 GUAGUE EQUIVALENT STUDS ARE ACCEPTABLE AS ALTERNATE TO AS NOTED PROVIDED REQUIRED SPANS
2. AND DEFLECTIONS ARE MET.
   DO NOT LOCATE OUTLET BOXES OPPOSITE ONE ANOTHER IN ANY PARTITION, LOCATE AT LEAST ONE STUD APART. SEAL THE OUTLET BOXES WITH PUTTY PADS AND CAULK THE PERIMETER USING ACOUSTICAL SEALANT. AT RATED
3. PARTITIONS, LOCATE OUTLET BOXES AT LEAST 24" APART.
   PARTITIONS CONTAINING RECESSED ELEMENTS (E.G. TELEVISIONS) TO BE
4. PROPERLY BLOCKED AND SEALED TO MAINTAIN REQUIRED STC RATING.
   WHERE GYPSUM BOARD CEILINGS MEET WALLS, HOLD THE GYPSUM BOARD CEILINGS BACK FROM THE FACE OF THE INTERSECTING WALL AND CAULK AIRTIGHT WITH A CONTINUOUS BEAD OF ACOUSTIC SEALANT. WHERE
5. NECESSARY, USE FOAM BACKER ROD TO PROVIDE A SURFACE AGAINST WHICH TO CAULK.
6. AT CORNERS, HOLD THE LAST LAYER OF GYPSUM BOARD FROM THE FACE OF THE INTERSECTING WALL AND CAULK WITH A CONTINUOUS BEAD OF ACOUSTICAL SEALANT.
   CM TO COORDINATE INSULATION AS REQUIRED TO MEET UL ASSEMBLY REQUIREMENTS.

WALL TAG LEGEND



PARTITION TYPE

A. STUD (METAL)
B. BRICK
C. CONCRETE
D. DOUBLE WALL
E. EXTERIOR
F. FURRING
M. CMU
P. PLUMBING
R. STUD (WOOD)
S. SEPERATION
X. CHASE
Z. SHEAR

PARTITION DIMENSION

0. 7/8" FURRING CHANNEL
1. 1 1/2" OR1 5/8" STUD
2. 2 1/2" STUD
3. 3 1/2" OR 3 5/8" STUD
4. 4" CONCRETE, MASONRY , OR
5. STUD
   5 1/2" STUD
6. 6" CONCRETE, MASONRY, OR
8. STUD
10. 8" CONCRETE OR MASONRY
    10" CONCRETE OR MASONRY
12. 12" CONCRETE OR MASONRY

APPLIED FINISH

A. 1 LAYER 5/8" GYP BD
B. 2 LAYER 5/8" GYP BD
C. 1 LAYER 5/8" GYP BD (TYPE X)
D. 2 LAYER 5/8" GYP BD (TYPE X)
E. 1 LAYER 5/8" MOISTURE RESISTANT
F. BD
   1 LAYER 1/2" CEMENT BD
G. 1 LAYER PLYWOOD (SEE PLANS FOR SIZE)

MODIFIERS

a. PARTITION INCLUDE BATT INSULATION. MATCH THICKNESS TO STUD SIZE (1" FOR 1 1/2" STUDS, 2" FOR 2 1/2" STUDS. 3" FOR 3 5/8" STUD. 6" FOR 6" STUD.).
b. PARTITION INCLUDE THERMAL BATT INSULATION. MATCH THICKNESS TO STUD SIZE (1" FOR 1 1/2" STUDS, 2" FOR 2 1/2" STUDS. 3" FOR 3 5/8" STUD. 6" FOR 6" STUD.).
c. PARTITION INCLUDE SOUND ATTENUATION BATT INSULATION. MATCH THICKNESS TO STUD SIZE (1" FOR 1 1/2" STUDS, 2" FOR 2 1/2" STUDS. 3" FOR 3 5/8" STUD. 6" FOR 6" STUD.) 24"
d. BATT TO EITHER SIDE OF PARTITION AT CEILING.
   PARTITION INCLUDES ONE ADDITIONAL 5/8" THICK LAYER OF TILE BACKER BOARD
e. (BATHTUB SIDE).
f. PROVIDE 25 GA STUD [TO MEET ACOUSTICAL REQUIREMENTS].
g. FULLY GROUTED.
h. PARTIAL HEIGHT WALL - REFER TO ELEVATIONS FOR ADDITIONAL INFO.
i. AIR SEAL PARTITION IN ACCORDANCE WITH SPEC SECTION 018115.
j. COORDINATE WITH DETAILS.
k. COORDINATE WITH EXTERIOR WALL DETAILS.
l. PARTITION TO RECEIVE PLYWOOD ON THE SIDE OF TAG.
m. AT FACE OF SERVICE CORRIDOR WALLS, ADD X" ALUMINUM DIAMOND PLATE FROM FINSHED FLOOR TO 4'-0" ABOVE FLOOR. PLATE SHALL BE APPLIED WITH
n. COUNTERSUNK SCREWS INTO STUDS.
   1" UNBRIDGED AIRSPACE BETWEEN ELEVATOR SHEAR WALL AND STUD, WITH MIN 3"
o. BATT INSULATION.
p. INCLUDE STIFFENER CHANNELS.
q. PROVIDE 16 GUAGE STUDS AT PLUMBING CHASE WALL AT WALL HUNG TOILET.
r. STUD SPACING TO BE 12" O.C.
s. STUD SPACING TO BE 24" O.C.
u. PARTITION INCLUDES EXTERIOR INSULATION FINISH SYSTEM.
   UL RATED WALL ASSEMBLY

LEGEND: WALL TYPE VIEW TITLE

UL # WALL CONSTRUCTION COMPLIANCE

THE LUNZ GROUP

HCSO MENTAL HEALTH POD

520 N FALKENBURG ROAD
TAMPA, FLORIDA 33619

WALL TYPES - JID

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REVIEW BY: Project Mainager

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ROOM SCHEDULE JID						
NUMBER	NAME	CEILING FINISH	WALL FINISH	BASE FINISH	FLOOR FINISH	COMMENTS
161	DEPUTY STATION	EXPOSED	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
197	SOIL	ACT	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
202	CHASE	ACT	PAINT			
206	SHOWER	SEALED CONCRETE	TILE	TILE	TILE	
207	TOILET	SEALED CONCRETE	TILE	TILE	TILE	
208	JAN.	SEALED CONCRETE	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
212	CHASE	ACT	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
213	CLEAN	SEALED CONCRETE	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
214	WORK ROOM	ACT	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
219	TOILET	SEALED CONCRETE	TILE	TILE	TILE	
220	PROCEDURE	ACT	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
221	PROCEDURE	ACT	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
222	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
223	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
224	ISOL. VEST.	SEALED CONCRETE	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
225	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
226	ISOL. VEST.	SEALED CONCRETE	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
227	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
228	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
229	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	

ROOM SCHEDULE JID						
NUMBER	NAME	CEILING FINISH	WALL FINISH	BASE FINISH	FLOOR FINISH	COMMENTS
230	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
231	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
232	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
233	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
236	OPEN	EXPOSED	PAINT	RB	VCT	VCT & BASE TO BE OF/CI
238	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
239	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
240	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
241	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
242	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
243	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
244	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
245	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
246	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	
247	ISO CELL	SEALED CONCRETE	PAINT		SEALED CONCRETE	

GENERAL NOTES:

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

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

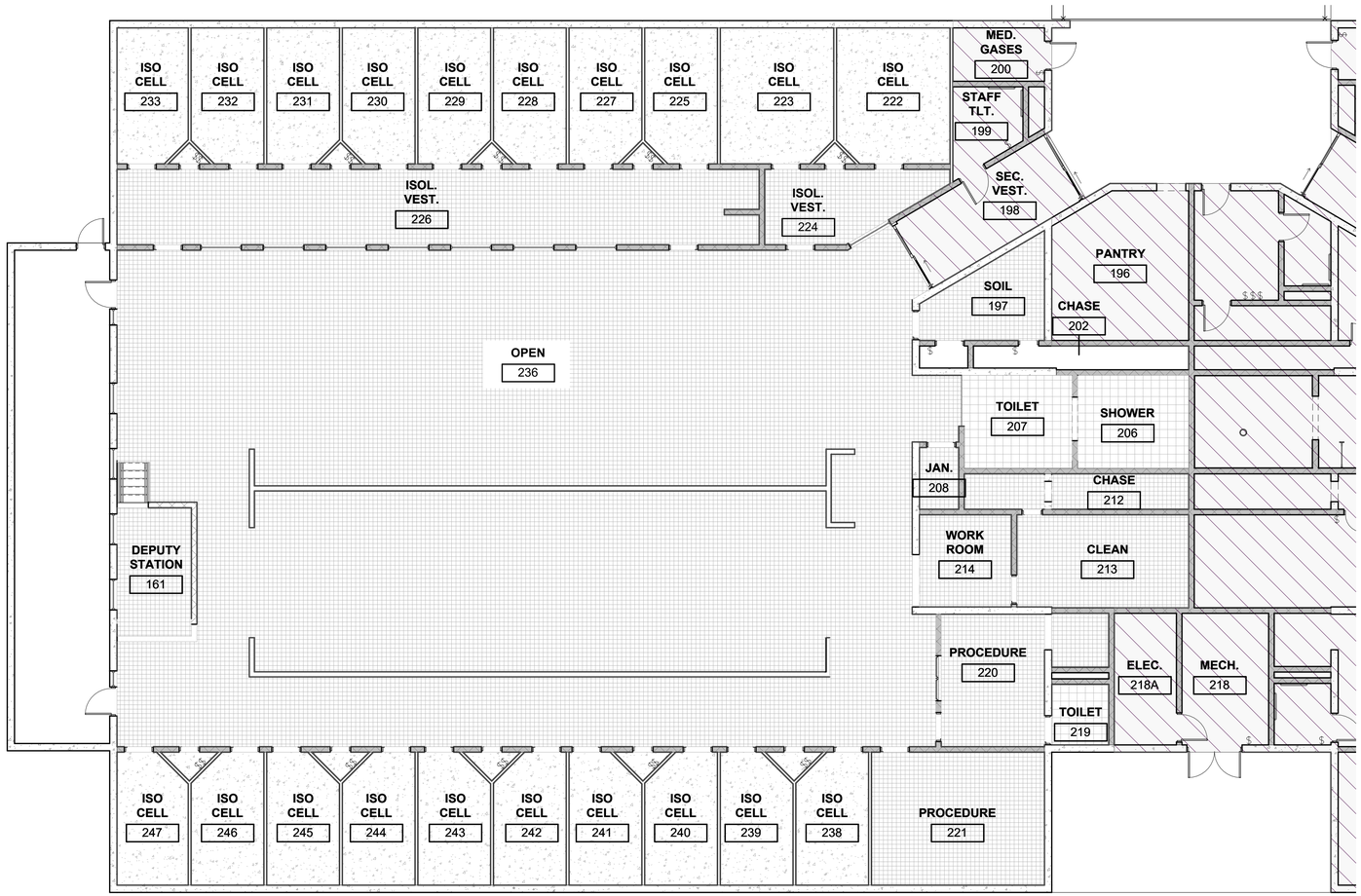
NOTE: SEE SHEET G-006 (GENERAL NOTES & ABBREVIATION) FOR ANY ADDITIONAL ABBREVIATIONS

FLOORING FINISH KEY

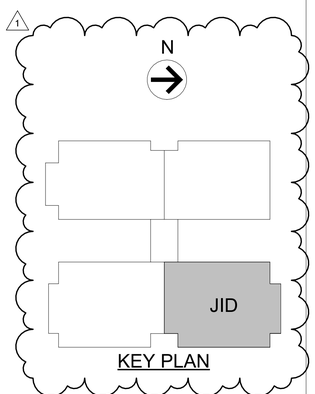
SEALED CONCRETE

CERAMIC TILE

LVT (OF/O1)



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



KEY PLAN

THE LUNZ GROUP

HCSO MENTAL HEALTH POD

520 N FALKENBURG ROAD
TAMPA, FLORIDA 33619

ROOM FINISH PLAN AND SCHEDULE JID

#	ISSUED FOR	DATE
1	ADDENDUM #1	09.20.24

DRAWN BY: --
REVIEW BY: Project Manager

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ELECTRICAL ABBREVIATIONS LIST

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

ELECTRICAL SYMBOL LEGEND

(MOUNTING HEIGH TO CENTER LINE OF BOX, UNLESS NOTED OTHERWISE)

SYMBOL	DESCRIPTION
	2X4 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	2X4 CRITICAL BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	2X4 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	2X2 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	2X2 CRITICAL BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	2X2 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	1X4 FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	1X4 CRITICAL BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	1X4 LIFE SAFETY BRANCH FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED - TYPE AS SPECIFIED
	4' LINEAR INDUSTRIAL STRIP FIXTURE - TYPE AS SPECIFIED
	4' CRITICAL BRANCH LINEAR INDUSTRIAL STRIP FIXTURE - TYPE AS SPECIFIED
	4' LIFE SAFETY BRANCH LINEAR INDUSTRIAL STRIP FIXTURE - TYPE AS SPECIFIED
	RECESSED CAN LIGHT - TYPE AS SPECIFIED
	RECESSED CAN LIGHT - TYPE AS SPECIFIED
	LIGHTING FIXTURE - PENDANT MOUNTED - TYPE AS SPECIFIED
	CRITICAL BRANCH LIGHTING FIXTURE - PENDANT MOUNTED - TYPE AS SPECIFIED
	WALL SCONCE LIGHTING FIXTURE - SURFACE MOUNTED - TYPE AS SPECIFIED
	CRITICAL BRANCH WALL SCONCE LIGHTING FIXTURE - SURFACE MOUNTED - TYPE AS SPECIFIED
	EXTERIOR POLE MOUNTED FIXTURE - TYPE AS SPECIFIED
	EXTERIOR POST TOP MOUNTED FIXTURE - TYPE AS SPECIFIED
	SELF CONTAINED EMERGENCY LIGHTING UNIT - TYPE AS SPECIFIED
	COMBINATION EXIT SIGN & SELF CONTAINED EMERGENCY LIGHTING UNIT - TYPE AS SPECIFIED
	EXIT LIGHT, CEILING-MOUNTED, SHADING AND ARROWS INDICATE FACES AND DIRECTION
	EXIT LIGHT, WALL-MOUNTED, SHADING AND ARROWS INDICATE FACES AND DIRECTION
$ ^{LV} ^{3} ^{4}	SINGLE-POLE, LOW VOLTAGE, 3-WAY AND 4-WAY SWITCHES (48" AFF)
^{D}	LOCAL WALL DIMMER SWITCH (48" AFF)
^{F}	FAN SWITCH (48" AFF)
	WALL MOUNTED OCCUPANCY SENSOR SWITCH; DUAL TECHNOLOGY (PASSIVE INFRARED/ULTRASONIC)
OS VS	CEILING MOUNTED OCCUPANCY/VACANCY SENSOR; DUAL TECHNOLOGY (PASSIVE INFRARED/ULTRASONIC)
DS	DAYLIGHT SENSOR
RC	ROOM CONTROLLER (REFER TO PLANS)
LR	LIGHTING RELAY (UL924 GENERATOR TRANSFER DEVICE)
T	TIME CLOCK (REFER TO PLANS)

SYMBOL	DESCRIPTION
	SIMPLEX RECEPTACLE (18" AFF, UON)
	DUPLEX RECEPTACLE (18" AFF, UON)
	DUPLEX RECEPTACE 6" ABOVE COUNTER BACKSPLASH OR 48" AFF
	DOUBLE DUPLEX RECEPTACLE (18" AFF, UON)
	DOUBLE DUPLEX RECEPTACE 6" ABOVE COUNTER BACKSPLASH OR 48" AFF
	TOP SWITCHED OUTLET, AS NOTED ON PLANS
	TOP AND BOTTOM SWITCHED OUTLET, AS NOTED ON PLANS
	USB RECEPTACLE COMBINATION
	DUPLEX RECEPACLE - FLOOR MOUNTED
	DOUBLE DUPLEX RECEPACLE - FLOOR MOUNTED
	DUPLEX RECEPACLE - CEILING MOUNTED
	DOUBLE DUPLEX RECEPACLE - CEILING MOUNTED
	RANGE RECEPTACLE, 4" AFF TO CENTER, 120/240V, 1 PHASE, 3 WIRE PLUS GROUND, 50 AMPS NEMA 14-50.
	DRYER RECEPTACLE, 48" AFF TO CENTER, 120/240V, 1 PHASE, 3 WIRE PLUS GROUND, 30 AMPS NEMA 14-30.
	RETRACTABLE CORD REEL WITH DUPLEX NEMA 5-20 RECEPTACLE. PROVIDE WITH 30' OF RETRACTABLE S.O. CORD.
	RETRACTABLE CORD REEL WITH DOUBLE DUPLEX NEMA 5-20 RECEPTACLES. PROVIDE WITH 30' OF RETRACTABLE S.O. CORD.
	SPECIAL PURPOSE RECEPTACLE, NEMA TYPE AS NOTED ON PLANS (18" AFF, UON)
	DISCONNECT SWITCH - MOTOR/STARTER COMBINATION NEMA SIZE TO MATCH HP SHOWN ON PLANS AT THE SPECIFIED VOLTAGE, HEAVY DUTY
30/2/3R	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.
30/15/2/3R	DISCONNECT SWITCH - FUSED - FRAME/FUSE/POLES/NEMA AS NOTED ON PLANS, ALL DISCONNECTS SHALL BE HEAVY DUTY AND NEMA TYPE 1 U.O.N.
R	RELAY
H	PUSH BUTTON
J	JUNCTION BOX
M $	MOTOR RATED SWITCH WITH THERMAL OVERLOADS FOR FRACTIONAL HORSEPOWER MOTORS
P	POWER POLE (OPEN OFFICE STYLE)
XX	MOTOR CONNECTION - HORSE POWER AS NOTED
	TRANSFORMER

SYMBOL	DESCRIPTION
	DATA OUTLET (18" AFF U.O.N.)
	ABOVE COUNTER DATA OUTLET (6" ABOVE COUNTER BACKSPASH OR 48" AFF)
C	DATA OUTLET - CEILING MOUNTED
	DATA OUTLET - RECESSED FLOOR BOX OR POKE THRU
	CABLE TV OUTLET (18" AFF U.O.N.); PROVIDE 1 F-TYPE CONNECTOR
	COMMUNICATION CABLE TRAY MOUNTED ABOVE SUSPENDED CEILING - SIZE AS NOTED ON PLANS
S	8" CEILING MOUNTED PAGING SPEAKER; PROVIDED WITH BAFFLE, GRILLE AND MATCHING TRANSFORMER
S	8" WALL MOUNTED PAGING SPEAKER; PROVIDED WITH BAFFLE, GRILLE AND MATCHING TRANSFORMER
CR	CARD READER. FLUSHED MOUNTED AT 42" AFF.
DC	DOOR CONTACT
ES	ELECTRIC DOOR STRIKE
K	KEY PAD
MD	MOTION DETECTOR
	PUSH PLATE
	CCTV CAMERA - WALL MOUNTED
	CCTV CAMERA - PAN, TILT, ZOOM
	NURSE STATION (46" AFF U.O.N.)
	CODE BLUE STATION (46" AFF U.O.N.)

CONDUIT AND WIRING

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

FIRE ALARM SYMBOLS

F	MANUAL PULL STATION (46" AFF)
S D	BELL/STROBE LIGHT COMBINATION (80" AFF)
S	STROBE LIGHT (80" AFF)
H	HORN (80" AFF)
H	HORN/STROBE LIGHT COMBINATION (80" AFF)
M	MINI HORN (80" AFF)
B	PROGRAM BELL (80 AFF)
C	CHIME/FLASH COMBINATION (80" AFF)
SP	SPEAKER (80" AFF)
SP	SPEAKER/STROBE COMBINATION (80" AFF)
SA SA	STANDALONE SMOKE ALARM - WALL MOUNTED; CEILING MOUNTED
S CA	STANDALONE COMBO SMOKE/CARBON MONOXIDE ALARM - WALL MOUNTED; CEILING MOUNTED
SD SD	SMOKE DETECTOR TIED TO FACP - WALL MOUNTED; CEILING MOUNTED
HD HD	HEAT DETECTOR TIED TO FACP - WALL MOUNTED; CEILING MOUNTED
SH SH	COMBINATION SMOKE/HEAT DETECTOR TIED TO FACP - WALL MOUNTED; CEILING MOUNTED
S CD	COMBO SMOKE/CARBON MONOXIDE DETECTOR TIED TO FACP - WALL MOUNTED; CEILING MOUNTED
DH	DUCT DETECTOR
TS	TAMPER SWITCH
FS	FLOW SWITCH
DH	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 ½" 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 - JID

Sheet Number	Sheet Name
E001D	ELECTRICAL NOTES, LEGENDS, & SCHEDULES
ED101D	ELECTRICAL DEMOLITION PLAN - JID
E101D	ELECTRICAL LIGHTING RENOVATION PLAN - JID
E501D	ELECTRICAL DETAILS - JID

THE LUNZ GROUP

HCSO MENTAL HEALTH CLINIC

2310 N. FALKENBURG ROAD
TAMPA, FLORIDA 33619

ELECTRICAL NOTES, LEGENDS, & SCHEDULES

#	ISSUED FOR	DATE
	REVIEW	08.14.24
	PERMIT/BID	08.30.24

DRAWN BY: SLJ/B
REVIEW BY: DK

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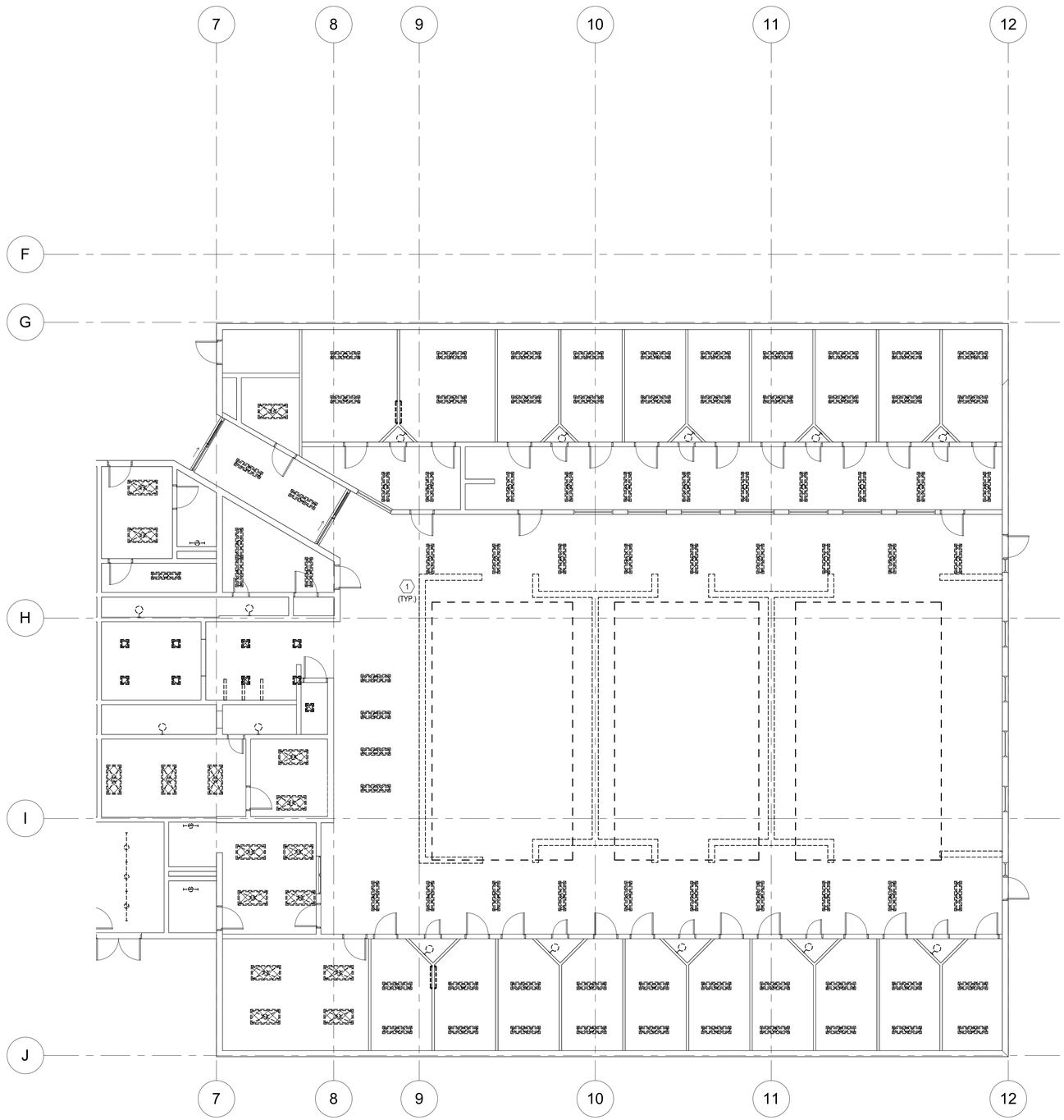


1 DEMOLITION LIGHTING PLAN - JID
1/8" = 1'-0"

GENERAL NOTES

A. IT IS THE RESPONSBILITY 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.

B. CONTRACTOR SHALL RETAIN BREAKERS MADE SPARE BY DEMOLITION FOR CONNECTION OF NEW WORK UNLESS OTHERWISE NOTED.

C. ELECTRICAL EQUIPMENT AND FIXTURES INDICATED TO BE REMOVED SHALL BE TURNED OVER TO OWNER FOR FIRST RIGHT OF REFUSAL.

D. 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.

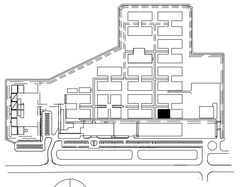
E. PROVIDE JUNCTION BOXES, CONDUIT, WIRED CABLE ETC AS REQUIRED TO MAINTAIN CONTINUITY TO EXISTING TO REMAIN POWER DEVICES, EQUIPMENT, ETC.

F. 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.

G. ALL ABANDONED OR UNUSED, WIRE, CABLING, CONDUIT, ETC SHALL BE REMOVED TO ORIGIN.

KEYNOTES

1. ALL LIGHTING TO BE DEMOLISHED IN THIS AREA.
2. 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.



KEY PLAN

THE LUNZ GROUP

HCSO MENTAL HEALTH CLINIC

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ELECTRICAL DEMOLITION PLAN - JID

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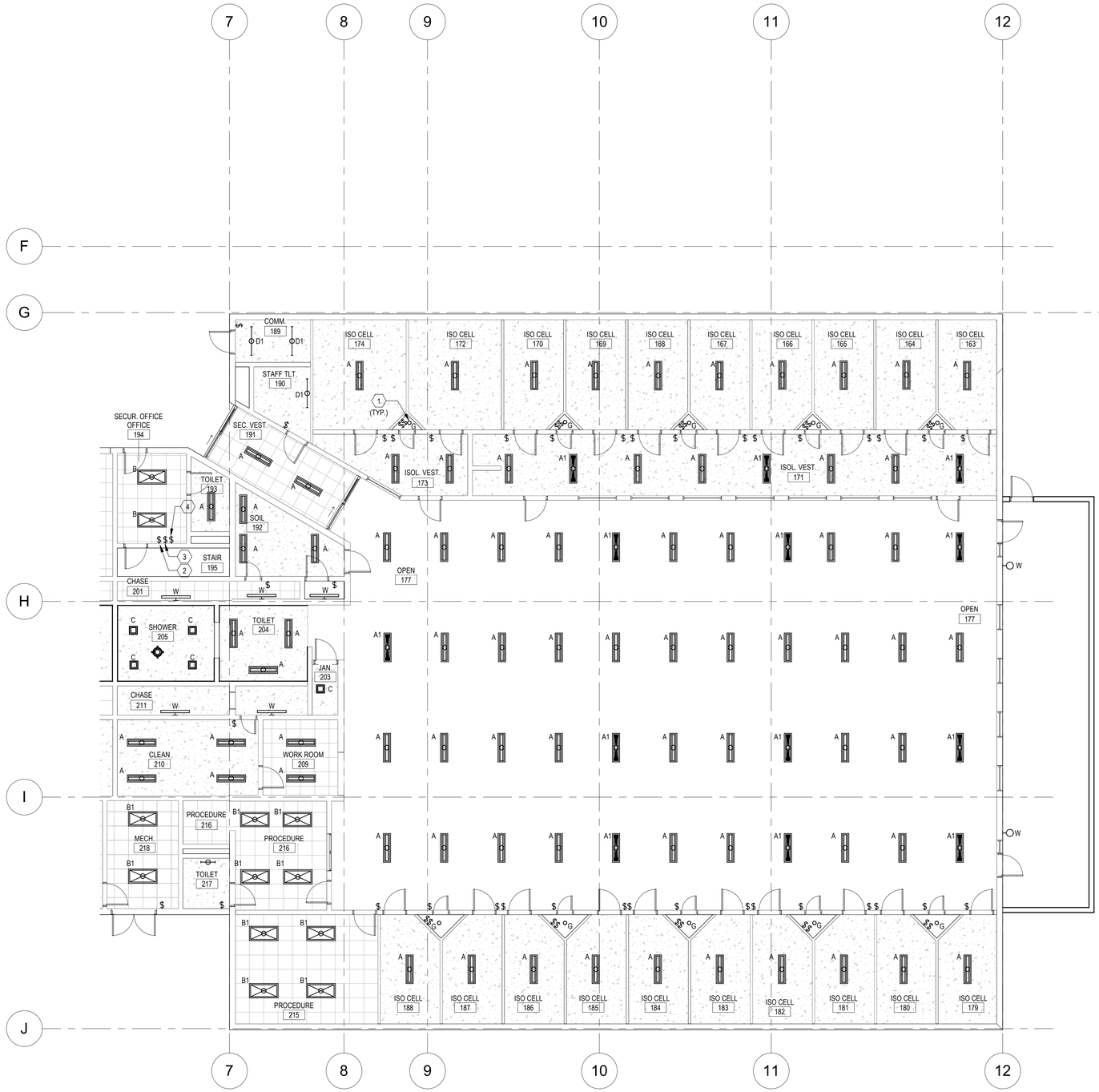


1 LIGHTING PLAN - JID -
1/8" = 1'-0"

LIGHTING CONTROL NOTES

A. 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.

B. CONTRACTOR SHALL COORDINATE ANY WALL MOUNTED LIGHT FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

C. ALL OCCUPANCY SENSOR CONTROLLED LOADS SHALL TURN OFF WITHIN 20 MINUTES OF THE OCCUPANT LEAVING THE ROOM.

D. WHERE MULTIPLE SWITCHES ARE SHOWN AT THE SAME LOCATION, THEY SHALL BE GANGED TOGETHER WITH A COMMON GANG PLATE.

E. ALL EXIT LIGHTS AND EMERGENCY BATTERY PACKS SHALL BE CONNECTED TO UNSWITCHED LEG OF THE LOCAL LIGHTING BRANCH CIRCUIT.

F. ALL LIGHTING CONTROLS SHALL BE IN ACCORDANCE WITH 2020 FLORIDA BUILDING CODE, ENERGY CONSERVATION.

G. 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.

H. 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.

I. 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.

J. CONTRACTOR SHALL PROVIDE QUANTITY OF SENSORS REQUIRED WITH PROPER COVERAGE PATTERN TO ACHIEVE REQUIRED LIGHTING CONTROL WITHIN THE SPACE.

K. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FROM THE CONTROLS MANUFACTURER'S REPRESENTATIVE SHOWING LAYOUT, QUANTITY, COVERAGE PATTERNS, AND WIRING DIAGRAM OF COMPLETE SYSTEM.

L. FOR CLARITY, ONLY VACANCY (VS) OR OCCUPANCY (OC) ARE SHOWN IN SPACES REQUIRING THAT MODE OF CONTROL.

M. PROVIDE LOW VOLTAGE OVERRIDE DIMMING SWITCHES IN ALL SPACES REQUIRING VACANCY/OCCUPANCY SENSORS WITH CONTROL FUNCTION AS OUTLINED.

N. PROVIDE ROOM CONTROLLERS AS REQUIRED TO INTERFACE ALL LIGHTS, SWITCHES, SENSORS, ETC. IN ALL SPACES SHOWN TO RECEIVE AUTOMATIC LIGHTING CONTROLS.

O. EXTERIOR LIGHTING SHALL BE CONTROLLED BY PHOTOCELL ON/TIME CLOCK OFF. PROVIDE TIME CLOCK FOR CONTROLS. COORDINATE TIME OF DAY SCHEDULING WITH STATION REPRESENTATIVE.

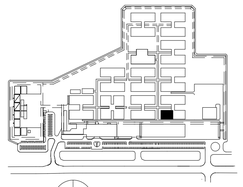
P. LIGHTING CONTROL SYSTEM SHALL BE A STAND ALONE NON-NETWORKED SYSTEM AS MANUFACTURED BY ACUITY. ALTERNATE APPROVED MANUFACTURERS ARE GREENGATE, WATTSTOPPER, AND HUBBELL.

Q. 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.

R. THE DESIGN INTENT IS TO REUSE EXISTING LIGHTING CIRCUITS MADE SPARE DURNING DEMOLTION. CONTRACTOR SHALL UTILIZE THE CLOSEST SPARE BREAKER PREVIOUSLY SERVICING DEMOLISH LIGHTING FIXTURES.

KEYNOTES

1. MOUNT FIXTURE ON CEILING, COORDINATE MOUNTING WITH PLUMBING PIPING.
2. SWITCH FOR SHOWERS COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
3. SWITCH FOR TOILETS AND JANITOR CLOSET COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
4. SWITCH FOR PROCEDURE ROOMS COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.



KEY PLAN

THE LUNZ GROUP

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ELECTRICAL LIGHTING RENOVATION PLAN - JID

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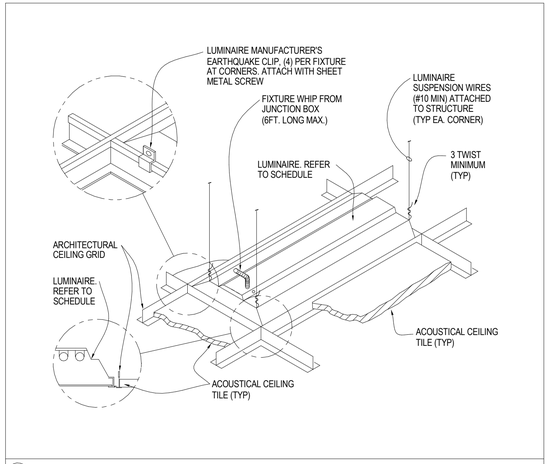

Ⓐ TYPICAL ROUGH-IN NTS

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 ADSM GZ10 LP840	2X4 TROFFER, SMOOTH REFLECTOR AND DIFFUSER, DIMMABLE	80CRI/4000K	UNV	RECESSED		0-10V/10%	30
B1	LITHONIA	2BLT4 30L ADSM GZ10 LP840 DGA	2X4 TROFFER, SMOOTH REFLECTOR AND DIFFUSER, DIMMABLE, DRYWALL ADPATERS	80CRI/4000K	UNV	RECESSED		0-10V/10%	22
B2	LITHONIA	2BLT2 20L ADSM 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.

THE LUNZ GROUP

HCSO MENTAL HEALTH CLINIC

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ELECTRICAL DETAILS - JID

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GENERAL MECHANICAL SYMBOLS

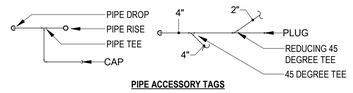
- REVISION NUMBER - SHOWN ON PLANS
- POINT WHERE NEW CONNECTS TO EXISTING
- LIMIT OF DEMOLITION
- KEYNOTE
- CONTINUATION SYMBOL
- Room 4 — ROOM NAME AND NUMBER
- ITEM TO BE DEMOLISHED
- AREA NOT IN CONTRACT
- 2" — PIPE SIZE TAG (DIAMETER)
- ABOVE GROUND PIPING
- 1/8" / 12" SLOPE — PIPE SLOPE TAG
- BELOW GROUND PIPING
- INVERT: -105' - 1" — PIPE INVERT ELEVATION TAG
- (E) — EXISTING PIPE TAG
- (D) — PIPING BEING DEMOLISHED

ABBREVIATIONS

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

PLUMBING AND PIPING SYMBOLS

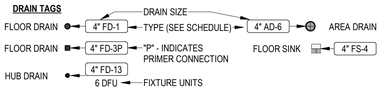
- DCW — DOMESTIC COLD WATER
- DHW — DOMESTIC HOT WATER
- HWR — DOM. HOT WATER RECIRCULATION
- V — SANITARY VENT
- SAN — SANITARY SEWER



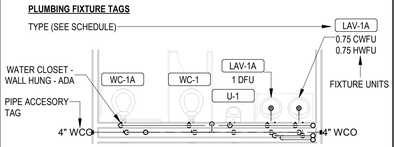
PIPE ACCESSORY TAGS

- WM — 2" DOM. WM DOMESTIC WATER METER
- 2" BALANCING BALANCING VALVE
- 2" SHUTOFF 1/4 TURN BALL VALVE
- 2" CHECK 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



PLUMBING FIXTURE TAGS



* 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 FIXTURE SCHEDULE

FIXTURE MARK	FIXTURE DESCRIPTION	ROUGH-IN PIPE SIZES				WATER SUPPLY DURATION		DRAINAGE	BASIS OF DESIGN MAKE	BASIS OF DESIGN MODEL
		COLD WATER SUPPLY	HOT WATER SUPPLY	FIXTURE TRAP	FIXTURE DRAIN	COLD WATER	HOT WATER			
WC-1	COMBINATION LAVATORY AND WATER CLOSET - 14 GAUGE TYPE 304 STAINLESS STEEL. FLOOR MOUNTED, WALL OUTLET, HARD-WIRED FLUSH VALVE, 1.28 GPF. PROVIDE WITH PENAL BUBBLER. PROVIDE HARD-WIRED SECONDARY CONTROL OF FLUSH VALVE TO BE LOCATED IN CHASE.	LAV: 1/2" WC: 1"	LAV: 1/2" WC: -	LAV: 2", WC: 4"	LAV: 2" WC: 4"	LAV: 0.5 WC: 6	LAV: 0.5 WC: -	LAV: 1 WC: 4	ACORN	1432ALAR
WC-2	WATER CLOSET - 14 GAUGE TYPE 304 STAINLESS STEEL. FLOOR MOUNTED, WALL OUTLET, HARD-WIRED FLUSH VALVE, 1.6 GPF.	1"	N/A	4"	4"	6	N/A	4	ACORN	1685
WC-3	WATER CLOSET - BARRIER FREE FLOOR MOUNTED 17" HIGH, ELONGATED, 1-1/2" TOP SPUD, VITREOUS CHINA, 1.6 GPF. ROUND FRONT SEAT COVER, STAINLESS STEEL HINGE. PROVDE ALL REQUIRED ACCESSORIES FOR COMPLETE INSTALLATION.	1"	N/A	4"	4"	6	N/A	4	AMERICAN STANDARD; SLOAN	215BA; 111
LAV-1	LAVATORY - 14 GAUGE TYPE 304 STAINLESS STEEL. WALL OUTLET, PNEUMATICALLY OPERATED, HEMISHERICAL PUSH BUTTONS, ADA COMPIANT, HEMISHERICAL BUBBLER, AND INTEGRAL SELF-DRAINING SOAP DISH.	1/2"	1/2"	2"	2"	1.5	1.5	1	ACORN	LR1652
LAV-2	LAVATORY, BARRIER FREE - 20X18" VITREOUS CHINA, WALL HUNG, SINGLE HOLE. PROVIDE FLOOR CARRIER WITH CONCEALED ARMS. CHROME FAUCET, GRID DRAIN ASSEMBLY. TOP OF FRONT RIM MOUNTED 34" FROM FINISHED FLOOR. PROVIDE STOPS, SUPPLIES, TRAP, ETC., TO MAKE A COMPLETE INSTALLATION.	1/2"	1/2"	2"	2"	0.5	0.5	1	AMERICAN STANDARD; DELTA	0355; 27C4974
MS-1	MOP SINK - 24X24X10" ONE-PIECE CONSTRUCTION, INTEGRALLY MOLDED CENTER DRAIN WITH SEAL. PROVIDE WITH HOSE AND HOSE HOOK, MOP BRACKET, VACUUM BREAKER, AND WALL GUARDS.	1/2"	1/2"	3"	3"	2.25	2.25	2	FIAT; MOEN	TSB-3010; 8230
SH-1	SHOWER - 14 GAUGE TYPE 304 STAINLESS STEEL. PNEUMATICALLY OPERATED, PRESSURE BALANCING MIXING VALVE, AND INTEGRAL SERVICE STOPS.	1/2"	1/2"	2"	2"	3	3	2	ACORN	1741-8MV-RD
DF-1	DRINKING FOUNTAIN - 14 GAUGE, TYPE 304 STAINLESS STEEL. OFF FLOOR, WALL OUTLET. PNEUMATICALLY OPERATED, HEMISPHERICAL PUSH BUTTON, AND HEMISHERICAL BUBBLER.	3/4"	N/A	N/A	2"	0.25	N/A	0.5	ACORN	LR1672FA
WH-1	WALL HYDRANT - ENCASED, NON-FREEZE, ANTI-SIPHON FLUSH WALL HYDRANT. NICKEL BRONZE FACE WITH LOCKING HINGED COVER. INCLUDED OPERATING KEY.	3/4"	N/A	N/A	N/A	5	N/A	N/A	ZURN	Z1320XL-NB

PLUMBING NOTES

1. 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.
2. REVIEW PLANS OF ALL TRADES PRIOR TO BIDDING AND BEGINNING WORK. INSTALLATIONS ARE TO INCLUDE ALL PLUMBING FOR COMPLETE SYSTEMS SHOWN ON THE PLANS AND AS REQUIRED.
3. 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.
4. ALL CHANGES SHALL BE REVIEWED BY THE ARCHITECT.
5. COORDINATE WITH ARCHITECTURAL DRAWINGS BEFORE ROUGHING-IN PLUMBING FIXTURES AND EQUIPMENT SUPPLIES.
6. THE PLUMBING SUBCONTRACTOR SHALL FURNISH AND INSTALL ALL PLUMBING FIXTURES, UNLESS NOTED OTHERWISE.
7. 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.
8. 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.
9. VERIFY LOCATION OF WATER SERVICE AND THE LOCATION/INVERTS OF SANITARY PIPING PRIOR TO INSTALLATION.
10. CUT AND PATCH CONCRETE AS REQUIRED.
11. 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.
12. 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.
13. 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.
14. DO NOT SCALE THIS DRAWING. REFER TO ARCHITECTURAL FLOOR PLAN FOR BUILDING DIMENSIONS.
15. 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.
16. VERIFY SERVICE POINTS AND METERING LOCATIONS FOR PROJECTS WITH LOCAL UTILITIES AND/OR LANDLORD (DOMESTIC WATER, SANITARY SEWER, GAS, ETC.).
17. THE CONTRACTOR SHALL COOPERATE FULLY AMONG ALL TRADES.
18. 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.
19. ALL PLUMBING VENTS IN EXTERIOR WALLS SHALL BE OFFSET A MINIMUM OF 3'-0" BEFORE ROOF PENETRATION.
20. INSTALL 1" INSULATION WITH ALL-SERVICE JACKET ON ALL ROOF LEADERS ABOVE CEILING.
21. INSTALL PLENUM RATED INSULATION WRAP ON ALL PLASTIC VENT, SANITARY AND STORM PIPING LOCATED WITHIN A RETURN AIR PLENUM.
22. 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 #US SET AT 50 PSI DELIVERY PRESSURE, UNLESS OTHERWISE NOTED.
23. 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.
24. THE WATER PIPING SYSTEM SHALL BE FLUSHED AND STERILIZED IN ACCORDANCE WITH LOCAL REGULATIONS.
25. 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.
26. 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.
27. 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

28. VERIFY MOUNTING HEIGHTS OF ALL BARRIER FREE FIXTURES WITH ARCHITECTURAL PLANS.
29. 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.
30. PROVIDE CHROME PLATED ESCUTCHEONS AT ALL WALL PENETRATIONS.
31. 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.
32. 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.
33. 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.
34. 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.
35. MATERIALS, EQUIPMENT, ASSEMBLIES AND SYSTEMS SHALL MEET ALL PERTINENT REQUIREMENTS OF NATIONALLY RECOGNIZED TESTING ORGANIZATIONS SUCH AS UL, ASTM, ASSE, AWWE, AGA AND NFPA AS WELL AS THE MOST CURRENT ADOPTED VERSION OF THE STATE AND LOCAL CODES.
36. 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.
37. 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 OTHER CHANGES MAY BE MADE WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
38. 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.
39. CONTRACTOR SHALL GUARANTEE ALL WORK FOR WHICH MATERIALS ARE FURNISHED, FABRICATED, FIELD ERECTED, 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.
40. ALL FAUCET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND NOT REQUIRE TIGHTGRASPING.
41. 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 SCORIATED TOP COVER; INSIDE CAULK OUTLET; SAME SIZE AS CONNECTED DRAINAGE PIPING; ASME A112.36.2M.

WCO:

WALL CLEANOUT - ZURN Z1446; CAST-IRON CLEANOUT TEE; RECESSED, TAPERED THREAD BRONZE PLUG; STAINLESS STEEL OR CHROME-PLATED BRASS WALL ACCESS COVER PLATE; 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

1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATIVE OF WORK TO BE PROVIDED (FURNISHED AND INSTALLED) UNDER THIS CONTRACT. DRAWINGS SHOULD NOT BE SCALED.
2. 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.
3. 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.
4. 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.
5. 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 51B-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 90A-2021, STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTING SYSTEMS.
   - NFPA 241-2019, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS.
6. CONTRACTOR SHALL COORDINATE AND SEQUENCE DEMOLITION, CLEANING, AND CONSTRUCTION WORK.
7. 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.
8. 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.
9. ALL PERMITS, FEES, TAXES, ETC SHALL BE PAID BY CONTRACTOR AS PART OF THE TOTAL PROJECT COST.
10. 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.
11. 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.
12. CONTRACTOR SHALL REFER TO ALL DETAILS FOR PROPER GUIDANCE.
13. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND EQUIPMENT SUBMITTALS FOR ALL PRODUCTS USED ON PROJECT.
14. 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.
15. 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.
16. 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.
17. 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 - JID

Sheet Number	Sheet Name
P001D	PLUMBING NOTES, LEGENDS & SCHEDULES - JID
PD101D	PLUMBING DEMOLITION PLAN - JID
P101D	PLUMBING RENOVATION PLAN - JID
P401D	PLUMBING ENLARGED PLANS - JID
P501D	PLUMBING DETAILS - JID
P901D	SANITARY & VENT ISOMETRIC - JID

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PLUMBING NOTES, LEGENDS & SCHEDULES - JID

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	PERMIT/BID	08.30.24

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REVIEW BY: NPS

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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.

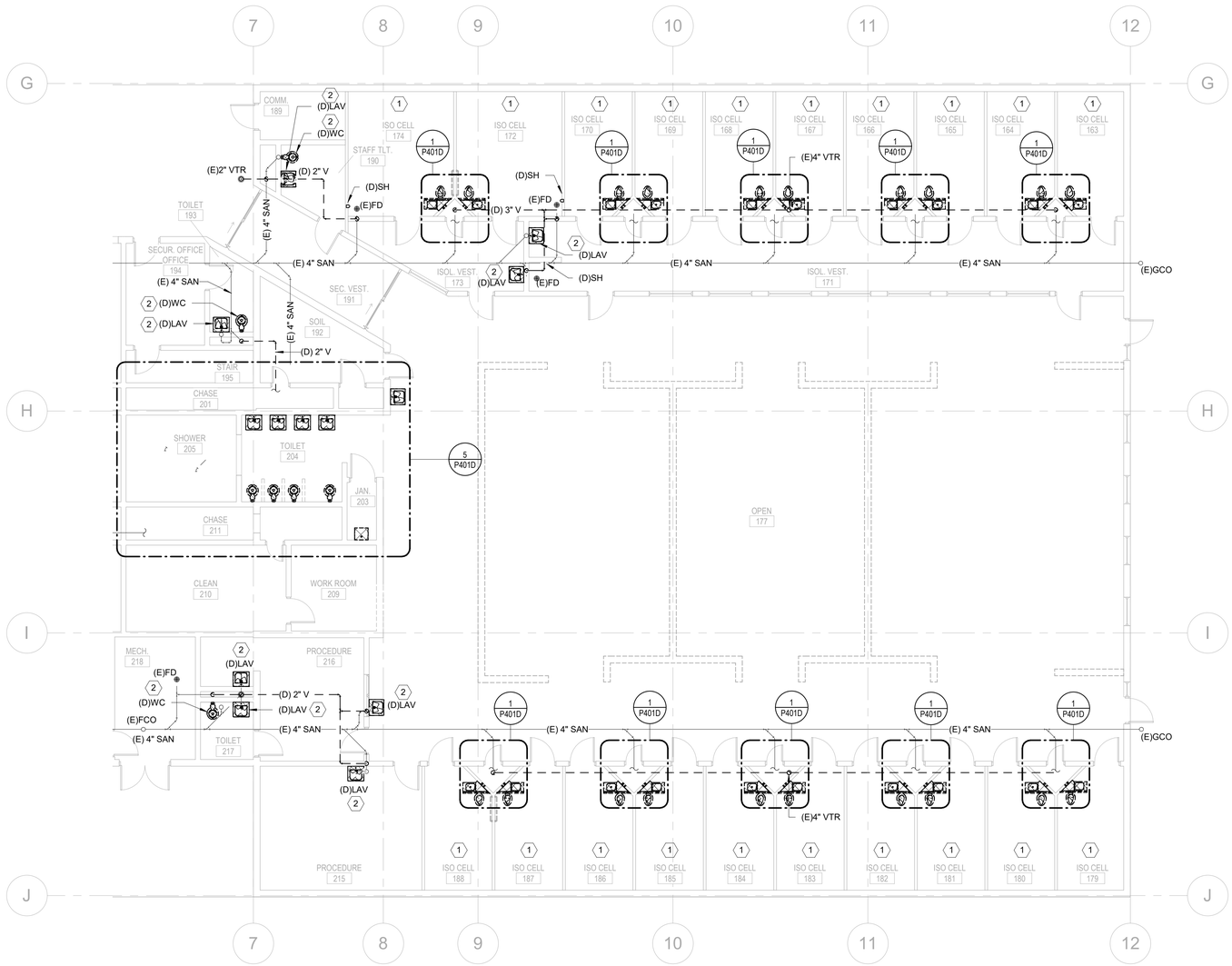
C. CONTRACTOR SHALL FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AFFECTED.

D. ALL EXISTING PIPING TO BE REUSED SHALL BE PRESSURE TESTED, THOROUGHLY CLEANED, AND SANITIZED TO AVOID POSSIBLE CONTAMINATION.

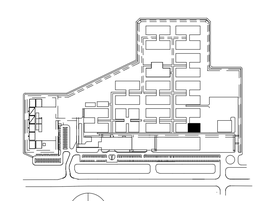
E. PLUMBING CONTRACTOR SHALL ENSURE NO DEAD LEGS ARE LEFT IN ANY PIPING WITHIN THE AREA OF WORK.

F. ALL EXISTING PLUMBING FIXURES (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.



1 PLUMBING DEMOLITION PLAN - JID
1/8" = 1'-0"



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PLUMBING DEMOLITION PLAN - JID

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KEYNOTES

#	
1	3/4" DOMESTIC COLD WATER TO BE TAPPED OFF OF EXISTING COLD WATER PIPING LOCATED IN CELL CHASE. ROUTE COLD WATER PIPING UNDERGROUND TO SERVE WALL HYDRANT. PROVIDE SHUTOFF VALVE IN 3/4" COLD WATER LINE NEAR TAP TO EXISTING COLD WATER PIPING.
2	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.

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.

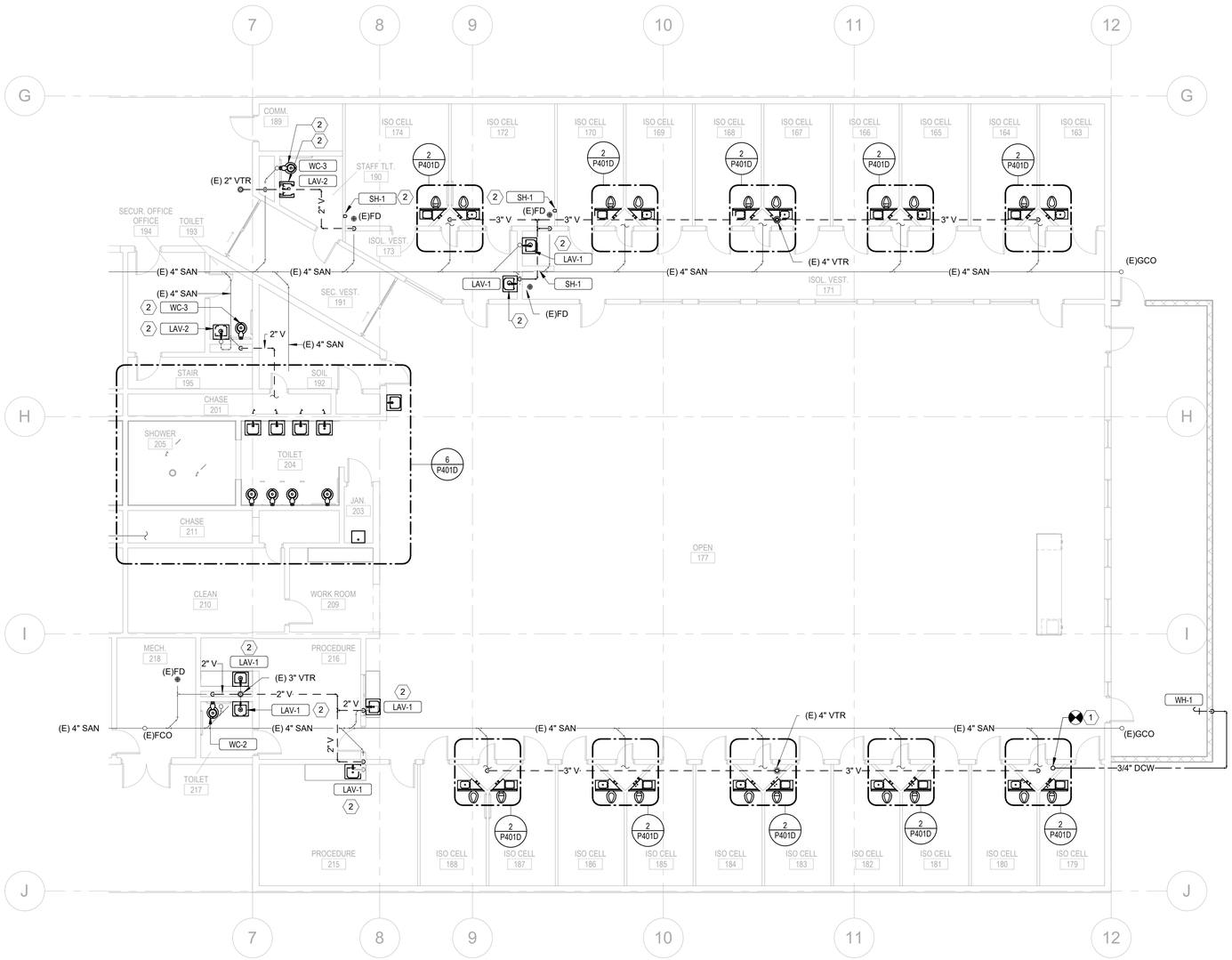
C. CONTRACTOR SHALL FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AFFECTED.

D. ALL EXISTING PIPING TO BE REUSED SHALL BE PRESSURE TESTED, THOROUGHLY CLEANED, AND SANITIZED TO AVOID POSSIBLE CONTAMINATION.

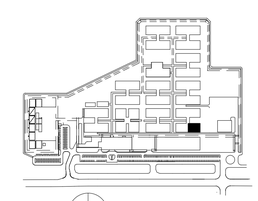
E. PLUMBING CONTRACTOR SHALL ENSURE NO DEAD LEGS ARE LEFT IN ANY PIPING WITHIN THE AREA OF WORK.

F. ALL EXISTING PLUMBING FIXURES (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.



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



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PLUMBING RENOVATION PLAN - JID

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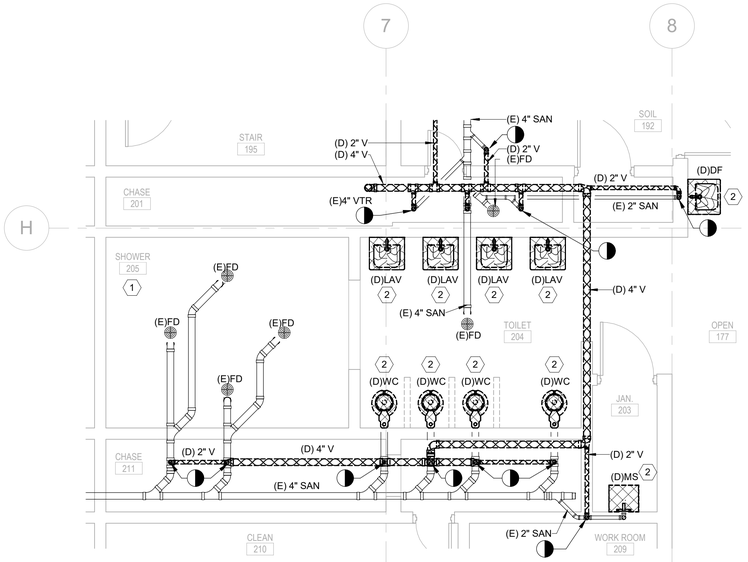
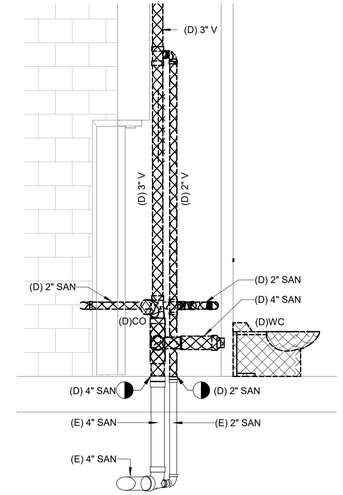


5 ENLARGED PLAN - SANITARY DEMOLITION - GROUP BATHROOM - JID
1/4" = 1'-0"



3 SECTION VIEW - SANITARY DEMOLITION - TYPICAL CELL - JID
1/2" = 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.

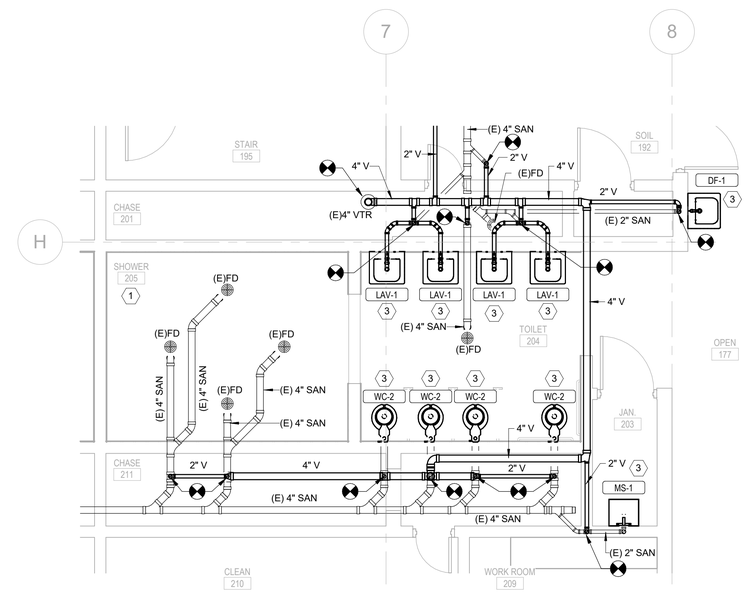
E. PLUMBING CONTRACTOR SHALL ENSURE NO DEAD LEGS ARE LEFT IN ANY PIPING WITHIN THE AREA OF WORK.

F. ALL EXISTING PLUMBING FIXURES (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.

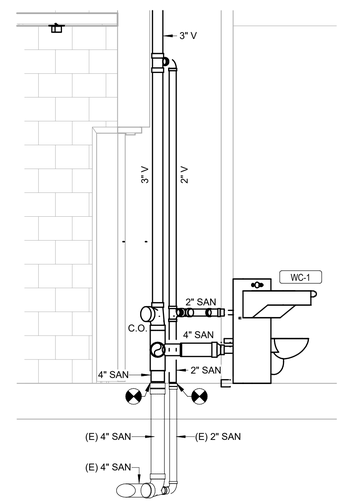
G. ALL ABOVE-GRADE, CAST-IRON SANITARY AND VENT PIPING SHALL BE DEMOLISHED AND REPLACED WITH SCHEDULE 40 PVC PIPING.

KEYNOTES

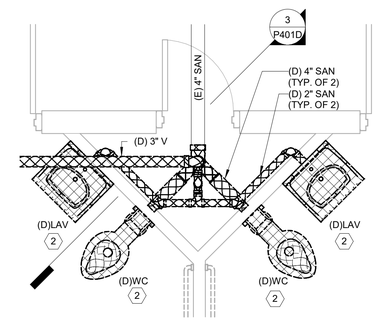
#	
1	ALL EXISTING SHOWER HEADS AND PUSH BUTTON CONTROLS SHALL BE DEMOLISHED AND REPLACED WITH NEW DURING CONSTRUCTION (TYP. OF 6). EXISTING CENTRALLY-LOCATED, STAINLESS STEEL SHOWER MOUNT SHALL REMAIN.
2	REMOVE AND PROPERLY DISPOSE OF EXISTING PLUMBING FIXTURES. PREPARE EXISTING PIPING FOR RECONNECTION. TEMPORARILY CAP EXISTING SANITARY, VENT, AND DOMESTIC WATER PIPING FOR REUSE. REFER TO PLUMBING RENOVATION PLAN FOR ADDITIONAL INFORMATION.
3	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.



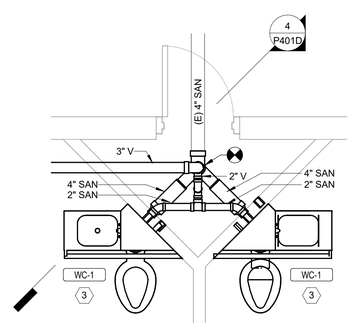
6 ENLARGED PLAN - SANITARY RENOVATION - GROUP BATHROOM - JID
1/4" = 1'-0"



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



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



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

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PLUMBING ENLARGED PLANS - JID

#	ISSUED FOR	DATE
	REVIEW	08.14.24
	PERMIT/BID	08.30.24

DRAWN BY: PBJ
REVIEW BY: NPS

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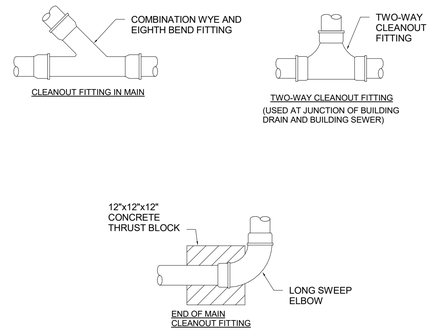
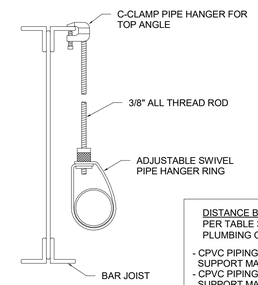


4 CLEANOUT FITTINGS DETAIL

N.T.S.

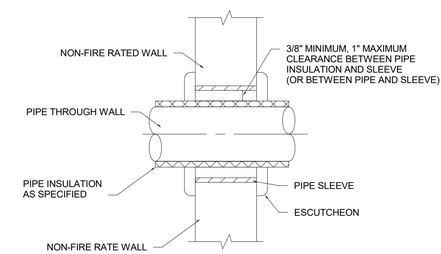


DISTANCE BETWEEN SUPPORTS:
PER TABLE 308.5 OF THE FLORIDA PLUMBING CODE 2020

- 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.

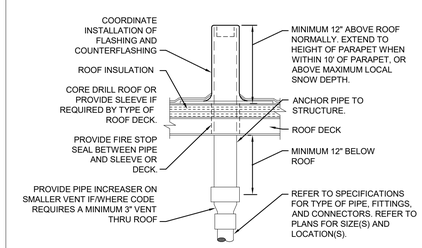
1 PIPE HANGER DETAIL

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

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PLUMBING DETAILS - JID

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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.

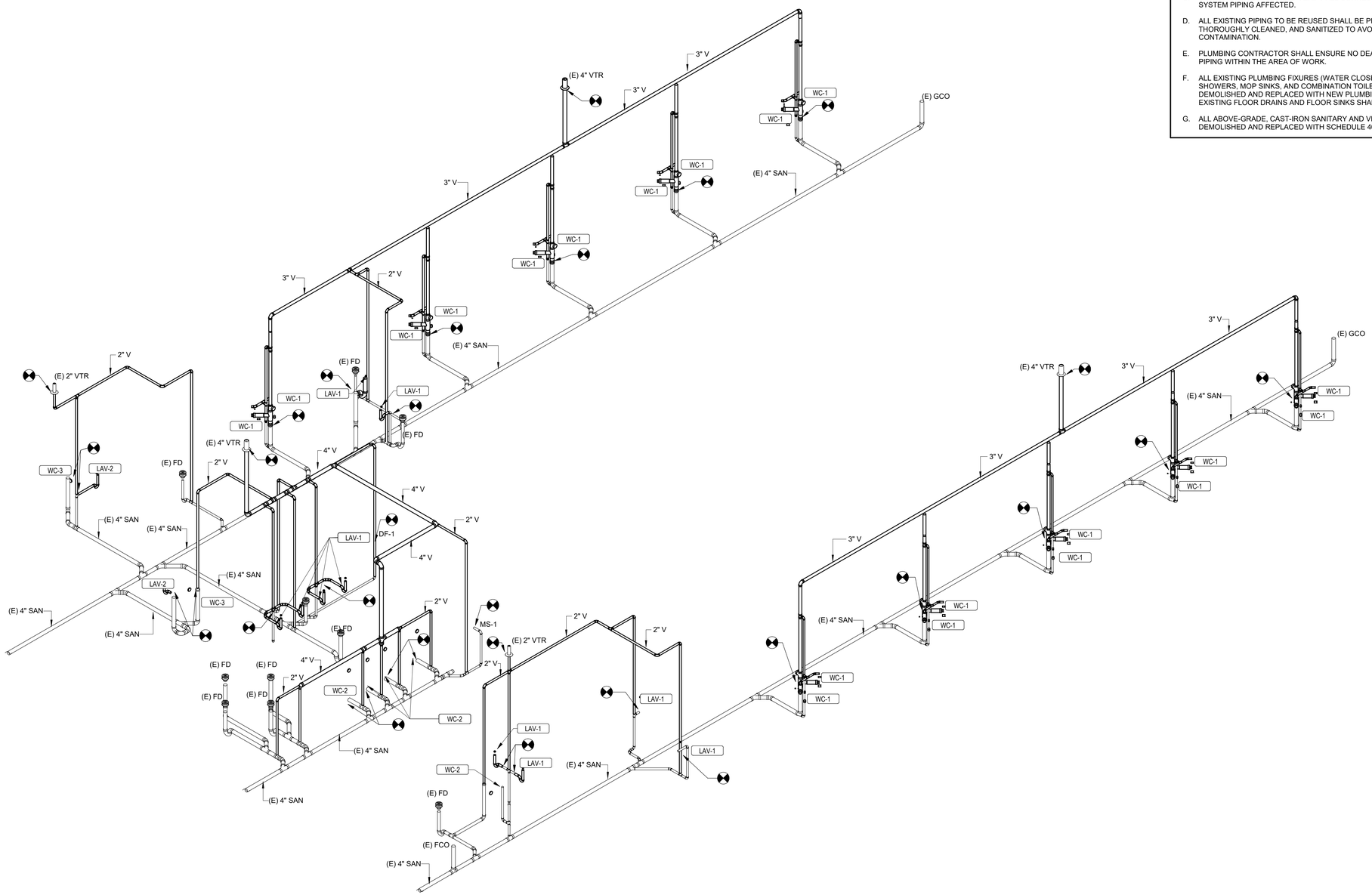
C. CONTRACTOR SHALL FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AFFECTED.

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.

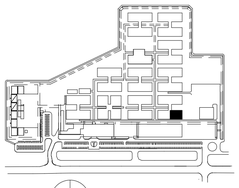
F. ALL EXISTING PLUMBING FIXURES (WATER CLOSETS, LAVATORIES, SINKS, SHOWERS, MOP SINKS, AND COMBINATION TOILET LAVATORIES) SHALL BE DEMOLISHED AND REPLACED WITH NEW PLUMBING FIXTURES. ALL EXISTING FLOOR DRAINS AND FLOOR SINKS SHALL REMAIN.

G. ALL ABOVE-GRADE, CAST-IRON SANITARY AND VENT PIPING SHALL BE DEMOLISHED AND REPLACED WITH SCHEDULE 40 PVC PIPING.



1 SANITARY & VENT ISOMETRIC - JID

NOT TO SCALE



KEY PLAN

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SANITARY & VENT ISOMETRIC - JID

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	75% - JIA	07.26.24
	PERMIT/BID	08.30.24

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