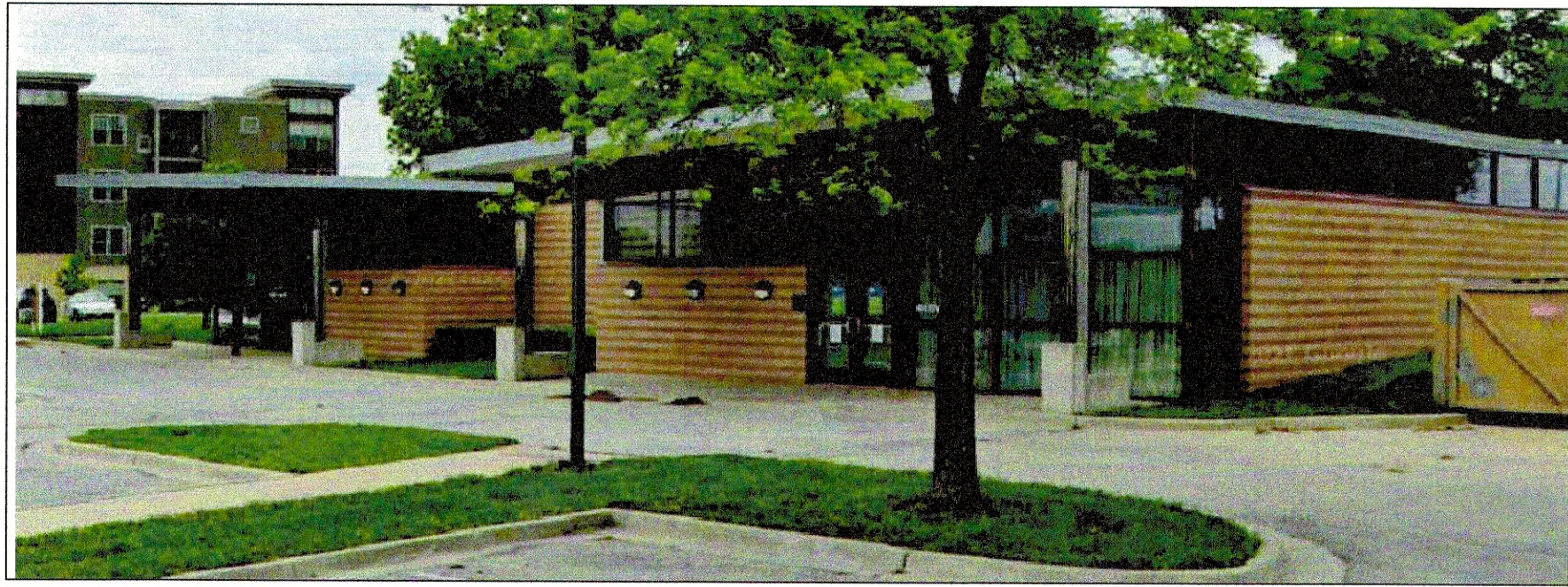


Drawing Name: F:\2021\2021027 - Jayger - KCUC Lee's Summit\Production\04 - Construction Documents\2021027 G-001 KCUC LEE'S SUMMIT COVER 36x24.dwg Last Modified: Oct 13, 2021 - 9:51am Plotted on: Oct 13, 2021 - 9:51am by mwinslow

INTERIOR REMODEL

LEE'S SUMMIT KCUC
UROLOGY & ONCOLOGY



451 NW MURRAY ROAD
LEE'S SUMMIT, MISSOURI 64081
JACKSON COUNTY

ARCHITECTURAL DRAWING LEGEND

DETAIL NO. ##	ELEVATION BUBBLE	#	WINDOW TYPE. RE: A700	##	CEILING HEIGHT. RE: A-201
SHEET NO. ##		###	ROOM NUMBER	100.0'	ELEVATION DATUM
DETAIL NO. ##	DETAIL REFERENCE BUBBLE	#	SHEET NOTE	#	WALL TYPE. RE: A-1.0
SHEET NO. ##				#	DOOR NUMBER
#	REVISION NUMBER				

ARCHITECTURAL DRAWING ABBREVIATIONS

A/C AB AC ACT AFF	AIR CONDITIONING ANCHOR BOLT ACOUSTICAL ABOVE FINISHED FLOOR	EA EJ ELEC EL EMERG ENCL ENT EP EQ EQUIP EW EXH EXP EXT	EACH EXPANSION JOINT ELECTRIC/ELECTRICAL ELEVATION EMERGENCY ENCLOSURE ENTRANCE ELECTRICAL PANEL EQUAL EQUIPMENT EACH WAY EXHAUST EXPANSION EXTERIOR	JB JST JT	JUNCTION BOX JOIST JOINT	REQ RM RO ROW RTU RV	REQUIRED ROOM ROUGH OPENING RIGHT OF WAY ROOF TOP UNIT ROOF VENT
AGG ALT ALUM ANOD APPROX ARCH ASPH AVG	AGGREGATE ALTERNATE ALUMINUM ANODIZED APPROXIMATELY ARCHITECTURAL ASPHALT AVERAGE	FD FEN FFE	FLOOR DRAIN FOUNDATION FINISHED FLOOR ELEVATION FLOOR FLASH FLOURESCENT FLOOR FRAM FRP	L LAV LT LVL	LENGTH LAVATORY LIGHT LEVEL	SCHED SECT SE SHT SIM SPEC SPK SQ SST STD STL STRUC SUP SUSP	SCHEDULE SECTION SQUARE FEET SHEET SIMILAR SPECIFICATION SPEAKER SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL SUPPLY SUSPEND
BD B.F.F. BIT BKR BLDG BM BRG BTU	BOARD BELOW FINISHED FLOOR BITUMINIOUS BREAKER BUILDING BEAM BEARING BRITISH THERMAL UNIT	FLR FLASH FLOUR FOS FR FRM FRP	FLOOR DRAIN FOUNDATION FINISHED FLOOR ELEVATION FLOOR FLASH FLOURESCENT FLOOR FRAM FRP	MIN MISC MO NIC NOM NTS	MINIMUM MISCELLANEOUS MASONRY OPENING NOT IN CONTRACT NOMINAL NOT TO SCALE	TH TEMP THK THRES TYP	THERMOSTAT TEMPORARY THICK THRESHOLD TYPICAL
CCT CEM CFM C.J. CLG CLR CMU	CIRCUIT CEMENT CUBIC FEET/MINUTE CONTROL JOINT CEILING CLEAR CONCRETE MASONRY	FT FTG FUR	FOOT FOOTING FURRING	OA OC OD OFF OH OPN OPP HND	OVERALL ON CENTER OUTSIDE DIAMETER OFFICE OVERHEAD OPENING OPPOSITE HAND	UC UL	UNDERCUT UNDERWRITER LABORATORIES UNLESS NOTED OTHERWISE URINAL UTILITIES
CNDT CO COL CONC COND CONN CONST CONT CT CW	CNDT CEM CFM C.J. CLG CLR CMU	GAL GAL GEN GND GRD GWB GYP	GALLON GALVANIZED GENERAL GROUND GRADE GYPSUM WALL BOARD GYPSUM	P PLG PLYMD PNL PR PREFAB PSF PSI PT PVC QT	POLE PLUMBING PLYWOOD PANEL PAIR PRE-FABRICATED POUNDS/SQUARE FOOT PAINT POLYVINYL CHLORIDE QUARRY TILE	UNO	UNLESS NOTED OTHERWISE URINAL UTILITIES
DBL DEPT DIA DIM DISC DN DR DS DTL	DOUBLE DEPARTMENT DIAMETER DIMENSION DISCONNECT DOWN DOOR DOWNSPOUT DETAIL	HDW HGT HGT HTR HW	HEADER HORIZONTAL HORSE POWER HOUR HTG HEATER HOT WATER	R RSR R/A RCP RD REF REG REIN	RADIUS RISER RETURN AIR RECEPTACLE ROOF DRAIN RECESSED REFERENCE REGISTER REINFORCING	W WC WD WDW WH WP WRB WSCOT WT WWF YD	WTH WATER CLOSET WOOD WINDOW WATER HEATER WATER PROOFING WEATHER RESISTANT BARRIER WAINSCOT WEIGHT WELDED WIRE FABRIC YARD

PROJECT TEAM

ARCHITECTURE

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OWNER

KCUC

KCUC

PME

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GPG@AECONSORT.COM

DRAWING INDEX

G-001 COVER SHEET
G-101 CODE REVIEW

ARCHITECTURAL

AD-101 DEMOLITION PLAN
A-101 FIRST FLOOR PLAN
A-102 ENLARGED FLOOR PLANS
A-401 INTERIOR ELEVATIONS
A-402 INTERIOR ELEVATIONS
A-403 INTERIOR ELEVATIONS
A-404 INTERIOR ELEVATIONS
A-601 DOORS, DOOR SCHEDULES AND DETAILS
A-602 FINISH SCHEDULES

PME

MP-300 MECHANICAL PLUMBING DETAILS

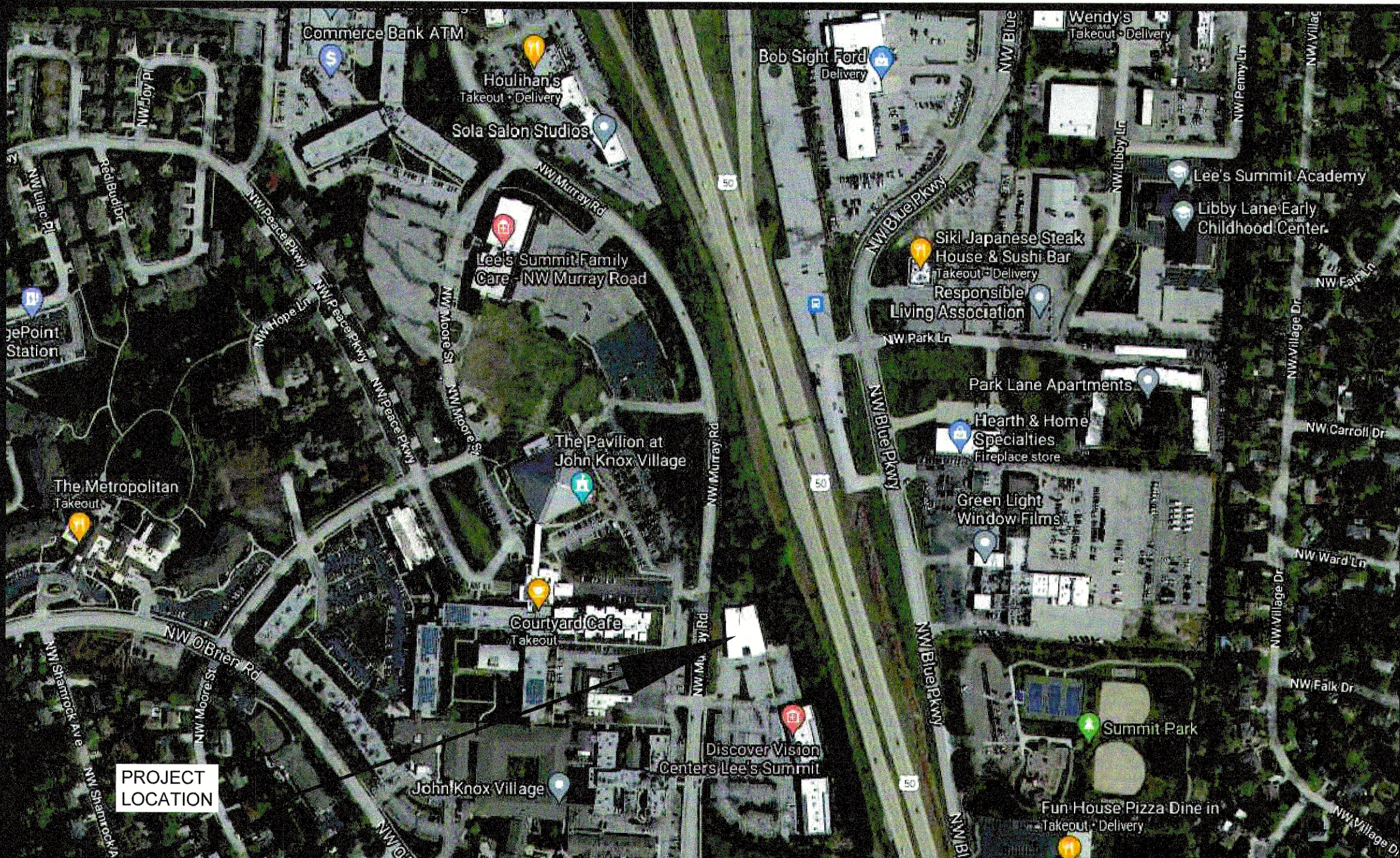
P-100 PLUMBING PLAN

M-100 MECHANICAL FLOOR PLAN

E-100 POWER FLOOR PLAN
E-101 LIGHTING FLOOR PLAN
E-300 ELECTRICAL SCHEDULE AND NOTES

PROJECT ISSUANCE

ISSUED FOR:	DATE ISSUED:
<input checked="" type="checkbox"/> PERMIT REVIEW	Oct. 13, 2021
<input checked="" type="checkbox"/> CITY REVISIONS	Oct. 20, 2021
<input checked="" type="checkbox"/> CITY REVISIONS	Oct. 28, 2021
<input type="checkbox"/> CONSTRUCTION	



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COVER SHEET

SHEET NUMBER

G-001

A technical drawing of a mechanical assembly, likely a piston and crank mechanism. The drawing shows a cross-section of the assembly. Callout 2 points to the outer housing or cylinder wall. Callout 3 points to the piston head. Callout 4 points to the piston rod. Callout 5 points to the crankshaft.

-

- *Bearing the UL Classification Marking.

ELEMENT	PERMITTED	PROPOSED
STRUCTURAL FRAME	0	
BEARING WALLS		
EXTERIOR	0	
INTERIOR	0	
NONBEARING EXT. WALLS	SEE TABLE 602	--
NONBEARING INT. WALLS	0	0
FLOOR CONSTRUCTION	0	0
ROOF CONSTRUCTION	0	0

FIRE RATING REQUIREMENTS FOR EXTERIOR WALLS BASE ON FIRE SEPARATION DISTANCE PER IBC TABLE 602				
ELEMENT	PERMITTED		PROPOSED	
EXT. WALL OPENINGS	WALL RATING IBC 602	% OPEN IBC TABLE 705.8	WALL RATING	% OPEN
EXT. BEARING WALLS				
NORTH SIDE (>30" TO PL)	0 HR	NL	0 HR	NL
SOUTH SIDE (>30" TO PL)	0 HR	NL	0 HR	NL
EAST SIDE (>30" TO PL)	0 HR	NL	0 HR	NL
WEST SIDE (>30" TO PL)	0 HR	NL	0 HR	NL
NC = NON-COMBUSTIBLE				
NL = NO LIMIT				

TOTAL OCCUPANCY SPACE A (41) + SPACE B (50) = 91 PERSONS

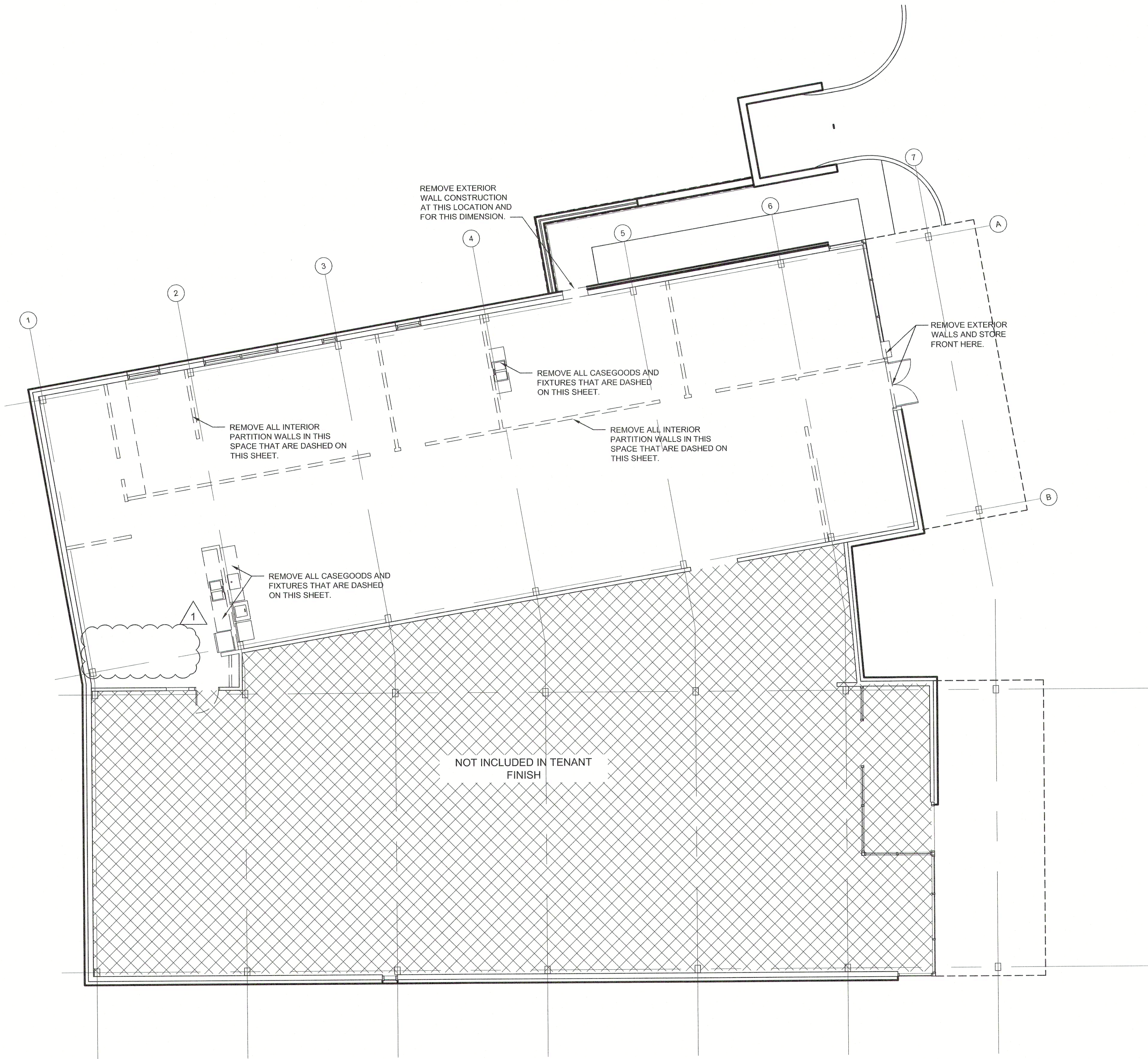
[OTHER COMPONENTS] $91 \times 0.2 = 18.2$

DESCRIPTION	NON SPRINKLERED PERMITTED	NON SPRINKLERED MULTI-STORY	FULLY SPRINKLERED	PROPOSED
STORIES / BUILDING HEIGHTS:	1 STORY/55 FEET	3 STORIES/55 FEET	4 STORIES / 75 FEET	1 STORY /18 FEET
FLOOR AREA:	23,000 S.F.	NOT ALLOWED	92,000 S.F. SINGLE /69,000 S.F. MULTI	4,347 S.F.

Aa (Allowable building area per story in S.F.)
At (Tabular Area per Table 506.2) = 9,500 S.F.
Ns = (Tabular Area Factor in Accordance with Table 506.2 for Non-sprinklered Building
If (Area Increase due to Frontage (IBC 506.2) = 0
Sa Actual Number of Stories Above Grade - Not to Exceed 3

$$(23,000 \text{ S.F.} + (23,000 \times 0)) \times 3 = 18,000 \text{ Sq. Ft. per floor}$$


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GENERAL DEMOLITION NOTES

1. SELECTIVE DEMOLITION TO BE PERFORMED CAREFULLY AND IN A MANNER TO PROTECT ADJACENT FINISHES TO BE PRESERVED.
2. COORDINATE ALL DEMOLITION/PHASING EFFORTS WITH THE ARCHITECT & OWNER'S REPRESENTATIVE PRIOR TO COMMENCING THE WORK.
3. COORDINATE ALL EXCESSIVE NOISE, VIBRATION & PRE-APPROVED SERVICE DISRUPTION WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING THE WORK.
4. CONSTRUCT & MAINTAIN TEMPORARY PARTITIONS AS REQUIRED TO ISOLATE DEMOLITION WORK FROM GENERAL PUBLIC & TENANTS AS DEMAED NECESSARY FROM OWNER'S REPRESENTATIVE.
5. COORDINATE WITH OWNER'S REPRESENTATIVE TO MAINTAIN THE MEANS OF EGRESS & BUILDING SECURITY (IF APPLICABLE) DURING DEMOLITION/CONSTRUCTION WORK.
6. MAINTAIN SECURE, WEATHER-TIGHT ENCLOSURE WHERE WORK IS TO OCCUR ON THE EXTERIOR OF THE BUILDING (IF APPLICABLE) AS COORDINATED WITH OWNER'S REPRESENTATIVE.
7. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS AND NOTIFY ARCHITECT/ENGINEER WITH ANY DISCREPANCIES PRIOR TO COMMENCING DEMOLITION WORK.
8. REMOVE ALL DEMOLITION MATERIALS IN THEIR ENTIRETY FROM THE JOBSITE & LEGALLY DISPOSE OF MATERIALS UNLESS NOTED OTHERWISE. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
9. PROVIDE PROTECTION FOR ALL EXISTING MATERIALS & EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION WORK. REPAIR OR REPLACE ANY WALLS, FLOORS, CEILINGS, EQUIPMENT, ETC. DAMAGED DURING DEMOLITION WORK.
10. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT & OWNER'S REPRESENTATIVE ANY MATERIALS TO BE REUSED & WILL BE RESPONSIBLE FOR VERIFYING & MAINTAINING THE FUNCTIONAL & AESTHETIC INTEGRITY OF THE MATERIALS FOR REUSE.
11. REMOVE ELECTRICAL COMPONENTS SHOWN FOR DEMOLITION TO THE NEAREST J-BOX AND CAP OFF BEHIND FINISHED CONSTRUCTION AS REQUIRED.
12. REMOVE MECHANICAL COMPONENTS SHOWN FOR DEMOLITION AND CAP OFF BEHIND FINISHED CONSTRUCTION AS REQUIRED. PATCH, REPAIR & FINISH ADJACENT FINISHES AS REQUIRED.
13. REFER TO MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS, NOTES & SPECIFICATIONS FOR FURTHER SEQUENCING & SCOPE OF WORK.
14. THE DEMOLITION PLAN IS PROVIDED TO DEFINE THE GENERAL SCOPE OF WORK. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK NECESSARY TO PERFORM NEW CONSTRUCTION WORK REQUIREMENTS.
15. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR ANY DEMOLITION WORK TO STRUCTURAL ELEMENTS. CONTRACTOR TO VERIFY EXISTING CONDITIONS TO INSURE NO DEMOLITION WILL ENDANGER STRUCTURAL INTEGRITY OF BUILDING. PROVIDE THE NECESSARY SHORING OF STRUCTURE AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF BUILDING.
16. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION COMPLY WITH APPLICABLE REGULATIONS, LAWS & ORDINANCES CONCERNING REMOVAL, HANDLING & PROTECTION AGAINST EXPOSURE OF ENVIRONMENTAL POLLUTION.

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



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ARCHITECTURAL PROJECT NUMBER
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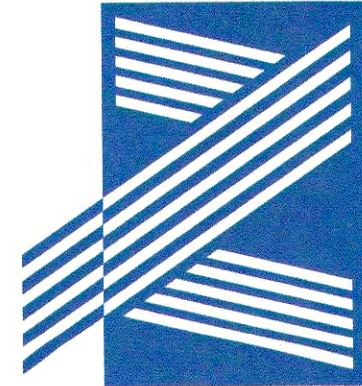
DEMOLITION
FLOOR
PLAN

SHEET NUMBER

AD-101

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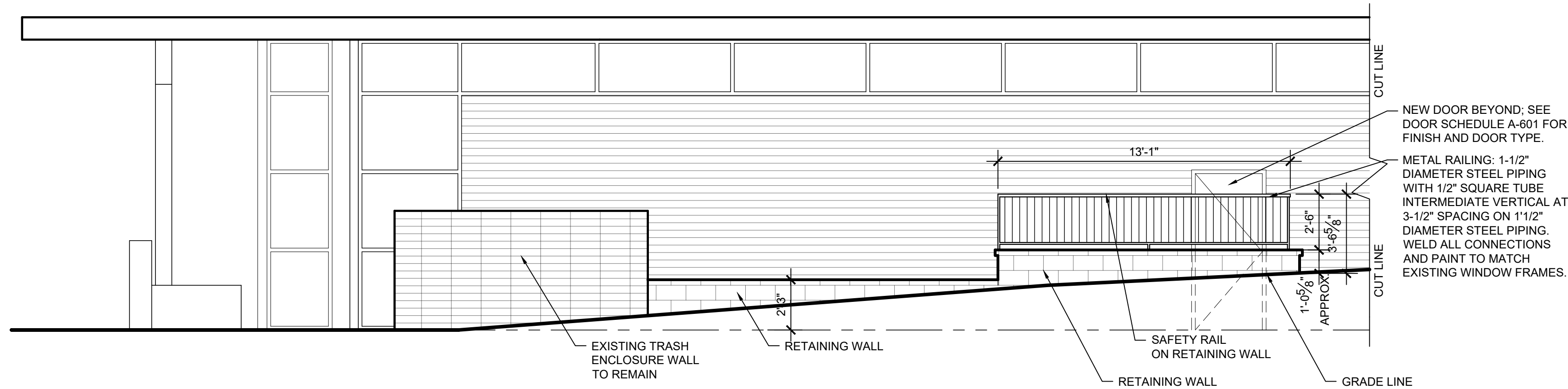


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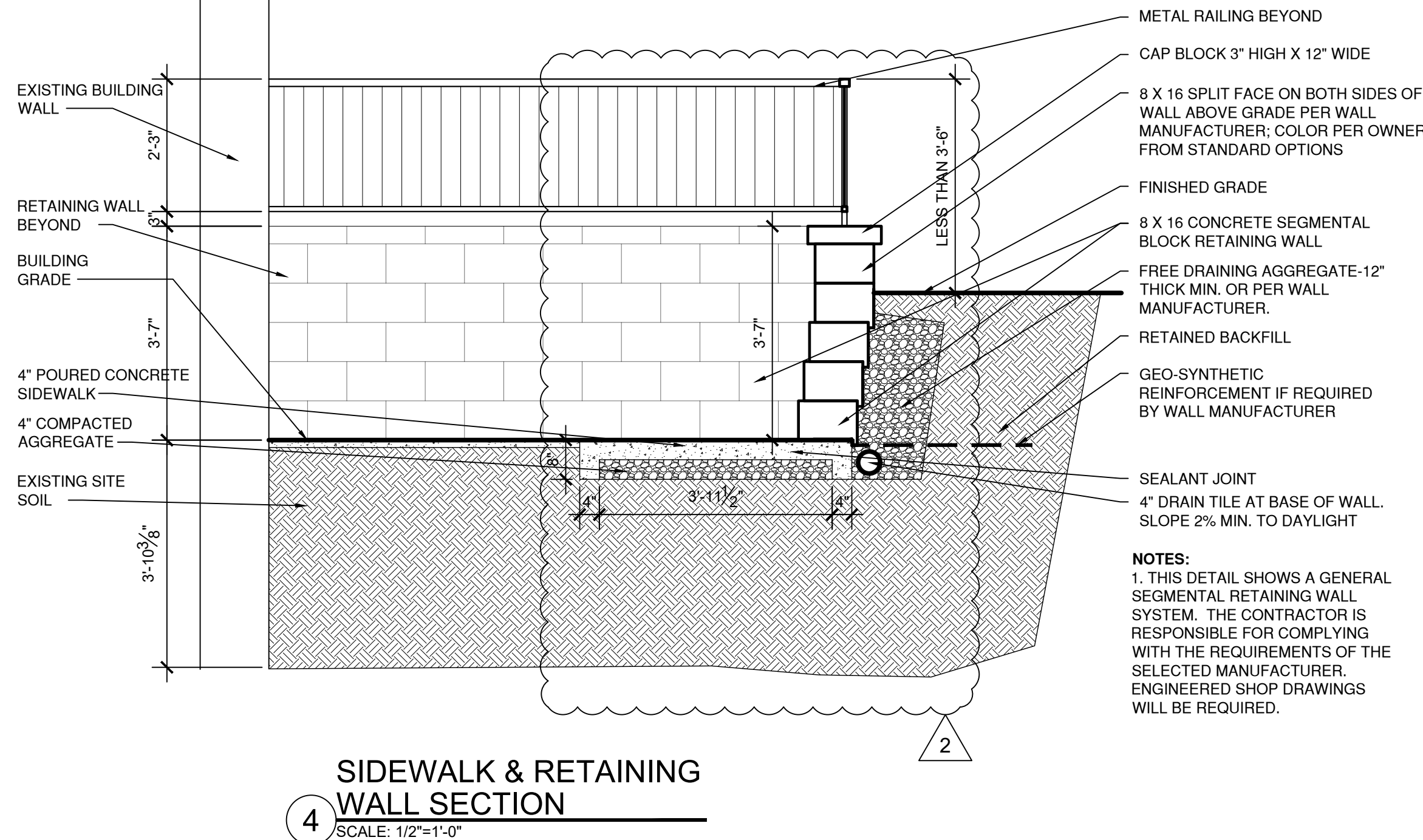
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GENERAL CONSTRUCTION NOTES

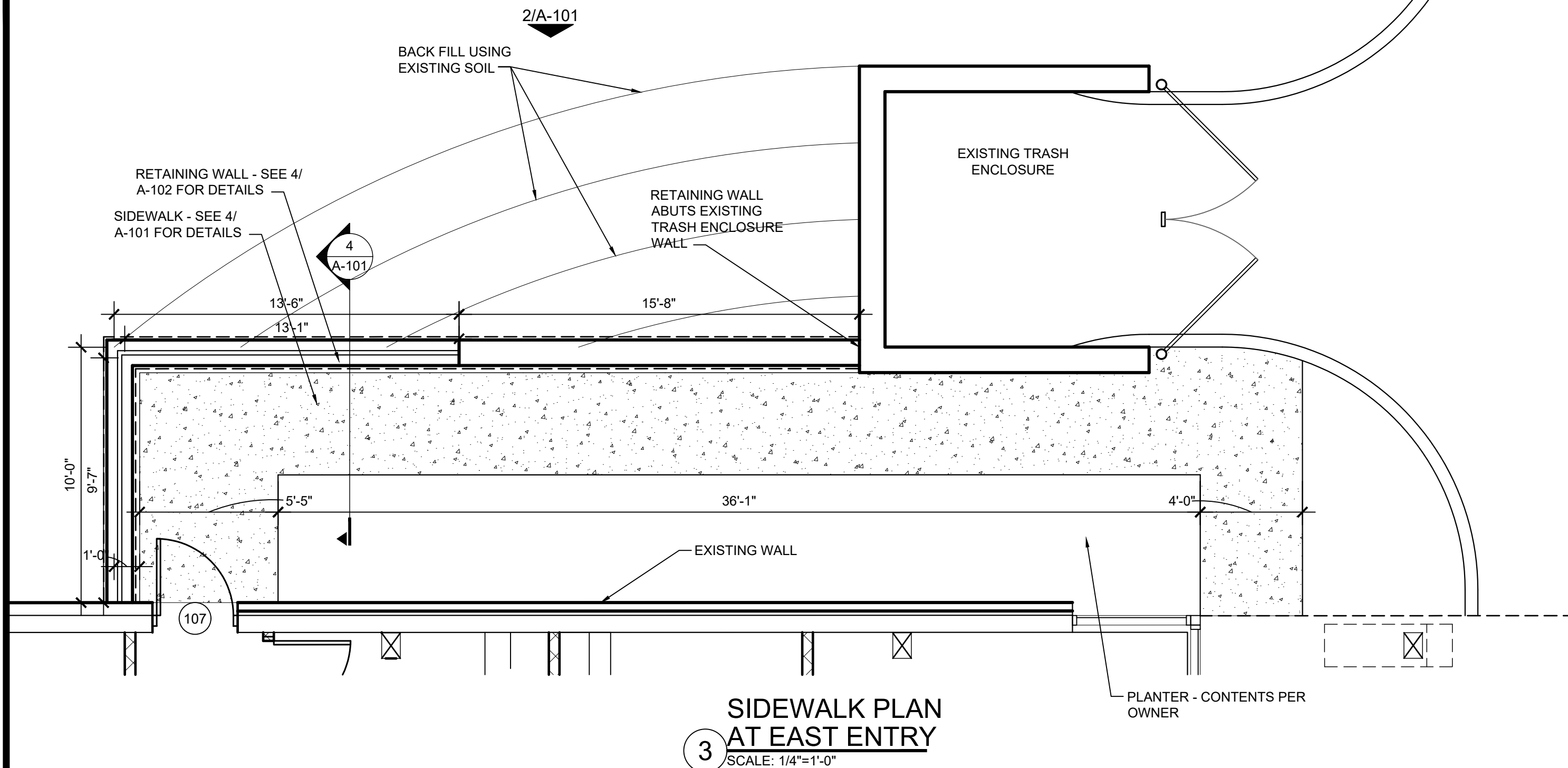
1. ALL NEW WORK TO BE PERFORMED AS SHOWN ON FLOOR PLAN.
2. OWNER TO SELECT FINISHES FROM STANDARD LINES AS PROVIDED AND INSTALLED BY CONTRACTOR.
3. WHERE EXISTING SURFACES ARE DISTURBED, THE CONTRACTOR SHALL PATCH AND MATCH TO ADJOINING EXISTING SURFACES THAT REMAIN DURING CONSTRUCTION.
4. DO NOT SCALE DRAWINGS.
5. ALL DIMENSIONS GIVEN ARE FROM EXISTING FINISH TO GYPSUM WALL BOARD AT NEW WALLS, EDGE OF NEW EQUIPMENT OR CENTER LINE OF NEW EQUIPMENT.
6. THERE SHALL BE NO LEVEL CHANGES (STEPS) GREATER THAN 1/2" WITHIN AN ACCESSIBLE ROUTE.
7. THE GENERAL CONTRACTOR SHALL PERFORM HIGH QUALITY PROFESSIONAL WORK IN ACCORDANCE WITH ACCEPTED NATIONAL INDUSTRY STANDARDS. JOIN MATERIALS TO UNIFORM, ACCURATE FITS SO THEY MEET WITH NEAT, STRAIGHT LINES, FREE OF SMEARS AND OVERLAPS.
8. WORK OF EACH TRADE SHALL MEET ALL NATIONAL STANDARDS PUBLISHED BY THAT TRADE.
9. GENERAL CONTRACTOR SHALL COORDINATE THEIR WORK WITH THOSE OF OTHER TRADES.
10. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CURRENT BUILDING CODES AS ENFORCED BY THE LOCAL AUTHORITIES.
11. THE CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTING THESE UTILITIES DURING THE EXECUTION OF THE WORK.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGE CAUSED THROUGH OPERATIONS UNDER THIS PROJECT.
13. PROVIDE FIRE BLOCKING AND DRAFT STOPPING AS REQUIRED BY CODE.
14. THE CONTRACTOR SHALL PROTECT AND MAINTAIN THE INTEGRITY OF ALL FIRE RATED PARTITIONS AND ASSEMBLIES.



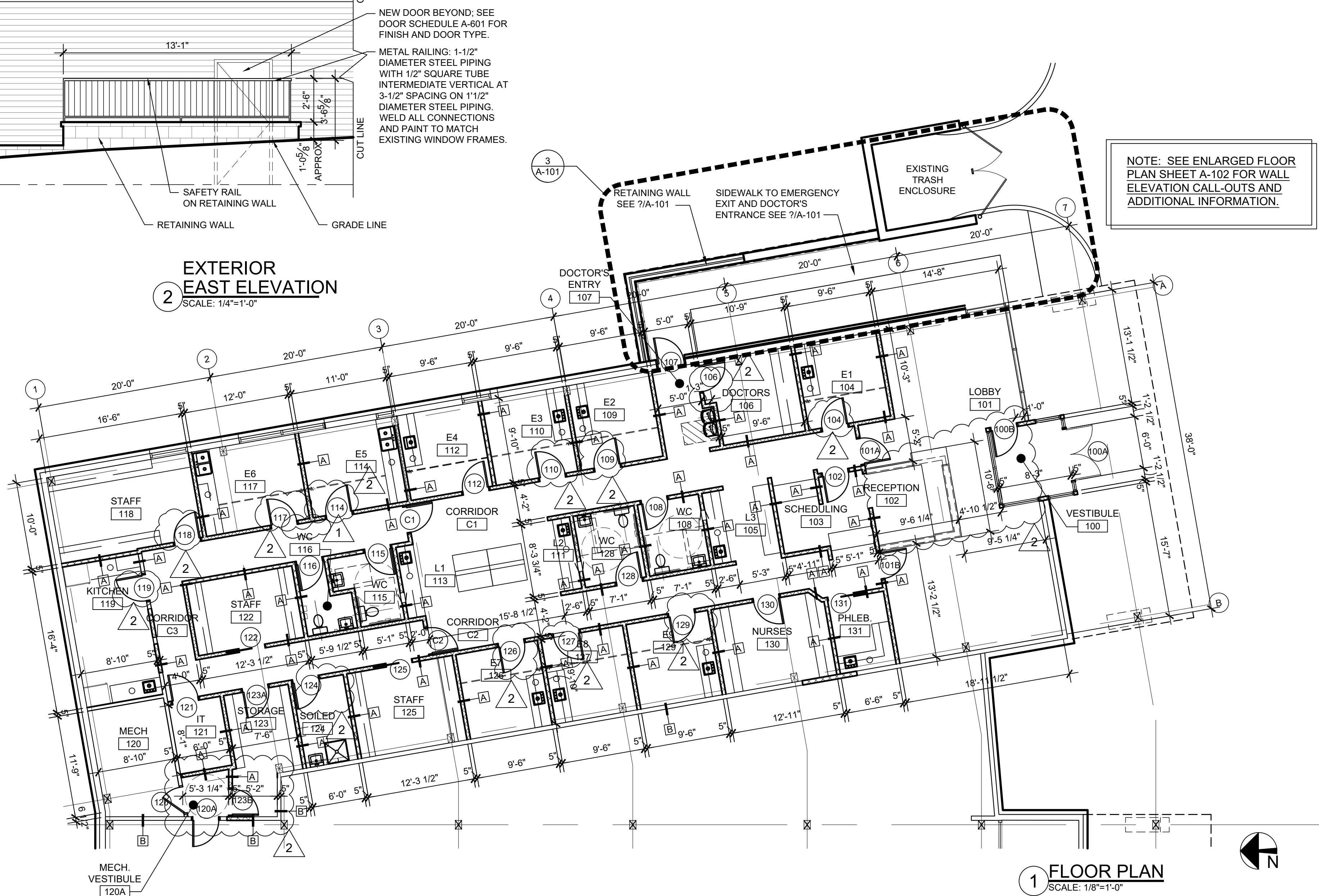
2 EXTERIOR EAST ELEVATION
SCALE: 1/4"=1'-0"



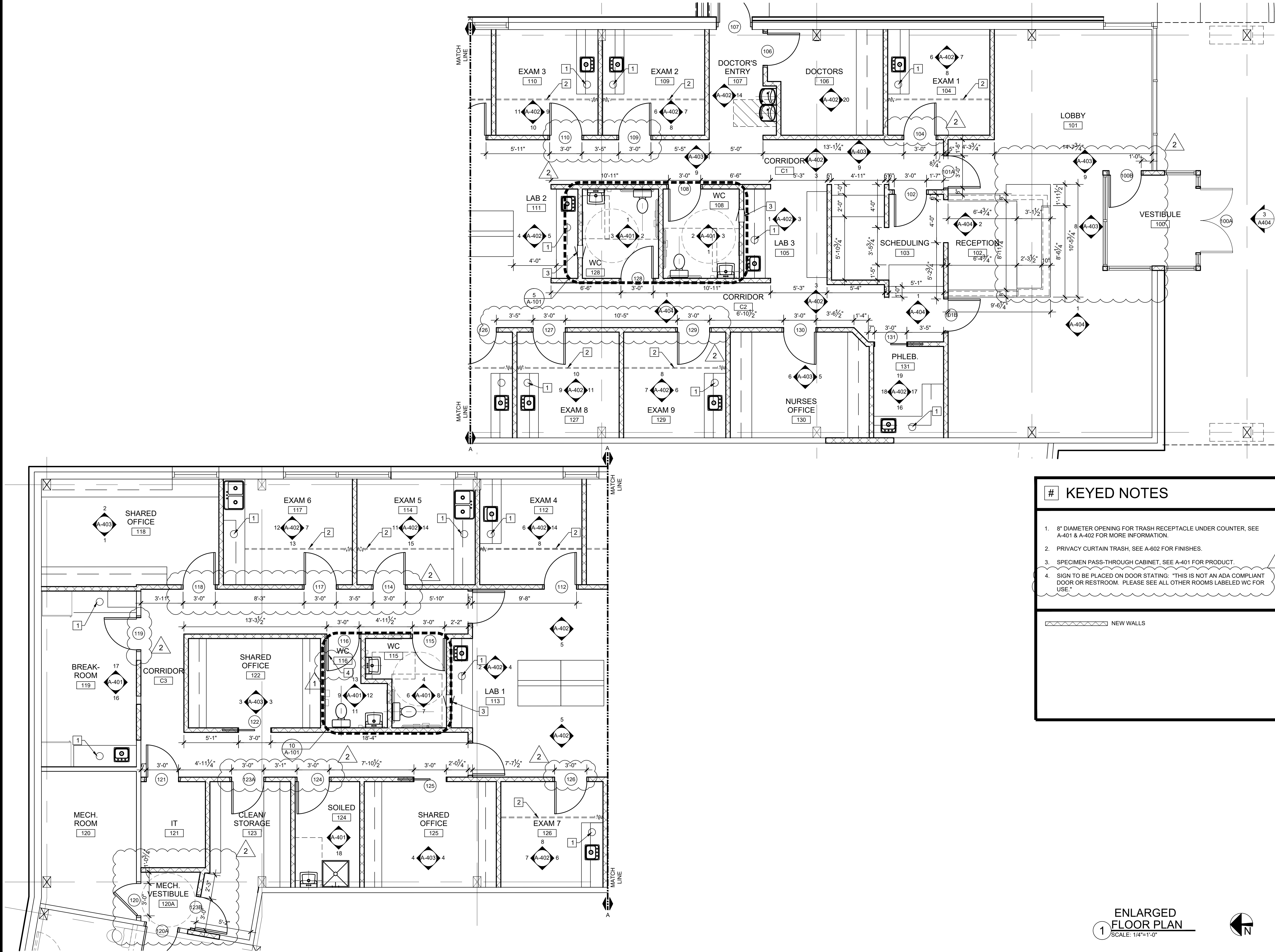
4 SIDEWALK & RETAINING WALL SECTION
SCALE: 1/2"=1'-0"



3 SIDEWALK PLAN AT EAST ENTRY
SCALE: 1/4"=1'-0"



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KEYED NOTES

- 8" DIAMETER OPENING FOR TRASH RECEPTACLE UNDER COUNTER, SEE A-401 & A-402 FOR MORE INFORMATION.
- PRIVACY CURTAIN TRASH, SEE A-602 FOR FINISHES.
- SPECIMEN PASS-THROUGH CABINET, SEE A-401 FOR PRODUCT.
- SIGN TO BE PLACED ON DOOR STATING: "THIS IS NOT AN ADA COMPLIANT DOOR OR RESTROOM. PLEASE SEE ALL OTHER ROOMS LABELED WC FOR USE."

NEW WALLS

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



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ENLARGED FLOOR PLANS	
SHEET NUMBER	A-102

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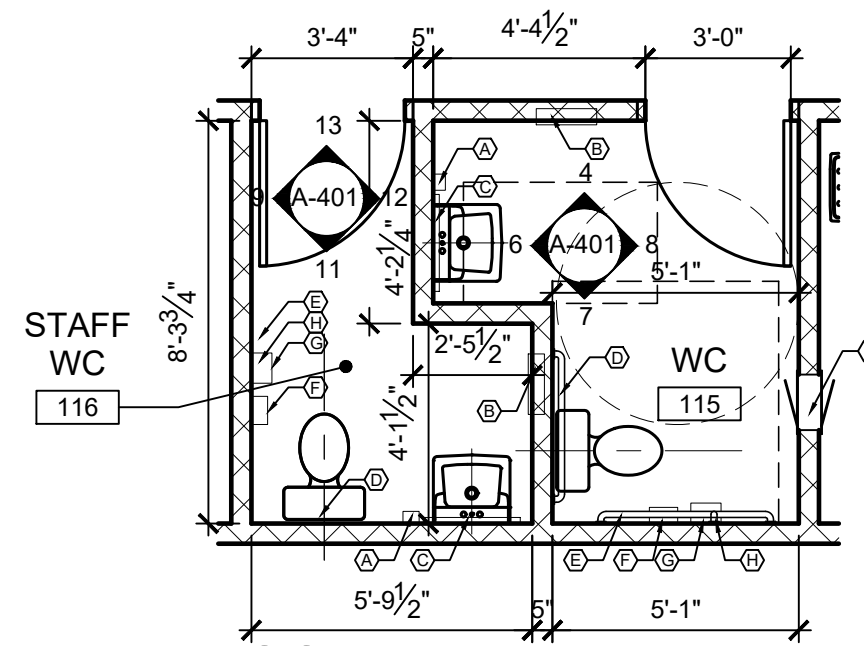
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RESTROOM GENERAL NOTES

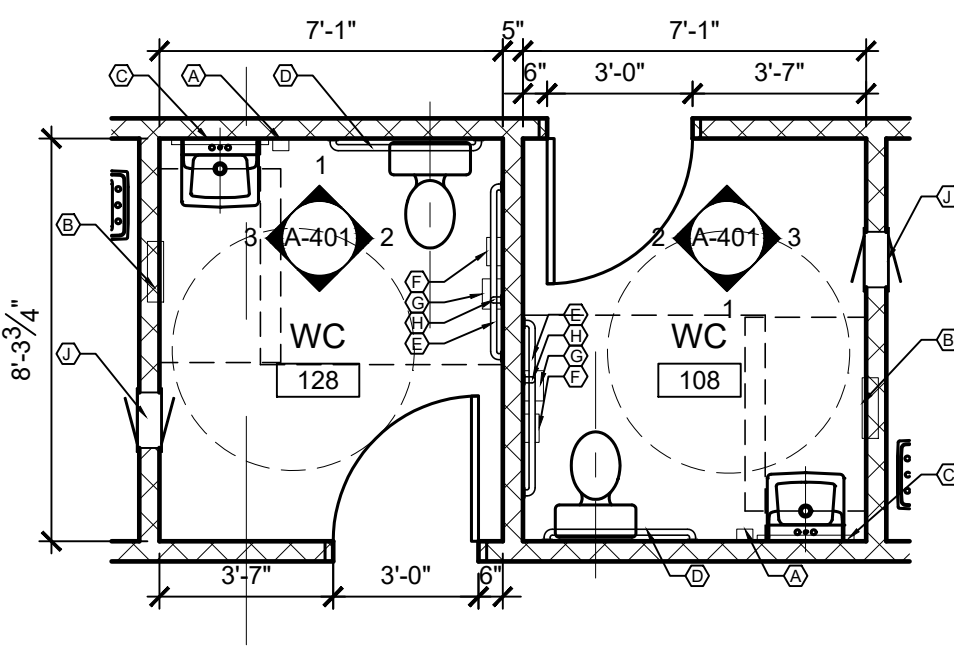
1. PROVIDE F.R. WOOD BLOCKING IN WALLS AT ALL LOCATIONS AS NEEDED FOR MOUNTING.
2. COUNTERTOPS & BACKSPLASH TO BE SELECTED BY OWNER
3. NOT USED
4. ALL WORK TO COMPLY WITH ALL APPLICABLE NATIONAL, STATE & LOCAL BUILDING CODES.
5. THIS PROJECT SHALL COMPLY IN ALL AREAS WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
6. PROVIDE 1-1/2" CLEARANCE BETWEEN GRAB BARS AND ADJACENT WALLS.
7. HOT WATER & DRAIN PIPING UNDER LAVATORIES SHALL BE INSULATED TO PROTECT AGAINST ANY CONTACT.
8. GRAB BARS & TOILET SEATS SHALL WITHSTAND A LOAD OF NOT LESS THAN 250 LBS. APPLIED AT ANY POINT.
9. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSION FOR THEIR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION QUESTIONS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN QUESTION OR ANY RELATED WORK.

NOTE: SEE A-602 FOR ABBREVIATIONS AND FINISH SCHEDULE

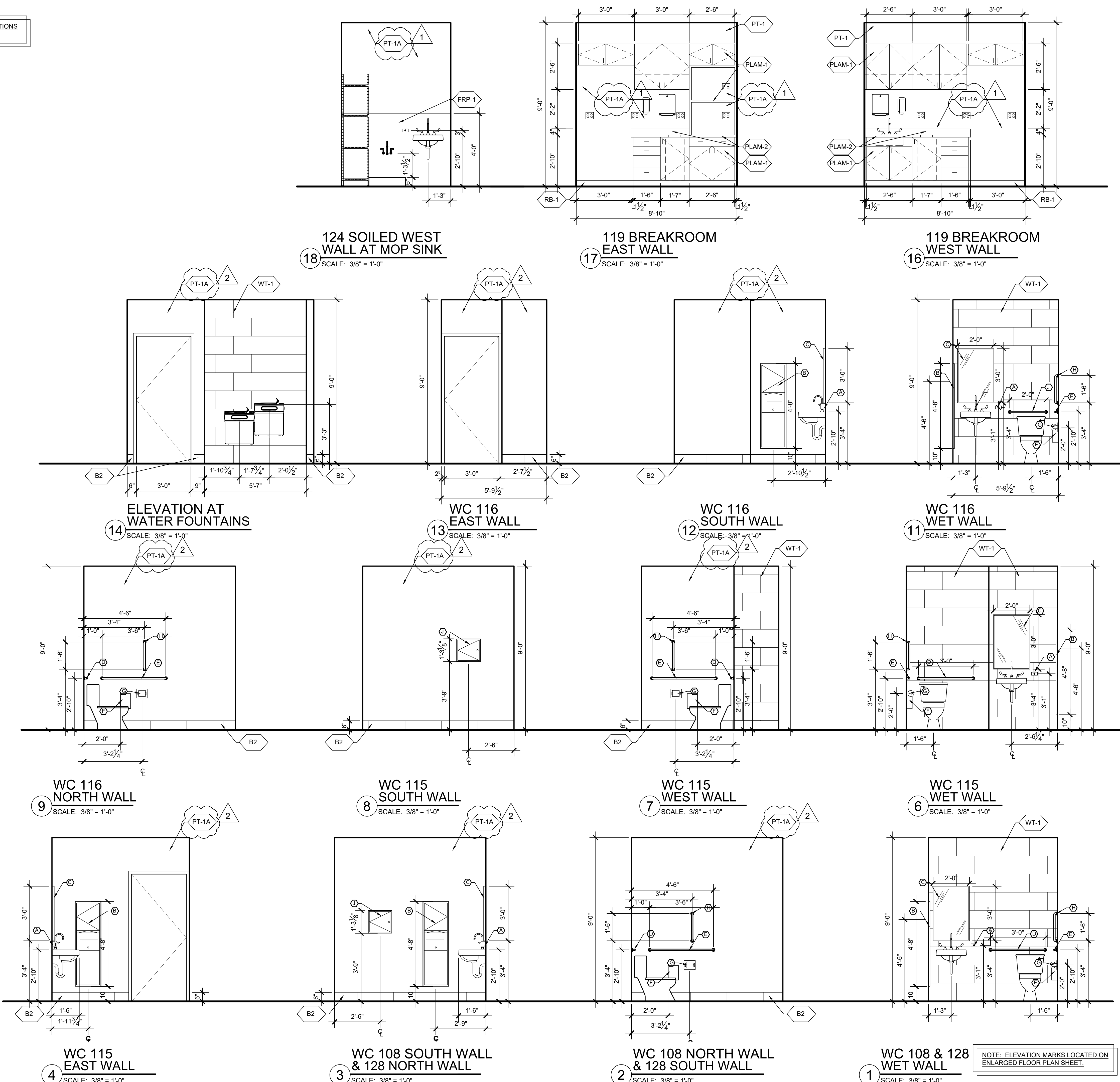
BOBRICK MODELS	
MODEL #	TOILET ACCESSORY SCHEDULE
B - 211	A SURFACE MOUNTED LIQUID SOAP DISPENSER.
B - 3942	B RECESSED PAPER TOWEL DISP. / RECEPTACLE.
B - 1652436	C 24" X 36" MIRROR.
B - 6806X36	D 1-1/2" DIAMETER X 36" LONG PEENED GRAB BAR.
B - 6806X42	E 1-1/2" DIAMETER X 42" LONG PEENED GRAB BAR.
B - 4354	F SURFACE MOUNTED SANITARY NAPKIN DISPOSAL.
B - 685	G SURFACE MOUNTED TOILET TISSUE DISPENSER.
B - 6806X18	H 1-1/2" DIAMETER X 18" LONG PEENED GRAB BAR.
B - 505	I RECESSED SPECIMEN PASS THROUGH CABINET



FLOOR PLAN WC 115 & 116
SCALE: 1/4" = 1'-0"



FLOOR PLAN WC 108 & 128
SCALE: 1/4" = 1'-0"



NOTE: ELEVATION MARKS LOCATED ON ENLARGED FLOOR PLAN SHEET.

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INTERIOR
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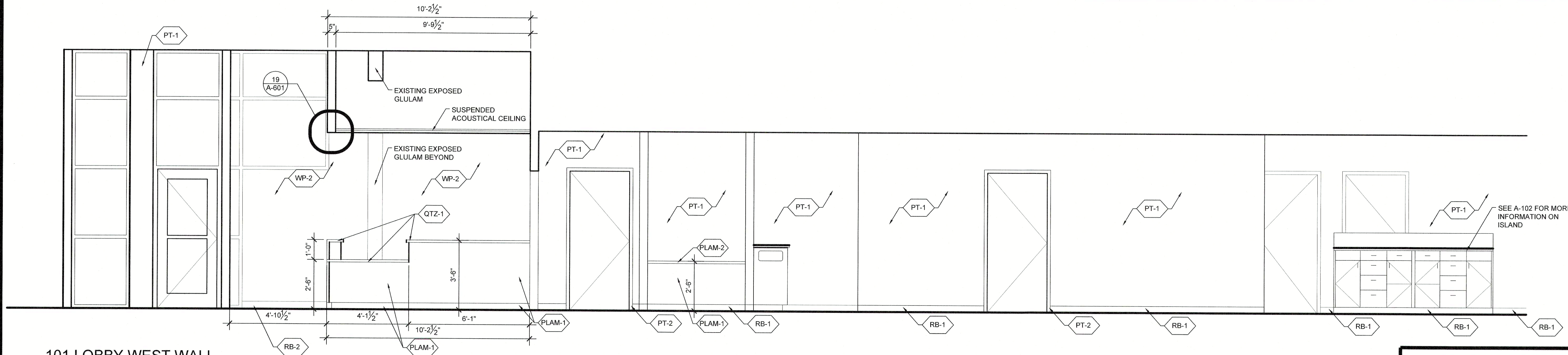
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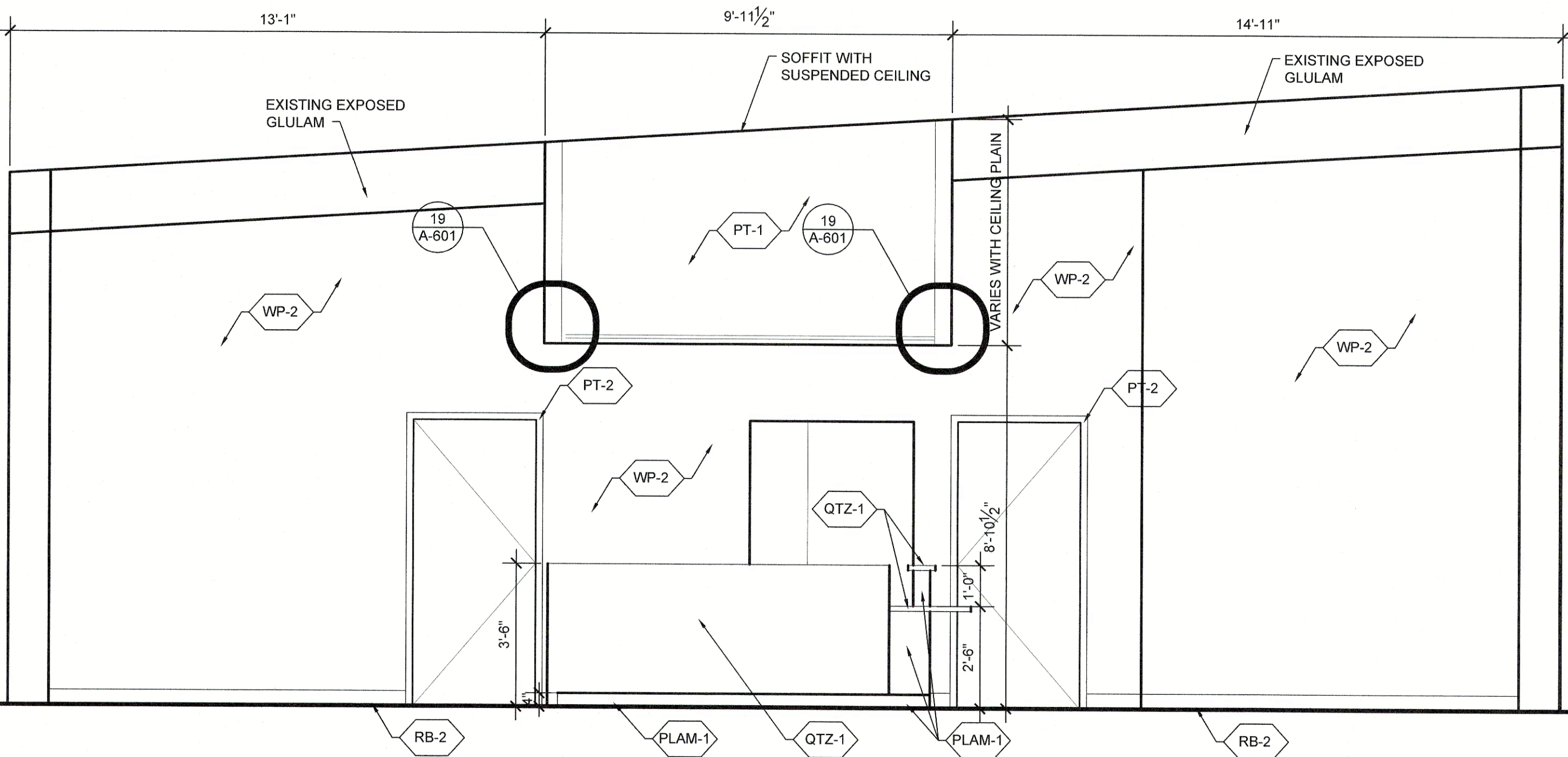
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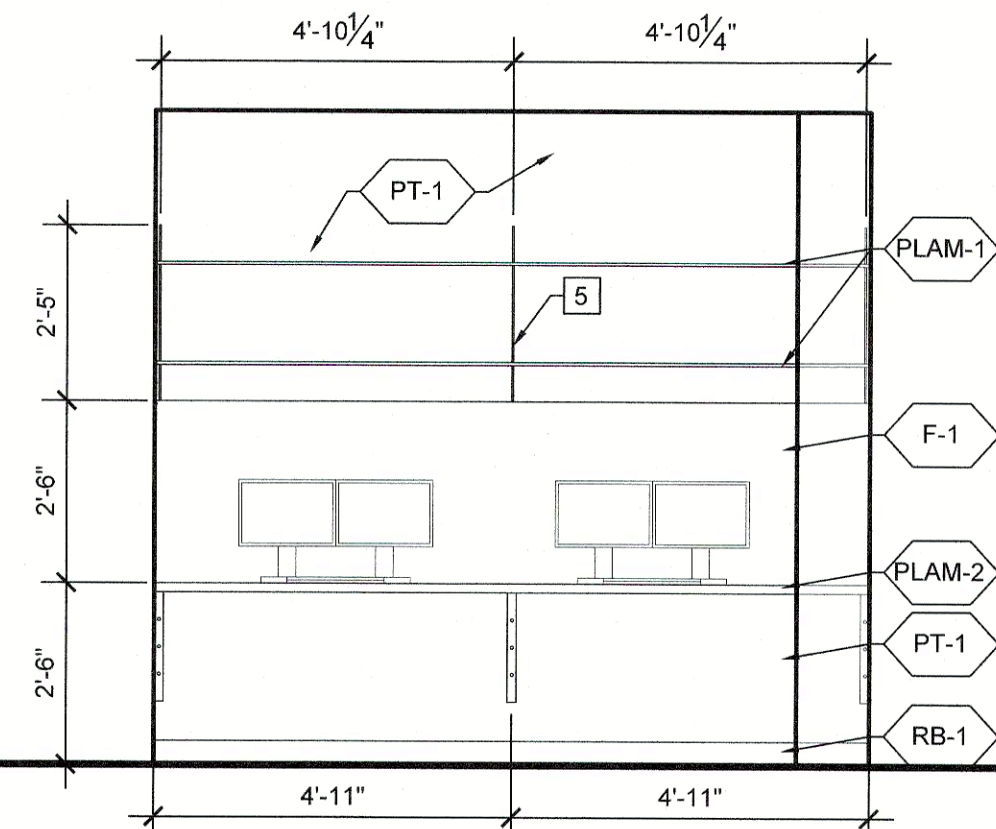
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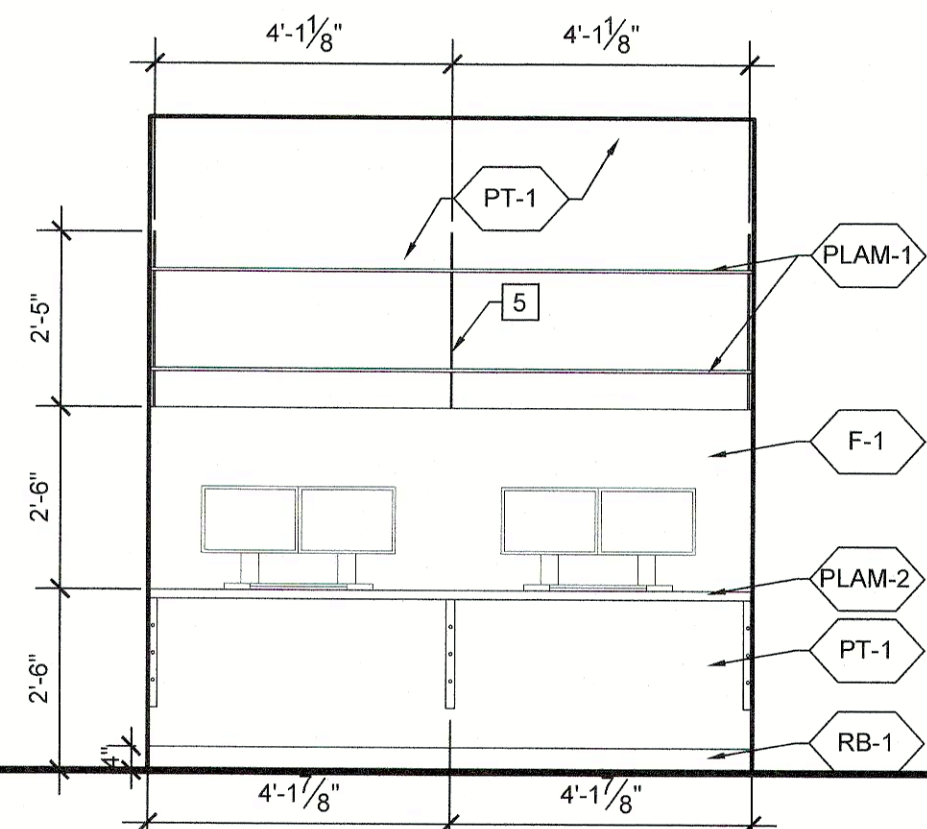
9 101 LOBBY WEST WALL WITH CORRIDOR 1
SCALE: 3/8" = 1'-0"



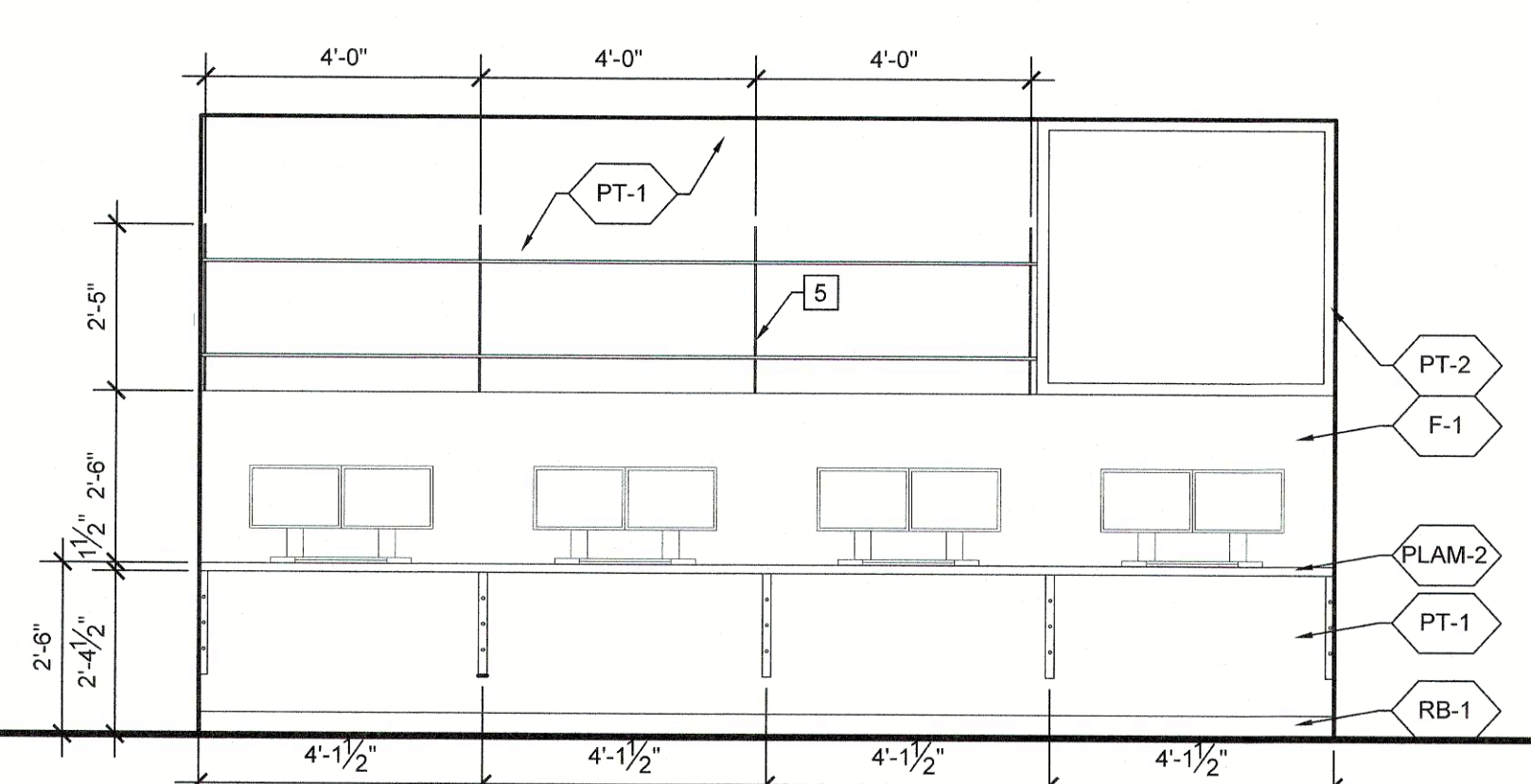
8 101 LOBBY AT FRONT 102 RECEPTION COUNTER
SCALE: 3/8" = 1'-0"



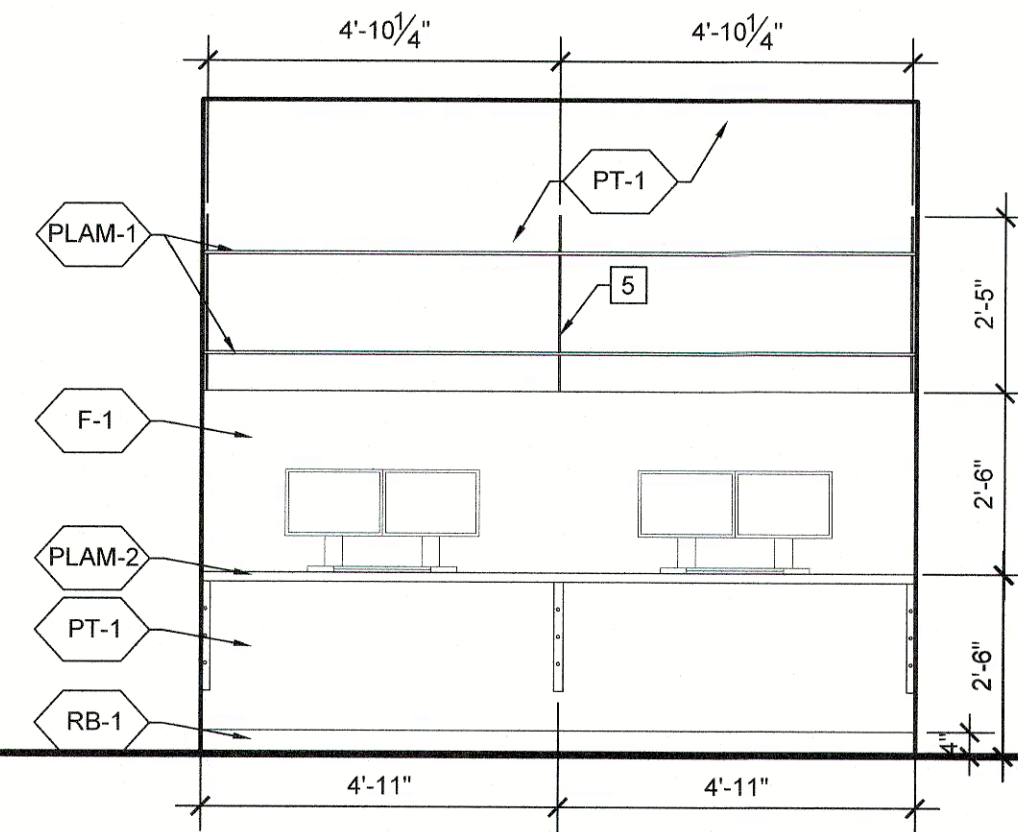
4 125 STAFF OFFICE NORTH & SOUTH WALLS
SCALE: 3/8" = 1'-0"



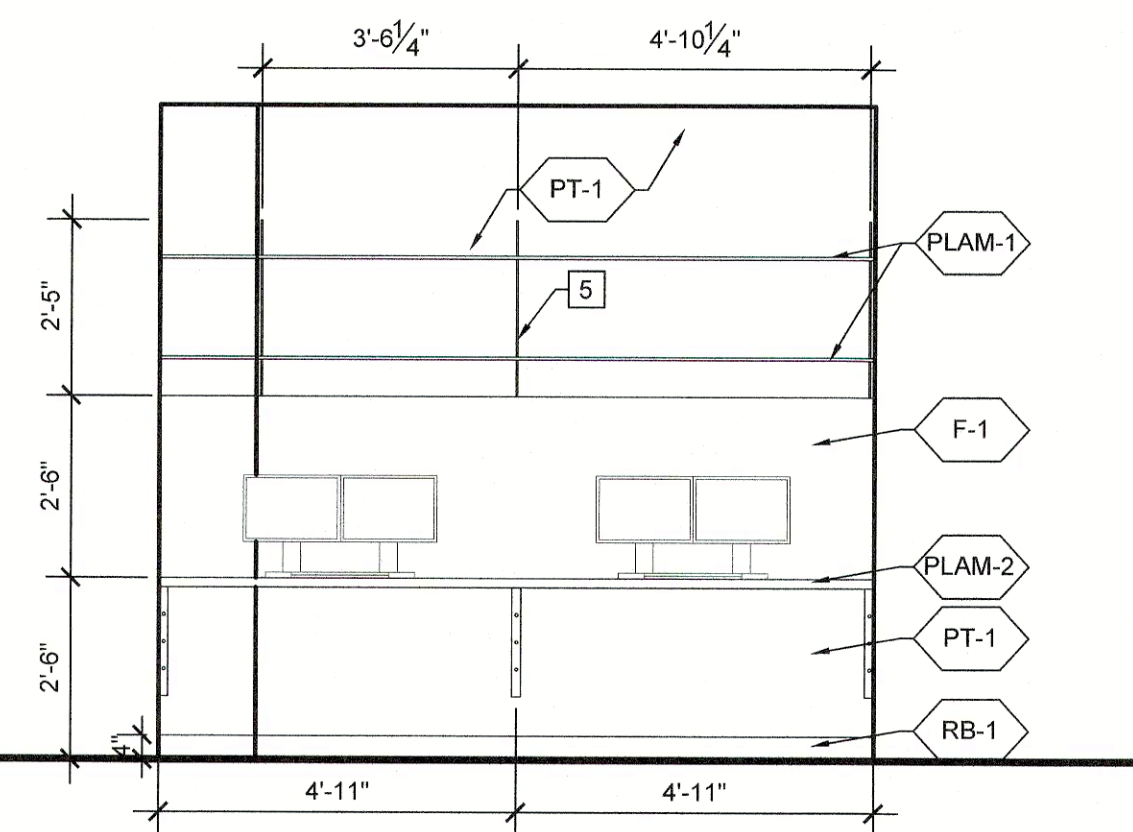
3 122 STAFF OFFICE NORTH & SOUTH WALLS
SCALE: 3/8" = 1'-0"



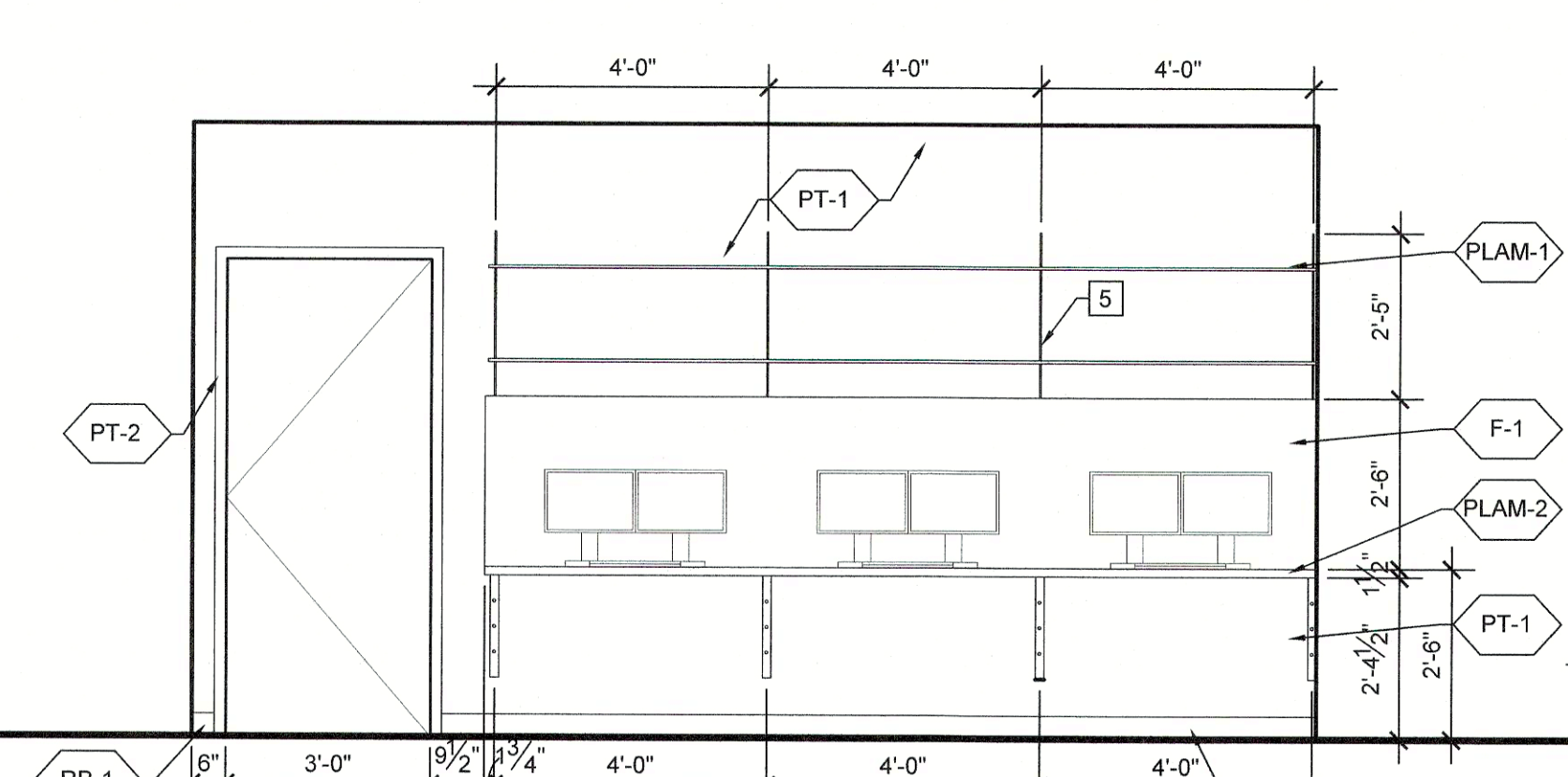
2 118 SHARED OFFICE EAST WALL
SCALE: 3/8" = 1'-0"



6 130 NURSES OFFICE NORTH WALL
SCALE: 3/8" = 1'-0"



5 130 NURSES OFFICE SOUTH WALL
SCALE: 3/8" = 1'-0"



1 118 SHARED OFFICE WEST WALL
SCALE: 3/8" = 1'-0"

GENERAL NOTES

1. SEE A-602 FOR ABBREVIATIONS AND FINISH SCHEDULE.
2. ELEVATIONS MARKS LOCATED ON ENLARGED FLOOR PLAN SHEET A-102.

KEYED NOTES

1. 8" DIAMETER OPENING FOR UNDER COUNTER TRASH RECEPTACLE.
2. PRIVACY CURTAIN, SEE A-602 FOR FINISHES.
3. SPECIMEN PASS-THROUGH CABINET, SEE A-401 FOR PRODUCT.
4. SIDE OPENING FOR TRASH RECEPTACLE.
5. SHELVING TRACK.



RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
10/13/2021



REMODEL
LEE'S SUMMIT
KCUC UROLOGY & ONCOLOGY
451 NW MURRAY ROAD
LEE'S SUMMIT, MISSOURI 64081
JACKSON COUNTY

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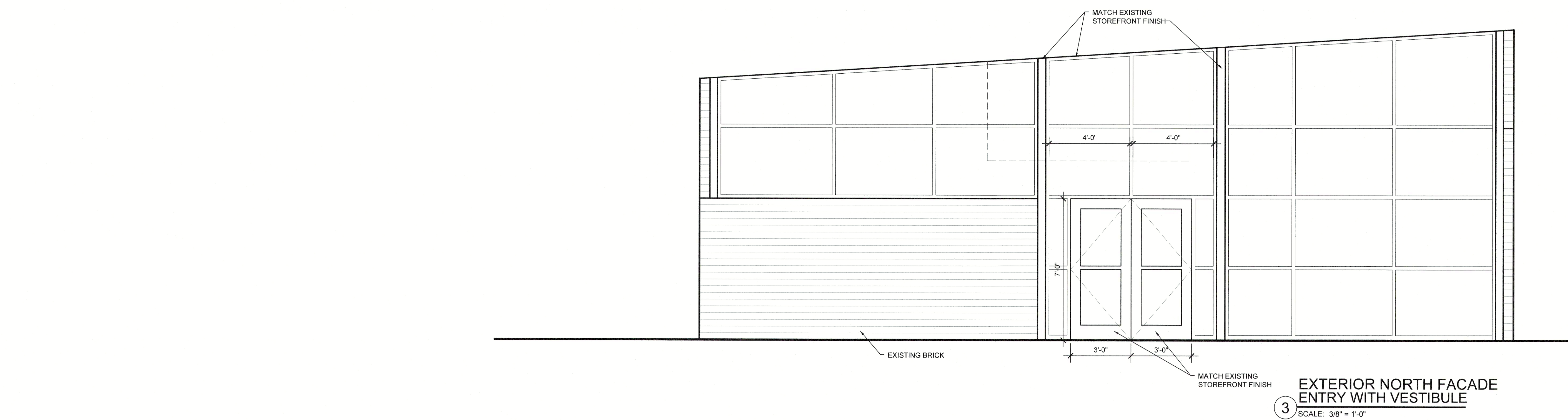
REVISIONS:

ARCHITECTURAL PROJECT NUMBER
2021027

INTERIOR
ELEVATIONS

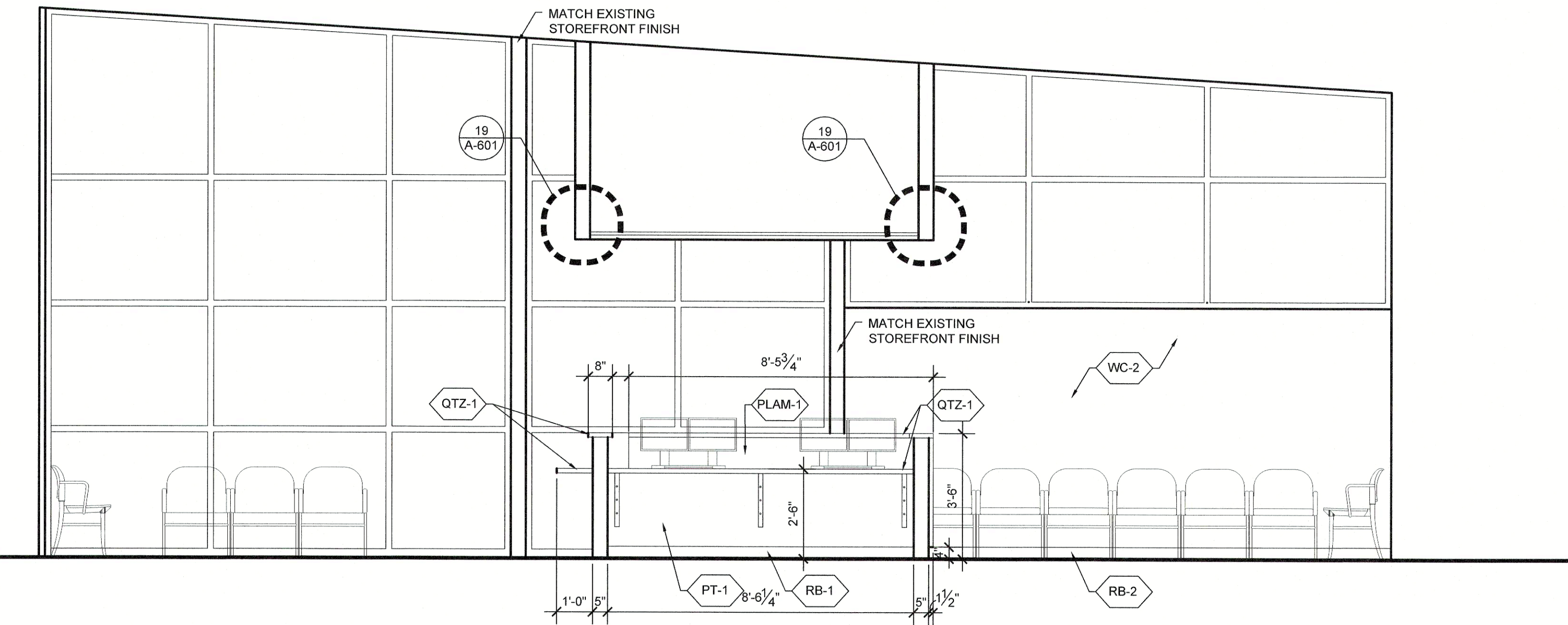
SHEET NUMBER
A-403

Drawing Name: F:\2021\2021027 - Jayger - KCUC Lee's Summit\Production\04 - Construction Documents\2021027 A-404 INT ELEV.dwg Last Modified: Oct 08, 2021 - 1:36pm Plotted on: Oct 13, 2021 - 10:18am by mwinslow



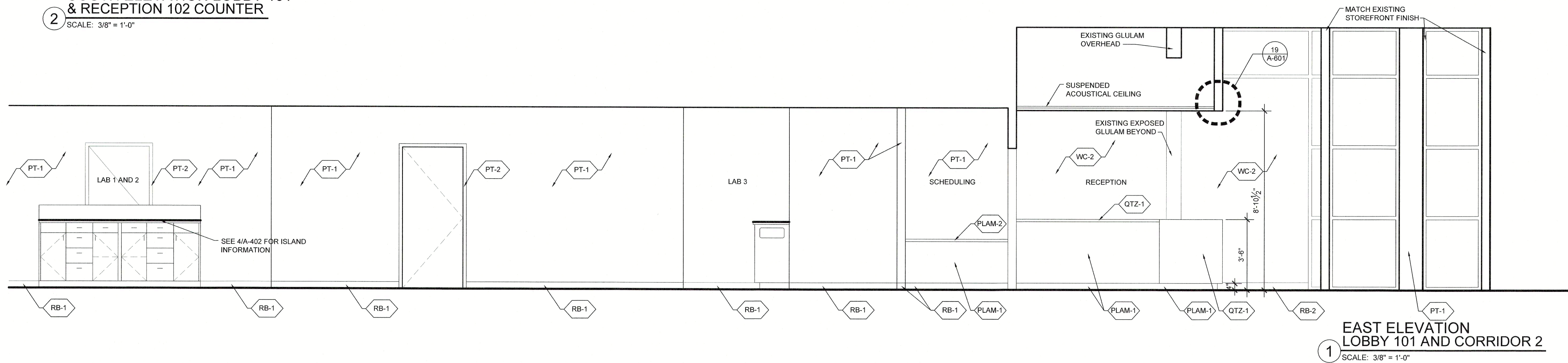
EXTERIOR NORTH FACADE
ENTRY WITH VESTIBULE

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



SOUTH ELEVATION LOBBY 101
& RECEPTION 102 COUNTER

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

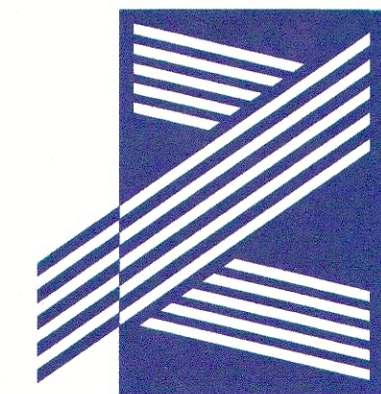


EAST ELEVATION
LOBBY 101 AND CORRIDOR 2

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



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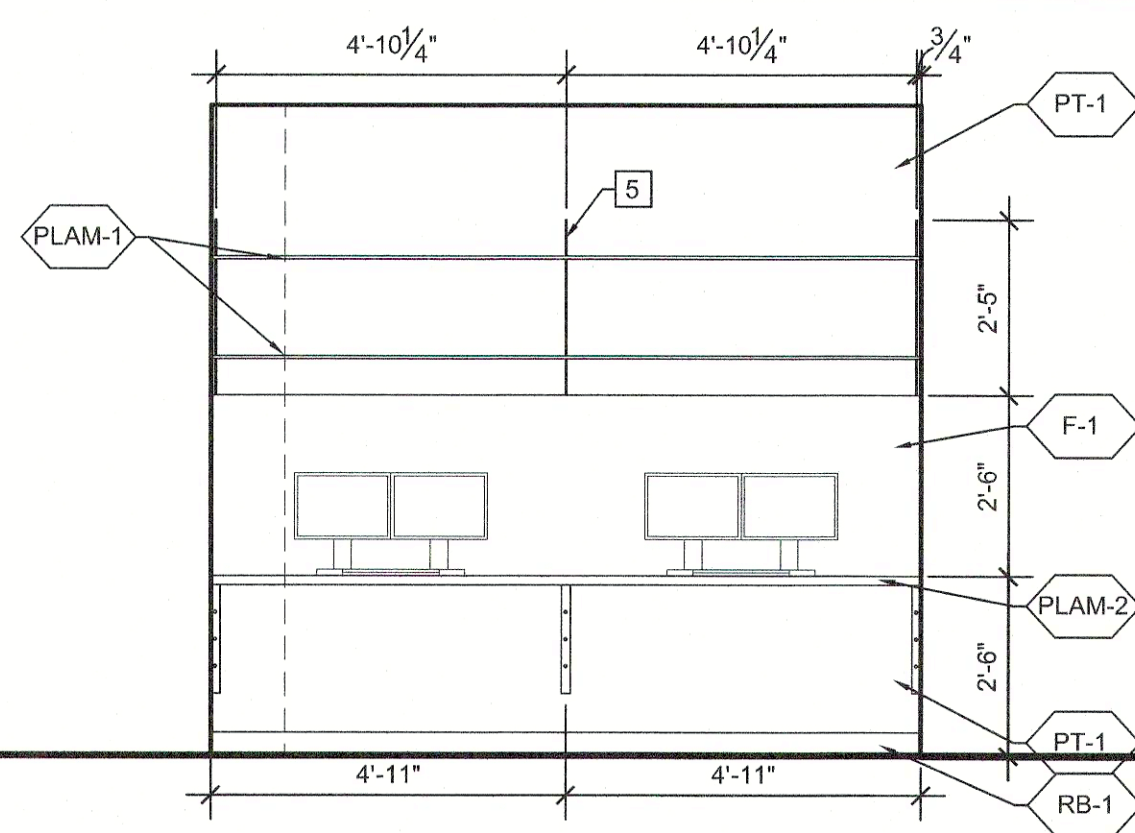
INTERIOR
ELEVATIONS

SHEET NUMBER

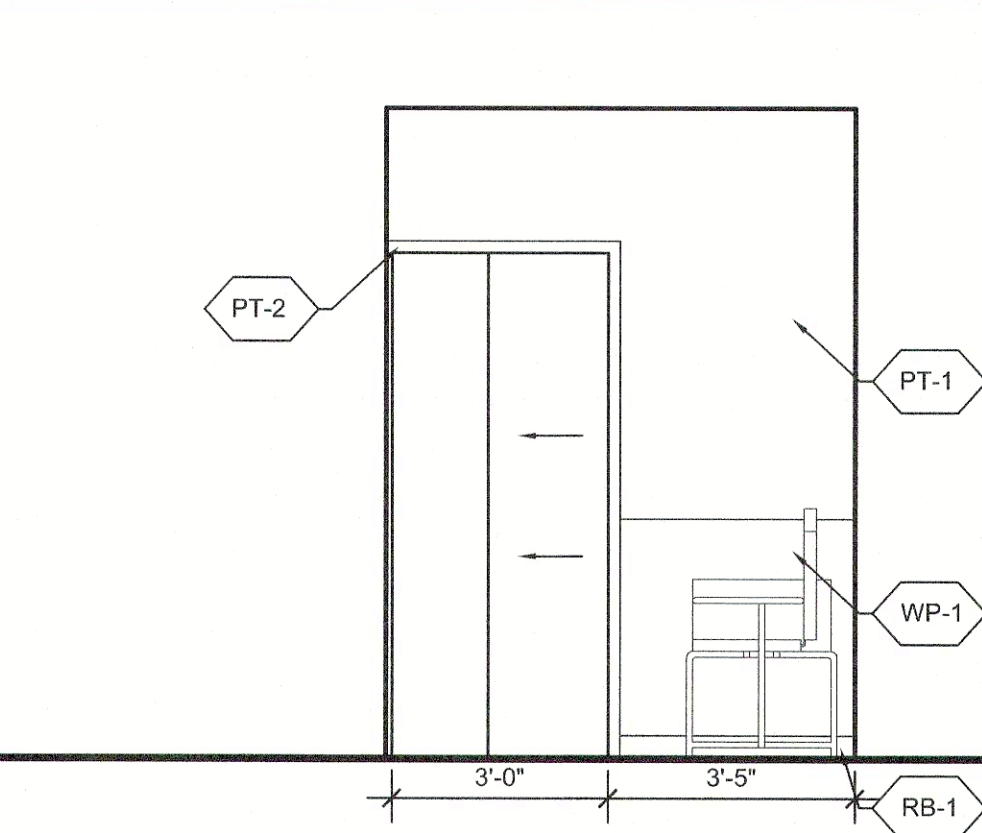
A-404

Drawing Name: F:\2021\2021027 - Jayjay - KCUC Lee's Summit Production\04 - Construction Documents\2021027 A-402 INT ELEVS.dwg Last Modified: Oct 13, 2021 - 10:39am Plotted on: Oct 27, 2021 - 11:37am by mwinslow

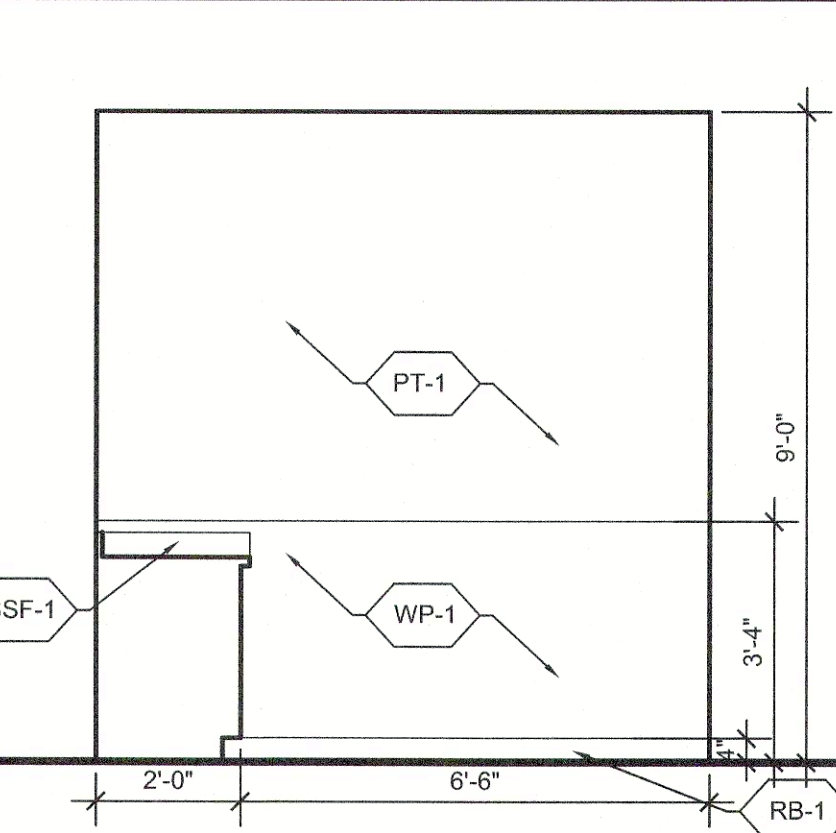
106 DOCTORS
WORKSTATIONS
SCALE: 3/8" = 1'-0"



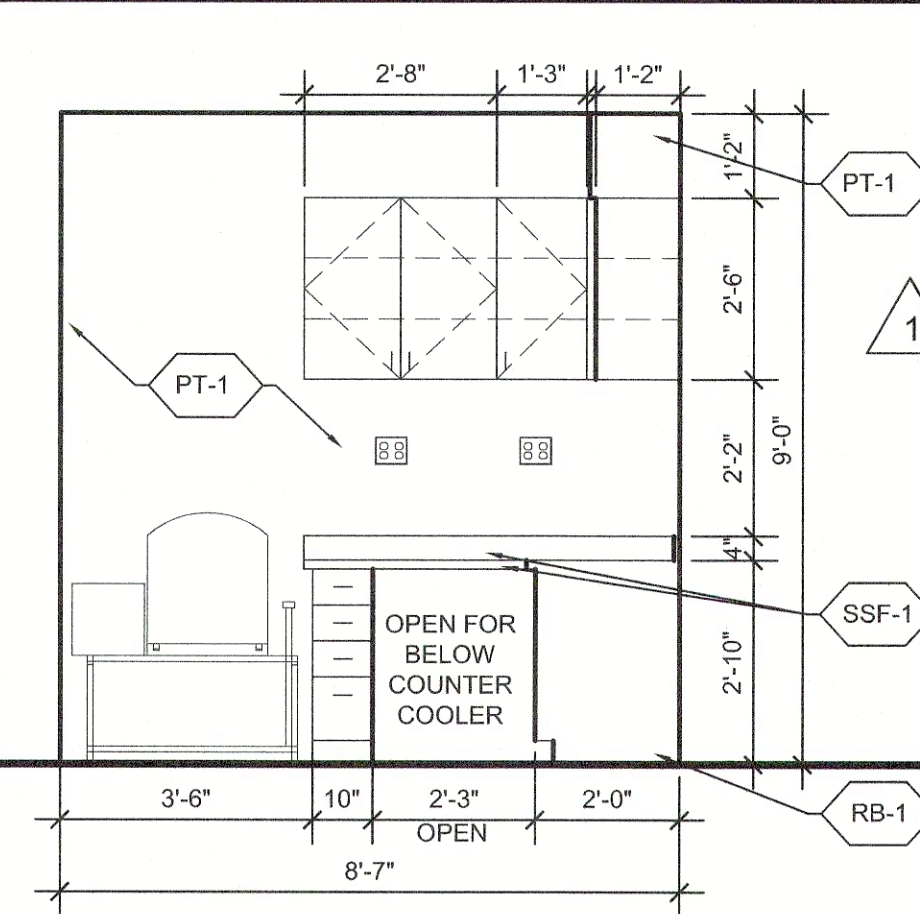
131 PHLEB.
EAST WALL
SCALE: 3/8" = 1'-0"



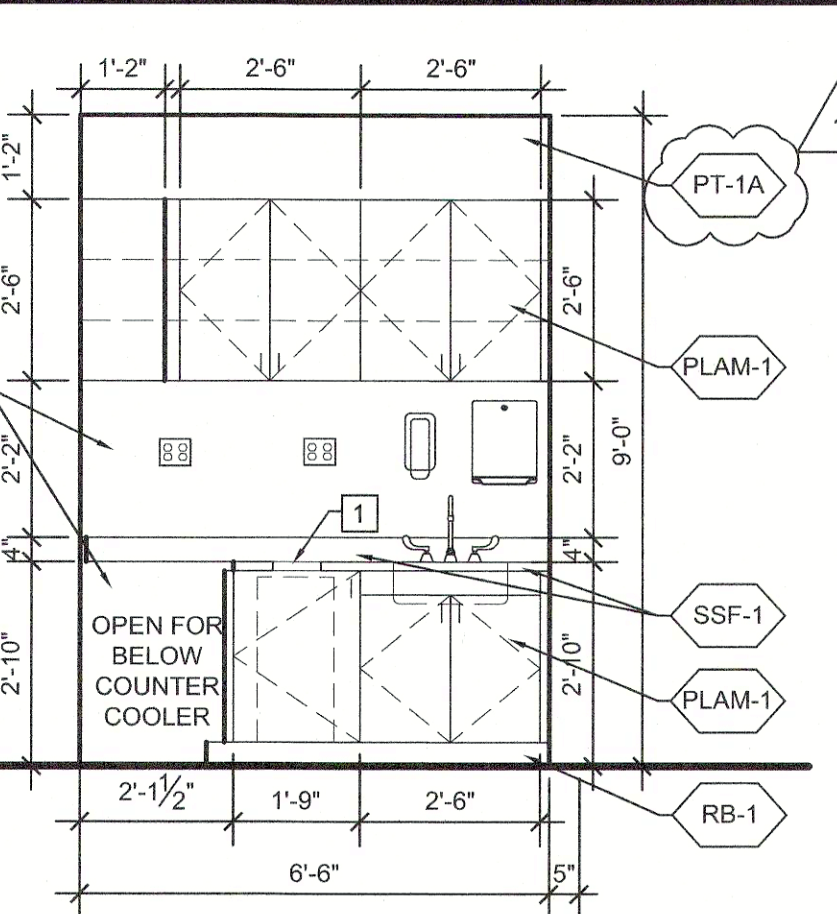
131 PHLEB.
NORTH WALL
SCALE: 3/8" = 1'-0"



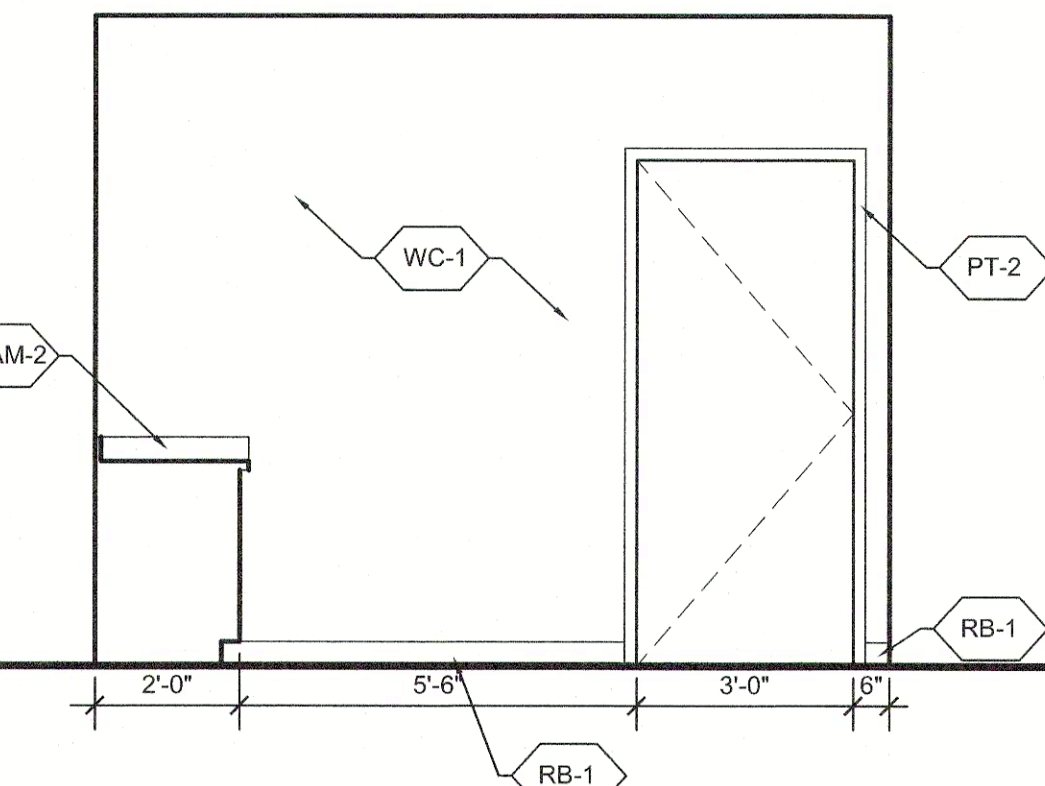
131 PHLEB.
SOUTH WALL
SCALE: 3/8" = 1'-0"



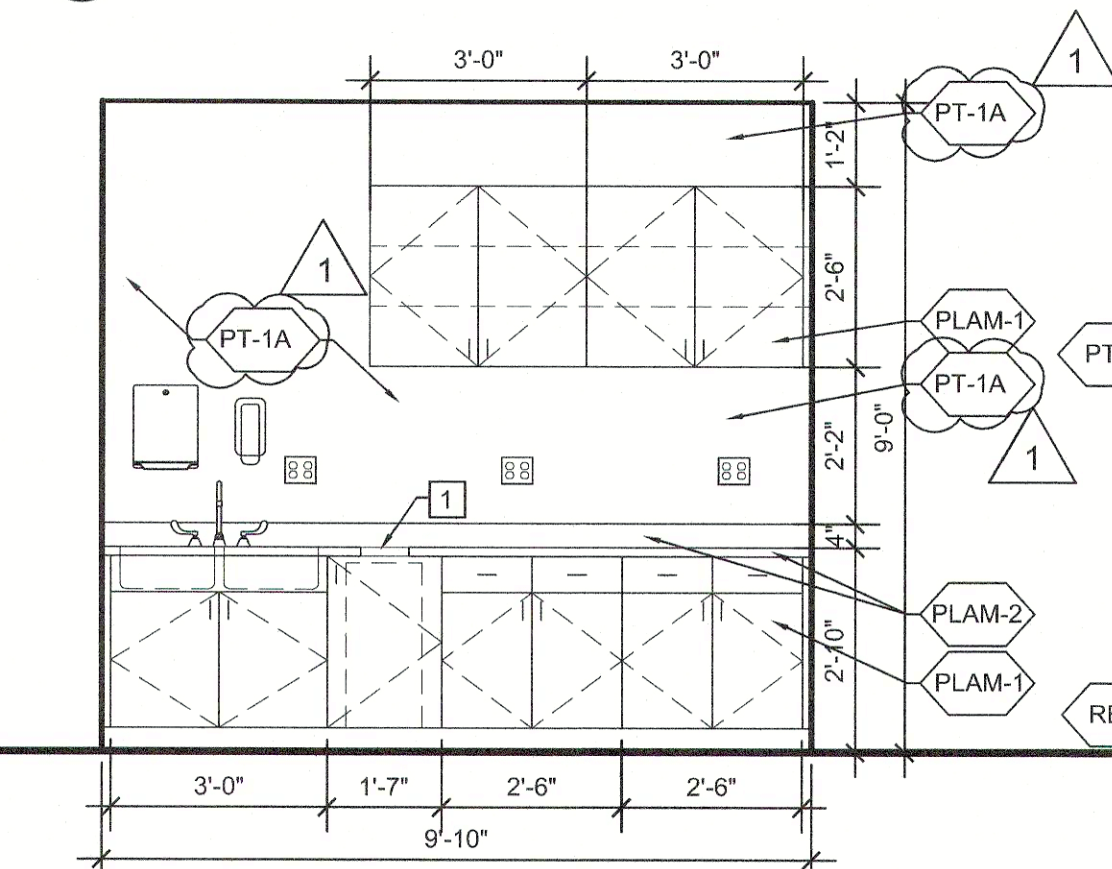
131 PHLEB.
WEST WALL
SCALE: 3/8" = 1'-0"



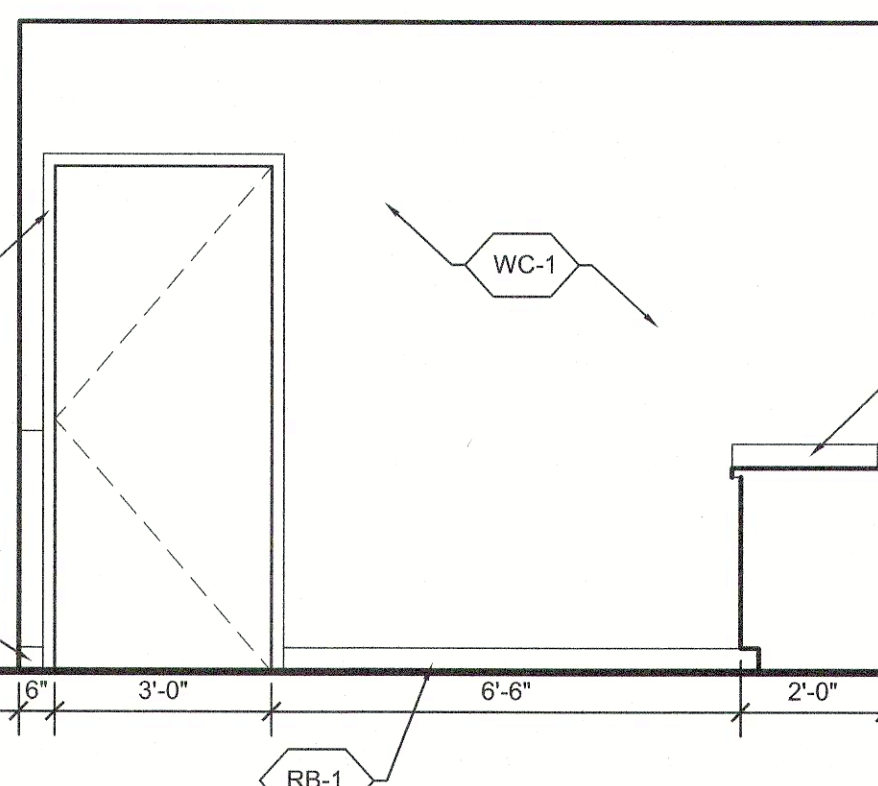
114 EXAM 5
ENTRANCE WALL
SCALE: 3/8" = 1'-0"



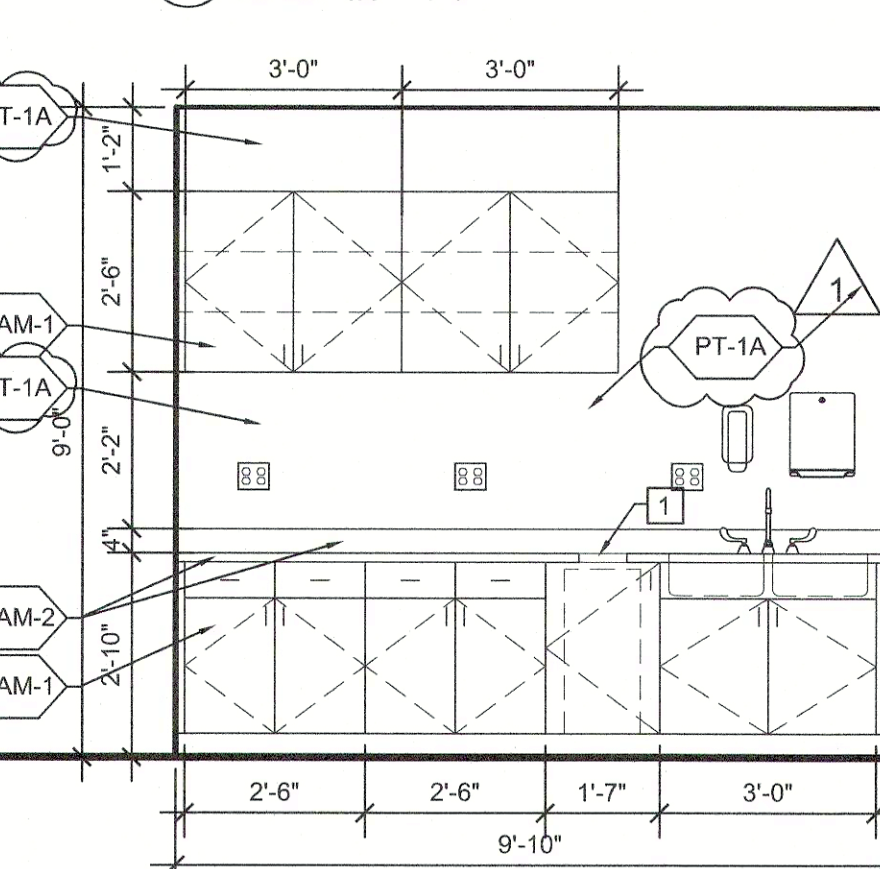
114 EXAM 5
CABINET WALL
SCALE: 3/8" = 1'-0"



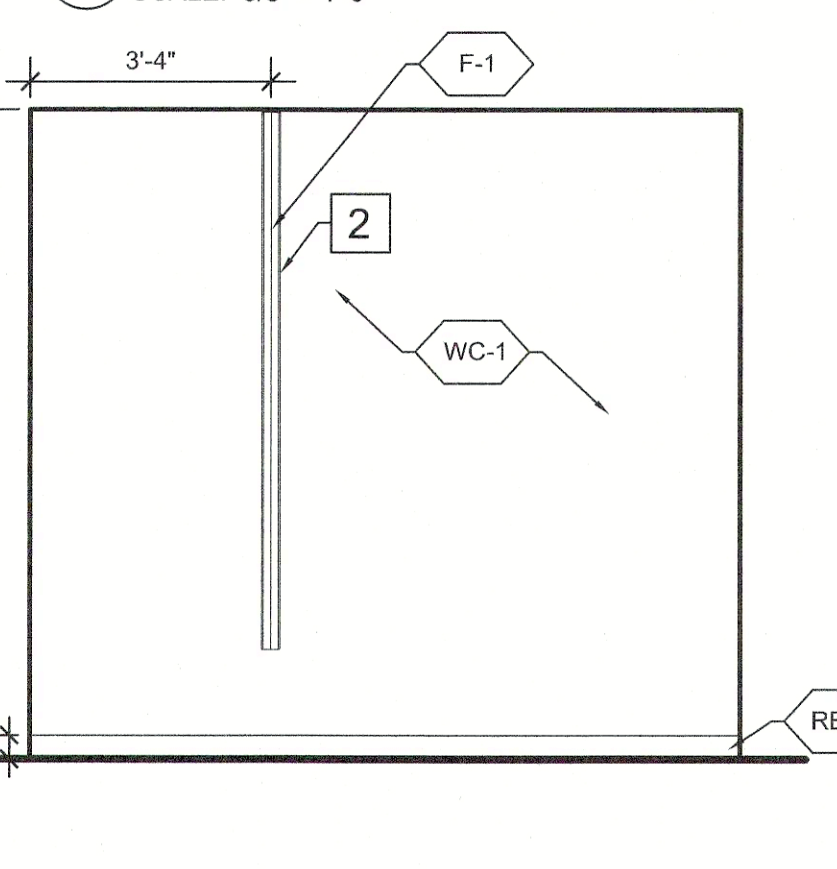
117 EXAM 6
ENTRANCE WALL
SCALE: 3/8" = 1'-0"



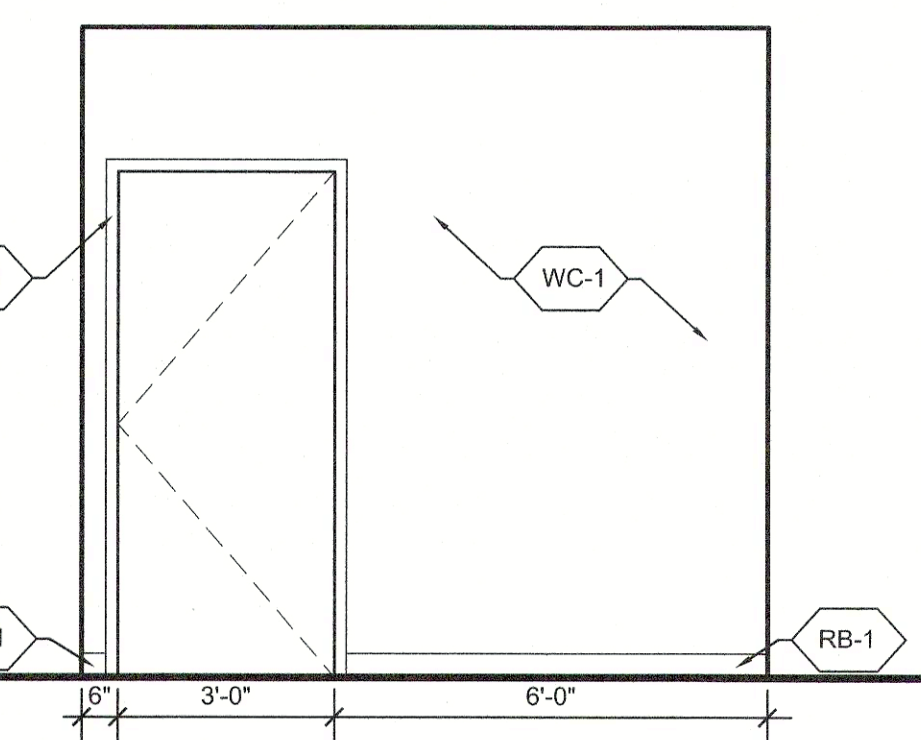
117 EXAM 6
CABINET WALL
SCALE: 3/8" = 1'-0"



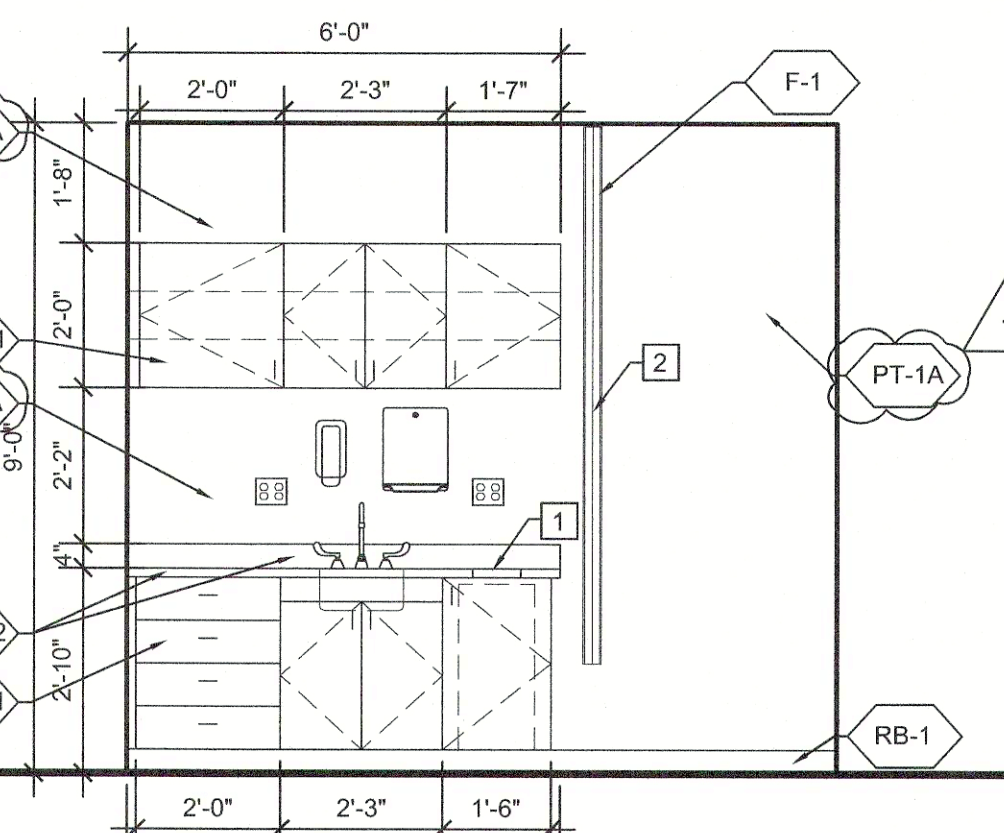
LEFT HAND EXAM
CURTAIN WALL
SCALE: 3/8" = 1'-0"



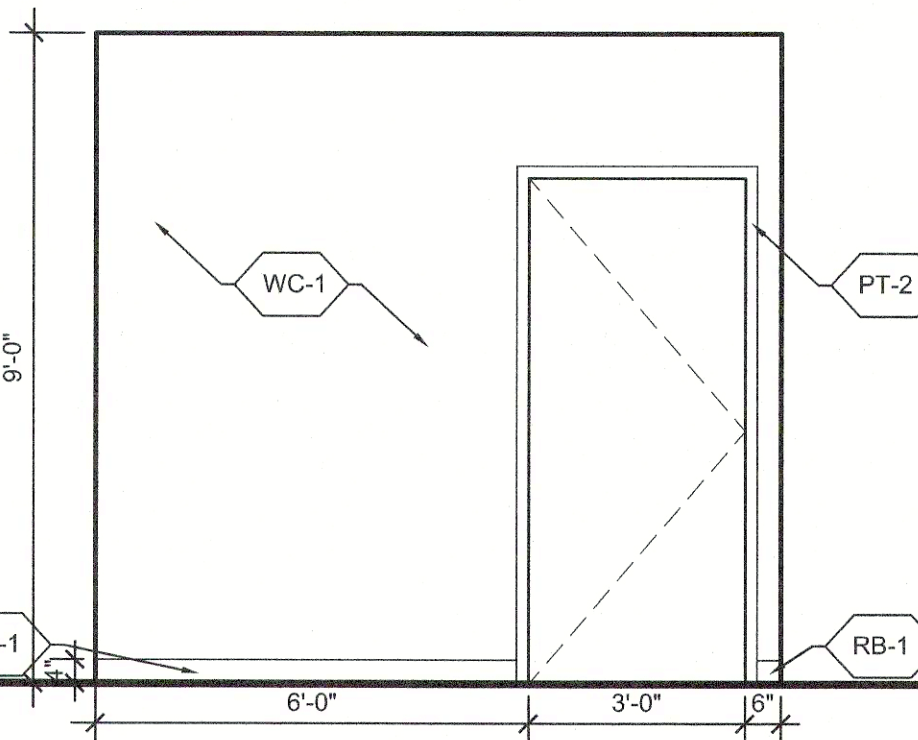
LEFT HAND EXAM
ENTRANCE WALL
SCALE: 3/8" = 1'-0"



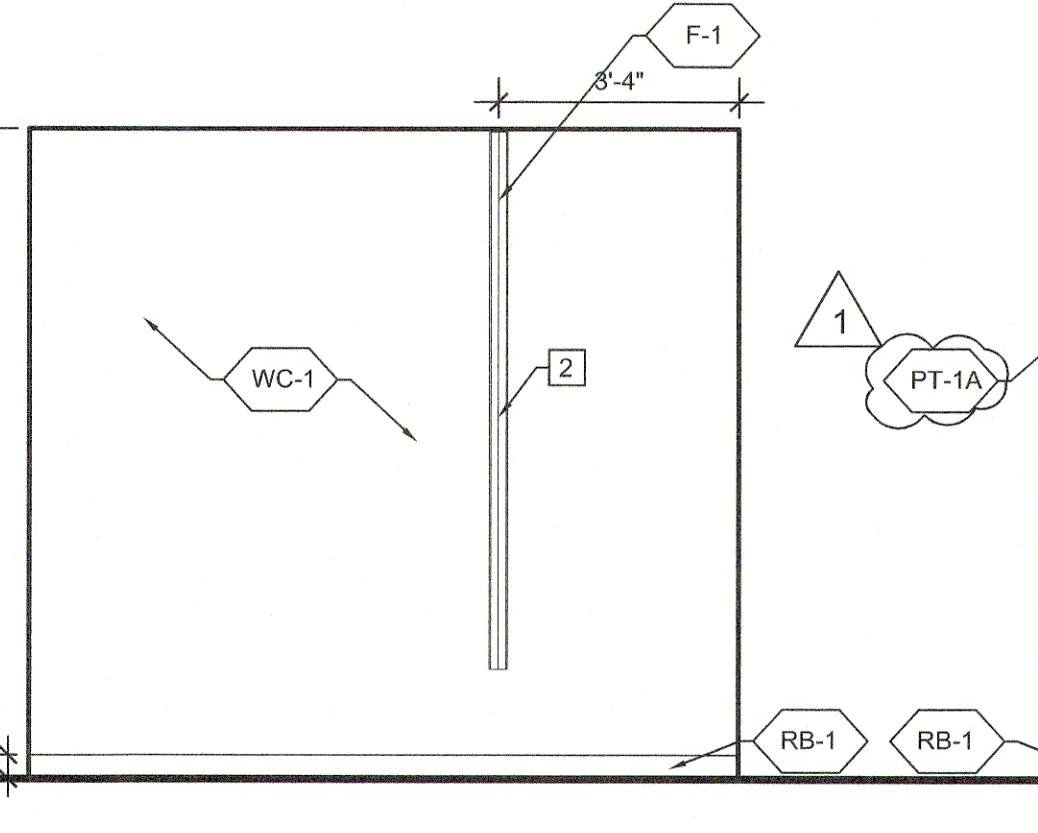
LEFT HAND EXAM
COUNTER WALL
SCALE: 3/8" = 1'-0"



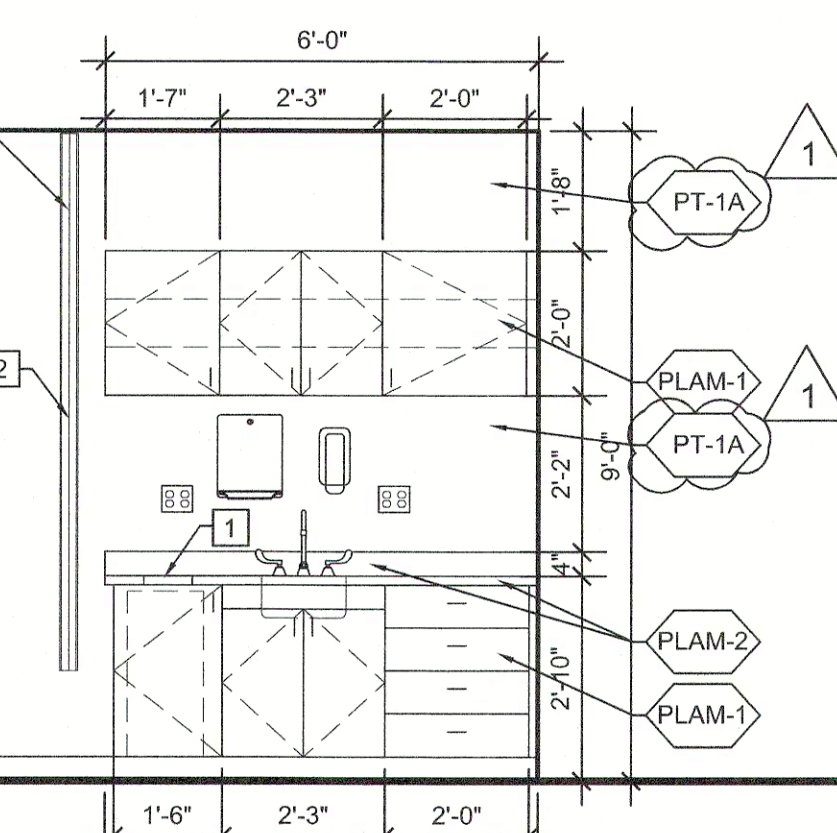
RIGHT HAND EXAM
ENTRANCE WALL
SCALE: 3/8" = 1'-0"



RIGHT HAND EXAM
CURTAIN WALL
SCALE: 3/8" = 1'-0"



RIGHT HAND EXAM
CABINET WALL
SCALE: 3/8" = 1'-0"



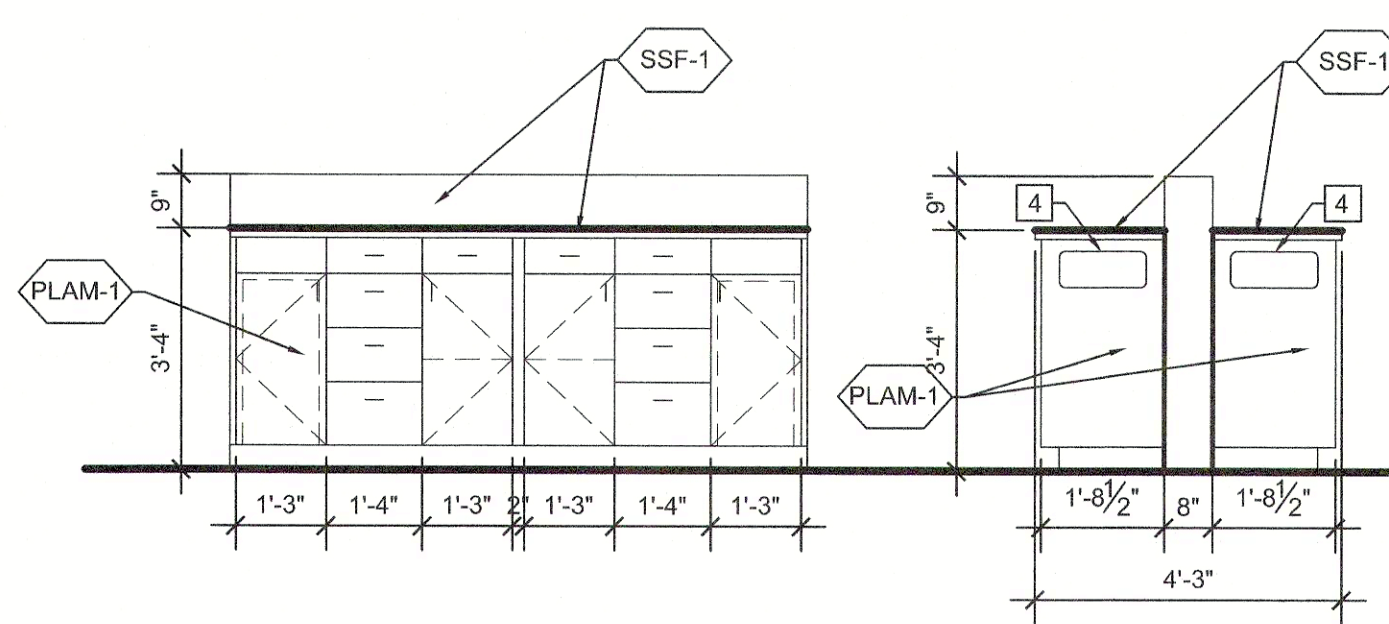
GENERAL NOTES

- SEE A-602 FOR ABBREVIATIONS AND FINISH SCHEDULE.
- ELEVATIONS MARKS LOCATED ON ENLARGED FLOOR PLAN SHEET A-102.

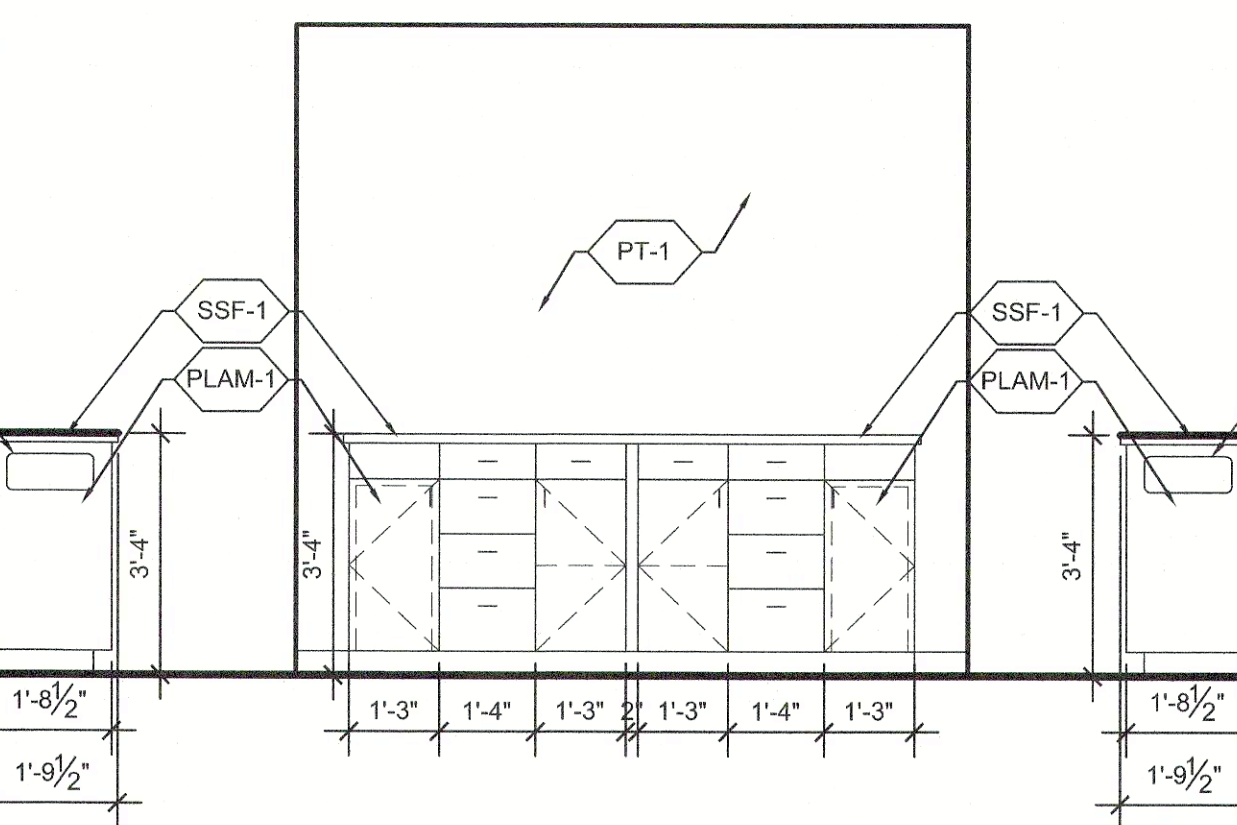
KEYED NOTES

- 8" DIAMETER OPENING FOR UNDER COUNTER TRASH RECEPTACLE.
- PRIVACY CURTAIN, SEE A-602 FOR FINISHES.
- SPECIMEN PASS-THROUGH CABINET, SEE A-401 FOR PRODUCT.
- SIDE OPENING FOR TRASH RECEPTACLE.
- SHELVING TRACK.

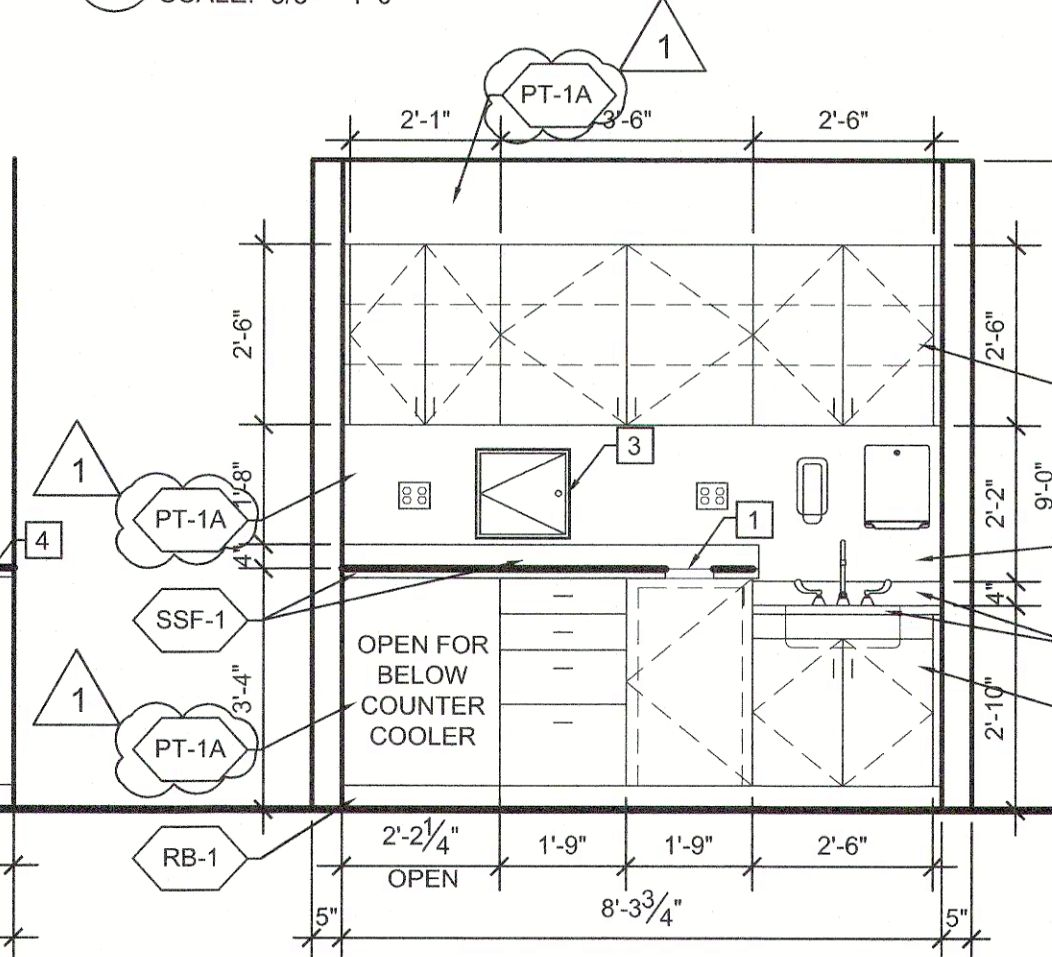
111 LAB 2 & 113 LAB 1
ISLAND ELEVATIONS
SCALE: 3/8" = 1'-0"



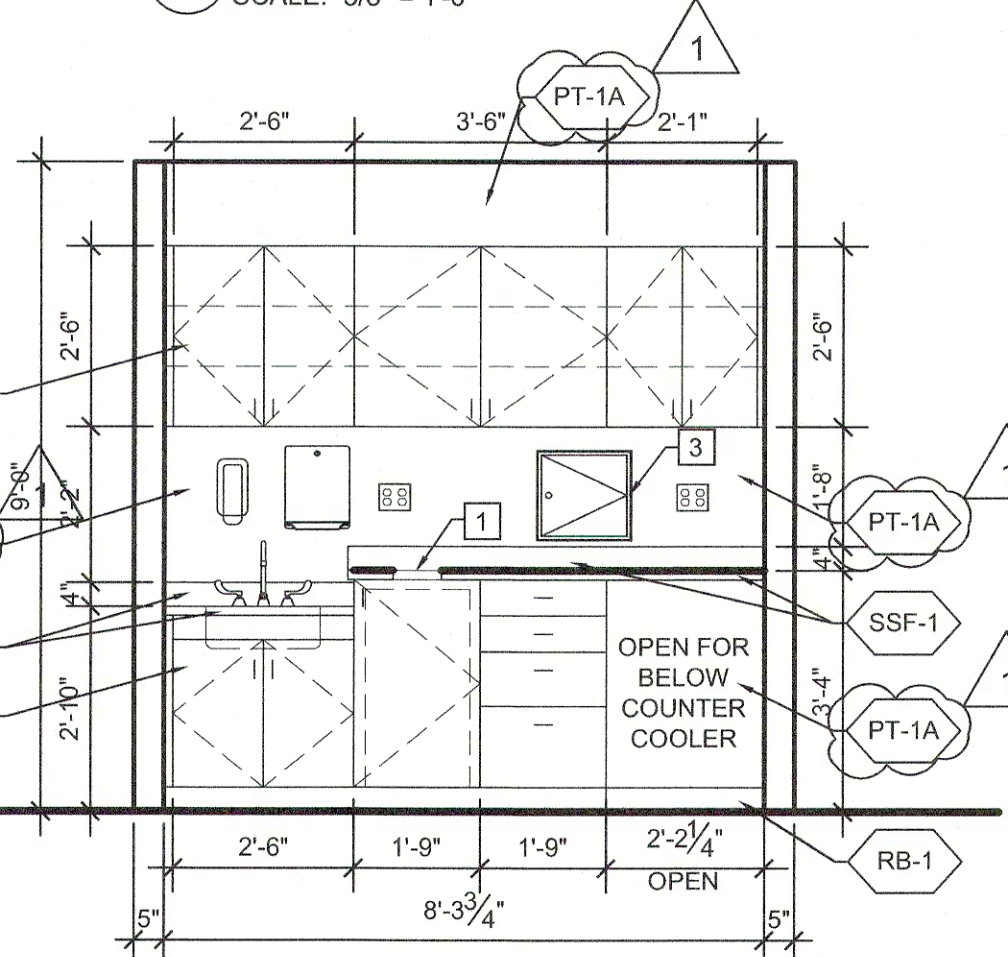
105 LAB 3 PC COUNTER
WITH SIDE ELEVATIONS
SCALE: 3/8" = 1'-0"



113 LAB 1
SINK COUNTER
SCALE: 3/8" = 1'-0"



105 LAB 3 & 111
LAB 2 AT SINK COUNTER
SCALE: 3/8" = 1'-0"



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INTERIOR
ELEVATIONS

SHEET NUMBER
A-402

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Drawing Name: F:\2021\2021027 - Jayger - KCUC Lee's Summit\Production\04 - Construction Documents\2021027 A-601 Schedules.dwg Last Modified: Oct 21, 2021 - 3:47pm Plotted on: Oct 27, 2021 - 11:38am by mwinslow

DOOR SCHEDULE																	
DOOR INFORMATION									FRAME INFORMATION				DETAILS				
DOOR	ROOM NUMBER	ROOM NAME	SIZE	MATERIAL	FINISH	TYPE	GLAZING	RATING	MATERIAL	FINISH	TYPE	RATING	HEAD	JAMB	SILL	HARDWARE	NOTES
100A	100	VESTIBULE	PR. 3'-0" X 7'-0"	ALUMINUM	MATCH EXISTING	4	TEMPERED	--	ALUMINUM	MATCH EXISTING	--	--	11,21/A-601	6,16/A-601	1/A-601	SET 1	NOTES
100B	100	VESTIBULE	3'-0" X 7'-0"	ALUMINUM	MATCH EXISTING	3	TEMPERED	--	ALUMINUM	MATCH EXISTING	--	--	7,12/A-601	2/A-601	1/A-601	SET 5	NOTES
101A	101	LOBBY	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	-	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
101B	101	LOBBY	3'-0" X 7'-0"	SOLID CORE WOOD	PAINTED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
102	102	RECEPTION	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
104	104	EXAM 1	3'-6" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	B	--	13/A-601	8/A-601	3/A-601	SET 3	NOTES
106	106	DOCTORS	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 7	NOTES
107	119	DOCTORS ENTRY	3'-0" X 7'-0"	HOLLOW METAL	MATCH EXISTING	2	TEMPERED	--	ALUMINUM	MATCH EXISTING	A	--	15/A-601	10/A-601	5/A-601	SET 2	NOTES
108	108	WC	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 6	NOTES
109	109	EXAM 2	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	11,21/A-601	6,16/A-601	1/A-601	SET 3	NOTES
110	110	EXAM 3	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
112	112	EXAM 4	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
C1	C1	CORRIDOR 1	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
114	114	EXAM 5	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
115	115	WC	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 6	NOTES
116	116	WC	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 6	NOTES
117	117	EXAM 6	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
118	118	SHARED STAFF	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
119	119	BREAKROOM	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
120	120	MECH	EXISTING	EXISTING	EXISTING	--	EXISTING	EXIST.	EXISTING	EXISTING	EXIST.	EXIST.	EXISTING	EXISTING	EXISTING	EXISTING	NOTES
120A	120A	MECH. VESTIBULE	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	1 HOUR	HOLLOW METAL	PAINTED	A	EXIST.	15/A-601	10/A-601	5/A-601	SET 7	1 HOUR FIRE RATED DOOR
121	121	IT	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 7	NOTES
122	122	STAFF (4)	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1B	--	--	HOLLOW METAL	PAINTED	1B	--	15/A-601	10/A-601	5/A-601	SET 4	POCKET DOOR
123	123A	STORAGE	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 7	NOTES
123	123B	STORAGE	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 7	NOTES
124	124	SOILED	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
125	125	STAFF (4)	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1B	--	--	HOLLOW METAL	PAINTED	1B	--	15/A-601	10/A-601	5/A-601	SET 4	POCKET DOOR
126	126	EXAM 7	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
127	127	EXAM 8	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
128	128	WC	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 6	NOTES
129	129	EXAM 9	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
130	130	NURSES	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1	--	--	HOLLOW METAL	PAINTED	A	--	15/A-601	10/A-601	5/A-601	SET 3	NOTES
131	131	PHLEBOTOMY	3'-0" X 7'-0"	SOLID CORE WOOD	STAINED	1B	--	--	HOLLOW METAL	PAINTED	1B	--	15/A-601	10/A-601	5/A-601	SET 4	POCKET DOOR

HARDWARE SCHEDULE

NOTE: HARDWARE SHOWN FOR REFERENCE ONLY. ALL HARDWARE BY DOOR SUPPLIER. ALL HARDWARE SET TO BE KEYS TO OWNERS SYSTEM.

SET 1
3 PAIR HINGE/2 EA - HW HINGE (NRP)
1 EA - PANIC HDWR W/ CYLINDER TRIM
1 EA CYLINDER (ACTIVE DOOR)
2 EA 90 DEG. OFFSET PULL
2 EA CLOSER PA W/ STOP
1 EA SURFACE BOLTS (INACTIVE DOOR)
2 EA DOOR SWEEP
2 EA WEATHERSTRIP BY DOOR SUPPLIER
1 EA THRESHOLD

SET 2
3 EA HW HINGE (NRP)
1 EA PANIC HDWR (NIGHT LATCH TRIM)
1 EA CYLINDER
1 EA 90 DEG. OFFSET PULL
1 EA CLOSER PA W/STOP
1 EA KICK PLATE
1 EA SURFACE BOLTS
1 EA DOOR SWEEP
1 EA THRESHOLD
1 EA RAIN DRIP
EACH TO HAVE:

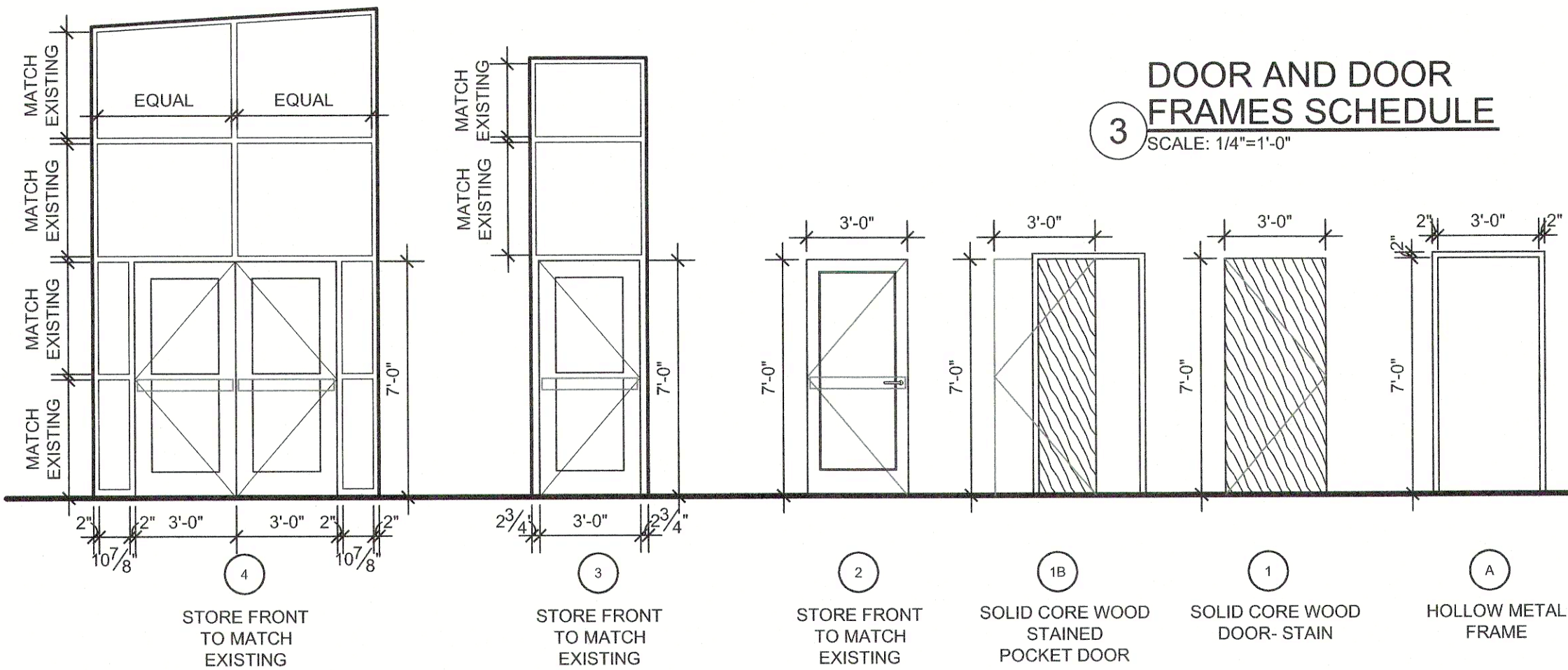
SET 3:
1 PAIR HINGE - HW HINGE
1 EA - PASSAGE SET
1 EA - CLOSER
1 EA - KICK PLATE
1 EA - KICK PLATE

SET 4:
1 EA - PASSAGE POCKET SET

SET 5:
3 PAIR HINGE - HW HINGE
1 EA - PUSH/PULL
1 EA - CLOSER
1 EA - DOOR STOP
1 EA - DOOR SILENCER
1 EA - KICK PLATE

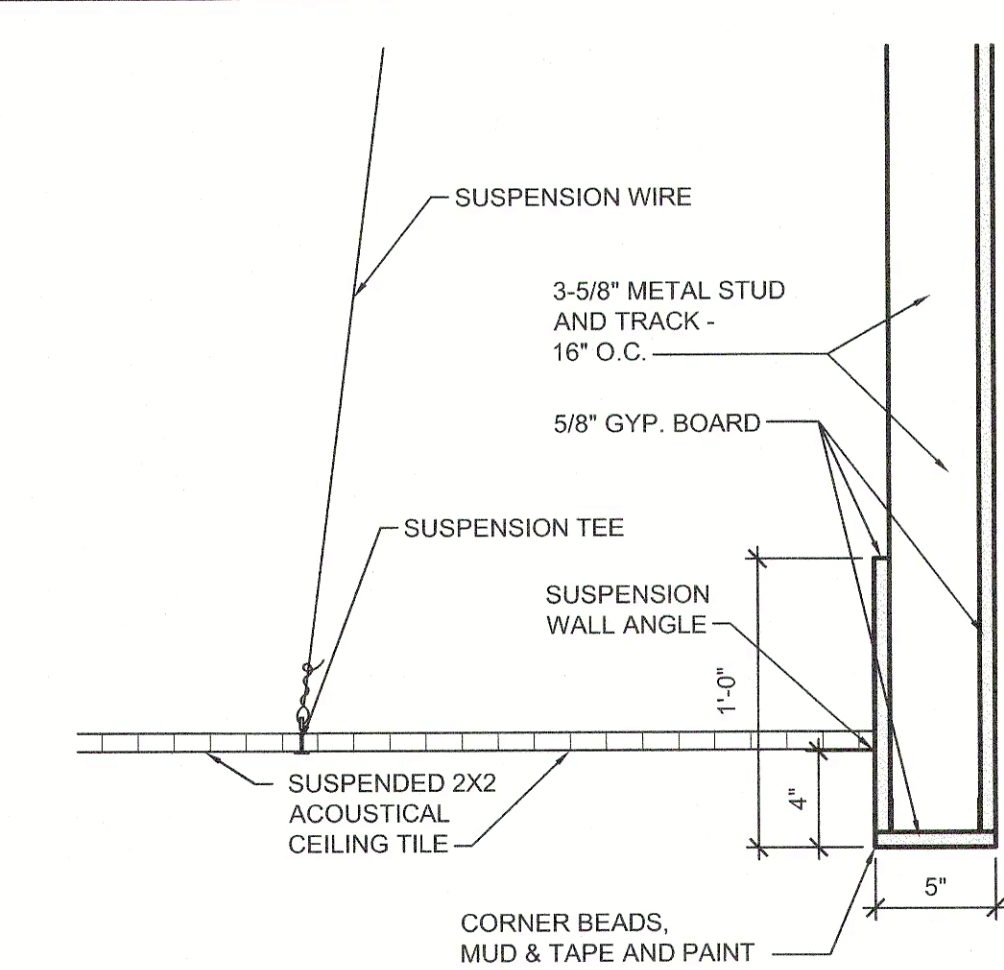
SET 6:
3 PAIR HINGE - HW HINGE
1 EA - PRIVACY LOCK
1 EA - CLOSER
1 EA - KICK PLATE
1 EA - DOOR STOP
1 EA - DOOR SILENCER

SET 7:
3 PAIR HINGE - HW HINGE
1 EA - ENTRY/OFFICE LOCK
1 EA - CLOSER
1 EA - KICK PLATE
1 EA - DOOR STOP
1 EA - DOOR SILENCER



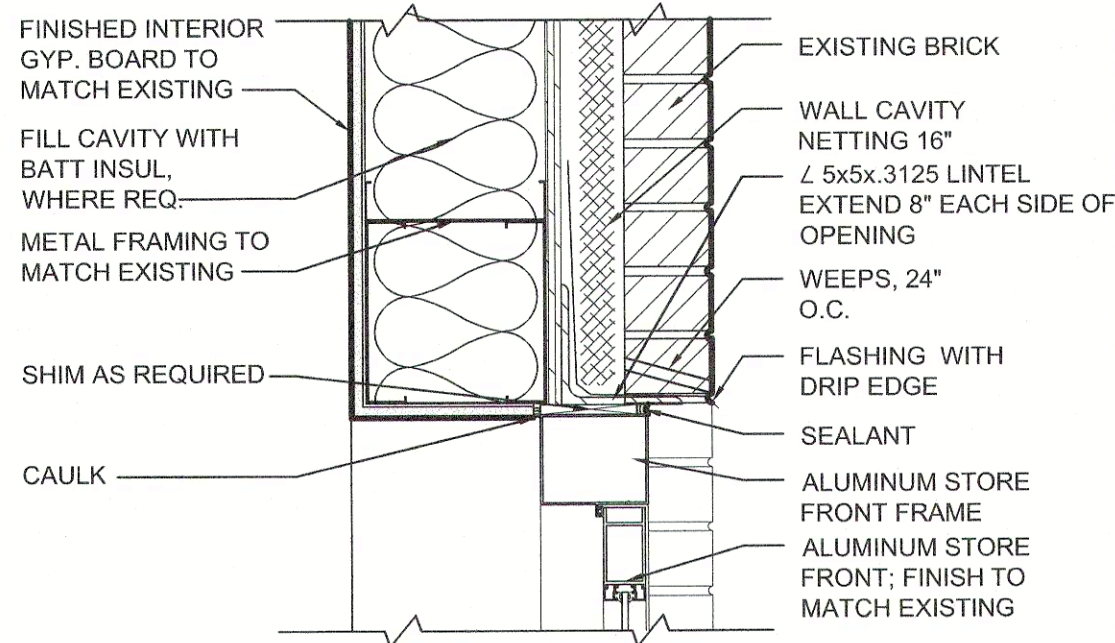
DOOR AND DOOR FRAMES SCHEDULE

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



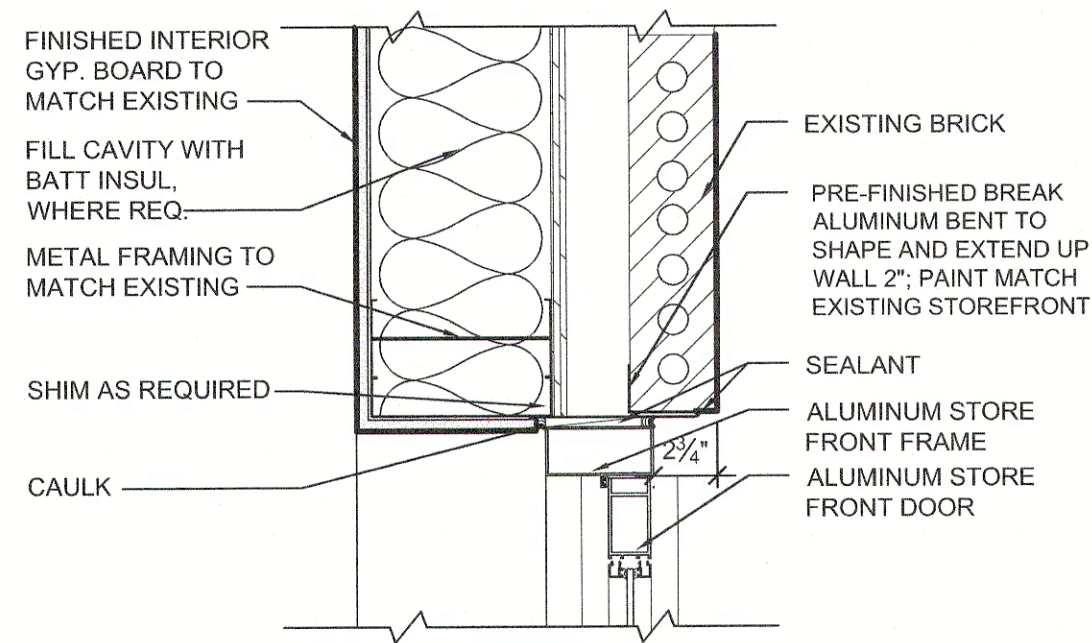
RECEPTION COUNTER SOFFIT

SCALE: 1 1/2"=1'-0"



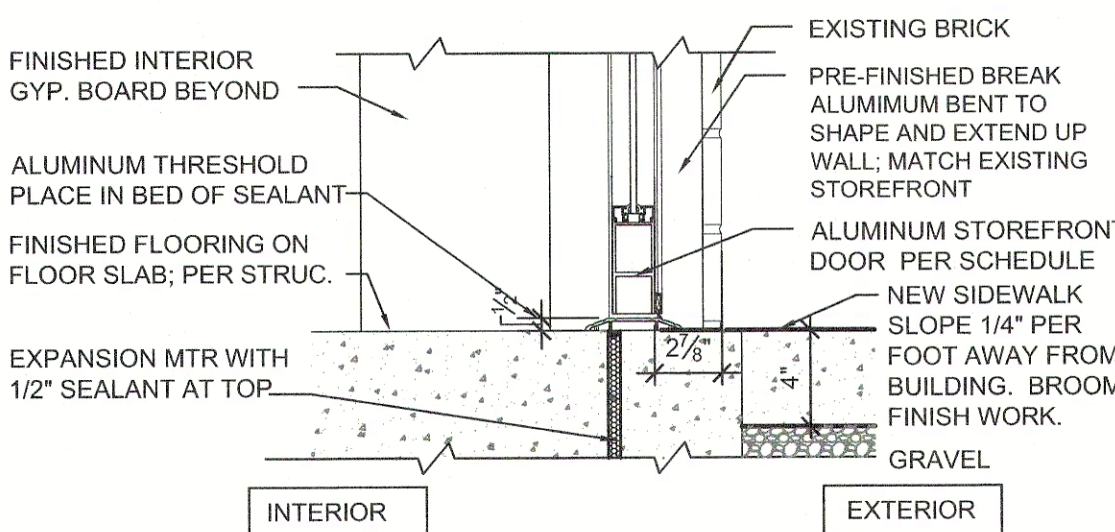
EXTERIOR EXIT DOOR HEAD

SCALE: 1 1/2"=1'-0"



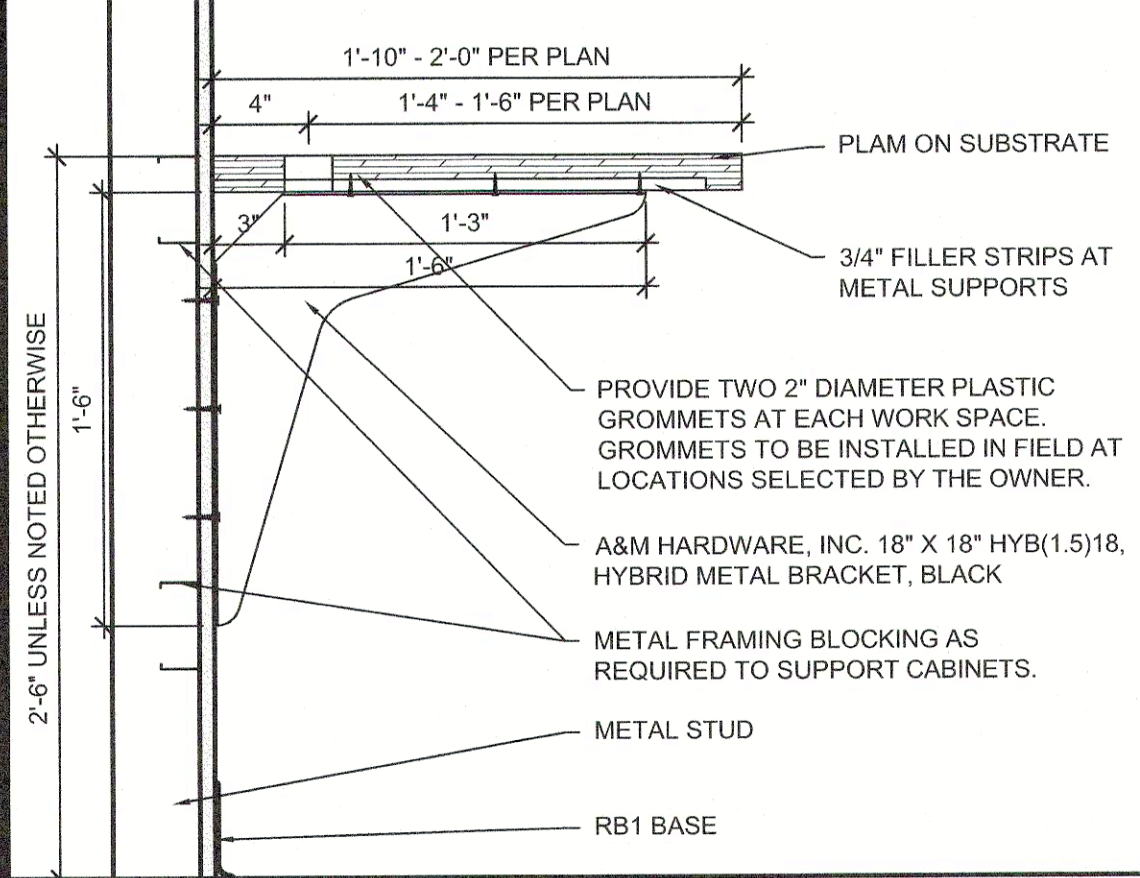
EXTERIOR EXIT DOOR JAMB

SCALE: 1 1/2"=1'-0"



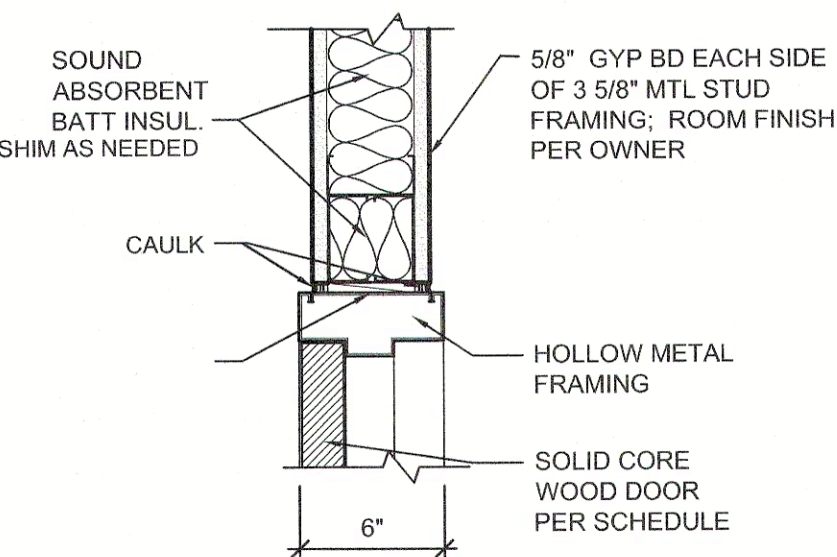
EXTERIOR EXIT DOOR THRESHOLD

SCALE: 1 1/2"=1'-0"



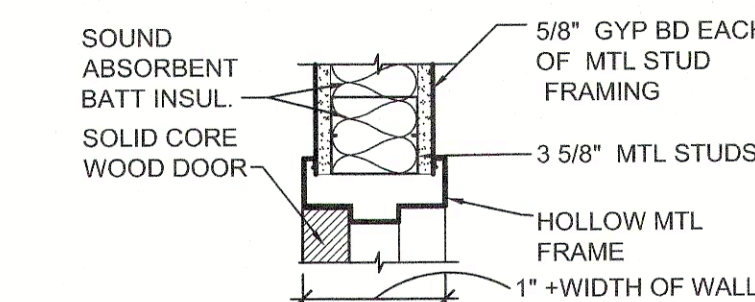
WORK COUNTER SUPPORT SECTION

SCALE: 1 1/2"=1'-0"



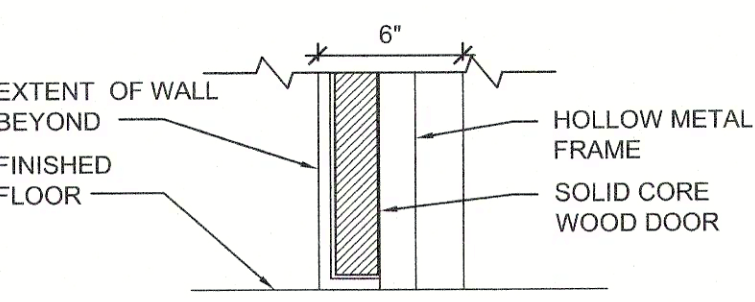
INTERIOR DOOR HEAD

SCALE: 1 1/2"=1'-0"



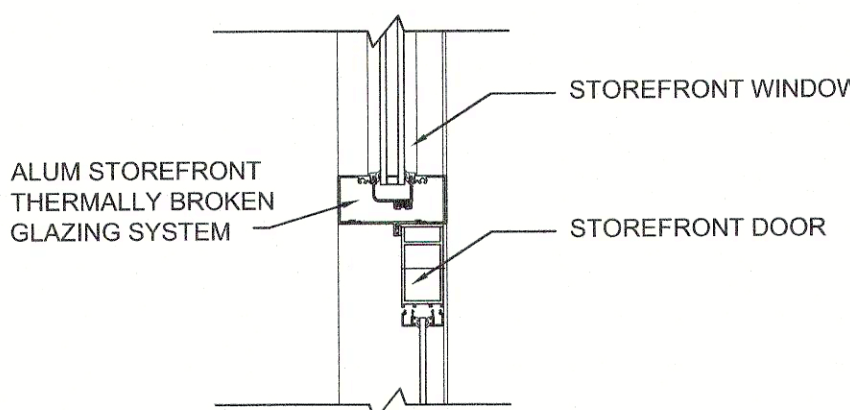
INTERIOR DOOR JAMB

SCALE: 1 1/2"=1'-0"



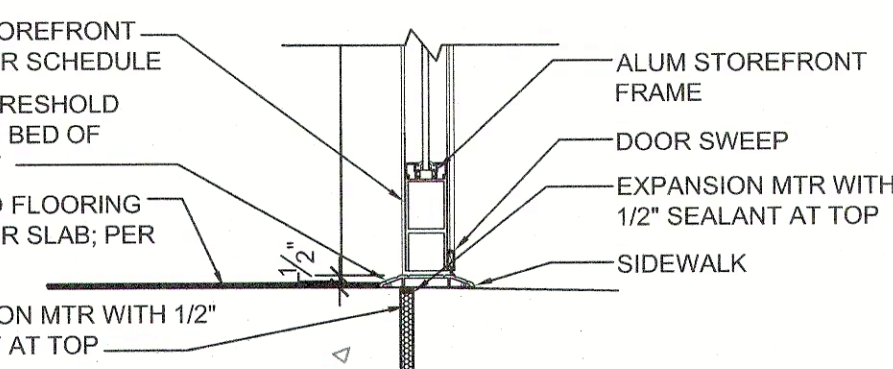
INTERIOR DOOR THRESHOLD

SCALE: 1 1/2"=1'-0"



STOREFRONT JAMB DETAIL

SCALE: 1 1/2"=1'-0"



STOREFRONT THRESHOLD

SCALE: 1 1/2"=1'-0"

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
10/20/2021

STATE OF MISSOURI
JAYGER
REGISTERED ARCHITECT
No. 115
Oct 27, 2021

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JACKSON COUNTY

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REVISIONS:
10/20/21 CITY COMMENTS

ARCHITECTURAL PROJECT NUMBER
2021027

DOOR
SCHEDULE
AND DETAILS

SHEET NUMBER
A-601

Drawing Name: F:\2021\2021021027 - Jayger - KCUC Lee's Summit\Production\04 - Construction Documents\2021021027 A-602 Finishes.dwg Last Modified: Oct 21, 2021 - 3:48pm Plotted on: Oct 27, 2021 - 11:38am by rminislow

FINISH SCHEDULE

						WALLS				CEILING			
ROOM NUMBER	ROOM NAME	FLOORING	FLOOR BASE	COUNTER TOPS	CABINETS	NORTH	WEST	SOUTH	EAST	MATERIAL	FINISH	HEIGHT	NOTES
100	VESTIBULE	T-1	--	--	--	--	--	--	--	EXISTING	PT-3	OPEN	--
101	LOBBY/WAITING	CPT-1	RB-2	--	--	WC-2	WC-2	WC-2	--	EXISTING	PT-3	OPEN	--
102	RECEPTION	CPT-1	RB-2	QTZ-1*	PLAM-1	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	*SEE ELEV.
103	SCHEDULING	CPT-1	RB-2	--	PLAM-1	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
104	EXAM 1	LVT-1	RB-1	PLAM-2	PLAM-1	PT-1A	WC-1	WC-1	WC-1	ACT-1	WHITE	9'-0"	--
105	LAB 3	LVT-1	RB-1	SSF-1	PLAM-1	PT-1A	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
106	DOCTORS	CPT-1	RB-1	PLAM-2	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
107	DOCTOR'S ENTRY	T-1	B-2	--	--	PT-1	PT-1	PT-1	PT-1/WT-1*	ACT-1	WHITE	9'-0"	*SEE ELEV.
108	WC	T-1	B-2	--	--	PT-1A	WT-1	PT-1A	PT-1A	ACT-1	WHITE	9'-0"	--
109	EXAM 2	LVT-1	RB-1	PLAM-2	PLAM-1	PT-1A	WC-1	WC-1	WC-1	ACT-1	WHITE	9'-0"	--
110	EXAM 3	LVT-1	RB-1	PLAM-2	PLAM-1	WC-1	WC-1	PT-1A	WC-1	ACT-1	WHITE	9'-0"	--
111	LAB 2	LVT-1	RB-1	SSF-1	PLAM-1	PT-1	PT-1	PT-1A	PT-1	ACT-1	WHITE	9'-0"	--
112	EXAM 4	LVT-1	RB-1	PLAM-2	PLAM-1	PT-1A	WC-1	WC-1	WC-1	ACT-1	WHITE	9'-0"	--
113	LAB 1	LVT-1	RB-1	SSF-1	PLAM-1	PT-1A	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
C1	CORRIDOR 1	CPT-1	RB-1	--	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
114	EXAM 5	LVT-1	RB-1	PLAM-2	PLAM-1	WC-1	WC-1	PT-1A	WC-1	ACT-1	WHITE	9'-0"	--
115	WC	T-1	B-2	--	--	WT-1	PT-1A	PT-1A	PT-1A	ACT-1	WHITE	9'-0"	--
116	WC	T-1	B-2	--	--	PT-1A	WT-1	PT-1A	PT-1A	ACT-1	WHITE	9'-0"	--
117	EXAM 6	LVT-1	RB-1	PLAM-2	PLAM-1	PT-1A	WC-1	WC-1	WC-1	ACT-1	WHITE	9'-0"	--
118	STAFF (7)	CPT-1	B-2	PLAM-2	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
119	STAFF LOUNGE	LVT-1	RB-1	PLAM-2	PLAM-1	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
120	MECHANICAL	CONC	--	--	--	PT-1	PT-1	PT-1	PT-1	OPEN	--	OPEN	--
121	IT	CONC	--	--	--	PT-1	PT-1	PT-1	PT-1	OPEN	--	OPEN	--
122	STAFF (4)	CPT-1	RB-1	PLAM-2	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
123	STORAGE	LVT-1	RB-1	--	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
124	SOILED	LVT-1	RB-1	--	--	PT-1	PT-1A	WC-1	WC-1	WC-1	WHITE	9'-0"	--
125	STAFF (4)	CPT-1	RB-1	PLAM-2	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
C3	CORRIDOR 3	CPT-1	RB-1	--	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
126	EXAM 7	LVT-1	RB-1	PLAM-2	PLAM-1	WC-1	WC-1	PT-1A	WC-1	ACT-1	WHITE	9'-0"	--
127	EXAM 8	LVT-1	RB-1	PLAM-2	PLAM-1	PT-1A	WC-1	WC-1	WC-1	ACT-1	WHITE	9'-0"	--
128	WC	T-1	B-2	--	--	PT-1A	PT-1A	PT-1A	WT-1	ACT-1	WHITE	9'-0"	--
129	EXAM 9	LVT-1	RB-1	PLAM-2	PLAM-1	WC-1	WC-1	PT-1A	WC-1	ACT-1	WHITE	9'-0"	--
130	NURSES	CPT-1	RB-1	PLAM-2	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
131	PHLEBOTOMY	LVT-1	RB-1	PLAM-2	PLAM-1	WC-1	PT-1A	PT-1A	WC-1	ACT-1	WHITE	9'-0"	--
C2	CORRIDOR 2	CPT-1	RB-1	--	--	PT-1	PT-1	PT-1	PT-1	ACT-1	WHITE	9'-0"	--
													--

GENERAL ROOM FINISH NOTES

A	REFER TO FINISH PLAN AND INTERIOR ELEVATIONS FOR WALL FINISHES. ALL FINISH ABBREVIATIONS SHOWN ON THIS SHEET IN FINISH KEY.
B	ALL SOLID WOOD, WOOD VENEER AND PLASTIC LAMINATE GRAIN SHALL BE VERTICALLY ORIENTATED UNLESS OTHERWISE NOTED.
C	DOOR FRAMES, HOLLOW METAL WINDOW FRAMES TO BE PT-2, STOREFRONT FRAMES TO MATCH EXISTING.
D	ALL FACES AND UNDERSIDES OF SOFFITS AND HEADERS TO BE PT-1 UNLESS OTHERWISE NOTES.
E	WALL EXPANSION JOINTS TO BE PAINTED PT-1 UNLESS OTHERWISE NOTED.
F	ALL ELECTRICAL PANELS AND METAL GRILLS SHALL BE PAINTED TO MATCH ADJACENT WALL SURFACE UNLESS OTHERWISE NOTED.
G	ALL GROUT TO BE GR-1, MEIPEI 14 BISCUIT UNLESS OTHERWISE NOTED.
H	WHERE A WALL IS INDICATED TO HAVE PARTIAL OR FULL HEIGHT WALL PROTECTION, THE ENTIRE WALL IS TO BE PAINTED PRIOR TO WALL PROTECTION INSTALLATION.
I	EXTEND ALL FINISHES BENEATH, BEHIND, AROUND ALL CASEWORK, EQUIPMENT, SIGNAGE, ETC.
J	ALL EXAM, LAB AND BREAKROOM SINKS TO BE STAINLESS STEEL.
K	ALL FLOOR MATERIALS TRANSITIONS AT DOORS TO BE MADE AT CENTER OF DOOR IN CLOSED POSITION.
L	SEE FINISH KEY FOR ALL TRANSITION MATERIALS AND LOCATIONS.
M	ROOM WC 116 IS TO HAVE A SIGN ON THE DOOR WITH THIS INFORMATION: DOOR AND ROOM NOT ADA COMPLIANT. ALL OTHER RESTROOMS 108, 115 AND 128 ARE ADA COMPLIANT. WC 115 IS DIRECTLY TO THE LEFT.

1

FINISHING KEY

LABEL	TYPE	MANUFACTURER	STYLE	COLOR	SIZE/NOTES
CEILING					
HC1	HARD CEILING	GYP BOARD	FLAT	TBD	
OPEN	OPEN TO STRUCTURE ABOVE	MANUFACTURER	STYLE	TBD	
ACT-1	2 X 2 CEILING GRID	USG MARS ACOUSTICAL PANEL	CLIMAPLUS PERFORMANCE	WHITE	USG DONN BRAND DX/DXL 15/16" ACOUSTICAL SUSPENSION SYSTEM (WHITE)
WALLS					
PT-1	PAINT	SHERWIN WILLIAMS	EGGSHELL	SW 6141 SOFTER TAN	FIELD PAINT
PT-1A	PAINT	SHERWIN WILLIAMS	EPOXY	SW 6141 SOFTER TAN	FIELD PAINT
PT-2	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	SW7048 URBAN BRONZE	HOLLOW METAL DOOR AND WINDOW FRAMES
PT-3	PAINT	SHERWIN WILLIAMS	FLAT FINISH	SW 7007 CEILING BRIGHT WHITE	CEILING PAINT
PT-4	PAINT	SHERWIN WILLIAMS	EGGSHELL	SW 6236 GRAYS HARBOR	ACCENT PAINT
PT-4A	PAINT	SHERWIN WILLIAMS	EPOXY	SW 6236 GRAYS HARBOR	ACCENT PAINT
PT-5	PAINT	SHERWIN WILLIAMS	EPOXY	SW7008 ALABASTER	LAB PAINT
WT-1	WALL TILE	DALTILE	COVE CREEK	WHITE, MATTE FINISH - 12 x 24	1/3 OFFSET INSTALLATION
FRP-1	WALL BOARD	PANOLAM SURFACE SYSTEMS	FIBERGLASS REINFORCED PLASTIC	WHITE	
WC-1	VINYL WALL COVERING	MDC	ESQUIRE COLLECTION	PAKHRA ASH MPK9418	EXAMS
WC-2	VINYL WALL COVERING	MDC	ESQUIRE COLLECTION	PAKHRA SLATE MPK9414	WAITING ROOM
WP-1	WALL PROTECTION	INPRO	RIGID SHEET	GALA 0380	EXAMS, USE MATCHING TRIMS
WP-2	WALL PROTECTION	INPRO	ELEMENTS PATTERNS	5E018 FIBER TERRA	TBD, USE MATCHING TRIMS
WALL TRIM					
WT-1	METAL WALL TRIM (CORNER EDGE)	SCHLUTER	ECK-K	BRUSHED STAINLESS STEEL	TO BE USED WITH WC-1 AND WC-2
WT-2	METAL WALL TRIM (TOP EDGE)	SCHLUTER	JOLLY	BRUSHED STAINLESS STEEL	TO BE USED AT TOP OF MT-1
COUNTERS & CABINETS					
PLAM-1	PLASTIC LAMINATE	NEVAMAR	W8294	CROWN CHERRY	USE MATCHING EDGE BANDING
PLAM-2	PLASTIC LAMINATE	NEVAMAR	EM6001	AGED ELEM.ENTS	USE MATCHING EDGE BANDING
SSF-1	SOLID SURFACE	LG HAUSYS	HI-MACS	GT914 MERINO	1/2" THICK, EASED EDGE
QTZ-1	QUARTZ	CAMBRIA	CLASSIC COLLECTION	DOVEDALE	3 CM THICK, SEACLIFF PROFILE, GLOSS FINISH
WALL BASE					
B-1	METAL COVE BASE	SCHULTER	DILEX-AHK	SATIN NICKEL ANODIZED ALUMINUM	TO BE USED WITH WT-1 AND T-1 ON TOILET WET WALL
B-2	PORCELAIN TILE BASE	DALTILE	COVE CREEK	CC10 GREY	CUT DOWN TO 6 X 24, TO BE USED ON NON-WET WALLS IN TOILETS, APPLY SCHLUTER TRIM TO FINISH
RB-1	RESILIENT BASE	JOHNSONITE	4" COVE - BASEWORKS THERMOSET (TX)	63 BURNT UMBER	
RB-2	RESILIENT BASE	JOHNSONITE	4-1/4" MILLWORK REVEAL	63 BURN UMBER	WAITING ROOM/MITER CORNERS
FLOORING					
CPT-1	CARPET	PATCRAFT	I0290 - THOUGHT MODULAR	00550 - UNDERSTANDING	MONOLITHIC INSTALLATION
LVT-1	LUXURY VINYL PLANK	ARMSTRONG	CLASSICS BUCKHEAD OAK	SAVANNAH TP101	ASHLAR INSTALLATION
T-1	PORCELAIN FLOOR TILE	DALTILE	COVE CREEK	CC10 GRAY	1/3 OFFSET INSTALLATION
T-2	PORCELAIN FLOOR TILE	VIRGINIA TILE	ATLAS CONCORDE - SIGN	WHITE, MATTE FINISH, 12" X 24"	1/3 OFFSET INSTALLATION
T-3	PORCELAIN FLOOR TILE	ERGON	ARCHITECT RESIN 639GSR	LONDON SMOKE, MATTE FINISH 12" X 24	1/3 OFFSET INSTALLATION
CONC	SEALED CONCRETE	--	--	--	--
GR-1	GROUT	MEIPEI	ULTRA COLOR PLUS MAX	14 BISCUIT	TO BE USED WITH ALL T-1, WT-1 AND TRIMS
FLOOR TRANSITIONS					
TR-1	RUBBER TRANSITION STRIP	JOHNSONITE	SLTC-XX-J	63 BURN UMBER	LVT TO CARPET
TR-2	METAL TRANSITION STRIP	SCHLUTER	SCHIENE	BRUSHED STAINLESS STEEL	CARPET TO FLOOR TILE
TR-3	METAL TRANSITION STRIP	SCHLUTER	RENO-U	BRUSHED STAINLESS STEEL	FLOOR TILE TO LVT
FABRICS					
F-1	PRIVACY CURTAIN	TBD	TBD	TBD	
F-2	TACK BOARD FABRIC	MAHARAM	MANNER 466177	005 HUSH	

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ARCHITECTURAL PROJECT NUMBER
2021027

FINISH
SCHEDULES
AND DETAILS

SHEET NUMBER

A-602

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MECHANICAL/PLUMBING SPECIFICATION

1. INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL MECHANICAL, PLUMBING AND FUEL GAS CODES, NFPA 90A AND 101 AND ALL STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS.
2. PLANS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER THE CODE WHERE CODE REQUIREMENTS ARE EXCEEDED.
3. DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO INDICATE THE GENERAL DESIGN CONCEPT. THEY DO NOT NECESSARILY INDICATE EACH AND EVERY FITTING OR FEATURE. THE CONTRACTOR SHALL PROVIDE ALL ITEMS NECESSARY FOR AN INSTALLATION THAT IS COMPLETE IN EVERY RESPECT.
4. DRAWINGS SHOWING EXISTING CONDITIONS ARE BASED ON INFORMATION FURNISHED BY OTHERS. EXISTING BUILDING CONSTRUCTION & RECORD DRAWINGS AND LIMITED SITE OBSERVATIONS. THEY ARE INTENDED TO INDICATE DESIGN CONCEPTS ONLY AND ARE NOT GUARANTEED TO BE 100% ACCURATE OR ALL INCLUSIVE NOR DO THEY NECESSARILY SHOW EACH AND EVERY FITTING AND DEVICE NOR ARE THEY GUARANTEED TO SHOW EACH AND EVERY ITEM REQUIRING REMOVAL AND/OR RELOCATION. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS AND HOW THEY MAY AFFECT THE PROSECUTION OF THE WORK OF THIS CONTRACT.
5. CONTRACTOR SHALL FULLY COOPERATE WITH THE GENERAL CONTRACTOR TO MAINTAIN THE SCHEDULE AND PHASING OF THE WORK. REFER TO ARCHITECTURAL AND DIVISION 1 SPECIFICATIONS.
6. 'FURNISHED' SHALL MEAN CONTRACTOR SHALL SUPPLY THE INDICATED ITEM. 'INSTALLED' SHALL MEAN CONTRACTOR SHALL PROVIDE LABOR TO PLACE THE ITEM IN SERVICE. 'PROVIDED' SHALL MEAN CONTRACTOR SHALL FURNISH AND INSTALL THE ITEM.
7. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS. DO NOT SCALE MECHANICAL DRAWINGS. CONFORM TO ARCHITECTURAL AND STRUCTURAL REQUIREMENTS FOR EXACT PLACEMENT AND LOCATION OF EQUIPMENT AND FOR REQUIRED STRUCTURAL SUPPORT, BRACING AND REINFORCEMENT.
8. REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC REQUIREMENTS CONCERNING EQUIPMENT PAD CONSTRUCTION, STRUCTURAL SUPPORTS AND MOUNTINGS FOR MECHANICAL EQUIPMENT AND SUPPLEMENTAL STEEL.
9. VERIFY ALL ACTUAL JOB CONDITIONS AND DETERMINE WHICH MAY AFFECT PROSECUTION OF THE WORK. COORDINATE WITH BUILDING STRUCTURE, EXISTING CONDITIONS AND ALL OTHER TRADES AS REQUIRED TO PROPERLY, NEATLY AND ORDERLY INSTALL ALL SYSTEMS WITHIN THE CONFINES OF THE SPACE AVAILABLE AND WITHOUT INTERFERENCES. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE PURCHASE OF EQUIPMENT AND COMMENCEMENT OF THE WORK. FAILURE TO DETERMINE ACTUAL CONDITIONS WILL NOT BE CONSIDERED GROUNDS FOR GRANTING ADDITIONAL COMPENSATION OR TIME.
10. VERIFY EXACT LOCATION, SIZE, CONDITION AND SERVICE OF EXISTING DUCTWORK, PIPING AND EQUIPMENT. DETERMINE SUITABILITY OF USE, CAPACITY AND CONNECTION PRIOR TO MAKING NEW CONNECTIONS. NOTIFY A/E OF ANY OBSERVED OR SUSPECTED DEFICIENCY.
11. VERIFY ALL EQUIPMENT TO BE INSTALLED (WHETHER FURNISHED BY THIS CONTRACTOR OR BY OTHERS). CONFORM WITH VENDOR CONNECTION SIZES, TYPES AND LOCATION AND PROVIDE MATCHING DUCT AND/OR PIPING CONNECTIONS, SIZES AND TYPES AFTER EQUIPMENT PROCUREMENT. PROVIDE ALL FITTINGS AND ACCESSORIES FOR A COMPLETE CODE COMPLIANT WORKING INSTALLATION.
12. COORDINATE EXACT LOCATIONS AND ORIENTATION OF EQUIPMENT WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. EQUIPMENT SHALL BE SCREENED IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENTS AND AS SHOWN ON ARCHITECTURAL DRAWINGS.
13. EQUIPMENT AND MATERIALS IDENTIFIED ON THESE DRAWINGS SHALL BE FURNISHED AS SPECIFIED EXCEPT THAT EQUIVALENT PRODUCTS BY ALTERNATE MANUFACTURERS THAT MEET ALL SPECIFICATION REQUIREMENTS MAY BE CONSIDERED. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE A/E FOR ANY SUBSTITUTION. APPROPRIATE DOCUMENTATION PROVING THAT THE PRODUCT IS EQUAL TO THAT SPECIFIED MAY BE REQUESTED BY THE A/E. THE BURDEN OF PROOF THAT THE PRODUCT IS EQUIVALENT SHALL BE WHOLLY THE RESPONSIBILITY OF THE SUBMITTING CONTRACTOR. ALL EQUIPMENT SHALL BE PROVIDED WITH A 1-YEAR WARRANTY UNLESS OTHERWISE NOTED.
14. DUCTWORK FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH SMACNA STANDARDS.
15. ALL DUCTWORK SHALL BE SHEET METAL, CONSTRUCTED TO SMACNA STANDARDS, MINIMUM OF 2" WG PRESSURE CLASS, AND SEAL CLASS 'B' MINIMUM. ALL LONGITUDINAL AND TRANSVERSE JOINTS TO BE SEALED EXCEPT AS OTHERWISE NOTED. ROUND AND FLEX DUCT CONNECTIONS SHALL BE MADE WITH SPIN COLLARS WITH EXTRACTORS AND VOLUME DAMPERS.
16. DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS. CONTRACTOR SHALL INCLUDE AN ALLOWANCE FOR 1" DUCT LINER IN LOW VELOCITY DUCTS WHERE APPLICABLE.
17. DUCT RUNOUT SIZES NOT SHOWN SHALL BE THE SAME SIZE AS THE DIFFUSER NECK CONNECTION.
18. MOUNT DIFFUSERS IN LOCATIONS AS SHOWN, COORDINATE WITH CEILING GRID, LIGHTING, SPRINKLERS AND OTHER CEILING MOUNTED DEVICES. LIGHTING AND SPRINKLER HEAD PLACEMENT SHALL TAKE PRECEDENCE. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN WHERE APPLICABLE.
19. CONTRACTOR SHALL INSURE THAT A PROPER RETURN AIR PATH EXISTS FROM EACH SPACE. WHERE NOT OTHERWISE INDICATED AND IN RETURN AIR PLENUM APPLICATIONS, PROVIDE FLANGED RETURN AIR OPENINGS ABOVE CEILING LEVEL, THRU WALLS TO STRUCTURE, SO THAT RETURN AIR VELOCITY AND PRESSURE DROP DOES NOT EXCEED 1000 FPM AND 0.065" WG/100' RESPECTIVELY.
20. PROVIDE FLEXIBLE FABRIC CONNECTORS AT ALL DUCTWORK CONNECTIONS TO ROTATING EQUIPMENT. CONNECTORS EXPOSED TO SUNLIGHT SHALL BE MADE OF UV RESISTANT MATERIAL.
21. ROUND OR OVAL EXPOSED DUCT SHALL BE SPIRAL DUCT, PAINT GRADE WHERE SCHEDULED BY ARCHITECT TO BE PAINTED.
22. FLEX DUCT SHALL BE UL CLASS 1 AIR DUCT SUITABLE FOR +/- 2" WG PRESSURE WITH 1-1/2" FIBERGLASS INSULATION WITH AL SERVICE JACKET, 5' MAXIMUM LENGTH, ENDS BANDED IN PLACE AND TAPED WITH FOI TAPE. ADEQUATELY SUPPORT FLEX DUCT TO PREVENT KINKS OR OBSTRUCTIONS. PROVIDE SHEET METAL ELBOW OR THERMAFLEX 'FLEXFLOW' ELBOW SUPPORT AT DIFFUSER CONNECTION.
23. ALL MECHANICAL AND PLUMBING EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS AND PER LISTINGS. PROVIDE MANUFACTURER'S RECOMMENDED OPERATING AND SERVICE CLEARANCES FOR EQUIPMENT. THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS AND DIFFERING CLEARANCE REQUIREMENTS OF ACTUAL EQUIPMENT FURNISHED.
24. SUPPORT ALL SUSPENDED EQUIPMENT, DUCTWORK AND PIPING INDEPENDENTLY, DIRECTLY FROM STRUCTURAL MEMBERS (NOT METAL DECK) IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND INDUSTRY STANDARDS TO PREVENT SAGS AND DIPS. PROVIDE STRUTS AND PIPE CLAMPS ON 8' CENTERS AND SUPPORT ALL PIPING RISERS AT BASE OF RISER. THE USE OF RISER CLAMPS TO SUPPORT VERTICAL PIPING IS PROHIBITED.
25. ALL WATER BEARING PIPING SHALL BE SLOPED FOR DRAINAGE WITH BALL DRAIN VALVES AT LOW POINTS.
26. PROVIDE ACCESS PANELS TO PROVIDE ACCESS TO INACCESSIBLE VALVES, DAMPERS ANY ANY OTHER EQUIPMENT/DEVICES THAT REQUIRE ADJUSTMENT OR REPLACEMENT.
27. DRAINAGE PIPING SHALL BE SLOPED IN ACCORDANCE WITH CODE, BUT NOT LESS THAN 1/8" PER FOOT FOR 3" AND LARGER PIPING AND 1/4" PER FOOT FOR 2-1/2" AND SMALLER PIPING. ALL INVERT ELEVATIONS SHALL BE COORDINATED WITH THE STRUCTURAL FOOTINGS.
28. PROVIDE DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR METALS.
29. WHERE CHILLED CONDENSATE FROM INDOOR UNITS CANNOT BE POSITIVELY DRAINED, PROVIDE CONDENSATE PUMP ACCESSORY WITH THE EQUIPMENT.

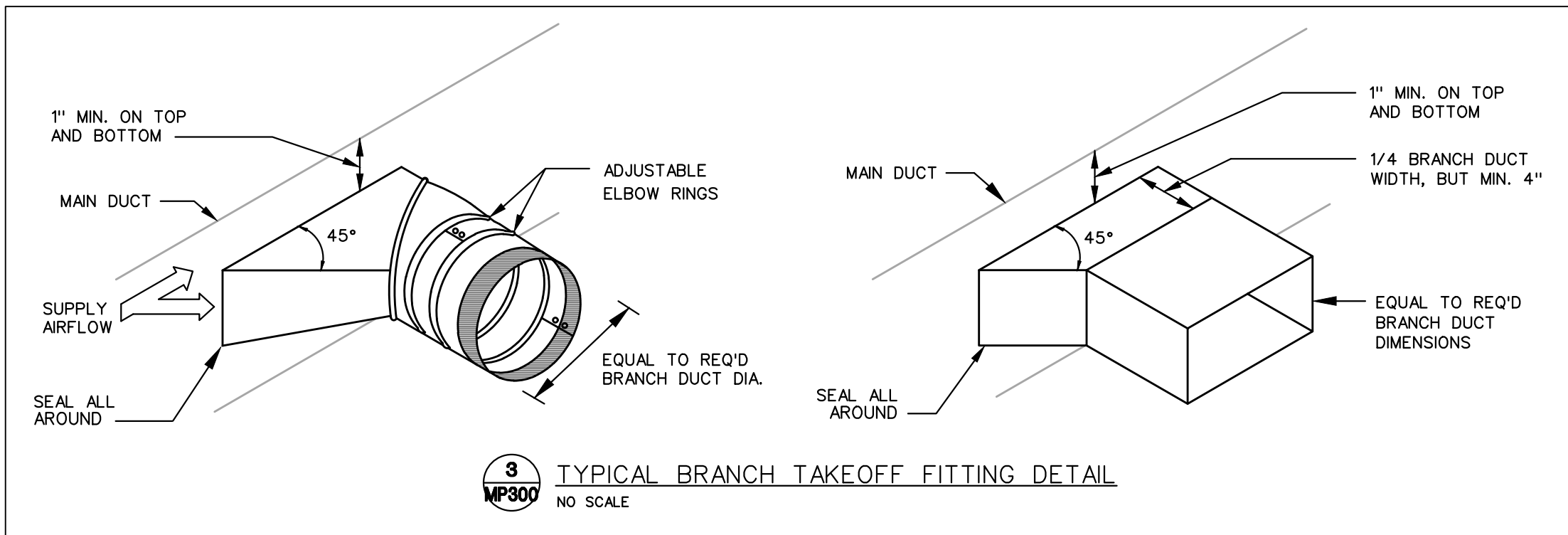
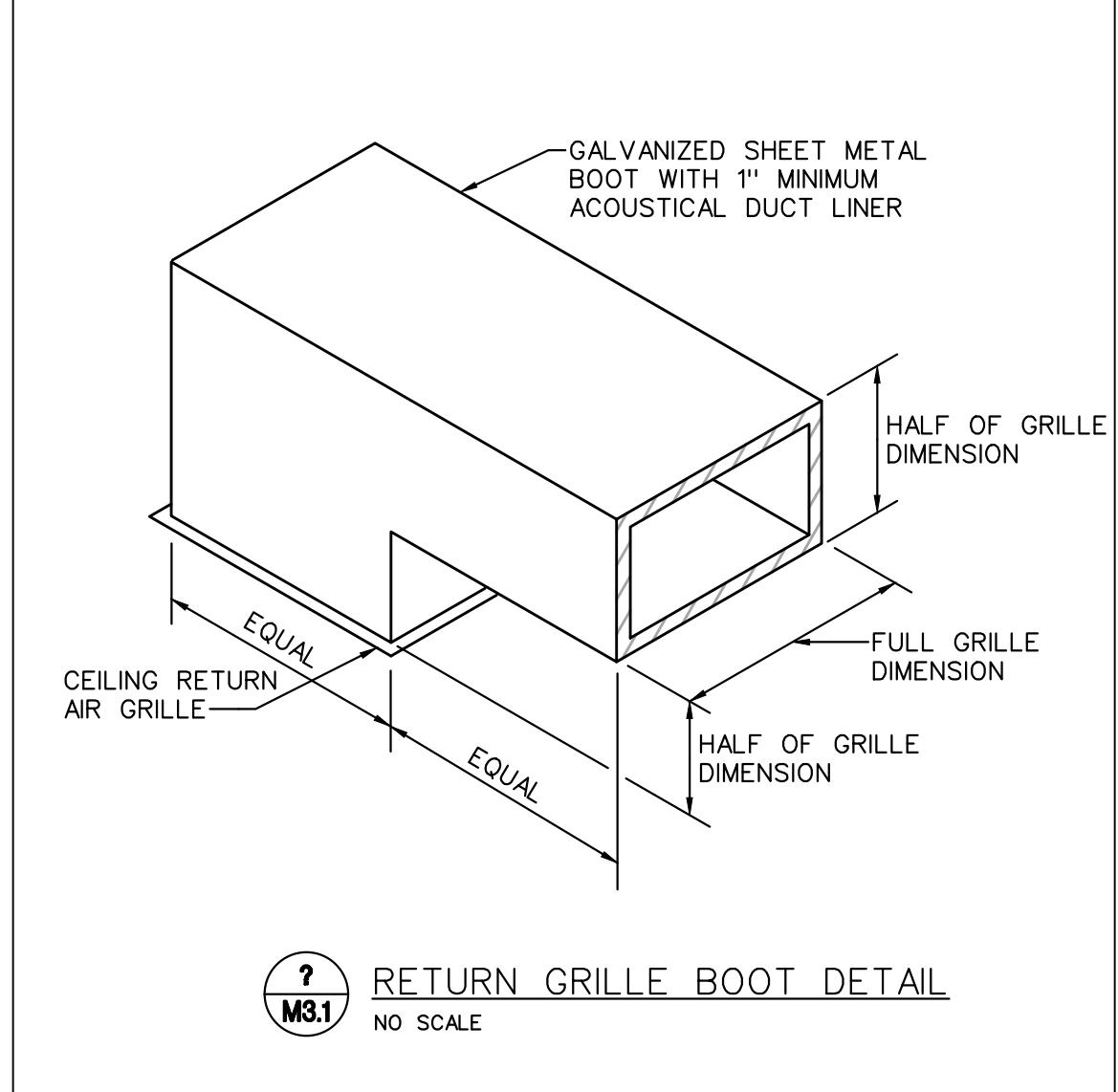
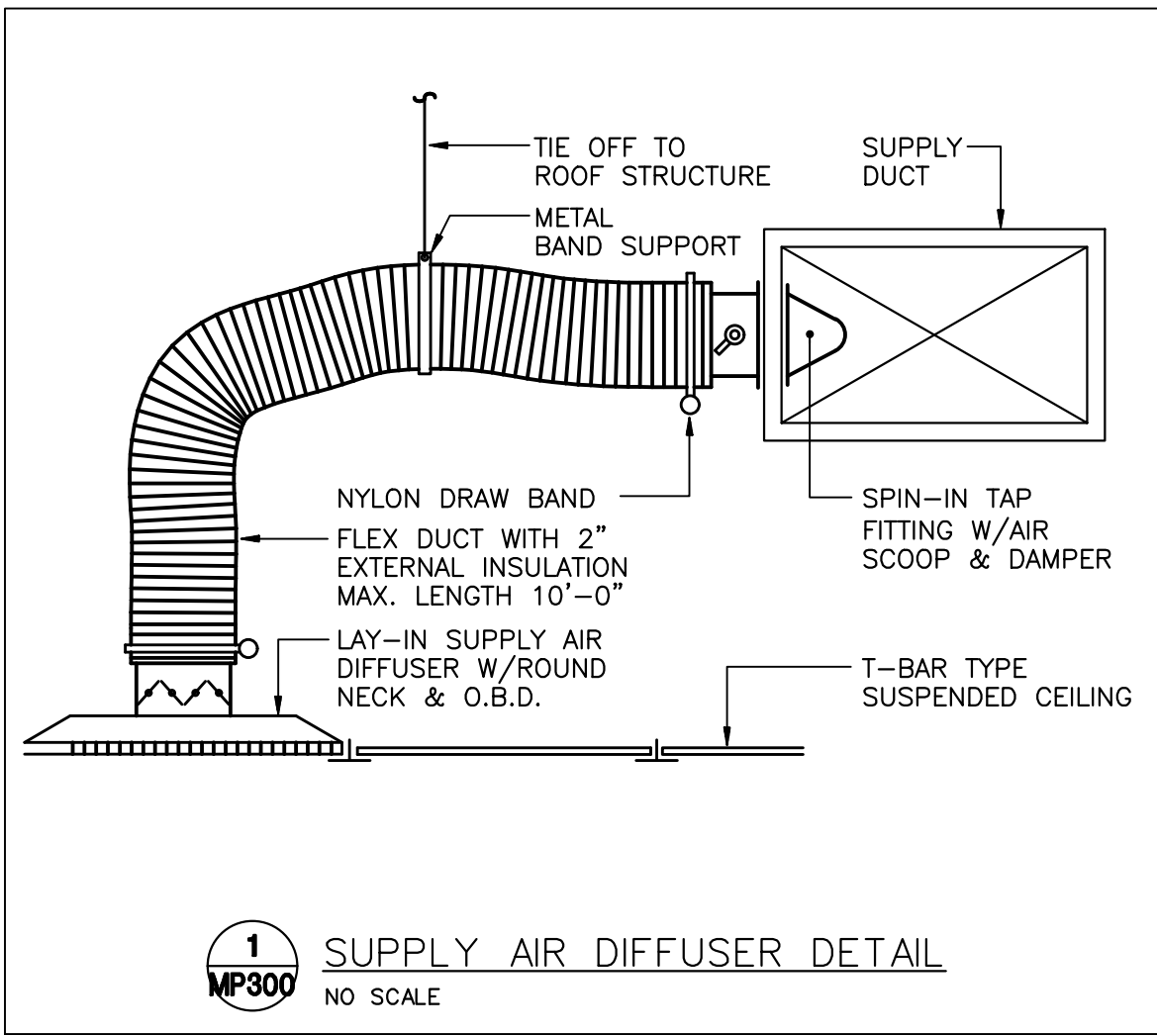
30. COORDINATE ALL UNDERGROUND PIPING WITH GRADE BEAMS, WALL FOOTINGS, COLUMN FOUNDATIONS AND OTHER STRUCTURAL CONDITIONS. COORDINATE FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES.COORDINATE EXACT SIZE AND LOCATION OF ALL SLEEVES WITH STRUCTURAL ENGINEER. ALL PENETRATIONS SHALL BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
31. CAULK AND SEAL ALL DUCT AND PIPING PENETRATIONS OF EXTERIOR OR DEMISING WALLS.
32. THE CONTRACTOR SHALL TAKE CARE TO MAINTAIN THE INTEGRITY OF ALL FIRE RATED AND SOUND RATED ASSEMBLIES.
33. ABOVE AND BELOW GROUND WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC WITH SOLVENT CEMENT JOINTS, EXCEPT USE STANDARD WEIGHT NO-HUB CAST IRON IN AIR PLENUMS. VENT PIPING MAY BE SCHEDULE 40 GALVANIZED STEEL WITH SCREWED JOINTS. PAINT ALL EXTERIOR PIPING WITH UV RESISTANT PAINT.
34. ABOVE GROUND WATER PIPING SHALL BE TYPE 'L' HARD COPPER WITH LEAD FREE SOLDER JOINTS.
35. NATURAL GAS PIPING (ABOVE GROUND) SHALL BE SCHEDULE 40 BLACK STEEL WITH THREADED JOINTS. CONNECT USING JOINT COMPOUND SUITABLE FOR NATURAL GAS PIPING. ALL EXPOSED BLACK STEEL NATURAL GAS PIPING SHALL BE PROTECTED WITH A RUST INHIBITING COATING IN ACCORDANCE WITH THE PLUMBING CODE.
36. SERVICE VALVES FOR WATER PIPING SYSTEMS UP THRU 2" SHALL BE 1/4 TURN, 150 LB. BALL VALVE WITH BRONZE CHROME PLATED BALL AND TFE SEATS, NIBCO S-585-70.
37. DOMESTIC WATER PIPING SHALL BE INSULATED WITH 1" FIBERGLASS WITH ALL SERVICE JACKET OR COMPARABLE UNCCELLULAR INSULATION WITH SMOKE/FLAME RATING OF 25/50. WHEN INSTALLED WITHIN A CHASE ALONG AN EXTERIOR WALL, THE INSULATION SHALL BE 1-1/2" FIBERGLASS AND THE PIPING SHALL BE LOCATED ON THE INTERIOR SIDE OF THE BUILDING WALL INSULATION.
38. GAS SERVICE VALVES TO BE LUBRICATED PLUG COCKS, ROCKWELL 142 OR 143. CONNECTIONS TO EQUIPMENT SHALL HAVE SERVICE VALVES, 6" MINIMUM DIRT LEG AND UNION OR AT CONTRACTOR OPTION, UL LISTED APPLIANCE FLEXIBLE CONNECTORS MAY BE USED.
39. PROVIDE PLUMBING FIXTURES AS SCHEDULED OR SELECTED BY OWNER WITH ALL REQUIRED TRIM AND ACCESSORIES FOR A COMPLETE WORKING AND CODE COMPLIANT INSTALLATION. PROVIDE STOP VALVES AND WATER HAMMER ARRESTORS, SIZED AS INDICATED OR PER MANUFACTURER FOR EACH FIXTURE OR EACH GROUP OF FIXTURES. REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION OF THE FIXTURES.
40. MEET ALL REQUIREMENTS OF THE ADA FOR ALL FIXTURES REQUIRED TO BE HANDICAP ACCESSIBLE. INSULATE PIPING BENEATH HANDICAP FIXTURES PER ADA, HANDI-LAV-GARD SYSTEM OR EQUIVALENT.
41. ALL POWER WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. DISCONNECT SWITCHES AND MOTOR STARTERS SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR, EXCEPT WHERE SPECIFICALLY INDICATED TO BE FURNISHED BY THE MECHANICAL CONTRACTOR. COORDINATE REQUIRED POWER FOR EQUIPMENT WITH THE ELECTRICAL CONTRACTOR.
42. ALL CONTROL DEVICES AND INTERLOCK WIRING SHALL THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. CONTRACTOR SHALL FURNISH LOCKING GUARDS FOR DEVICES WHERE INDICATED AND WHERE REQUIRED TO PROTECT THEM FROM PHYSICAL DAMAGE. PROVIDE INSULATED SUBBASES WHERE SENSORS ARE INSTALLED ON 'COLD' OR EXTERIOR WALLS. MOUNT CONTROL DEVICES SUCH AS THERMOSTATS AND SENSORS AT 46" AFF.
43. CONTRACTOR SHALL BE RESPONSIBLE FOR EQUIPMENT HANDLING AND TRANSPORT FOR ITEMS HE FURNISHES AND/OR INSTALLS. HE SHALL BE RESPONSIBLE FOR PROVIDING FOR ACCESS INTO SPACES WHERE WORK IS TO OCCUR.
44. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, PATCHING, FLASHING AND REPAIR OF ROOFS, BUILDING STRUCTURE, COMPONENTS AND FINISHES ASSOCIATED WITH HIS WORK.
45. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES ASSOCIATED WITH CONSTRUCTION ACTIVITY. HE SHALL RESTORE REPAIRED OR REMODELED AREAS TO EXISTING CONDITIONS AND NEW CONSTRUCTION AREAS TO NEW CONDITION. ALL REPAIRS SHALL BE IN ACCORDANCE WITH THE APPLICABLE ARCHITECTURAL AND STRUCTURAL PROVISIONS. TO THE GREATEST EXTENT POSSIBLE, EXISTING BUILDING MATERIALS SHALL NOT BE DISTURBED.
46. TEST AND CLEAN PIPING SYSTEMS PER INDUSTRY STANDARDS. PRESSURE TEST OF PRESSURE PIPING SHALL BE AT 1-1/2 TIMES THE ANTICIPATED OPERATING PRESSURE, BUT NOT LESS THAN 50 PSIG FOR 2 HOURS. NON-PRESSURIZED SYSTEMS SHALL BE TESTED WITH 10' WATER COLUMN ABOVE NORMAL OPERATING CONDITIONS OR 5 PSI FOR 2 HOURS. THERE SHALL BE NO MEASURABLE DROP DURING THE TEST PERIOD.
47. TEST AND BALANCE ALL SYSTEMS PER NEBB STANDARDS. SUBMIT CERTIFIED REPORTS TO ARCHITECT FOR APPROVAL.

FIRE SPRINKLER SPECIFICATION NOTES

1. ENTIRE BUILDING SHALL BE FIRE SPRINKLED IN ACCORDANCE WITH NFPA. CONTRACTOR SHALL PROVIDE SYSTEM HYDRAULIC CALCULATIONS AND COMPLETE SYSTEM LAYOUT IN ACCORDANCE WITH NFPA AND REQUIREMENTS INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS. SPRINKLER HEADS SHALL BE CHROME FINISHED PENDANT, SEMI-RECESSED OR ROUGH BRASS UPRIGHT IN UNFINISHED AREAS.
2. ALL CONCEALED AREAS INCLUDING CANOPIES, OVERHANGS AND ATTICS SHALL HAVE FIRE SPRINKLER PROTECTION WITH A DRY PIPE OR ANTIFREEZE SYSTEM WHERE REQUIRED BY NFPA 13.
3. ALL FIRE PROTECTION SYSTEM VALVES, FITTINGS AND OTHER COMPONENTS SHALL BE UL AND FM LISTED FOR FIRE SERVICE.
4. UNDERGROUND FIRE PROTECTION PIPING SHALL BE CLASS 50 CEMENT LINED DUCTILE IRON WITH MECHANICAL COMPRESSION JOINTS.
5. ABOVE GROUND FIRE PROTECTION PIPING SHALL BE SCHEDULE 40 BLACK STEEL, WELDED, ROLL OR CUT GROOVE OR SCREWED JOINTS. AT CONTRACTOR OPTION, SCHEDULE 10 ROLL GROOVE OR ALLIED XL PIPING MAY BE USED.
6. WHERE PERMITTED, SPRINKLER PIPING UP THRU 3" SIZE MAY BE SCHEDULE 40 OR SCHEDULE 80 CPVC PIPING WITH SOLVENT CEMENT OR SCREWED JOINTS (WET SYSTEMS ONLY).

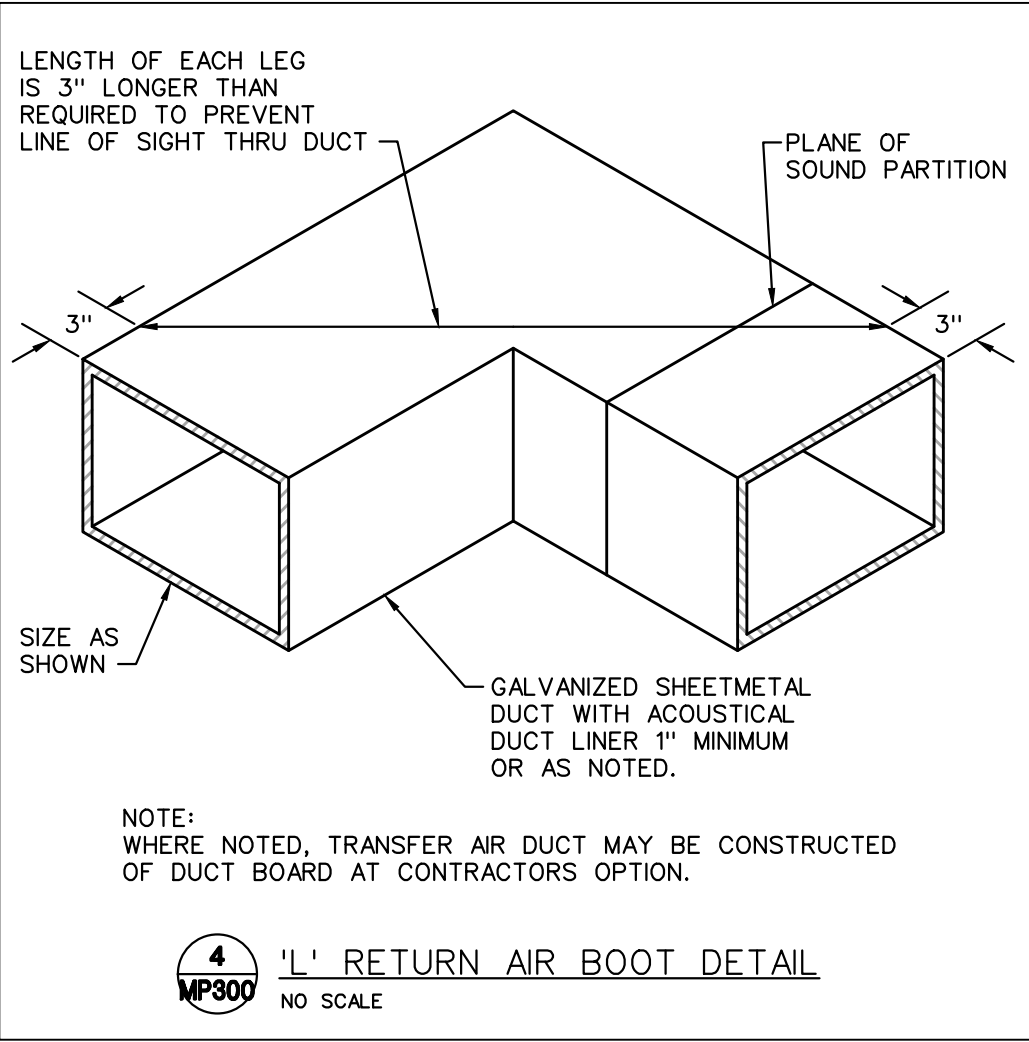
HVAC SYSTEM SAFETY CONTROLS

1. DUCT SMOKE DETECTORS SHALL BE FURNISHED BY THE HVAC CONTRACTOR. SEE ELECTRICAL FOR INTEGRATION OF ALL SMOKE DETECTION AND SHUTDOWN OF EQUIPMENT. ALL HVAC EQUIPMENT IN EXCESS OF 2000 CFM SHALL BE EQUIPPED WITH SMOKE DETECTORS IN THE RETURN AIR STREAM OF THE UNIT. WHERE MULTIPLE HVAC UNIT FANS SHARE A COMMON RETURN AIR PLENUM (IN EXCESS OF 2,000 CFM COMBINED), ALL HVAC UNITS (INCLUDING VAV BOX FANS OR OTHER FANS ASSOCIATED WITH THE PLENUM) SHALL BE PROVIDED WITH A SMOKE DETECTOR. WHERE DUCT MOUNTED DETECTORS ARE SHOWN OR REQUIRED, USE DUCT INSERTION TUBE TYPE DETECTORS. IF FIRE ALARM SYSTEM IS INSTALLED, COORDINATE TYPE OF SMOKE DETECTOR WITH THE FIRE ALARM CONTRACTOR. IF A FIRE ALARM SYSTEM IS NOT PROVIDED, COORDINATE INSTALLATION OF A STROBE/HORN WITH THE ELECTRICAL CONTRACTOR TO NOTIFY OCCUPANTS OF THE SENSING OF SMOKE AT A SMOKE DETECTOR.



PLUMBING FIXTURE SCHEDULE

- A. INSTALL PLUMBING FIXTURES AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. VERIFY ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S DRAWINGS AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WATER-CONSERVING FIXTURES AND APPURTENANCES IF/AS REQUIRED BY LOCAL AUTHORITIES. CONFIRM ALL LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS AND/OR SPECIFICATIONS. CAULK FIXTURES TO WALLS/FLOORS. SET COVERER MOUNTED SINKS AND LAVATORIES IN A BED OF CAULK. THE SPECIFIED PLUMBING FIXTURES, OR APPROVED EQUALS, SHALL BE USED UNLESS OTHERWISE NOTED OR INDICATED.
- B. WATER CLOSET (WC-1), TOTO #CST744S, VITREOUS CHINA, FLOOR-MOUNTED, ELONGATED BOWL, SIPHON JET ACTION, CLOSE-COUPLED TANK TYPE WATER CLOSET, 16-GPF, 14-5/8" HIGH, FULLU GLAZED TRAPWAY AND MANUFACTURER'S BOLT CAPS, CHROME-PLATED BRASS TRIP LEVER AND 3/8" FLEXIBLE RISER WITH LOOSE KEY QUARTER TURN ANGLE STOP VALVE. PROVIDE TOTO #SC534 WHITE ELONGATED OPEN FRONT SEAT LESS COVER.
- C. WATER CLOSET (WC-1H), TOTO #CSC744SL.01, FLOOR-MOUNTED, CONSTRUCTED OF VITREOUS CHINA, MEETING ANSI A-117.1 AND ADA BARRIER-FREE REQUIREMENTS, 17" HIGH, 16-GALLON FLUSH, CLOSE-COUPLED TANK DESIGN WITH ELONGATED BOWL AND SIPHON JET ACTION. TANK SHALL BE VITREOUS CHINA WITH COVER, 3/8" FLEXIBLE RISER WITH LOOSE KEY ANGLE STOP VALVE, CHROME-PLATED BRASS TRIP LEVER AND MANUFACTURER'S BOLT CAPS. PROVIDE BENKE #527 WHITE ELONGATED OPEN FRONT SEAT LESS COVER, PERMA BUMPER.
- D. LAVATORY (LAV-1) TOTO #LT307.4 (20"X18"), WALL-HUNG TYPE, CONSTRUCTED OF VITREOUS CHINA. LAVATORY SHALL HAVE 4-INCH FAUCET CENTERS AND DRILLED FOR CONCEALED ARM CARRIER. PROVIDE 3/8-INCH FLEXIBLE RISER W/ANGLE SUPPLIES WITH LOOSE KEY STOPS, 1-1/4-INCH INLET 1-1/2-INCH OUTLET CHROME PLATED CAST BRASS "P" TRAP W/CLEANOUT PLUG AND ESCUTCHEON W/SET SCREW. PROVIDE DELTA #523-WFHDF HEAVY DUTY SINGLE LEVER FAUCET, 4-INCH CENTERS, VANDAL-RESISTANT 2.2 GPM AERATOR, PERFORATED GRID DRAIN (W/ 1-1/4" TAILPIECE) AND VANDAL-RESISTANT SINGLE LEVER HANDLE. PROVIDE WITH WADE CARRIER (TO MATCH WALL TYPE). SEE ARCHITECTURAL PLANS FOR MOUNTING DETAILS.
- E. LAVATORY (LAV-1H), TOTO #LT307.4 (20"X18"), WALL-HUNG TYPE, CONSTRUCTED OF VITREOUS CHINA, MEETING ANSI A-117.1 AND ADA BARRIER-FREE REQUIREMENTS. LAVATORY SHALL HAVE 4-INCH FAUCET CENTERS AND DRILLED FOR CONCEALED ARM CARRIER. PROVIDE 3/8-INCH FLEXIBLE RISER W/ANGLE SUPPLIES WITH LOOSE KEY STOPS, 1-1/4-INCH INLET 1-1/2-INCH OUTLET CHROME PLATED CAST BRASS "P" TRAP W/CLEANOUT PLUG AND ESCUTCHEON W/SET SCREW. PROVIDE DELTA #523-WFOGHDF HEAVY DUTY SINGLE LEVER FAUCET, 4-INCH CENTERS, VANDAL-RESISTANT 2.2 GPM AERATOR, PERFORATED OFFSET GRID DRAIN (W/ 1-1/4" TAILPIECE) AND VANDAL-RESISTANT SINGLE LEVER HANDLE. PROVIDE WITH J.R. SMITH CARRIER (TO MATCH WALL TYPE). MOUNT AT ADA HEIGHT AND MAINTAIN CLEARANCES UNDER LAVATORY AS REQUIRED BY ADA REGULATIONS. INSULATE WASTE AND HOT WATER SUPPLY UNDER LAVATORY WITH UNDERSINK PROTECTIVE PIPE COVER, MOLDED, ANTIMICROBIAL, WITH FLUSH REUSABLE FASTENERS, TRUEBRO LAV GUARD.
- F. SINK (SK-1), JUST #SL-2217-A-GR, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL, SELF RIMMING, UNDERSIDE FULLY UNDERCOATED WITH SOUND DAMPENING MATERIAL, 3 HOLE PUNCH, NOMIAL DIMENSIONS 22"x17"x7'-1/2" DEEP. PROVIDE WITH DELTA COMMERCIAL #27T2934 HEAVY DUTY DECKMOUNT SINK FAUCET, 6" RIDG/SWIVEL GOOSENECK SPOUT, 8" CENTERS, 2.0 GPM VANDAL-RESISTANT AERATOR, BASKET STRAINER DRAIN, 1-1/2" TAILPIECE, 3/8-INCH FLEXIBLE RISER W/ANGLE SUPPLIES WITH LOOSE KEY STOPS, 1-1/2-INCH INLET 2-INCH OUTLET CHROME PLATED CAST BRASS "P" TRAP W/CLEANOUT PLUG AND ESCUTCHEON W/SET SCREW. COORDINATE MOUNTING WITH CASEWORK. SEE ARCHITECTURAL PLANS.
- G. SINK (SK-2), JUST #DL-2133-A-GR, DOUBLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL, SELF RIMMING, UNDERSIDE FULLY UNDERCOATED WITH SOUND DAMPENING MATERIAL, 4 HOLE PUNCH, NOMINAL DIMENSIONS OF 21"x33"x8" DEEP. PROVIDE WITH DELTA #400-WFELHDF HEAVY DUTY SINGLE LEVER SINK FAUCET WITH SPRAYER, 8" LONG SWIVEL SPOUT, 8" CENTERS, 2.0 GPM VANDAL-RESISTANT AERATOR, JUST J-35 BASKET STRAINER DRAIN, 1-1/2" TAILPIECE, 3/8-INCH FLEXIBLE RISER W/ANGLE SUPPLIES WITH LOOSE KEY STOPS AND 1-1/2-INCH INLET 2-INCH OUTLET CHROME PLATED CAST BRASS "P" TRAP W/CLEANOUT PLUG AND ESCUTCHEON W/SET SCREW. COORDINATE MOUNTING WITH CASEWORK. SEE ARCHITECTURAL PLANS.
- H. ELECTRIC WATER COOLER (EWC-1), OASIS #FBACSL, BI-LEVEL BARRIER FREE WITH STAINLESS STEEL TOP WITH SATIN FINISH, SANDSTONE POWDER COAT FINISH ON GALVANIZED STEEL CABINET, FRONT AND SIDE TOUCHPAD OPERATORS, FLEXIBLE BUBBLER GUARD, EXTERNAL STREAM HEIGHT ADJUSTMENT, 8 GPH @ 90°F AMBIENT. PROVIDE 3/8-INCH FLEXIBLE RISER W/ANGLE SUPPLIES WITH LOOSE KEY STOPS, AND 1-1/4-INCH INLET 1-1/2-INCH OUTLET CHROME-PLATED CAST BRASS "P" TRAP W/CLEANOUT PLUG AND ESCUTCHEON W/SET SCREW. MOUNT PER MANUFACTURER'S INSTRUCTIONS AND AS SHOWN ON THE ARCHITECTURAL PLANS.
- I. MOP SINK (MS-1), STERN WILLIAMS #SB-900, CONSTRUCTED OF TERRAZZO, 32" SQUARE BY 12" HIGH (COORDINATE SIZE WITH ARCHITECTURAL PLANS), CHROME-PLATED CAST BRASS DRAIN (CAST INTEGRAL) WITH STAINLESS STEEL CAP. PROVIDE WITH DELTA #2BT2383 FAUCET WITH VACUUM BREAKER, LEVER HANDLES, 3/4" HOSE THREAD SPOUT WITH 48" LONG HOSE, WALL SUPPORT, INTEGRAL STOPS AND ROUGH CHROME-PLATED FINISH..
- J. FLOOR DRAINS (FD-1), WADE #1100-G5-1-27, RATED FOR GENERAL LIGHT DUTY USE WITH CAST IRON BODY WITH FLANGE, SEEPAGE OPENINGS INTEGRAL REVERSING CLAMPING COAR, TRAP PRIMER CONNECTION, 5" SQUARE NICKEL BRONZE ADJUSTIBLE STRAINER, SEDIMENT BUCKET AND HEEL PROOF GRATE, PROVIDE WITH SEPARATE DEEP SEAL "P" TRAP (SEE PLANS FOR SIZE).
- K. EQUIPMENT DRAINS (ED-1) WADE #1100-94 ADJUSTABLE CAST IRON FLOOR DRAIN WITH FLANGE, SEEPAGE OPENINGS, INTEGRAL CLAMPING COLLAR, EXTENSION ADAPTER INSTALLED ABOVE THE FLOOR ELEVATION APPROXIMATELY 3/4" TO PREVENT WATER ON THE FLOOR FROM ENTERING DRAIN AND 1/2" PLUGGED TRAP PRIMER CONNECTION. PROVIDE WITH SEPARATE DEEP SEAL "P" TRAP (SEE PLANS FOR SIZE).
- L. FINISHED FLOOR CLEANOUTS: (FFCO) WADE #6000-1-2-S CAST IRON FLOOR CLEANOUT WITH FLANGE, PLASTIC TAPERED PLUG AND SQUARE NICKEL BRONZE ADJUSTABLE TOP. PROVIDE WITH CARPET CLEANOUT MARKER WHEN CLEANOUT IS LOCATED BELOW CARPET. COORDINATE WITH ARCHITECTURAL PLANS.
- M. FINISHED WALL CLEANOUTS: (FWCO) WADE #B560, W/ 8304-85-6 CAST IRON CLEANOUT TEE WITH BRASS PLUG AND 6" ROUND STAINLESS STEEL ACCESS COVER. J.R. SMITH FIGURE 4530. PROVIDE DUGO CAST IRON WALL CLEANOUT TEE WITH COUNTERSUNK PLUG. DELETE COVER PLATE IF CLEANOUT IS IN EXPOSED LOCATION.
- N. ALL FIXTURES USED SPECIFICALLY FOR HANDWASHING PURPOSES (LAVATORIES, HAND SINKS, ETC.) SHALL BE PROVIDED WITH A TEMPERING VALVE TO TEMPER THE HOT WATER TO THE FIXTURE (MAXIMUM OF 105-DEGREES F).



RELEASED FOR CONSTRUCTION
As Noted on Plans Review

Developed by Services Department
Lee's Summit, Missouri

10/08/2021

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DATE: 10/08/2021

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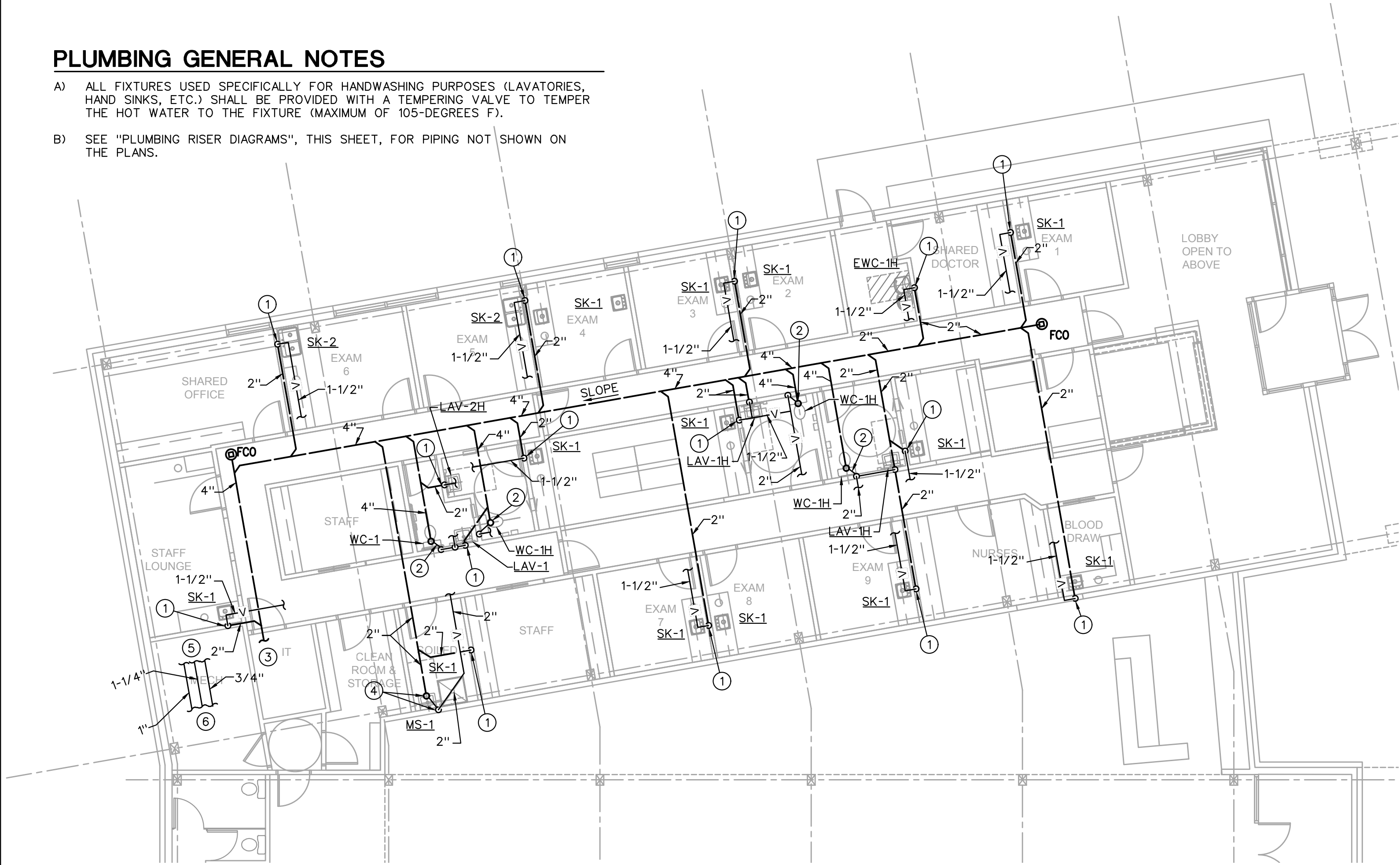
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PLUMBING GENERAL NOTES

- A) ALL FIXTURES USED SPECIFICALLY FOR HANDWASHING PURPOSES (LAVATORIES, HAND SINKS, ETC.) SHALL BE PROVIDED WITH A TEMPERING VALVE TO TEMPER THE HOT WATER TO THE FIXTURE (MAXIMUM OF 105-DEGREES F).
- B) SEE "PLUMBING RISER DIAGRAMS", THIS SHEET, FOR PIPING NOT SHOWN ON THE PLANS.



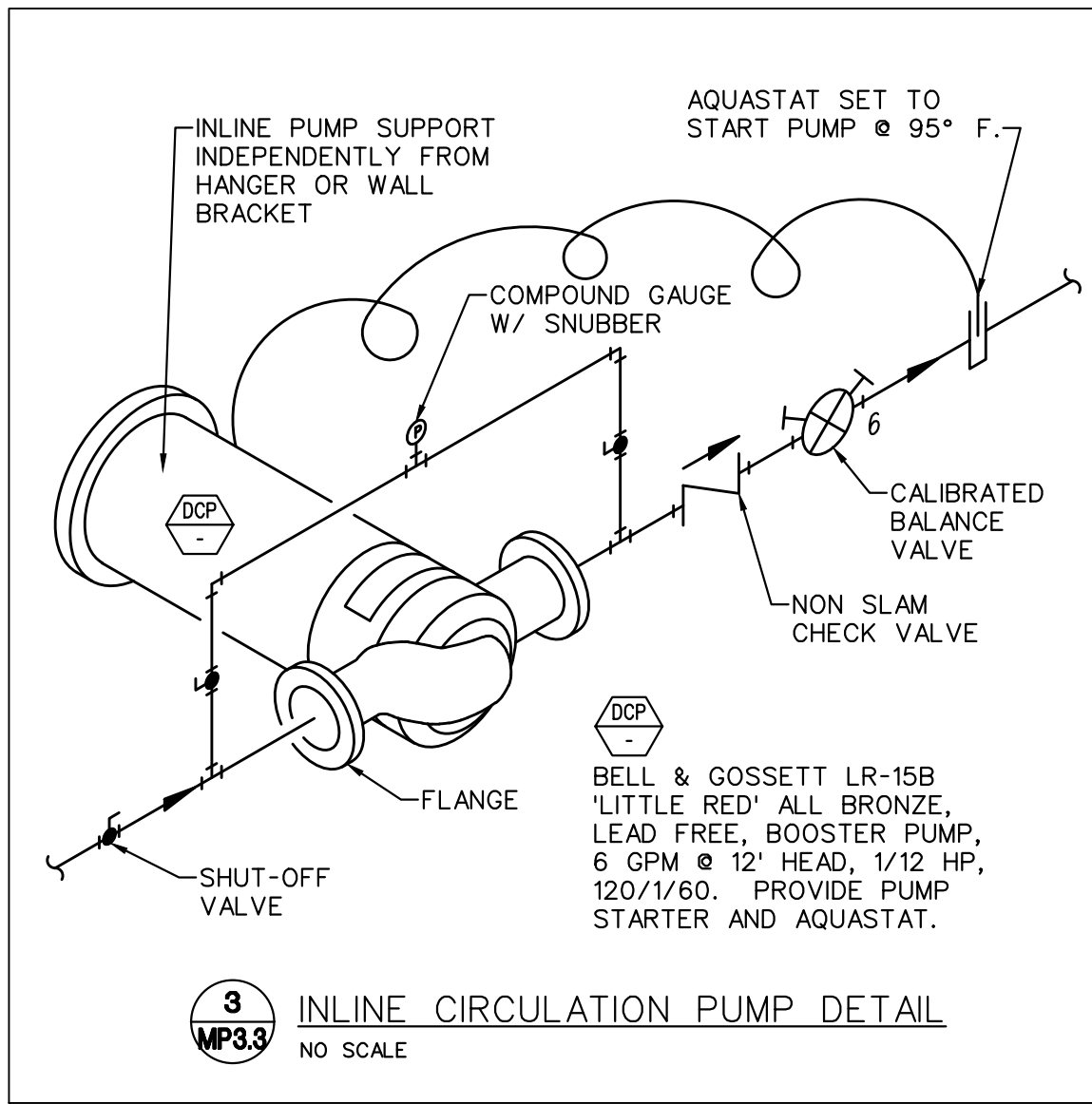
PLUMBING FLOOR PLAN

1/8" = 1'-0"



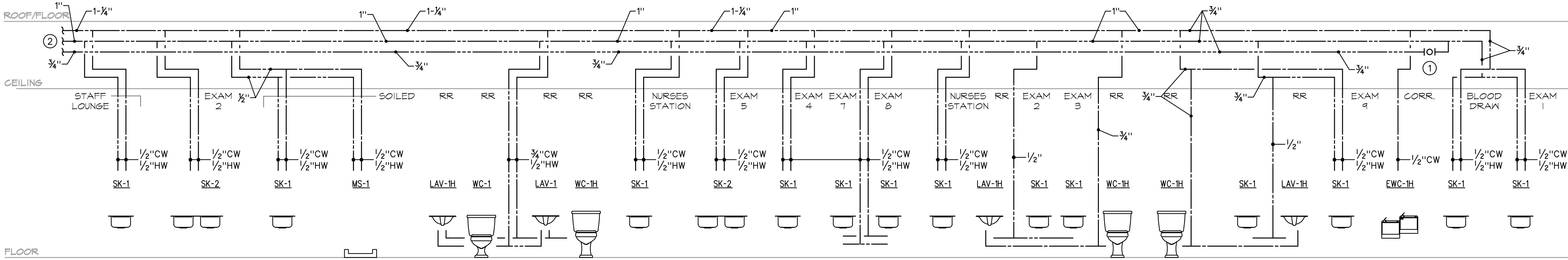
PLUMBING PLAN NOTES

- 2" W DOWN, 1-1/2" V UP TO ABOVE CEILING OR OVER TO V FROM WATER CLOSET.
- 4" S DOWN, 2" V OVER TO WALL AND UP ABOVE CEILING.
- CONNECT NEW 4" S TO EXISTING 4" S. FIELD VERIFY EXACT LOCATION AND DIRECTION OF FLOW.
- 2" W DOWN, 2" V OVER TO WALL AND UP TO ABOVE CEILING.
- SEE "DOMESTIC WATER SCHEMATIC", THIS SHEET, FOR CONTINUATION.
- EXTEND CW, HW AND HWR FROM EXISTING CW SERVICE AND EXISTING ELECTRIC WATER HEATER IN MECHANICAL ROOM.



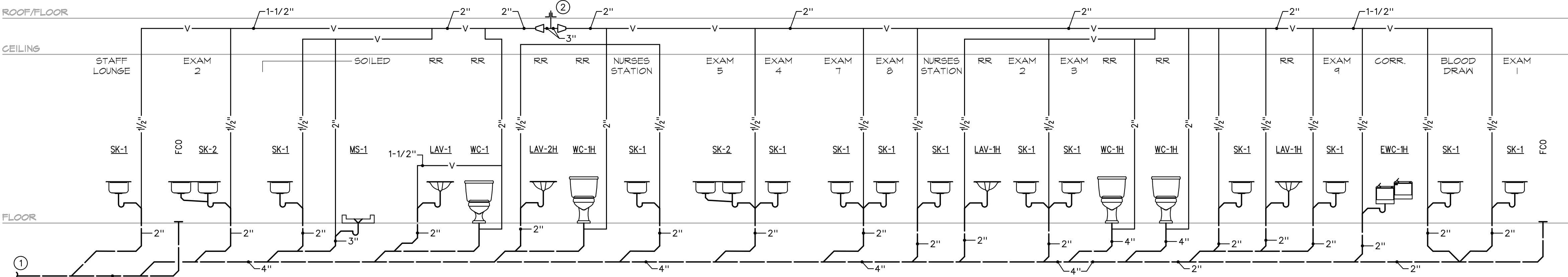
PLUMBING SYMBOLS

- EXISTING TO REMAIN.
- NEW PIPING WORK.
- DOMESTIC COLD WATER (CW).
- DOMESTIC HOT WATER (HW).
- HOT WATER RECIRCULATION (HWR).
- PLUMBING VENT ABOVE FLOOR (V).
- SANITARY WASTE ABOVE FLOOR (W).
- SANITARY WASTE BELOW FLOOR (W).
- GAS (NATURAL) (NG).
- ELBOW DOWN.
- ELBOW UP.
- TEE DOWN.
- TEE UP.
- CAP.
- PIPE UNION.
- 1/4 TURN SHUT-OFF VALVE.
- CHECK VALVE.
- VENT THRU ROOF (VTR).
- EXISTING TO REMAIN.
- PLAN NOTE DESIGNATION.
- PLAN REVISION DESIGNATION.
- CONNECT TO EXISTING.
- PLUMBING EQUIPMENT DESIGNATION - TOP PORTION IS EQUIPMENT (HW, RTU, ETC.), BOTTOM PORTION IS NO. OR LETTER (SEE APPROPRIATE SCHEDULE).



DOMESTIC WATER SCHEMATIC

NTS

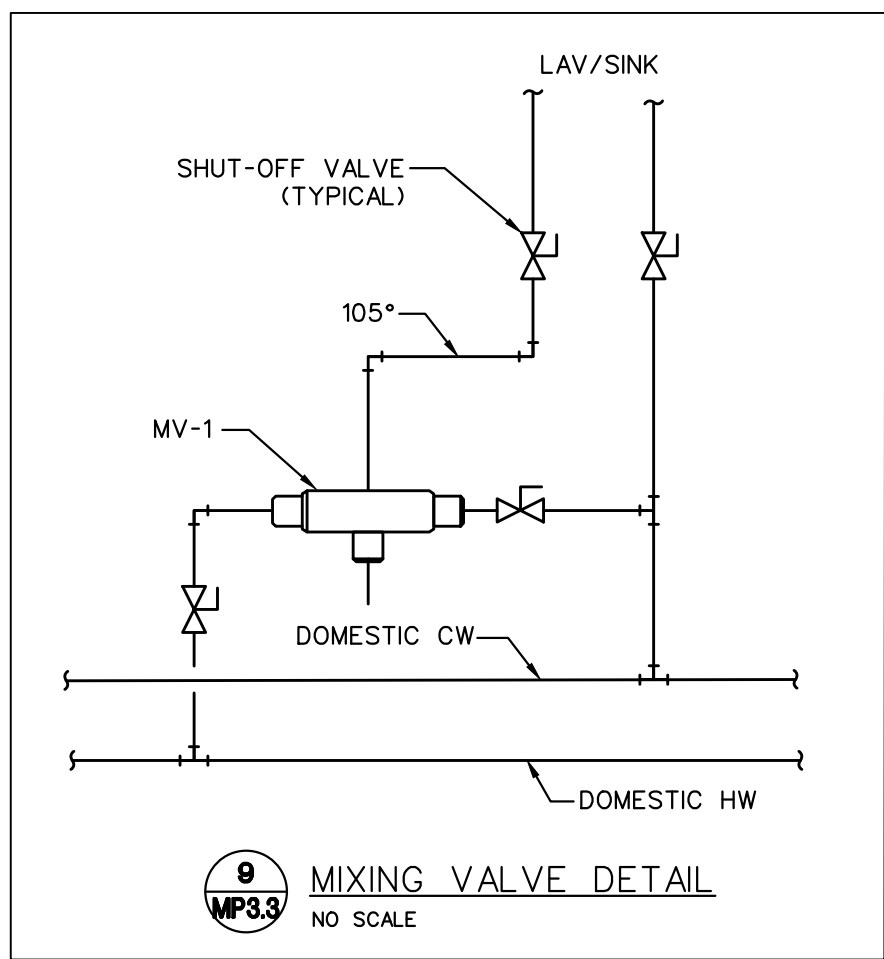


PLUMBING RISER

NTS

RISER DIAGRAM NOTES

- HOT WATER RECIRCULATING SYSTEM BALANCE VALVE.
- SEE PLUMBING FLOOR PLAN FOR CONTINUATION.



RISER DIAGRAM NOTES

- SEE PLUMBING PLAN FOR CONTINUATION.
- 3" V UP TO 3" VTR. REUSE EXISTING VTR IF ONE CURRENTLY EXISTS.



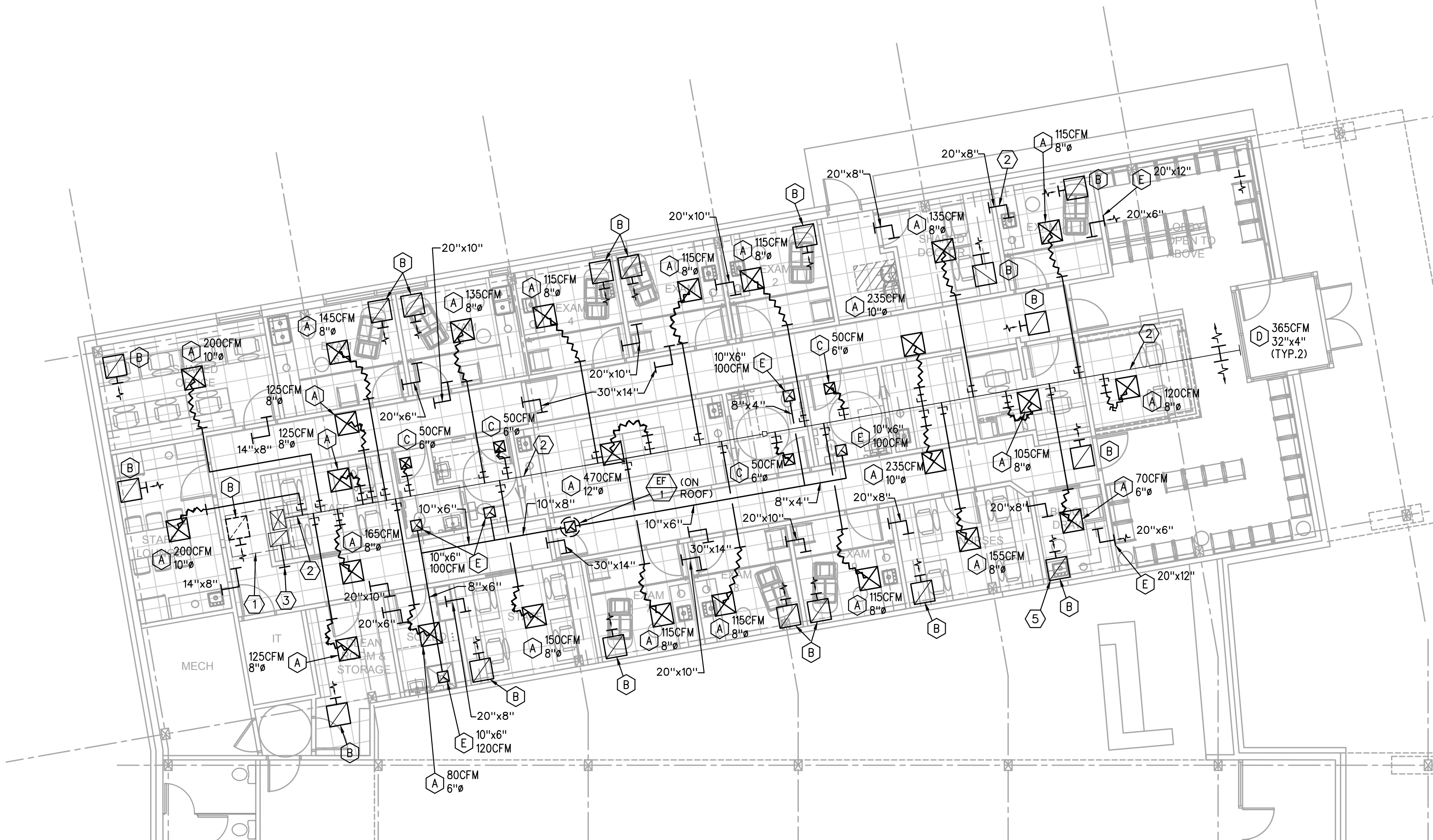
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MECHANICAL FLOOR PLAN

1/8" = 1'-0"



MECHANICAL PLAN NOTES

- EXISTING 12.5 TON RTU ON ROOF (ESTIMATED SIZE). BALANCE MINIMUM OA TO 655 CFM.
- EXISTING FLAT OVAL DUCT SHALL REMAIN. REMOVE EXISTING SUPPLY REGISTERS AND SEAL DUCT AIRTIGHT. TAP DUCT AS SHOWN TO ACCOMMODATE NEW CONSTRUCTION.
- EXTEND EXISTING RA DUCT SO THAT INTAKE IS ABOVE CORRIDOR CEILING. RELOCATE EXISTING SMOKE DETECTOR IF NECESSARY.
- RA BOOT THRU WALL ABOVE CEILING (TYPICAL). SIZE AS INDICATED.
- SEE "RETURN GRILLE BOOT DETAIL", THIS SHEET FOR SOUND BOOT AT RETURN GRILLE (TYPICAL).

MECHANICAL GENERAL NOTES (RTU)

- A) COORDINATE LOCATION OF CEILING DIFFUSERS AND RETURN GRILLES WITH ARCHITECTURAL REFLECTED CEILING PLAN.
- B) CONTRACTOR SHALL INSURE THAT A PROPER RETURN AIR PATH EXISTS FROM EACH SPACE. WHERE NOT OTHERWISE INDICATED AND IN RETURN AIR PLENUM APPLICATIONS, PROVIDE FLANGED RETURN AIR OPENINGS ABOVE CEILING LEVEL, THRU WALLS TO STRUCTURE, SO THAT RETURN AIR VELOCITY AND PRESSURE DROP DOES NOT EXCEED 1000 FPM AND 0.065" WG/100' RESPECTIVELY.
- C) CONFIRM THAT NO COMBUSTIBLE MATERIALS ARE LOCATED IN CEILING RETURN AIR PLENUMS.
- D) TEMPERATURE CONTROL INCLUDES ALL CONTROL WIRING FOR COMPLETE OPERATION OF ROOFTOP UNITS BY MECHANICAL CONTRACTOR ACCORDING TO THE FOLLOWING SEQUENCE OF OPERATIONS:

RTU SEQUENCE OF CONTROL:

PROVIDE A WALL MOUNTED 7-DAY HEATING/COOLING THERMOSTAT FOR EACH ROOFTOP UNIT INSTALLED IN A LOCATION APPROVED BY THE OWNER. INSTALL TAMPERPROOF COVER.

DAY OPERATION - THE TIMECLOCK OR MANUAL OVERRIDE FUNCTION SHALL AUTOMATICALLY ACTIVATE THE SYSTEM TO THE "OCCUPIED" OR "DAY" MODE. THE SYSTEM SHALL HEAT OR COOL THE SPACE TO THE DESIRED SET POINTS (COOLING: 74°F AND HEATING: 70°F) THROUGH THE THERMOSTATS BUILT-IN DEADBAND. THE OUTSIDE AIR DAMPERS SHALL BE AT THEIR MINIMUM POSITION AND THE FAN SHALL MAINTAIN CONTINUOUS OPERATION.

NIGHT OPERATION - THE TIMECLOCK SHALL AUTOMATICALLY ACTIVATE THE SYSTEM TO THE "NIGHT/UNOCCUPIED" MODE. THE SYSTEM SHALL HEAT OR COOL THE SPACE TO THE DESIRED NIGHT SET POINTS (COOLING: 85°F AND HEATING: 60°F) THROUGH THE THERMOSTATS NIGHT/UNOCCUPIED SETPOINTS. THE OUTSIDE AIR DAMPERS SHALL BE CLOSED AND THE FAN SHALL CYCLE AS NEEDED TO MAINTAIN THE THERMOSTAT SETPOINTS.

ECONOMIZER OPERATION TO ENABLE FREE COOLING SHALL BE A FUNCTION OF THE RTU MANUFACTURER'S STANDARD CONTROLS.

DEHUMIDIFICATION OPERATION, IF PROVIDED, SHALL BE A FUNCTION OF THE RTU MANUFACTURER'S STANDARD CONTROLS. INSTALL HUMIDISTAT ARE RECOMMENDED BY MANUFACTURER.

SAFETY OPERATION - THE FIRE ALARM SYSTEM SHALL SHUTDOWN OPERATION OF RTU FAN UPON DETECTION OF SMOKE AT ANY SMOKE DETECTOR INSTALLED AT THIS FACILITY.

- E) EXISTING ROOFTOP UNIT (RTU) IS REPORTED TO BE 12.5 TONS CAPACITY AND SUPPLY AIR VOLUMES HAVE BEEN CALCULATED AT 400 CFM/TON. CONTRACTOR SHALL MAKE CHANGES AS REQUIRED IF THE TONNAGE IS NOT 12.5 TONS.

MECHANICAL SYMBOLS

- NEW SHEET METAL DUCTWORK & SIZE.
- NEW SHEET METAL DUCTWORK & SIZE.
- SUPPLY AIR DUCT OR OUTSIDE AIR INTAKE.
- RETURN AIR DUCT OR EXHAUST AIR DUCT.
- DIRECTION OF RETURN AIRFLOW.
- THERMOSTAT OR TEMPERATURE SENSOR.
- CONDENSATE DRAIN.
- ELBOW DOWN.
- ELBOW UP.
- SUPPLY AIR.
- OUTSIDE AIR.
- RETURN AIR.
- EXHAUST AIR.
- CONDENSING UNIT.
- EXHAUST FAN.
- ROOFTOP UNIT.
- PLAN NOTE DESIGNATION.
- PLAN REVISION DESIGNATION.
- CONNECT TO EXISTING.
- MECHANICAL EQUIPMENT DESIGNATION - TOP PORTION IS EQUIPMENT (RTU, EF, HP, ETC.), BOTTOM PORTION IS NO. OR LETTER (SEE APPROPRIATE SCHEDULE).

OUTSIDE AIR SUMMARY (SINGLE ZONE SYSTEMS) (NOTES 2 & 3)

SYSTEM	SPACE	AREA (SQUARE FEET)	CALCULATED OCCUPANT TOTAL (Pz)	VENTILATION RATE (CFM/PERSON) (Rp)	AREA OUTDOOR AIRFLOW IN BREATHING ZONE (Ra) CFM/SF	SPACE OUTDOOR AIRFLOW IN BREATHING ZONE Vbz=RpPz+RaZ CFM	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez) COOLING/HEATING (NOTE 1)	ZONE OUTDOOR AIRFLOW (Voz=Vbz/Ez) COOLING	ZONE OUTDOOR AIRFLOW (Voz=Vbz/Ez) HEATING	ZONE OUTDOOR AIR SETPOINT (CFM)	EXHAUST REQUIRED (CFM) (NOTE 5)	REMARKS
RTU-1 (12.5-TON)	Exam 1	93	1	5	0.06	10.58	1.0/0.8	10.58	13.23	14		
	Exam 2	93	1	5	0.06	10.58	1.0/0.8	10.58	13.23	14		
	Exam 3	93	1	5	0.06	10.58	1.0/0.8	10.58	13.23	14		
	Exam 4	93	1	5	0.06	10.58	1.0/0.8	10.58	13.23	14		
	Exam 5	108	1	5	0.06	11.48	1.0/0.8	11.48	14.35	15		
	Exam 6	117	1	5	0.06	12.02	1.0/0.8	12.02	15.03	16		
	Exam 7	93	1	5	0.06	10.58	1.0/0.8	10.58	13.23	14		
	Exam 8	93	1	5	0.06	10.58	1.0/0.8	10.58	13.23	14		
	Exam 9	93	1	5	0.06	10.58	1.0/0.8	10.58	13.23	14		
	Restroom #1	58									70	
	Restroom #2	58									70	
	Restroom #3	51									70	
	Restroom #4	37									70	
	RECEPTION	85	1	5	0.06	10.10	1.0/0.8	10.10	12.63	13		
	Waiting	553	28	5	0.06	173.18	1.0/0.8	173.18	216.48	217		
	Shared Doctor	110	1	5	0.06	11.60	1.0/0.8	11.60	14.50	15		
	Nurses	125	1	5	0.06	12.50	1.0/0.8	12.50	15.63	16		
	Shared Office	163	1	5	0.06	14.78	1.0/0.8	14.78	18.48	19		
	Staff Lounge	144	8	5	0.06	48.64	1.0/0.8	48.64	60.80	61		
	Back Corridor	330	0	5	0.06	19.80	1.0/0.8	19.80	24.75	25		
	Solled	59	1	5	0.06	8.54	1.0/0.8	8.54	10.68	11	30	6
	Clean Room & Storage	98	0	0	0.12	11.76	1.0/0.8	11.76	14.70	15		
	Nurses Station	126	1	5	0.06	12.56	1.0/0.8	12.56	15.70	16		
	Blood Draw	55	1	5	0.06	8.30	1.0/0.8	8.30	10.38	11		
	Check-out	84	1	5	0.06	10.04	1.0/0.8	10.04	12.55	13		
	Front Corridor	850	0	5	0.06	51.00	1.0/0.8	51.00	63.75	64		
	Staff	120	1	5	0.06	12.20	1.0/0.8	12.20	15.25	16		
	Staff	102	1	5	0.06	11.12	1.0/0.8	11.12	13.90	14		
	TOTAL	4,084	55							655	310	

- ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez) DETERMINED FROM TABLE 403.3.1.2 AND IS BASED ON AIR DISTRIBUTION CONFIGURATION IN ACCORDANCE WITH THE 2018 IMC.
- CALCULATION DONE IN ACCORDANCE WITH 2018 IMC, CHAPTER 4.
- VENTILATION AIR PROVIDED BY DIRECT CONNECTION TO THE OUTDOORS IN ACCORDANCE WITH SECTION 401, 2018 IMC.
- BATHROOM MINIMUM EXHAUST AIR PROVIDED AT MINIMUM 70 CFM PER FIXTURE IN ACCORDANCE WITH CHAPTER 4, 2018 IMC.
- SPACE EXHAUST REQUIRED AT THE INDICATED RATE.

ON PLANS

DUCTWORK

ON PLANS

DUCTWORK

INSULATION OR LINING

DUCT INSULATION SCHEDULE

NOTES

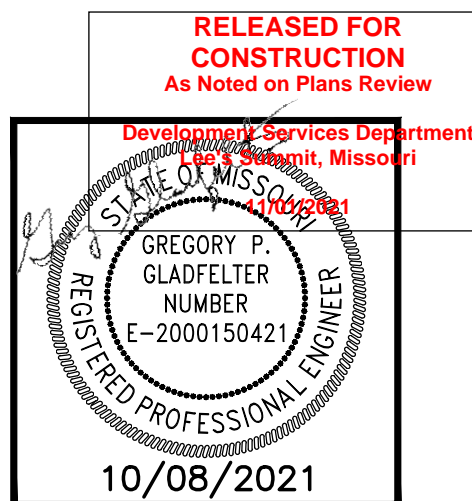
	INTERNAL INSULATION			EXTERNAL INSULATION			
	1/2"	1"	OTHER	1"	2"	OTHER	
LOW VELOCITY DUCTS:							
RETURN DUCTS		o					1
SUPPLY DUCTS (RECT.)		o					
SUPPLY DUCTS (ROUND)					o		3,4
EXHAUST DUCTS	o			o			2
OUTSIDE AIR DUCTS				o			
RELIEF DUCTS	o						1
MEDIUM/HIGH VELOCITY DUCTS:							
ROUND SUPPLY				o			
FLAT OVAL SUPPLY				o			

NOTES:

- INSULATION SHALL BE INSTALLED WHEN INDICATED OTHERWISE IN THE CONSTRUCTION DOCUMENTS. OTHERWISE, NO INSULATION IS REQUIRED.
- INSULATION IS REQUIRED WITHIN 6'-0" OF TERMINATION POINT OF EXHAUST AIR. RECTANGULAR DUCTS SHALL BE LINED, ROUND DUCTS SHALL BE WRAPPED.
- CONCEALED ROUND SUPPLY AIR DUCTS AND ROUND SUPPLY AIR DUCTS IN UNCONDITIONED SPACES SHALL BE INSULATED AS INDICATED AND SHALL INCLUDE A VAPOR BARRIER TO PREVENT CONDENSATION FROM FORMING ON COLD METAL SURFACES. NO INSULATION IS REQUIRED FOR ROUND SUPPLY AIR DUCT EXPOSED IN CONDITIONED SPACES UNLESS INDICATED OTHERWISE.
- AT CONTRACTOR'S OPTION, GALVANIZED STEEL ROUND DOUBLE WALL DUCT MAY BE USED WHERE ROUND SUPPLY AIR DUCTS ARE REQUIRED TO BE INSULATED. DOUBLE WALL DUCT SHALL BE LINX LINDLAB SPIRO-SAFE SPIRAL LOCKSEAM DUCTWORK. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- AT CONTRACTOR'S OPTION, ROUND DUCT LINER MAY BE USED WHERE ROUND SUPPLY AIR DUCTS ARE REQUIRED TO BE INSULATED. DUCT LINER SHALL BE JOHNS MANVILLE SPIROACUSTIC PLUS, OR APPROVED EQUAL, 1.5" THICK (R6.4). SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



INSULATED OR LINED DUCT DETAIL
NO SCALE



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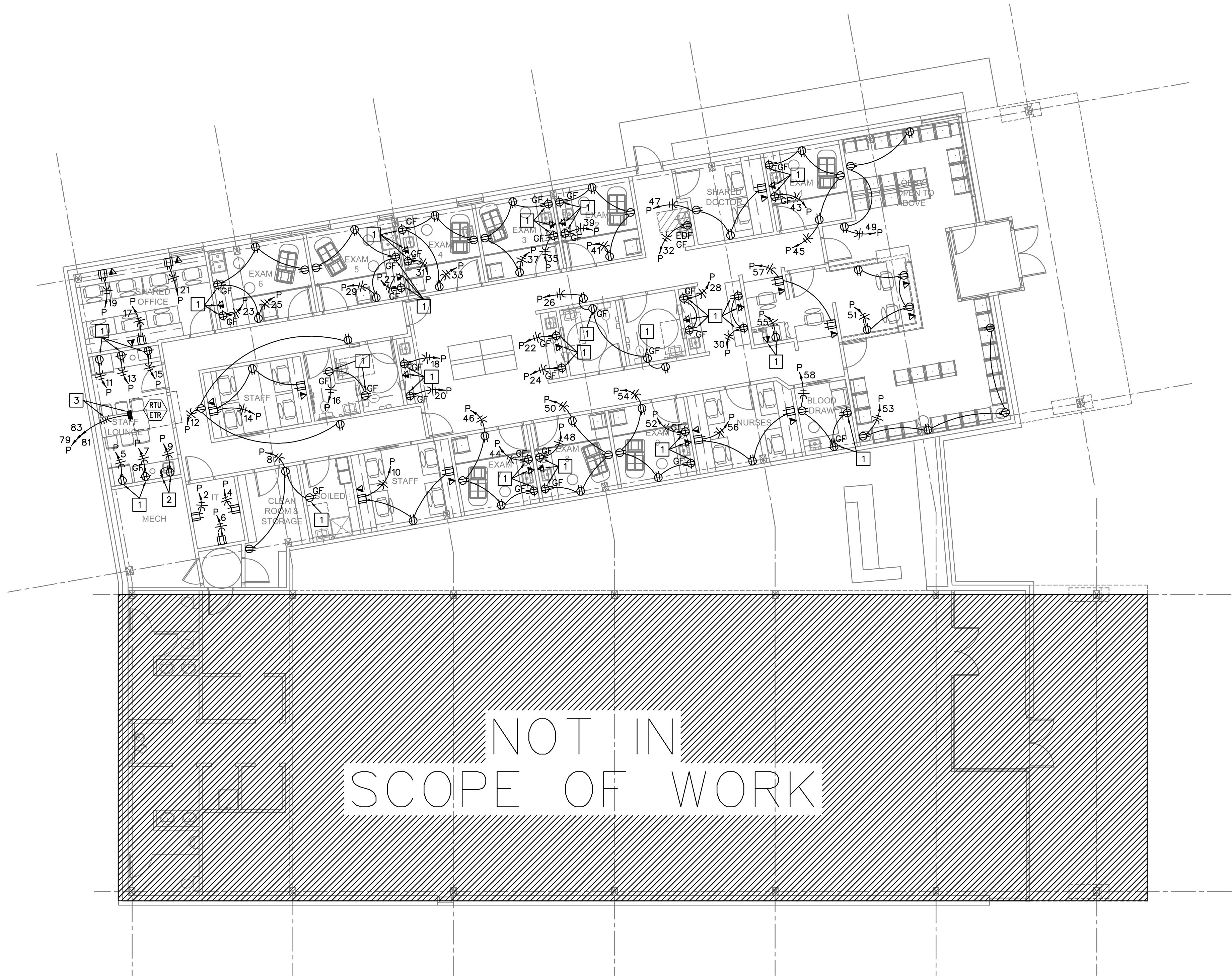


JOB NO.: 212423G
DATE: 10/08/2021
REVISIONS:

DESIGNED BY: GEG
DRAWN BY: GEG
CHECKED BY: GEG
SHEET NO.

M100

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

POWER PLAN NOTES

1. INSTALL OUTLET BOX FOR WIRING DEVICE AT 48" AFF.
2. RECEPTACLE FOR DISPOSAL BELOW COUNTER AND SWITCH TO CONTROL RECEPTACLE ABOVE COUNTERTOP. INSTALL RECEPTACLE IN AN ACCESSIBLE MANNER.
3. EXISTING DISCONNECT, CONDUIT AND WIRING TO REMAIN.

ELECTRICAL GENERAL NOTES

- A) SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHT FIXTURES.
- B) COORDINATE NEMA RATING OF APPLIANCE PLUGS WITH THE EQUIPMENT SPECIFICATIONS.
- C) ALL RECEPTACLES WITHIN 6' OF WATER BEARING FIXTURES, EXTERIOR OUTLETS AND ALL OUTLETS IN KITCHEN AREAS SHALL BE GFI STYLE OR THE CIRCUIT SERVING THOSE DEVICES SHALL BE PROTECTED BY MEANS OF A GFI CIRCUIT BREAKER.
- D) OUTLET AND SWITCH BOXES INSTALLED IN RATED WALLS SHALL BE PROVIDED WITH UL LISTED PUTTY PADS TO PROTECT THE RATING OF THE WALL.
- E) CONNECT ALL NIGHT LIGHT, EXIT LIGHT AND EMERGENCY LIGHT FIXTURES TO UNSWITCHED HOT-LEG OF NEAREST 120V LIGHTING CIRCUIT IN SAME AREA.
- F) CONDUIT INSTALLED IN AREAS OF BUILDINGS OR PORTIONS OF BUILDINGS WHERE MEDICAL CARE IS PROVIDED SHALL BE MEDICAL GRADE CONDUIT AND THE INSTALLATION SHALL CONFORM WITH CHAPTER 517 OF THE NEC (HEALTH CARE FACILITIES).

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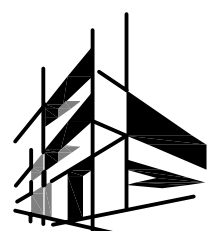
Developing Services Department
Lee's Summit, Missouri
10/08/2021

GREGORY P.
GLADFELTER
NUMBER
E-2000150421

REGISTERED PROFESSIONAL ENGINEER

10/08/2021

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LEE'S SUMMIT, MO


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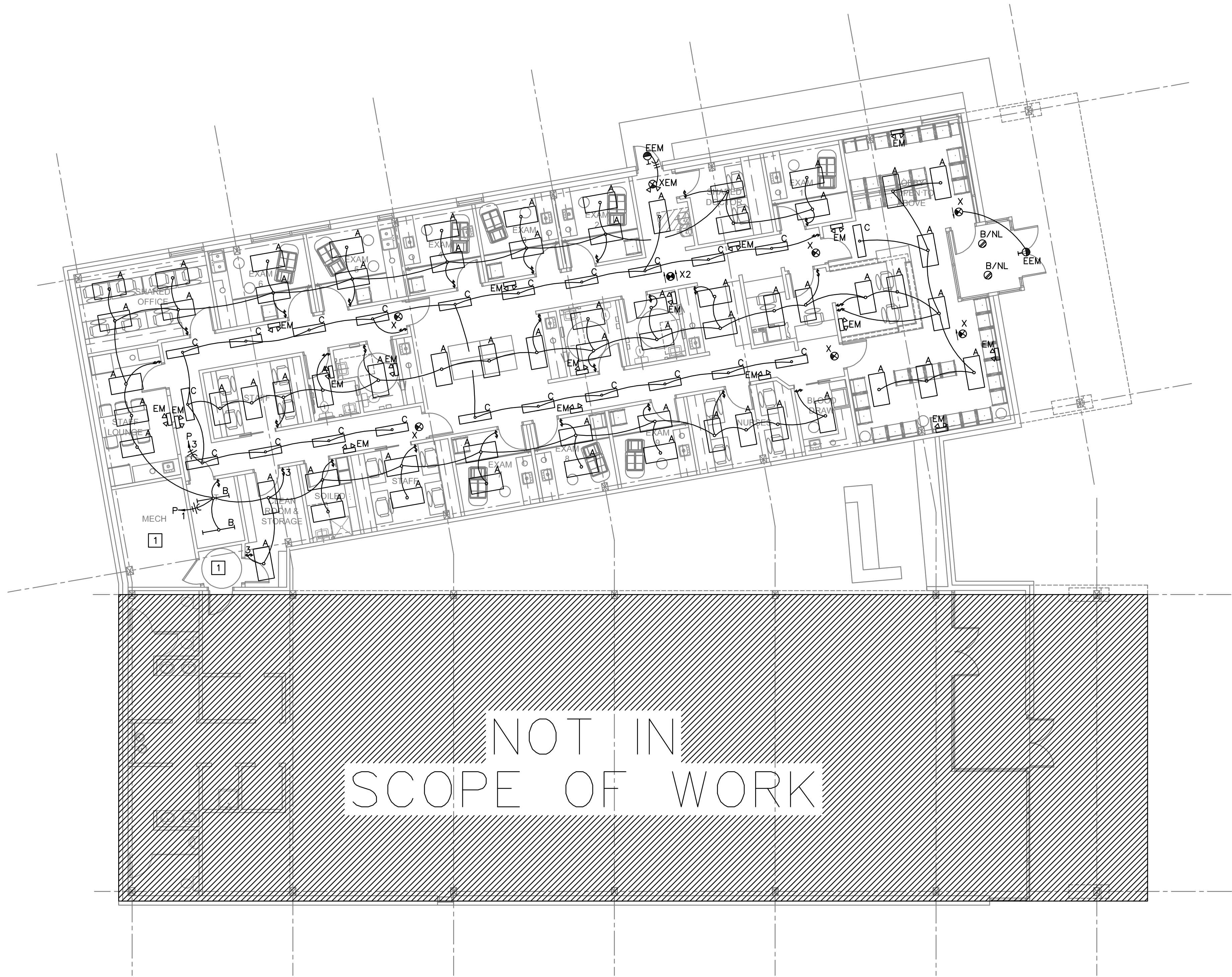
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JOB NO.:	212423G
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DRAWN BY:	GEG
CHECKED BY:	GEG
SHEET NO.	

E101

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

LIGHTING PLAN NOTES

1. LIGHTING IN THIS ARE IS EXISTING TO REMAIN.

ELECTRICAL GENERAL NOTES

- A) SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHT FIXTURES.
- B) COORDINATE NEMA RATING OF APPLIANCE PLUGS WITH THE EQUIPMENT SPECIFICATIONS.
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- F) CONDUIT INSTALLED IN AREAS OF BUILDINGS OR PORTIONS OF BUILDINGS WHERE MEDICAL CARE IS PROVIDED SHALL BE MEDICAL GRADE CONDUIT AND THE INSTALLATION SHALL CONFORM WITH CHAPTER 517 OF THE NEC (HEALTH CARE FACILITIES).

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Developing Services Department
Missouri
10/08/2021

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DESIGNED BY: GEG

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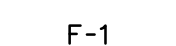
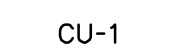
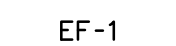
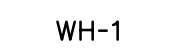
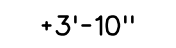
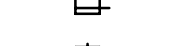
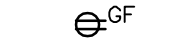
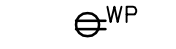
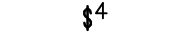
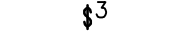
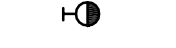
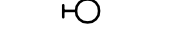
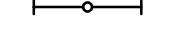
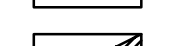
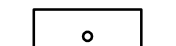
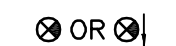
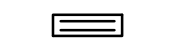
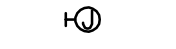
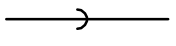
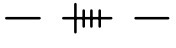
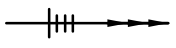
PANEL (EXISTING)	P	120/208		VOLTS	<input type="checkbox"/> 200	A. BUS	<input type="checkbox"/> SERVICE ENTRANCE				
		3		PHASE	<input type="checkbox"/> 200	A. MAIN BREAKER	<input type="checkbox"/> FEED THRU LUGS				
SECTION	1	OF	2	4	WIRE	<input type="checkbox"/> MAIN LUGS ONLY	<input type="checkbox"/> SUBFEED LUGS				
CIRC. NO.	CIRCUIT DESCRIPTION	CIRC. AMPS	BRKR. POLES	VA	Ø	CIRC. NO.	CIRCUIT DESCRIPTION	CIRC. AMPS	BRKR. POLES	VA	
1	LIGHTS	20	1	958	A	2	4-PLEX REC - IT	20	1	1000	
3	LIGHTS	20	1	1568	B	4	4-PLEX REC - IT	20	1	1000	
5	REFRIGERATOR	20	1	800	C	6	4-PLEX REC - IT	20	1	1000	
7	GF RECEPTACLE	20	1	1250	A	8	RECEPTACLES	20	1	540	
9	DISPOSAL	20	1	1350	B	10	RECEPTACLES	20	1	900	
11	REFRIGERATOR	20	1	800	C	12	RECEPTACLES	20	1	540	
13	GF RECEPTACLE	20	1	1000	A	14	RECEPTACLES	20	1	900	
15	MICROWAVE	20	1	1500	B	16	GF RECEPTACLES	20	1	360	
17	4-PLEX RECEPTACLE	20	1	1000	C	18	GF RECEPTACLES	20	1	1000	
19	4-PLEX RECEPTACLE	20	1	1000	A	20	GF RECEPTACLES	20	1	1000	
21	4-PLEX RECEPTACLE	20	1	1000	B	22	GF RECEPTACLES	20	1	1000	
23	GF RECEPTACLE	20	1	800	C	24	GF RECEPTACLES	20	1	1000	
25	RECEPTACLES	20	1	720	A	26	RECEPTACLES	20	1	720	
27	GF RECEPTACLE	20	1	800	B	28	GF RECEPTACLES	20	1	1000	
29	RECEPTACLES	20	1	720	C	30	GF RECEPTACLES	20	1	1000	
31	GF RECEPTACLE	20	1	800	A	32	EDF	20	1	600	
33	RECEPTACLES	20	1	720	B	34	SPARE	20	1	-	
35	GF RECEPTACLE	20	1	800	C	36	SPARE	20	1	-	
37	RECEPTACLES	20	1	720	A	38	SPARE	20	1	-	
39	GF RECEPTACLE	20	1	800	B	40	SPARE	20	1	-	
41	RECEPTACLES	20	1	720	C	42	SPARE	20	1	-	
TOTAL CONNECTED LOAD		DEMAND FACTORS:		3158		NEUTRAL BUS		100		VA	
64946 VA		LIGHTS @ 125		10000		POWER FACTOR		100		VA	
<input type="checkbox"/> SURFACE MOUNTED		RECEPTS @ 50		16130		100		VA			
<input type="checkbox"/> FLUSH MOUNTED		OTHER @ 100		20160		DEMAND CURRENT		137.4		AMPS	
		TOTAL DEMAND LOAD		49448							

PANEL (EXISTING)		P	120/208	VOLTS	<input type="checkbox"/> 200	A. BUS	<input type="checkbox"/> SERVICE ENTRANCE			
			3	PHASE	<input type="checkbox"/> -	A. MAIN BREAKER	<input type="checkbox"/> FEED THRU LUGS			
SECTION 2		OF 2	4	WIRE	<input type="checkbox"/>	MAIN LUGS ONLY	<input type="checkbox"/> SUBFEED LUGS			
CIRC. NO.	CIRCUIT DESCRIPTION	CIRC. AMPS	BRKR. POLES	VA	Ø	CIRC. NO.	CIRCUIT DESCRIPTION	CIRC. AMPS	BRKR. POLES	VA
43	GF RECEPTACLE	20	1	800	A	44	GF RECEPTACLE	20	1	800
45	RECEPTACLES	20	1	720	B	46	RECEPTACLES	20	1	720
47	RECEPTACLES	20	1	720	C	48	GF RECEPTACLE	20	1	800
49	RECEPTACLES	20	1	540	A	50	RECEPTACLES	20	1	720
51	RECEPTACLES	20	1	720	B	52	GF RECEPTACLE	20	1	800
53	RECEPTACLES	20	1	720	C	54	RECEPTACLES	20	1	720
55	PRINTER/COPIER	20	1	1500	A	56	RECEPTACLES	20	1	900
57	4-PLEX RECEPTACLES	20	1	1000	B	58	RECEPTACLES	20	1	720
59	SPARE	20	1	-	C	60	SPARE	20	1	-
61	SPARE	20	1	-	A	62	SPARE	20	1	-
63	SPARE	20	1	-	B	64	SPARE	20	1	-
65	SPARE	20	1	-	C	66	SPARE	20	1	-
67	SPARE	20	1	-	A	68	SPARE	20	1	-
69	SPARE	20	1	-	B	70	SPARE	20	1	-
71	SPARE	20	1	-	C	72	SPARE	20	1	-
73	SPACE	-	-	-	A	74	SPACE	-	-	-
75	SPACE	-	-	-	B	76	SPACE	-	-	-
77	SPACE	-	-	-	C	78	SPACE	-	-	-
79	EXISTING RTU	80	3	6720	A	80	SPACE	-	-	-
81				6720	B	82	SPACE	-	-	-
83				6720	C	84	SPACE	-	-	-

SEE SECTION 1 FOR
LOAD CALCULATIONS

LIGHT FIXTURE SCHEDULE			
TYPE	MANUFACTURER	LAMP	VOLTS WATTS
A	LITHONIA LTG #2VTL4 30L ADPT EZ1 LP835	LED	120 24
B	LITHONIA LTG #CSS L48 4000LM MVOLT 40K 80CRI	LED	120 35
C	LITHONIA LTG #VTL4 30L ADP EZ1 LP835 N80	LED	120 27
D	-	-	120 -
EM	EXITRONIX #LED90	(2) LED HEADS WITH UNIT	120 10
EEM	EXITRONIX #MLED	WEATHERPROOF LED REMOTE	6 8
X	EXITRONIX #VEX-U-BP-WB-WH-120-R	RED LED WITH UNIT	120 10
X2	EXITRONIX #VEX-U/2-BP-WB-WH-120-R	RED LED WITH UNIT	120 10
XEM	EXITRONIX #VLED-1-WH-EL90-R	RED LED AND (2) LED HEADS WITH UNIT	120 15
NOTES:			
1. TYPE 'X' AND/OR 'XEM' FIXTURES SHALL HAVE 12 WATTS OF REMOTE CAPACITY AND POWER TYPE 'EEM'.			
2. TYPE 'X2' SHALL BE DOUBLE FACE.			

ELECTRICAL SYMBOLS



BRANCH CIRCUIT CONCEALED IN CEILING OR WALL. ARROWS INDICATE HOMERUNS TO PANEL. ALL CONDUCTORS ARE #12 EXCEPT AS NOTED.

CONDUIT RUN UNDERGROUND OR BENEATH FLOOR SLAB.

GROUNDING CONDUCTOR #12 EXCEPT AS NOTED.

WALL MOUNTED JUNCTION BOX.

CEILING MOUNTED JUNCTION BOX.

PANELBOARD (SURFACE MOUNTED).

DISCONNECT SWITCH. SIZED AS NOTED.

DISCONNECT SWITCH FURNISHED WITH EQUIPMENT.

EXIT LIGHT - SINGLE FACE - ARROWS AS SHOWN.

EXIT LIGHT - DOUBLE FACE - ARROWS AS SHOWN.

COMBINATION EXIT/EMERGENCY LIGHT FIXTURE WITH (2) HEADS

CEILING OR WALL MOUNTED EMERGENCY LIGHTING UNIT WITH (2) HEADS.

2'x4' LIGHT FIXTURE.

NIGHT LIGHT FIXTURE. FIXTURE SHALL BE ON 24/7.

FLUORESCENT STRIP FIXTURE.

CEILING LIGHT FIXTURE.

WALL MOUNTED LIGHT FIXTURE.

REMOTE WEATHERPROOF EMERGENCY LIGHT FIXTURE.

SINGLE POLE SWITCH. +3'-10" AFF.

THREE-WAY SWITCH +3'-10" AFF.

FOUR-WAY SWITCH +3'-10" AFF.

DUPLEX RECEPTACLE. +1'-6" AFF OR AS NOTED.

DUPLEX RECEPTACLE INSTALLED ABOVE COUNTERTOP.

DUPLEX RECEPTACLE WITH WEATHERPROOF PLATE. HEIGHT AS NOTED.

DUPLEX RECEPTACLE W/GROUND FAULT PROTECTION. +1'-6" AFF OR AS NOTED.

FOURPLEX RECEPTACLE. +1'-6" AFF OR AS NOTED.

FOURPLEX RECEPTACLE INSTALLED ABOVE COUNTERTOP.

COMBINATION VOICE/DATA OUTLET WITH 3/4" CONDUIT STUBBED UP OUT OF BOX TO ABOVE ACCESSIBLE CEILING. +1'-6" AFF OR AS NOTED.

COMBINATION VOICE/DATA OUTLET WITH 3/4" CONDUIT STUBBED UP OUT OF BOX TO ABOVE ACCESSIBLE CEILING. INSTALLED ABOVE COUNTERTOP.

TELEVISION OUTLET. +1'-6" AFF OR AS NOTED.

HEIGHT TO CENTERLINE OF OUTLET BOX ABOVE FINISHED FLOOR.

ROOF TOP UNIT AND NUMBER.

ELECTRIC WATER HEATER AND NUMBER.

EXHAUST FAN AND NUMBER.

CONDENSING UNIT AND NUMBER.

FURNACE AND NUMBER.

ABOVE FINISH FLOOR.

EXISTING TO REMAIN.

EXISTING RELOCATED.

ELECTRICAL CONTRACTOR.

ELECTRIC DRINKING FOUNTAIN.

NIGHT LIGHT. FIXTURE SHALL BE ON 24/7

ELECTRICAL GENERAL NOTES

A) CONTRACTOR SHALL COORDINATE INSTALLATION REQUIREMENTS AND SCHEDULING OF ALL WORK WITH ARCHITECT AND GENERAL CONTRACTOR.

B) INSTALLATION SHALL COMPLY WITH LATEST EDITION OF N.E.C. AND LOCAL AUTHORITY HAVING JURISDICTION.

C) CONTRACTOR SHALL BE LICENSED TO PERFORM WORK IN MUNICIPALITY WHERE PROJECT IS LOCATED.

D) ALL WIRING SHALL BE INSTALLED IN CONDUIT. EMT CONDUIT WITH SET SCREW FITTINGS MAY BE UTILIZED WHERE PERMITTED BY CODE. MINIMUM CONDUIT SIZE SHALL BE 1/2".

E) ALL WIRING SHALL BE COPPER WITH 600 VOLT INSULATION AND COLOR CODED, UNLESS NOTED OTHERWISE.

F) CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMIT AND INSPECTION FEES.

G) MC CABLE MAY BE INSTALLED WHERE PERMITTED BY CODE. CONDUCTORS SHALL BE MINIMUM #12 GAUGE AND COPPER.

H) INSTALL BLANK COVER PLATE ON ALL PULL BOXES AND JUNCTION BOXES.

I) TYPEWRITTEN PANELBOARD DIRECTORY SHALL BE PROVIDED FOR PANELBOARD AND CORRECTLY FILLED OUT.

J) CONTRACTOR SHALL COORDINATE INSTALLATION OF ELECTRICAL WORK WITH ALL OTHER TRADES INVOLVED WITH CONSTRUCTION OF PROJECT.

K) ALL WIRING DEVICES SHALL BE RATED 20 AMP. OR AS NOTED ON DRAWINGS. COORDINATE LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.

L) CONTRACTOR SHALL FIELD VERIFY EXACT ROUTING OF ALL CONDUITS TO NEW EQUIPMENT.

M) FURNISH MATERIALS AND LABOR FOR A COMPLETE AND OPERATIONAL ELECTRICAL INSTALLATION.

N) MATERIAL AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE 'UL' LABELS AS REQUIRED.

O) CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT FURNISHED BY OTHERS.

P) PVC (SCHEDULE 40) CONDUIT MAY BE USED FOR CONDUITS INSTALLED BELOW FINISHED GRADE OR CONCRETE FLOOR SLAB. PROVIDE WITH APPROVED FITTINGS.

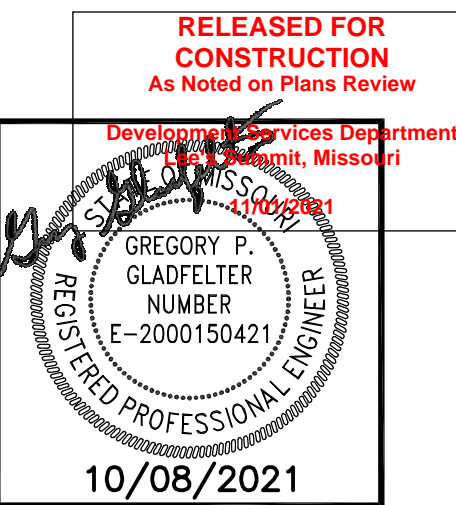
Q) DISCONNECT SWITCHES SHALL BE MANUFACTURED BY ITE/SIEMENS OR EQUAL. NEMA 1 FOR INDOOR INSTALLATION AND NEMA 3R FOR OUTDOOR INSTALLATION.

R) ALL LIGHT FIXTURES AND DEVICES MOUNTED IN CEILING SHALL BE BRACED TO RESIST SEISMIC FORCES IN ACCORDANCE WITH IBC, NEC, AND LOCAL AUTHORITY HAVING JURISDICTION.

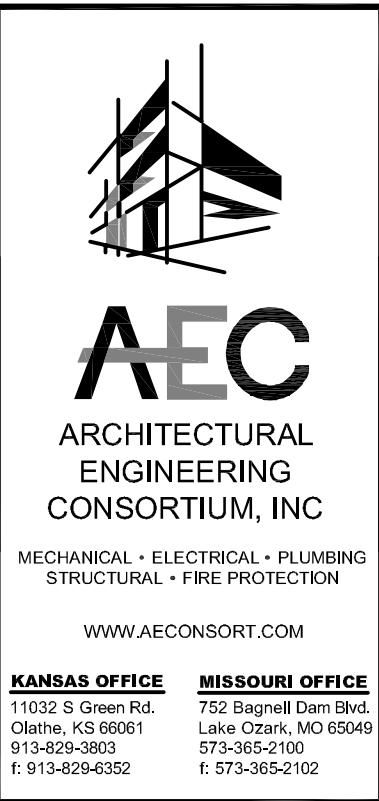
S) VOICE/DATA AND THERMOSTAT OUTLET BOXES SHALL BE PROVIDED AND INSTALLED WITH 3/4" CONDUIT STUBBED UP OUT TOP OF BOX TO ABOVE ACCESSIBLE CEILING. PROVIDE BUSHING ON END OF CONDUIT.

T) EMERGENCY AND EXIT LIGHT FIXTURES SHALL BE PROVIDED WITH BATTERY BACK-UP FOR MINIMUM OF (90) MINUTES. EMERGENCY AND EXIT LIGHT FIXTURES SHALL BE CONNECTED TO HOT LEG OF CIRCUIT, NOT SWITCHED.

U) PANELBOARDS ARE EXISTING TO REMAIN. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARDS SHALL MATCH PANELBOARD CONSTRUCTION AND AIC RATING. PANELS ARE MANUFACTURED BY ITE/SIEMENS, SQUARE 'D', G.E., OR CUTLER-HAMMER.



KC UC LS
451 NORTHWEST MURRAY RD
LEE'S SUMMIT, MO



JOB NO.:	212423G
DATE:	10/08/2021
REVISIONS:	
DESIGNED BY:	OEG
DRAWN BY:	OEG
CHECKED BY:	OEG
SHEET NO.	

E300