

ENLARGED PHOTOMETRICS PLAN
 SCALE: 1/4" = 1'-0"

Luminaire Schedule

Project: PSL POLICE BLDG - PHASE 1 --- AUG - 27 - 2020

Symbol	Qty	Label	Description	LLF	Lum. Watts	Total Watts
[Symbol]	8	A	HE WILLIAMS LP-24-L50-835-DIM-UNV	0.900	48.1	384.8
[Symbol]	5	AEM	HE WILLIAMS LP-24-L50-835-EM_10WRM-DIM-UNV	0.900	48.1	240.5
[Symbol]	12	C	HE WILLIAMS 6DR-TL-L10-835-DIM-UNV_Q-W-OF-CS-MWT_N-F1	0.900	8.7	104.4
[Symbol]	3	CEM	HE WILLIAMS 6DR-TL-L10-835-EM_10W-DIM-UNV_Q-W-OF-CS-MWT_N-F1	0.900	8.7	26.1
[Symbol]	1	DEM	HE WILLIAMS SLF-4-L98-835-HIA-EM_10W-DIM-UNV MOUNTED 7'-6" ABOVE LANDING BELOW	0.900	75	525

1 LUMINAIRE SCHEDULE
 PH-1.0 SCALE: N.T.S.

Calculation Summary

Project: PSL POLICE BLDG - PHASE 1 --- AUG - 27 - 2020

Label	Avg	Max	Min	Avg/Min	Max/Min
101 PUBLIC LOBBY_RECEPTION_Floor	41.33	54	8	5.17	6.75
104 OFFICE_Workplane	46.79	80	19	2.46	4.21
166 WOMEN'S TOILET_Floor	23.14	40	5	4.63	8.00
167 MEN'S TOILET_Floor	23.27	39	5	4.65	7.80
169 STAIR VEST_Floor	16.06	21	11	1.46	1.91
SMALL CORRIDOR_Floor	23.90	33	15	1.59	2.20
STAIR A	22.39	31.0	17.0	1.32	1.82

LPD Area Summary

Project: PSL POLICE BLDG - PHASE 1 --- AUG - 27 - 2020

Label	Area	Total Watts	LPD
101 PUBLIC LOBBY_RECEPTION_LP	642.99	441.6	0.687
104 OFFICE_LP	287.55	179.1	0.623
166 WOMEN'S TOILET_LP	93.91	34.8	0.371
167 MEN'S TOILET_LP	96.53	34.8	0.361
169 STAIR VEST_LP	61.38	8.7	0.142
SMALL CORRIDOR_LP	103.13	56.8	0.551

2 CALCULATION SUMMARIES
 PH-1.0 SCALE: N.T.S.

PSL POLICE BLDG LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMPS		VOLTS	MOUNTING	REMARKS
				Type	Total Wattage			
A	HE WILLIAMS	LP24-L50-835-DIM-UNV	2X4 LED FLAT PANEL	LED/35K	48.1W	UNV	RECESSED	
AEM	HE WILLIAMS	LP24-L50-835-EM/10WRM-DIM-UNV	2X4 LED FLAT PANEL W/ BATTERY	LED/35K	48.1W	UNV	RECESSED	REQUIRES REMOTE BATTERY
C	HE WILLIAMS	6DR-TL-L10-835-DIM-UNV/Q-W-OF-CS-MWT/N-F1	6" LED DOWN LIGHT	LED/35K	9W	UNV	RECESSED	
CEM	HE WILLIAMS	6DR-TL-L10-835-EM/10W-DIM-UNV/Q-W-OF-CS-MWT/N-F1	6" LED DOWN LIGHT W/ BATTERY	LED/35K	9W	UNV	RECESSED	
DEM	HE WILLIAMS	SLF-4-L98-835-HIA-EM/10W-DIM-UNV	4' LED LENSED W/ BATTERY	LED/35K	74.8W	UNV	SURFACE	
EM	BEGHELLI	TA-LED-SA-UNV	LED EMERGENCY UNIT	LED	36W	UNV	SURFACE	
EX	BEGHELLI	OL2-SA-LRG-1/2-1"	LED EDGELIT EXIT	LED	3W	UNV	RECESSED	CONTR TO CONFIRM CONFIGURATION PER PLANS

LIGHTING SCHEDULE NOTES:

- CONTACT SESCO LIGHTING (PATTY ROSSIELLO) @ 561-632-4192 OR prossiello@sescolighting.com
- THE ABOVE FIXTURE SCHEDULE IS PREDICATED ON PERFORMANCE AND IS DESIGNED TO MEET CERTAIN AESTHETIC CRITERIA. ALL ALTERNATIVE SELECTIONS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL TEN (10) DAYS PRIOR TO BID DATE.
- SUBMITTAL MUST INCLUDE ITC CERTIFIED PHOTOMETRIC FILES FOR REVIEW OF EQUALITY.
- NO SUBSTITUTIONS ALLOWED.

3 LIGHTING FIXTURE SCHEDULE
 PH-1.0 SCALE: N.T.S.



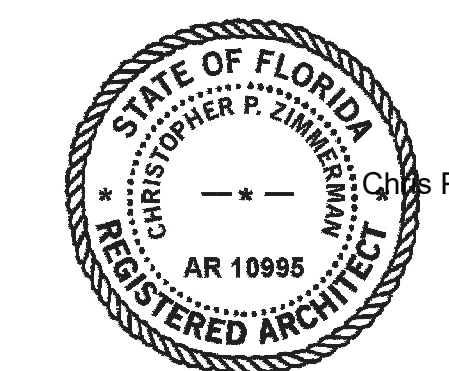
PSL POLICE BLDG REMODEL
 PHASE I
 121 SW PORT SAINT LUCIE BLVD
 PORT ST. LUCIE, FLORIDA 34984

CPZ ARCHITECTS, INC.
 4316 WEST BROWARD BOULEVARD
 PLANTATION, FLORIDA 33317
 PHONE: (954) 792-8825 FAX: (954) 337-0359
 AA 12600685 WWW.CPZARCHITECTS.COM



DRAWING TITLE:
 ENLARGED PHOTOMETRICS
 PLAN & LIGHTING FIXTURE
 SCHEDULE

DRAWN HR/SO
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED



Digitally signed by Chris P. Zimmerman, AR
 Date: 2020.10.07 12:11:52-04'00'

CHRIS P. ZIMMERMAN, AIA
 REGISTERED ARCHITECT
 No. 10995
 STATE OF FLORIDA
 AIA

PROJECT NO. 19600
 SHEET: PH-1.0

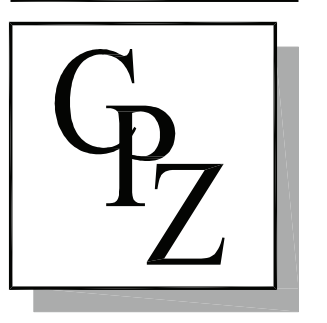
GENERAL NOTES	GENERAL NOTES	CONSTRUCTION NOTES	REFLECTED CEILING NOTES	POWER & COMMUNICATION NOTES	POWER & COMMUNICATION NOTES	FINISH NOTES
<p>1. ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL AND MUNICIPAL BUILDING CODES, AS WELL AS ANY AND ALL REGULATORY AGENCIES INCLUDING, BUT NOT LIMITED TO, OSHA, ETC. GENERAL NOTES SHALL APPLY TO ALL DRAWINGS.</p> <p>2. THE TERMS "CONSTRUCTION CONTRACTOR," "GENERAL CONTRACTOR," "G.C.," AND "CONTRACTOR" SHALL BE UNDERSTOOD TO BE THE SAME UNLESS SPECIFICALLY NOTED OTHERWISE.</p> <p>3. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR OMISSIONS WHICH WOULD INTERFERE WITH THE SATISFACTORY COMPLETION OF THE WORK, PRIOR TO THE START OF ANY AND ALL WORK.</p> <p>4. THE CONTRACTOR SHALL HAVE HAD EXPERIENCE ON AT LEAST THREE PROJECTS INVOLVING QUALITIES AND COMPLEXITIES AT LEAST EQUAL TO THOSE REQUIRED UNDER ALL DIVISIONS DETAILED IN THESE DRAWINGS.</p> <p>5. ALL WORKMEN PERFORMING UNDER THIS WORK SHALL BE SKILLED WORKMEN IN THEIR RESPECTIVE TRADES.</p> <p>6. ALL WORK, WHETHER SHOWN OR IMPLIED, UNLESS SPECIFICALLY QUESTIONED, SHALL BE CONSIDERED FULLY UNDERSTOOD IN ALL RESPECTS BY THE GENERAL CONTRACTOR, AND HE WILL BE RESPONSIBLE FOR ANY MISINTERPRETATIONS OR CONSEQUENCES THEREOF FOR ALL WORK ON ALL DRAWINGS.</p> <p>7. GENERAL CONTRACTOR SHALL REVIEW AND FAMILIARIZE HIMSELF WITH THE GENERAL NOTES & SPECIFICATIONS DRAWINGS, AND DETERMINE WHICH NOTES APPLY DIRECTLY TO HIS RESPONSIBILITY. EACH SUBTRADE WILL BE RESPONSIBLE FOR REVIEWING THE ENTIRE SET OF DRAWINGS AND NOTING THEIR WORK AS APPLICABLE. ALL WORK INDICATED OR IMPLIED ON THE DRAWINGS WILL BE DEEMED AND INCLUDED IN ALL CONTRACTORS' COSTS.</p> <p>8. G.C. SHALL BE RESPONSIBLE TO PICK UP THE BUILDING PERMIT AT THE BUILDING DEPARTMENT OFFICES AND PAY ALL FEES.</p> <p>9. G.C. SHALL PROVIDE ALL THE DRAWINGS, COMPLETED PAPERWORK AND CERTIFICATES OF INSPECTION AND SHALL PERFORM ALL THE CONTROLLED INSPECTIONS AS REQUIRED FOR BUILDING DEPARTMENT APPROVAL.</p> <p>10. UPON COMPLETION OF THE JOB, THE GENERAL CONTRACTOR SHALL SUBMIT CERTIFICATES OF INSPECTION AND A CERTIFICATE OF SUBSTANTIAL COMPLETION (A.I.A. DOCUMENT #G-704).</p> <p>11. THE GENERAL CONTRACTOR SHALL SUBMIT IN WRITING ALL PROPOSALS FOR ADDITIONAL WORK TO THE ARCHITECT'S OFFICE FOR REVIEW AND APPROVAL. NO WORK IS TO PROCEED UNTIL A SIGNED AUTHORIZATION TO PROCEED IS RETURNED TO THE GENERAL CONTRACTOR.</p> <p>12. THE ARCHITECT RESERVES THE RIGHT TO LET OTHER CONTRACTS IN CONNECTION WITH THE WORK OF THE PROJECT. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORK AND ESTABLISHING SCHEDULES FOR ALL TRADES; HE SHALL AFFORD OTHER CONTRACTORS REASONABLE OPPORTUNITY FOR THE INTRODUCTION AND STORAGE OF THEIR MATERIALS AND EQUIPMENT AND THE EXECUTION OF THEIR WORK.</p> <p>13. CONTRACTOR SHALL SCHEDULE ALL WORK TO CONFORM TO THE GENERAL CONSTRUCTION SCHEDULE AND SHALL COOPERATE WITH OTHER CONTRACTORS IN THE REQUIRED SEQUENTIAL INSTALLATION SCHEDULE AS APPROVED BY THE ARCHITECT</p> <p>14. DRAWINGS ARE NOT TO BE SCALED; DIMENSIONS GOVERN.</p> <p>15. ALL WORK IS TO CONFORM TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS AND SHALL BE NEW AND BEST QUALITY OF THE KINDS SPECIFIED.</p> <p>16. NO MATERIAL SUBSTITUTIONS SHALL BE MADE. ARCHITECT WILL CONSIDER MATERIAL CHANGE REQUESTS ON AN INDIVIDUAL BASIS. CONTRACTOR SHALL SUBMIT SAMPLES AND CUTS FOR WRITTEN APPROVAL BY ARCHITECT PRIOR TO THE START OF ANY WORK.</p> <p>17. ALL MATERIALS AND EQUIPMENT SPECIFIED SHALL BE SUPPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED AS DIRECTED BY THE SUPPLIER/MANUFACTURER, IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARD PRACTICE.</p> <p>18. ALL SUBCONTRACTORS' SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL THROUGH THE GENERAL CONTRACTOR PRIOR TO WORK BEING PERFORMED, UNLESS OTHERWISE NOTED.</p> <p>19. THE GENERAL CONTRACTOR SHALL MAINTAIN AND OPERATE AN ONSITE FIELD OFFICE TELEPHONE AND FAX MACHINE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION WORK.</p> <p>20. CONSTRUCTION PERSONNEL MUST CARRY PROPER IDENTIFICATION AT ALL TIMES.</p> <p>21. ALL LADDERS, BAKERS, AND SCAFFOLDING SHALL BE IN GOOD OPERATING CONDITION. ALL DAMAGED LADDERS, BAKERS, AND ROLLING SCAFFOLDING WILL BE IMMEDIATELY REMOVED FROM THE JOB SITE.</p> <p>22. ALL ELECTRIC HAND TOOLS MUST BE GROUNDED PROPERLY.</p> <p>23. PROTECTIVE EYE GOGGLE WILL BE WORN DURING ANY CUTTING, WHETHER BY HAND OR BY MECHANICAL MEANS, OF FLOORS, WALLS, AND ARCHES.</p> <p>24. ALL WINDOWS SHALL BE KEPT CLOSED IN THE WORK AREAS.</p>	<p>25. ALL FIRE EXITS SHALL BE KEPT CLEAR AND ACCESSIBLE AT ALL TIMES.</p> <p>26. FIRE EXTINGUISHERS MUST BE KEPT ON THE JOB SITE DURING CONSTRUCTION.</p> <p>27. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CLEANLINESS OF THE WORK AREA AND THE AREAS INVOLVED IN THE DELIVERY OF HIS MATERIALS.</p> <p>28. GENERAL CONTRACTOR IS RESPONSIBLE TO CLEAN UP AND REMOVE FROM THE PREMISES ALL WASTE MATERIALS, RUBBISH, WRAPPINGS, AND SALVAGES AS GENERATED BY THE CONSTRUCTION, DEMOLITION AND/OR THE DELIVERY AND INSTALLATION OF ANY PRODUCTS, MATERIALS, OR EQUIPMENT WHICH IS PART OF HIS CONTRACT.</p> <p>29. GENERAL CONTRACTOR IS RESPONSIBLE TO THOROUGHLY VACUUM CLEAN ALL CARPETED AREAS, CLEAN ALL FLOORING, MILLWORK, ETC., AND UNCOVER AND VACUUM OUT ALL CONVECTOR UNITS AFTER THE INSTALLATION IS COMPLETED, AND MAINTAIN CONDITION THROUGH THE TENANT'S MOVE-IN.</p> <p>30. GENERAL CONTRACTOR IS RESPONSIBLE TO PROTECT AS REQUIRED ALL OWNER OCCUPIED AREAS WHERE FINISH WORK OR GENERAL CONSTRUCTION IS TO BE PERFORMED. GENERAL CONTRACTOR TO INSTALL ADEQUATE PROTECTION OF BUILDING PAPER, MASONRY, OR OTHER APPROVED MATERIAL ON ALL FINISHED SURFACES AS DIRECTED BY THE ARCHITECT PRIOR TO THE OWNER'S MOVING DATE, AND SHALL REMOVE SAME FOLLOWING COMPLETION OF THE MOVE.</p> <p>31. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INCURRED FOR DAMAGES CAUSED BY HIS SUBCONTRACTORS.</p> <p>32. THE GENERAL CONTRACTOR SHALL HAVE A COMPETENT ENGLISH SPEAKING SUPERINTENDENT ON THE PREMISES AT ALL TIMES WHEN WORK IS IN PROGRESS.</p> <p>33. THE GENERAL CONTRACTOR SHALL HAVE A COMPETENT ENGLISH SPEAKING SUPERINTENDENT ON THE PREMISES AT ALL TIMES WHEN WORK IS IN PROGRESS.</p> <p>34. THE GENERAL CONTRACTOR SHALL ENSURE THAT ALL FIRE RATED WALLS BEING MODIFIED REMAIN FIRE RATED.</p> <p>35. THE GENERAL CONTRACTOR SHALL COORDINATE PHASING OF WORK DONE CONCURRENTLY WITH OTHER CONTRACTORS ON SITE.</p> <p>36. SHOP DRAWINGS</p> <p>PROVIDE SHOP DRAWINGS FOR THE FOLLOWING:</p> <ul style="list-style-type: none"> ALL FINISHES WITH ACTUAL COLOR SAMPLES LOCKERS CEILING TILE & GRID LIGHTING ELECTRICAL PLUMBING FIXTURES & EQUIPMENT CABINETS & COUNTERTOPS RESTROOM PARTITIONS TOILET ROOM ACCESSORIES LIGHT GAUGE METAL FRAMING FIRE SPRINKLERS 	<p>1. FINAL PLACEMENT OF ALL PARTITIONS TO BE APPROVED IN THE FIELD BY ARCHITECTS' REPRESENTATIVE PRIOR TO COMMENCEMENT OF ANY WORK.</p> <p>2. THE GENERAL CONTRACTOR SHALL LAYOUT PARTITIONS STARTING FROM CONDITIONS WHERE ALIGNMENT WITH EXISTING CONSTRUCTION IS SHOWN.</p> <p>3. ALL PARTITION DIMENSIONS ARE FROM FINISHED SURFACE OR FROM FACE OF CONCRETE BLOCK WALL, UNLESS OTHERWISE NOTED.</p> <p>4. WHERE A PARTITION MEETS THE WINDOW MULLION, PROVIDE A CONTINUOUS COMPRESSIBLE FILLER STRIP. A SOUNDPROOFING FILLER PANEL SHALL BE USED INSIDE THE METAL CONVECTOR ENCLOSURE TO PREVENT SOUND TRANSMISSION BETWEEN OFFICES.</p> <p>5. ALL METAL TRIMS ON GYPSUM BOARD PARTITIONS SHALL BE TYPE #200 SERIES AS MANUFACTURED BY U.S. GYPSUM OR EQUAL.</p> <p>6. ALL DRYWALL PARTITIONS SHALL BE PROPERLY BRACED.</p> <p>7. ALL DRYWALL SHALL BE INSTALLED VERTICALLY IN FULL LENGTH SECTIONS.</p> <p>8. N/A</p> <p>9. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR TAPING AND SPACKLING OF GYPSUM BOARD INSTALLED, AS WELL AS PATCHING AND REPAIRING ALL WALLS, CEILINGS, AND COLUMNS TO REMAIN AS EXISTING.</p> <p>10. GENERAL CONTRACTOR SHALL CAP ALL EXPOSED EXISTING PIPING NOT BEING USED BEHIND FINISH SURFACE.</p> <p>11. PROVIDE ACCESS DOORS FOR PLUMBING, ELECTRICAL, ETC. AS REQUIRED TO ACCESS EQUIPMENT OR CONTROLS. LOCATION TO BE APPROVED BY ARCHITECT.</p> <p>12. N/A</p> <p>13. THE GENERAL CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS ON THE SITE WHICH MIGHT REQUIRE ACCESS DOORS, AND SHALL INCLUDE IN HIS BID AS A SEPARATE PRICE THE COST OF FURNISHING AND INSTALLING THESE ACCESS DOORS, STATING QUANTITY AND UNIT COST.</p> <p>14. ALL EXISTING DOORS, DOOR FRAMES OR HARDWARE TO REMAIN OR BE REUSED SHALL BE PATCHED, REPAIRED, UNDERCUT, OR ADJUSTED AS REQUIRED FOR A PROPER INSTALLATION.</p> <p>15. ALL DOORS, EXISTING AND NEW, TO BE UNDERCUT TO 5/8" A.F.F. UNLESS OTHERWISE NOTED.</p> <p>16. ALL DOORS (NEW AND EXISTING) SHALL HAVE DOOR STOPS AND BUMPER OR SILENCERS. DOOR STOPS TO BE FLOOR MOUNTED TYPE, UNLESS OTHERWISE NOTED.</p> <p>17. ALL LOCKSETS SHALL BE MASTER KEYED AS REQUIRED BY THE OWNER. SEE DOOR SCHEDULE & HARDWARE SCHEDULE FOR INFORMATION.</p> <p>18. N/A</p> <p>19. N/A</p> <p>20. CONTRACTOR SHALL FURNISH AND INSTALL FIREPROOF BLOCKING IN CEILINGS OR PARTITIONS AS REQUIRED, OR WHERE WALL-MOUNTED EQUIPMENT OR CABINETRY IS INDICATED, FOR A COMPLETE INSTALLATION.</p> <p>21. THE GENERAL CONTRACTOR IS RESPONSIBLE TO PROVIDE AND INSTALL ALL BLOCKING AND GROUNDS AS REQUIRED FOR THE INSTALLATION OF WINDOW BLINDS, DRAPERIES, AND CURTAINS, AS REQUIRED, USING FIRE-RETARDANT WOOD.</p> <p>22. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF EXISTING FLOORING DOWN TO THE SLAB IN ALL AREAS WHERE NEW FLOORING IS SPECIFIED.</p> <p>23. N/A</p> <p>24. ALL EXISTING CONSTRUCTION TO REMAIN SHALL BE PATCHED AND REPAIRED AS REQUIRED AND PREPARED TO RECEIVE NEW FINISHES PER FINISH PLAN.</p> <p>25. ALL SURFACES OR FINISHES TO REMAIN, IF DAMAGED DURING DEMOLITION OR ANY STAGE OF THE WORK, SHALL BE REPAIRED BY THE GENERAL CONTRACTOR AT HIS EXPENSE TO "LIKE NEW" CONDITION. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DOCUMENT ANY PRE-EXISTING DAMAGE AND, RELATIVE TO GENERAL NOTE #3, NOTIFY ARCHITECT OF ANY SUCH DAMAGE PRIOR TO PRICING OR BIDDING.</p>	<p>1. SEE ENGINEER'S DRAWINGS FOR ADDITIONAL NOTES AND GENERAL INFORMATION. THE GENERAL CONTRACTOR SHALL VERIFY ALL JOB CONDITIONS, DIMENSIONS AND DETAILS PRIOR TO CONSTRUCTION, AND AS ANTICIPATED OR INFERRED PRIOR TO PRICING OR BIDDING. ALL DOORS, EXISTING AND NEW, TO BE UNDERCUT TO 5/8" A.F.F. UNLESS OTHERWISE NOTED.</p> <p>2. SEE ENGINEER'S DRAWINGS FOR ALL LIGHT FIXTURE CIRCUITING, EMERGENCY AND EXIT LIGHTING, SMOKE DETECTORS, STROBE LIGHTING, ALARM SPEAKERS, SWITCHING AND RELATED WORK. CONTRACTOR IS TO VERIFY ALL LIGHT FIXTURE WATTAGE (MAX.) AND PROVIDE PROPER NUMBER OF SWITCHES AT THAT LOCATION TO SERVICE INDICATED LIGHT FIXTURES.</p> <p>3. SEE ENGINEER'S DRAWINGS FOR ALL CEILING DIFFUSERS, DUCTWORK LAYOUTS, TRANSFER DUCTS, FUSIBLE LINK DAMPERS, ETC. ARCHITECT'S DRAWINGS INDICATE DIFFUSERS FOR LOCATION ONLY. WHERE DISCREPANCIES OCCUR BETWEEN ENGINEERING AND ARCHITECTURAL DRAWINGS REGARDING LOCATIONS, ARCHITECTURAL DRAWINGS SHALL GOVERN.</p> <p>4. GENERAL CONTRACTOR SHALL PROVIDE A COMPOSITE CEILING PLAN (3/8" = 1'-0" MIN.) AND NECESSARY SHOP DRAWINGS COORDINATING ALL TRADES, SHOWING THE LOCATION OF SUSPENSION MEMBERS, LIGHT FIXTURES, EMERGENCY AND EXIT LIGHTING, HVAC FIXTURES, DRAPERY POCKETS, FIRE DAMPERS, ACCESS DOORS, FASCIAS, SOFFITS AND ALL OTHER ITEMS PENETRATING OR ATTACHED TO THE CEILING.</p> <p>5. H.V.A.C. SUBCONTRACTOR TO SUBMIT A LAYOUT SHOP DRAWING INDICATING ALL DIFFUSER LOCATIONS AND DUCTWORK LAYOUTS TO ARCHITECT'S OFFICE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OF ANY WORK.</p> <p>6. ACCESS DOOR LOCATIONS TO BE REVIEWED IN THE FIELD PRIOR TO INSTALLATIONS, AND THEIR LOCATIONS TO BE APPROVED BY THE ARCHITECT.</p> <p>7. SEE REFLECTED CEILING PLAN FOR CEILING HEIGHTS. MAINTAIN CEILING HEIGHT THROUGHOUT. NOTIFY ARCHITECT OF ANY COMPLICATIONS WITH HEIGHT.</p> <p>8. NO CEILING BREAKS WILL BE PERMITTED WITHIN A ROOM, UNLESS OTHERWISE NOTED.</p> <p>9. G.C. SHALL BE RESPONSIBLE FOR VERIFYING COMPATIBILITY OF LIGHTING FIXTURES WITH THE SPECIFIED CEILING SYSTEM.</p> <p>10. N/A</p> <p>11. ALL SWITCHES/DIMMERS TO BE MOUNTED AT 3'-2" A.F.F. TO CENTER LINE OF SWITCH/DIMMER. MULTIPLE SWITCHES AND/OR DIMMERS TO BE GANGED AND PROVIDED WITH SINGLE GANG PLATE.</p> <p>12. GENERAL CONTRACTOR TO PROVIDE INITIAL LAMPING OF ALL FIXTURES AND INSTALL APPROPRIATE LAMPS AS REQUIRED BY SPECIFIED LIGHT FIXTURE.</p> <p>13. N/A</p> <p>14. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL SHALLOW DEPTH FIXTURES AS FIELD CONDITIONS NECESSITATE WITH ARCHITECT'S APPROVAL.</p> <p>15. ALL HVAC RETURN AIR GRILLES SHALL BE LOCATED IN THE CEILING UNLESS OTHERWISE NOTED. LOCATION SUBJECT TO ARCHITECT'S APPROVAL.</p> <p>16. GENERAL CONTRACTOR TO THOROUGHLY CLEAN ALL EXISTING HVAC CEILING DIFFUSERS AND RETURN AIR GRILLES.</p> <p>17. G.C. TO PROVIDE APPROPRIATE SIZED CUT-OUT ABOVE CEILING WHERE PARTITION WALLS EXTEND TO SLAB ABOVE, AS REQUIRED FOR CIRCULATION OF RETURN AIR TO H.V.A.C. SYSTEM. FURNISH AND INSTALL FIRE DAMPERS AS REQUIRED TO MAINTAIN THE INTEGRITY OF RATED WALLS.</p> <p>18. GENERAL CONTRACTOR SHALL REMOVE CEILING TILE AS REQUIRED BY THE TELEPHONE COMPANY, OR OTHER COMMUNICATIONS AGENCY AUTHORIZED BY THE ARCHITECT FOR TELEPHONE AND SIGNAL CABLE INSTALLATION, AND REPLACE TILE WHEN WORK IS COMPLETED.</p> <p>19. SEE ENGINEER'S DRAWINGS FOR ALL SPRINKLER HEADS AND RELATED WORK. ARCHITECT'S DRAWINGS INDICATE SPRINKLER HEADS FOR LOCATION ONLY. WHERE DISCREPANCIES OCCUR BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS REGARDING LOCATIONS, ARCHITECTURAL DRAWINGS SHALL GOVERN.</p> <p>20. ALL SPRINKLER HEADS AT DROPPED CEILINGS TO BE CONCEALED FLUSH TYPE WITH PREPAINTED WHITE CAP TO MATCH CEILING. WHERE INDICATED IN ACOUSTICAL TILE CEILINGS, SPRINKLER HEADS SHALL BE CENTERED IN TILES, U.O.N.</p> <p>21. INSTALL DIRECTIONAL ACOUSTICAL TILE WITH THE GRAIN IN ONE DIRECTION ONLY IN ANY SINGLE SPACE, AS DIRECTED BY THE ARCHITECT.</p> <p>22. G.C. IS RESPONSIBLE TO BALANCE THE HVAC SYSTEM AFTER THE INSTALLATION IS COMPLETED AND SUBMIT A WRITTEN REPORT TO THE ARCHITECT'S OFFICE FOR REVIEW AND APPROVAL.</p>	<p>1. SEE ENGINEER'S DRAWING FOR ALL CIRCUITING AND RELATED WORK.</p> <p>2. GENERAL CONTRACTOR SHALL VERIFY THE AVAILABLE ELECTRIC SERVICE AND ADVISE THE ARCHITECT OF HIS FINDINGS PRIOR TO SUBMITTING A BID.</p> <p>3. ELECTRICAL CONTRACTOR SHALL DISCONNECT, CONNECT, AND PROVIDE NECESSARY ELECTRIC RUNS IN ORDER TO CONFORM WITH NEW PLAN.</p> <p>4. SWITCHES, DUPLEX OUTLETS, COVER PLATES AND FLOOR MOUNTED OUTLETS SHALL BE INSTALLED BY COMPETENT MECHANICS IN A FIRST CLASS MANNER.</p> <p>5. THE ELECTRICAL CONTRACTOR SHALL INCLUDE AND COORDINATE ELECTRICAL REQUIREMENTS FOR ALL HVAC EQUIPMENT, EXHAUST FANS, WATER HEATERS, AND SPECIAL EQUIPMENT, ETC.</p> <p>6. EXCEPT AS NOTED, ALL ELECTRICAL AND TELEPHONE WALL OUTLETS ARE TO BE MOUNTED AT 15" AFF TO CENTER LINE.</p> <p>7. IF OUTLET DIMENSION CALLS FOR MORE THAN 24" AFF., OUTLETS (WITH EXCEPTION OF WALL TELEPHONE OUTLETS) SHALL BE MOUNTED HORIZONTALLY.</p> <p>8. N/A</p> <p>9. ALL BACK-TO-BACK OUTLETS IN ADJOINING ROOMS TO BE STAGGERED.</p> <p>10. ALL EXISTING TO REMAIN ELECTRICAL OUTLETS SHALL BE REFITTED WITH A NEW RECEPTACLE AND A NEW COVER PLATE.</p> <p>11. ALL NEW TELEPHONE AND ELECTRICAL OUTLETS TO BE INSTALLED ON AN EXISTING WALL SHOULD BE FLUSH MOUNTED WITH THE FINISHED WALL SURFACE. CHOP OUT THE WALL AS REQUIRED TO RECESS THE JUNCTION BOX AND CONDUIT, AND PATCH THE WALL AS REQUIRED.</p> <p>12. ALL EXISTING ELECTRICAL OUTLETS TO BE CAPPED SHALL HAVE THE ELECTRICAL DEVICE AND ALL THE WIRING REMOVED. PATCH HOLE AS REQUIRED.</p> <p>13. GENERAL CONTRACTOR SHALL REMOVE ALL UNUSED CONDUIT, COAXIAL CABLE AND TELEPHONE WIRING COMPLETELY FROM AREAS IN SCOPE OF THIS CONTRACT.</p> <p>14. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NECESSARY TO COMPLETE CORE DRILLING AND ELECTRICAL HOOD-UP, PATCHING, ETC., INCLUDING WORK IN LANDLORD'S OR OTHER TENANT'S SPACE. ALL CORE DRILLING SHALL BE ACCOMPLISHED DURING STATED BUILDING APPROVED WORKING HOURS. CONTRACTOR SHALL VERIFY AND CONFORM TO THOSE HOURS WHEN WORK IS REQUIRED.</p> <p>15. SHOULD JOB CONDITIONS REQUIRE RELOCATION OF PLANNED TELEPHONE OR ELECTRICAL OUTLETS FOR ANY REASON, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR APPROVAL OF ALTERNATE LOCATION PRIOR TO THE START OF ANY WORK.</p> <p>16. ANY EXISTING FIRE ALARM SOUNDERS OR PULL BOXES WHICH INTERFERE WITH NEW PARTITION WORK SHALL BE RELOCATED TO A LOCATION APPROVED BY THE ARCHITECT.</p> <p>17. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND HOOD-UP OF ALL ELECTRIFIED RACEWAYS THROUGH THE SYSTEMS FURNITURE AS SPECIFIED. IT WILL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE SYSTEMS FURNITURE SPECIFIED AND ALL ELECTRICAL WORK RELATED TO THAT SYSTEM.</p> <p>18. N/A</p> <p>19. NO FLOOR OR WALL POWER OUTLETS SHALL BE CONNECTED TO LIGHTING CIRCUITS.</p> <p>20. PROVIDE TAMPER-PROOF CIRCUIT BREAKER CLAMPS ON ALL DEDICATED CIRCUIT BREAKERS.</p> <p>21. GENERAL CONTRACTOR SHALL REVISE AND UPDATE LABELS FOR ALL CIRCUIT BREAKERS AT ALL ELECTRICAL CLOSETS ON THE JOB.</p> <p>22. TELEPHONE FLOOR AND WALL OUTLET BOXES SHALL BE CAPABLE OF FULLY HOUSING THE TELEPHONE COMPANY'S PRE-WIRED AMPHENOL CONNECTORS, BOTH FOR SINGLE-LINE EXTENSIONS AND FOR CALL DIRECTORS.</p> <p>23. N/A</p> <p>24. G.C. SHALL COORDINATE WITH THE ELECTRICAL & WOODWORK CONTRACTORS TO PROVIDE CUT-OUTS IN FIELD, AS REQUIRED, FOR EXTENSION OF ELECTRIC OUTLETS, CABLES, ETC. INTO CABINETWORK AS SPECIFIED.</p> <p>25. ALL ELECTRICAL WORK PERFORMED IN CONNECTION WITH THE INSTALLATION OF THE TELEPHONE COMMUNICATIONS SYSTEM SHALL BE IN ACCORDANCE WITH THE BUILDING MANAGEMENT AND TELEPHONE COMPANY'S RECOMMENDATIONS AND REQUIREMENTS INCLUDING THE INSTALLATION OF REQUIRED CONDUIT FROM THE BUILDING TELEPHONE EQUIPMENT ROOM TO THE OWNER'S SPACE.</p> <p>26. N/A</p>	<p>30. COMPUTER CABLE INSTALLATION: ALLOW APPROPRIATE LENGTH OF SLACK ON BOTH ENDS OF EACH CABLE TERMINATION FOR CONNECTION TO SPECIFIED EQUIPMENT (MIN-6").</p> <p>31. TO DETERMINE MOST ECONOMICAL ROUTE FOR ALL CABLE RUNS FROM ORIGINATION TO TERMINATION POINT AT CONTROLLER.</p> <p>WOODWORK NOTES</p> <p>1. ALL ITEMS OF WOODWORK INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE PERFORMED BY SKILLED MECHANICS USING THE BEST TECHNIQUES KNOWN TO THE TRADE AND IN CONFORMANCE WITH ALL TRADE STANDARDS, SPECIFICALLY THE "PREMIUM GRADE" QUALITY STANDARDS AND THE GUIDELINES FOR "HIGH PRESSURE LAMINATE" OF THE ARCHITECTURAL WOODWORK INSTITUTE.</p> <p>2. WOODWORK CONTRACTOR TO SUBMIT ALL ELECTRONIC SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OF ANY WORK.</p> <p>3. WOODWORK CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND SCHEDULING HIS WORK WITH THE GENERAL CONTRACTOR.</p> <p>4. WOODWORK CONTRACTOR SHOULD INSPECT THE ALIGNMENT OF ALL GYP. BD. CONSTRUCTION AND SHOULD NOTIFY THE ARCHITECT OF ANY CONDITION THAT WOULD PREVENT HIM FROM COMPLETING HIS WORK.</p> <p>5. N/A</p> <p>6. SCREW AND GLUE ALL JOINTS AND CONNECTIONS. NO NAILING PERMITTED.</p> <p>7. WOODWORK CONTRACTOR SHALL USE ONLY FIRE-RETARDANT WOOD BLOCKING.</p> <p>8. ALL HIGH-PRESSURE PLASTIC LAMINATE WORK SHALL BE SOLID IN ONE PIECE AND WITHOUT SPLICE JOINTS (EXCEPT WHERE PROHIBITED BY THE MAXIMUM AVAILABLE SIZE OF THE MANUFACTURED PLASTIC LAMINATE MATERIALS) AND SHALL BE BONDED TO THE CORESTOCK USING THE "HOT PLATE" PRESS METHOD. ALL EDGES AND EXPOSED CORNERS TO BE FINELY JOINED. UNSIGHTLY JOINTS, NICKS, SCRATCHES, CHOPS, DEFECTS, WAVEY OR UNEVEN LAMINATION WILL BE REJECTED. IF JOINTS ARE REQUIRED DUE TO LENGTH OF UNIT, JOINTS TO BE CENTERED SYMMETRICALLY OVER THE LENGTH OF THE UNIT.</p> <p>9. ALL SURFACES TO BE LAMINATED (PL. LAM. OR VENEERED) SHALL BE LAMINATED WITH THE SAME TYPE OF MATERIAL ON THE BOTH SIDES (BACKING) WHETHER VISIBLE OR NOT. PANEL AND PLYWOOD BACKS NOT EXPOSED TO VIEW SHALL BE VENEERED WITH THE SAME SPECIES AND THICKNESS OF VENEER USED FOR THE FACES, FOR BALANCED CONSTRUCTION. HOWEVER, THE VENEERED SURFACES NOT EXPOSED TO VIEW NEED NOT BE MATCHED.</p> <p>10. DOORS HAVING PLASTIC LAMINATE FACES SHALL ALSO HAVE BACKS AND EDGES OF THE SAME PLASTIC LAMINATE AS THE FACE. DRAWERS HAVING PLASTIC LAMINATE FACES SHALL HAVE BIRCH VENEER SOLID-CORE INTERIOR CONSTRUCTION (BOTTOM AND SIDES) WITH CLEAR LACQUER FINISH. DRAWER FRONT AND SIDES TO BE GROOVED TO RECEIVE (3) PLY BOTTOM PIECE.</p> <p>11. WOODWORK CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR ON THE LOCATION AND INSTALLATION OF ALL GROUNDS AND BLOCKING INSIDE THE WALL CONSTRUCTION RELATED TO CABINETWORK.</p> <p>12. WHERE ELECTRICAL WORK IS SPECIFIED IN CABINETS, LAMPS AND FIXTURES ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR. CUT-OUTS FOR SWITCHES, OUTLETS, AND WIRING DEVICES TO BE INSTALLED IN CABINETRY IN THE FIELD ARE TO BE COORDINATED BY THE GENERAL CONTRACTOR.</p> <p>13. WOODWORK CONTRACTOR SHALL PROVIDE ALL HARDWARE REQUIRED FOR FINISHED INSTALLATION OF CABINETS.</p> <p>14. FIELD VERIFY LOCATION OF ALL HOLES THROUGH ALL NEW COUNTERTOPS AND PROVIDE A PLASTIC GROMMET INSERT AT EACH LOCATION. SEE DETAILS FOR SIZES AND LOCATIONS.</p> <p>15. WOODWORK SUBCONTRACTOR SHALL SHIM AND LEVEL ALL COUNTERS TO BE LOCATED OVER FILES, AND PROVIDE A STABLE TEMPORARY SUPPORT UNTIL FILES ARE DELIVERED FOR INSTALLATION. CONTRACTOR TO PROVIDE FILLER STRIPS AS REQUIRED BETWEEN FILE CABINETS AND COUNTERTOPS, AND BETWEEN CABINETS AND SURROUNDING WALLS AND CEILINGS.</p> <p>16. WOODWORK CONTRACTOR IS RESPONSIBLE TO CLEAN AND POLISH AND TOUCH-UP AS REQUIRED ALL WOODWORK AFTER THE INSTALLATION IS COMPLETED.</p>	<p>1. SAMPLES OF ALL FINISHES SPECIFIED SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL IN TRIPLICATE, PRIOR TO COMMENCEMENT OF THE WORK. CARPET, WALLCOVERING, AND WOOD FINISH SAMPLES TO BE A MIN. 12" X 12". PAINT SAMPLES FOR GYP. BD. SURFACES TO BE PROVIDED ON 12" X 12" PIECES OF GYP. BD.</p> <p>2. ALL WALLS (NEW AND EXISTING) SHALL BE PROPERLY PREPARED (SPACKLED, SANDED, ETC.) FOR PAINTING AND/OR WALLCOVERING AS PER FINISH PLAN AND MANUFACTURER'S SPECIFICATIONS.</p> <p>3. ALL PAINTS SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR SURFACE.</p> <p>4. ALL SURFACES WHICH ARE TO BE PAINTED SHALL RECEIVE (1) COAT OF PRIMER AND (2) COATS OF FINISH PAINT. (3) COATS TOTAL.</p> <p>5. ALL WALLS TO BE PAINTED SHALL BE PAINTED WITH A LATEX BASE EGGSHELL FINISH PAINT UNLESS OTHERWISE NOTED. ALL DOORS, DOOR FRAMES, WINDOW FRAMES, AND CONVECTOR ENCLOSURES SHALL BE PAINTED WITH AN ALKYD BASE SEMI-GLOSS FINISH PAINT UNLESS OTHERWISE NOTED. ALL PAINTS SHALL BE LOW VOC PAINT.</p> <p>6. ALL CONVECTOR ENCLOSURES TO BE PAINTED SHALL HAVE THE GRILLES AND ACCESS PANELS REMOVED AND PAINTED SEPARATELY AND REINSTALLED WHEN THOROUGHLY DRY.</p> <p>7. ALL DOORS AND FRAMES TO BE PAINTED THE SAME COLOR AND TYPE OF PAINT ON BOTH SIDES, UNLESS OTHERWISE NOTED.</p> <p>8. ALL WALLS WHICH HAVE BEEN PAINTED WITH AN EGGSHELL FINISH AND MUST BE TOUCHED UP AS A PUNCHLIST ITEM SHALL BE REPAINTED ENTIRELY BETWEEN THE (2) CLOSEST BREAK POINTS.</p> <p>9. ALL EXISTING GYPSUM BOARD CEILINGS THAT ARE PATCHED SHALL BE PAINTED IN THEIR ENTIRETY.</p> <p>10. GENERAL CONTRACTOR SHALL FLASH PATCH AND PREPARE ALL FLOORS AS REQUIRED TO RECEIVE SPECIFIED FLOORING MATERIAL.</p> <p>11. FLOORS MUST BE FREE OF DUST, OIL AND ALL FOREIGN MATTER. BUILDING MUST BE A MIN. OF 65°. 24 HOURS PRIOR TO INSTALLATION OF FLOOR COVERING. CRACKS 1/16" OR MORE, HOLES, AND OTHER UNEVENNESS MUST BE FILLED WITH A LATEX BASE FLOOR FILLER; HIGH SPOTS MUST BE LEVELLED. FLOOR MUST BE SWEEPED CLEAN, WET MOPPED WITH WARM WATER AND SWEEPED AGAIN. IF SWEEPING LEAVES A RESIDUE, FLOORS SHALL BE VACUUMED.</p> <p>12. FLOOR COVERING IN CLOSETS SHALL BE THE SAME AS THAT OF THE SPACE ONTO WHICH THE CLOSET OPENS UNLESS OTHERWISE NOTED.</p> <p>13. CROSS JOINTS NECESSARY DUE TO LENGTH OF ROLLS RECEIVED, SHALL BE PLACED TO AVOID OCCURRENCE AT CONSPICUOUS LOCATIONS NEAR DOOR OR AT DOORWAYS AND ENTRIES. PERPENDICULAR TO DOORS OR ENTRIES. SEAMS OCCURRING PARALLEL TO DOORS SHALL BE CENTERED DIRECTLY UNDER THE DOOR. CONTRACTOR TO SUBMIT SEAMING DIAGRAM FOR ARCHITECT'S REVIEW.</p> <p>14. SEAMS SHALL BE TRIMMED AND SEALED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p>

NO. REVISION DATE
 BID SET/
 PERMIT SET 10-7-20

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DRAWING TITLE:
 GENERAL NOTES

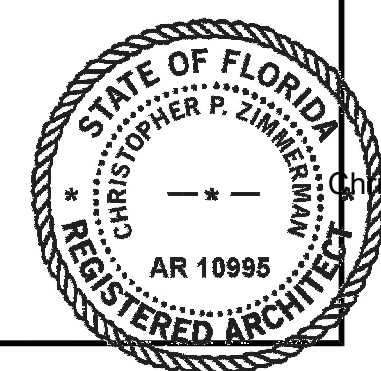
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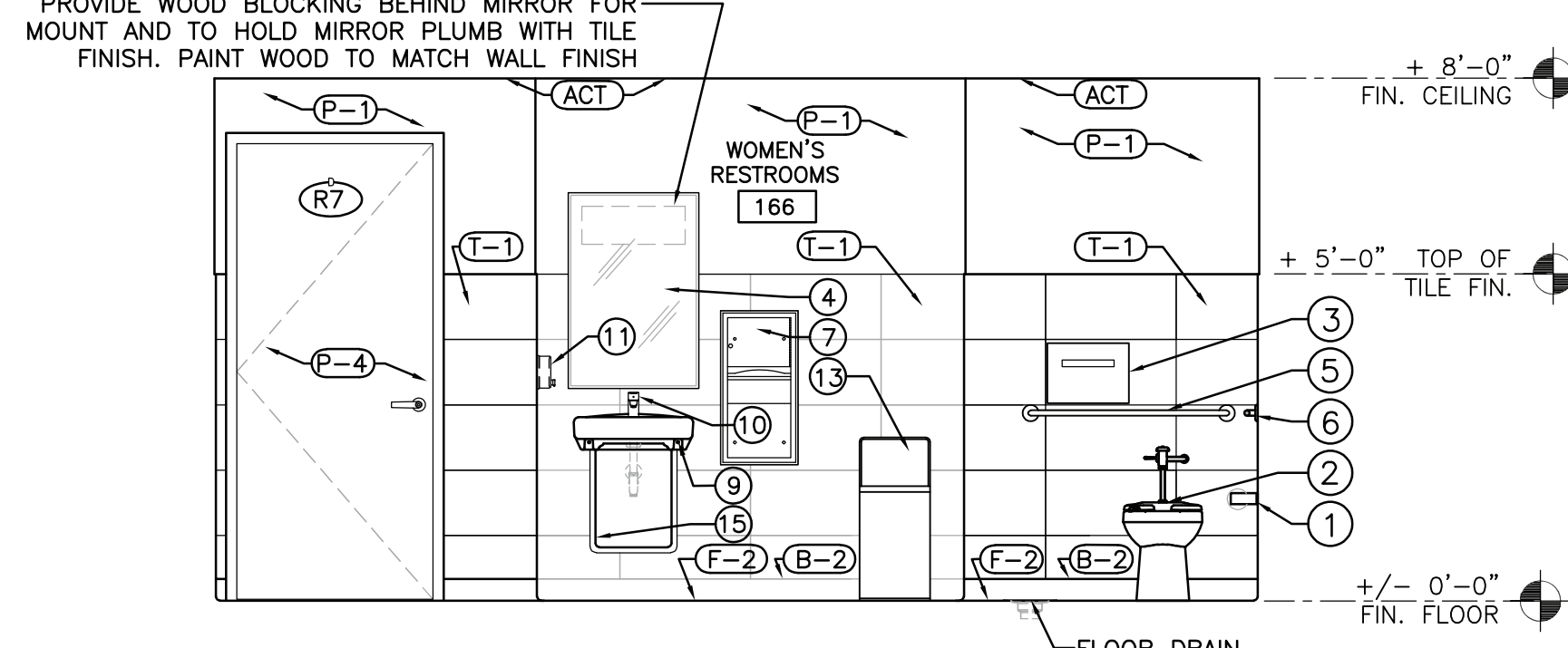
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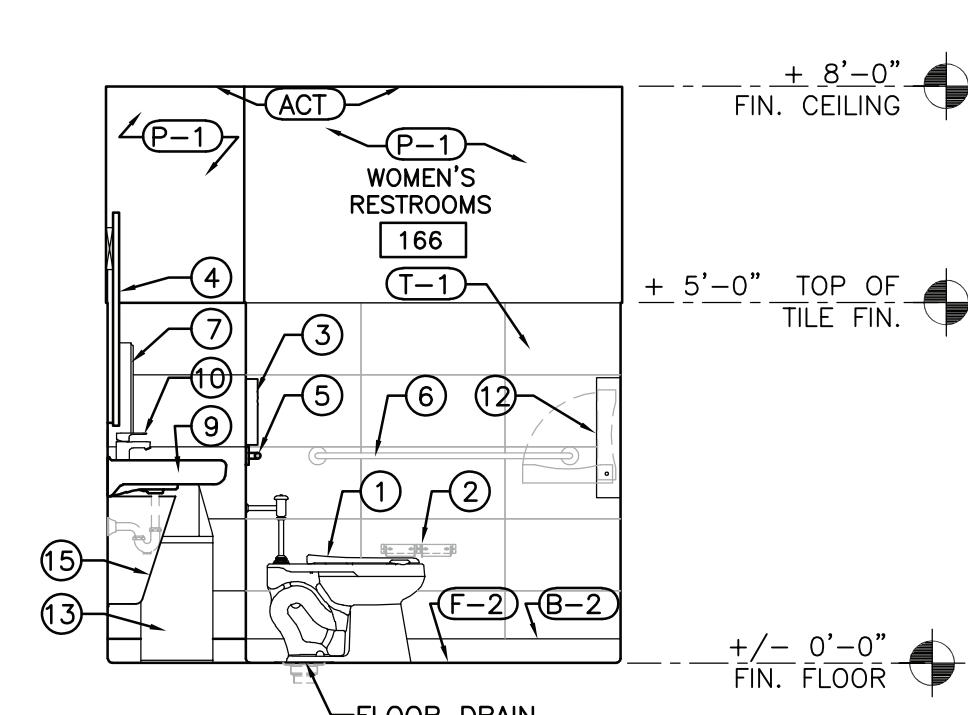
A-00

Digitally signed by Chris P. Zimmerman, DN: cn=Chris P. Zimmerman, o=CPZ Architects, Inc., email=cpz@cpzarchitects.com, ou=CPZ Architects, Inc., c=US
 Date: 2020.10.07 12:11:52-0400

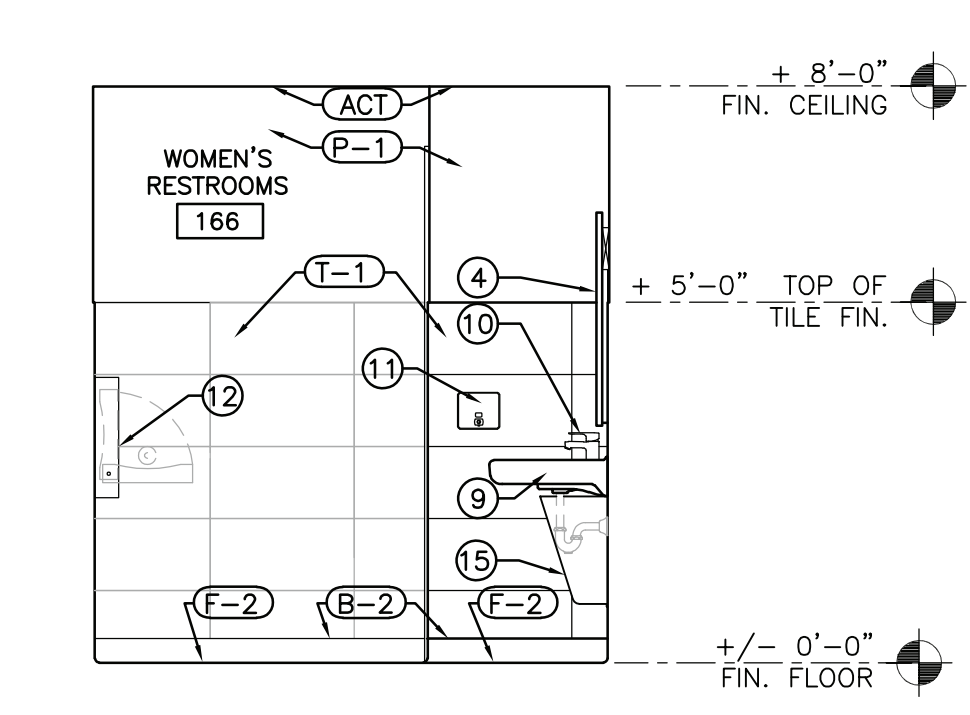




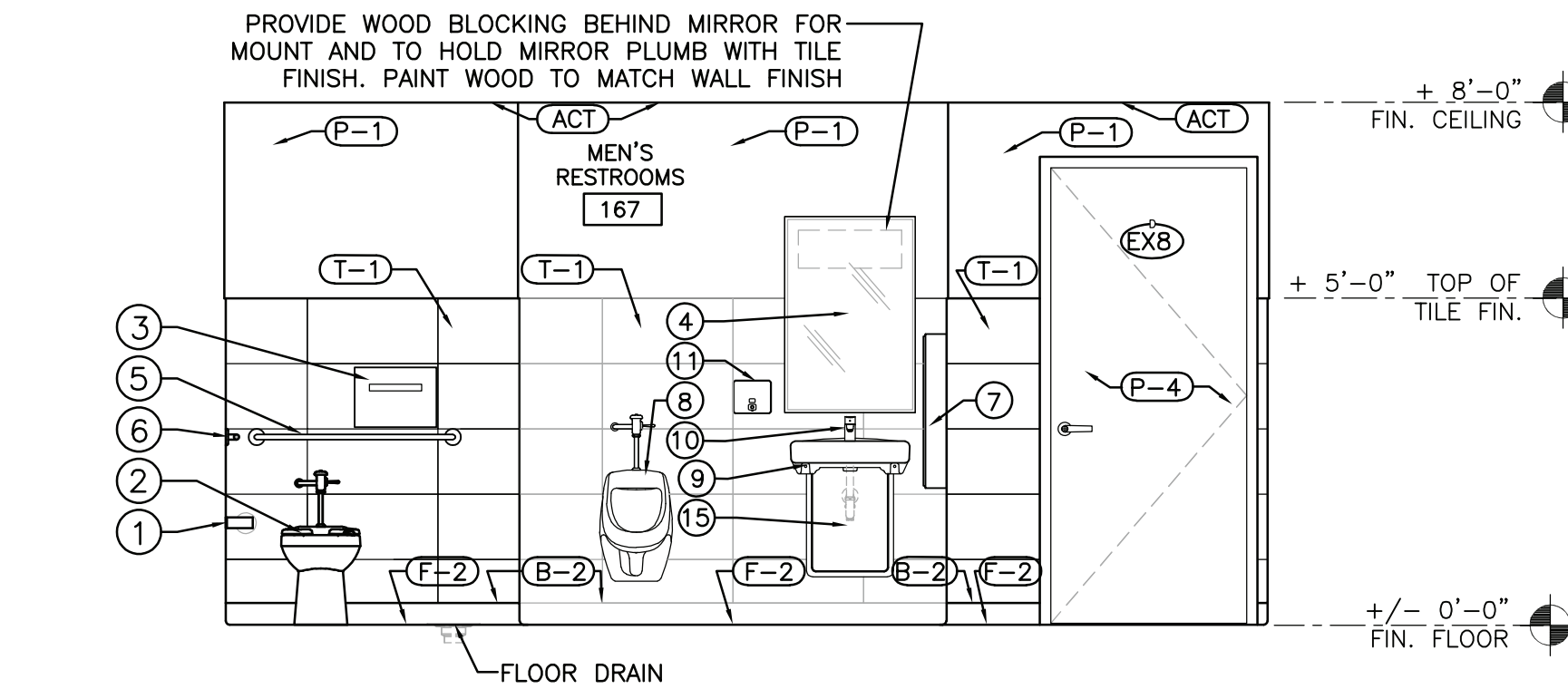
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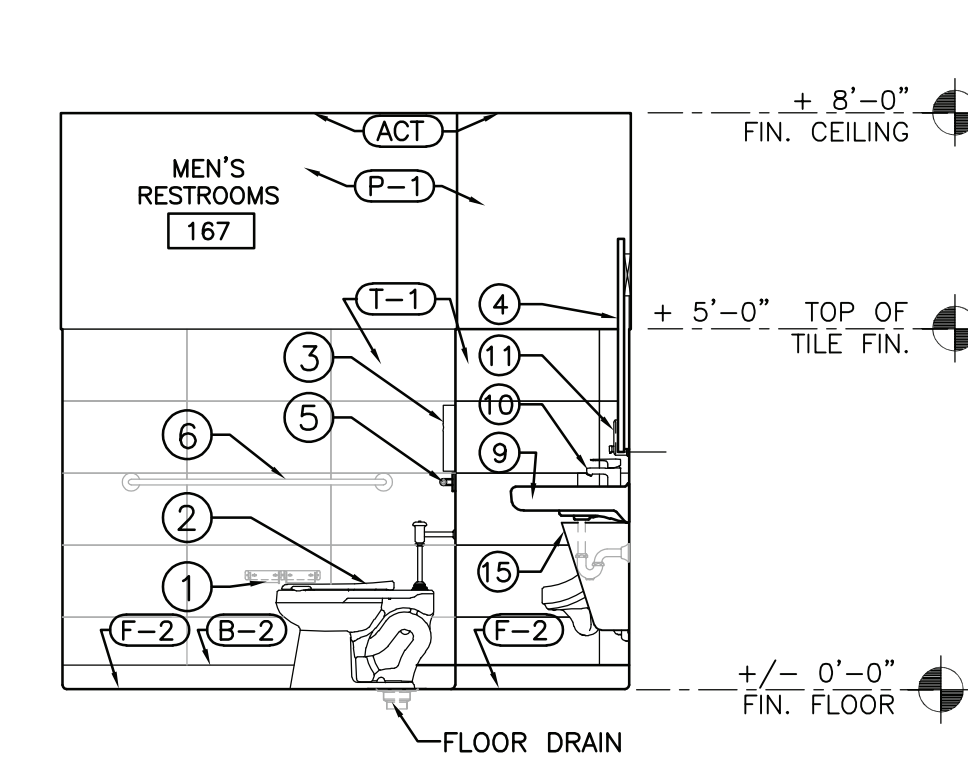
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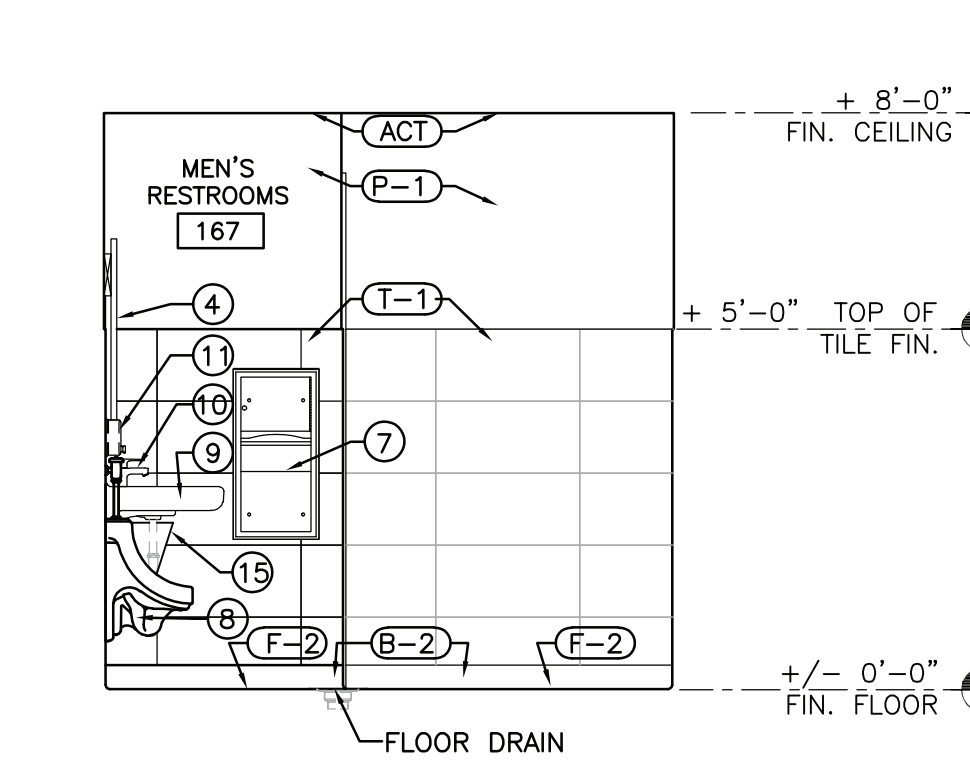
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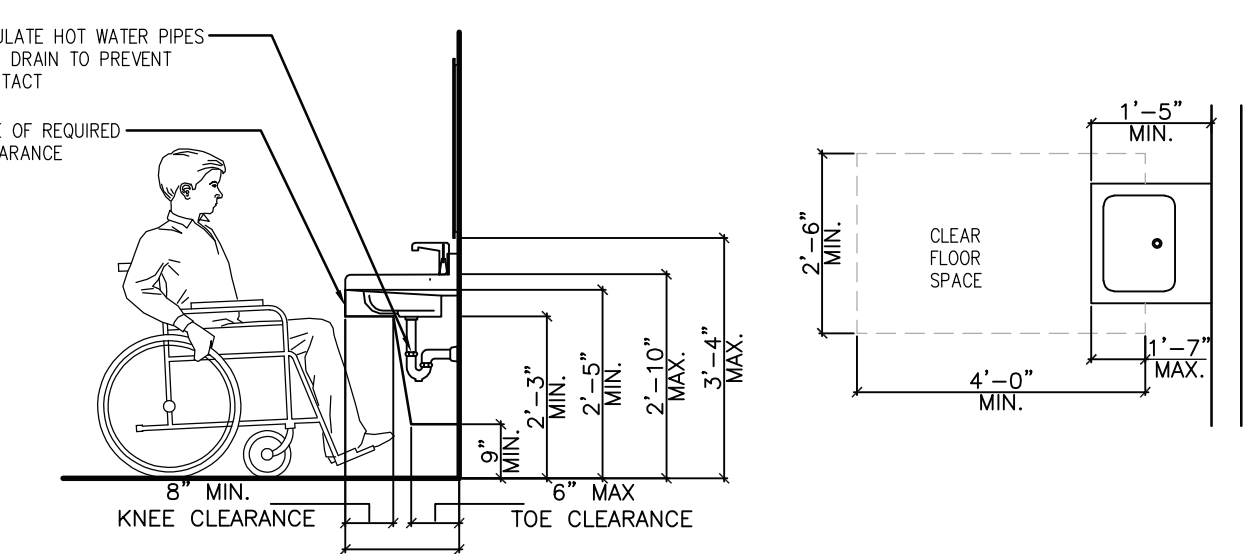
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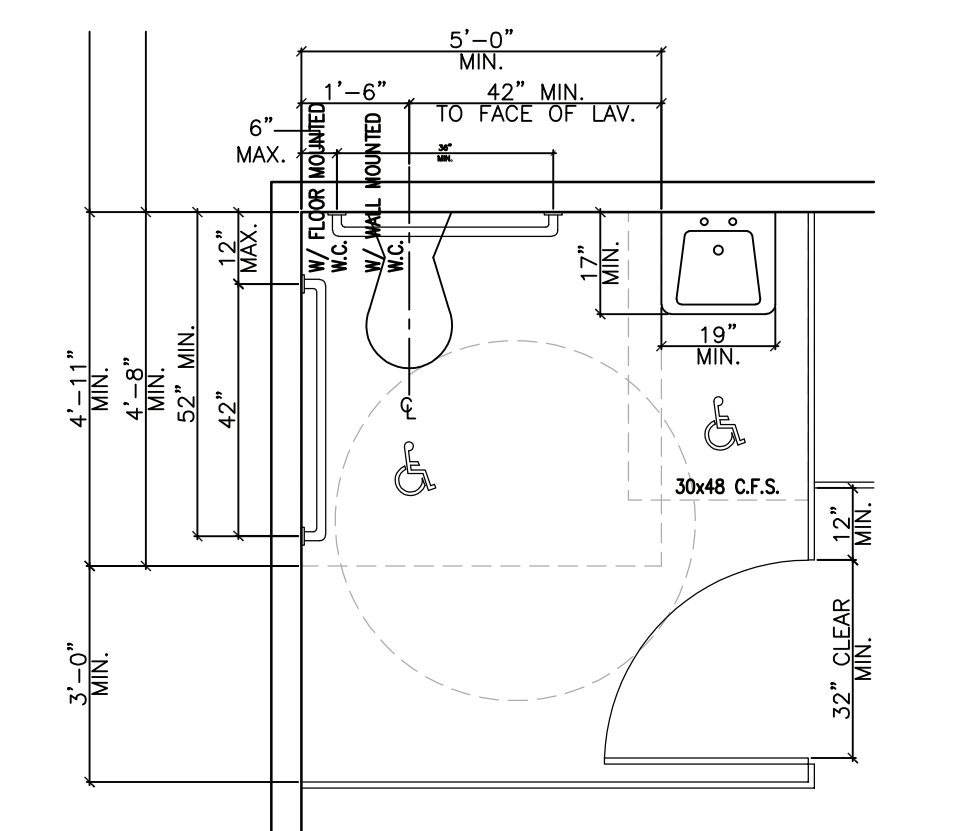
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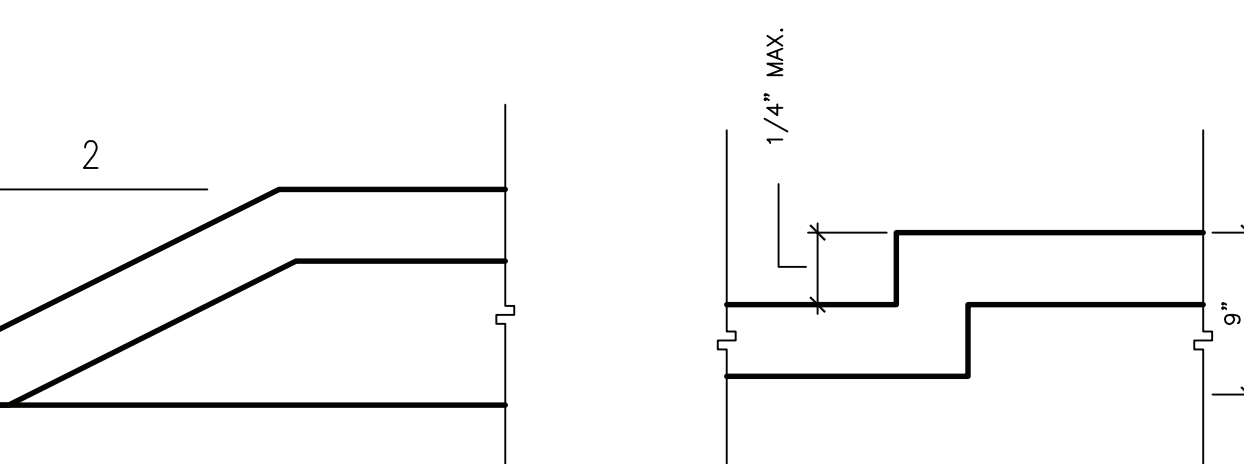
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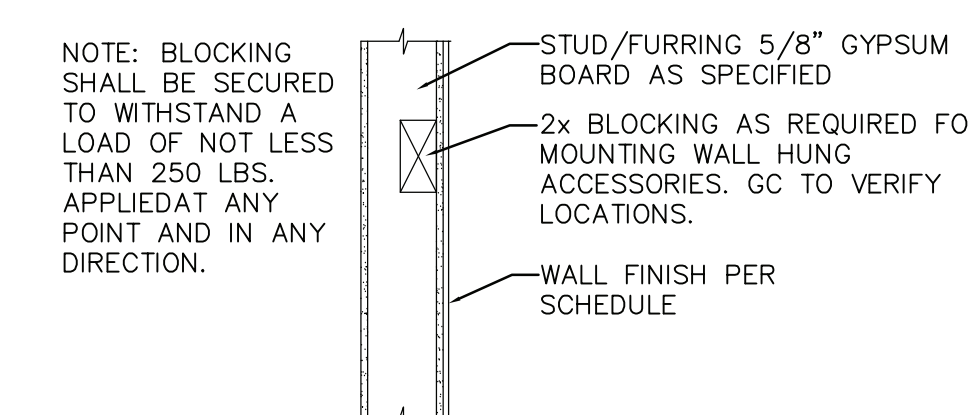
6 ADA SINK DETAIL
SCALE: 3/8" = 1'-0"



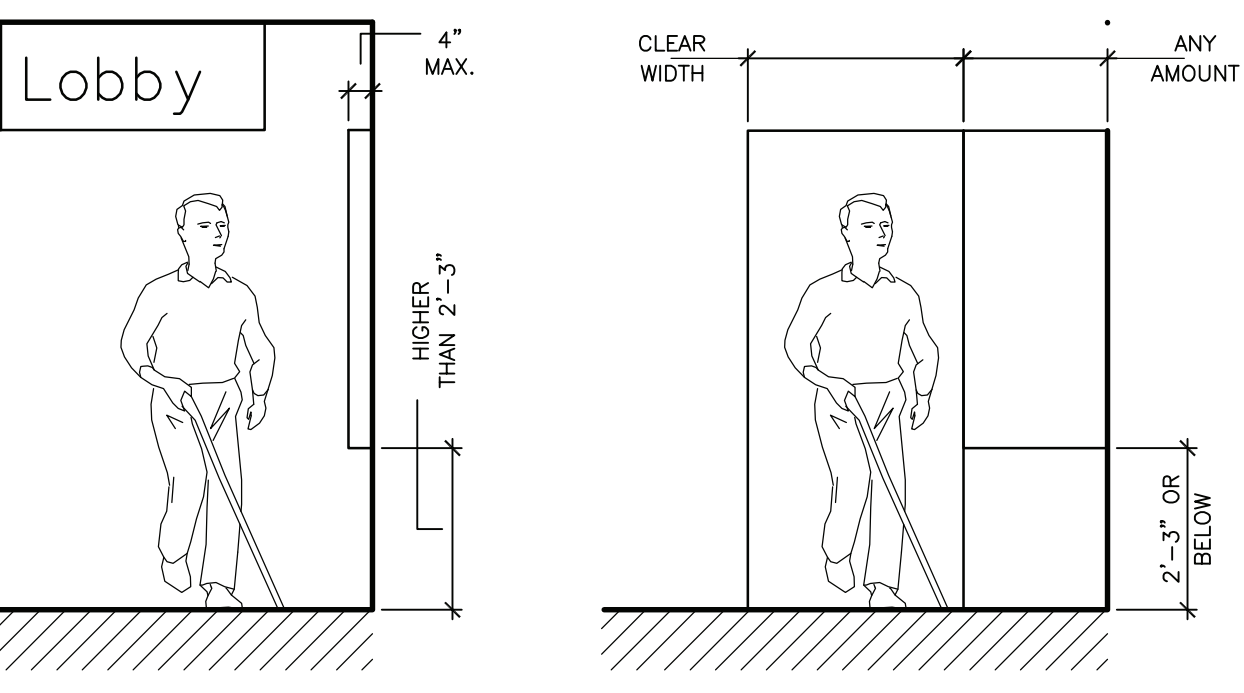
10 ACCESSIBLE RESTROOM
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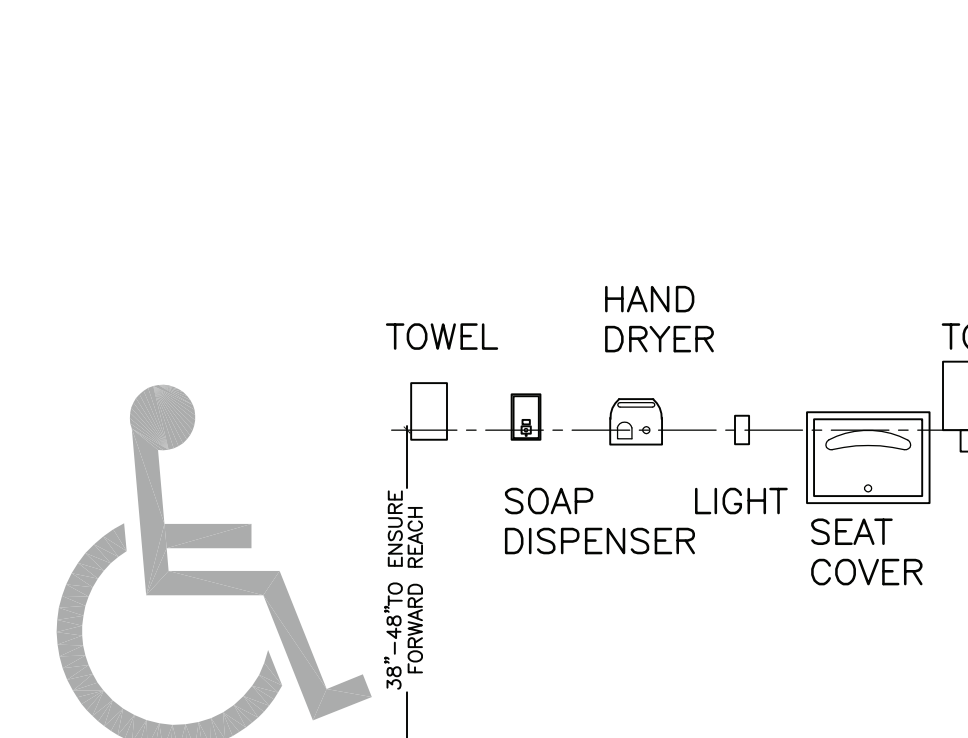
7 THRESHOLDS
SCALE: 3/8" = 1'-0"



11 WALL HUNG BACKING
SCALE: 3/8" = 1'-0"



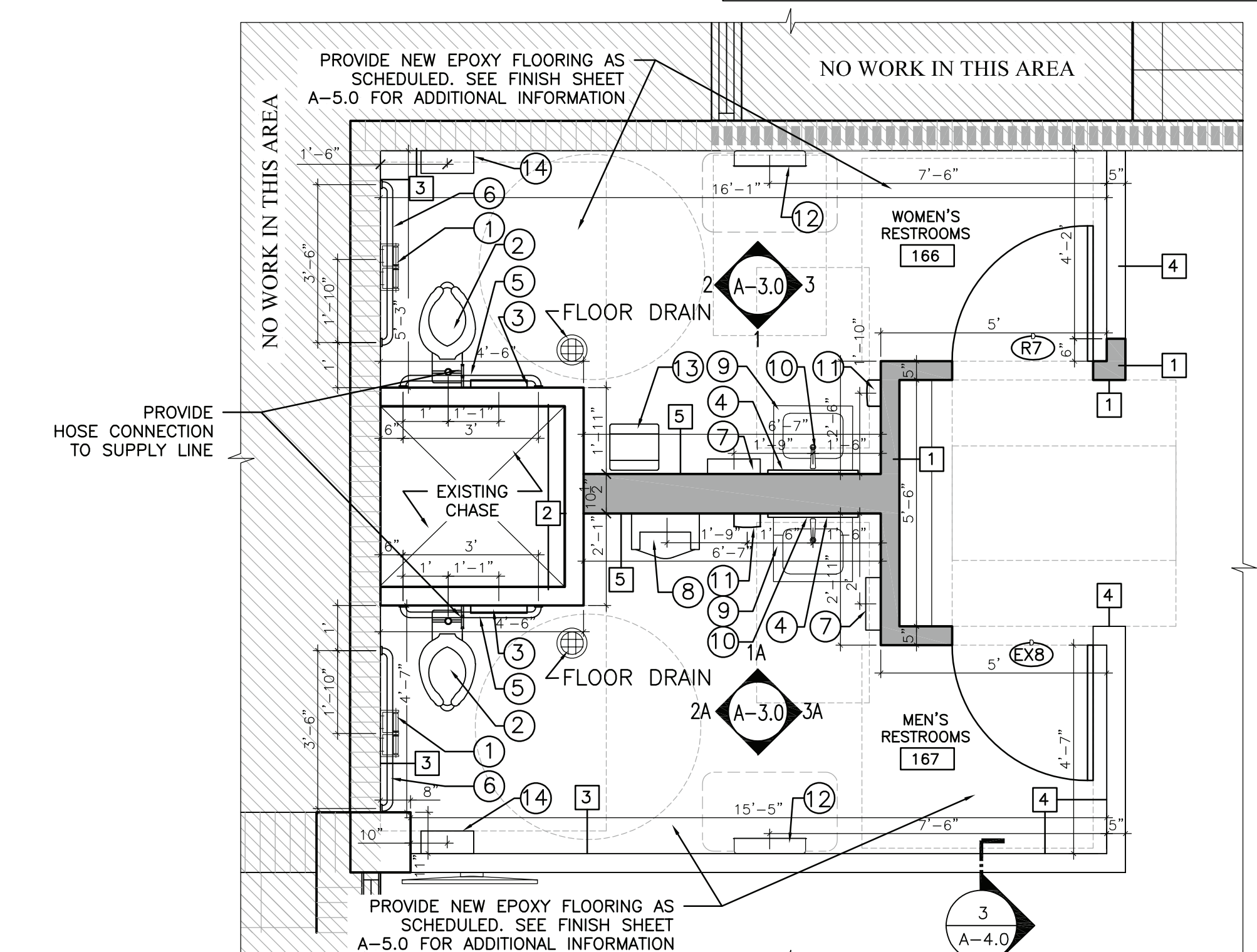
8 PROTRUDING OBJECTS
SCALE: 3/8" = 1'-0"



9 TOILET ACCESSORY ADA INSTALLATION HEIGHTS
SCALE: 3/8" = 1'-0"

DISABLED ACCESS NOTES

- IN BUILDINGS AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT.
- FLOOR SURFACES SHALL BE SLIP-RESISTANT.
- EVERY CORRIDOR AND AISLE SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE NOT LESS THAN 44" IN WIDTH.
- ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" IN HEIGHT. LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. BEVEL OTHERS WITH A SLOPE NO GREATER THAN 1:2.
- LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. MOUNT DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE FLOOR FINISH.
- CENTER HAND ACTIVATED DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE THE FLOOR.
- MAXIMUM PULL OR PUSH EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8.5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS, MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT CENTER PLANE OF SLIDING OR FOLDING DOORS. CORRESPONDING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. MAXIMUM EFFORT TO OPERATE REQUIRED FIRE DOORS MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
- THE BOTTOM 10" OF ALL DOORS (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. PROVIDE A 10" HIGH SMOOTH PANEL ON THE PUSH SIDE OF NARROW FRAME DOORS.
- EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE NOT LESS THAN 32" IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32".
- WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- IDENTIFY ACCESSIBLE ENTRANCES WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, VISIBLE FROM APPROACHING PEDESTRIAN WAYS.
- THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR. THE LEVEL AND CLEAR AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 44" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.
- FLOORS OR LANDINGS SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. LEVEL CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE LEVEL WITH A SLOPE NO GREATER THAN 1:2.
- TO ALERT THE VISUALLY IMPAIRED, MARK THE UPPER APPROACH AND THE LOWER TREAD OF EACH INTERIOR STAIR WITH A STRIP OF CLEARLY CONTRASTING COLOR AT LEAST 2" WIDE, PLACED PARALLEL TO AND NOT MORE THAN 1" FROM THE NOSE OF THE STEP OR LANDING. THE STRIP SHALL BE OF A MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR.
- ENTRY TO SANITARY FACILITIES:
- 44" CLEAR AISLES OR CORRIDORS WHERE OCCUPANT LOAD IS 10 OR MORE.
- DOORWAYS TO HAVE A 32" CLEAR OPENING.
- ON APPROACH SIDE, PROVIDE A 60" CLEAR LEVEL SPACE WHEN DOOR SWINGS TOWARD APPROACH AND 44" CLEAR SPACE WHEN DOOR SWINGS AWAY FROM APPROACH.
- MOUNT FLUSH VALVE CONTROL NO MORE THAN 44" ABOVE THE FLOOR, ON THE SIDE OF THE TOILET WITH THE GREATEST SEPARATION FROM ADJACENT WALL OR OTHER SURFACE.
- PROVIDE GRAB BARS ON EACH SIDE, OR ONE SIDE AND BACK OF WATER CLOSET.
- GRAB BARS TO BE 33" ABOVE AND PARALLEL TO THE FLOOR.
- SEAT BARS TO BE 42" LONG AND PROJECT 24" IN FRONT OF WATER CLOSET STOOL. GRAB BAR AT BACK TO BE 36" LONG.
- DIAMETER OF GRAB BARS TO BE 1-1/4" TO 1-1/2".
- PROVIDE 1-1/2" CLEARANCE BETWEEN GRAB BARS AND WALL.
- GRAB BARS (INCLUDING CONNECTORS, FASTENERS, SUPPORT BACKING, ETC.) SHALL SUPPORT A 250 POUND LOAD.
- GRAB BARS SHALL NOT ROTATE WITH THEIR FITTINGS.
- GRAB BARS AND ANY ADJACENT SURFACE SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS.
- EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".
- PROVIDE A CLEAR FLOOR SPACE 30"x48" IN FRONT OF LAVATORY TO PERMIT A FORWARD APPROACH.
- FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
- INSULATE OR OTHERWISE COVER HOT WATER AND DRAIN PIPES UNDER LAVATORIES.
- THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.



4 ENLARGED LOBBY RESTROOM FLOOR PLAN - PHASE I
SCALE: 3/8" = 1'-0"

MARK	MANUFACTURER	MODEL #	DESCRIPTION	REMARKS
1	BOBRICK	B-2888	SURFACE MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER	
2	AMERICAN STANDARD	2234.015	WATER CLOSET; WHITE; FLOOR-MOUNTED, SIPHON JET, ELONGATED RIM. MADERA AQUAMETER.	SEE PLUMBING SHEETS FOR ADDITIONAL INFORMATION.
3	BOBRICK	B-221	TOILET SEAT COVER DISPENSER - SURFACE MOUNTED, STAINLESS STEEL	
4	BOBRICK	B-165 2436	MIRROR 24" X 36" - FIXED POSITION	
5	BOBRICK	B-6806-36	36" LONG X 1 1/2" DIA., S.S. GRAB BAR-CONCEALED MOUNTING	
6	BOBRICK	B-6806-42	42" LONG X 1 1/2" DIA., S.S. GRAB BAR-CONCEALED MOUNTING	
7	BOBRICK	B-4369	PAPER TOWEL DISPENSER AND RECEPTACLE-RECESSED.	TOP AT 52 1/2" A.F.F.
8	KOHLER	DEXTER K-5452-ET	HANDICAPPED WHITE URINAL, FLUSH VALVE: SLOAN ROYAL #186-1 WALL-MOUNTED, WALL CARRIER, MADE# 400AM11-M36.	WALL-MOUNTED. SEE PLUMBING SHEET FOR ADDITIONAL INFORMATION.
9	NAMEEK'S	MONA CERASTYLE 064200-U	COLOR: WHITE; FAUCET: KOHLER TAUT SINGLE-CONTROL LAVATORY FAUCET K-74013-4, POLISHED CHROME.	SEE PLUMBING SHEET FOR ADDITIONAL INFORMATION.
10	KOHLER	TAUT K-74013-4	FAUCET: KOHLER TAUT SINGLE-CONTROL LAVATORY FAUCET; POLISHED CHROME.	SEE PLUMBING SHEETS FOR ADDITIONAL INFORMATION.
11	BOBRICK	B-4112	SOAP DISPENSER-SURFACE MOUNTED	
12	KOALA KARE	KB200-05SS	COLOR: STAINLESS/WHITE GRANITE	BABY CHANGING STATION. PROVIDE APPROVED BACKING AS REQUIRED.
13	BY OWNER	--	--	FREE STANDING PAPER RECEPTACLE.
14	BOBRICK	B-279	NAPKIN RECEPTACLE-SURFACE MOUNTED	SURFACE MOUNTED PAPER RECEPTACLE
15	TRUEBRO	--	LAVATORY PROTECTIVE ENCLOSURE	SEE PLUMBING SHEET FOR ADDITIONAL INFORMATION

LEGEND:

- DENOTES NOT IN SCOPE AREA
- DENOTES EXISTING PARTITION TO REMAIN
- DENOTES EXISTING CMU TO REMAIN
- DENOTES EXISTING 1 HR FIRE RATED WALL TO REMAIN
- DENOTES NEW PARTITION
- # WALL TYPE, SEE DETAILS ON SHEET A-4
- 100 DOOR TAG

GENERAL NOTES:

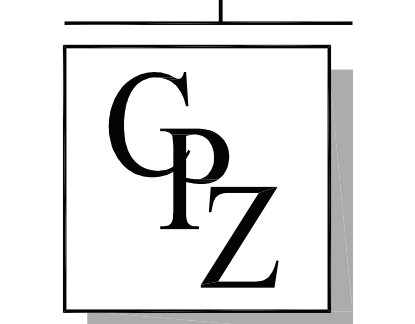
- PATCH & MATCH WALLS AS REQUIRED FOR LIKE NEW FINISH
- ALIGN NEW WALLS WITH ADJACENT EXISTING WALLS WHERE THEY ABUT. SEE A-4.0 FOR WALL TYPES
- SEE SHEET A-5.0 FOR FINISH SCHEDULE AND PLAN FOR FLOOR AND WALL FINISHES
- REFER TO PLUMBING, MECHANICAL AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION
- CONTRACTOR TO COORDINATE ALL WORK WITH OWNER'S

NO. REVISION DATE
 BID SET/
 PERMIT SET 10-7-20

CONSULTANT:

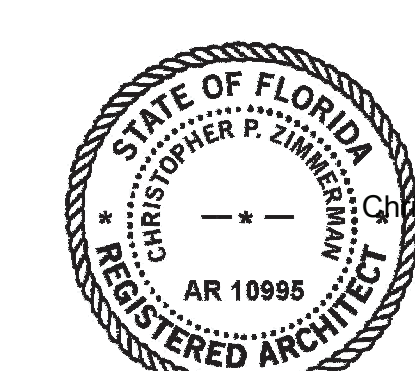
PSL POLICE BLDG REMODEL PHASE I
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DRAWING TITLE:
 RESTROOM INTERIOR ELEVATION

DRAWN HR/SO
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 19600
 SHEET: A-3.0



Digitally signed by Chris P. Zimmerman
 DN: cn=Chris P. Zimmerman, o=CPZ Architects, ou=CPZ Architects, email=cpz@cpzarchitects.com, c=US

REFER TO SHEET A-5.1 FOR REFINISHING PLAN.

LEGEND:
 DENOTES EXISTING TO REMAIN

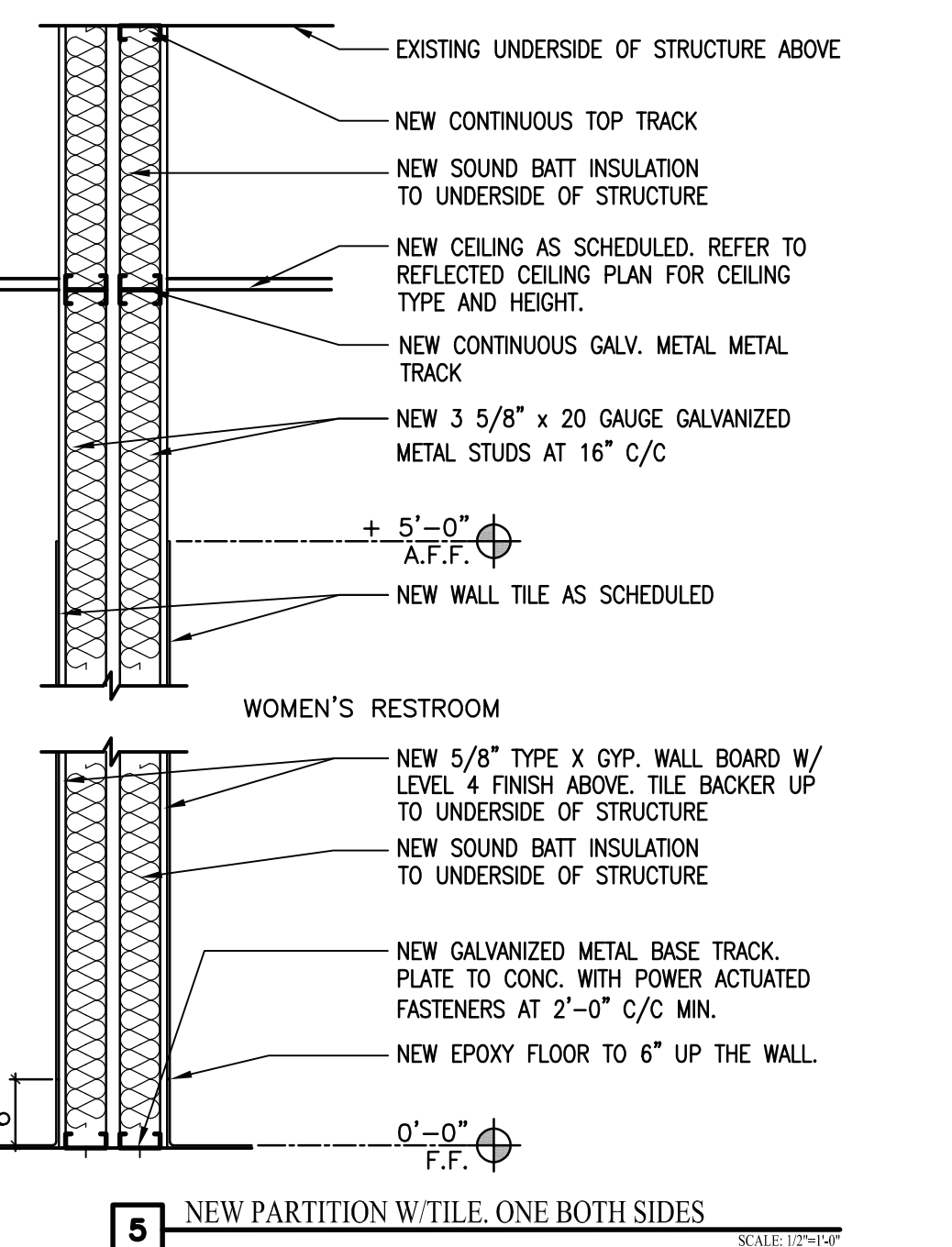
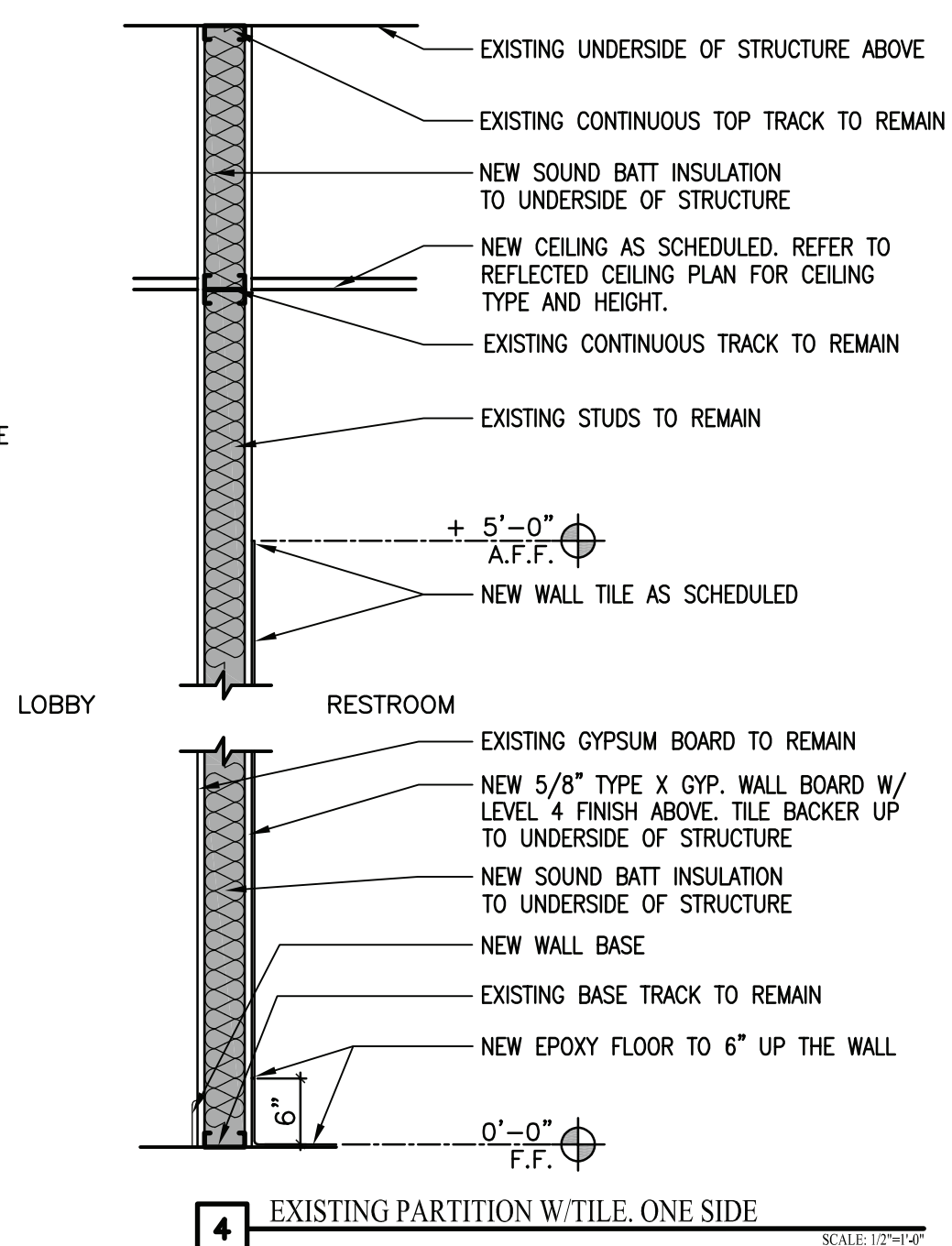
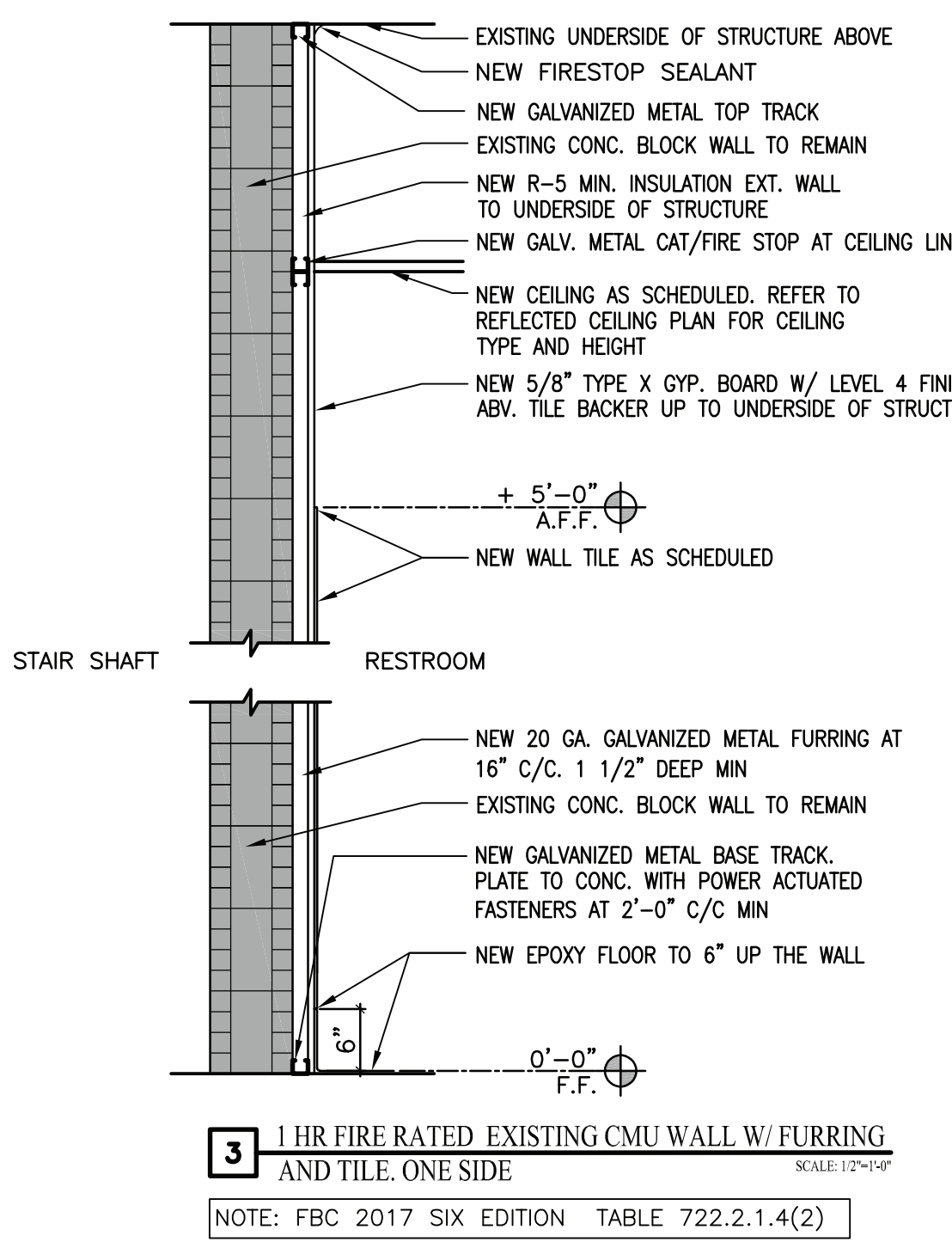
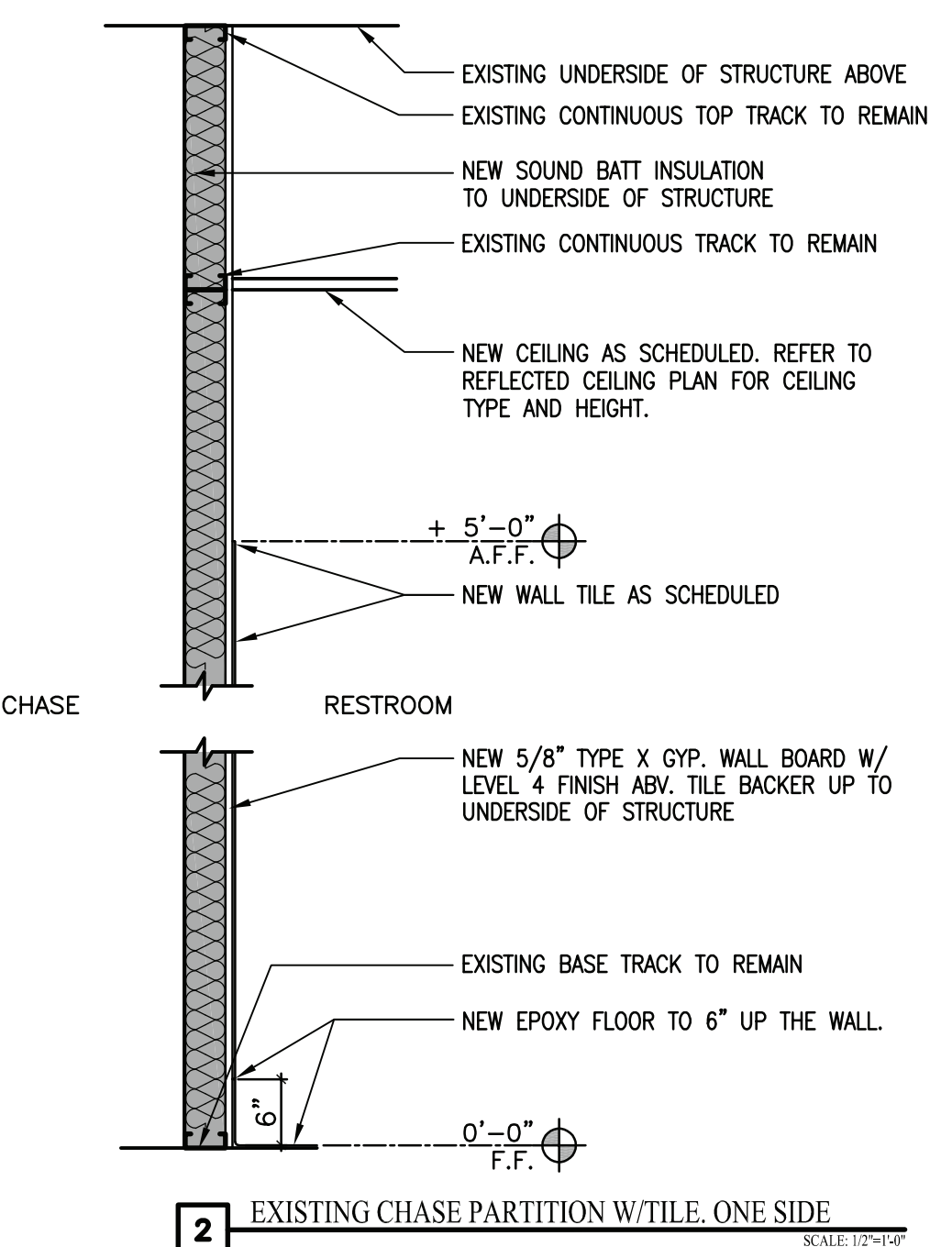
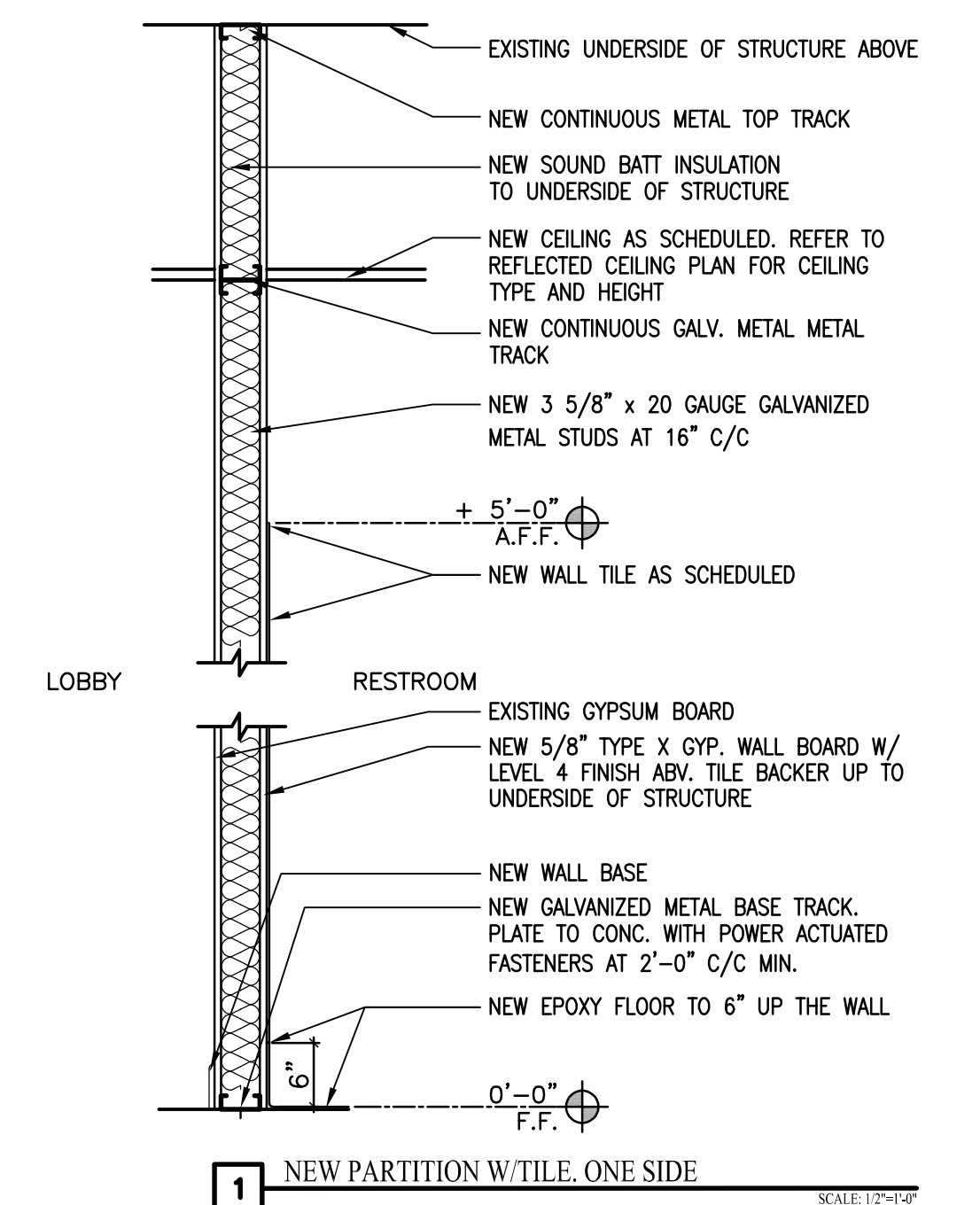
NO. REVISION DATE
 BID SET/
 PERMIT SET 10-7-20

NOTES:

- ALL EXPOSED GYPSUM BOARD SURFACES SHALL HAVE A LEVEL 4 FINISH. CONTINUE THIS FINISH TO 6" MINIMUM ABOVE ACOUSTIC LAY-IN CEILINGS.
- ALL EXCESS MORTAR AND DRYWALL COMPOUND SHALL BE COMPLETELY REMOVED FROM THE FLOOR SURFACES PRIOR TO INSTALLATION OF FLOOR FINISH.
- REFER TO FINISH SCHEDULE SHEET A-5.0 TO COORDINATE FINAL WALL FINISH.
- WALL SECTIONS ARE SHOWN TO REPRESENT MOST WALL TYPES. REFER TO FLOOR PLAN FOR EXACT CONDITIONS. SOME CONDITIONS MAY VARY SLIGHTLY. CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL ASPECTS OF THE CONSTRUCTION.
- FOR PARTITION FINISH LEVELS SEE CHART 1 A-4.0
- CONTRACTOR TO PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING FINISH TEXTURE AND COLOR.
- SOUND BATT INSULATION TO FILL WALL CAVITY WIDTH AND DEPTH.
- GC TO VERIFY AND ENSURE FIRE RATED WALL ON SCOPE OF WORK REMAIN FIRE RATED.

URINAL, AND SINK ACCESS PANELS

GENERAL CONTRACTOR TO PROVIDE SHOP DRAWINGS AND SAMPLES OF MATERIALS AND HARDWARE. HEAVY DUTY CONTINUOUS MOUNTING BRACKETS AND STRIKES. CLOSING AND LATCHING HARDWARE. CONTRACTOR TO SUPPLY SOLID PRESSURE TREATED 2X MINIMUM BLOCKING AT ALL WALL LOCATIONS RECEIVING PARTITIONS OR ACCESSORIES.

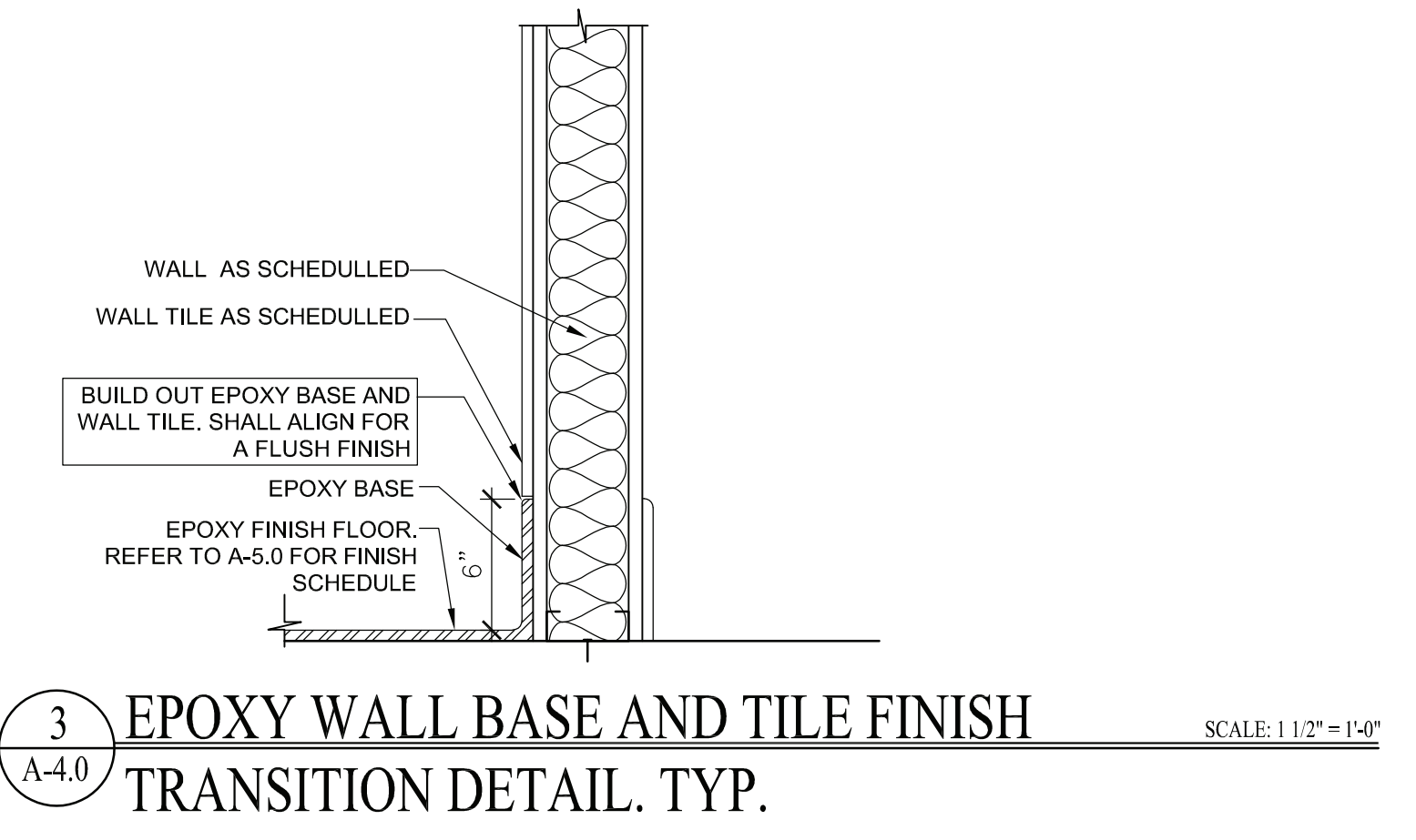
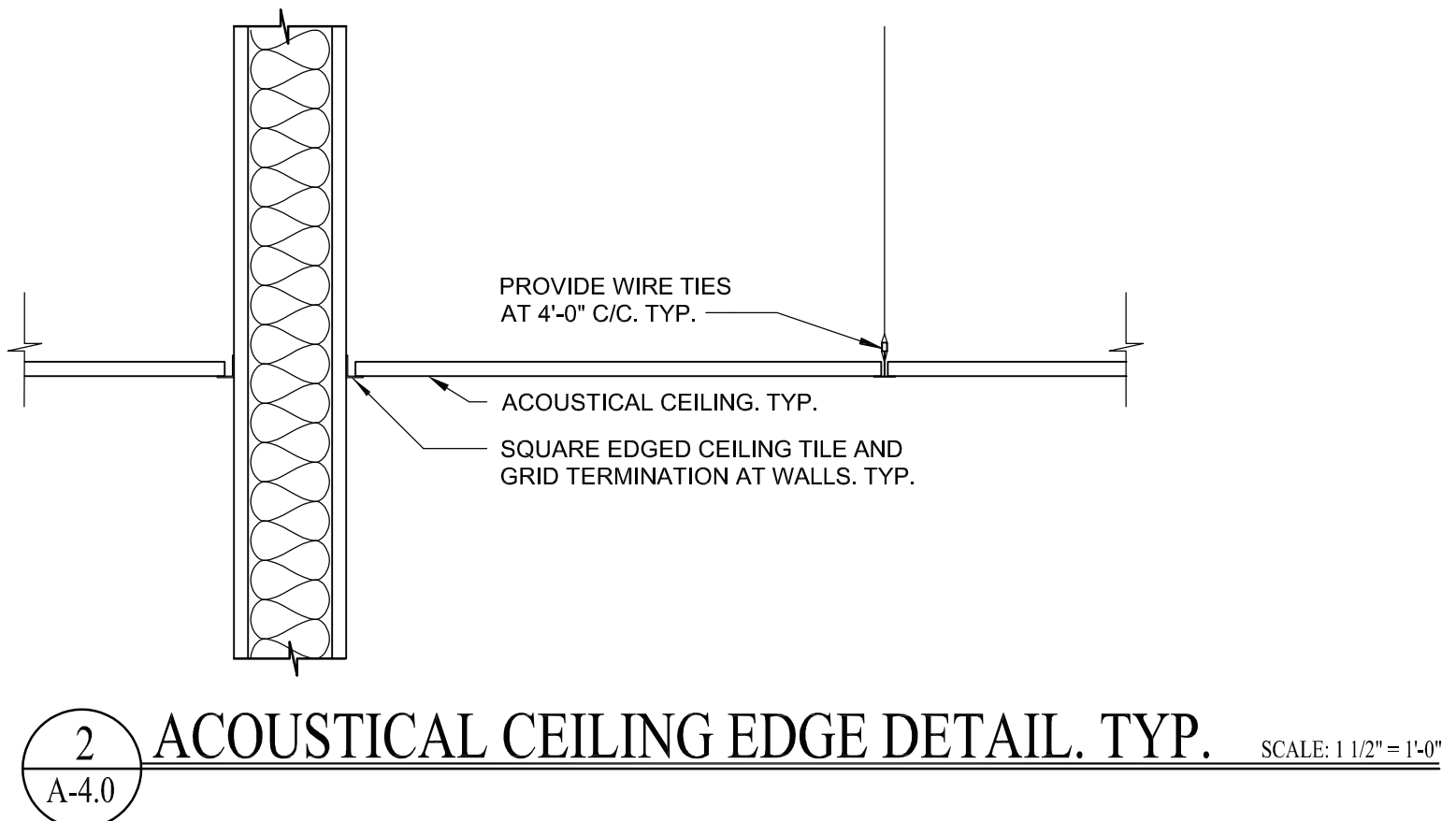


Finishing Level Matrix

Finishing Level	Final Appearance	How To Achieve Result	Surface
		Joints & Interior Angles Accessories & Fasteners	Surface
5	Entire surface covered with a) Sheetrock or Surfacor (Turr-Hoc) to skim coat and ready to prime and ready to prime with CGC First Coat, and ready to prime with gloss, semigloss or enamel paint.	As in Level 4 As in Level 4	Surfacor (Turr-Hoc) or skim coat and prime with CGC First Coat, and ready to prime with gloss, semigloss or enamel paint.
4	No marks or ridges. Ready for priming, followed by wallcoverings, flat paints or light textures.	Two separate coats of compound over Level 2 Three separate coats of compound	Joints filled and smoothed again. Shall be primed with CGC First Coat before painting or texturing.
3	No marks or ridges. Ready for priming, to be followed by heavy texture.	One separate coat of compound over Level 2 Two separate coats of compound	Joints filled and smooth. Shall be primed with CGC First Coat before painting or texturing.
2	Tool marks and ridges okay. This compound coat one coat compound fastener heads.	Tape embedded in compound One coat of compound	Free of excess compound
1	Tool marks and ridges acceptable.	Tape embedded in compound Optional— One coat of compound	Free of excess compound
0	Unfinished	None	

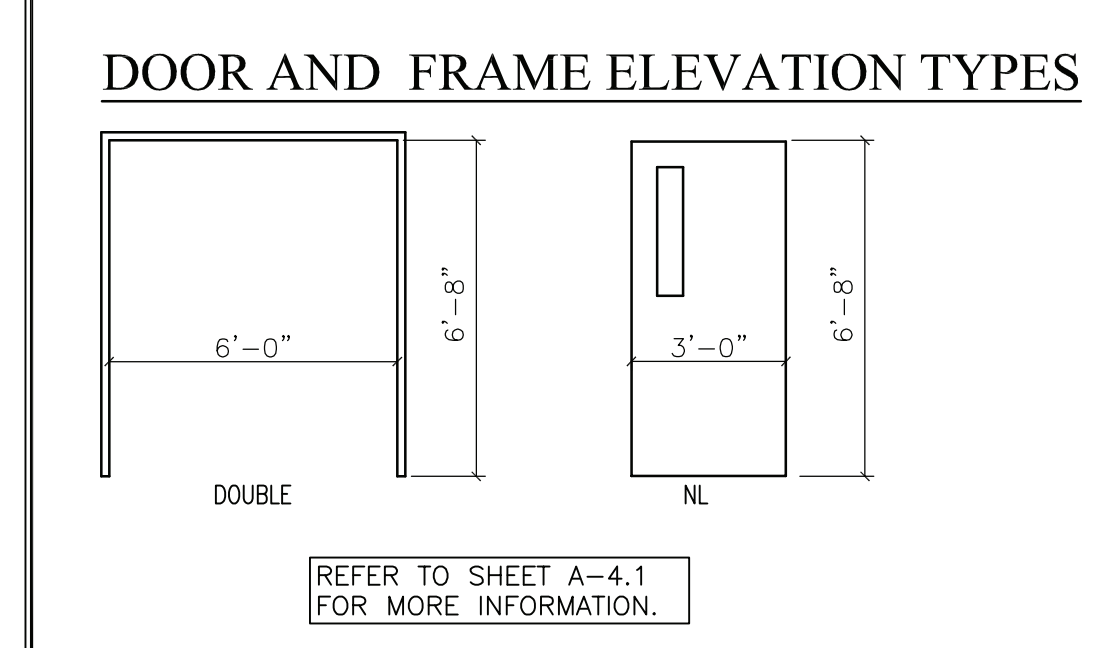
NOT USED (for levels 5, 4, 2, 1)

1 PARTITION FINISH LEVELS



DOOR SCHEDULE

DOOR	ROOM	TYPE	MATL	SIZE	THICK	FINISH	UNDER CUT	RATING	HARDWARE	FRM MATL	FRAME FINISH	JAMB	HEAD	SILL	REMARKS
EX	101														EXISTING TO REMAIN
EX1	102					PAINT					PAINT				EXISTING DOOR TO REMAIN. PREPARE AND PAINT P-3. REFER TO FINISH SHEET A-5.0
01	112	S.C. MTL.	MTL.	6' x 6'-8"	--	ALUM.	--	--	--	MTL.	ALUM.				LEVEL 3 BALLISTIC RESISTANCE DOOR. PROVIDE CAR READER REFER TO SHEET A-3.2 FOR MORE INFORMATION.
EX2	103					PAINT					PAINT				EXISTING DOOR TO REMAIN. PREPARE AND PAINT P-3. REFER TO FINISH SHEET A-5.0
EX3	168					PAINT					PAINT				EXISTING DOOR TO REMAIN. PREPARE AND PAINT P-3. REFER TO FINISH SHEET A-5.0
EX4	161					PAINT					PAINT				EXISTING DOOR TO REMAIN. PREPARE AND PAINT P-3. REFER TO FINISH SHEET A-5.0
EX5	165					PAINT					PAINT				EXISTING DOOR TO REMAIN. PREPARE AND PAINT P-3. REFER TO FINISH SHEET A-5.0
EX6	169					PAINT					PAINT				EXISTING DOOR TO REMAIN. PREPARE AND PAINT P-3. REFER TO FINISH SHEET A-5.0
R7	166					PAINT					PAINT				EXISTING DOOR TO BE RELOCATED. PREPARE AND PAINT P-3. REFER TO FINISH SHEET A-5.0
EX8	167					PAINT					PAINT				EXISTING DOOR TO REMAIN. PREPARE AND PAINT P-3. REFER TO FINISH SHEET A-5.0



ABBREVIATIONS

ALUM	ALUMINUM	SCW-PT	SOLID CORE WOOD, PAINTED	w/	WITH	HM	HOLLOW METAL
STL	STEEL	C.W.	CLEAR WIRE	TYP	TYPICAL	LT	SIDE-LITE
UC	UNDERCUT	T.C.	TEMPERED, CLEAR		FULL FLUSH		
LV	LOUVER	NG	NARROW GLASS	WD-PH	WOOD PREHUNG		
HG	HARDWARE GROUP	FG	FULL GLASS	WDP	WOOD, PAINTED		
MTL	METAL	IM	IMPACT GLASS	SF	STORE FRONT		
PT	PAINTED	VP	VIEW PANEL	SF/LT	STORE-FRONT/SIDE-LITE		

PSL POLICE BLDG REMODEL
 PHASE I

CPZ ARCHITECTS, INC.
 4316 WEST BROWARD BOULEVARD
 PLANTATION, FLORIDA 33317
 PHONE: (954) 792-8225 FAX: (954) 337-0359
 AA 12600688 WWW.CPZARCHITECTS.COM

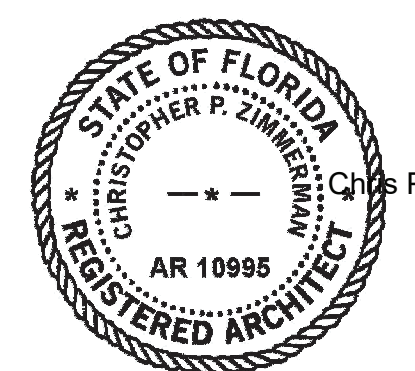


DRAWING TITLE:
 WALL TYPES, DETAILS
 AND DOOR SCHEDULE

DRAWN HR/SO
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED

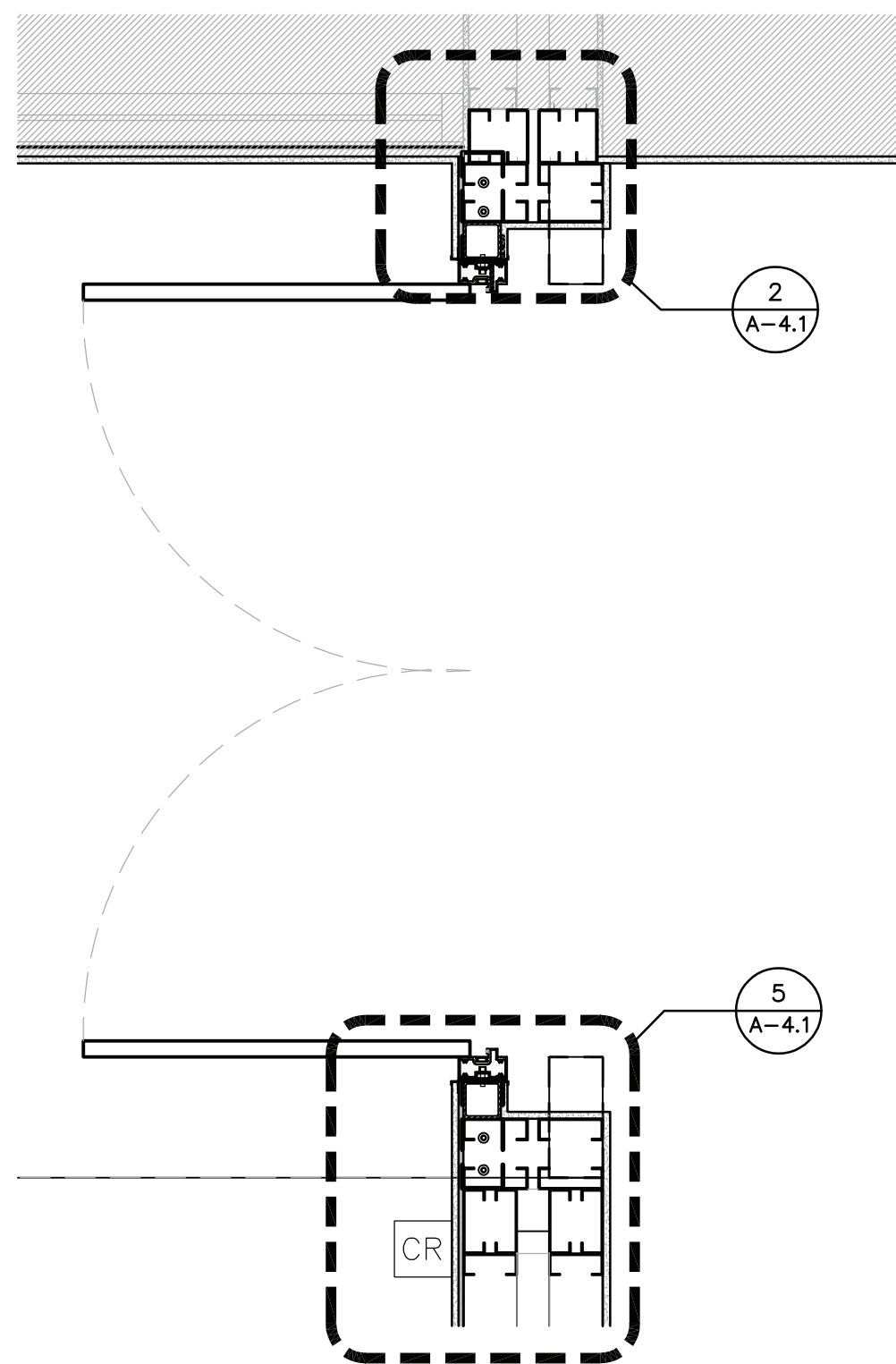
PROJECT NO. 19600

SHEET: A-4.0

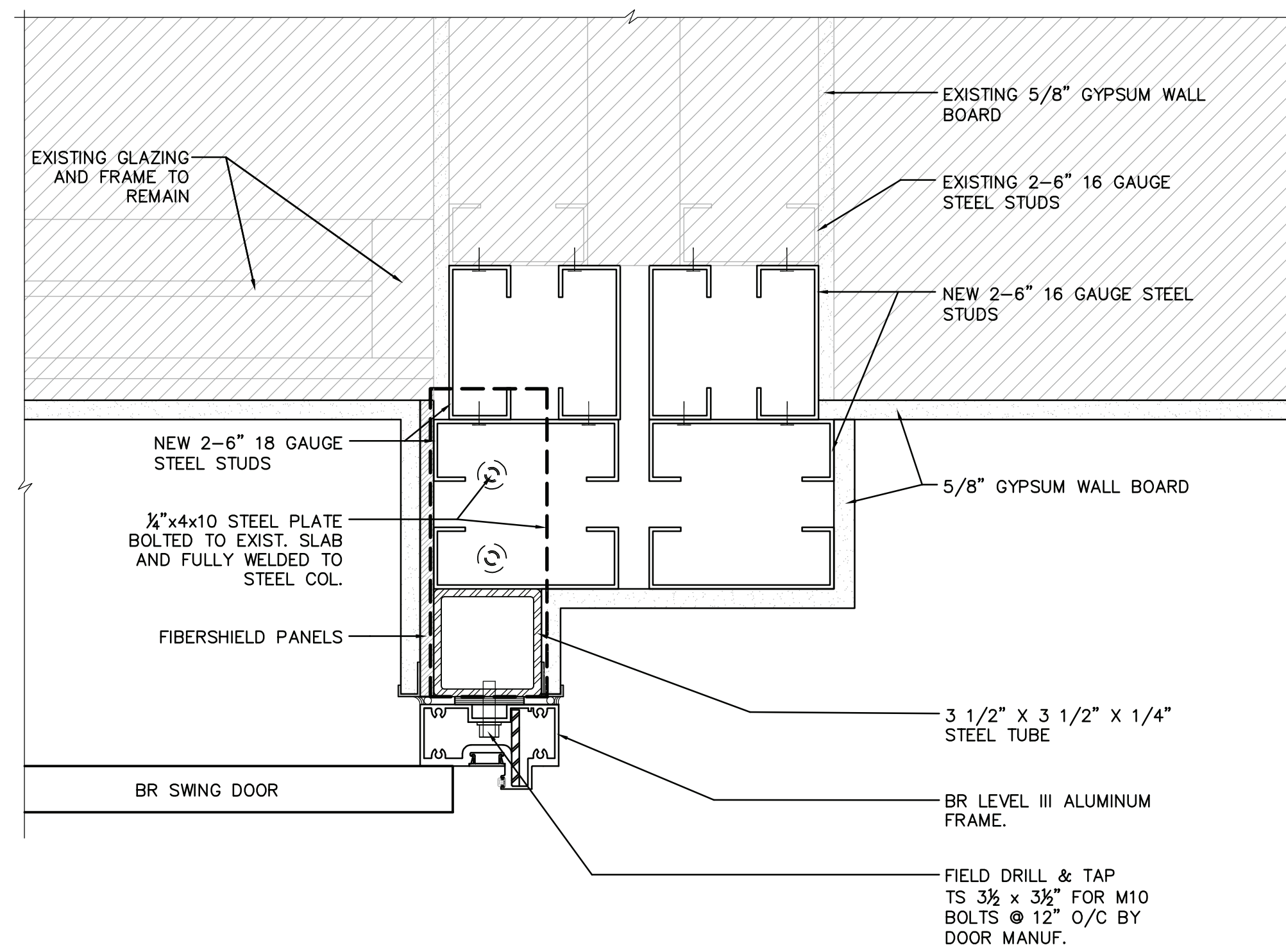


Digitally signed by Chris P. Zimmerman, DN: cn=Chris P. Zimmerman, o=CPZ Architects, Inc., ou=CPZ Architects, Inc., email=chris@cpzarchitects.com, c=US

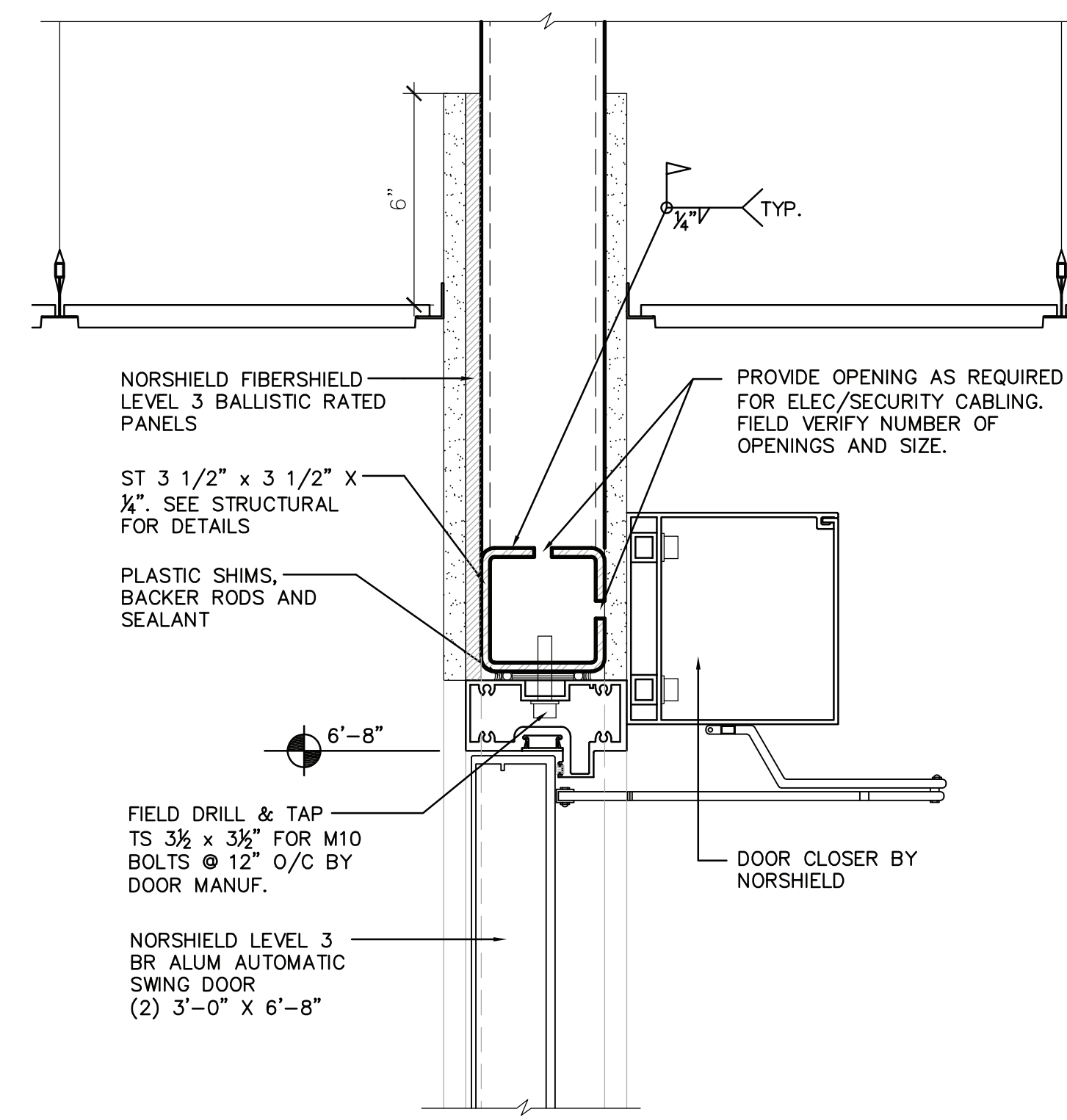
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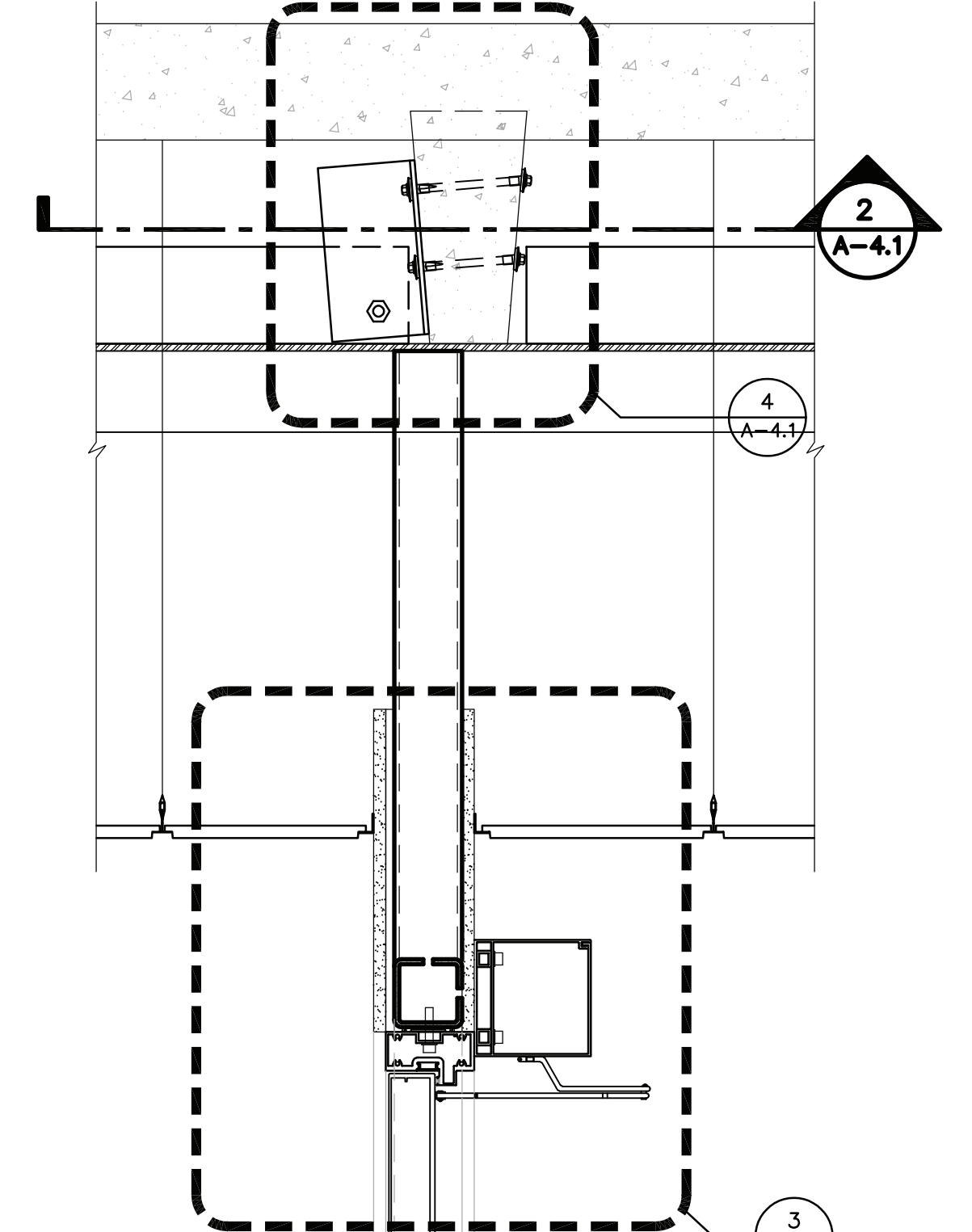
1 BR LEVEL III DOORS PLAN VIEW
SCALE: 3/4" = 1'-0"



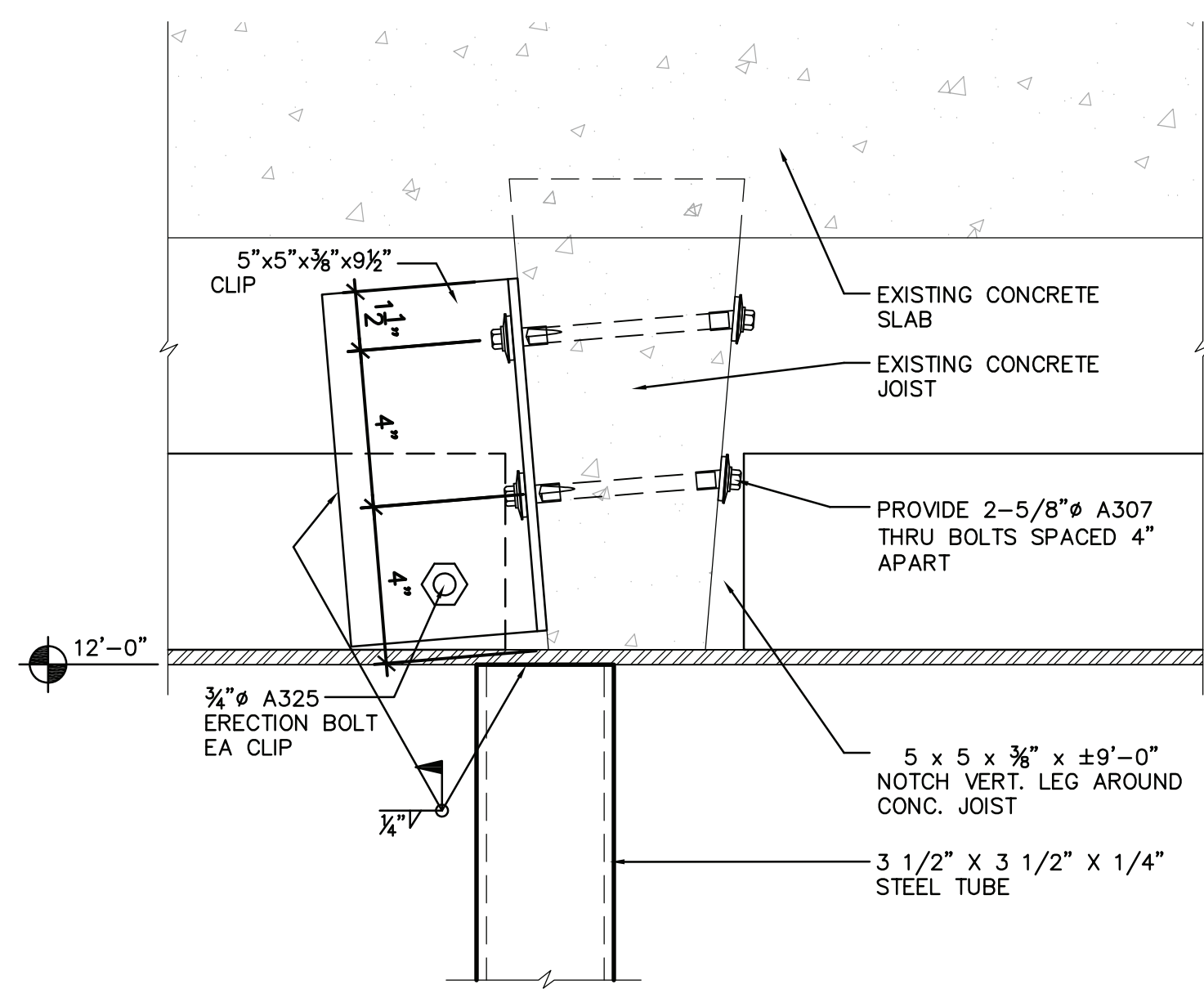
2 JAMB DETAIL
SCALE: 3" = 1'-0"



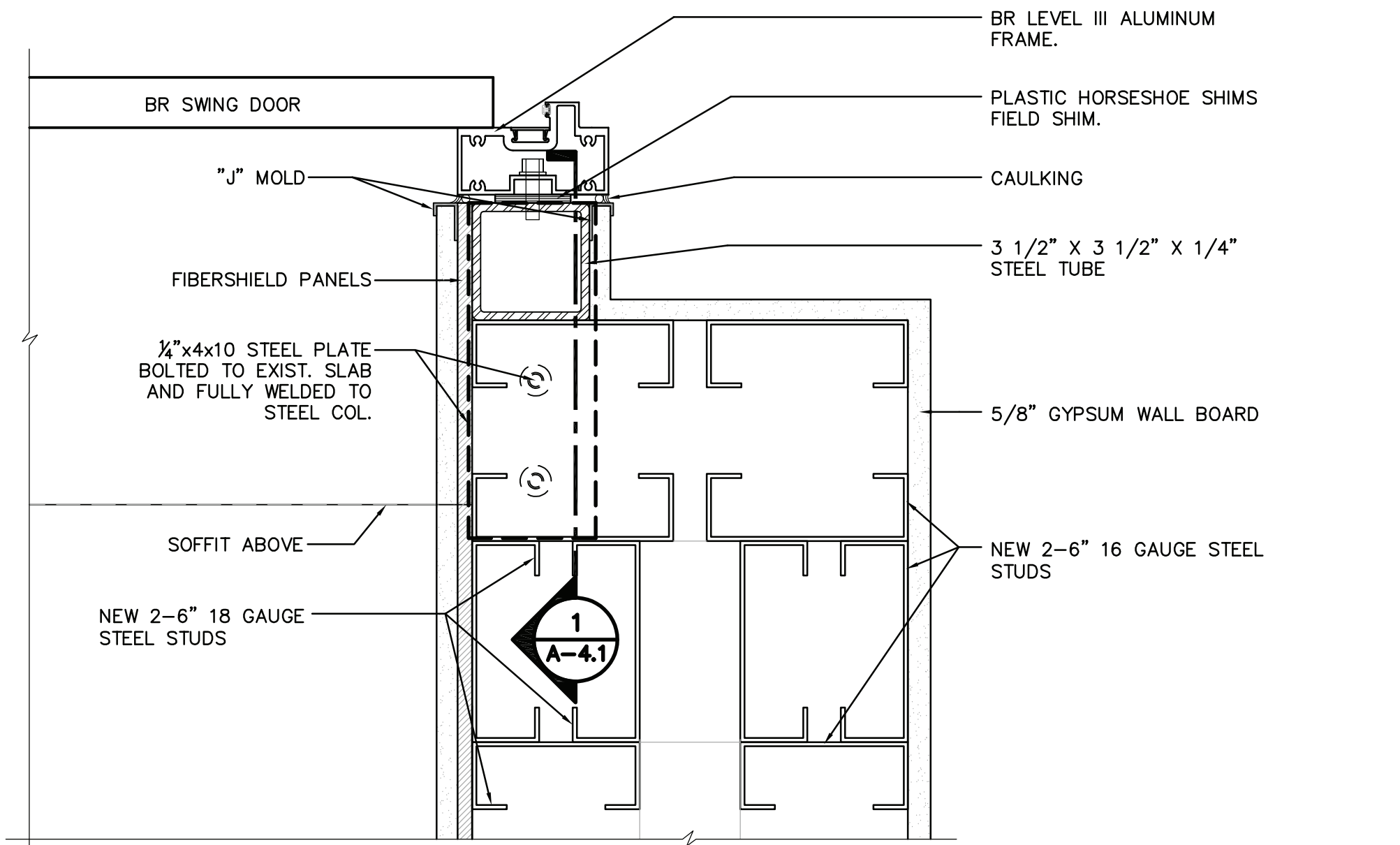
3 BR LEVEL III HEAD DETAIL
SCALE: 3" = 1'-0"



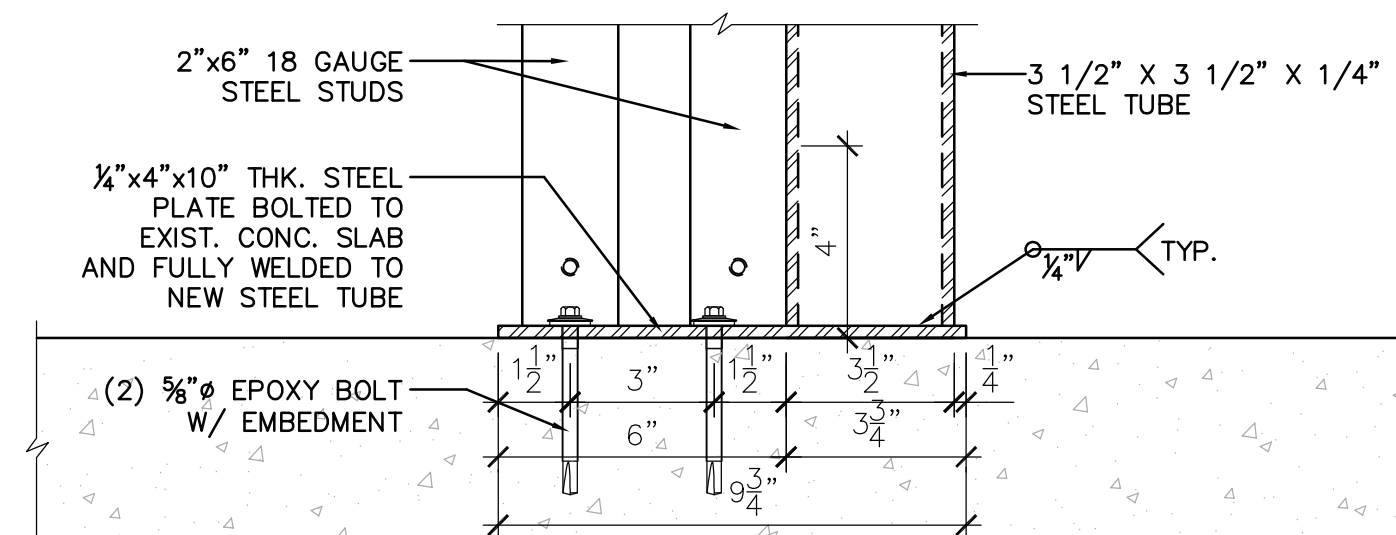
BR DOORS WALL SECTION
SCALE: 1/12" = 1'-0"



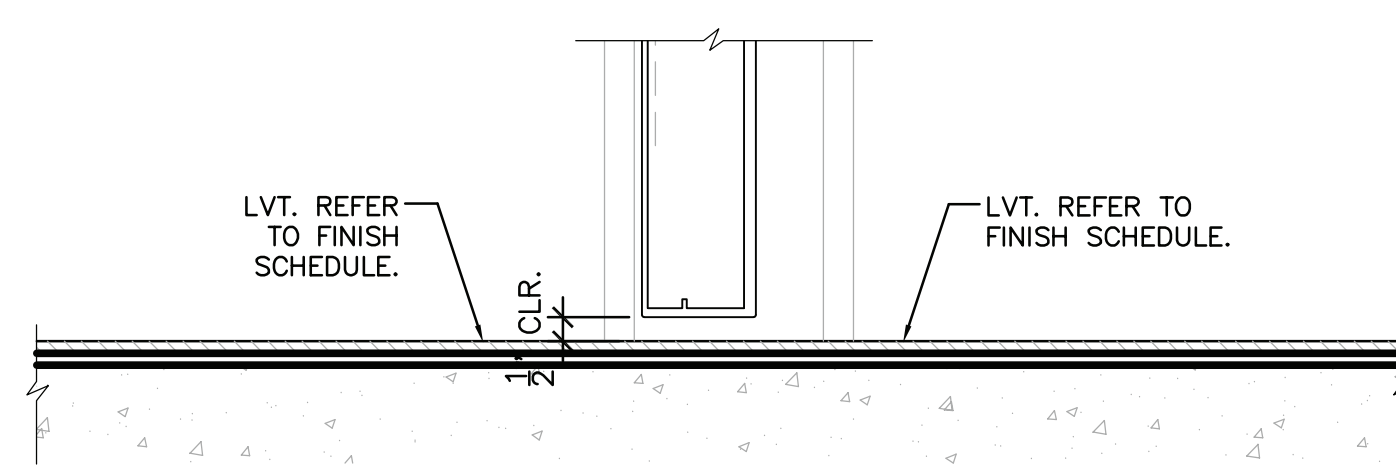
4 ENLARGED CONNECTION DETAIL
SCALE: 3" = 1'-0"



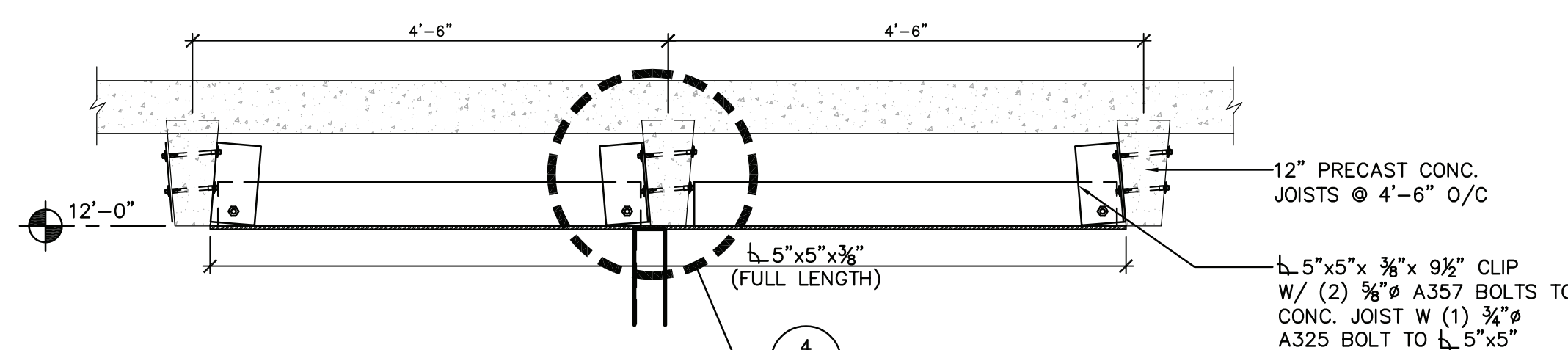
5 JAMB DETAIL
SCALE: 3" = 1'-0"



1 CONNECTION DETAIL
SCALE: 3" = 1'-0"



6 BR LEVEL III SILL DETAIL
SCALE: 3" = 1'-0"



2 CONNECTION DETAIL
SCALE: 3" = 1'-0"

HARDWARE:
 1 - Corbin-Russwin, ML20905 NSM, electric mortise lock w/ lever handle
 22" - Finseal, weather strip
 1 - Ives, FB31P, automatic flush bolt
 4 - Maximum Security Products, #MSP855, heavy duty mortised hinge
 2 - LCN, 4041, closer w/ Cushion-Stop-Hold arm
 1 - Medeco, 32-0475, cylinder housing (supplied with 1 shop core, final core and keys by customer)
 2 - Marathon, 210, electric terminal strip
 1 - Pemko, 172A X 72", threshold
 2 - GE, 1076D, door position switch
 1 - VonDuprin, EPT10, power transfer

SPECIFICATIONS:
 1. BALLISTIC RATED DOORS SHALL BE BY 'NORSHIELD'.
 2. CONTACT INFORMATION:
 -DENNIS MAXWELL
 Email: dennis.maxwell@norshield.net
 Office: (334) 551-0650
 Cell: (334) 201-7102
 -CURTIS GILLILAND
 curtis.gilliland@norshield.net

COORDINATION NOTE:
 THE DOOR, FRAMING AND STRUCTURAL FRAMING AROUND THIS AREA SHALL BE COORDINATED THROUGH SHOP DRAWINGS PRIOR TO FABRICATION OF STEEL SUPPORTS FRAMES. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF CONCRETE JOIST FOR NEW STEEL PLATE ATTACHMENT. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS ONE SINGLE PACKAGE FOR REVIEW.

STRUCTURAL STEEL SHALL RECEIVE A COAT OF RUST INHIBITIVE PRIMER. 1.5 MIL.

GENERAL NOTES:
 1. RELOCATE EXISTING CARD READER, MAGLOCK, AND ALL CONTROLS.

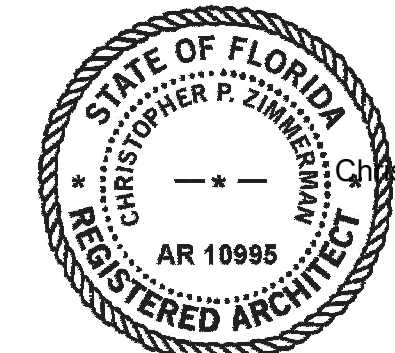
NO. REVISION DATE
 BID SET/
 PERMIT SET 10-7-20
 CONSULTANT:

PSL POLICE BLDG REMODEL
 PHASE I
 121 SW PORT SAINT LUCIE BLVD
 PORT ST. LUCIE, FLORIDA 34984

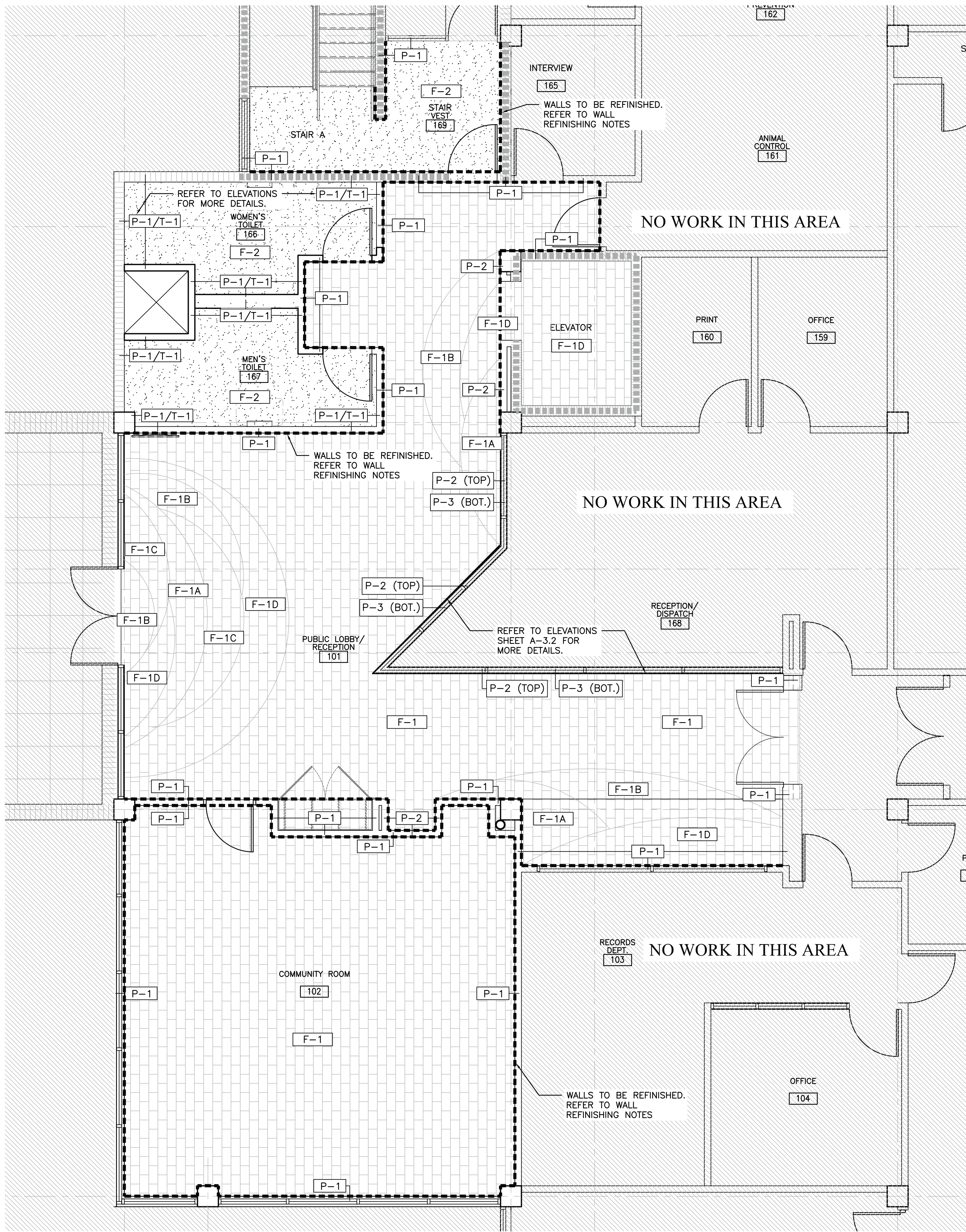
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 PHONE: (954) 792-8825 FAX: (954) 337-0359
 AA 12600685 WWW.CPZARCHITECTS.COM



DRAWING TITLE:
 DOOR DETAILS
 DRAWN HR/SO
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 19600
 SHEET: A-4.1



Digitally signed by Chris P. Zimmerman, AR 10995
 Date: 2020.10.07 12:11:57-0400
 Chris P. Zimmerman, AIA
 Chris P. Zimmerman, AIA
 Chris P. Zimmerman, AIA
 Chris P. Zimmerman, AIA



INTERIOR PAINT NOTES:

1. ALL PAINTS AND COATINGS SHALL COMPLY WITH THE VOC CONTENT LIMITS ESTABLISHED IN GREEN SEAL STANDARD GS-11, PAINTS, EDITION 3.2, OCTOBER 26, 2015. FLAT PAINTS 5-G/L AND NON-FLAT PAINTS 150 G/L. ALL PAINTS & COATINGS TO HAVE ZERO VOC CONTENTS.
2. WOOD FINISHES, FLOOR COATINGS, STAINS, PRIMERS, AND SHELLACS APPLIED TO INTERIOR ELEMENTS SHALL HAVE ZERO VOC CONTENTS.
3. ALL WALLS (NEW AND EXISTING) SHALL BE PROPERLY PREPARED (SPACKLED, SANDED, ETC.) FOR PAINTING AND/OR WALL COVERING AS PER FINISH PLAN AND MANUFACTURER'S SPECIFICATIONS.
4. ALL PAINTS SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS FOR THAT PARTICULAR SURFACE.
5. ALL SURFACES WHICH ARE TO BE PAINTED SHALL RECEIVE (1) COAT OF PRIMER AND (2) COATS OF FINISH PAINT (3) COATS TOTAL MINIMUM.
6. ALL DOOR FRAMES TO BE PAINTED THE SAME COLOR AND TYPE OF PAINT ON BOTH SIDES, UNLESS OTHERWISE NOTED.

COLOR COORDINATION NOTE:

CONTRACTOR SHALL LAYOUT A COLOR COORDINATION MOCKUP FOR SIMILAR ROOMS FOR REVIEW BY ARCHITECT/OWNER OR ITS REPRESENTATIVE, PRIOR TO ORDERING FINISHES. MOCKUP SAMPLE SHALL INCLUDE: 6 S.F. FLOORING, 3 L.F. BASE AND 12 S.F. OF WALL PAINT.

INTERIOR FINISH CLASSIFICATIONS:

MATERIAL	CLASSIFICATION
ACOUSTIC CEILINGS	C
PAINTED GYPSUM WALLBOARD	P
WALL BASE	B
FLOOR	F
LAMINATED WOOD WORK	PL
COUNTER TOP	Q

INTERIOR FINISH NOTES:

- ALL FINISHES COMPLY WITH N.F.P.A. 101 SEC. 8-3.3.
- N.F.P.A. 1221 2-1.2.3. ALL FINISHES SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPMENT RATING OF 50 OR LESS.
- ALL TELEPHONE, DATA AND ELECTRIC ROOMS TO RECEIVE CONTINUOUS 3/4" FIRE RATED BACKER BOARD ON ALL WALLS FROM FINISH FLOOR TO 8'-0".
- CONTRACTOR SHALL PERFORM MOISTURE TEST ON ALL FLOOR SLABS TO VERIFY THAT THE MOISTURE CONTENT IS ACCEPTABLE TO THE FLOORING MANUFACTURER, PRIOR TO INSTALLING ANY FLOORING.
- GC TO PROVIDE SHOP DRAWINGS FOR FLOOR PATTERN DETAILING THE LAYOUT. ARCHITECT WILL PROVIDE CAD DRAWING TO THE SUPPLIER FOR THEIR USE.

WALL REFINISHING NOTES:

- DENOTES WALLS TO BE PLASTERED. GC TO INCLUDE ALL AREAS ABOVE DOORS.
- ALL EXISTING TEXTURED WALLS IN SCOPE OF WORK TO BE PLASTERED TO A SMOOTH LEVEL 4 FINISH AS REQUIRED. REFER TO DETAIL #1/A-4.0 FOR ADDITIONAL DETAILS. GC TO VERIFY EXACT LOCATION IN FIELD.

ROOM FINISH SCHEDULE

NUMBER	NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING	REMARKS
101	PUBLIC LOBBY/ RECEPTION	F-1	B-1					C-1	-
102	COMMUNITY ROOM	F-1	B-1					EXISTING	-
166	WOMEN'S RESTROOM	F-2	B-2					C-1	-
167	MEN'S RESTROOM	F-2	B-2					C-1	-
169	STAIR VESTIBULE	F-2	B-2					-	-
-	ELEVATOR	F-1E	-					-	-

AS SHOWN IN PLAN VIEW

FINISH MATERIALS

FLOORING	WALL PAINT	WALL BASE	WALL TILE	CEILING	PLASTIC LAMINATES																																																																																																																																																																																									
<table border="1"> <thead> <tr> <th>LABEL:</th> <th>TYPE:</th> <th>PRODUCT/COLLECTION:</th> <th>COLOR:</th> <th>SIZE:</th> <th>INSTALLATION:</th> <th>REP:</th> </tr> </thead> <tbody> <tr> <td>F-1</td> <td>LVT</td> <td>TARKETT ID LATITUDE</td> <td>7501 ELBRUS</td> <td>18x18</td> <td>VERTICAL ASHLAR</td> <td></td> </tr> <tr> <td>F-1A</td> <td>LVT</td> <td>TARKETT VICTORY</td> <td>MAGICS VMG SAPPHIRE 8031</td> <td>18x18</td> <td>CUSTOM</td> <td></td> </tr> <tr> <td>F-1B</td> <td>LVT</td> <td>TARKETT VICTORY</td> <td>CORAL REEF VCR MOONDANCE 0051</td> <td>18x18</td> <td>CUSTOM</td> <td></td> </tr> <tr> <td>F-1C</td> <td>LVT</td> <td>TARKETT VICTORY</td> <td>CORAL REEF VCR ARCTIC 0001</td> <td>18x18</td> <td>CUSTOM</td> <td></td> </tr> <tr> <td>F-1D</td> <td>LVT</td> <td>TARKETT VICTORY</td> <td>CHROMA VCM MIDNIGHT 0217</td> <td>18x18</td> <td>CUSTOM</td> <td></td> </tr> <tr> <td>F-1E</td> <td>LVT</td> <td>TARKETT VICTORY</td> <td>CORAL REEF VCR BLACK PEARL 0065</td> <td>18x18</td> <td>CUSTOM</td> <td></td> </tr> <tr> <td>F-2</td> <td>EPOXY</td> <td>HYBRI-FLEX EC</td> <td>OCEAN</td> <td></td> <td>ARMOR TOP GLOSS COAT WITH DUR-A-GRIT</td> <td>MARK EDINGER MARKE@DUR-A-FLEX.COM T: 980-278-1232</td> </tr> </tbody> </table>	LABEL:	TYPE:	PRODUCT/COLLECTION:	COLOR:	SIZE:	INSTALLATION:	REP:	F-1	LVT	TARKETT ID LATITUDE	7501 ELBRUS	18x18	VERTICAL ASHLAR		F-1A	LVT	TARKETT VICTORY	MAGICS VMG SAPPHIRE 8031	18x18	CUSTOM		F-1B	LVT	TARKETT VICTORY	CORAL REEF VCR MOONDANCE 0051	18x18	CUSTOM		F-1C	LVT	TARKETT VICTORY	CORAL REEF VCR ARCTIC 0001	18x18	CUSTOM		F-1D	LVT	TARKETT VICTORY	CHROMA VCM MIDNIGHT 0217	18x18	CUSTOM		F-1E	LVT	TARKETT VICTORY	CORAL REEF VCR BLACK PEARL 0065	18x18	CUSTOM		F-2	EPOXY	HYBRI-FLEX EC	OCEAN		ARMOR TOP GLOSS COAT WITH DUR-A-GRIT	MARK EDINGER MARKE@DUR-A-FLEX.COM T: 980-278-1232	<table border="1"> <thead> <tr> <th>LABEL:</th> <th>TYPE:</th> <th>PRODUCT/COLLECTION:</th> <th>COLOR:</th> <th>SIZE:</th> <th>INSTALLATION:</th> <th>REP:</th> </tr> </thead> <tbody> <tr> <td>P-1</td> <td>PPG COLOR:</td> <td>PPG1011-1 NG PACIFIC PEARL NG</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>P-2</td> <td>SHERWIN-WILLIAMS COLOR:</td> <td>SW7602 INDIGO BANK (NAVY BLUE)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>P-3</td> <td>SHERWIN-WILLIAMS COLOR:</td> <td>SW2848 ROYCROFT PEWTER (GRAY)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>P-4</td> <td>SHERWIN WILLIAMS:</td> <td>SW-7757 HIGH REFLECTIVE WHITE. 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INTERIOR PAINT SPEC:

DRYWALL WALLS (GENERAL AREAS) Eg-Shel Finish	FERROUS METALS Semi-Gloss Finish
1st Coat: Apply Sherwin-Williams ProMar 200@Zero VOC Interior Latex Primer, (B2W2600 Series), at a wet film thickness of 4.0 mils to dry to 1.0 mils dry film thickness.	1st Coat: Apply Sherwin-Williams Pro-Cry@Universal Primer, (B66-1310 Series), at a wet film thickness of 5.0 - 10.0 mils to dry to 1.9 - mils dry film thickness.
2nd Coat: Apply Sherwin-Williams ProMar 200@Zero VOC Interior Latex Eg-Shel, (B2W2600 Series), at a wet film thickness of 4.0 mils to dry to 1.7 mils dry film thickness.	2nd Coat: Apply Sherwin-Williams ProMar 200@Interior Waterbased Acrylic-Alkyd Semi-Gloss, (B34-8200 Series), at a wet film thickness of 4.0 mils to dry to 1.7 mils dry film thickness.
3rd coat: Apply Sherwin-Williams ProMar 200@Zero VOC Interior Latex Eg-Shel, (B2W2600 Series), at a wet film thickness of 4.0 mils to dry to 1.7 mils dry film thickness.	3rd coat: Apply Sherwin-Williams ProMar 200@Interior Waterbased Acrylic-Alkyd Semi-Gloss, (B34-8200 Series), at a wet film thickness of 4.0 mils to dry to 1.7 mils dry film thickness.
DRYWALL (LOUNGE, LOCKERS, GYM) High Performance Eg-Shel Finish	NON-FERROUS METALS Semi-Gloss Finish
1st Coat: Apply Sherwin-Williams ProMar 200@Zero VOC Interior Latex Primer, (B2W2600 Series), at a wet film thickness of 4.0 mils to dry to 1.0 mils dry film thickness.	1st Coat: Apply Sherwin-Williams Pro-Cry@Universal Primer, (B66-1310 Series), at a wet film thickness of 5.0 - 3.8 mils dry film thickness. 10.0 mils to dry to 1.9
2nd Coat: Apply Sherwin-Williams Pro Industrial Pre-Catalyzed Waterbased Epoxy, (K45-150-Eg-Shel, at a wet film thickness of 4.0 mils to dry to 1.5 mils dry film thickness.	2nd Coat: Apply Sherwin-Williams ProMar 200 @Interior Waterbased Acrylic-Alkyd Semi-Gloss, (B34-8200 Series), at a wet film dry film thickness. thickness of 4.0 mils to dry to 1.7 mils
3rd coat: Apply Sherwin-Williams Pro Industrial Pre-Catalyzed Waterbased Epoxy, (K45-150-Eg-Shel, at a wet to dry to 1.5 mils dry film thickness. film thickness of 4.0 mils	3rd coat: Apply Sherwin-Williams ProMar 200 @Acrylic-Alkyd Semi-Gloss, (B34-8200 Series), at a wet film thickness of dry film thickness. 4.0 mils to dry to 1.7 mils Interior Waterbased

NOTE: SHERWIN-WILLIAMS IS BASIS OF DESIGN, OR APPROVED EQUAL

FLOOR FINISH PLAN - PHASE I

SCALE: 1/4" = 1'-0"

NO. REVISION DATE
BID SET/
PERMIT SET 10-7-20

CONSULTANT:

PSL POLICE BLDG REMODEL
PHASE I

121 SW PORT SAINT LUCIE BLVD
PORT ST. LUCIE, FLORIDA 34984

CPZ ARCHITECTS, INC.

4316 WEST BROWARD BOULEVARD
PLANTATION, FLORIDA 33317
PHONE: (954) 792-8825 FAX: (954) 337-0359
AA 120600685 WWW.CPZARCHITECTS.COM



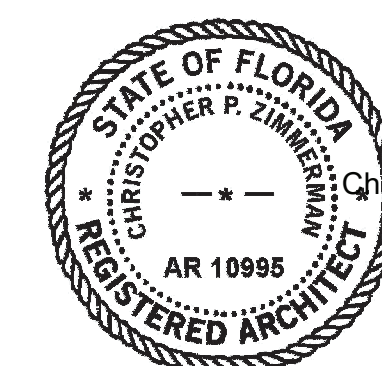
DRAWING TITLE:
FINISH PLAN
& SCHEDULE

DRAWN HR/SO
CHECKED CPZ
DATE 06.24.20
SCALE AS NOTED

PROJECT NO. 19600

SHEET:

A-5.0



Digitally signed by Chris P. Zimmerman, DN: cn=Chris P. Zimmerman, o=CPZ Architects, Inc., ou=CPZ Architects, Inc., email=chris@cpzarchitects.com, c=FL, date=2020.10.07 12:11:57-0400

PSL POLICE BLDG								
LIGHTING FIXTURE SCHEDULE								
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMPS		VOLTS	MOUNTING	REMARKS
				Type	Total Wattage			
A	HE WILLIAMS	LP24-L50-835-DM-UNV	2X4 LED FLAT PANEL	LED/35K	48.1W	UNV	RECESSED	
AEM	HE WILLIAMS	LP24-L50-835-EM/10WRM-DM-UNV	2X4 LED FLAT PANEL W/ BATTERY	LED/35K	48.1W	UNV	RECESSED	REQUIRES REMOTE BATTERY
C	HE WILLIAMS	6DR-TL-L10-835-DM-UNV/O-W-OF-CS-MW/TN-F1	6" LED DOWN LIGHT	LED/35K	9W	UNV	RECESSED	
CEM	HE WILLIAMS	6DR-T-L10-835-EM/10W-DM-UNV/O-W-OF-CS-MW/TN-F1	6" LED DOWN LIGHT W/ BATTERY	LED/35K	9W	UNV	RECESSED	
DEM	HE WILLIAMS	SLF-4-L98-835-HA-EM/10W-DM-UNV	4' LED LENSED W/ BATTERY	LED/35K	74.8W	UNV	SURFACE	
EM	BEGHELLI	TA-LED-SA-UNV	LED EMERGENCY UNIT	LED	36W	UNV	SURFACE	
EX	BEGHELLI	OL2-SA-LRG-12-**-**	LED EDGELIT EXIT	LED	3W	UNV	RECESSED	CONTR TO CONFIRM CONFIGURATION PER PLANS
LIGHTING SCHEDULE NOTES: 1. CONTACT SESCO LIGHTING (PATTY ROSSIELLO) @ 561-632-4192 OR prossiello@secolighting.com 2. THE ABOVE FIXTURE SCHEDULE IS PREDICATED ON PERFORMANCE AND IS DESIGNED TO MEET CERTAIN AESTHETIC CRITERIA. ALL ALTERNATIVE SELECTIONS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL TEN (10) DAYS PRIOR TO BID DATE. 3. SUBMITTAL MUST INCLUDE ITC CERTIFIED PHOTOMETRIC FILES FOR REVIEW OF EQUALITY. 4. NO SUBSTITUTIONS ALLOWED.								



ELECTRICAL SPECIFICATIONS

PART 1 - GENERAL

- A. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED. CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL ARCHITECT/ENGINEER HAS DIRECTED CORRECTIVE ACTION TO BE TAKEN.
- B. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATIONS INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF.
- C. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION) AND ALL CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION. THE SPECIFICATION, CODES AND STANDARDS LISTED BELOW ARE UTILIZED IN THIS PROJECT.
- NATIONAL ELECTRICAL CODE (NFPA-70)
 - CODE FOR SAFETY TO LIFE (NFPA-101)
 - STANDARD FOR THE INSTALLATION, MAINTENANCE AND USE OF LOCAL PROTECTIVE SIGNALING SYSTEMS (NFPA-72)
 - UNDERWRITERS' LABORATORIES (UL)
 - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
 - AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
 - FEDERAL SPECIFICATION (FED. SPEC.)
 - INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA)
 - FLORIDA BUILDING CODE, FBC 2017 EDITION
 - INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
 - CITY OF PORT SAINT LUCIE BUILDING CODE. (AMENDMENTS TO FLORIDA BUILDING CODE FBC 2017)
 - ADDITIONALLY, DESIGNS, WORK PRACTICES AND CONDITIONS MUST CONFORM WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA)
- D. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNER'S REPRESENTATIVE.
- E. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- F. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FROM A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- G. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THERE BY.
- H. ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. THE TERM "PROVIDE" USED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL MEAN THAT THE CONTRACTOR IS TO FURNISH, INSTALL AND CONNECT COMPLETE.

PART 2 - PRODUCTS

- A. MINIMUM WIRE SIZE SHALL BE #12 A.W.G. (EXCEPT AS NOTED OTHERWISE FOR CONTROL WIRING). ALL CONDUCTORS SHALL BE 98% CONDUCTIVITY, COPPER WITH "THHN-THWN" INSULATION UNLESS OTHERWISE NOTED.
- B. ELECTRICAL METALLIC TUBING (EMT) SHALL BE OF BEST QUALITY STEEL, SMOOTH INSIDE AND OUT AND SHALL BE HOT-DIPPED GALVANIZED.
- C. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS I. IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- D. RIGID NONMETALLIC CONDUIT SHALL BE SCHEDULE 40 PVC.
- E. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
- F. PANELBOARDS:
- CURRENT CARRYING BUSES SHALL BE COPPER. GROUND BUS BARS SHALL BE COPPER.
 - ALL CIRCUIT BREAKERS SHALL BE BOLT ON. PLUG-IN BREAKERS ARE NOT ACCEPTABLE.
 - CIRCUIT BREAKERS USED AS SWITCHES IN FLUORESCENT OR HID LIGHTING CIRCUITS SHALL BE LISTED AND MARKED "SW"
 - ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE HACR TYPE.
 - A.I.C. RATINGS SHALL BE AS INDICATED ON PANELBOARD SCHEDULES.
 - ALL PANELBOARDS SHALL BE FURNISHED WITH PLASTIC LAMINATE NAMEPLATES WITH 1/4" ENGRAVED LETTERING FOR PANEL IDENTIFICATION.
 - ALL PANELBOARDS SHALL BE PROVIDED WITH TYPE-WRITTEN DIRECTORY OF BRANCH CIRCUIT DESIGNATIONS.
- G. DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK. ENCLOSURES SHALL BE NEMA-1 FOR INDOOR LOCATIONS, NEMA 3R FOR OUTDOOR LOCATIONS OR AS OTHERWISE NOTED.
- H. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC AS INDICATED ON THE ELECTRICAL DRAWINGS, WITH OVERLOAD RELAYS IN EACH PHASE.
- WIRING DEVICES (GENERAL PURPOSE RECEPTACLES AND WALL SWITCHES) COLOR SHALL BE COORDINATED WITH CLIENT.

PART 3 - EXECUTION

- A. COLOR CODING OF CONDUCTORS SHALL BE AS FOLLOWS:
- 208/120 VOLTS, 3 PHASE, 4-WIRE SYSTEM: UNGROUNDED CONDUCTORS: 1 BLACK, 1 RED AND 1 BLUE. GROUNDED (NEUTRAL) CONDUCTOR: WHITE. GROUNDING CONDUCTORS SHALL BE GREEN.
 - 480/277 VOLT, 3-PHASE, 4-WIRE SYSTEM: UNGROUNDED CONDUCTORS: 1 BROWN, 1 YELLOW, AND 1 PURPLE. GROUNDED (NEUTRAL) CONDUCTORS: GRAY. GROUNDING CONDUCTORS SHALL BE GREEN.
 - BRANCH CIRCUIT WIRING (#6 AND SMALLER) SHALL BE COLOR CODED BY CONTINUOUS INSULATION COLOR AND FEEDERS AND SERVICES (#4 AND LARGER) SHALL BE CODED AT ALL JUNCTION OR PULL POINTS (EXCEPT LBS OR LBS'S) USING COLOR MARKERS OR PLASTIC TAPE MANUFACTURED FOR THE PURPOSE.
- I. WIRING METHODS
- ALL CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED, SPECIFIED OR AS SPECIFICALLY PROHIBITED BY THE AUTHORITY HAVING JURISDICTION. ALL FITTINGS AND COUPLINGS FOR EMT CONDUIT SHALL BE ALL STEEL RAIN TIGHT COMPRESSION TYPE OR ALL STEEL CONCRETE TIGHT SET SCREW TYPE.
 - SCHEDULE 40 PVC CONDUIT, WITH FITTINGS AND COUPLINGS APPROPRIATE FOR THE USE, SHALL BE INSTALLED UNDERGROUND OR BELOW SLABS ON GRADE.
 - TYPE MC CABLE WITH ALUMINUM ARMOR AND INTERNAL GROUND IS ACCEPTABLE FOR USE AS GENERAL BRANCH CIRCUIT WIRING FOR CIRCUITS 20 AMPERES OR LESS AND CONCEALED IN WALLS OR ABOVE SUSPENDED CEILING AND AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- C. ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C. AND LOCAL CODES.
- D. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY ENGINEER/ARCHITECT.
- E. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- F. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES, AND SHALL BE FULLY COORDINATED WITH THEM PRIOR TO COMMENCEMENT OF WORK.
- G. PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES, AND WIRING DEVICES, FOR ALL OUTLETS AS INDICATED.
- H. MATERIALS, PRODUCTS, AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UL LIST OF APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF NEC, NEMA, AND IEC.
- CONTRACTOR SHALL SUBMIT AT LEAST FIVE (5) SETS OF SHOP DRAWINGS OR CUT SHEETS OF LIGHTING FIXTURES, SWITCHES, AND OTHER ELECTRICAL ITEMS FOR APPROVAL BY ENGINEER/ARCHITECT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED OF HIS WORK.
- K. ALL LAY-IN LIGHTING FIXTURES SHALL BE SECURED TO THE SUSPENDED CEILING GRID AT EACH CORNER.
- L. CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALL NECESSARY CONTROL WIRING.
- M. ALL ELECTRICAL POWER WIRING FOR THE HVAC SYSTEM INCLUDING WIRING THRU LINE VOLTAGE CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- N. THE CONTRACTOR SHALL CONFIRM WITH THE ELECTRICAL UTILITY COMPANY ANY AND ALL REQUIREMENTS SUCH AS: METERING EQUIPMENT REQUIREMENTS AND METERING EQUIPMENT LOCATION, TRANSFORMER SIZE AND LOCATION OR SERVICE POINT, CONDUIT ENTRY AND LUG SIZE RESTRICTIONS. THE CONTRACTOR SHALL SCHEDULE ALL REQUIRED DOWN TIME FOR THE OWNERS CONFIRMATION.
- ANY CONFLICTS AND DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.
- O. PER NEC 210.8(B)(2) ALL 15- AND 20-AMPERE, 125-VOLT RECEPTACLES IN NONDWELLING-TYPE KITCHENS TO BE GFCI PROTECTED.
- P. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3% DESIGN LOAD. FBC 2017 FBC ENERGY CONSERVATION SECTION 405.7.3.
- Q. FEEDER CONDUCTORS SHALL BE SIZED FOR A MAXIMUM OF 2% VOLTAGE DROP PER 405.7.3.

ELECTRICAL SHEET INDEX

E0.1	ELECTRICAL NOTES, LEGEND & INDEX
E2.1	LIGHTING PLAN
E3.1	POWER PLAN

ELECTRICAL LEGEND

- ▽ TELEPHONE OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
- ▼ DATA OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
- ✦ TELEPHONE/DATA OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNTED ABOVE COUNTER, SEE ARCHITECTURAL DRAWING FOR SPECIFIC REQUIREMENTS.
- ▽ TELEPHONE/DATA OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
- ☑ TELEPHONE/DATA OUTLET WITH 3/4" CONDUIT RUN TO THE NEAREST STUD WALL AND STUBBED OUT FROM WALL 6" ABOVE CEILING. PROVIDE BRASS COVER PLATE AND CARPET FLANGE.
- Ⓜ TELEVISION OUTLET WITH 1-1/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
- ⊙ 20 AMP SINGLE RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
- ⊙ 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
- ⊙ 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
- ⊙ 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED ABOVE COUNTER SEE ARCHITECTURAL DRAWINGS FOR SPECIFIC REQUIREMENTS.
- ⊙ 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) WITH ISOLATED GROUND, MOUNT AT 18" A.F.F. TO CENTERLINE OF OUTLET UNLESS OTHERWISE NOTED.
- ⊙ 20 AMP QUADRUPEX RECEPTACLE (NEMA 5-20R) WITH ISOLATED GROUND, MOUNT AT 18" A.F.F. TO CENTERLINE OF OUTLET UNLESS OTHERWISE NOTED.
- ⊙ 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R), RECESS FLOOR MOUNTED. PROVIDE BRASS COVER PLATE AND CARPET FLANGE.
- ⊙ 20 AMP DUPLEX RECEPTACLE (NEMA 5-20R), CEILING MOUNTED.
- ⊙ SPECIAL-PURPOSE RECEPTACLE
- ⊙ JUNCTION BOX
- ⊙ SINGLE GANG JUNCTION BOX FOR POWER CONNECTION TO MODULAR FURNITURE SYSTEM INSTALL IN EXACT MANNER AS DIRECTED BY FURNITURE SUPPLIER.
- ⊙ DOUBLE GANG JUNCTION BOX FOR TELEPHONE/DATA CONNECTION TO MODULAR FURNITURE SYSTEM. INSTALL IN EXACT MANNER AND LOCATION AS DIRECTED BY FURNITURE SUPPLIER. EXTEND (2) 3/4" EMPTY CONDUITS FROM JUNCTION BOX TO ABOVE CEILING AND TERMINATE WITH INSULATING BUSHING 6" FROM WALL.
- ⊙ TELE/POWER POLE FOR TELEPHONE/DATA/POWER CONNECTION TO MODULAR FURNITURE 8 WIRE SYSTEM (SEE DETAIL THIS SHEET). INSTALL IN EXACT MANNER AND LOCATION AS DIRECTED BY FURNITURE SUPPLIER, WIREMOLD CATALOG # 25DTP-4D W/IVORY FINISH.
- ⊙ SPECIAL PURPOSE RECEPTACLE MOUNTED BELOW RAISE FLOOR.
- ⊙ EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR SPECIFICATIONS.
- ⊙ SINGLE POLE, 20 AMP, SWITCH. MOUNT 46" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
- ⊙ 3-WAY, 20 AMP, SWITCH. MOUNT 46" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
- ⊙ SINGLE POLE, 20 AMP, SWITCH WITH DIMMER. MOUNT 46" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
- ⊙ MOTOR RATED SWITCH
- ⊙ VACANCY SENSOR SWITCH, WATTSTOPPER, MOUNT 46" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
- ⊙ TWO POLE, 30 AMP SWITCH. MOUNT ADJACENT EQUIPMENT TO BE CONTROLLED.
- ⊙ FACTORY MOUNTED DISCONNECT/STARTER (SEE MECHANICAL SCHEDULE)
- ⊙ FUSIBLE DISCONNECT SWITCH A = POLES, B = FRAME SIZE, C = FUSE RATING
- ⊙ FUSIBLE MOTOR STARTER DISCONNECT SWITCH A = POLES, B = NEMA SIZE, C = FUSE RATING
- ⊙ GROUNDING ELECTRODE & CONDUCTOR SYSTEM
- ⊙ TRANSFORMER
- ⊙ ELECTRICAL PANELBOARD
- ⊙ TELEPHONE WOOD BACKBOARD
- ⊙ WEATHERPROOF
- ⊙ TIME CLOCK
- ⊙ RELOCATED
- ⊙ EXISTING TO REMAIN
- ⊙ ABOVE FINISH FLOOR
- ⊙ CEILING MOUNTED DUAL TECHNOLOGY MOTION SENSOR BY WATTSTOPPER.
- ⊙ CEILING MOUNTED LOW VOLTAGE DUAL TECHNOLOGY MOTION SENSOR BY WATTSTOPPER.
- ⊙ CEILING MOUNTED DAY LIGHTING SENSOR. SENSOR TO CONTROL THE DIMMING OF ALL FIXTURES WITHIN 15' OF THE WINDOWS WITH IN ROOM.

NO. REVISION DATE
 BID SET/
 PERMIT SET 10/7/20

CONSULTANT:

PSL POLICE BLDG REMODEL
 PHASE I

121 SW PORT SAINT LUCIE BLVD
 PORT ST. LUCIE, FLORIDA 34984

CPZ ARCHITECTS, INC.

4316 WEST BROWARD BOULEVARD
 PLANTATION, FLORIDA 33317
 PHONE: (954) 792-8525 FAX: (954) 337-0359
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DRAWING TITLE:

ELECTRICAL NOTES

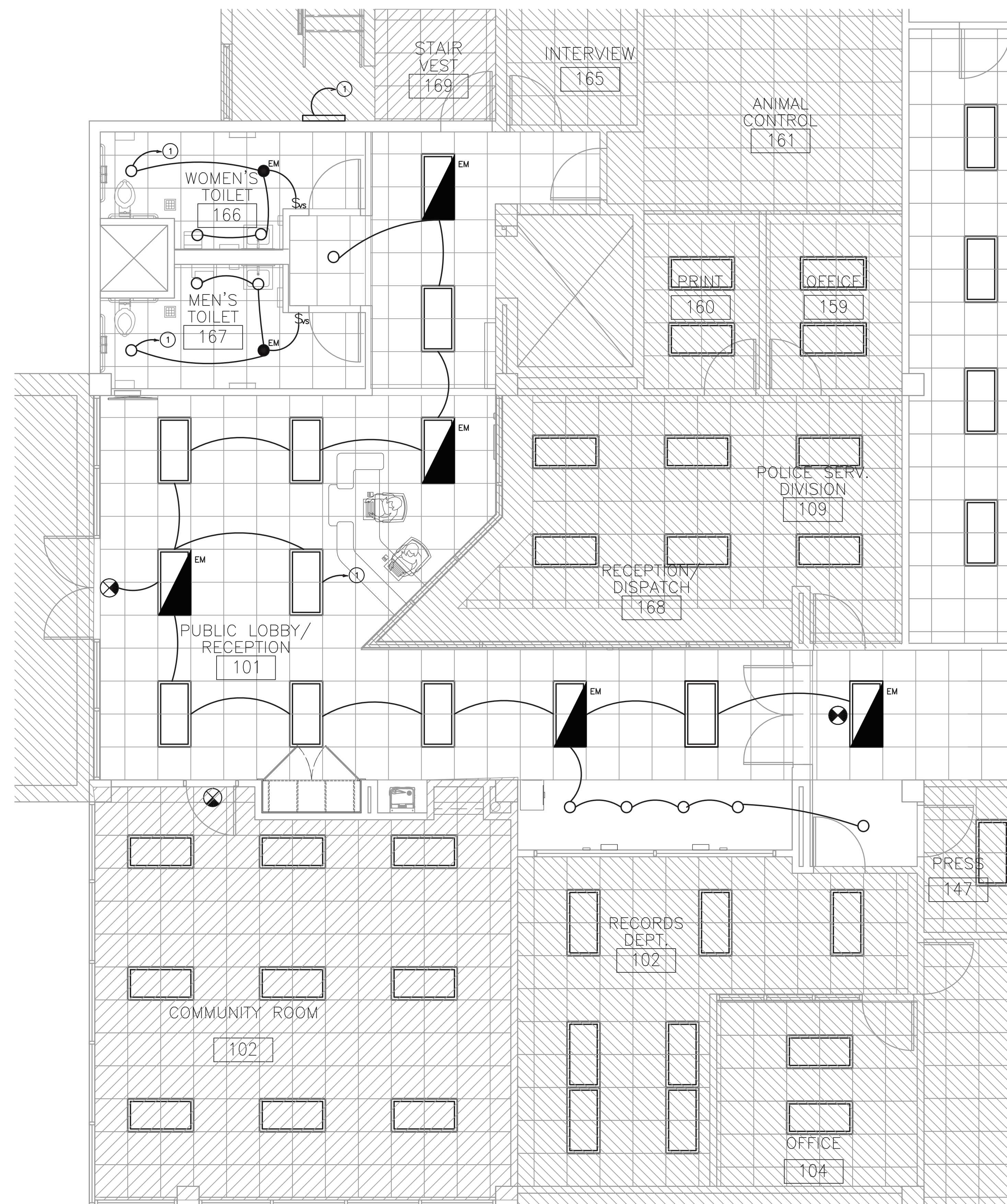
DRAWN JG
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 1960D

SHEET:

E0.1

Digitally signed by Bradly L Brown P.E.
 DN: cn=Bradly L Brown P.E., o=Kamm Consulting Inc., ou=FL# 58232, email=jmayr@kammconsulting.com, c=US
 Date: 2020.10.06 15:12:05 -04'00'

ISSUED FOR PERMIT	10-06-20
NOT FOR PRICING OR CONSTRUCTION	
KAMM CONSULTING PROJECT #	JOHN MAYR
PROJECT MANAGER	2020-0480
	1408 Orange Avenue Fort Pierce, Florida 34950 Phone 772-595-1744 jbrown@kammconsulting.com Certification of Authorization #8189
PRINCIPAL	10-06-20
Bradly L. Brown	Florida License #558232
	date
	signed



PHASE 1
 LIGHTING PLAN
 1/4"=1'-0" NORTH

Bradly L
 Brown
 P.E.

Digitally signed by Bradly L Brown P.E.
 DN: cn=Bradly L Brown P.E., o=Kamm Consulting Inc., ou=FL# 58232, email=jmayr@kammconsulting.com, c=US
 Date: 2020.10.06 15:11:19 -04'00'

KEY NOTE	
①	TIE TO EXISTING LOBBY CIRCUITS & CONTROL DEVICES.
EM=	EMERGENCY

ISSUED FOR PERMIT	10-06-20
NOT FOR PRICING OR CONSTRUCTION	
KAMM CONSULTING PROJECT #	2020-0480
PROJECT MANAGER:	JOHN MAYR
KAMM Consulting	1408 Orange Avenue Fort Pierce, Florida 34950 Phone 772.595.1744 jbrown@kammconsulting.com Certification of Authorization #8189
PRINCIPAL	10-06-20
Bradly L. Brown	Florida License #58232
	date
	signed

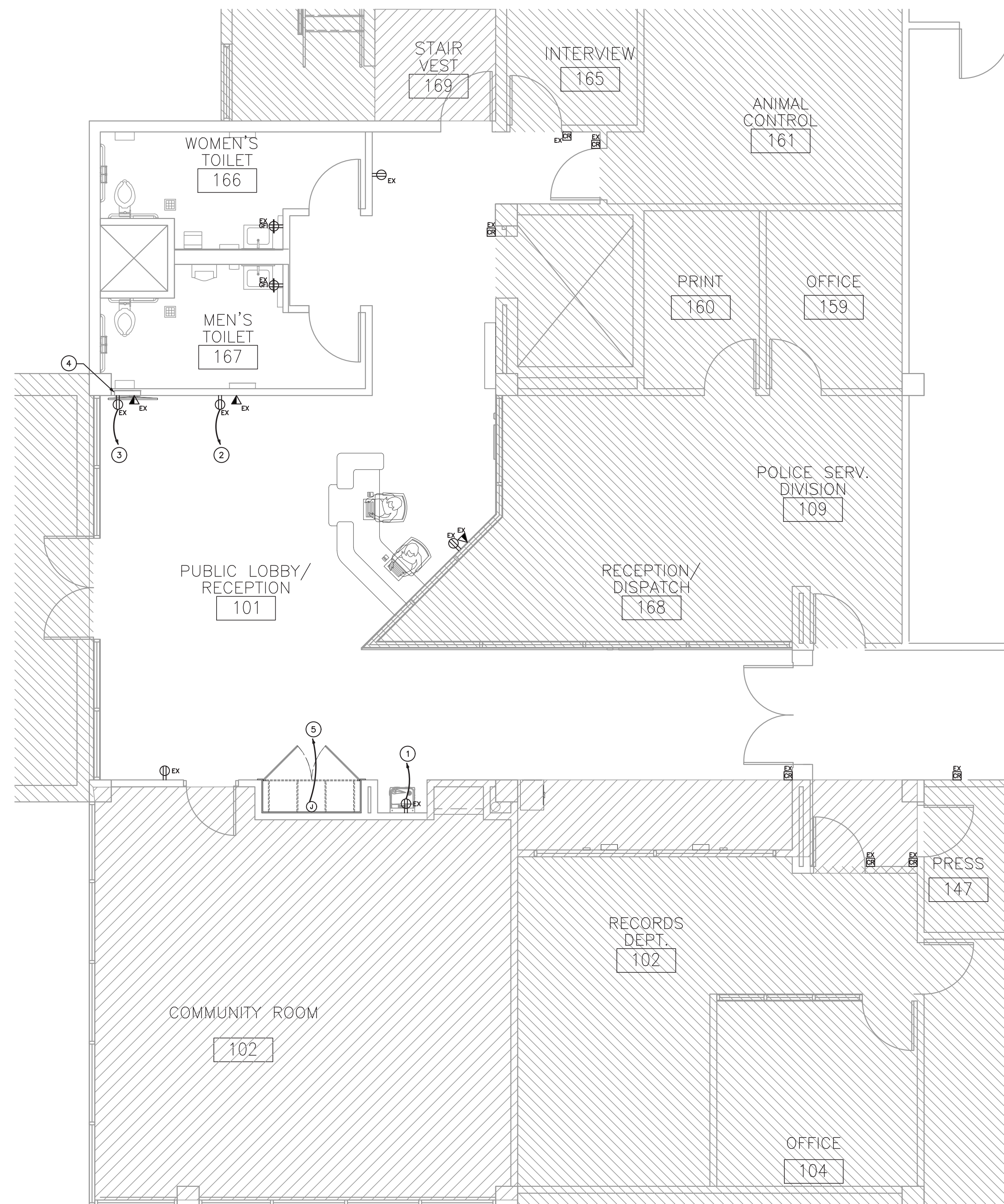
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DRAWING TITLE:
**PHASE I
 LIGHTING PLAN**

DRAWN JG
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 1960D
 SHEET:
E2.1



CONSULTANT:

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DRAWING TITLE:
**PHASE I
 POWER PLAN**

DRAWN JG
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 1960D

SHEET:
E3.1

KEY NOTES	
1	EXISTING DRINKING FOUNTAIN RECEPTACLE TO REMAIN FOR NEW FOUNTAIN.
2	EXISTING ELECTRONIC KIOSK TO REMAIN.
3	EXISTING TV RECEPTACLE TO REMAIN. (+80" AFF)
4	EXISTING FIRE ALARM ANNUNCIATOR TO REMAIN.
5	TIE TO EXISTING CIRCUIT FOR NEW CABINETRY LIGHTING.

PHASE 1
 POWER PLAN
 1/4"=1'-0" NORTH

**Bradly L
 Brown
 P.E.**

Digitally signed by Bradly L Brown P.E.
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 Date: 2020.10.06 15:11:40 -04'00'

ISSUED FOR PERMIT	10-06-20
NOT FOR PRICING OR CONSTRUCTION	
KAMM CONSULTING PROJECT #	JOHN MAYR
PROJECT MANAGER:	2020-0480
KAMM Consulting	1408 Orange Avenue Fort Pierce, Florida 34950 Phone 772.595.1744 lbrown@kammconsulting.com Certification of Authorization #8189
PRINCIPAL	10-06-20
Bradly L. Brown	date
Florida License #58232	signed

MECHANICAL NOTES

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE SYSTEM IN ACCORDANCE WITH THESE DRAWINGS, THE FLORIDA BUILDING CODE 2017 AND ALL OTHER APPLICABLE STATE, COUNTY AND LOCAL ORDINANCES AND THE LATEST ADDITION OF THE FOLLOWING PUBLICATIONS; SMACNA-85, 92, 95; ASHRAE 15-01, 34-01, 62-04; NFPA 70-02, 72-02, 90A-02, 90B-02, 91-99, 96-01; ANSI Z10.1-98, Z10.3-98, Z21.8-94, Z21.83-98.
- THE CONTRACTOR SHALL PAY ALL COSTS OF PERMIT, INSPECTIONS AND ALL OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK.
- THE CONTRACTOR SHALL VISIT THE SITE AND COORDINATE WORK WITH OTHER TRADES.
- THE CONTRACTOR SHALL SUPPLY THE ARCHITECT WITH "AS-BUILT" DRAWINGS.
- CONTRACTOR SHALL SUBMIT, FOR APPROVAL FIVE (5) COPIES OF MANUFACTURER'S DRAWINGS FOR EACH PIECE OF EQUIPMENT AND CONTROLS INCLUDED IN CONTRACT.
- ALL MATERIAL SHALL BE NEW OF U.S. MANUFACTURER OF GOOD QUALITY. ALL WORK SHALL BE PERFORMED AT INDUSTRY STANDARD QUALITY LEVEL BY CERTIFIED PROFESSIONALS. ALL EQUIPMENT SHALL BE UL OR ETL LISTED. ALL INSTALLATIONS SHALL COMPLY WITH FMC 2017, CH. 3, GENERAL REGULATIONS. BUILDINGS LOCATED WITHIN 3,000 FT FROM THE OCEAN SHALL UTILIZE NON-FERROUS MATERIALS FOR ALL OUTDOOR EXPOSED SUPPORTS, STANDS, FASTENERS, ETC.
- DUCTWORK:
 - ALL AIR CONDITIONING DUCT WORK SHALL BE OF 1-1/2" (R-6) HEAVY DUTY FOIL REINFORCED FIBERGLASS WITH MANUFACTURER'S LOGO PRINTED ON VAPOR BARRIER.
 - ALL FLEX DUCT SHALL BE RATED CLASS I, UL-181 LISTED WITH METALLIZED INNER AND OUTER FOIL LINERS, MIN. R-6 WITH A MAX. TOTAL LENGTH NOT TO EXCEED 15 FT. FLEXIBLE DUCTWORK ELBOW SUPPORTS AT EACH DIFFUSER, GRILLE, AND REGISTER EQUAL TO "FLEXFLOW ELBOW" AS MANUFACTURED BY "THERMAFLEX".
 - ALL EXHAUST DUCTS AND OUTSIDE AIR DUCTS SHALL BE GALVANIZED SHEET METAL WITH SEALED SEAMS AND JOINTS. ALL OUTSIDE AIR DUCT SHALL BE INSULATED WITH EXTERNAL BLANKET INSULATION R-6 MIN. ALL METAL EXHAUST, MAKE-UP OR OTHERWISE DUCTS INSTALLED IN LOCATIONS WHERE DEWPOINT CONDITIONS CAN OCCUR INSIDE THE DUCT SHALL BE EXTERNALLY INSULATED WITH R-6 MIN. THE CONTRACTOR SHALL PROVIDE ALL SHEETMETAL DUCTWORK, HANGERS, AUX. SUPPORT STEEL, ETC. ALL METAL DUCTS SHALL BE FABRICATED IN ACCORDANCE WITH LATEST EDITION OF S.M.A.C.N.A.

SPECIAL NOTE
SMACNA DUCT PRESSURE CLASSES BASED ON OPERATING PRESSURE ARE: 1/2", 1", 2", 3", 4", 6", AND 10". EACH DUCT SYSTEM SHALL BE CONSTRUCTED FOR THE SPECIFIC DUCT PRESSURE CLASS SHOWN ON PLANS. WHERE NO PRESSURE CLASS IS SPECIFIED FOR CONSTANT VOLUME SYSTEMS, 1" W.G. PRESSURE CLASS IS THE BASIS OF COMPLIANCE WITH THE SMACNA STANDARDS REGARDLESS OF VELOCITY. WHERE NO PRESSURE CLASS IS SPECIFIED FOR VARIABLE VOLUME SYSTEMS, 2" W.G. PRESSURE CLASS IS THE BASIS OF COMPLIANCE WITH THE SMACNA STANDARDS FOR DUCTWORK UPSTREAM OF VAV BOXES. ALL DUCTWORK SHALL BE SEALED TO SMACNA "HVAC DUCT CONSTRUCTION STANDARDS" FOR ITS PRESSURE CLASS SEALING METHODS.
- OUTSIDE AIR INTAKES SHALL BE SCREENED WITH A CORROSION RESISTANT MATERIAL NOT LARGER THAN 1/2" MESH. O/A INTAKES SHALL NOT BE TAKEN FROM A LOCATION CLOSER THAN 10 FT. FROM ANY CHIMNEY, VENT OUTLET OR SANITARY SEWER VENT OUTLET, UNLESS SUCH VENT IS NOT LESS THAN 24 INCHES ABOVE THE OUTSIDE AIR VENT. OUTSIDE AIR INTAKE VENTS LOCATED ON ROOFS WILL BE PROPERLY MARKED WITH A UNIVERSAL MARKING "INTAKE", PERMANENTLY ATTACHED PER FMC 2017, SEC. 401.5
- DUCT SIZES SHOWN ARE INSIDE DIMENSIONS.
- ALL AIR DEVICES (DIFFUSERS, REGISTERS AND GRILLES) SHALL BE ALL ALUMINUM CONSTRUCTION WITH EXPOSED SURFACE OFF WHITE BAKED ENAMEL FINISH OR AS SPECIFIED BY ARCHITECT. DEVICES SHALL BE AS SPECIFIED OR EQUAL TO TITUS OR METALAIRE. PROVIDE OPPOSED BLADE DAMPERS AT ALL DIFFUSERS AND REGISTERS AS INDICATED ON PLANS. PROVIDE BALANCING DAMPERS FOR ALL SUPPLY AND RETURN DIFFUSERS AND REGISTERS TO ENSURE COMPLIANCE WITH FMC 2017, PAR. 601.5 AND PAR. 603.18 FOR BALANCED AIR FLOW.
- TEMPERATURE CONTROLS/THERMOSTAT:
 - SHALL BE COMBINATION COOLING/HEATING, WITH SYSTEM "COOL-AUTO-HEAT-OFF" AND FAN "ON-AUTO" SELECTOR SWITCHES. PROVIDE PROGRAMMABLE TYPE AS RECOMMENDED BY MANUFACTURER, HONEYWELL OR EQUAL. PROVIDE TAMPER PROOF COVERS.
- THERMOSTAT LOCATION SHALL BE APPROVED BY OWNER AND ENGINEER BEFORE INSTALLATION. INSTALL THERMOSTAT 48" TO 54" A.F.F. PER A.D.A. REQUIREMENTS WHERE APPLICABLE. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR ALL REQUIREMENTS FOR JUNCTION BOXES, CONDUITS, CONTROL WIRING, POWER, ETC. AND DEFINE RESPONSIBILITIES AND SCOPE OF WORK FOR EACH TRADE PRIOR TO ANY PURCHASING OR INSTALLATION. WHENEVER THERE ARE MORE THAN ONE SENSOR OR THERMOSTAT, SIDE BY SIDE, THEY SHALL BE GANGED TOGETHER WITHIN THE SAME COVER PLATE WHEREVER POSSIBLE. CONTRACTOR SHALL COORDINATE THIS ISSUE WITH ARCHITECT/OWNER PRIOR TO INSTALLATION AND SHALL BRING ANY DISCREPANCY TO THE ENGINEER'S ATTENTION.
- REFRIGERANT LINES SHALL BE COPPER, TYPE "L" HARD DRAWN WITH WROUGHT COPPER BRAZING-JOINT TYPE FITTINGS, USE BRAZING MATERIALS FOR HIGH PRESSURE PIPING PER AWS A5.8: BOUP SERIES COPPER-PHOSPHORUS ALLOY OR BA91 SILVER ALLOY. REFRIGERANT LINES SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS. SOFT COPPER TYPE "M" SHALL BE ALLOWED FOR RISER PIPING INSIDE CHASE TO LIMIT NUMBER OF JOINTS. COORDINATE WITH ENGINEER FOR PRIOR APPROVAL. ALL EXPOSED INSULATION SHALL BE PROTECTED WITH UV RESISTANT PAINT OR ALUMIN. SHIELD.
- ARMAFLEX INSULATION SHALL BE USED FOR SUCTION LINES (1/2" FOR ABOVE 40° F AND 1" FOR BELOW 40° F) PER FLORIDA ENERGY CODE TABLE 4-11 FOR PIPING INSULATION. FILTER/DRYER AND SIGHT GLASS SHALL BE PROVIDED AT LIQUID LINES.
- ALL BRANCH TAKE-OFFS TO BE PROVIDED W/ MANUAL VOLUME DAMPERS. PROVIDE RADIUS ELBOWS WHERE FEASIBLE. SQUARE ELBOWS AND TEES SHALL BE FURNISHED W/SINGLE FOIL TURNING VANES. PROVIDE MANUAL VOLUME DAMPERS WITH EXTRACTOR AT ALL FLEX TAKE-OFFS. PROVIDE REMOTE, CABLE OPERATED VOLUME DAMPERS IN INACCESSIBLE AND HARD CEILING AREAS, "YOUNG REGULATOR" OR EQUAL.
- PROVIDE NEW FILTERS FOR ALL AIR CONDITIONING EQUIPMENT BEFORE START-UP, REPLACE PRIOR TO FINAL ACCEPTANCE BY OWNER.
- PROVIDE SMOKE DETECTORS WITH SERVICE ACCESS DOORS IN ALL SUPPLY AIR DUCTS FOR FANS AND AHU'S SERVING A COMMON PLENUM OF 2000 CFM OR ABOVE. FOR SMOKE DETECTORS NOT VISIBLE, IN CONCEALED SPACES, PROVIDE REMOTE ANNUNCIATION/TEST STATION AS REQUIRED BY AUTHORITY HAVING JURISDICTION, COORDINATE PRIOR TO INSTALLATION. DETECTORS SHALL BE BY ONE MANUFACTURER, COORDINATE VOLTAGE ETC. WITH ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM BEFORE ORDERING. UPON DETECTION, SMOKE DETECTORS SHUT DOWN ASSOCIATED AIR MOVING EQUIPMENT AND ALL AIR MOVING EQUIPMENT SERVING THAT COMMON PLENUM.
- PROVIDE TYPE "B" DYNAMIC FIRE DAMPERS WITH SERVICE ACCESS DOORS IN ALL DUCTS AND OPENINGS PENETRATING FIRE RATED WALLS, MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, TENANT SEPARATION, PARTITIONS, FLOOR OR ROOF SLABS AND AT OUTSIDE AIR INTAKES AS REQUIRED. PROVIDE RADIATION DAMPERS IN RATED CEILINGS FOR ALL CEILING OPENINGS, CEILING FANS, DIFFUSERS OR GRILLES RATED FOR USE IN THE CEILING ASSEMBLY. PROVIDE LOW-LEAKAGE CLASS DAMPERS FOR ALL SITUATIONS WHERE THE AIRFLOW CFM HAS TO BE CONTROLLED. VERIFY AND REPLACE AS REQUIRED FOR EXISTING SYSTEMS.
- HVAC CONTRACTOR SHALL PROVIDE A T & B REPORT PER F.B.C. 2017, CH. C408.2.2 (THE T & B REPORT SHALL BE INDEPENDENT FOR SYSTEMS OVER 15 TONS) FOR ALL MECHANICAL EQUIPMENT, AIR DEVICES, DAMPERS, AHU'S AND FANS. THE TEST AND BALANCE REPORT SHALL BE IN ACCORDANCE WITH THE AIR BALANCE COUNCIL STANDARDS AND SHALL INCLUDE AIR QUANTITIES FOR ALL SUPPLY GRILLES, RETURN GRILLES AND EXHAUST GRILLES AND THE LEAVING AND ENTERING AIR TEMPERATURE (T) FROM SUPPLY GRILLES AND EVAPORATORS. FOR (EXISTING) SMOKE EVACUATION SYSTEMS HVAC CONTRACTOR SHALL PROVIDE A T & B REPORT PRIOR TO ANY NEW WORK, PROVING THAT THE SMOKE EVACUATION SYSTEM PERFORMS PER ORIGINAL DESIGN DOCUMENTS AND IS COMPLIANT WITH LOCAL CODE REQUIREMENTS.
- RUN INSULATED FIRE RATED CONDENSATE DRAINS AS REQUIRED.
- ALL INSULATION WILL HAVE FIRE/SMOKE RATING LESS THAN 25/50.
- MECHANICAL EQUIPMENT ON ROOF OR ELEVATED STRUCTURES SHALL COMPLY WITH FBC 2017 PAR. 306.5 IF INSTALLED HIGHER THAN 16 FEET A.F.F. MECHANICAL EQUIPMENT INSTALLED IN ATTICS SHALL MEET THE REQUIREMENTS OF FBC-ENERGY 2017 PAR. C403.2.7.6 IF THE EQUIPMENT CAN NOT BE SERVICED/MOVED THROUGH REQUIRED OPENING. MECHANICAL EQUIPMENT SHALL BE PROTECTED WITH MECHANICAL BARRIERS IF EXPOSED TO MECH. DAMAGE. ALL EQUIPMENT SHALL BE INSTALLED ON 6" CONCRETE PAD AT GRADE LEVEL. NOTE: AIR HANDLING UNITS ARE NOT ALLOWED IN COMMERCIAL ATTICS.
- SPECIAL NOTE**
ALL WIND LOAD AND OTHER COMPLIANCE CALCULATIONS AND/OR INSTALLATION DETAILS FOR ROOF MOUNTED EQUIPMENT AS REQUIRED BY FBC 2017, SEC. 1509, 1522 AND CHAPTER 16, SHALL BE PROVIDED BY STRUCTURAL ENGINEER/ARCHITECT.
- PROVIDE A MIN. OF 36" CLEARANCE IN FRONT OF ALL 120-208 VOLT PANELS AND MIN. 42" CLEARANCE IN FRONT OF ANY 240-480 VOLT PANEL. PROVIDE ADEQUATE SIDE CLEARANCE PER NEC.
- MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING, ELECTRICAL, FIRE SPRINKLER, AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS. DUCT AND PIPING OFFSETS, BENDS AND TRANSITIONS SHALL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CHANGES IN DUCTWORK SIZE AND ROUTE WILL BE REQUIRED TO AVOID STRUCTURAL, PLUMBING, FIRE SPRINKLER AND ARCHITECTURAL BUILDING FEATURES. DUCTWORK CHANGES MAY BE MADE BY CONTRACTOR USING EQUIVALENT SIZED DUCT. CONTACT ENGINEER IF DUCT AREA WILL NOT FIT.
- THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING, ORDERING, FABRICATION OR INSTALLATION OF MATERIALS OR EQUIPMENT, IN ORDER TO PROVIDE A FULLY INTEGRATED MECHANICAL AND CONTROLS SYSTEMS WITH THE EXISTING ONES. ANY DISCREPANCY BETWEEN EXISTING CONDITIONS AND PLANS, OR ADDITIONAL CLARIFICATION REQ'D SHALL BE BROUGHT TO THE ATTENTION OF ENGINEER PRIOR TO FINAL BIDDING AND WORK.
- NO COMBUSTIBLE MATERIALS ARE ALLOWED IN RETURN AIR PLENUMS OR ABOVE CEILINGS USED AS RETURN AIR PLENUM. IF SPACE WITH RETURN AIR PLENUM HAS ANY DECK TO DECK PARTITIONS, AIR TRANSFER DUCTS MUST BE INSTALLED. WHEN CPVC PIPING IS USED FOR FIRE SPRINKLER SYSTEMS, THE R/A GRILLES LAYOUT SHALL BE (FIELD) COORDINATED WITH SUCH PIPING SO THAT NO PORTION OF THE GRILLES WILL BE DIRECTLY BELOW THE CPVC PIPING.
- CONDENSATE DRAIN PIPING TO BE AS SPECIFIED PER PLUMBING PLANS, IF NOT SPECIFIED TO BE TYPE "L" COPPER OR PVC WHERE ALLOWED BY CODE WITH 1/2" ARMAFLEX INSULATION. PROVIDE APPROVED WATER LEVEL DETECTOR OR FLOAT SWITCH TO AUTOMATICALLY SHUT DOWN THE AIR COND. UNIT, AS A SECONDARY DRAIN SYSTEM TO COMPLY WITH FMC 2017, SEC. 307 SUPPLY CONDENSATE PUMP WHERE NECESSARY AS IMPOSED BY FIELD CONDITIONS OR INSTALLATION CHANGES AND PIPE TO CONDENSATE DRAIN PER PLUMBING PLANS.
- MANUFACTURER'S WARRANTY: CONTRACTOR SHALL PROVIDE WARRANTY FOR A PERIOD OF (1) ONE YEAR AFTER BUILDING C.O. FOR ALL MECHANICAL SYSTEMS, DUCTWORK, CONTROLS ACCESSORIES AND ALL OTHER EQUIPMENT, PARTS AND LABOR UNDER THESE DRAWINGS AND AND SPECIFICATIONS. CONTRACTOR SHALL PROVIDE WARRANTY FOR COMPRESSORS FOR (5) FIVE YEARS. ANY REPAIRS REQUIRING SYSTEM SHUTDOWN WILL BE DONE DURING NON-OPERATIONAL PERIODS OR AS AGREED WITH OWNER.
- ON PROJECT SPECIFIED WITH EQUIPMENT UTILIZING HOT GAS REHEAT AND/OR DEHUMIDIFICATION; CONTRACTOR SHALL PROVIDE FACTORY STARTUP OF EQUIPMENT WITHIN THEIR BID. STARTUP REPORT DOCUMENT TO BE PROVIDED TO ENGINEER FOR REVIEW.

MECHANICAL SHEET INDEX

SHEET#	DESCRIPTION
M0.1	MECHANICAL NOTES, LEGEND & INDEX
M2.1	MECHANICAL FLOOR PLAN

MECHANICAL LEGEND

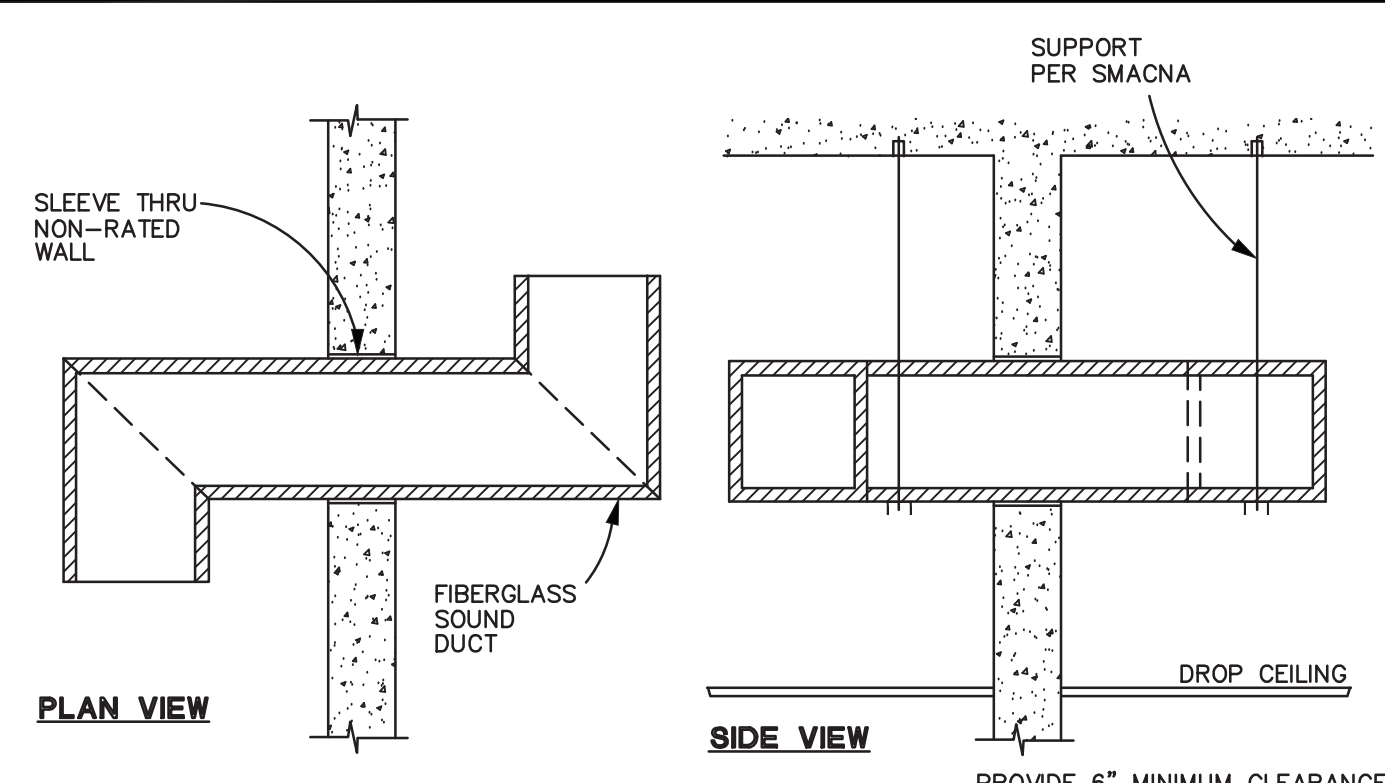
	SUPPLY AIR CEILING DIFFUSER		CEILING OR INLINE EXHAUST FAN
	RETURN AIR CEILING GRILLE		STANDARD SINGLE DUCT VVT BOX (3"0" SERVICE CLEARANCE)
	WALL LOUVER / WALL DIFFUSER.		THERMOSTAT
	LINEAR DIFFUSER		HUMIDISTAT
	MANUAL VOLUME CONTROL DAMPER		REFRIGERANT SENSOR
	MOTORIZED DAMPER		STATIC PRESSURE SENSOR
	FIRE DAMPER		DUCT SMOKE DETECTOR
	REDUCER OR INCREASER		AP - ACCESS PANEL
	FLEX DUCT		AD - ACCESS DOOR
	EXISTING FLEX DUCT		VCD VOLUME CONTROL DAMPER
	EXISTING DUCTWORK		MOD MANUALLY OPERATED DAMPER
	SUPPLY & OUTSIDE AIR SECTION (UP)		SUPPLY AIR DIFFUSER OR GRILLE DESIGNATION
	SUPPLY & OUTSIDE AIR SECTION (DN)		RETURN/EXHAUST AIR DIFFUSER OR GRILLE DESIGNATION
	RETURN OR EXHAUST DUCT SECTION (UP)		VARIABLE FREQ. DRIVE CONTROL PANEL
	RETURN OR EXHAUST DUCT SECTION (DN)		SUPPLY AIR
	ROUND UP		RETURN AIR
	SHOE TAP DAMPER		DOOR UNDER CUT
	ROOFTOP UNIT		EQUIPMENT TAG
	SOLENOID VALVE.		OARTU- OUTDOOR AIR ROOF TOP UNIT
	RELOCATE		RTU- ROOF TOP UNIT
			VAV- VARIABLE VOLUME BOX
			EF - EXHAUST FAN

NOT ALL SYMBOLS MAY APPLY TO THESE PLANS

HVAC ABBREVIATION LEGEND

AC	AIR CONDITIONING	MCA	MINIMUM CIRCUIT AMPS (FOR WIRE SIZING)
AFF	ABOVE FINISH FLOOR	MOD	MANUALLY OPERATED DAMPER
BDD	BACK DRAFT DAMPER	MOCOP	MAXIMUM OVERCURRENT PROTECTION DEVICE AMPS
CD	CONDENSATE DRAIN	NC	NOISE CRITERIA
COP	COEFFICIENT OF PERFORMANCE	O/A	OUTSIDE AIR
DB	DRY BULB	OBD	OPPOSITE BLADE DAMPER
DIA.	DIAMETER	PD	PRESSURE DROP.
E	EXISTING TO REMAIN	R	EXISTING TO BE RELOCATED
EER	ENERGY EFFICIENCY RATIO	R/A	RETURN AIR
EDH	ELECTRIC DUCT HEATER	RLA	RATED LOAD AMPS.
EF	EXHAUST FAN	SEER	STANDARD ENERGY EFFICIENCY RATIO
ESP	EXTERNAL STATIC PRESSURE	TSP	TOTAL STATIC PRESSURE
F	FILTER	VD	VOLUME CONTROL DAMPER
FD	FIRE DAMPER	VD	VARIABLE FREQUENCY DRIVE
FLA	FULL LOAD AMPS.	WB	WET BULB
FMS	FLOW MEASURING STATION		
IPLV	INTEGRATED PART-LOAD VALUE.		

NOTE: NOT ALL SYMBOLS MAY APPLY TO THESE PLAN.



Digitally signed by **Bradly L. Brown P.E.**
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Date: 2020.10.06 15:10:56 -04'00'

ISSUED FOR PERMIT	10-06-20
NOT FOR PRICING OR CONSTRUCTION	
KAMM CONSULTING PROJECT #	2020-0480
PROJECT MANAGER:	JOHN MAYR
	1408 Orange Avenue Fort Pierce, Florida 34950 Phone 772.595.1744 jbrown@kammconsulting.com Certification of Authorization #8189
PRINCIPAL:	Bradly L. Brown Florida License #58232
	10-06-20
	date
	signed

NO. REVISION DATE
BID SET/
PERMIT SET 10/7/20

CONSULTANT:

PSL POLICE BLDG REMODEL
PHASE I
121 SW PORT SAINT LUCIE BLVD
PORT ST. LUCIE, FLORIDA 34984

CPZ ARCHITECTS, INC.
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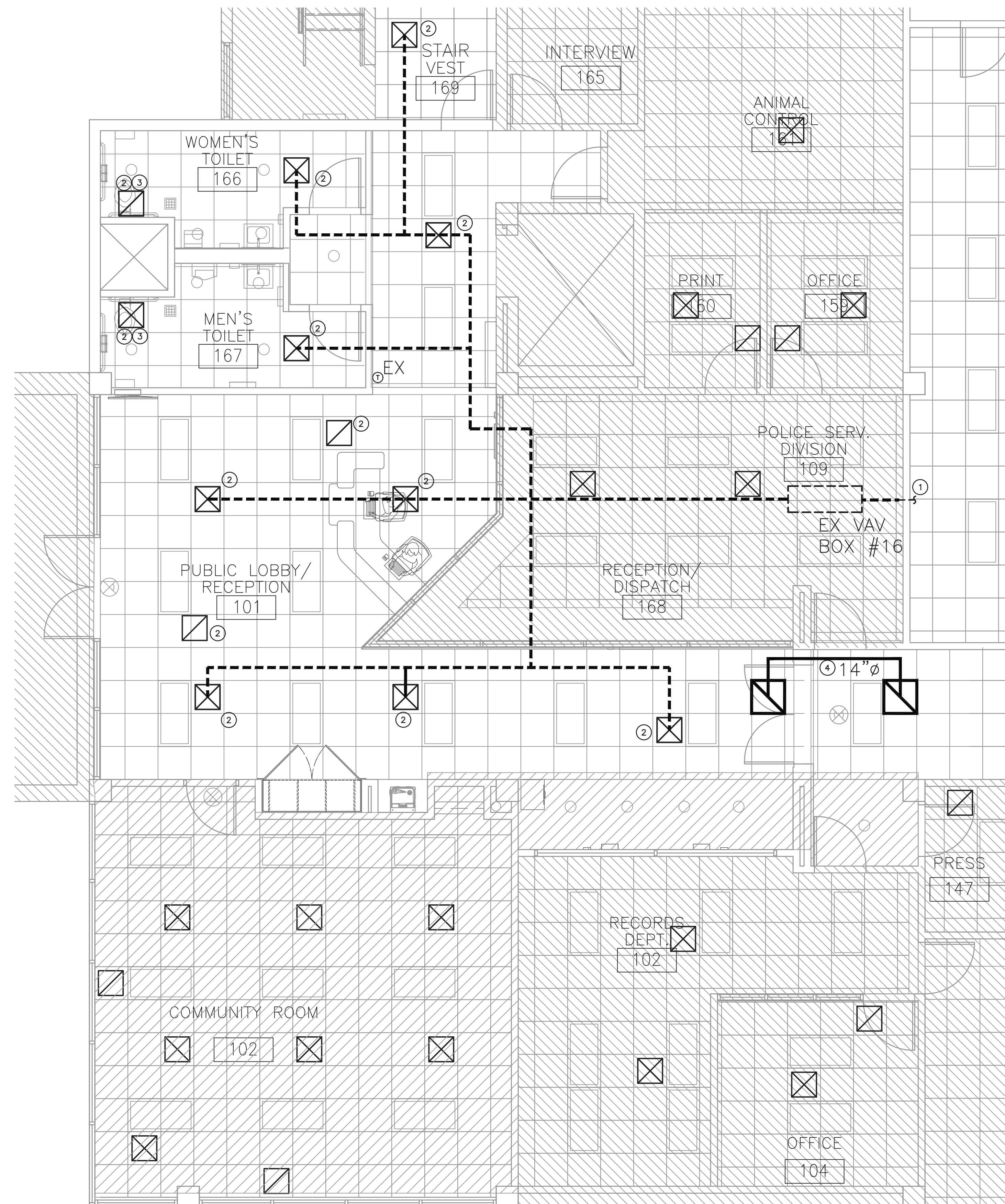


DRAWING TITLE:
MECHANICAL NOTES

DRAWN JG
CHECKED CPZ
DATE 06.24.20
SCALE AS NOTED
PROJECT NO. 1960D

SHEET:
M0.1

CONSULTANT:



PHASE 1
 MECHANICAL PLAN

1/4"=1'-0" NORTH

Bradly L
 Brown
 P.E.

Digitally signed by Bradly L Brown P.E.
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 Date: 2020.10.06 15:10:31 -04'00'

KEY NOTES	
①	EXISTING HVAC SYSTEM TO REMAIN, DUCTWORK, VAV BOX, & THERMOSTAT.
②	REPLACE ONE- FOR- ONE WITH NEW DIFFUSERS TO MATCH EXISTING BUILDING STANDARD.
③	EXISTING BUILDING RESTROOM EXHAUST SYSTEM TO REMAIN. GRILLE REPLACEMENT ONLY.
④	NEW TRANSFER DUCT FOR RETURN AIR PLENUM SPACE.

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PROJECT MANAGER:	2020-0480
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Bradly L. Brown	Florida License #58232
	date
	signed

PSL POLICE BLDG REMODEL
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DRAWING TITLE:

PHASE I
 MECHANICAL PLAN

DRAWN JG
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 1960D

SHEET:
M2.1

CONSULTANT:

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 121 SW PORT SAINT LUCIE BLVD
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DRAWING TITLE:
PLUMBING NOTES

DRAWN JG
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 1960D

SHEET:

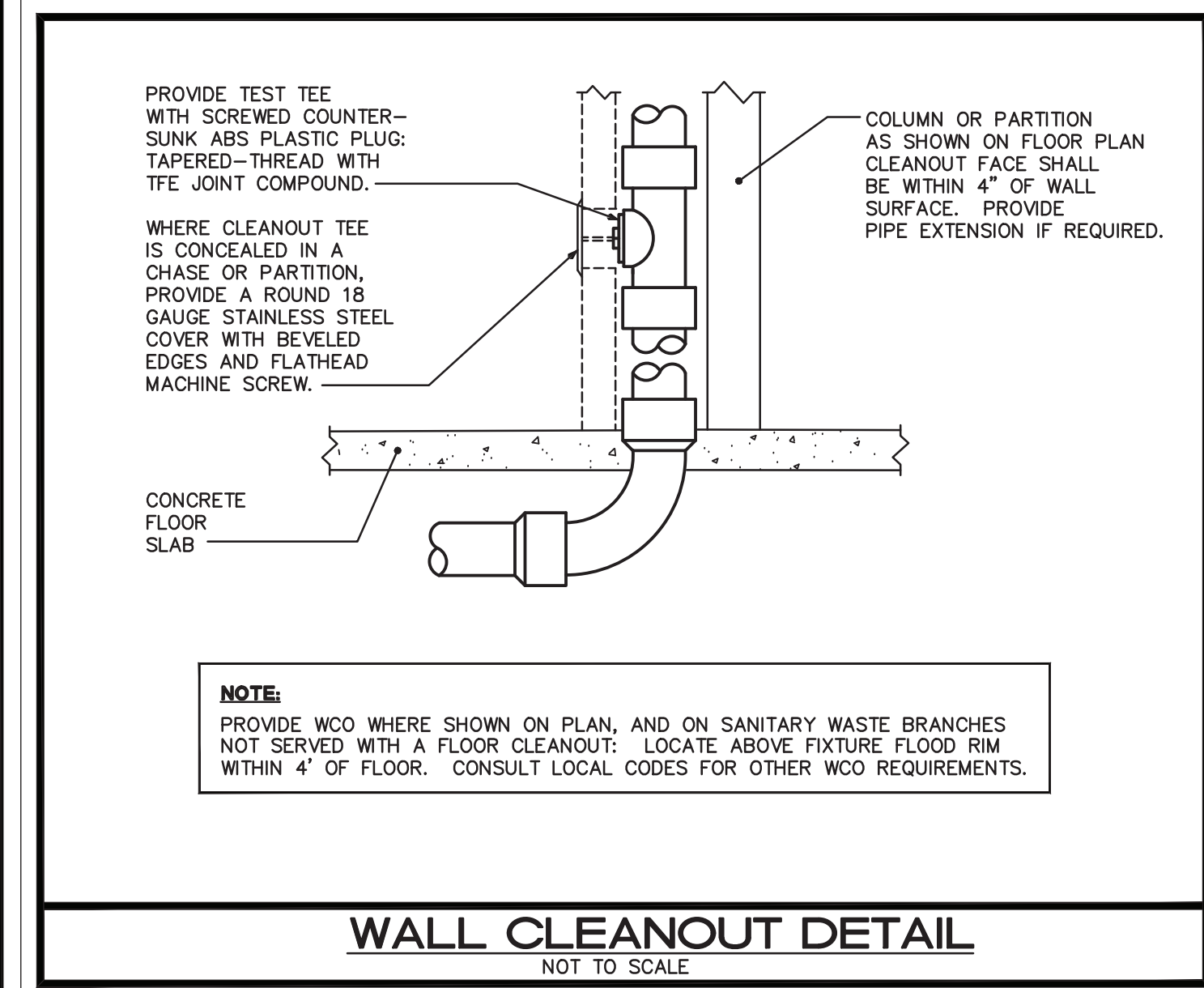
P0.1

PLUMBING SHEET INDEX

SHEET#	DESCRIPTION
P0.1	PLUMBING NOTES, LEGENDS, AND DETAILS
P2.1	SANITARY PLAN
P3.1	DOMESTIC WATER PLAN

PLUMBING LEGEND

CO	CLEAN OUT		SANITARY SEWER PIPING
S.O.V.	SHUT-OFF VALVE		VENT PIPING
COTC	CLEAN OUT TO GRADE		DOMESTIC COLD WATER PIPING
FS	FLOOR SINK		HOT WATER PIPING (110°)
CW	DOMESTIC COLD WATER		HOT WATER PIPING (140°)
HW	DOMESTIC HOT WATER		HOT WATER RECIRCULATING PIPING
HWR	DOMESTIC HOT WATER RECIRCULATING		CONDENSATE PIPING
HB	HOSE BIBB		COMPRESSED AIR PIPING
VTR	VENT THRU ROOF		TEMPERATURE AND PRESSURE RELIEF
	GATE VALVE		STORM DRAIN PIPING
	GLOBE VALVE		GAS PIPING
	CHECK VALVE		PIPE RISE UP
	GAS SOLENOID VALVE		PIPE DOWN OR DROP
	GAS COCK		CAPPED END OF PIPE
	WATER HAMMER ARRESTER (PDI No.)		POINT OF CONNECTION
	FLOOR DRAIN		P-TRAP



WALL CLEANOUT DETAIL
 NOT TO SCALE

SHOCK ARRESTOR SCHEDULE

P.D.I. DESIGNATION	MANUF. & MODEL	FIXTURE UNITS	CONNECTION
A	SIoux CHIEF 652-A	1-11	1/2"
B	SIoux CHIEF 653-B	12-32	3/4"
C	SIoux CHIEF 654-C	33-60	1"

SIoux CHIEF SHOCK ARRESTORS APPROVED FOR INSTALLATION WITH NO ACCESS DOOR REQUIRED. CONFORMS TO ANSI/ASSE 1010 STANDARDS.

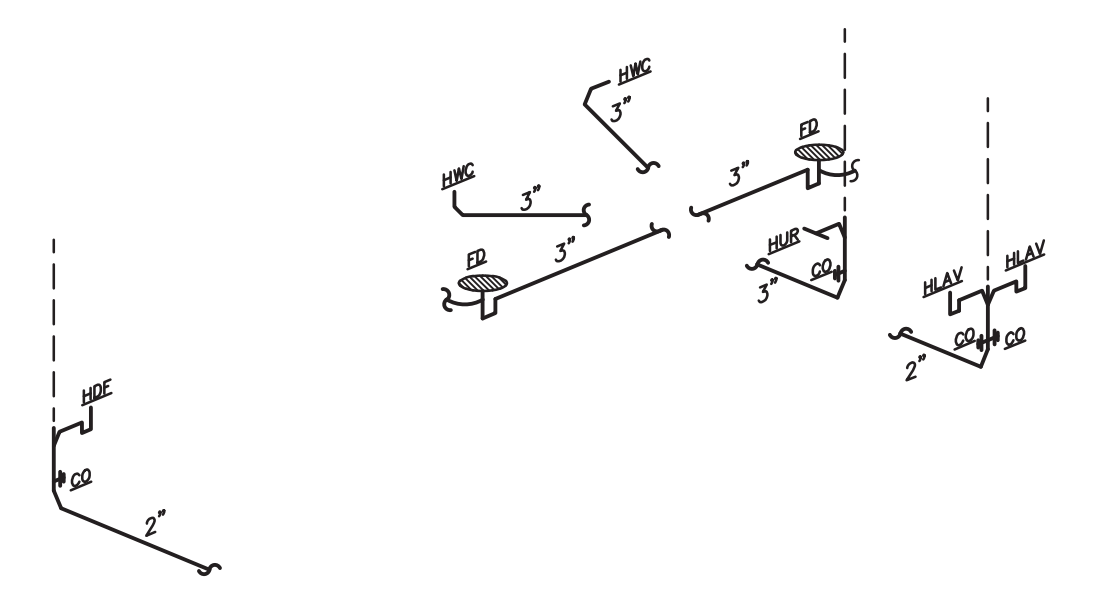
SLOPE OF HORIZ. DRAINAGE PIPE

SIZE (inches)	MINIMUM SLOPE (Inch per foot)
2-1/2 or less	1/4
3 to 6	1/8
8 or larger	1/16

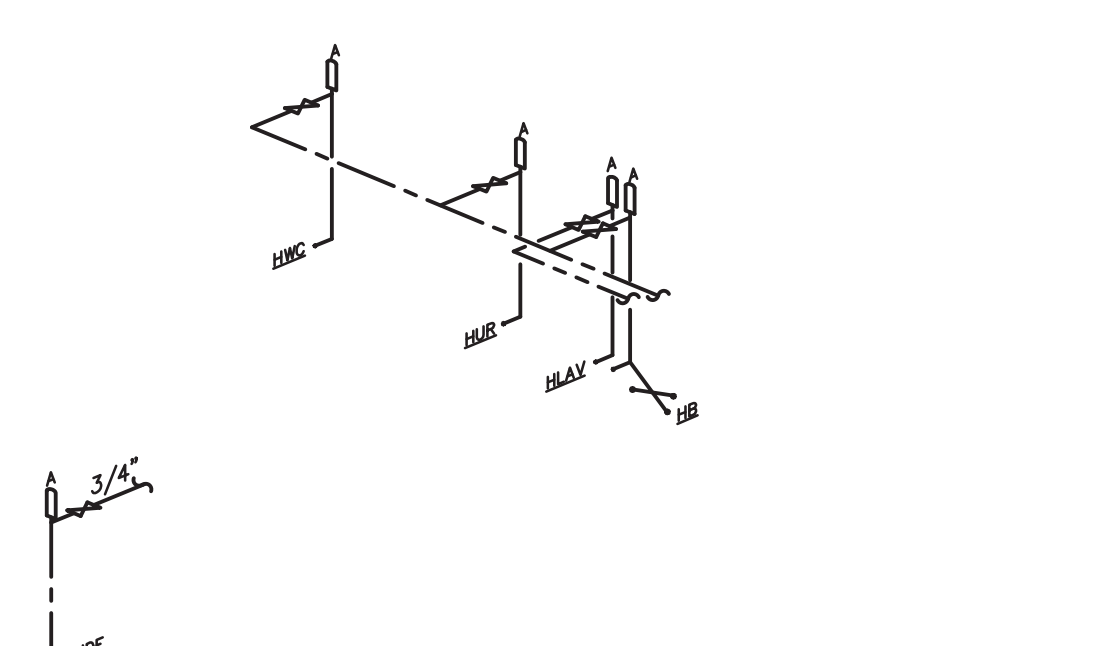
TABLE 704.1 OF THE FLORIDA PLUMBING CODE 2017

PLUMBING NOTES

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE SCOPE OF WORK. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH THE FLORIDA BUILDING CODE 6TH EDITION (2017) - PLUMBING, APPLICABLE LOCAL CODES, RULES, AND ORDINANCES.
- PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
- ALL MATERIALS SHALL BE NEW AND OF GOOD QUALITY.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY-OPERATIONAL. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
- REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS. PLUMBING CONTRACTOR SHALL OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULATORY AUTHORITIES.
- CONTRACTOR SHALL SUBMIT TO ARCHITECT/ENGINEER, FOR REVIEW & APPROVAL, FIVE (5) SETS OF MANUFACTURER'S CUT SHEETS FOR EACH FIXTURE, PIPING/FITTING MATERIAL AND EQUIPMENT ITEM WITH ASSOCIATED CONTROLS, THAT ARE INCLUDED IN THE CONTRACT.
- DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ARCHITECT/ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERT ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- WATER DISTRIBUTION PIPING ABOVE AND BELOW GROUND SHALL BE TYPE "L" COPPER. ALTERNATE PIPING & FITTING MATERIALS MAY BE USED IN ACCORDANCE WITH FLORIDA BUILDING CODE 6TH EDITION (2017) - PLUMBING, TABLES 605.3, 605.4 & 605.5, WHEN APPROVED BY ENGINEER OF RECORD AND LOCAL AUTHORITY HAVING JURISDICTION. PROVIDE ALTERNATE FOR CPVC PIPING & FITTINGS EQUAL TO LUBRIZOL CORZAN OR FLOW-GUARD GOLD. PROVIDE ALTERNATE FOR PEX TYPE "A" PIPING & FITTINGS EQUAL TO UPONOR. ALTERNATES ARE PERTINENT FOR WATER SERVICES KNOWN OR DETERMINED TO HAVE ACIDIC CHARACTERISTICS OR OTHER PARTICULAR CIRCUMSTANCES AS DEEMED APPROPRIATE BY DIRECTIVE FROM THE OWNER. CONTRACTOR SHALL PERFORM A WATER TEST TO DETERMINE WATER CHEMISTRY PRIOR TO ANY WORK OR PIPING INSTALLATION AND SHALL SUBMIT TEST RESULTS TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL. DISINFECTION OF POTABLE WATER SYSTEM SHALL COMPLY WITH FLORIDA BUILDING CODE 6TH EDITION (2017) - PLUMBING, SECTION 610. ALL WATER PIPING & FITTINGS SHALL BE OF DOMESTIC MANUFACTURE; SPECIFICALLY IN THE UNITED STATES OF AMERICA.
- SOIL, WASTE, VENT, AND RAINWATER (DWV) PIPING & FITTINGS SHALL BE CAST IRON OR PVC, WHERE CODE ALLOWS. PVC MAY NOT BE USED THRU RATED ASSEMBLIES OR IN PLENUMS. PVC PIPING SHALL BE SOLID-CORE ONLY; FOAM-CORE PIPING SHALL NOT BE ACCEPTED. CAST IRON PIPING & FITTINGS SHALL BEAR THE CISPI-301 MARK. ALL DWV PIPING & FITTINGS SHALL BE OF DOMESTIC MANUFACTURE; SPECIFICALLY IN THE UNITED STATES OF AMERICA.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE ANGLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS (WHERE REQUIRED). COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- PROVIDE APPROVED WATER HAMMER ARRESTORS FOR ALL (GROUP) PLUMBING FIXTURES, SIZED & LOCATED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS & PDI-WH201.
- PROVIDE DIELECTRIC COUPLINGS OR FLANGES BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
- ISOLATE COPPER PIPING FROM METALLIC HANGERS OR SUPPORTS WITH ISOLATOR PADS OR NON-CONDUCTIVE MATERIAL.
- ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED FROM FIRE, SMOKE AND WATER PENETRATION BY FILLING ANNULAR SPACE BETWEEN PIPING AND SLEEVES WITH INTUMESCENT CAULK, TO ACHIEVE THE SAME RATING AS WALLS OR FLOORS, AS PART OF THE PLUMBING CONTRACTOR'S WORK.
- PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
- PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES. ACCESS PANELS IN RATED WALLS SHALL MAINTAIN THE SAME RATING AND SHALL MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
- PROVIDE COMBINATION CLEANOUT PLUG AND COVER PLATE OR ACCESS PANEL FOR ALL WALL CLEANOUTS. FINISH TO MATCH NEARBY FIXTURE TRIM.
- NO COMBUSTIBLE MATERIAL SHALL BE INSTALLED IN MECHANICAL ROOMS NOR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
- NO WATER, SANITARY OR DRAINAGE PIPING SHALL BE INSTALLED IN ELECTRICAL OR ELEVATOR EQUIPMENT ROOMS.
- ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCIBLE DIAGRAM LOCATING ALL VALVES SHALL BE FURNISHED FOR OWNER/OPERATOR.
- CONDENSATE DRAIN PIPING SHALL BE TYPE "L" COPPER WITH ARMAFLEX INSULATION AND A VAPOR-BARRIER JACKET PER FLORIDA BUILDING CODE 6TH EDITION (2017) - ENERGY CONSERVATION, TABLE C403.2.8. PVC WITHOUT INSULATION IS ACCEPTABLE FOR RISERS AND BELOW GRADE PIPING, WHEN USED IN A RETURN AIR PLENUM, PVC PIPING WITH INSULATION IS ACCEPTABLE IN LOCATIONS WHERE ALLOWED BY LOCAL CODES. CONDENSATE PIPING SHALL NOT DRAIN ONTO THE ROOFING SYSTEM NOR ANY OF ITS COMPONENTS. CONDENSATE PIPING ARRANGEMENT IS EXEMPT FROM MINIMUM EQUIPMENT CLEARANCE REQUIREMENTS PER FLORIDA BUILDING CODE 6TH EDITION (2017), SECTION 1522.3.5. ALL HORIZONTAL RAINWATER PIPING RUN ABOVE FINISHED FLOOR THAT RECEIVES CONDENSATE DISCHARGE SHALL BE INSULATED WITH ARMAFLEX AND A VAPOR-BARRIER JACKET.
- HOT WATER PIPING INSULATION SHALL BE PROVIDED IN ACCORDANCE WITH FLORIDA BUILDING CODE 6TH EDITION (2017) - PLUMBING, TABLE 607.5 & FLORIDA BUILDING CODE 6TH EDITION (2017) - ENERGY CONSERVATION, TABLE C403.2.8. CONTRACTOR SHALL USE ARMAFLEX OR EQUAL WHERE APPLICABLE. WHERE DOMESTIC WATER TEMPERATURES CAN CAUSE SWEATING, ALL COLD WATER PIPING SHALL BE INSULATED WITH ARMAFLEX INSULATION AND A VAPOR-BARRIER JACKET, PER FLORIDA BUILDING CODE 6TH EDITION (2017) - ENERGY CONSERVATION, TABLE C403.2.8.
- AIR ADMITTANCE VALVES MAY BE USED AS AN ALTERNATE TO VENT PIPING THRU ROOF WHERE ACCEPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION. INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
- PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUT-OFF.
- STUDOR MINI/MAXI AIR ADMITTANCE VALVES MAY BE USED AS AN ALTERNATE TO VENT PIPING THRU ROOF WHERE ACCEPTABLE BY THE PLUMBING OFFICIAL AND LOCAL CODES. INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL HORIZONTAL RAINWATER PIPING THAT RECEIVES CONDENSATE DISCHARGE FROM AIR CONDITIONING EQUIPMENT SHALL BE INSULATED WITH 1" THK. ARMAFLEX.
- PLUMBING PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, FIRE SPRINKLER, STRUCTURAL AND CIVIL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS. PIPING MODIFICATIONS SUCH AS OFFSETS, BENDS, TRANSITIONS, AND SIZES SHALL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CHANGES IN PIPE SIZES AND ROUTING SHALL BE REQUIRED BY THE CONTRACTOR TO AVOID CONFLICTS AND TO ADAPT TO EXISTING FIELD CONDITIONS PROVIDED THAT INSTALLATION MEETS ALL APPLICABLE CODES.
- SUPPLY TRAP PRIMER FOR ALL FLOOR DRAINS, FLOOR SINKS, HUB DRAINS, ETC. SHOWN ON PLANS.
- CONTRACTOR TO FIELD VERIFY ALL SUPPLY PRESSURE REQUIREMENTS AND LIMITATIONS. PROVIDE PRESSURE REDUCING VALVE IF REQUIRED.



SANITARY ISOMETRIC
 N.T.S.



DOM. WATER ISOMETRIC
 N.T.S.

PLUMBING FIXTURE SCHEDULE

Hlav	HANDICAP LAVATORY, NAMEEK'S MONA CERASTYLE 064200-U, WHITE FAUCET, KOHLER TAUT SINGLE-CONTROL LAVATORY FAUCET K-74013-4, POLISHED CHROME
HWC	HANDICAP WATER CLOSET - FLUSH VALVE BOWL; FLOOR MOUNTED, SIPHON JET, VITEROUS CHINA WITH ELONGATED RIM AND 1-1/2" TOP SPUD. 18" HIGH AMERICAN STANDARD #3541.00US ELDERLY NEW CADET AQUAMETER, 1.28 GPF TOILET WITH SLOAN ROYAL #111-1.6 FLUSH VALVE AND A CENTOCO #500CC OPEN FRONT SEAT LESS COVER.
HUR	URINAL, KOHLER DEXTER URINAL K-5452-ET, WHITE, FLUSH VALVE, SLOAN ROYAL #186-1, WALL MOUNTED, WHITE URINAL, WALL CARRIER, WADE# 400AM11-M36, MUST MEET A.D.A. CODE.
FD	FLOOR DRAIN, LATECRETE HYDRO BAN BONDING FLANGE DRAIN.
HDF	ELKAY LZ8W5LP ENHANCED EZH20 BOTTLE FILLING STATIONA ND SINGLE ADA COOLER, FILTERED, 8 GPH, LIGHT GRAY.

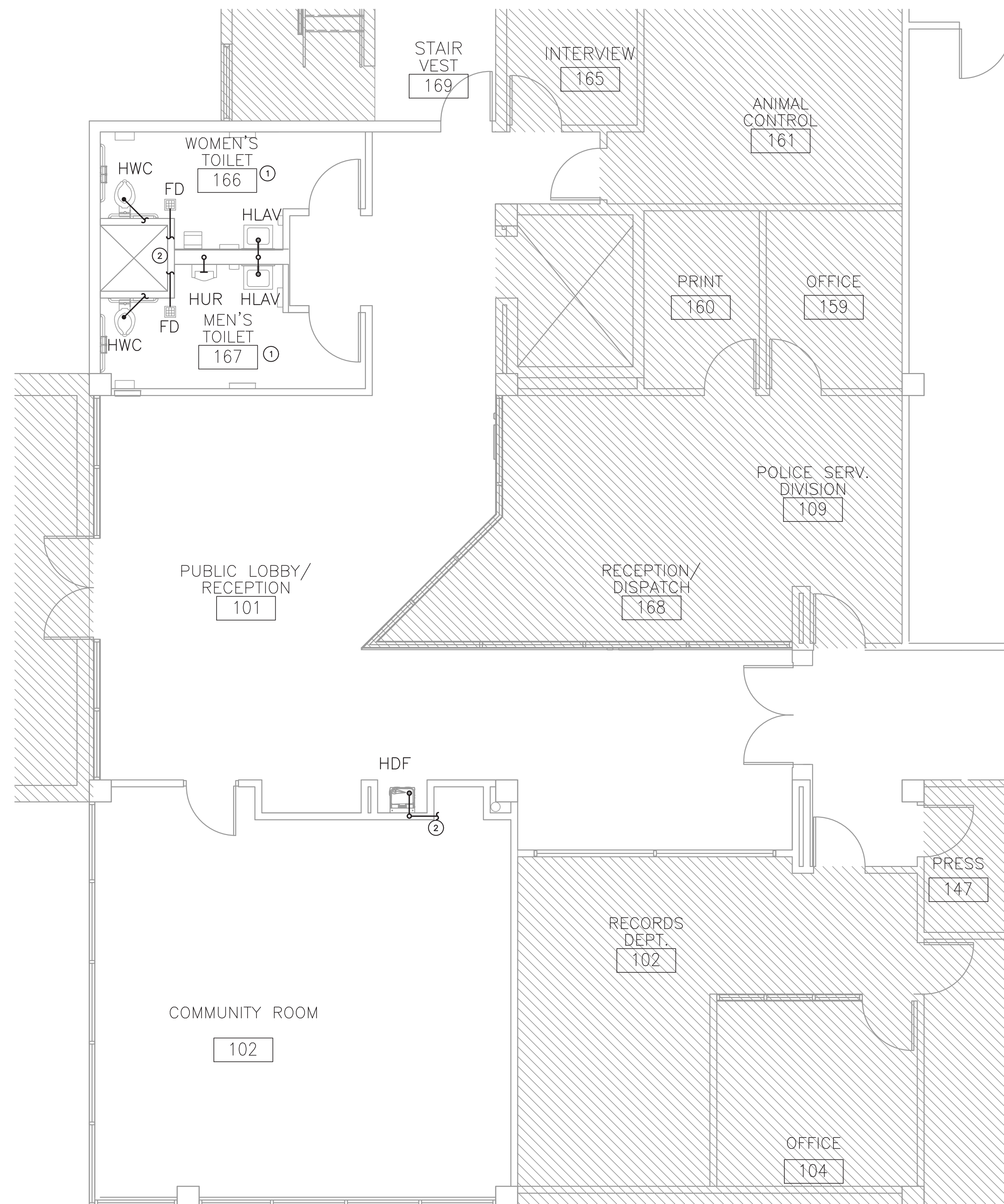
GENERAL NOTES:
 (1) - FIXTURES SHALL BE AS SHOWN OR EQUAL
 (2) - ALL FIXTURES SHALL COMPLY WITH TABLE 604.4 OF FBC 2017
 (3) - ALL FIXTURE TRIM PACKAGES INCLUDING BUT NOT LIMITED TO TRAP, ANGLE STOP, FLUSH VALVE, SUPPLY TUBES, AND CLEANOUT COVER PLATES SHALL BE OF THE SAME FINISH AS THE ABOVE SPECIFIED FAUCET AND PER ARCHITECTURAL FINISH SCHEDULE.
 (4) - ALL FIXTURES SHALL BE ROUGHED IN PER MANUFACTURER CUT SHEET TO MAINTAIN UNIFORMITY.

CONDENSATE DRAIN PIPE SIZING

HVAC EQUIPMENT CAPACITY	MINIMUM CONDENSATE PIPE DIAMETER
UP TO 20 TONS OF REFRIGERATION	1"
OVER 21 TONS TO 40 TONS OF REFRIGERATION	1-1/4"
OVER 41 TONS TO 60 TONS OF REFRIGERATION	1-1/2"
OVER 61 TONS TO 100 TONS OF REFRIGERATION	2"
OVER 101 TONS TO 250 TONS OF REFRIGERATION	3"
OVER 251 TONS & LARGER OF REFRIGERATION	4"

Digitally signed by Bradly L Brown P.E.
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ISSUED FOR PERMIT	10-06-20
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KAMM CONSULTING PROJECT #	JOHN MAYR
PROJECT MANAGER:	2020-0480
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PRINCIPAL	10-06-20
Bradly L. Brown	Florida License #55823
	date
	signed



CONSULTANT:

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DRAWING TITLE:
**PHASE I
 SANITARY PLAN**

DRAWN JG
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 1960D

SHEET:
P2.1

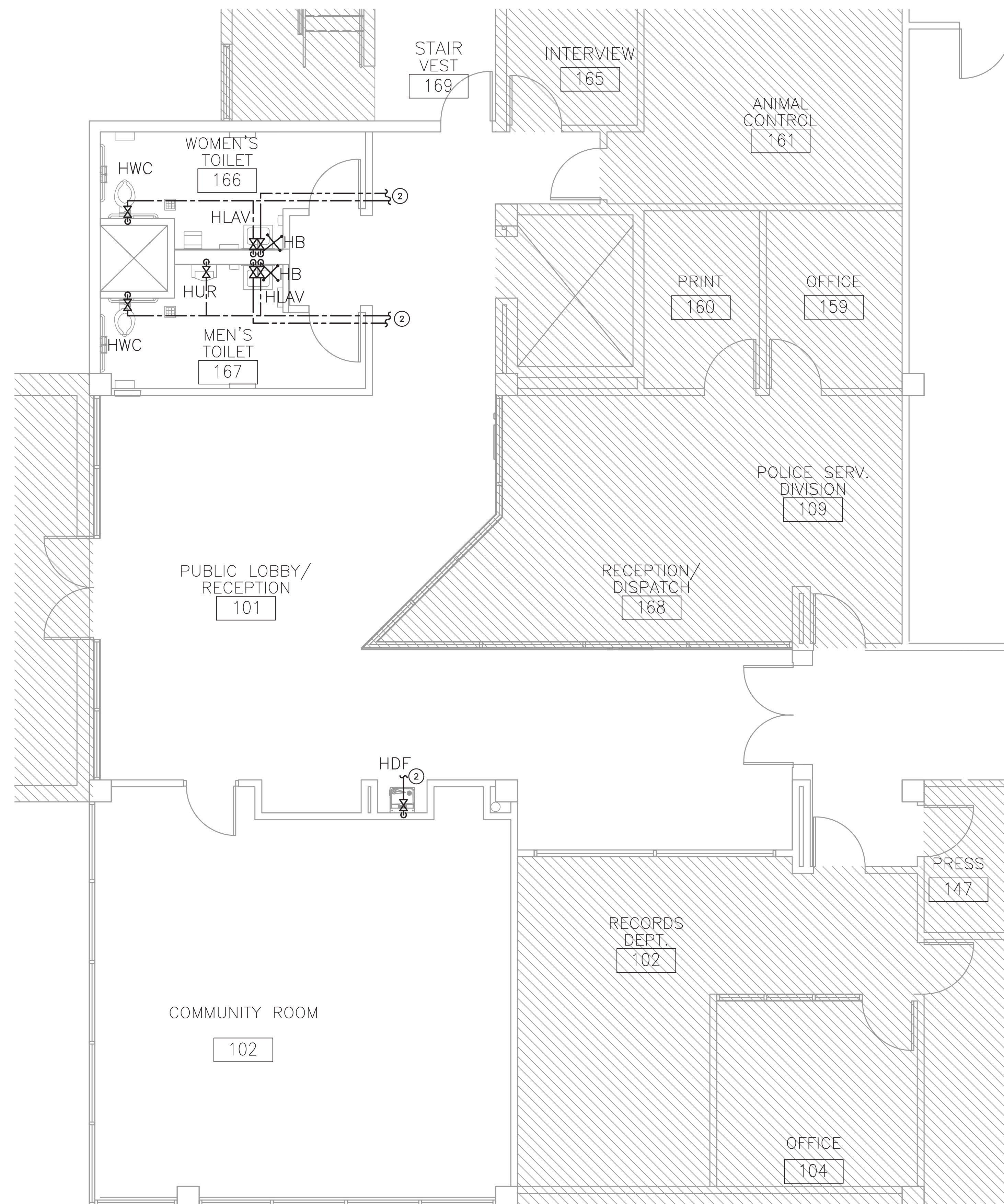
**PHASE 1
 SANITARY PLAN**
 1/4"=1'-0" NORTH

**Bradly L
 Brown
 P.E.**

Digitally signed by Bradly L Brown P.E.
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 o=Kamm Consulting Inc.,
 ou=FL# 58232,
 email=jmayr@kammconsultin
 g.com, c=US
 Date: 2020.10.06 15:10:09
 -04'00'

KEY NOTES	
①	EXISTING RESTROOMS TO REMAIN. FIXTURE ADA RECONFIGURATION ONLY.
②	TIE TO EXISTING SANITARY SYSTEM THIS AREA. FIELD VERIFY EXACT SIZE, LOCATION, & INVERT.

ISSUED FOR PERMIT	10-06-20
NOT FOR PRICING OR CONSTRUCTION	
KAMM CONSULTING PROJECT #	JOHN MAYR
PROJECT MANAGER:	2020-0480
	1408 Orange Avenue Fort Pierce, Florida 34950 Phone 772.595.1744 jbrown@kammconsulting.com Certification of Authorization #8189
PRINCIPAL	10-06-20
Bradly L. Brown	Florida License #58232
	date
	signed



PHASE 1
 DOMESTIC WATER PLAN

1/4"=1'-0" NORTH

PSL POLICE BLDG REMODEL
 PHASE I

CPZ ARCHITECTS, INC.



DRAWING TITLE:
 PHASE 1 DOMESTIC
 WATER PLAN

DRAWN JG
 CHECKED CPZ
 DATE 06.24.20
 SCALE AS NOTED
 PROJECT NO. 1960D
 SHEET:
P3.1

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 PHONE: (954) 792-8525 FAX: (954) 337-0359
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- KEY NOTES**
- EXISTING RESTROOMS TO REMAIN. FIXTURE ADA RECONFIGURATION ONLY.
 - TIE TO EXISTING DOMESTIC WATER LINES. FIELD VERIFY EXACT SIZE, LOCATION, & CONNECTION POINT PRIOR TO ROUGH-IN.
 - PROVIDE NEW HOSE BIBB BELOW SINK FOR JANITORIAL PURPOSES.

Bradly L Brown P.E.
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