

TENANT BUILD-OUT FOR: PROFILE BY SANFORD



IOWA CITY,

IOWA

PROJECT INFORMATION

APPLICABLE BUILDING CODES

2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2018 INTERNATIONAL FIRE CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL MECHANICAL CODE
2015 UNIFORM PLUMBING CODE
2017 NATIONAL ELECTRIC CODE

COMPLIANCE STATEMENT

THIS IS A LEVEL 2 ALTERATION WITH A CHANGE OF USE FROM UNOCCUPIED TO M/B. DUE TO THE FACT THAT ADJACENT SPACES ARE UNOCCUPIED, THE NEW M OCCUPANCY IS LESS HAZARDOUS FOR EACH OF THE FOLLOWING CATEGORIES: MEANS OF EGRESS HAZZARD CATEGORIES, HEIGHT AND AREA HAZZARD CATEGORIES AND EXPOSURE EXTERIOR WALLS HAZZARD CATEGORIES. THIS ALTERATION DOES NOT INCLUDE AN ADDITION THAT ADDITIONAL LIFE SAFETY MEASURES WOULD NEED TO BE ANALYZED SUCH AS SPRINKLER SYSTEMS AND FIRE ALARM SYSTEMS. BUILDING ELEMENTS AND MATERIALS, MEANS OF EGRESS AND ACCESSIBILITY HAVE ALL BEEN ADDRESSED AS APPLICABLE TO THIS INDIVIDUAL SPACE.

BUILDING SIZE

TENANT BUILD-OUT 2,001 SF

OCCUPANCY CLASSIFICATIONS

EXISTING OCCUPANCY CLASSIFICATION:
UNOCCUPIED

NEW OCCUPANCY CLASSIFICATIONS:
NON SEPARATED USES w/ MIXED OCCUPANCY CLASSIFICATIONS WITHIN TENANT SPACE INCLUDE:
MERCANTILE GROUP M
BUSINESS GROUP B
STORAGE GROUP S-2

OCCUPANT LOADS

OCCUPANT LOADS BASED ON 2018 INTERNATIONAL BUILDING CODE, TABLE 1004.1.2

ROOM OR SPACE DESIGNATION	CLASSIFICATION OF OCCUPANCY FOR USE	FLOOR AREA (S.F.)	DENSITY SF/PERSON	OCCUPANT LOAD BY CALCULATION	OCCUPANT LOAD BY ACTUAL NO.	AREA OCCUPANT LOAD TOTAL
RETAIL	MERCANTILE GRADE FLOOR AREAS	700	60 GROSS	11.66	-	12
CONSULT	BUSINESS AREAS	698	100 GROSS	6.98	-	7
STORAGE ROOM	ACCESSORY STORAGE AREAS	448	300 GROSS	1.49	-	2
AREA ACCOUNTED FOR IN OTHER SPACES, UNINHABITABLE SPACES, AND UNOCCUPIED SPACES		155	-	-	-	0
TOTALS		2,001	TOTAL OCCUPANT LOAD OF TENANT SPACE = 21 OCCUPANTS			

SANITARY FIXTURES

PLUMBING FIXTURE FACTORS BASED ON 2018 INTERNATIONAL BUILDING CODE, TABLE 2902.1

TYPE	CAPACITY	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS		
		FACTORS	# M. FIX.	# F. FIX.	FACTORS	# FIX.	FACTORS	# FIX.
M GROUP (MERCANTILE)	12 PERSONS (6 M / 6 F)	1/500	0.01	0.01	1/750	0.016	1/1000	0.012
B GROUP (OFFICE)	7 PERSONS (4 M / 4 F)	1/25 (FIRST 50) 1/50 (AFTER)	0.16	0.16	1/40 (FIRST 80) 1/80 (AFTER)	0.17	1/100	0.07
S GROUP (STORAGE)	2 PERSONS (1 M / 1 F)	1/100	0.01	0.01	1/100	0.02	1/1000	0.002
TOTAL			0.18	0.18		0.20		0.084
PROVIDED FIXTURES			1 (WC)	1 (WC)		2		2

SYMBOLS LEGEND

DETAIL CALLOUT REFERENCE: DETAIL NUMBER, AREA INCLUDED IN DETAIL, SHEET NUMBER ON WHICH DETAIL IS LOCATED.

INTERIOR ELEVATION REFERENCE: DIRECTION OF VIEW, ELEVATION NUMBER, SHEET NUMBER OF ELEVATIONS.

REVISIONS: CLASSIFIES WHICH SEQUENCE THE CHANGES BELONG TO (ISSUE DATES ARE LISTED ON SHEET BORDERS & SHEET INDEX) REVISION, ADDENDUM, CONSTRUCTION BULLETIN, GRAPHICALLY OUTLINES CHANGES.

KEYED NOTE: NOTE NUMBER (SEE KEYNOTE LEGEND - SAME SHEET), POINTS TO LOCATION AFFECTED BY NOTE.

ELEVATION MARKER: ITEM OR OBJECT BEING DEFINED, FLOOR LINE, ELEVATION.

SECTION CUT REFERENCE: DIRECTION OF CUT, DETAIL NUMBER, SHEET NUMBER ON WHICH DETAIL IS LOCATED.

DETAIL IDENTIFICATION: DETAIL NUMBER, VIEW NAME, SCALE: 1/8" = 1'-0", SHEET NUMBER ON WHICH DETAIL IS LOCATED.

PROJECT CONTACTS

CONSTRUCTION CONTACT
ZACH ZINGMARK
CONTACT: JAY JOHNSON
1305 WEST 18TH STREET
SIOUX FALLS, SD 57117-5039
P: (605) 221-2818
F: (605) 312-7701

ARCHITECTURAL
EXCEL ENGINEERING INC.
CONTACT: MICHAEL ZAGAR
100 CAMELOT DRIVE
FOND DU LAC, WI 54935
P: (920) 926-9800
F: (920) 926-9801

HVAC
EXCEL ENGINEERING INC.
CONTACT: MICHAEL ZAGAR
100 CAMELOT DRIVE
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P: (920) 926-9800
F: (920) 926-9801

PROJECT OWNER
PROFILE BY SANFORD
CONTACT: KRISTI HEY
1305 W. 18TH STREET
SIOUX FALLS, SD 57105
P: (605) 312-7704
F: (605) 312-7701

ELECTRICAL
EXCEL ENGINEERING INC.
CONTACT: TIM STOPPLEWORTH
100 CAMELOT DRIVE
FOND DU LAC, WI 54935
P: (920) 926-9800
F: (920) 926-9801

PLUMBING
EXCEL ENGINEERING INC.
CONTACT: JAY OESTREICH
100 CAMELOT DRIVE
FOND DU LAC, WI 54935
P: (920) 926-9800
F: (920) 926-9801

PROJECT GENERAL NOTES

- ALL WORK SHALL CONFORM TO BUILDING CODES, ORDINANCES, AND LAWS HAVING JURISDICTION AT PROJECT SITE. NOTIFY ARCHITECT IN WRITING OF ALL CONFLICTS.
- EXAMINATION OF SITE: THE CONTRACTOR SHALL VISIT THE PROJECT SITE AND EXAMINE FOR HIMSELF ALL CONDITIONS AFFECTING THE WORK. CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS NECESSARY TO PREPARE THE SITE FOR EXECUTION OF THIS CONTRACT.
- DIMENSIONS: DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN ON DRAWINGS AND ACTUAL FIELD MEASUREMENTS. NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES. VERIFY ALL DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT OF ALL DISCREPANCIES IN WRITING BEFORE PROCEEDING WITH WORK. ANY ERRORS, AMBIGUITIES AND OMISSIONS IN DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO ARCHITECT FOR CORRECTION BEFORE ANY PART OF THE WORK IS STARTED. UNLESS EXPRESSLY STIPULATED, NO ADDITIONAL ALLOWANCE WILL BE MADE IN THE CONTRACTORS' AND/OR MANUFACTURERS' FAVOR BY VIRTUE OF ERRORS, AMBIGUITIES AND/OR OMISSIONS WHICH SHOULD HAVE BEEN DISCOVERED DURING THE PREPARATION OF BID ESTIMATE AND DIRECTED TO THE ARCHITECT'S ATTENTION IN A TIMELY MANNER.
- CONTRACTORS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR PROPER COORDINATION AND COMPLETION OF THE WORK DESCRIBED. BEFORE ORDERING MATERIALS OR COMMENCING WITH WORK WHICH IS DEPENDENT UPON PROPER SIZING OF, OR INSTALLATION IN EXISTING PREVIOUS CONDITIONS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BY TAKING MEASUREMENTS AT BUILDING SITE AND SHALL BE RESPONSIBLE FOR THEIR CORRECTNESS. ANY DISCREPANCIES BETWEEN DRAWINGS AND/OR SPECIFICATIONS AND EXISTING CONDITIONS SHALL BE REFERRED TO THE ARCHITECT FOR ADJUSTMENT BEFORE ANY WORK AFFECTED THEREBY IS COMMENCED.
- MATERIALS: WHEN REFERENCE IS MADE IN THE SPECIFICATIONS TO TRADE NAMES OR TO THE NAMES OF MANUFACTURERS, SUCH REFERENCES ARE MADE SOLELY TO DESIGNATE AND IDENTIFY QUALITY OF MATERIAL OR EQUIPMENT, AND NOT TO RESTRICT COMPETITIVE BIDDING. IF THE CONTRACTOR WISHES TO USE MATERIALS OR EQUIPMENT OTHER THAN SPECIFIED, PRIOR WRITTEN APPROVAL OF ARCHITECT AND OWNER MUST BE OBTAINED. THE ARCHITECT AND OWNER WILL APPROVE SUCH MATERIAL OR EQUIPMENT CHANGES IF THEY ARE CONSIDERED SUITABLE AND EQUAL TO THOSE SPECIFIED.
- MANUFACTURER'S DIRECTIONS: ALL MANUFACTURED ARTICLES, MATERIAL AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED AND CONDITIONED AS DIRECTED BY THE MANUFACTURERS, UNLESS HEREIN SPECIFIED TO THE CONTRARY.
- WORK AND MATERIAL NOT SPECIFIED: ANY ITEM OF WORK NECESSARY TO THE PROPER COMPLETION OF CONSTRUCTION UNDER THIS CONTRACT WHICH IS NOT SPECIFICALLY COVERED IN THE DRAWINGS AND SPECIFICATIONS SHALL BE PERFORMED IN A MANNER DEEMED GOOD PRACTICE OF THE TRADE INVOLVED. MATERIALS AND EQUIPMENT NOT SPECIFICALLY COVERED BY THE DRAWINGS AND SPECIFICATIONS SHALL BE OF A STANDARD EQUAL TO GOOD PRACTICE COMMENSURATE WITH THE CLASS OF STRUCTURE CONSTRUCTED AND TO THE MATERIALS SHOWN OR SPECIFIED HEREIN.
- PERMITS, FEES AND NOTICES: THE CONTRACTOR WILL SECURE AND PAY FOR THE BUILDING PERMIT UNLESS OTHER ARRANGEMENTS ARE MADE WITH THE OWNER. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL OTHER PERMITS RELATED TO HIS WORK. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, CODES AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF HIS WORK. INSURANCE: OWNER AND ALL CONTRACTORS SHALL EFFECT AND MAINTAIN PROPER INSURANCE.
- CHANGES IN WORK: ALL CHANGES IN THE DOCUMENTS ARE TO BE DOCUMENTED BY MEMO, FIELD ORDER, OR CHANGE ORDER INITIATED BY THE ARCHITECT AND SIGNED BY OWNER AND CONTRACTOR.

NOTE TO CONTRACTOR

PROFILE BY SANFORD RESERVES THE RIGHT TO DETERMINE A FAIR AND EQUITABLE SOLUTION TO ANY PROBLEMS, MISTAKES, OVERSIGHTS OR HIDDEN DAMAGE. PLEASE PHONE OUR OFFICE IMMEDIATELY UPON DISCOVERY. DO NOT INSTINCTIVELY PRODUCE A SOLUTION, OR PROCEED WITH WORK THAT WOULD RESULT IN A CHANGE ORDER REQUIRING REIMBURSEMENT BY THE OWNER OR SYMPATECO, INC. ANY SOLUTIONS OUTSIDE THIS POLICY SHALL BE WITH PRIOR APPROVAL AND WILL BE AT THE FRANCHISEE'S OR CONTRACTOR EXPENSE.

LIST OF ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	GC	GENERAL CONTRACTOR
AHU	AIR HANDLER UNIT	GWB	GYPNUM WALL BOARD
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	GYP	GYPNUM
ARCH	ARCHITECTURAL	HC	HANDICAPPED
BLDG	BUILDING	HVAC	HEATING/VENTILATING/AIR CONDITIONING
CATV	CABLE TELEVISION	INT	INTERIOR
CLG	CEILING	INSUL	INSULATION
CLR	CLEAR	LAV	LAVATORY
CONC	CONCRETE	LOC	LOCATION(S)
CONST	CONSTRUCTION	MAX	MAXIMUM
CONTR	CONTRACTOR	MIN	MINIMUM
CT	CERAMIC TILE	NIC	NOT IN CONTRACT
DF	DRINKING FOUNTAIN	NTS	NOT TO SCALE
DM	DIMENSION	OC	ON CENTER
DISP	DISPENSARY	OPNG	OPENING
EDF	EXISTING DRINKING FOUNTAIN	PLAM	PLASTIC LAMINATE
EP	ELECTRIC PANEL	PLBG	PLUMBING
EFP	EXISTING ELECTRICAL PANEL	PLYVD	PLYWOOD
EFD	EXISTING FLOOR DRAIN	REQ	REQUIRED (REQUIREMENTS)
EXST	EXISTING	ROOM	ROOM
EXTG	EXISTING	RM	ROOM
EXT	EXTERIOR	SI	SYMPATECO, INC.
FD	FLOOR DRAIN	TYP	TYPICAL
FLUOR	FLUORESCENT	VAC	VACUUM
		VTR	VENT THROUGH ROOF

SHEET INDEX

NUMBER	SHEET NAME / DESCRIPTION	SHEET ISSUE DATE	LATEST SHEET REVISION	
			NUMBER	DATE
GENERAL				
CS1.0	TITLE SHEET	AUG. 27, 2019		
T2.0	GENERAL BUILDING SPECIFICATIONS	AUG. 27, 2019		
T2.1	GENERAL BUILDING SPECIFICATIONS	AUG. 27, 2019		
T3.0	LANDLORD WORK LETTER	AUG. 27, 2019		
ARCHITECTURAL				
D1.1	DEMOLITION FLOOR PLAN	AUG. 27, 2019		
A1.1	FLOOR PLAN	AUG. 27, 2019		
A1.2	FIXTURE PLAN	AUG. 27, 2019		
A1.3	FINISH PLAN	AUG. 27, 2019		
A1.4	REFLECTED CEILING PLAN	AUG. 27, 2019		
A4.0	DETAILS & ELEVATIONS	AUG. 27, 2019		
A4.1	DETAILS	AUG. 27, 2019		
A5.0	ENLARGED PLANS	AUG. 27, 2019		
PLUMBING				
P0.1	LEGEND AND SPECIFICATIONS	AUG. 27, 2019		
P1.1	FLOOR PLANS	AUG. 27, 2019		
P2.0	ISOMETRICS	AUG. 27, 2019		
P3.0	DETAILS	AUG. 27, 2019		
P4.0	SCHEDULES	AUG. 27, 2019		
FIRE PROTECTION				
FP0.1	LEGEND, SPECIFICATIONS, SCHEDULES & FLOOR PLAN	AUG. 27, 2019		
HVAC				
H0.1	LEGEND AND SPECIFICATIONS	AUG. 27, 2019		
H1.1	FIRST FLOOR PLAN	AUG. 27, 2019		
H3.0	DETAILS	AUG. 27, 2019		
H4.0	SCHEDULES	AUG. 27, 2019		
ELECTRICAL				
E0.1	SYMBOLS LEGEND & FIXTURE SCHEDULE	AUG. 27, 2019		
E0.2	SPECIFICATIONS	AUG. 27, 2019		
E1.1	FLOOR PLAN - ELECTRICAL	AUG. 27, 2019		
E4.0	ONLINE DIAGRAMS, SCHEDULES & DETAILS	AUG. 27, 2019		

LOCATION MAP



PROJECT INFORMATION

TENANT BUILD-OUT FOR:
PROFILE BY SANFORD
1301 S. GILBERT ST., SUITE 2 • IOWA CITY, IA 52240

TENANT BUILD-OUT FOR:
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PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE AUG. 27, 2019

REVISIONS

JOB NUMBER 1942920

SHEET NUMBER

CS1.0

LANDLORD WORK LETTER

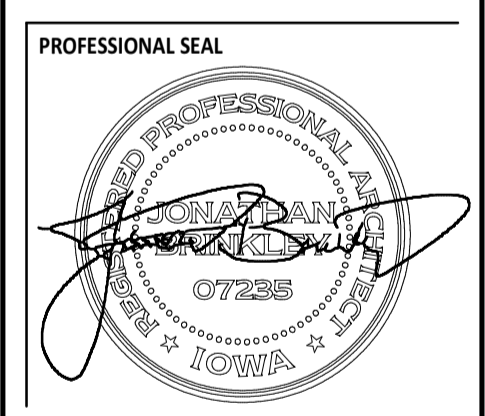
14. CONDITIONS AND DELIVERY OF PREMISES. LESSOR shall deliver the leased premises to LESSEE in an "as is" condition, and LESSOR makes no representations or warranties regarding the condition of the leased premises nor as to compliance with the applicable building, housing or other ordinances. LESSEE acknowledges that LESSEE has had the opportunity to inspect the leased premises and agrees to accept possession thereof in an "as is" condition. In the event LESSOR is unable to deliver the leased premises at the beginning of the term of this Lease, LESSEE'S only remedy shall be an abatement of rent.

15. ALTERATIONS AND IMPROVEMENTS. LESSEE shall have the right to make any and all improvements, and to repair, replace, and retrofit the leased premises as may be desired by LESSEE, at LESSEE'S expense; provided, however, that LESSEE shall submit its plans for LESSEE'S improvements and alterations for LESSOR'S approval, which shall not be unreasonably withheld, delayed, or conditioned. As to any LESSEE'S improvements and alterations, such work shall be performed with new materials, in a good and workmanlike manner, strictly in accordance with plans and specifications therefore first approved in writing by LESSOR and in accordance with all applicable laws and ordinances. LESSEE shall be responsible for the costs and expenses of any of LESSEE'S improvements and alterations to the leased premises, including all costs and expenses associated with the construction of any of said improvements and alterations to the leased premises that may be required by the laws, ordinances, or any governmental body or agency. Furthermore, LESSEE may install trade fixtures and equipment on the leased premises. Upon termination of this Lease, all alterations and improvements, temporary or permanent, made in or upon the leased premises by LESSEE shall become LESSOR'S property and shall remain in the leased premises on termination without compensation, allowance, or credit to LESSEE. Upon termination of this Lease, if LESSEE is not in default hereunder, LESSEE may remove LESSEE'S trade fixtures and equipment and other articles of personal property incident to LESSEE'S business; provided, however, that LESSEE shall repair any injury or damage to the leased premises which may result from such removal and shall restore the leased premises to the same condition as prior to the installation thereof. If LESSEE does not remove said articles of personal property from the leased premises prior to the expiration or earlier termination of the Lease, LESSOR shall treat such articles of personal property as having been transferred to LESSOR without further payment or credit by LESSOR to LESSEE or obligation to LESSEE. LESSOR may, in this event, dispose of said articles of personal property belonging to LESSEE of any kind and nature. Such disposal may take place in any manner, commercially reasonable or not, including destruction and disposal in the Johnson County landfill.



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1301 S. GILBERT ST., SUITE 2 • IOWA CITY, IA 52240



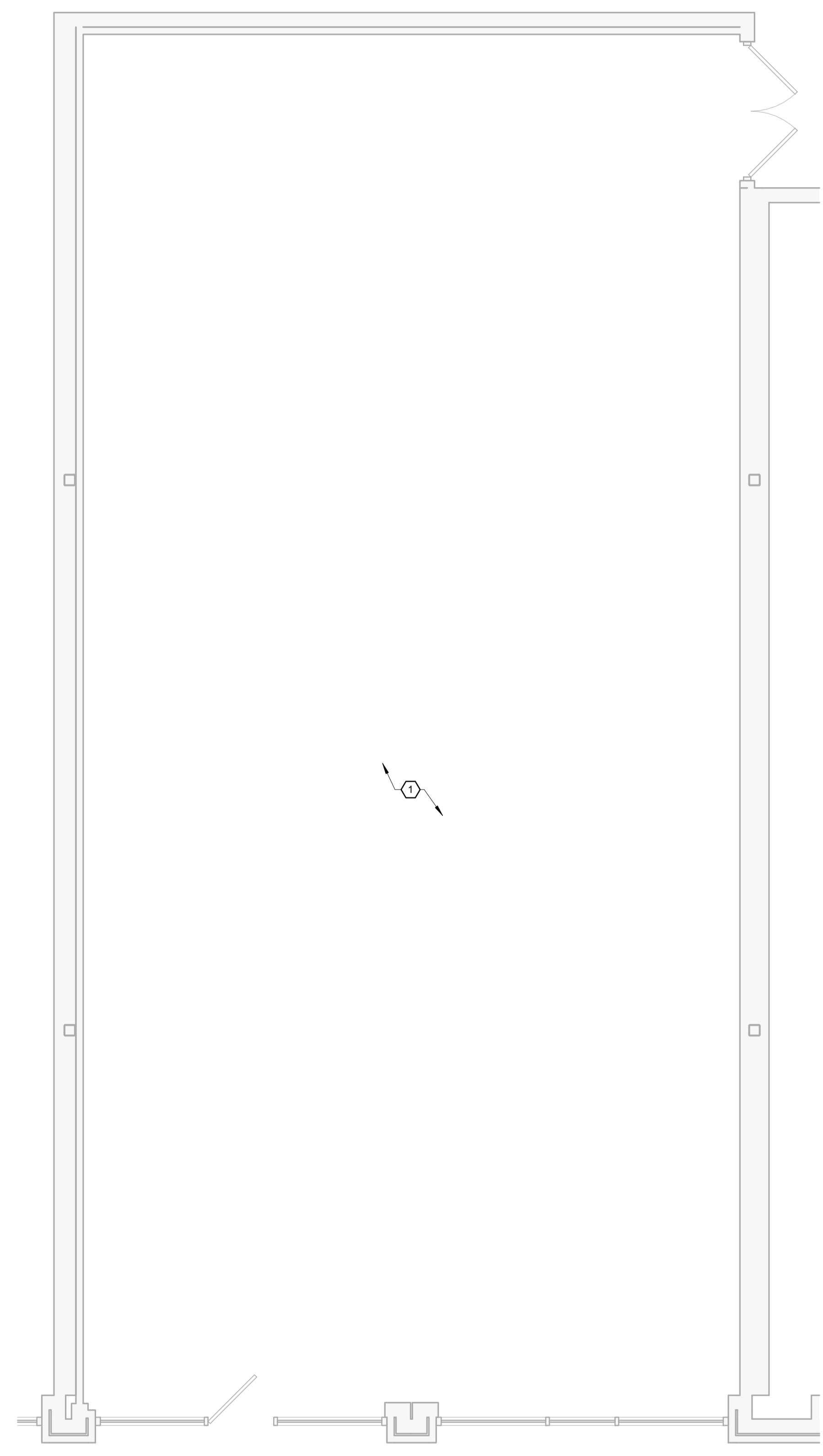
SHEET DATES

SHEET ISSUE AUG. 27, 2019

REVISIONS

JOB NUMBER
1942920

SHEET NUMBER
T3.0



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

GENERAL NOTES

ALL DEMOLITION BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

GENERAL CONTRACTOR AND MECHANICAL SUBS TO FIELD VERIFY ALL DIMENSIONS, LOCATIONS OF WALLS, DOORS AND OTHER ITEMS HAVE BEEN FIELD MEASURED FOR GENERAL LAYOUT ONLY. REPORT ANY DISCREPANCIES TO EXCEL ENGINEERING FOR CLARIFICATION PRIOR TO THE START OF WORK.

WHERE REMOVAL OF PIPES, CONDUIT, DUCTWORK, ETC. HAS LEFT AN OPENING, FILL AND PATCH OPENING TO MATCH THE ADJACENT CONSTRUCTION AND FINISH AS REQUIRED.

PATCH ALL WORK AT REMOVAL AND NEW CONNECTION POINTS AS REQUIRED TO MATCH ADJACENT NEW OR EXISTING FINISHES.

BEFORE COMMENCING WITH DEMOLITION WORK, REVIEW WITH THE OWNER WHICH ITEMS ARE TO BE SALVAGED AND TURNED OVER TO THE OWNER, IN ADDITION TO THOSE LISTED ON THE PLAN. ANY ITEM NOT WANTED BY THE OWNER SHALL BE REMOVED FROM THE JOB SITE BY THE GENERAL CONTRACTOR AND DISPOSED OF IN THE PROPER AND LEGAL MANNER.

ALL EXISTING GYP BOARD SUBSTRATES TO BE PREPPED TO ACCEPT NEW FINISHES PER THE ROOM FINISH SCHEDULE. IF EXISTING SUBSTRATE CANNOT ACCEPT NEW FINISHES REPLACE AS REQUIRED.

CONTRACTOR TO DEMO ALL EXISTING/UNUSED ITEMS SUSPENDED FROM ABOVE IN NEW AREAS THAT WILL BE EXPOSED TO STRUCTURE IN NEW LAYOUT. ITEMS TO REMAIN IN EXPOSED AREAS ARE TO BE RELOCATED TO BOTTOM OF JOIST/TRUSS/DECK AND RUN IN A NEAT, ORDERLY FASHION

SEE MECHANICAL AND ELECTRICAL SHEETS FOR DEMO NOTES

SEE PLUMBING DRAWINGS FOR DESCRIPTION OF REQUIRED PLUMBING DEMOLITION.

MECHANICAL NOTES

GC AND PLUMBING CONTRACTOR TO VERIFY IN FIELD LOCATION OF ALL PIPING AND FIXTURES. CONTRACTOR TO REWORK / REROUTE ANY EXISTING PIPING, FITTINGS, ECT. AS NEEDED TO ALIGN WITH NEW WORK.

COORDINATE DEMOLITION OF EXISTING PIPING TO BE REMOVED WITH GC.

NO EXISTING PLANS OF UNDERGROUND PIPING EXIST. FIELD VERIFY LOCATIONS OF EXISTING PIPE MAINS. REUSE ANY PIPING OF SUFFICIENT SIZE IN GOOD CONDITION. REROUTE AS REQUIRED BY ACTUAL CONDITIONS.

WHERE EXISTING PIPING IS TO BE REMOVED CAP BRANCH PIPE IF NOT BEING USED FOR NEW CONSTRUCTION.

ELECTRICAL CONTRACTOR TO DEMO AND REMOVE ALL CONDUIT, WIRING, OUTLETS, SWITCHES, LIGHTING FIXTURES, BREAKERS, TELEPHONE BOARDS, ELECTRIC PANELS AND ANY EQUIPMENT NOT USED IN NEW LAYOUT.

ELECTRICAL CONTRACTOR TO REWORK ANY EXISTING SIGNAGE OR POWER CIRCUITS REMAINING IN EXPOSED CEILING AREA OF NEW SPACE SO THAT THEY ARE RUN IN A NEAT AND ORDERLY FASHION.

REMOVE ALL EXISTING HVAC EQUIPMENT, DUCTWORK AND GRILLES UNLESS INDICATED AS EXISTING TO REMAIN.

HVAC CONTRACTOR TO COORDINATE ALL DEMO / WALL AND/OR ROOF PENETRATIONS WITH GC, OWNER AND LANDLORDS REQUIRED ROOFING CONTRACTOR.

HVAC CONTRACTOR TO CAP ANY DUCT DROPS FROM RTU OR EXHAUST EQUIPMENT NOT USED IN NEW LAYOUT.

HVAC CONTRACTOR TO COORDINATE WITH LANDLORD ANY REMOVED HVAC EQUIPMENT TO BE ABANDONED IN PLACE OR SAVED AT OFFSITE LOCATION BY LANDLORD.

DEMOLITION KEYED NOTES

① REMOVED ALL UNUSED ITEMS NOT NEEDED FOR NEW WORK.

EXCEL
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NO.	DESCRIPTION

JOB NUMBER
1942920

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D1.1

DOOR SCHEDULE									
DOOR NO.	DOOR SIZE			DOOR TYPE	FRAME TYPE	UNDERCUT OR GRILLE (W x H)	HARDWARE SET		REMARKS
	WIDT H	HEIGHT	THICKNESS						
101	3'-0"	8'-2 1/2"	1 3/4"	GLASS					2
102	3'-0"	8'-2 1/2"	1 3/4"	GLASS					2
103	3'-0"	8'-2 1/2"	1 3/4"	GLASS					2
104	3'-0"	8'-2 1/2"	1 3/4"	GLASS					2
105	3'-0"	8'-2 1/2"	1 3/4"	GLASS					2
111	3'-0"	7'-0"	1 3/4"	WD1	HM1	1" UC	1		1
112	3'-0"	7'-0"	1 3/4"	WD1	HM1	1" UC	1		1
114a	3'-0"	7'-0"	1 3/4"	MD1	HM1				
X100	3'-0"	6'-11 1/8"	1 3/4"	EXT					
X114b	6'-0"	7'-0"	1 3/4"	(2)MD1	HM2				

REMARKS:

- NEW INTERIOR DOORS SHALL BE SOLID CORE, 5-PLY WOOD w/ WELDED HOLLOW METAL FRAMES. DOOR AND FRAME SHALL BE PAINTED TO MATCH WALL.
- DOOR, SIDELIGHT AND ALL ASSOCIATED HARDWARE TO BE PROVIDED BY OWNER. SEE DOOR DETAILS 1/A4.0, 3/A4.0, & 4/A4.0.
- GC TO VERIFY EXISTING HARDWARE MEETS TENANTS REQUIREMENTS, IS IN GOOD WORKING ORDER, AND COMPLIES w/ ADA. IF NOT, CONTRACTOR TO REPLACE w/ COMPLIANT HARDWARE. GC TO VERIFY FINISH, STYLE AND FUNCTION OF HARDWARE WITH OWNER PRIOR TO START OF WORK.
- GC TO PREP/PAINT EXISTING INTERIOR AND EXTERIOR OF DOOR AND FRAME TO MATCH ADJACENT WALLS. GC TO VERIFY EXTERIOR FINISH WITH BUILDING OWNER.

GENERAL NOTES:

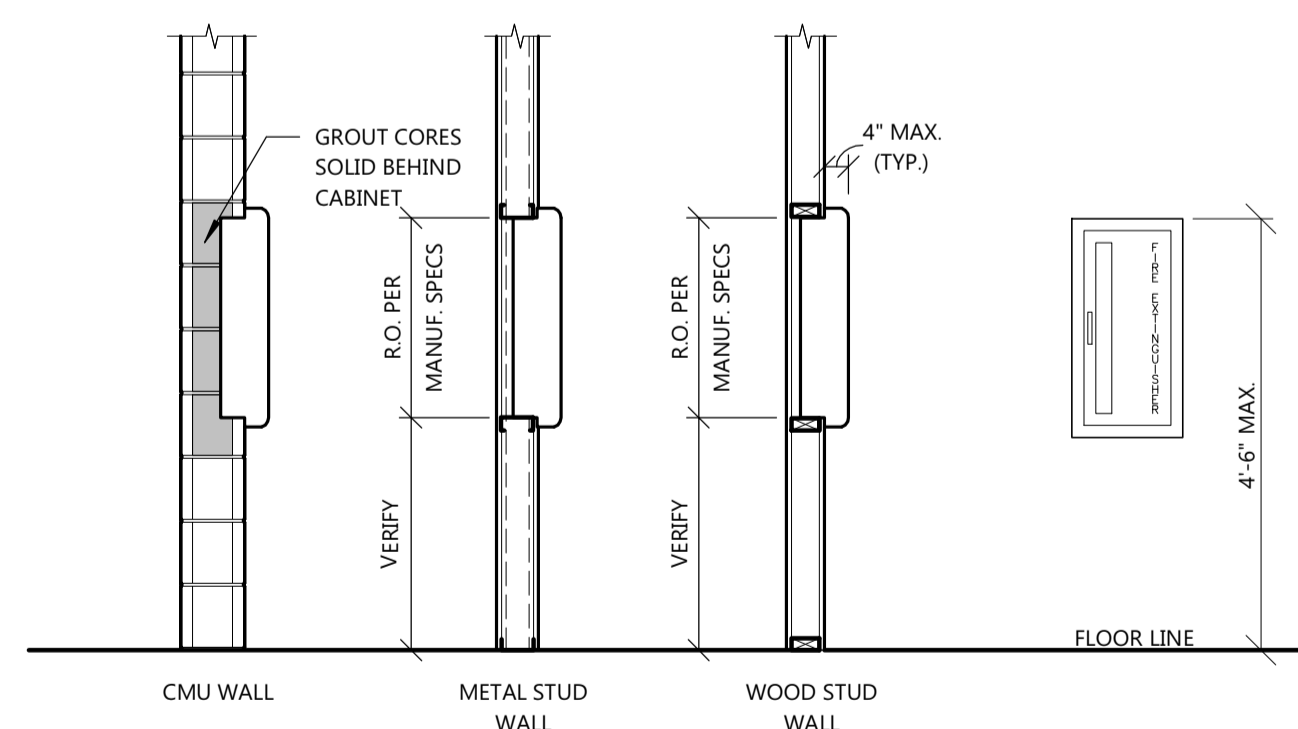
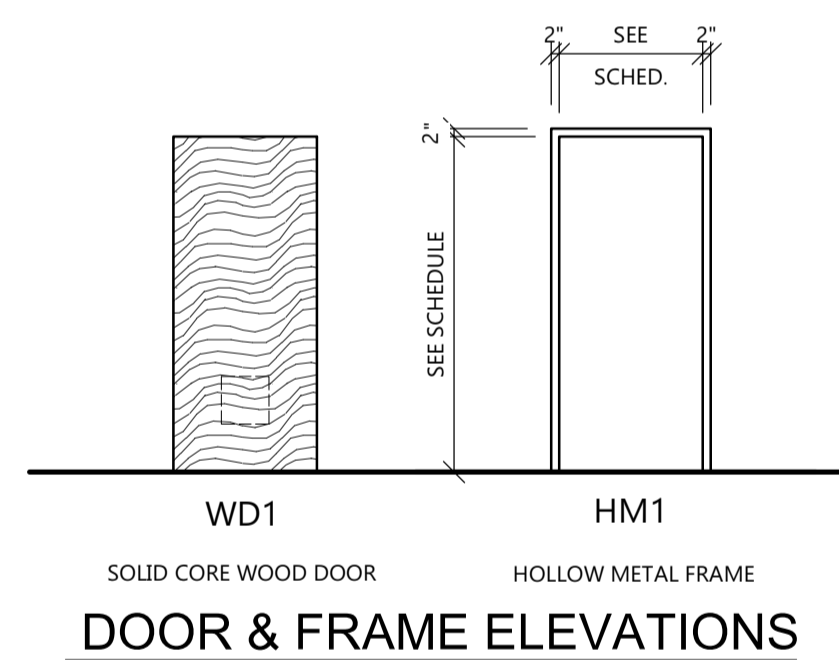
- RE-KEY ALL EXISTING ENTRY/EXIT DOORS. PROVIDE 10 KEYS
- PROVIDE IVES U696 150° VIEWER AT EXISTING REAR EXIT DOOR(S) WITHOUT VIEW PANELS INSTALLED AT 5'-0" AFF.

HARDWARE SET SCHEDULE

SET	DESCRIPTION
1	LOCKSET: AL SERIES, PRIVACY (AL405/F76)* HINGES: IVES, 1-1/2 PAIRS, 4.5x4.5 WALL STOP: IVES, WS447 CLOSER: PULL SIDE REG (689) NORTON 7501
2	LOCKSET: AL SERIES, STOREROOM (AL80PD/F86) HINGES: IVES, 1-1/2 PAIRS, 4.5x4.5
3	LOCKSET: AL SERIES, PASSAGE (AL105/F75) HINGES: IVES, 1-1/2 PAIRS, 4.5x4.5

HARDWARE NOTES:

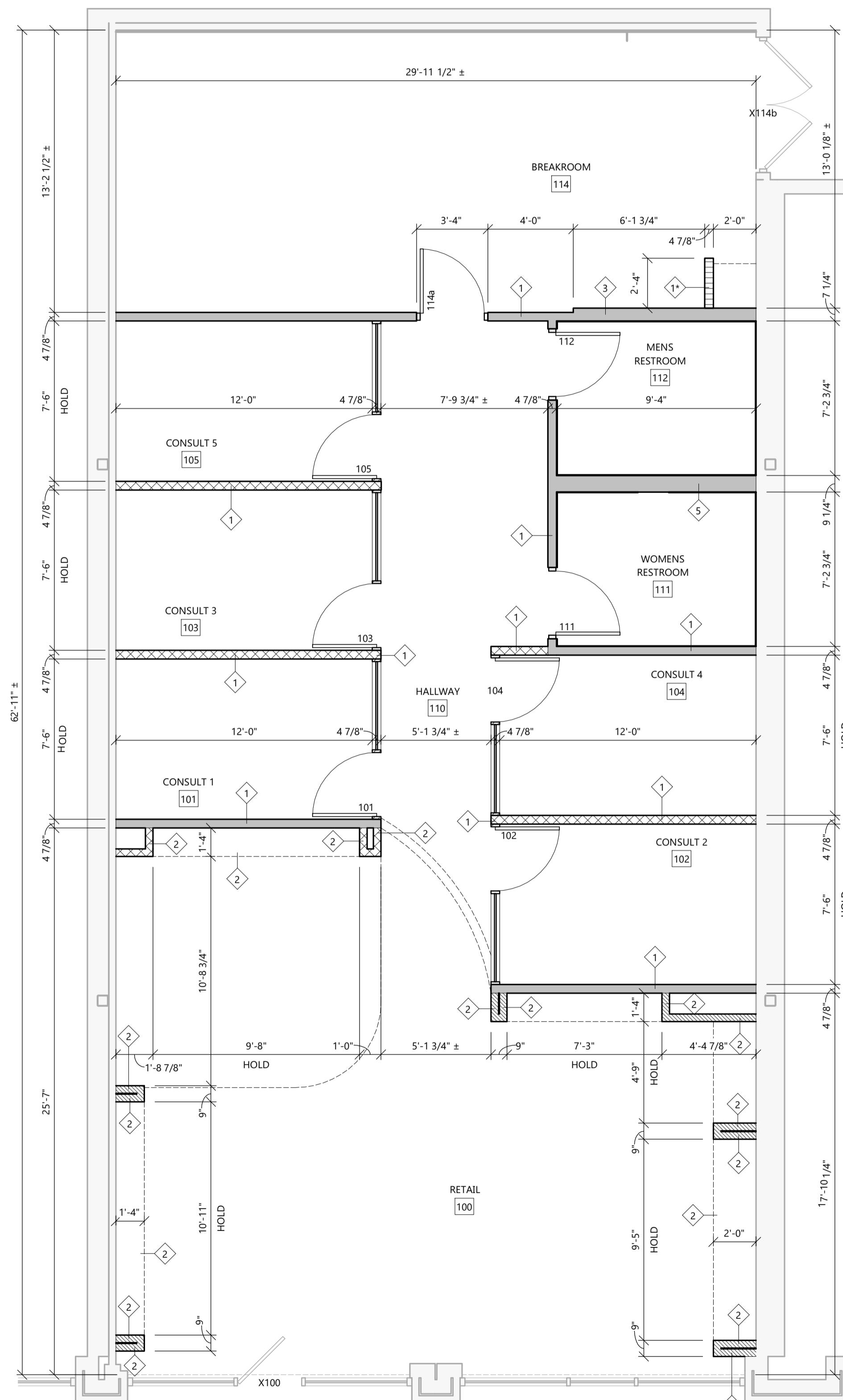
- ALL HARDWARE FINISH TO BE 626/US26D, SATIN CHROMIUM PLATED/BRUSHED CHROME OR SIMILAR FINISH
- UTILIZE SATURN TYPE LEVER.
- ALL DOORS TO HAVE THREE (3) SILENCERS (TYPICAL)
- PROVIDE BLOCKING AT WALL STOP.
- ALL HINGES TO BE FULL MORITSE, BALL BEARING (STANDARD/MEDIUM DUTY), STAINLESS STEEL PIN.
- ALL HARDWARE TO BE IN COMPLIANCE WITH IBC SECTION 1010.1.1, 1010.1.7, 1010.1.9, 1010.1.10



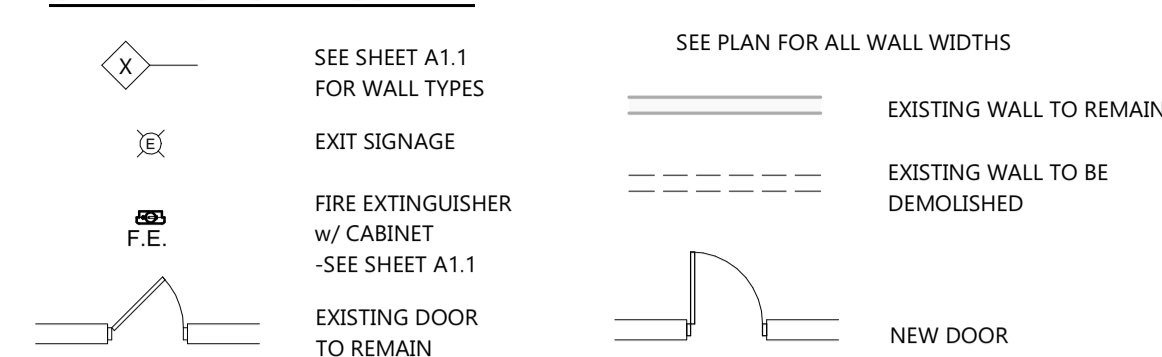
FIRE EXTINGUISHER / CABINET SPECIFICATION:

MANUFACTURER: JL INDUSTRIES, INC.
PRODUCT: FIRE EXTINGUISHER CABINET
-MODEL 'AMBASSADOR' 1017V10
-PROVIDE FIRE-FX FIRE RATED TUB OPTION WHEN LOCATED IN RATED WALLS (1 & 2 HOUR-RATED)
-PROVIDE BLACK VERTICAL LETTERING SPELLING FIRE EXTINGUISHER ON CABINET DOOR
FIRE EXTINGUISHER:
-COSMIC 10E
10 LB. CAPACITY; 4A-80BC RATING
MISC: PAINT CABINET TO MATCH ADJACENT WALL FINISH

1 FIRE EXTINGUISHER CABINET
A1.1 NOT TO SCALE

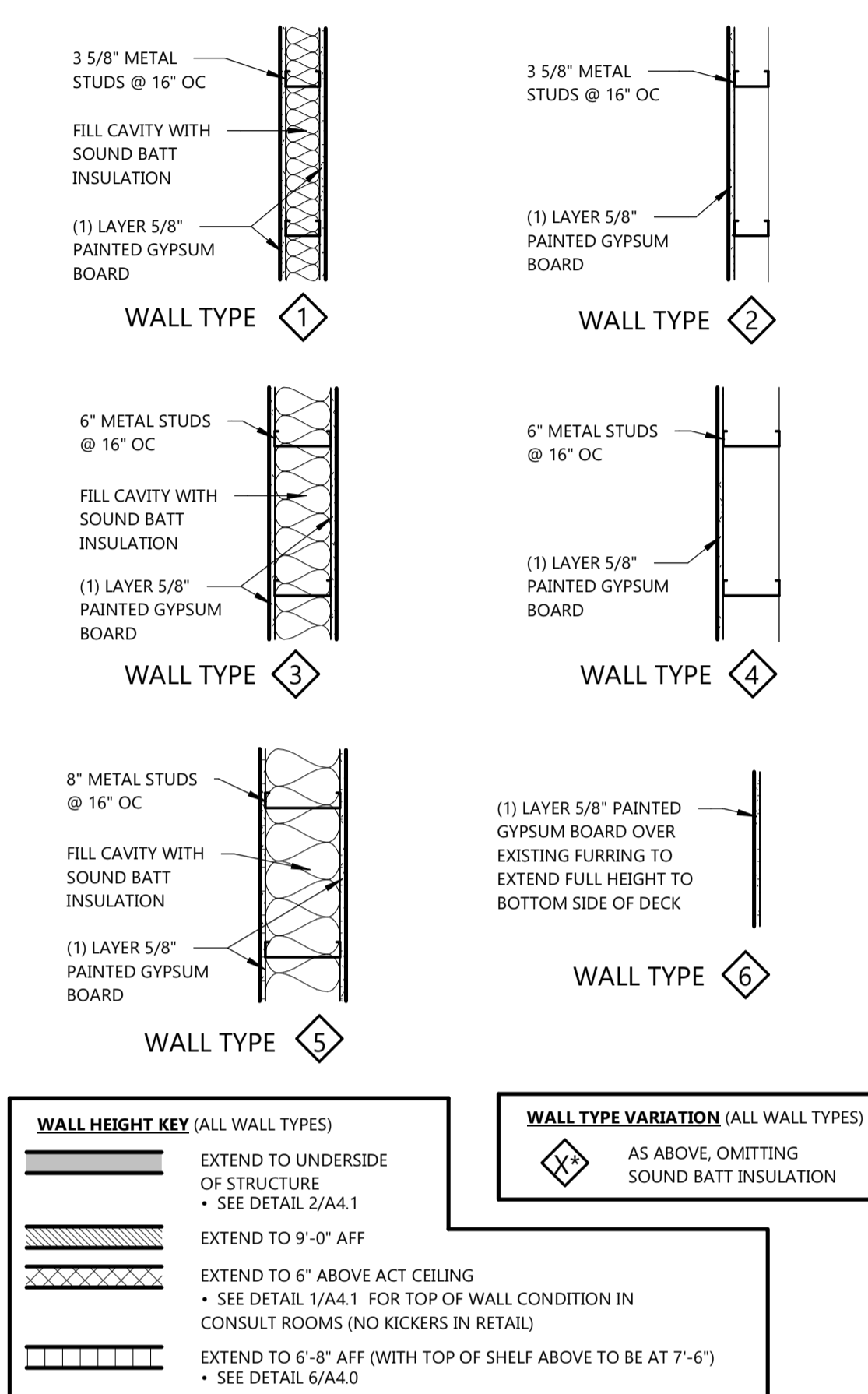


SYMBOLS LEGEND



INTERIOR WALL TYPE LEGEND

(NOTE NOT ALL WALL TYPES MAY BE USED)



- WALL HEIGHT KEY (ALL WALL TYPES)**
- EXTEND TO UNDERSIDE OF STRUCTURE
 - EXTEND TO 9'-0" AFF
 - EXTEND TO 6" ABOVE ACT CEILING
 - EXTEND TO 6'-8" AFF (WITH TOP OF SHELF ABOVE TO BE AT 7'-6")
- WALL TYPE VARIATION (ALL WALL TYPES)**
- AS ABOVE, OMITTING SOUND BATT INSULATION
- NOTES:**
- ALL INTERIOR DIMENSIONS ARE FACE-OF-FINISH TO FACE-OF-FINISH.
 - ALL INTERIOR WALL TYPES SHALL BE CONSTRUCTED TO EXTEND TO UNDERSIDE OF STRUCTURE ABOVE (UNO). PROVIDE KICKERS TO STRUCTURE, AS NECESSARY FOR SUPPORT. SEE SHEET A1.4 FOR DETAILS. UTILIZE DEFLECTION TRACK AS REQUIRED.
 - MATERIALS SHOWN IN WALL TYPES EXTEND FULL HEIGHT (UNO)
 - ALL PENETRATIONS THROUGH FIRE WALL MUST BE FIRE STOPPED w/ APPROPRIATE ASSEMBLY TO MAINTAIN FIRE RATING
 - ALL PARTITIONS TO BE WALL TYPE 1, UNLESS NOTED OTHERWISE.
 - PARTITION SUPPORT KICKERS ARE NOT TO BE VISIBLE FROM HALLWAYS OR OTHER PUBLIC SPACES.
 - RESTORE RATING OF ANY EXISTING WALL IF PENETRATED.
 - GYPSON BOARD SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS AS PER MANUFACTURERS REQUIREMENTS AND INDUSTRY STANDARDS. ALL GYPSON BOARD SURFACES ARE TO BE FINISHED SMOOTH, UNLESS NOTED OTHERWISE. GYPSON ASSOCIATION GA-214-96 LEVEL 4 FINISH, WITH THE FOLLOWING ADDITION; ANY READILY VISIBLE IMPERFECTIONS IN GYPSON BOARD SURFACE SHALL BE COATED WITH JOINT COMPOUND AND/OR SKIM-COATED AS REQUIRED.
 - GC TO VERIFY ALL EXISTING EXTERIOR WALLS HAVE MIN. R-13 BATT INSULATION AND 6 MIL POLY VAPOR RETARDER INSTALLED PER MFG SPECS (TAPE ALL VAPOR RETARDER SEAMS)
 - ALL EXTERIOR WINDOWS TO HAVE GYP BOARD RETURNS AT HEAD AND JAMBES. PROVIDE SOLID SURFACE SILLS AT EXTERIOR STOREFRONTS WITH KNEEWALLS, WHERE APPLICABLE (SEE FINISH PLAN).
 - GENERAL CONTRACTOR SHALL FURNISH AND INSTALL WOOD BLOCKING IN WALL PARTITIONS FOR THE PROPER ANCHORAGE OF ALL WALL ATTACHED ITEMS (I.E. TOILET ACCESSORIES, CABINETS, WALL-MOUNTED FIXTURES, CASEWORK, MILLWORK, ETC).
 - GENERAL CONTRACTOR SHALL INCLUDE ALL OWNER FURNISHED AND INSTALLED ITEMS AND OWNER FURNISHED AND CONTRACTOR INSTALLED ITEMS IN THE CONSTRUCTION, AND SHALL COORDINATE WITH THE OWNER TO ACCOMMODATE THESE ITEMS.
 - INSTALL FLOOR DRAINS & FLOOR SINKS AS REQUIRED PER LOCAL CODE.
 - ALL INTERIOR WALLS TO BE 3 5/8" OR 6" METAL STUDS @ 16" O.C. (SEE FLOOR PLAN FOR SIZE) w/ 5/8" GYPSON BOARD BOTH SIDES.
 - GC TO COORDINATE CLEARANCE & DIMENSIONS OF ALL OWNER SUPPLIED FIXTURES & FURNITURE TO ADJUST FRAMED OPENINGS & BLOCKING AS NEEDED TO COMPLY WITH FINAL DIMENSIONS.
 - MISCELLANEOUS HARDWARE INCLUDED: HANDICAP HARDWARE, MEN'S AND WOMEN'S REST ROOM SIGNS.
 - ALL EXTERIOR / DEMISING WALLS TO BE STUDS AND GYP BOARD TO BOTTOM OF DECK. IF NOT CONTRACTOR TO ADD STUDS / GYP BOARD AS REQUIRED. NO EXPOSED CONCRETE / MASONRY WALLS ALLOWED. IF BEAM/COMUNIS EXIST, CONTRACTOR TO FUR OUT AS NEEDED
 - GC TO VERIFY ALL MAJOR BUILDING DIMENSIONS. NOTIFY OWNER / EXCEL OF ANY DISCREPANCIES PRIOR TO START OF WORK. PROCEED AT OWN RISK IF NOT NOTIFIED

GENERAL NOTES

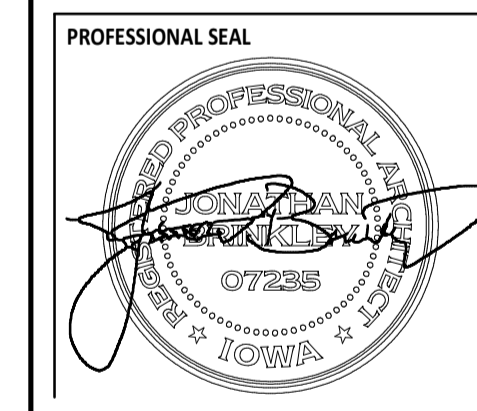
- UNLESS NOTED OTHERWISE, GENERAL NOTES APPLY TO ALL DRAWINGS IN THIS SET.
- GENERAL CONTRACTOR SHALL VISIT PROJECT SITE PRIOR TO SUBMITTAL OF BID. CONTRACTOR SHALL ESTABLISH SCOPE OF WORK FROM CONSTRUCTION DOCUMENTS AND ACTUAL PROJECT SITE VISIT. ANY OMISSIONS, DISCREPANCIES OR CLARIFICATIONS ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF SYMPACO, INC. AN OWNER FAILURE OF THE CONTRACTOR TO PERFORM IN THIS MANNER DOES NOT ALLOW FOR ADDITIONAL COSTS TO THE OWNER.
- ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS WHICH ARE NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER.
- FLOOR PLAN NOT GUARANTEED TO BE 100% ACCURATE. FIELD VERIFICATION IS REQUIRED FOR DIMENSIONAL ACCURACY. DO NOT SCALE OFF OF DRAWINGS.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS WITHIN THE CURRENT EDITIONS OF ALL LOCAL, CITY, STATE AND FEDERAL APPLICABLE CODES ADOPTED BY THE LOCAL JURISDICTION.
- ANY SHUT DOWN OF THE FIRE PROTECTION SYSTEM SHALL BE COORDINATED WITH THE LANDLORD, (WHERE APPLICABLE)
- FIRE EXTINGUISHER SHALL BE MINIMUM 10 LB. OR AS REQUIRED BY CODE. UTILIZE ABC TYPE WITH SEMI-RECESSED CABINET WHERE SHOWN. SEE DETAIL 1/A1.1
- LOCATE WATER HEATER ON SHELF ABOVE MOP SINK AT APPROX. 7'-6" A.F.F. SEE DETAIL 6/A4.0

FLOOR PLAN

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SHEET DATES

SHEET ISSUE: AUG. 27, 2019

REVISIONS

NO.	DESCRIPTION

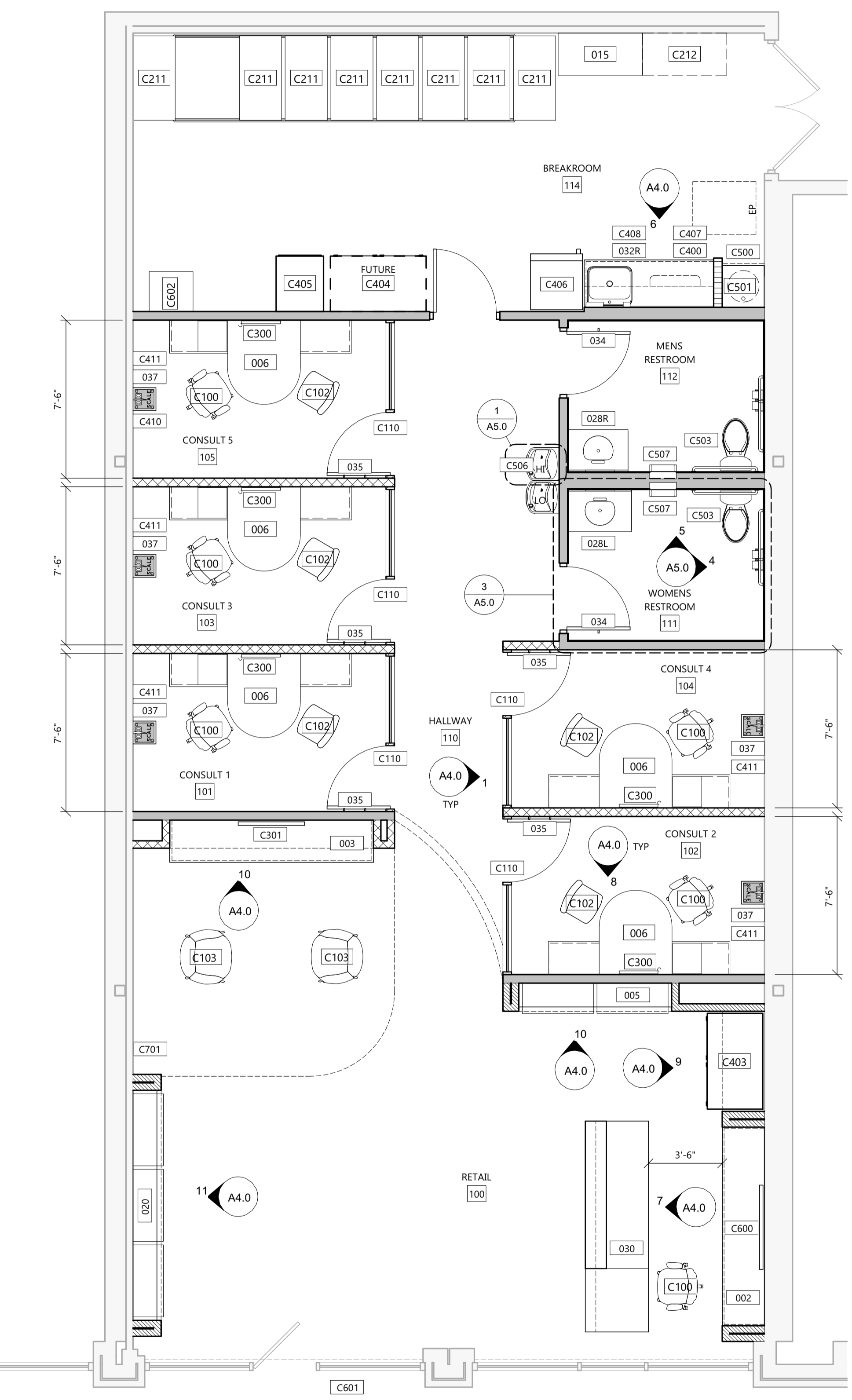
JOB NUMBER

1942920

SHEET NUMBER

A1.1

FF&E DIVISION OF WORK S.I. SUPPLIED ITEMS (PLEASE NOTE NOT ALL FIXTURES MAY BE USED)				
TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	REMARKS
002	BACK WRAP	S.I.	GC	
003	RETAIL CABINET 116"	S.I.	GC	
004	DISPLAY SHELVING, SINGLE WIDE	S.I.	GC	
005	DISPLAY SHELVING, DOUBLE WIDE	S.I.	GC	
006	CONSULTANT ROOM CABINETS	S.I.	GC	DESK TO BE CENTERED ON THE WALL
007	OMITTED			
008	OMITTED			
009	CONFERENCE ROOM CABINET	S.I.	GC	
010	42" ROUND TABLE, HIGH	S.I.	GC	
011	36" ROUND TABLE, LOW	S.I.	GC	
013	TIERED SHELF, FREESTANDING	S.I.	GC	
014	OMITTED			
015	PORTABLE TABLE, 24"D x 48"W	S.I.	GC	
016	RESTROOM CABINET ORGANIZER	S.I.	GC	
018	RETAIL CABINET (102")	S.I.	GC	
020	DISPLAY SHELVING, TRIPLE WIDE	S.I.	GC	
022	FLOOR DISPLAY STAND	S.I.	GC	
023	DISPLAY SHELVING, TRIPLE WIDE	S.I.	GC	5'-0" TALL
024	LAMINATE COUNTER	S.I.	GC	USED WITH TRIPLE WIDE SHELVING, 5'-0" TALL
025	DISPLAY SHELVING, DOUBLE WIDE	S.I.	GC	5'-0" TALL
026	LAMINATE COUNTER	S.I.	GC	USED WITH DOUBLE WIDE SHELVING, 5'-0" TALL
028	RESTROOM COUNTER, LAV & FAUCET	S.I.	GC	LAV-UNDERMOUNT SINK BOWEL W/COUNTER TOP, W/ADA OFFSET DRAIN, R= RH SOAP DISPENSER, L=LH SOAP DISPENSER, SEE PLUMBING SCHED.
029	PERFORM COUNTER DISPLAY	S.I.	GC	TO BE USED ON THE CASH WRAP
030	ADA CASH WRAP	S.I.	GC	
031	ADA BREAKROOM SINK CABINET (w/ UNDER COUNTER REFRIGERATOR)	S.I.	GC	SEE PLUMBING SCHEDULE FOR SINK AND FAUCET
032	ADA BREAKROOM SINK CABINET (NO UNDER COUNTER REFRIGERATOR)	S.I.	GC	SEE PLUMBING SCHEDULE FOR SINK AND FAUCET
033	BAG HOOKS, SET OF FOUR	S.I.	GC	PROVIDE BLOCKING, SEE PLAN
034	COAT HOOK	S.I.	GC	DOOR MOUNT @ 65" AFF, TOP OF HOOK, PROVIDE BLOCKING
035	COAT HOOKS, QTY. 2 (12" BETWEEN)	S.I.	GC	WALL MOUNT @ 65" AFF, TOP OF HOOK, PROVIDE BLOCKING
037	13" X 13" TILE	S.I.	GC	SITS ON TOP OF FLOOR UNDER SCALE
038	RETAIL GONDOLA - SHELVES BOTH SIDES	S.I.	GC	
039	RETAIL GONDOLA - SHELVES ONE SIDE	S.I.	GC	



FIXTURE PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

FF&E DIVISION OF WORK OWNER SUPPLIED ITEMS (PLEASE NOTE NOT ALL FIXTURES MAY BE USED)				
TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	REMARKS
C100	HAWORTH SOJI TASK CHAIR	OWNER	OWNER	
C101	HAWORTH VERY SIDE CHAIR	OWNER	OWNER	
C102	HAWORTH LOOK SIDE CHAIR	OWNER	OWNER	
C103	HAWORTH POPPY LOUNGE CHAIR	OWNER	OWNER	
C110	PIVOT DOORS, LEFT/RIGHT	OWNER	OWNER	REFER TO SHOP DRAWINGS FOR DIMENSIONS. FINISHED OPENING SIZE SHALL BE 8'-4" TALL x ROOM WIDTH (SEE PLAN)
C200	LOCKERS	OWNER	GC	PROVIDE 12"H BLOCKING AT 60" AFF, WIDTH OF LOCKERS. GC TO INSTALL LOCKERS
C201	SHELVING, 14"D x 30"W	OWNER	GC	
C202	WIRE SHELVING, 18"W x 36"D	OWNER	GC	FIVE (5) SHELVES TO BE INSTALLED FOR EACH SHELVING UNIT
C203	WIRE SHELVING, 18"W x 48"D	OWNER	GC	FIVE (5) SHELVES TO BE INSTALLED FOR EACH SHELVING UNIT
C204	WIRE SHELVING, 18"W x 60"D	OWNER	GC	FIVE (5) SHELVES TO BE INSTALLED FOR EACH SHELVING UNIT
C205	WIRE SHELVING, 24"W x 36"D	OWNER	GC	FIVE (5) SHELVES TO BE INSTALLED FOR EACH SHELVING UNIT
C206	WIRE SHELVING, 24"W x 48"D	OWNER	GC	FIVE (5) SHELVES TO BE INSTALLED FOR EACH SHELVING UNIT
C207	WIRE SHELVING, 24"W x 60"D	OWNER	GC	FIVE (5) SHELVES TO BE INSTALLED FOR EACH SHELVING UNIT
C208	WIRE SHELVING, 24"W x 72"D	OWNER	GC	FIVE (5) SHELVES TO BE INSTALLED FOR EACH SHELVING UNIT
C209	WIRE SHELVING, 24"W x 36"D	OWNER	GC	w/SURFACE MOUNTED RAIL TRACK
C210	WIRE SHELVING, 24"W x 42"D	OWNER	GC	w/SURFACE MOUNTED RAIL TRACK
C211	WIRE SHELVING, 24"D x 48"W	OWNER	GC	w/ SURFACE MOUNTED FLOOR TRACK
C212	CHROME COAT RACK, 24"D x 48"W	OWNER	GC	
C300	32" FLAT SCREEN TV & WALL MOUNT	OWNER	OWNER	VERIFY INSTALL HEIGHT
C301	48" FLAT SCREEN TV & WALL MOUNT	OWNER	OWNER	VERIFY INSTALL HEIGHT
C302	65" FLAT SCREEN TV & WALL MOUNT	OWNER	OWNER	VERIFY INSTALL HEIGHT
C400	MICROWAVE	OWNER	GC	FRIGIDAIRE #FFCM134LS
C401	UNDERCOUNTER REFRIGERATOR	OWNER	GC	DANBY #DAR026A2BSLDB
C402	3-DOOR FREEZER (BACK ROOM)	OWNER	GC	AURORA - MODEL#: ABF3 - DIM: 81.9"W X 31.5"D X 83.1"H FREEZER TO BE UNLOADED AND INSTALLED BY GC
C403	TWO-DOOR FREEZER (RETAIL)	OWNER	GC	AURORA MODEL #: GMF48 - DIM: 54.4"W X 31.5"D X 83.5"H FREEZER TO BE UNLOADED AND INSTALLED BY GC, REMOVE CASTERS
C404	2-DOOR FREEZER (BACK ROOM)	OWNER	GC	AURORA - MODEL#: ABF2 - DIM: 54.4"W X 31.5"D X 82.2"H FREEZER TO BE UNLOADED AND INSTALLED BY GC
C405	1-DOOR FREEZER (BACK ROOM)	OWNER	GC	AURORA - MODEL#: ABF1-L - DIM: 27"W X 31.5"D X 83.1"H FREEZER TO BE UNLOADED AND INSTALLED BY GC
C406	REFRIGERATOR (BACK ROOM)	OWNER	GC	INSIGNIA - MODEL#: NS-RTM18WH8 - COLOR: WHITE DIM: 29.5"W X 32.8"D X 66.6"H
C407	PAPER TOWEL DISPENSER (BREAKROOM)	OWNER	GC	
C408	SOAP DISPENSER (BREAKROOM)	OWNER	GC	
C410	STADIOMETER (CONSULT ROOMS)	OWNER	GC	CENTER ON WALL (TYP) CONTACT OWNER FOR MOUNTING HEIGHT AND LOCATION IN ROOM
C411	SCALE	OWNER	OWNER	
C412	SOAP DISPENSER (RESTROOM)	GC	GC	AMERICAN SPECIALTIES #0332 FOR WALL HUNG LAV ONLY
C500	MOP SINK	GC	GC	SEE PLUMBING SCHEDULES
C501	WATER HEATER	GC	GC	SEE PLUMBING SCHEDULES
C503	WATER CLOSET	GC	GC	SEE PLUMBING SCHEDULES
C504	URINAL (WHERE REQUIRED)	GC	GC	SEE PLUMBING SCHEDULES
C505	WALL MOUNTED LAVATORY	GC	GC	R=RH SOAP DISPENSER, L=LH SOAP DISPENSER, SEE PLUMBING SCHEDULES
C506	DRINKING FOUNTAIN/BOTTLE FILLING STATION	GC	GC	SEE PLUMBING SCHEDULES
C507	BATHROOM TRASH RECEPTACLE	OWNER	GC	GEORGIA-PACIFIC MODEL #59451
C600	SIGNAGE ON STAND-OFFS	OWNER	OWNER	GC TO COORDINATE INSTALL w/ OMAHA NEON
C601	EXTERIOR SIGNAGE	OWNER	OWNER	SEE ELEC. LAYOUT. GC TO COOR. INSTALL w/ OMAHA NEON
C602	UB DATA ROOM RACK	OWNER	OWNER	
C700	CORE PRINCIPLE WALL COVERING	OWNER	GC	THE WALL GRAPHIC SHOULD BE FREE OF ANY ITEMS LIKE LIGHT SWITCHES, OUTLETS, THERMOSTATS, FIRE EXTINGUISHERS, ECT. PLEASE VERIFY WITH OTHER TRADES AND NOTIFY PROFILE CM IF THERE ARE ANY ITEMS INTERFERING WITH THE WALL GRAPHIC
C701	DELTA SIGN	OWNER	OWNER	GC TO COORDINATE INSTALL w/ OMAHA NEON

FF&E DIVISION OF WORK GENERAL NOTES

- S.I. = SYMPATECO, INC.
- ALL ELECTRICAL AND PLUMBING CONNECTIONS BY GC

GENERAL CONTRACTOR TO ACCEPT DELIVERY, UNLOAD AND PLACE THE FOLLOWING OWNER PROVIDED ITEMS IN A SECURE PLACE UNTIL INSTALLATION. THE OWNER WILL COORDINATE AND SCHEDULE DELIVERY OF THESE ITEMS BASED ON THE GENERAL CONTRACTORS SCHEDULE:

- ALL SYMPATECO (SI SUPPLIED) ITEMS
- FRIGIDERS AND FREEZERS IDENTIFIED ON THE PLAN
- LIGHTING FIXTURES
- FLOORING (CARPET, TILE AND ACCESSORIES)
- PROFILE SUPPLIED IT EQUIPMENT
- SHELVING SHOWN ON THE PLAN
- PROFILE PROVIDED MISC. MATERIALS (COMES ON 1 - 2 PALLETS)

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PROFESSIONAL SEAL

SHEET DATES

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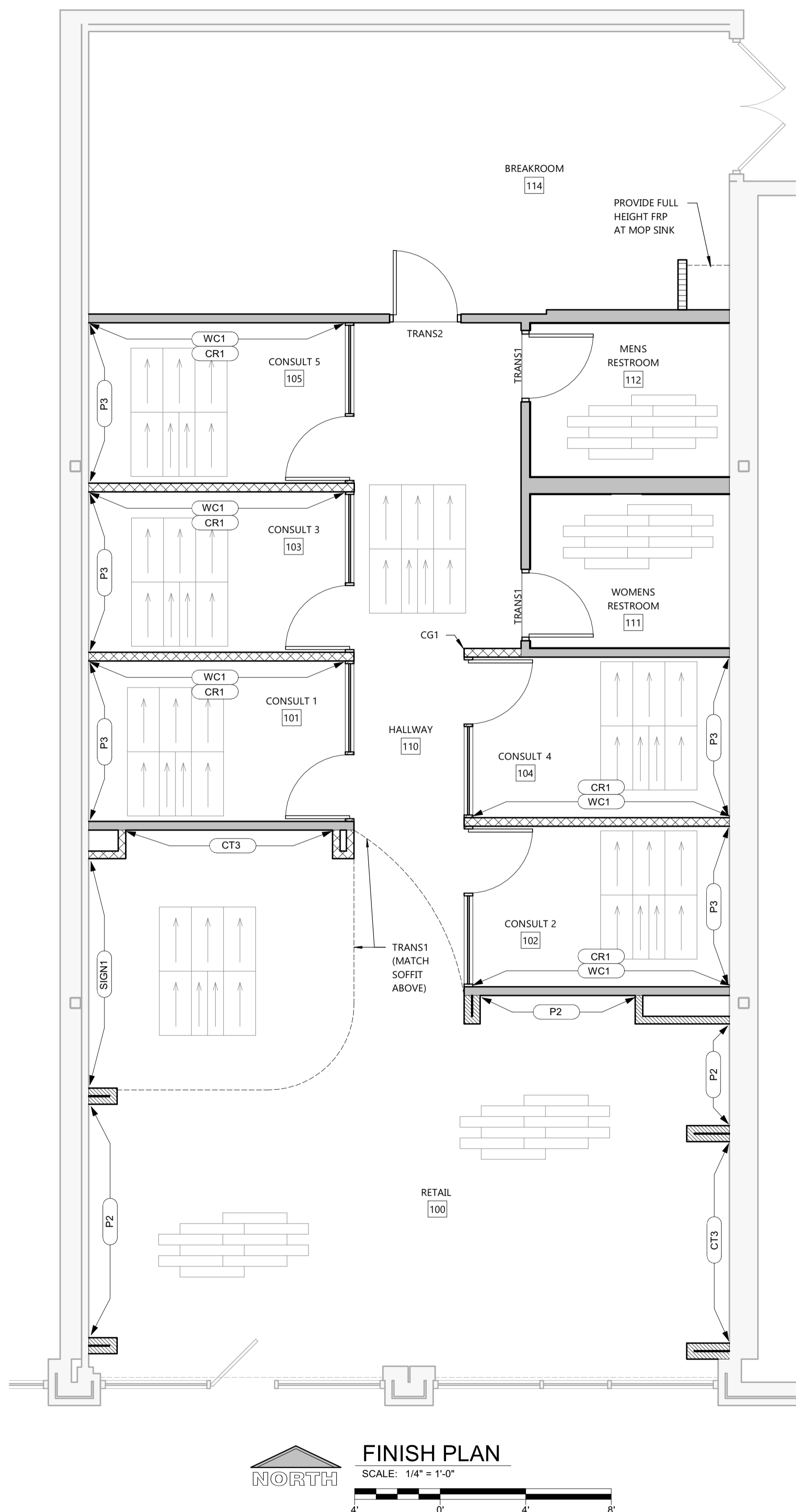
REVISIONS

JOB NUMBER
 1942920

SHEET NUMBER
A1.2

MATERIAL LEGEND

CODE	MANUFACTURER	STYLE	COLOR	SIZE	NOTES	FURNISHED BY	INSTALLED BY
ACOUSTICAL CEILING TILE							
ACT-1	USG	RADAR, TEGULAR EDGE	WHITE	24" x 24"		GC	GC
ACT-2	USG	VINYL COATED GYP PANEL	WHITE	24" x 24"		GC	GC
CORNER GUARD							
CG1	TRIMACO	MODEL# 01184G	CLEAR	1.125" x 1.125" x .48" (0625 THICKNESS)	PLASTIC CORNER GUARD. INSTALL IN CONFERENCE ROOM OPENINGS TO PROTECT HIGH TRAFFIC AREAS.	GC	GC
CERAMIC TILES							
CT1	FLORIM	ELITE	BEIGE	6" x 36"	TILE TO LAID WITH 1/3 OFFSETS	OWNER	GC
CT3	BEDROSIAN	MEDITERRANEAN BEIGE	MEDITERRANEAN BEIGE ECLIPSE (SPLIT FACE)	12" x 12"	DRY STACK	OWNER	GC
CT8	AVANTI	CURRENT FLAT	BIANCO	12" x 36"		OWNER	GC
CT9	AVANTI	CURRENT WAVY	BIANCO	12" x 36"		OWNER	GC
CT10	MOSA	GLOBAL COLLECTION / GLOBALGRIP	DUTCH ORANGE GLOSS	4" x 12"		OWNER	GC
CARPET / WOOD FLOORING							
CPT1	SHAW CONTRACT	VERTICAL EDGE TILE, #59114	PAPRIKA MARGIN, #67156	18" x 36" TILE (6.40 MM THICKNESS)	INSTALL MONOLITHIC. CUT CPT1 TILES AS NECESSARY TO ACCOMMODATE PATTERN SHOWN IN FIGURE 1 THIS SHEET.	OWNER	GC
CPT2	SHAW CONTRACT	COLOUR PLANK TILE, #59595	PAPRIKA, #95668	18" x 36" TILE, FILED CUT TO 9" x 36" (6.40 MM THICKNESS)	INSTALL MONOLITHIC. INSERT RANDOMLY INTO CPT1 AT APPROXIMATELY 15% OF OVERALL COVERAGE (QTY 7 - 9" x 16" OF CPT2 PER QTY 24 18" x 36" OF CPT1). SEE FIGURE 1 THIS SHEET	OWNER	GC
CR1	EL & EL WOOD PRODUCTS (OR EQUAL)	MODEL #651MUL	PAINTED SW 0054 TWILIGHT GRAY	9/16" x 2 1/2"	GC TO VERIFY LENGTHS NEEDED & FIELD CUT	GC	GC
FLOORING TRANSITIONS							
EPOXY			CLEAR		CLEAR COAT EPOXY SEALER	GC	GC
FLOORING TRANSITIONS							
TRANS1	GENOTEX	FX EDGE DIVIDER	SATIN SILVER		TILE & CARPET TRANSITION. FLOAT CARPET TO MATCH HEIGHT. USE R-PROFILE FOR CURVES	OWNER	GC
TRANS2	JOHNSONITE	EG-XX-H	PEBBLE WG, #32		CARPET AND CONCRETE TRANSITION	OWNER	GC
TRANS3	GENOTEX	ROUND EDGE	SATIN SILVER		TILE EDGE & WALL TRANSITION	OWNER	GC
TRANS4	SCHLUTER	AE100 SANITARY COVE	SATIN ANODIZED ALUMINUM	10mm	TILE EDGE & WALL TRANSITION IN RESTROOMS	OWNER	GC
TRANS5	GENOTEX	WIDE TOP TRIM	SATIN SILVER	10mm	WALL TRIM IN RESTROOMS	OWNER	GC
PAINTS							
P1	SHERWIN WILLIAMS	DOWNY	SW 7002	-	EGGSHELL	GC	GC
P2	SHERWIN WILLIAMS	RUCOUS ORANGE	SW 6883	-	EGGSHELL	GC	GC
P3	SHERWIN WILLIAMS	TWILIGHT GRAY	SW 0054	-	EGGSHELL	GC	GC
PLASTIC LAMINATE							
PLAM3	WILSONART	CLASSIC LINEN	4943-38	-			
SOLID SURFACES							
SS1	AVONITE	-	SNOWFALL	-	ALSO USED AT WINDOW SILLS, AVONITE OR EQUAL	GC	GC
SS2	AVONITE	-	CLIFFSIDE	-	OTHER MANUFACTURE ACCEPTABLE. REVIEW COLOR w/ OWNER	-	-
BASE TRIMS							
VB1	JOHNSONITE	COVED	SNOW WHITE, #01	4"H ROLL	USE WITH P1 & P3	OWNER	GC
VB2	JOHNSONITE	COVED	CARROT, #140	4"H ROLL	USE WITH P2	OWNER	GC
WALL COVERINGS							
WC1	OMAHA NEON	CUSTOM WALLPAPER	-	48"W ROLLS	WORD WALLPAPER	OWNER	GC
WC2	OMAHA NEON	CORE PRINCIPLES WALLPAPER	-	48"W ROLLS	CORE PRINCIPLE WALLPAPER. SEE REMARKS ON A1.2 SCHEDULE	OWNER	GC
SIGN							
SIGN1	OMAHA NEON	CUSTOM SIGN	-	-	DELTA SIGN, SIGN CO. TO INSTALL	OWNER	OWNER
ADHESIVES							
-	-	25# POWER GROUT	910 BRIGHT WHITE	-	WALL GROUT	OWNER	GC
-	-	25# POWER GROUT	903 BIRCH	-	FLOOR GROUT	OWNER	GC
-	SHAW	SHAW 5000	-	-	ADHESIVE FOR CARPET TILE INSTALLATION	GC	GC
-	-	PREMIUM	-	-	COVE BASE ADHESIVE FOR VINYL BASE INSTALLATION	GC	GC
PROVIDE THE FOLLOWING ITEMS FOR MAINTENANCE STOCK:							
1. A MINIMUM OF 20 EXTRA CEILING TILE PANELS.							
2. CARPET TILE, IN ALL COLORS, EQUAL TO 4% OF AMOUNT INSTALLED.							
3. A MINIMUM OF 1 GAL. EXTRA PAINT FOR EACH COLOR INSTALLED.							
4. NOT LESS THAN 10 LINEAL FEET FOR EACH 500 LINEAL FEET OR FRACTION THEREOF, IN ROLL FORM OF EACH MATERIAL, STYLE AND COLOR OF VINYL WALL BASE INSTALLED.							
• GENERAL CONTRACTOR IS RESPONSIBLE FOR ACCEPTING DELIVERIES, UNLOADING OF AND PLACING OF FLOORING MATERIALS IN A SECURE AREA PROVIDED BY THE OWNER UNTIL TIME OF INSTALLATION							
• INSTALLING CONTRACTOR TO PROVIDE WALL COVERING ADHESIVE.							



ROOM FINISH SCHEDULE						
ROOM #	ROOM NAME	FLOOR	BASE	WALL FINISH	CEILING FINISH	REMARKS
100	RETAIL	CT1/CPT1,CPT2	VB1/VB2	P1/P2/P3/CT3/SIGN13	ACT-1/EXPOSED	EXPOSED CEILING STRUCTURE - PAINT P3
101	CONSULT 1	CPT1/CPT2	VB1	P1/P3/WC1/CR1	ACT-1	SEE DETAIL 2/A4.0
102	CONSULT 2	CPT1/CPT2	VB1	P1/P3/WC1/CR1	ACT-1	SEE DETAIL 2/A4.0
103	CONSULT 3	CPT1/CPT2	VB1	P1/P3/WC1/CR1	ACT-1	SEE DETAIL 2/A4.0
104	CONSULT 4	CPT1/CPT2	VB1	P1/P3/WC1/CR1	ACT-1	SEE DETAIL 2/A4.0
105	CONSULT 5	CPT1/CPT2	VB1	P1/P3/WC1/CR1	ACT-1	SEE DETAIL 2/A4.0
110	HALLWAY	CPT1/CPT2	VB1	P1	ACT-1	
111	WOMENS RESTROOM	CT1	TRANS4	P1/CT8/CT9/CT10	ACT-1	
112	MENS RESTROOM	CT1	TRANS4	P1/CT8/CT9/CT10	ACT-1	
114	BREAKROOM	EPOXY	VB1	P1	EXPOSED	EXPOSED CEILING STRUCTURE - PAINT P3

SEE MATERIAL LEGEND FOR FINISH DESIGNATIONS AND DEFINITIONS. SEE ELEVATIONS FOR ADDITIONAL FINISH CLARIFICATION

FINISH NOTES

- CT1 TO BE INSTALLED STAGGERED PER MANUFACTURER'S RECOMMENDATIONS. SEE PLAN FOR INSTALLED DIRECTION.
- WHERE EPOXY IS SPECIFIED, APPLY ONE COAT OF CLEAR EPOXY SEALER.
- AT TILE INSTALLATIONS, UTILIZE CAULK AND BACKER ROD AT ALL PERIMETERS AND CORNERS JOINTS FOR MOVEMENT. INSTALL PER TCA & MANUFACTURER'S RECOMMENDATIONS
- UTILIZE GRAY COLORED THIN SET WHEN INSTALLING TILE.
- 1/8" GROUT JOINT TYPICAL WHEN INSTALLING CT1 & CT8-10.
- ALL WALLS, BOTTOM OF BULKHEADS AND SOFFITS TO BE PAINTED P1 UNLESS NOTED OTHERWISE (SEE FINISH PLAN)
- ALL WALLS TO BE A LEVEL 4 FINISH, INCLUDING EXISTING WALLS TO REMAIN.
 - WALLS WITH WC1 AND WC2 SHALL BE PRIMED TO ACCEPT OWNER PROVIDED WALL COVERING AT THE ENTIRE WALL.
 - WALLS WITH SIGN1 SHALL BE PRIMED P1 FOR RANDOM OWNER PROVIDED CUSTOM SIGN. INSTALLED BY OTHERS.
 - ALL PAINTED WALLS SHALL RECEIVE A 3/4" NAP ROLLER TEXTURE.
 - ALL WALL COVERING/SIGN WALLS SHALL HAVE NO 3/4" NAP ROLLER TEXTURE
- ALL EXPOSED CEILING FIXTURES/DUCTS/GRILLES THAT ARE VISIBLE BELOW JOISTS ARE TO BE PAINTED P3. WHERE FIXTURE MEETS WALL, THE WALL SHALL BE THE PAINT COLOR OF THE WALL AS INDICATED ON FINISH PLANS. FINISHED PAINT DETAIL SHOULD LOOK LIKE FIGURE 2.

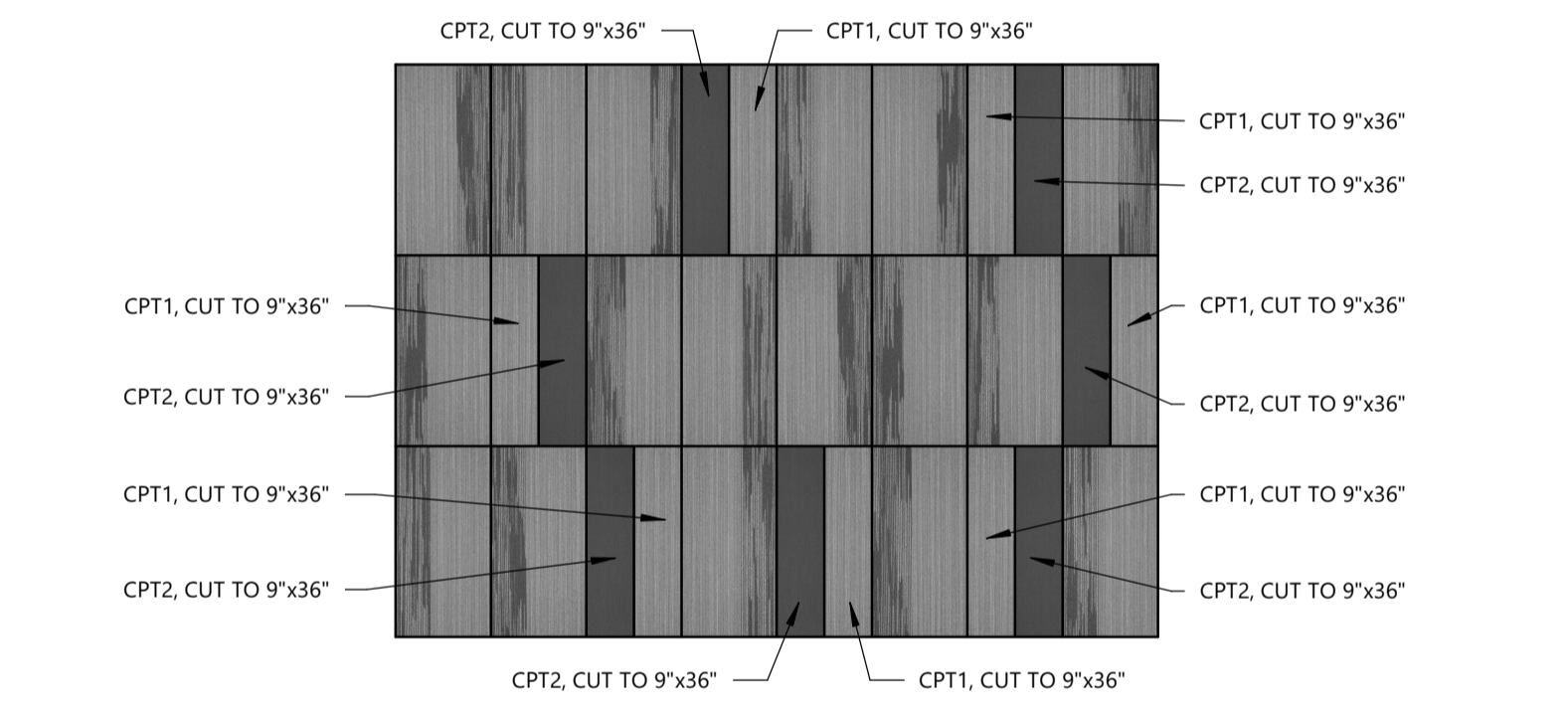


FIGURE 1
NOT TO SCALE

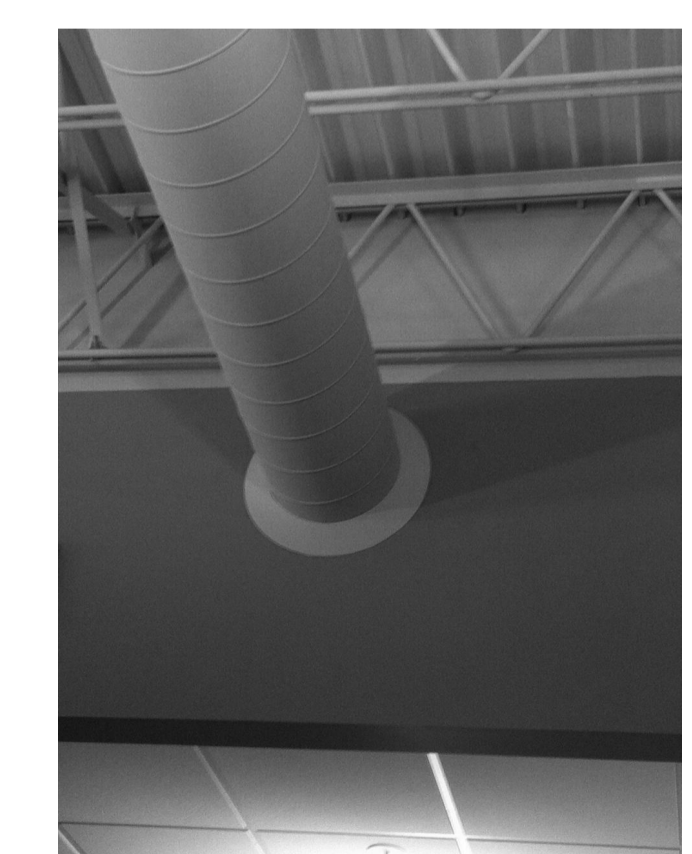


FIGURE 2
NOT TO SCALE

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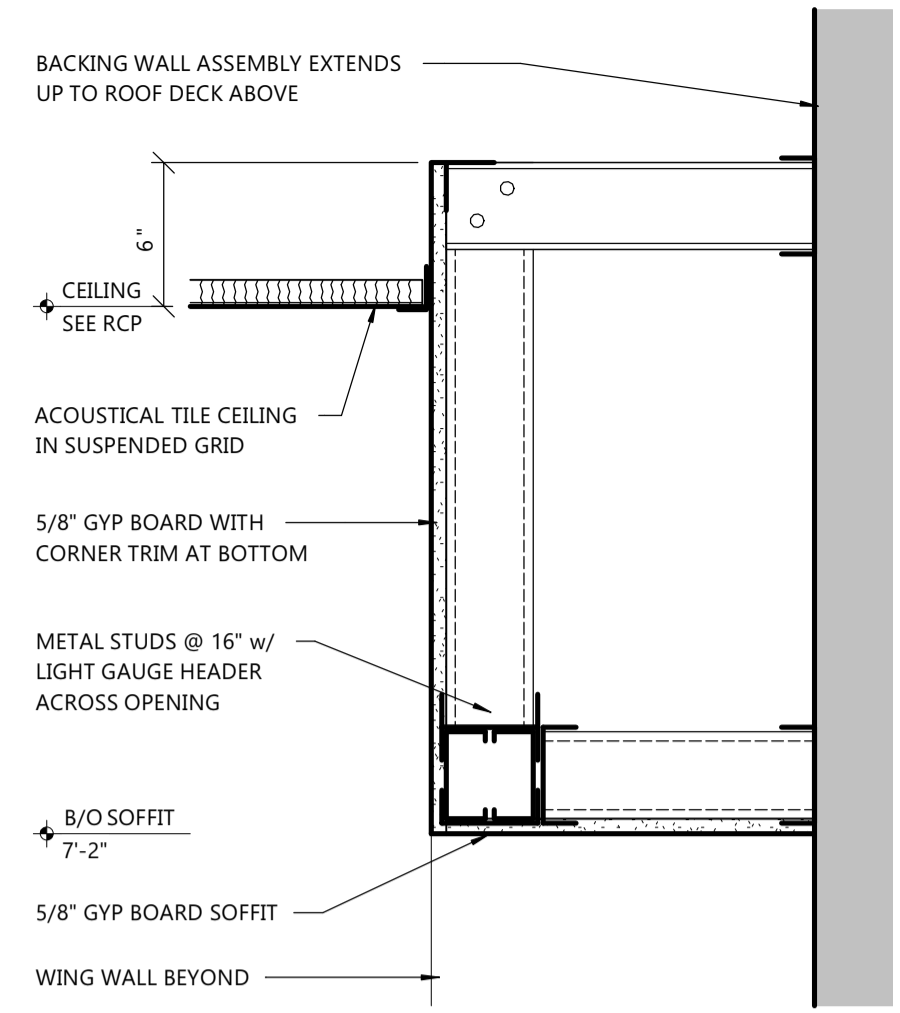
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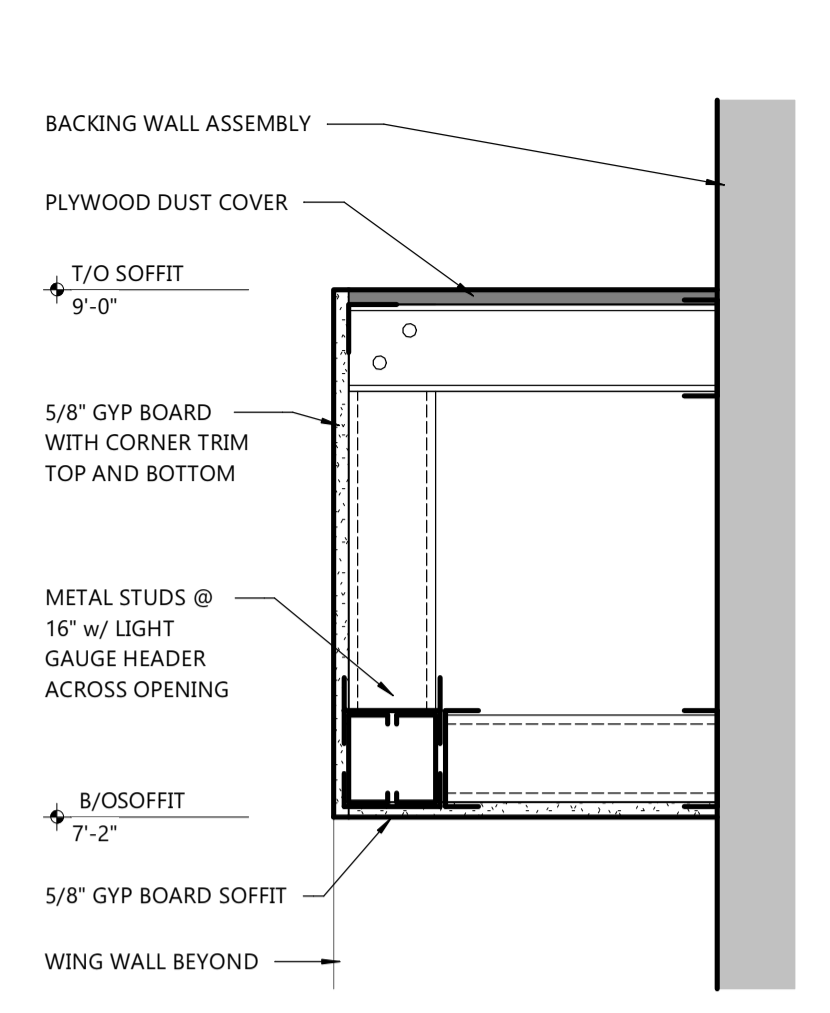
SHEET DATES	
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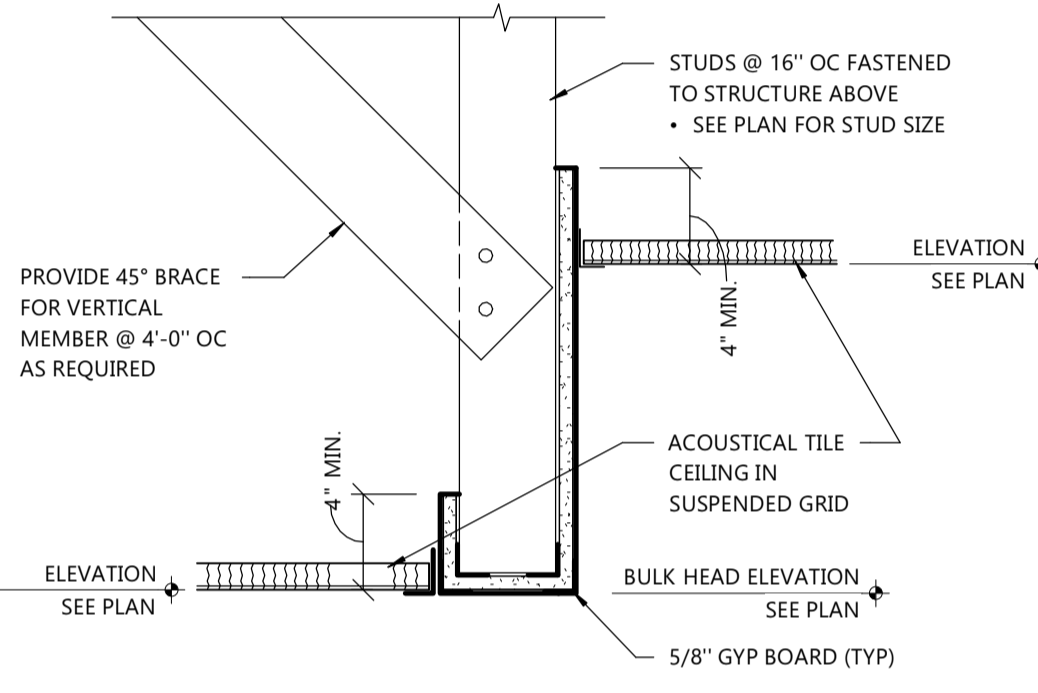
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A1.3



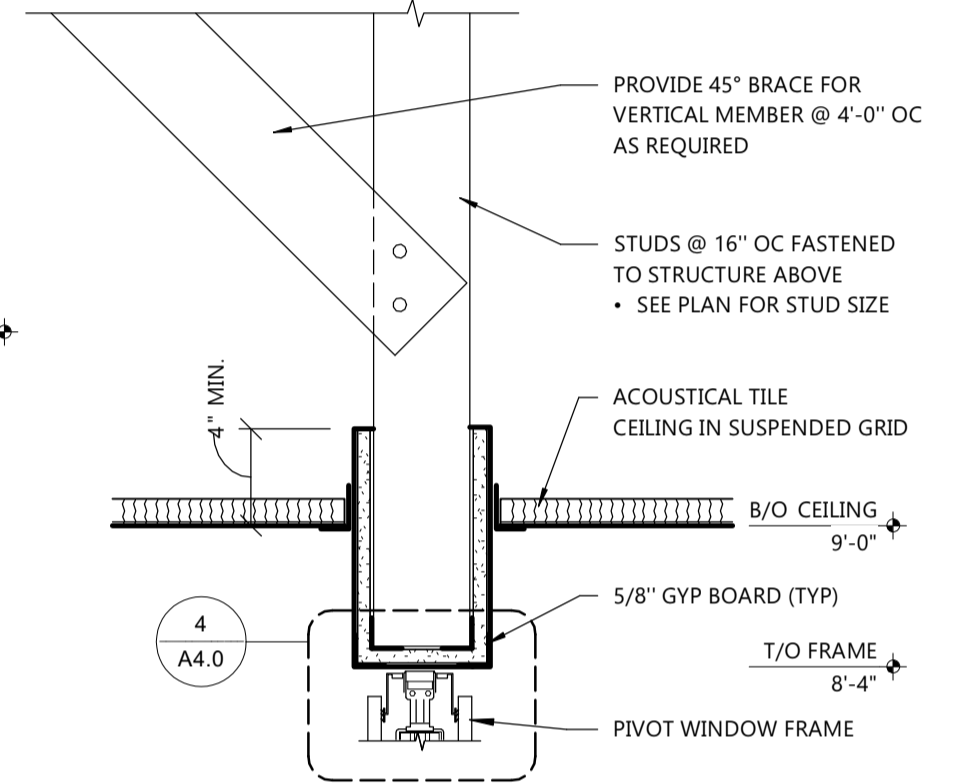
2 SOFFIT DETAIL
 A1.4 SCALE: 1 1/2" = 1'-0"



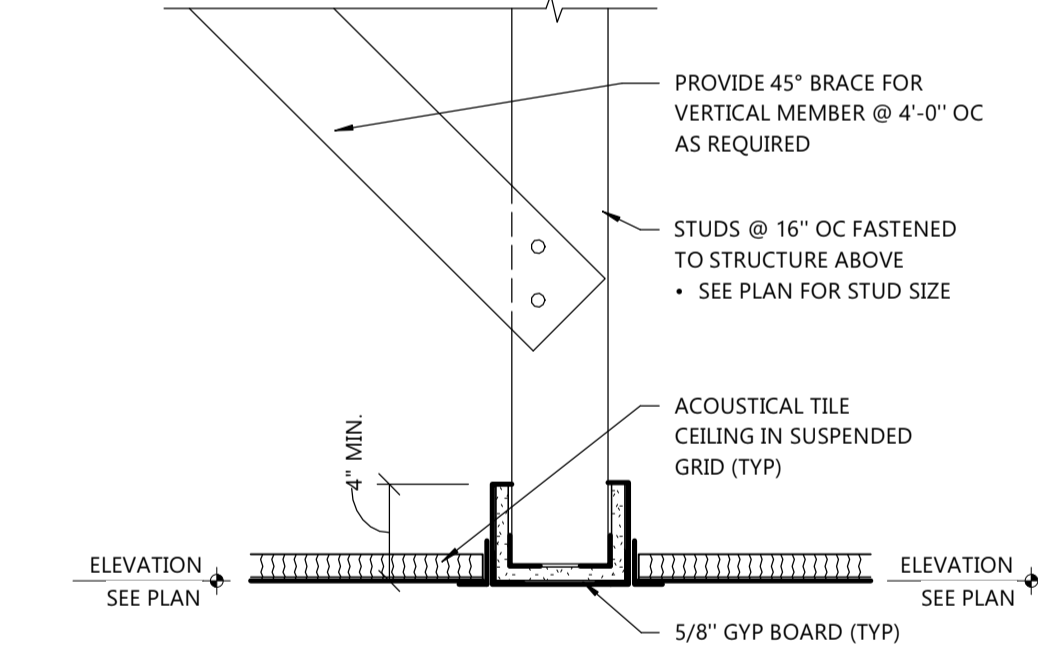
1 SOFFIT DETAIL
 A1.4 SCALE: 1 1/2" = 1'-0"



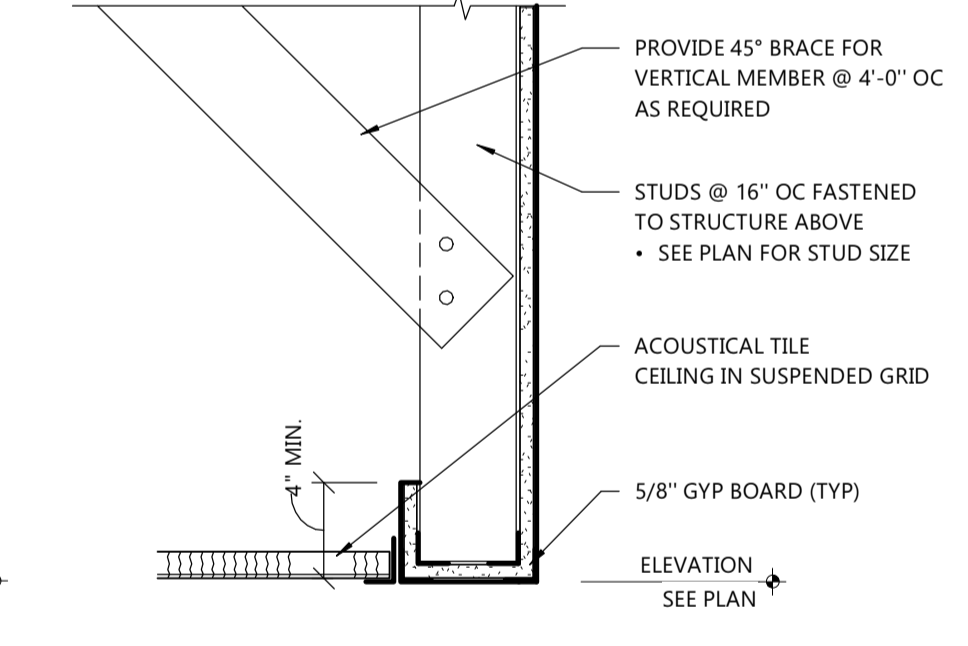
4 BULKHEAD DETAIL
 A1.4 SCALE: 1 1/2" = 1'-0"



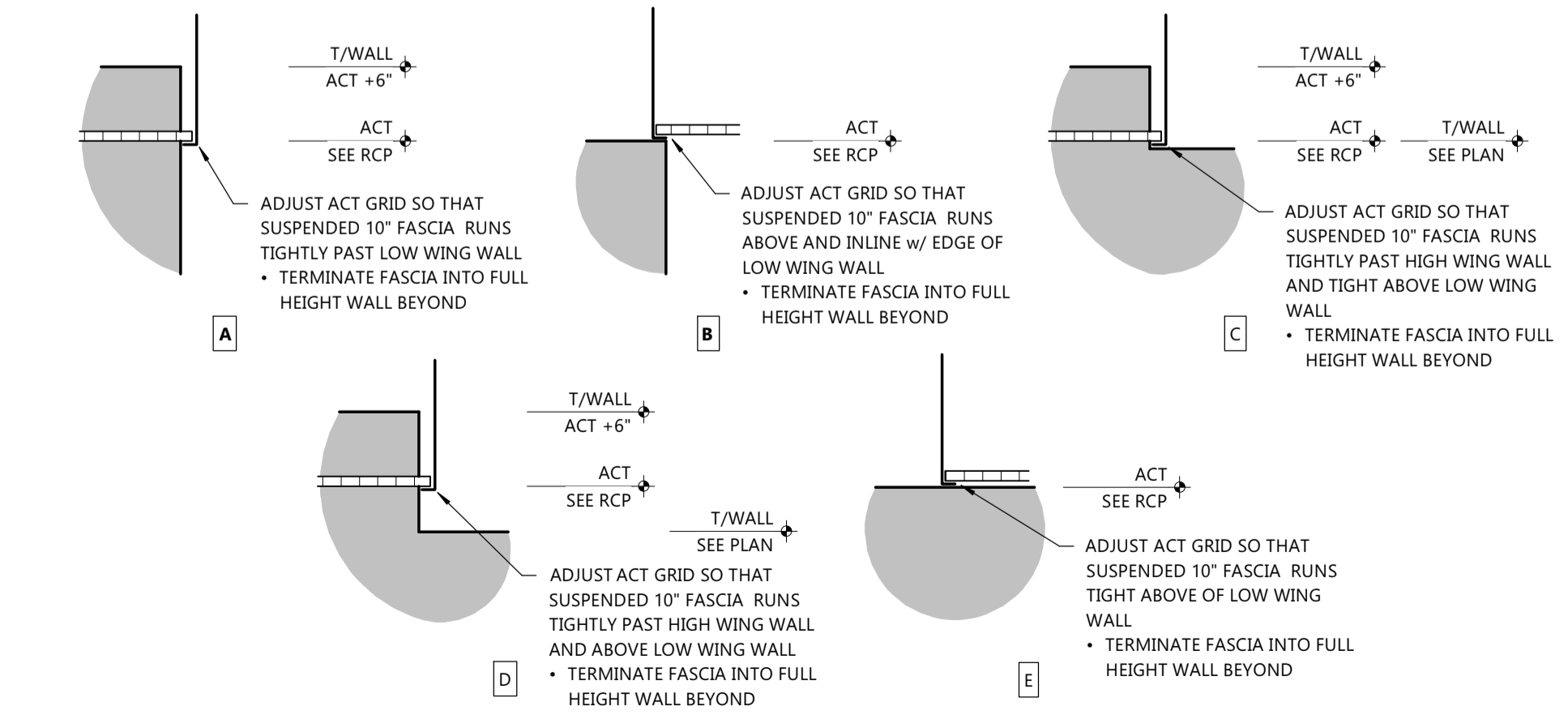
3 BULKHEAD DETAIL
 A1.4 SCALE: 1 1/2" = 1'-0"



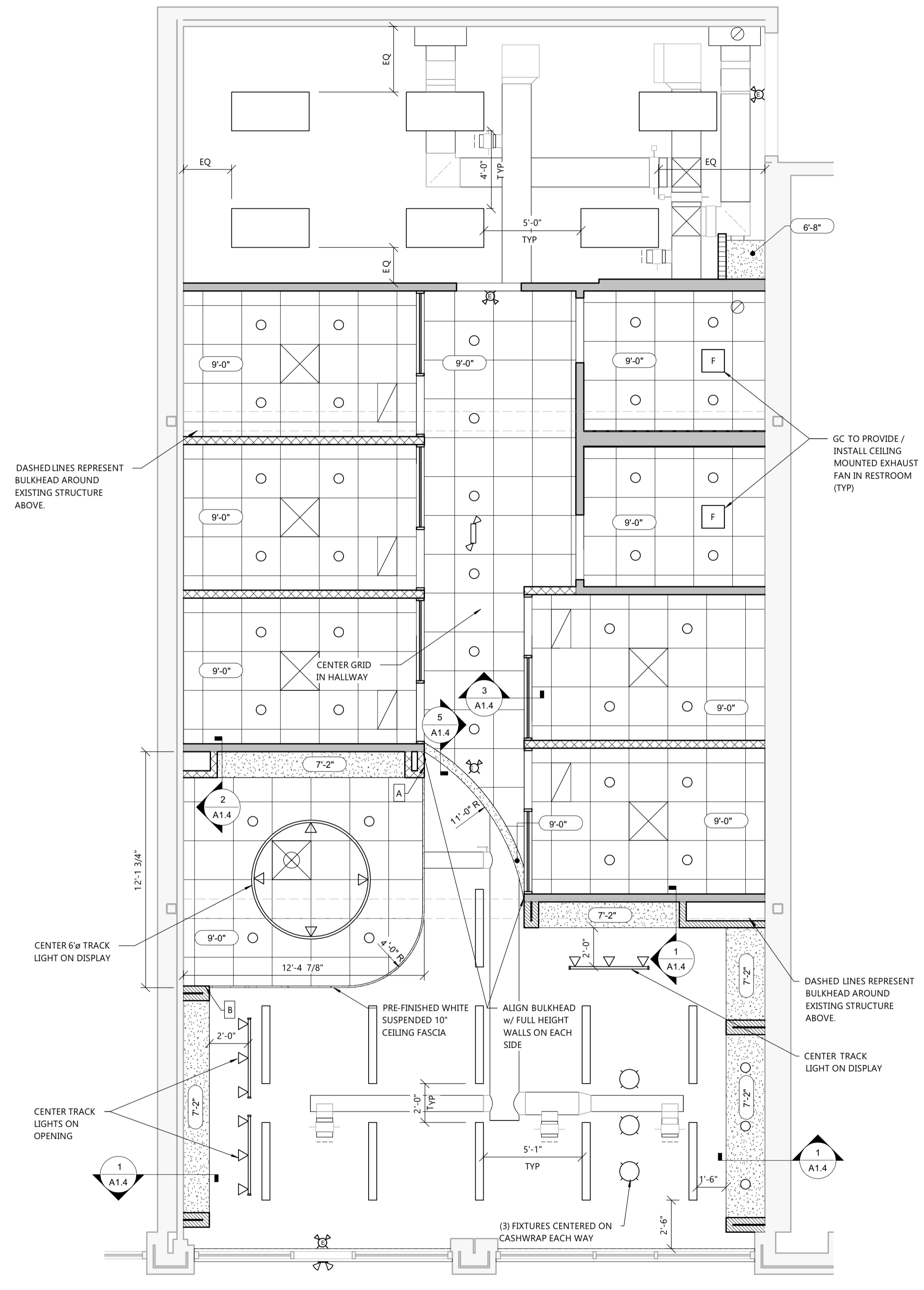
6 BULKHEAD DETAIL
 A1.4 SCALE: 1 1/2" = 1'-0"



5 BULKHEAD DETAIL
 A1.4 SCALE: 1 1/2" = 1'-0"



(SEE PLAN FOR LOCATIONS)
 NOTE, NOT ALL CONDITIONS MAY BE USED
7 FASCIA DETAIL
 A1.4 NOT TO SCALE



REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

- REFLECTED CEILING PLAN NOTES:**
- LIGHT FIXTURE PACKAGE TO BE SUPPLIED BY OWNER.
 - ALL LIGHT FIXTURES TO BE REVIEWED BY OWNER FOR AESTHETICS APPROVAL BEFORE ORDERING.
 - LIGHT FIXTURES IN RETAIL AND CONFERENCE ROOM SHALL BE ON DIMMERS.
 - TRACK FIXTURE:
 - AT 9'-0" LAY-IN CEILINGS FIXTURE SHALL HAVE 12" RIGID STANDOFFS.
 - AT 10'-0" LAY-IN CEILINGS FIXTURE SHALL HAVE 24" RIGID STANDOFFS.
 - TRACK FIXTURE AT EXPOSED STRUCTURE CEILING (WHERE APPLICABLE) SHALL HAVE RIGID STANDOFFS EXTENDED FROM STRUCTURE ABOVE WITH THE FIXTURE HEAD AT ±7'-6" AFF
 - CIRCULAR TRACK FIXTURE:
 - AT 9'-0" LAY-IN CEILINGS FIXTURE SHALL HAVE 7 1/2" RIGID STANDOFFS.
 - AT 10'-0" LAY-IN CEILINGS FIXTURE SHALL HAVE 18" RIGID STANDOFFS.
 - AT RETAIL AND CONFERENCE ROOMS WITH EXPOSED STRUCTURE CEILING, (WHERE APPLICABLE) ALL DUCTS SHALL BE ROUND SPIRAL AND ALL VENTS TO HAVE ROUND COIL DIFFUSERS.
 - 10" CEILING FASCIA - 6 WEEK LEAD TIME
 - WATER HEATER LOCATION: SEE SHEET A1.1-GENERAL NOTES, SHEET A1.2 FIXTURE PLAN, & 6/A4.0.

SYMBOLS LEGEND

	ACOUSTICAL TILE CEILING PANELS -SEE ROOM FINISH SCHEDULE FOR TYPE
	GYPSON BOARD CEILING -SEE ROOM FINISH SCHEDULE
	DESIGNATES CEILING/BULKHEAD HEIGHT AFF
	EMERGENCY LIGHT - SEE ELECTRICAL PLANS
	CEILING RETURN, TRANSFER, OR EXHAUST GRILLE -SEE HVAC PLANS
	CEILING SUPPLY GRILLE - SEE HVAC PLANS
	LED RECESSED CAN - SEE ELECTRICAL PLANS
	TRACK FIXTURE w/ RIGID STANDOFFS & LED HEAD(S) - SEE ELECTRICAL PLANS
	PENDANT LIGHT FIXTURE (MOUNT BOTTOM AT 7'-0" AFF) - SEE ELECTRICAL PLANS
	SUSPENDED LED/DIRECT/INDIRECT FIXTURE (MOUNT BOTTOM AT 8'-6" AFF) - SEE ELECTRICAL PLANS
	2x4' SUSPENDED LED FIXTURE (NO LENS) - SEE ELECTRICAL PLANS
	1x4' SUSPENDED LED FIXTURE (NO LENS) - SEE ELECTRICAL PLANS
	CEILING MOUNTED SPEAKER - SEE PLAN FOR ZONING
	EXIT SIGN
	JP CAMERA, CEILING MOUNTED
	CEILING MOUNTED DATA LINE
	CEILING MOUNTED EXHAUST FAN. TURN ON/OFF TO LIGHT SWITCH

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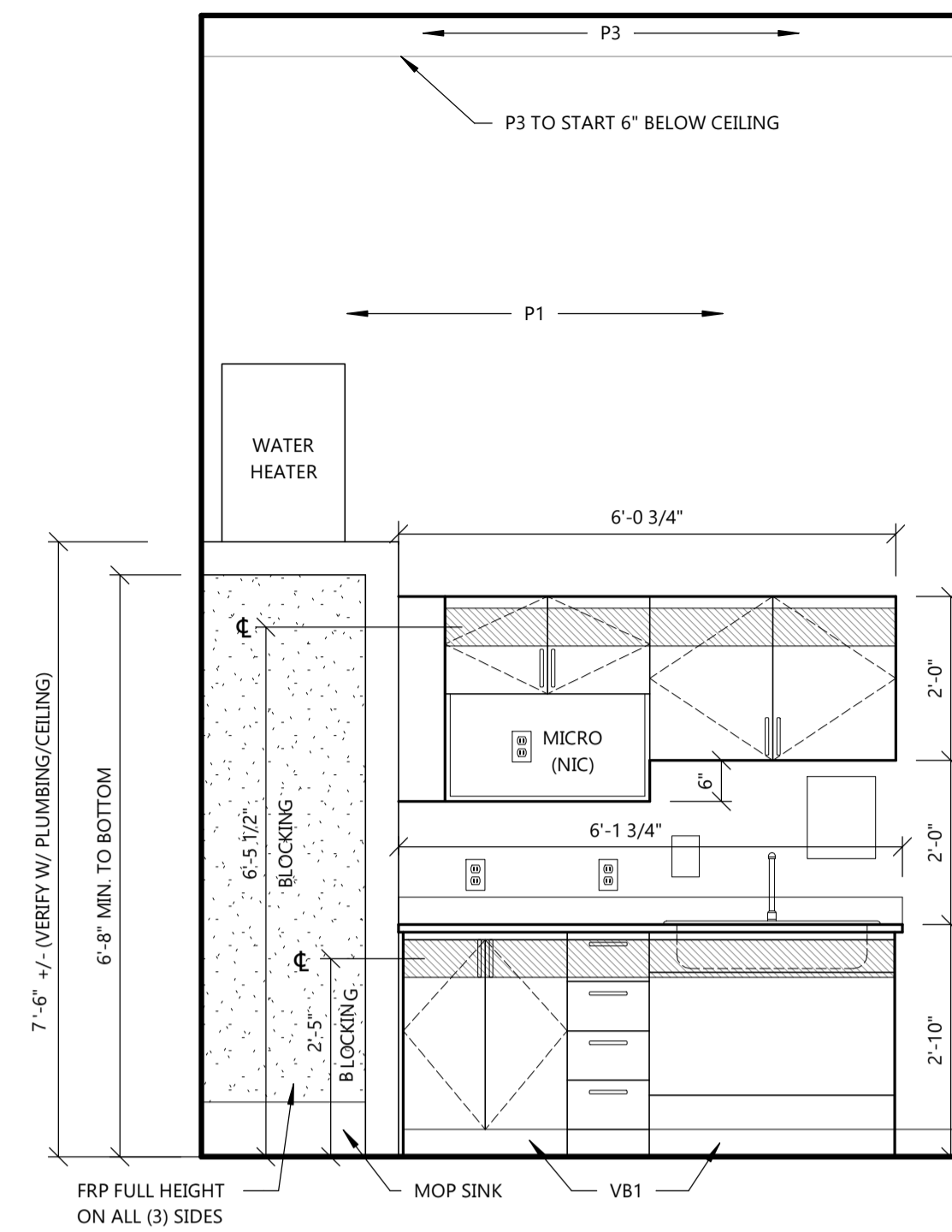
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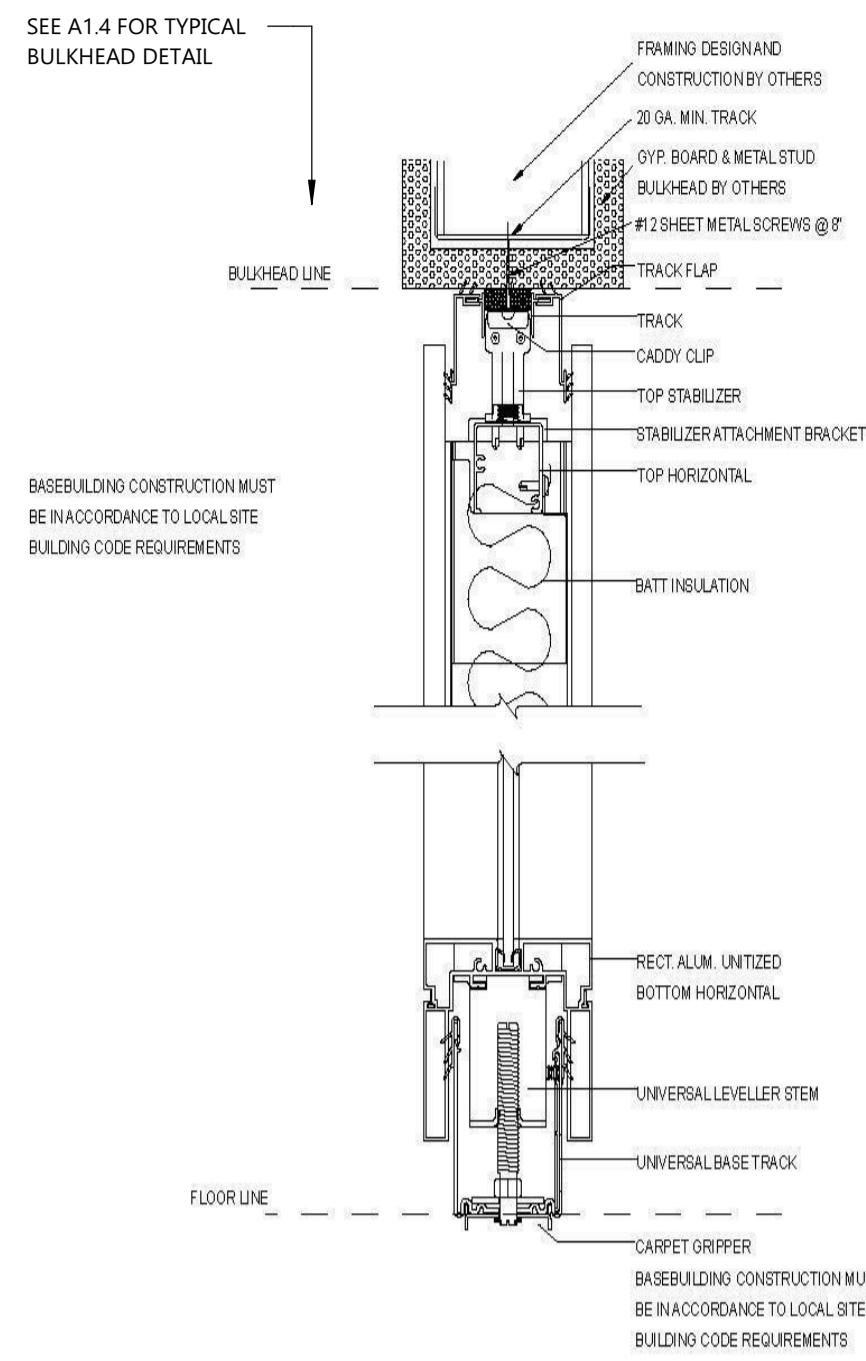
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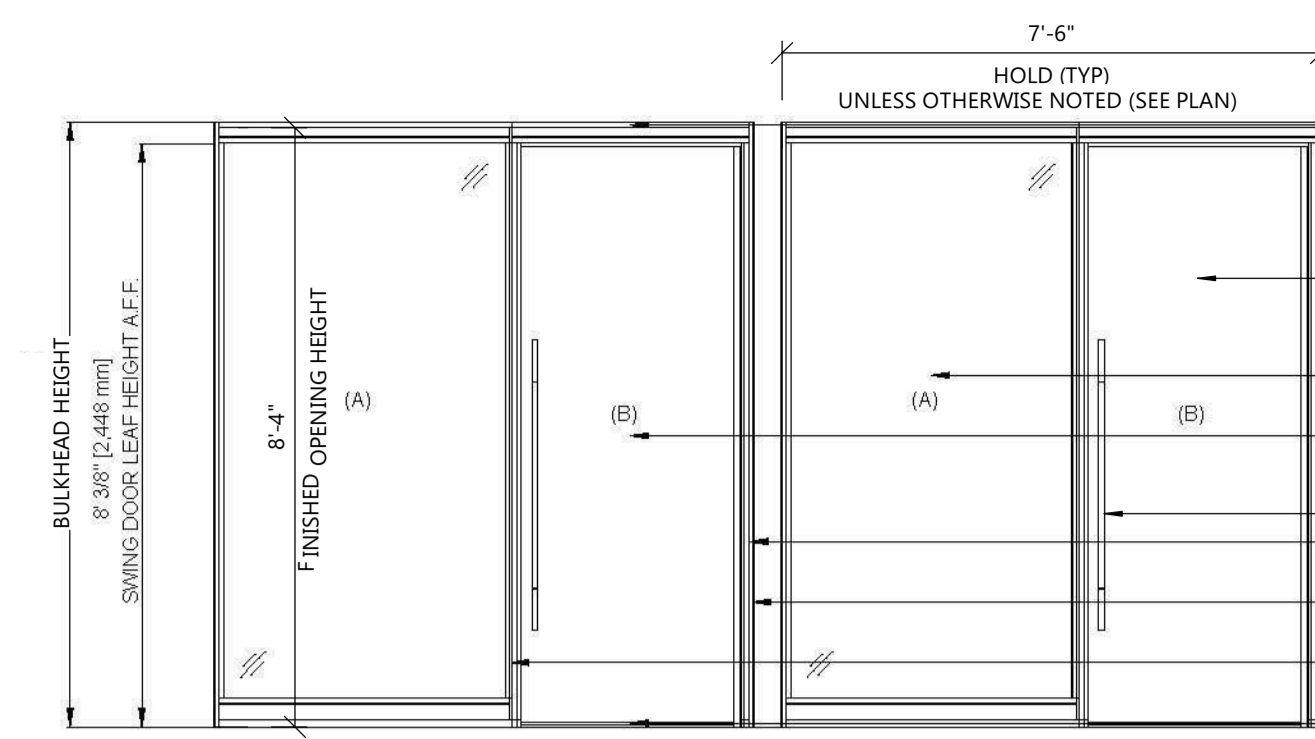
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A1.4



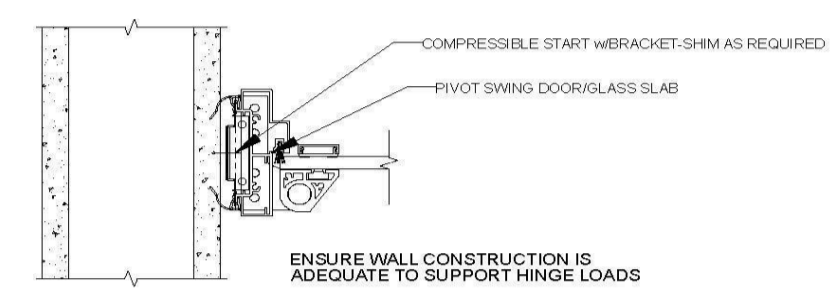
6 BREAKROOM CABINET ELEVATION
 A4.0 SCALE: 1/2" = 1'-0"



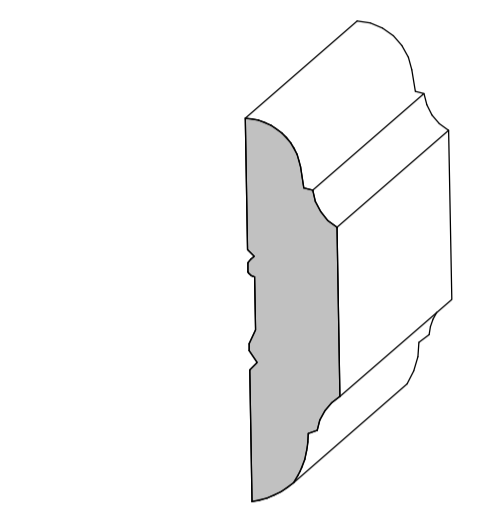
4 CONNECTION DETAILS
 A4.0 NOT TO SCALE



1 PIVOT DOOR ELEVATION
 A4.0 NOT TO SCALE



3 TYPICAL DETAILS
 A4.0 NOT TO SCALE



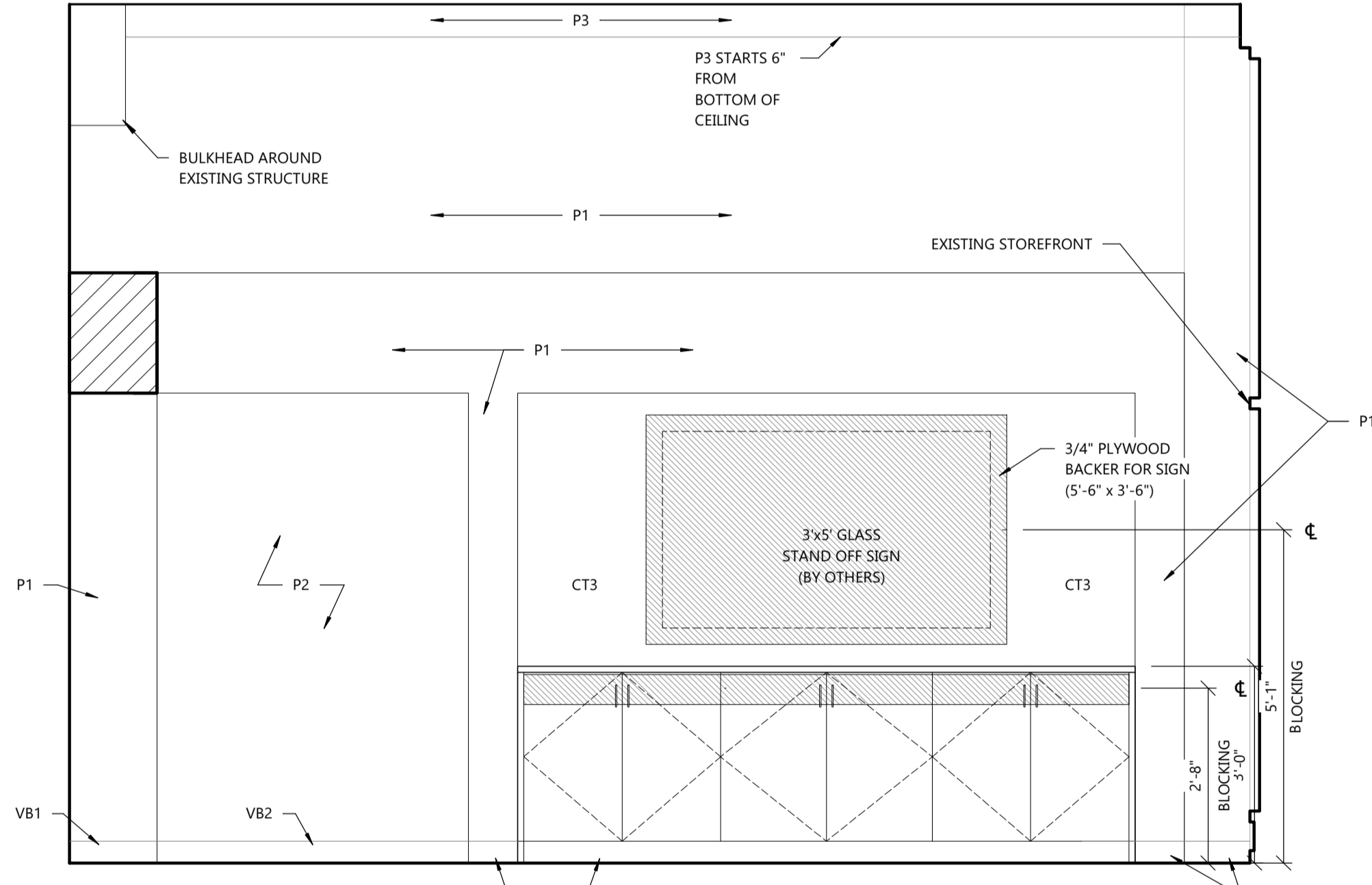
2 CHAIR RAIL DETAIL
 A4.0 NOT TO SCALE

ENCLOSE TOP CHANNEL (BLACK)
 DOORWAYS SHALL HAVE A CLEAR OPENING WIDTH OF 32" MINIMUM. CLEAR OPENING WIDTH OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS, DOORS AND DOORWAYS WITHOUT DOORS MORE THAN 24" IN DEPTH SHALL PROVIDE A CLEAR OPENING WIDTH OF 36" MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE CLEAR OPENING WIDTH LOWER THAN 34" ABOVE THE FLOOR. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34" AND 80" ABOVE THE FLOOR SHALL NOT EXCEED 4".
 ENCLOSE FRAMELESS PIVOT SWING DOOR/GLASS
 - NO PLINTH
 PULLS AND HINGES ARE ADA COMPLIANT
 ENCLOSE PIVOT HINGE SWING DOOR FRAME - FRAME FINISH (C)
 COMPRESSIBLE STARTER
 ENCLOSE REVEAL CONNECTOR (BLACK)
 ENCLOSE BOTTOM CHANNEL (BLACK)

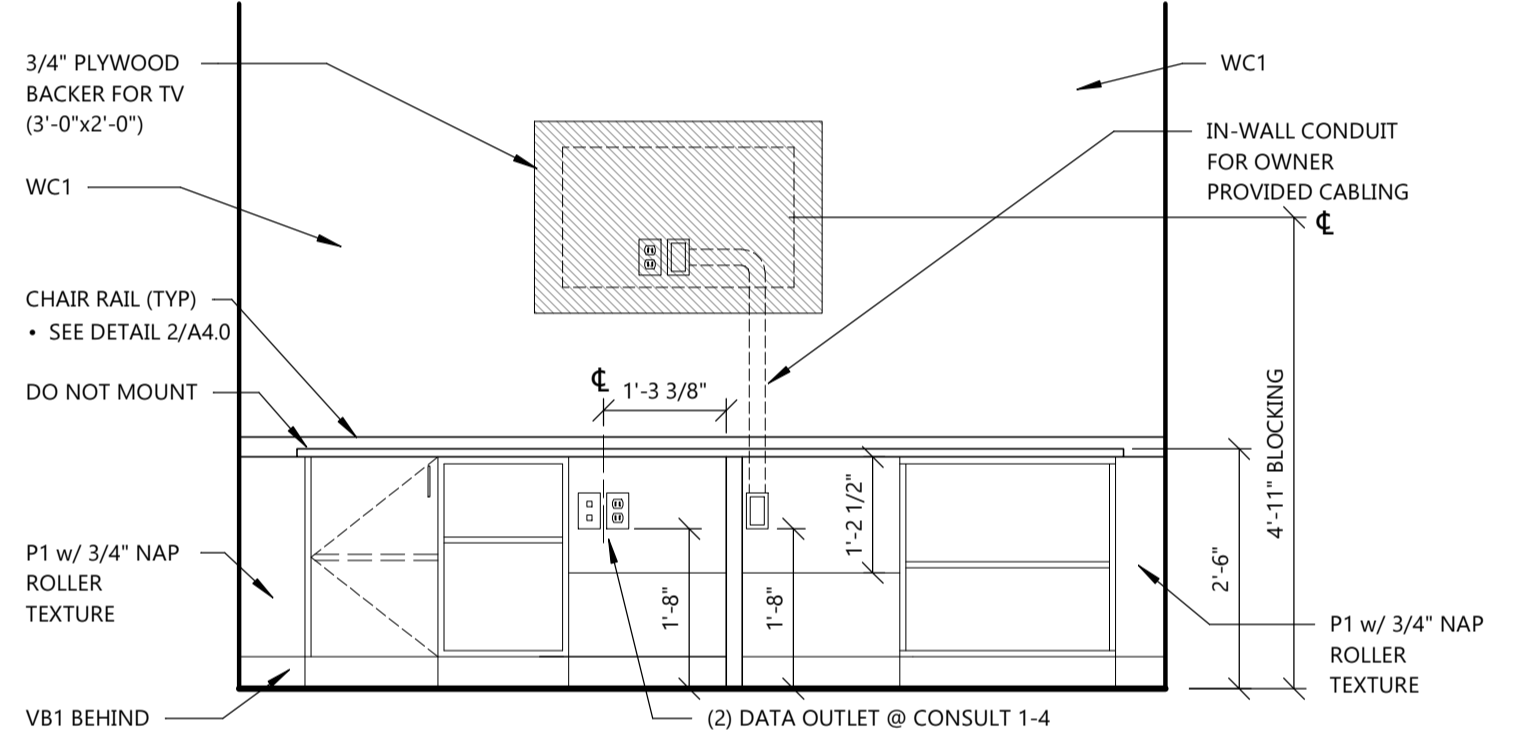
• PIVOT HINGES & PUSH PULLS PROVIDED. HARDWARE TO COMPLY w/ ADA REQUIREMENTS
 • IF SIDE LIGHTS ARE GREATER THAN 8'-0" SIDE LIGHTS NEED TO BE 2 EQUAL PIECES
 • ALL GLAZING TO BE COMPLIANT WITH IBC SECTION 2406

ELEVATION NOTES (TYP.)

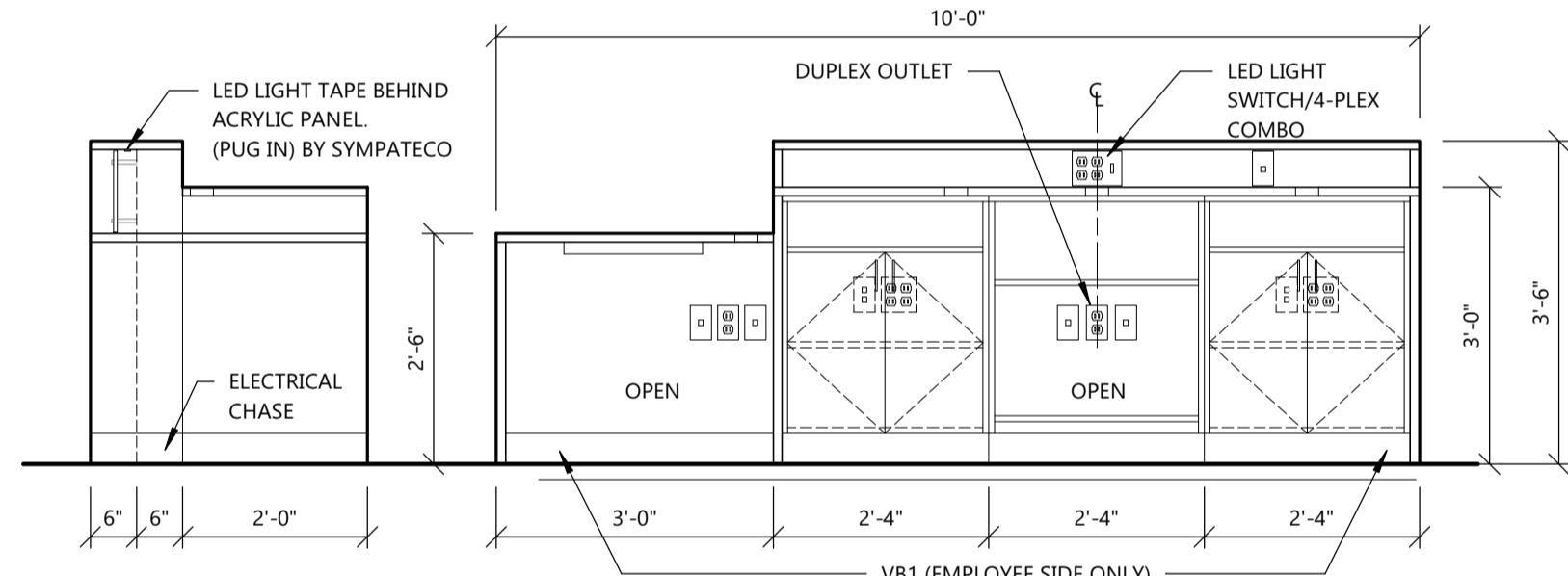
- UNLESS NOTED OTHERWISE, GC TO PROVIDE 2x6 BLOCKING FOR INSTALLATION OF CABINETRY, FIXTURES, AND ACCESSORIES. BLOCKING SHOWN WITH DIAGONAL HATCH PATTERN.
- SEE SHEET A1.1, FLOOR PLAN FOR ROOM AND OTHER CRITICAL DIMENSIONS.
- SEE SHEET A1.2, FIXTURE PLAN FOR FIXTURE LOCATIONS, SCHEDULES, AND RESPONSIBILITY.
- GC TO INSTALL VINYL BASE AT TOE KICK OF FIXTURES. SEE SHEET A1.3 FOR ADDITIONAL FINISH INFORMATION.
- SEE ELECTRICAL SHEETS FOR LOCATIONS AND HEIGHTS OF OUTLETS.



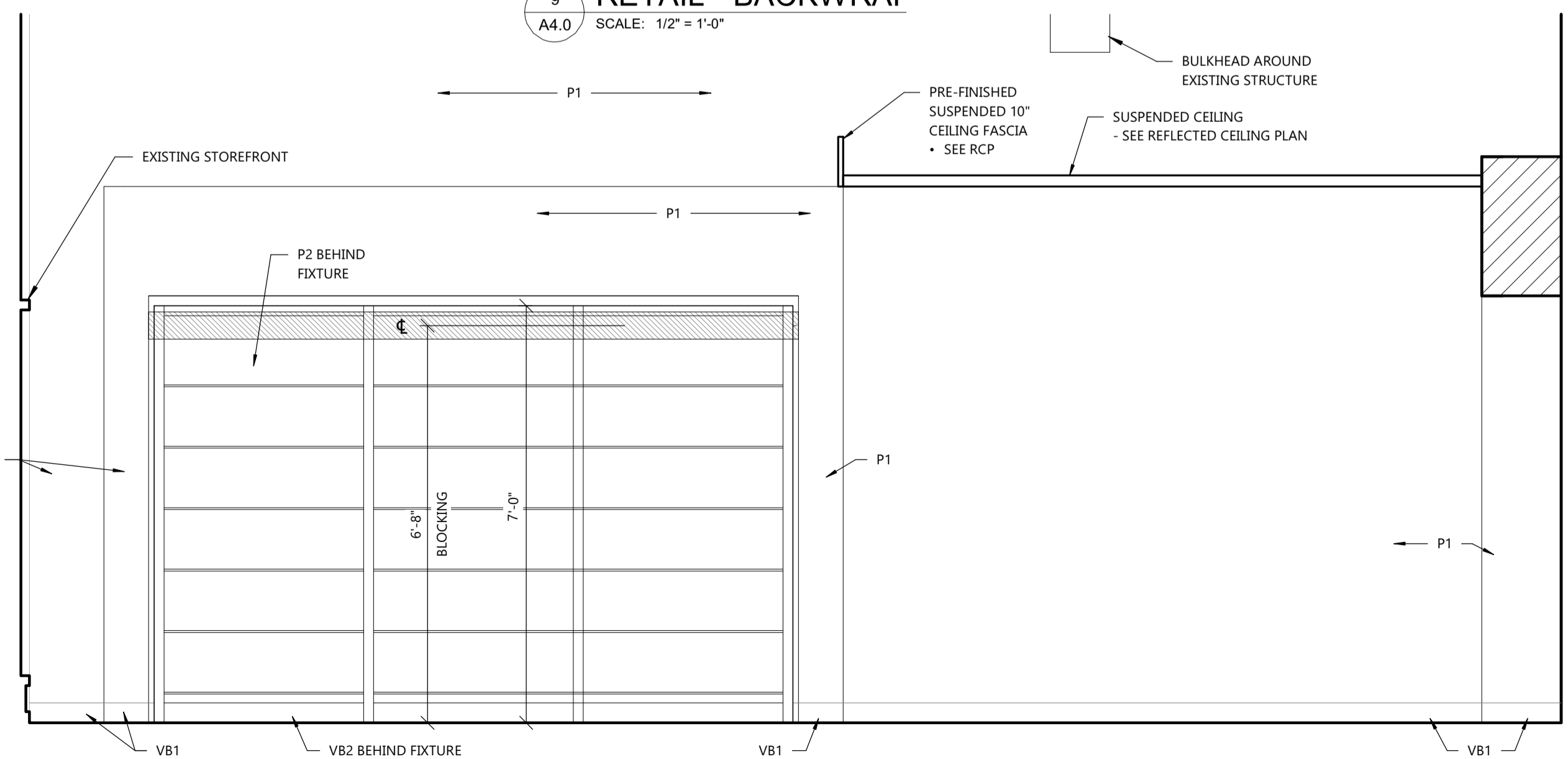
9 RETAIL - BACKWRAP
 A4.0 SCALE: 1/2" = 1'-0"



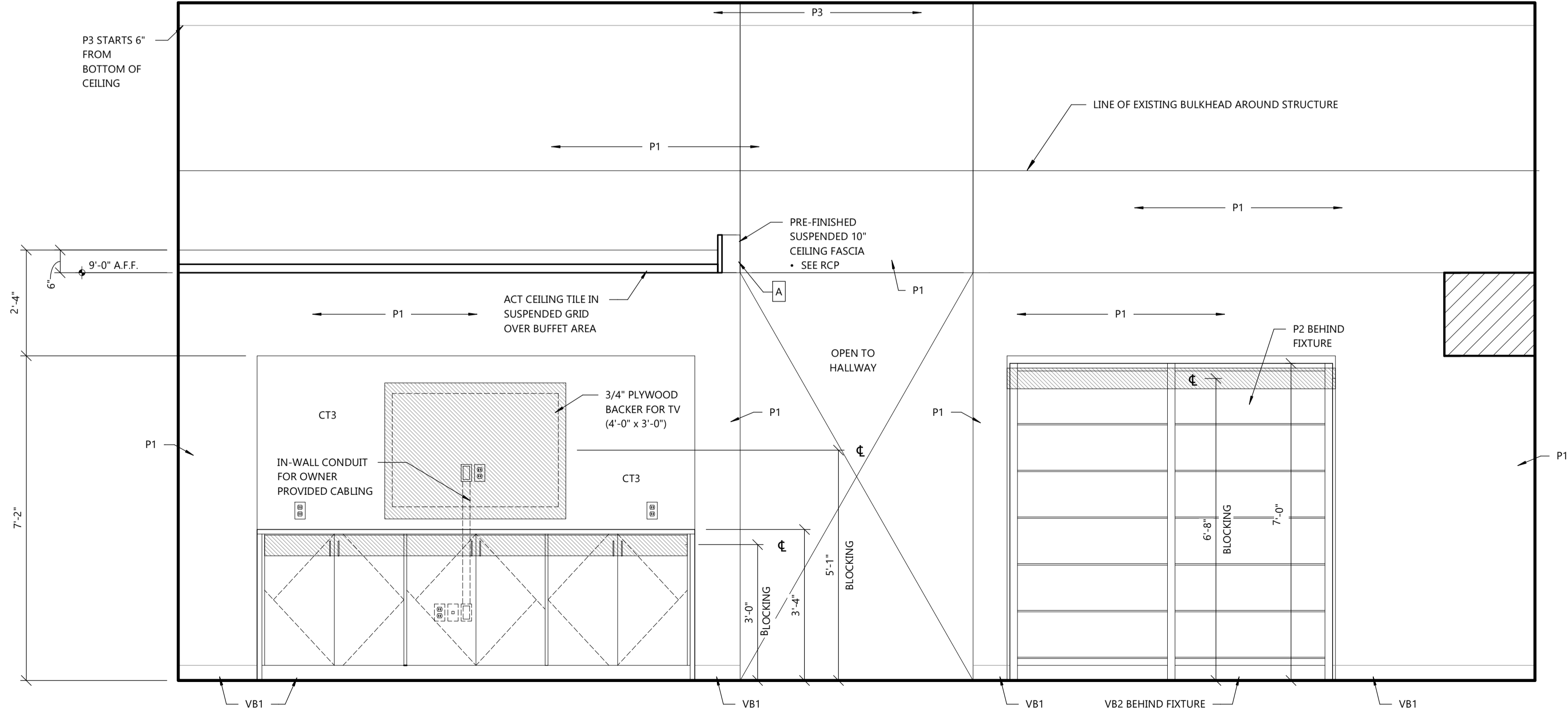
8 CONSULT ELEVATION
 A4.0 SCALE: 1/2" = 1'-0"



7 CASHWRAP ELEVATION
 A4.0 SCALE: 1/2" = 1'-0"



11 RETAIL - DISPLAY SHELVING
 A4.0 SCALE: 1/2" = 1'-0"



10 RETAIL - DISPLAY SHELVING / CABINET
 A4.0 SCALE: 1/2" = 1'-0"

DETAILS & ELEVATIONS

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 JAMES R. SANFORD
 ARCHITECT
 LICENSE NO. 07256
 STATE OF IOWA

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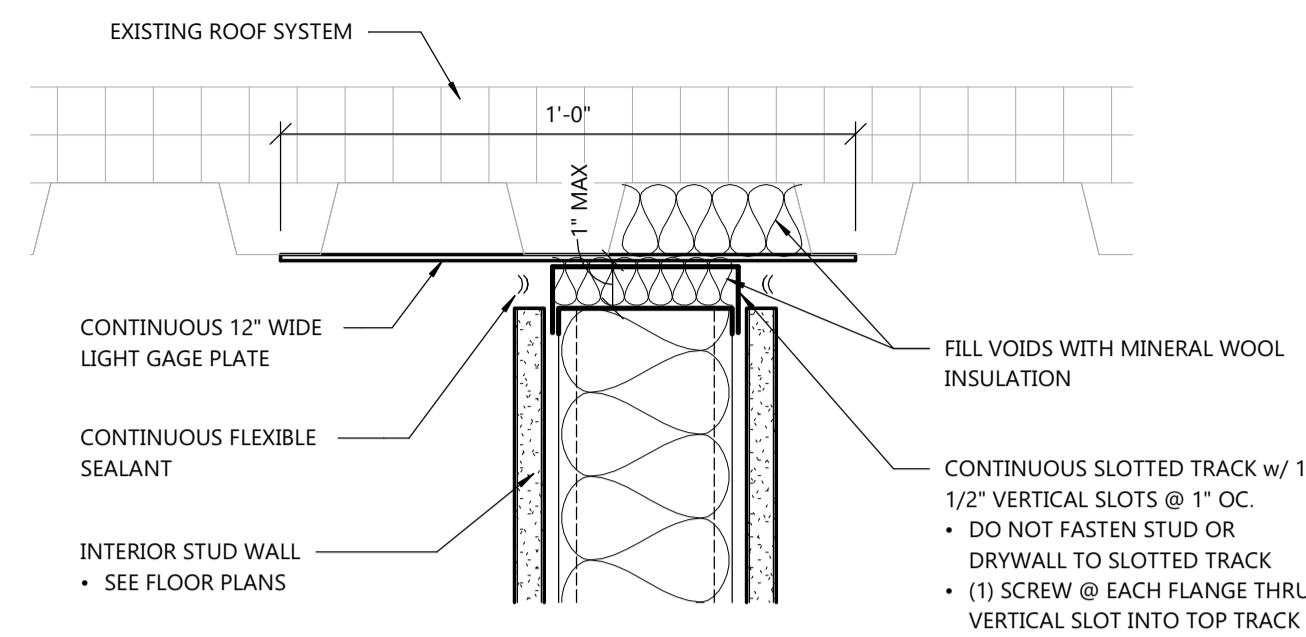
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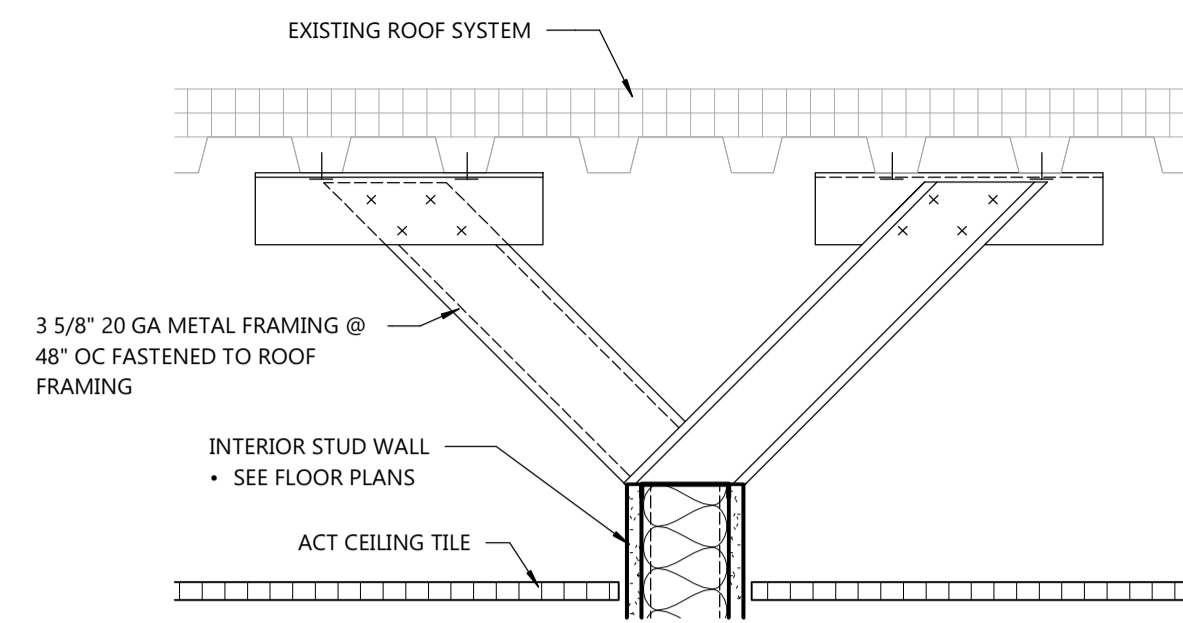
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A4.0



2 INTERIOR STUD WALL TOP CONNECTION
 A4.1 NOT TO SCALE



1 KICKER DETAIL
 A4.1 NOT TO SCALE

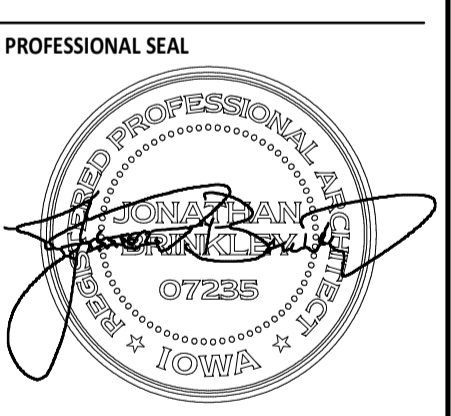
Owner Provided Items

LOCATION	VENDOR	DESCRIPTION	INSTALLED BY
Retail	Sympateco	Bag Hooks.	GC
Retail	Standard Textiles	Window Shades.	Standard Textiles
Retail	Profile	Display Freezer.	GC
Retail/Consult/Multi-Purpose	Profile	IT Equipment /Cameras.	Profile IT
Retail/Consult/Multi-Purpose	Canfield	Chairs.	Canfield
Consult	Profile	Stadiometer (One goes in each consult room/on the accent wall/verify height with the Owner).	GC
Consult	Canfield	Glass Doors.	Canfield
Consult	Sympateco	Coat Hooks (Two go in each consult room, mounted 65" above finished floor to top of hook, 12" apart).	GC
Consult	Sympateco	13 x 13 Floor Tile (This tile is used for a solid surface under each scale in the consult rooms).	Store Manager
Storage	Profile	2-Door Storage Freezer.	GC
Storage	Profile	Lockers.	GC
Storage	Profile	Shelving.	GC
Storage	Profile	Microwave.	GC
Storage	Profile	Refrigerator, full size.	GC
Storage	Profile	Refrigerator, undercounter (Only used when there is no room for a full size fridge).	GC
Storage	Staples	Bulletin Board (3'x2').	GC
Storage	Staples	Wall hung soap dispenser.	GC
Storage	Staples	Wall hung paper towel dispenser.	GC
Storage	Staples	8'-0" Fold-In-Half Table.	Store Manager
Storage	Staples	Folding Chair.	Store Manager
Storage	Sympateco	Step Stool.	Store Manager
Storage	Sympateco	8' Ladder.	Store Manager
Storage	Sympateco	Utility Cart.	Store Manager
Restroom	Profile	Surface mounted toilet paper holder.	GC
Restroom	Profile	Recessed Trash Receptacle (Includes towel dispenser & AC adapter for dispenser).	GC
Restroom	Sympateco	Coat Hooks (One on each women's/unisex restroom door or stall)	GC
Closet	Profile	Shelving.	GC
Store Wide	Omaha Neon	Wall Coverings (Installed in the consult rooms and conference room).	GC
Store Wide	Omaha Neon	Interior Signage & Graphics Package (Signage behind reception desk & graphics on front door, freezer door, consult room doors, & delta in retail area.	Omaha Neon
Store Wide	Omaha Neon	Exterior Signage (GC responsible for electrical connections to signage).	Omaha Neon
Store Wide	Rubble Tile	Ceramic Tile (Includes mortar, grout, caulk, & transitions).	GC
Store Wide	Sonus Interiors	Carpet (Transitions & vinyl base provided by the Owner. Any adhesives or caulk to be provided by the GC).	GC
Store Wide	Sonus Interiors	Vinyl Base (Any adhesives to be provided by the GC).	GC
Miscellaneous	Profile	Miscellaneous Items	Store Manager



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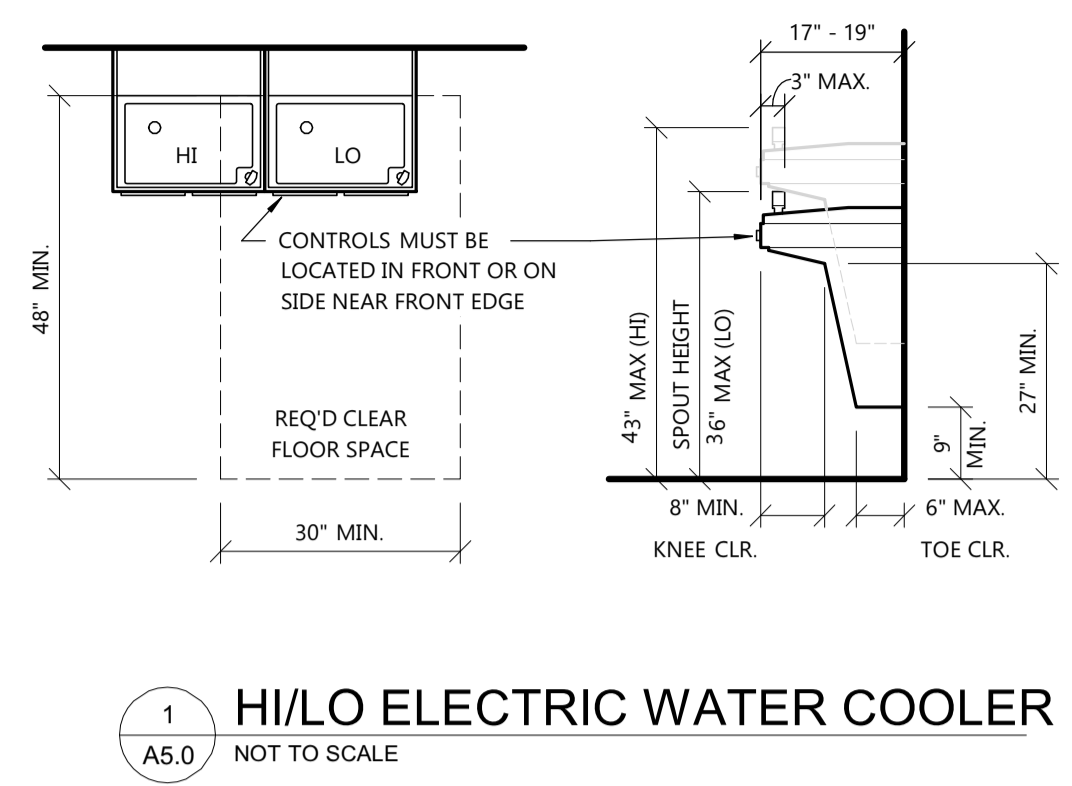
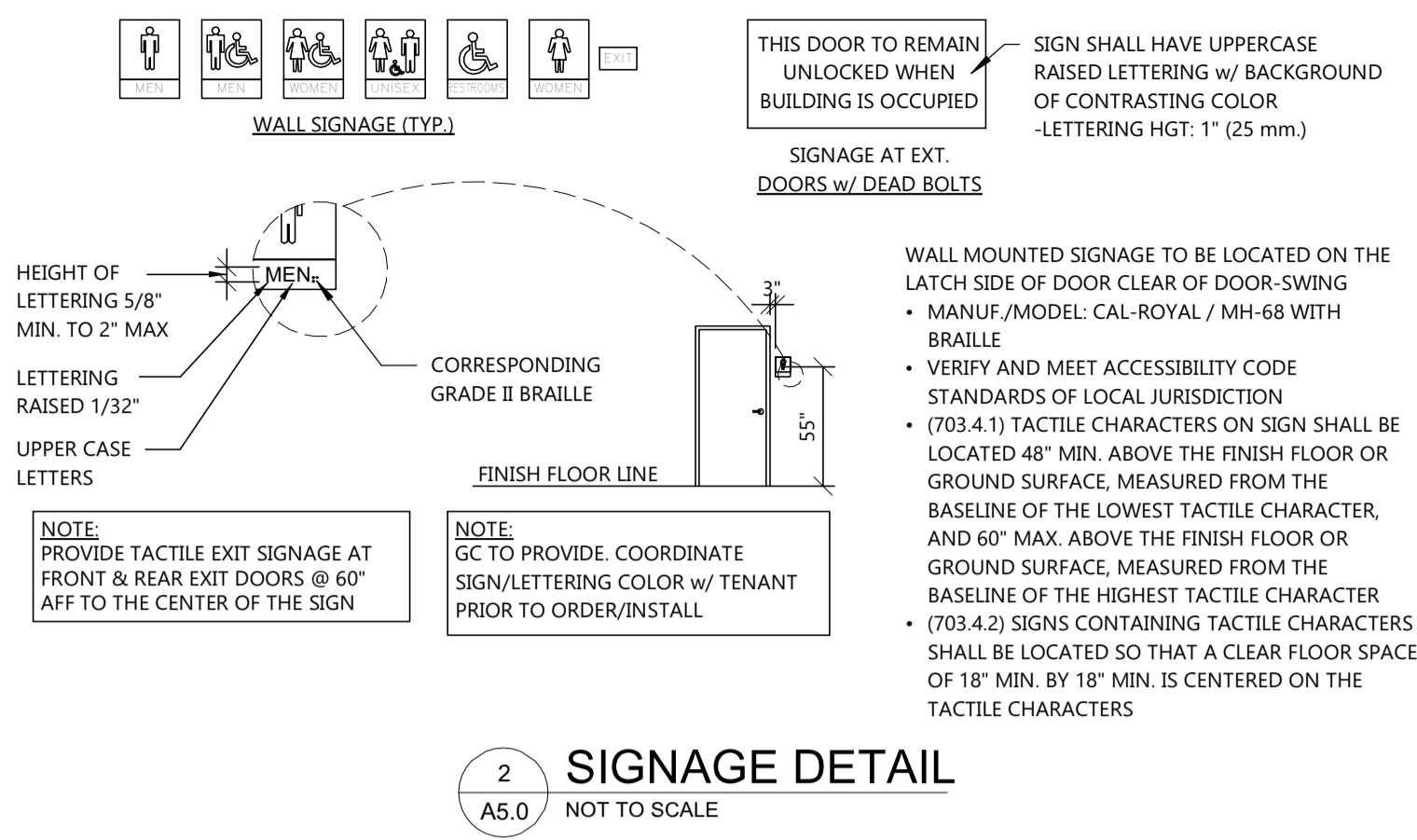
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A4.1



GENERAL NOTES:

SEE KEYED TOILET ROOM ACCESSORY LEGEND FOR MODEL NUMBERS, FINISH, AND COLORS

GENERAL CONTRACTOR SHALL PROVIDE BLOCKING AS REQ'D AT ALL ACCESSORY LOCATIONS

MANUFACTURER: ALL AMERICAN METAL CORP.

PRODUCT: TOILET PARTITIONS AND URINAL SCREENS

PANEL AND DOORS: STEEL SHEETS w/ POLYMER/9212 MOCHA FINISH LAMINATED TO DOUBLE FACED HONEYCOMB CORE THICKNESS = 1"

PILASTERS: STEEL SHEETS w/ POLYMER/9212 MOCHA FINISH LAMINATED TO DOUBLE FACED HONEYCOMB CORE THICKNESS = 1 1/4"

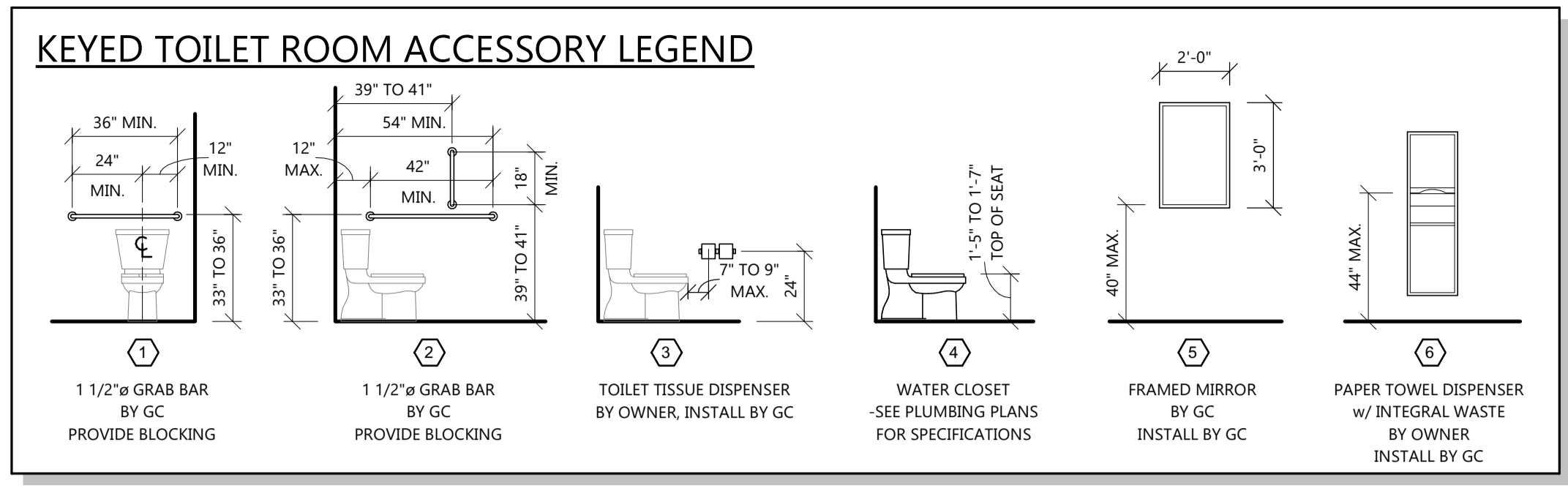
ALL HARDWARE AND FITTINGS TO BE HEAVY ZAMAC CASTING OR STAINLESS STEEL AS PER MANUFACTURERS STANDARD CONSTRUCTION

PROVIDE BAKED ENAMEL FINISH OVER GALVANIZED AND BONDERIZED STEEL

PROVIDE SELF-CLOSING HINGES

PROVIDE INTERNAL REINFORCEMENT OF PANELS FOR HARDWARE, ACCESSORIES, AND GRAB BARS

WARRANTY: 1 YEAR



TOILET ROOM NOTES:

- 6 1/2" MAXIMUM SINK DEPTH
- INSULATE PIPES BELOW COUNTERTOPS (WATER AND WASTE LINES) w/ PVC MOLDED PROTECTION (BY PLUMBING CONTRACTOR)
- MANUAL FLUSH VALVE FOR URINAL MUST NOT EXCEED 44" IN HEIGHT
- ALL DIMENSIONS SHOWN ARE FROM FINISH TO FINISH

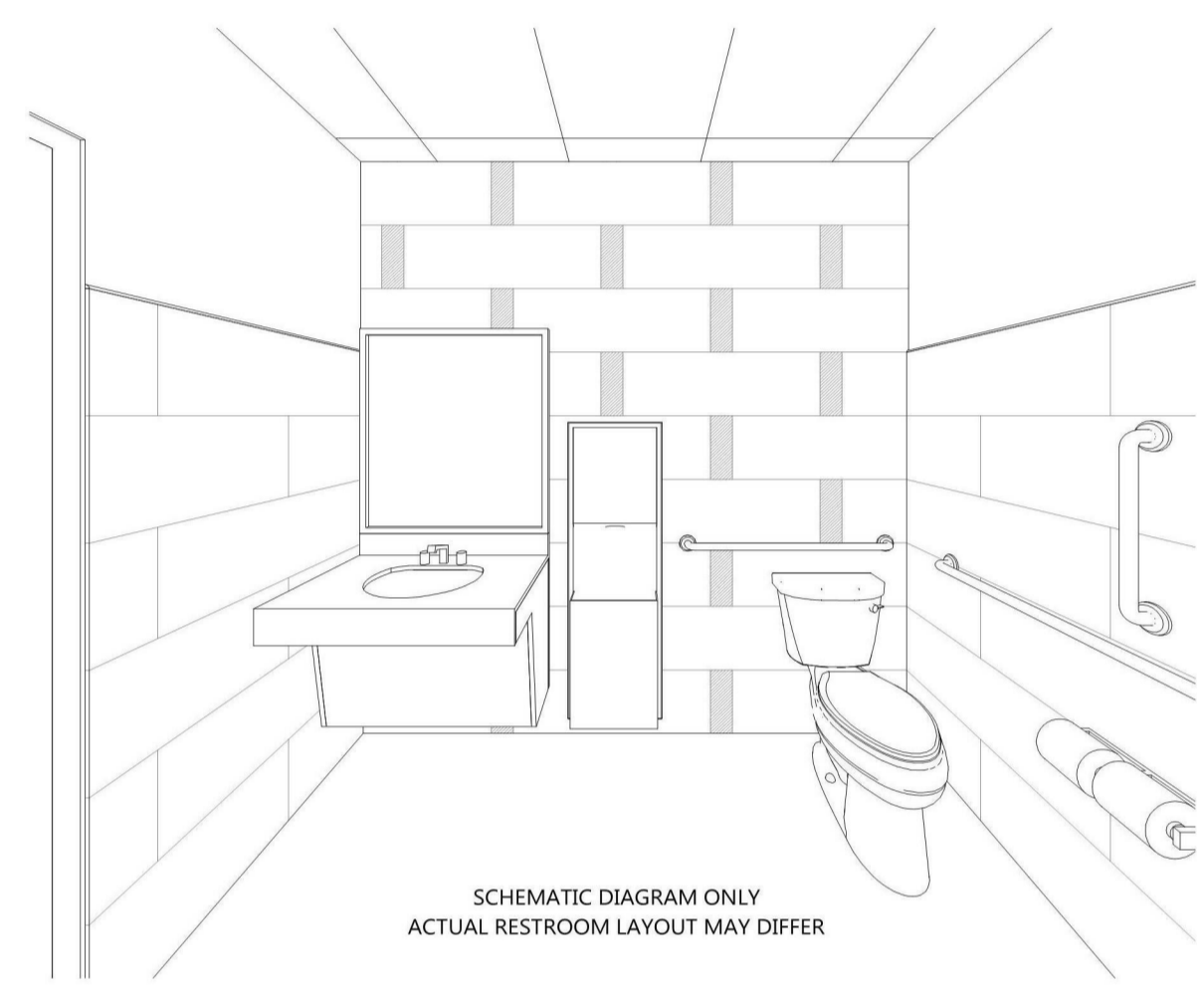
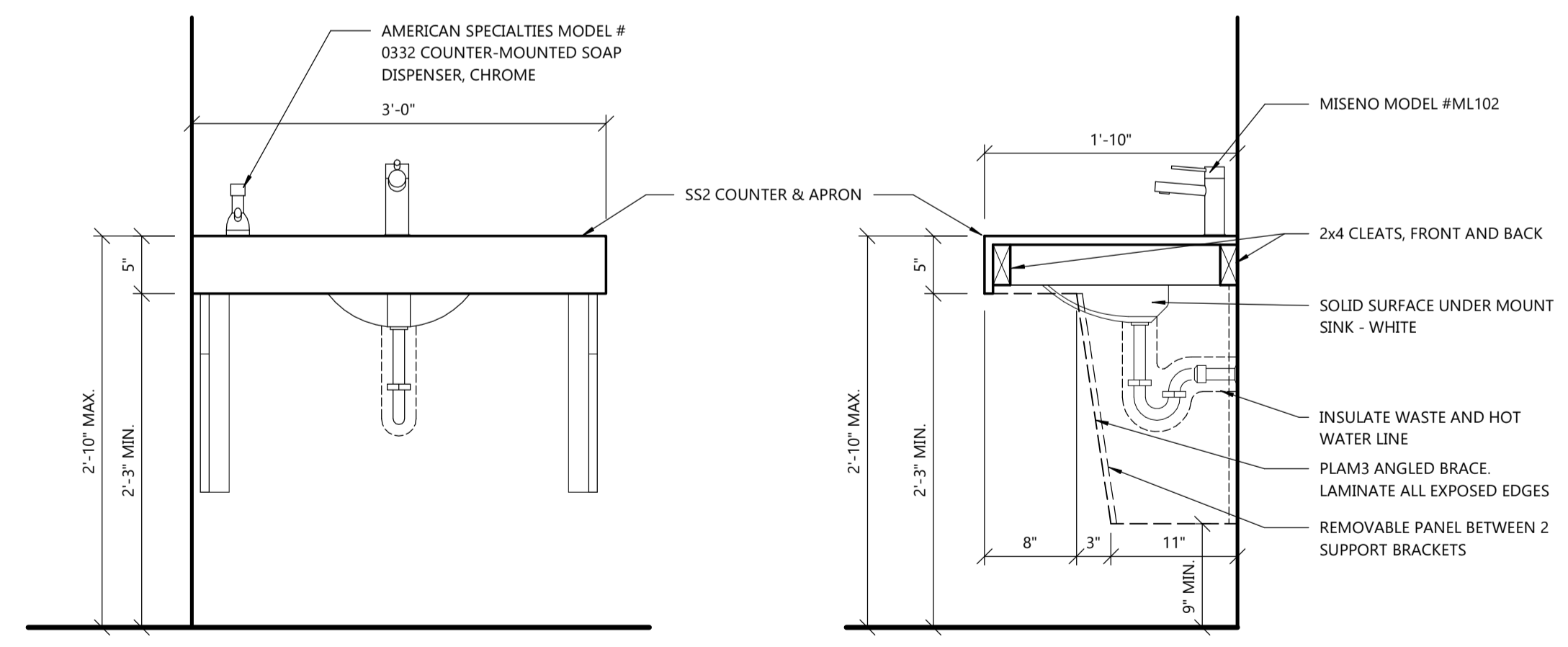
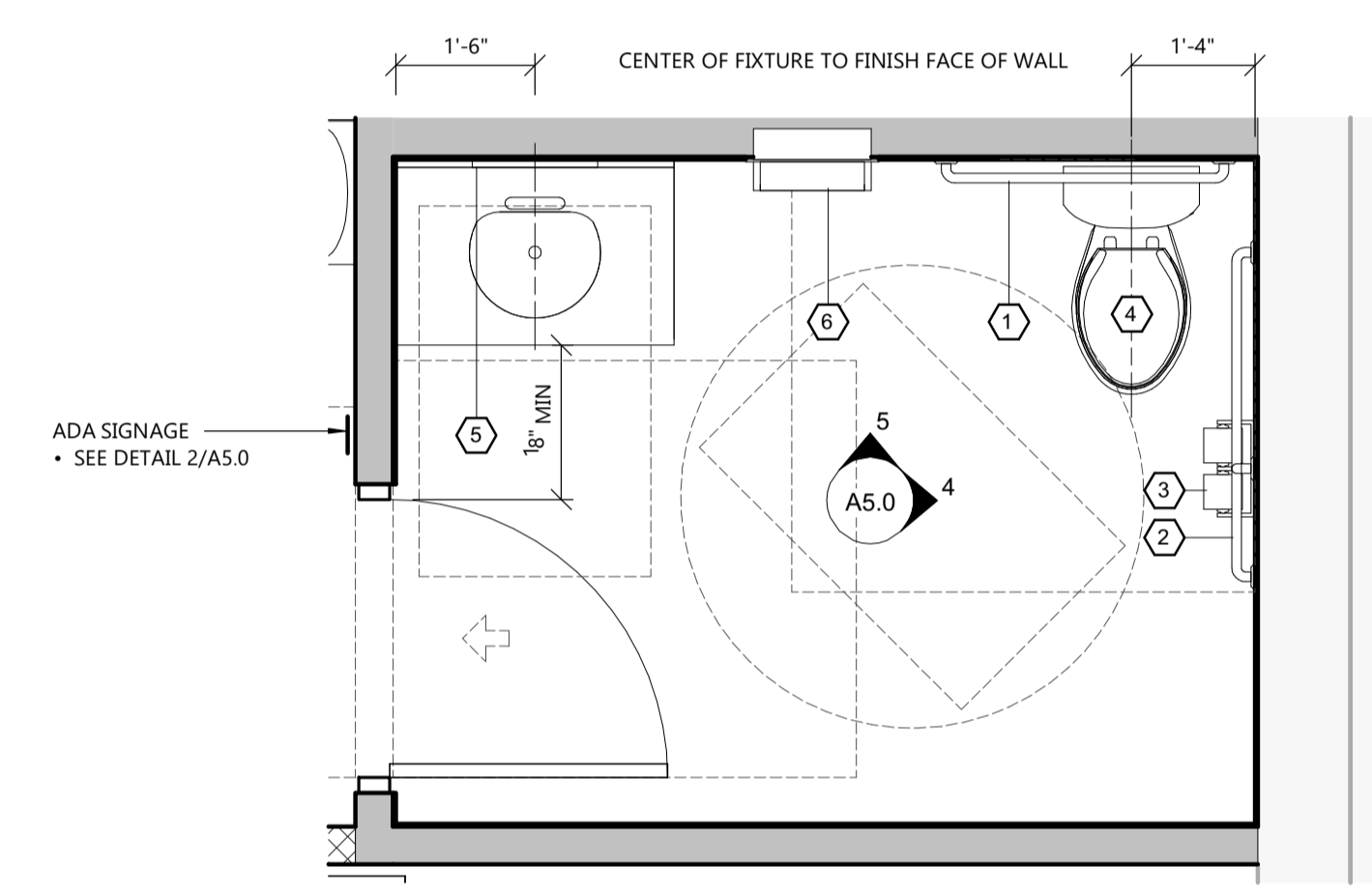
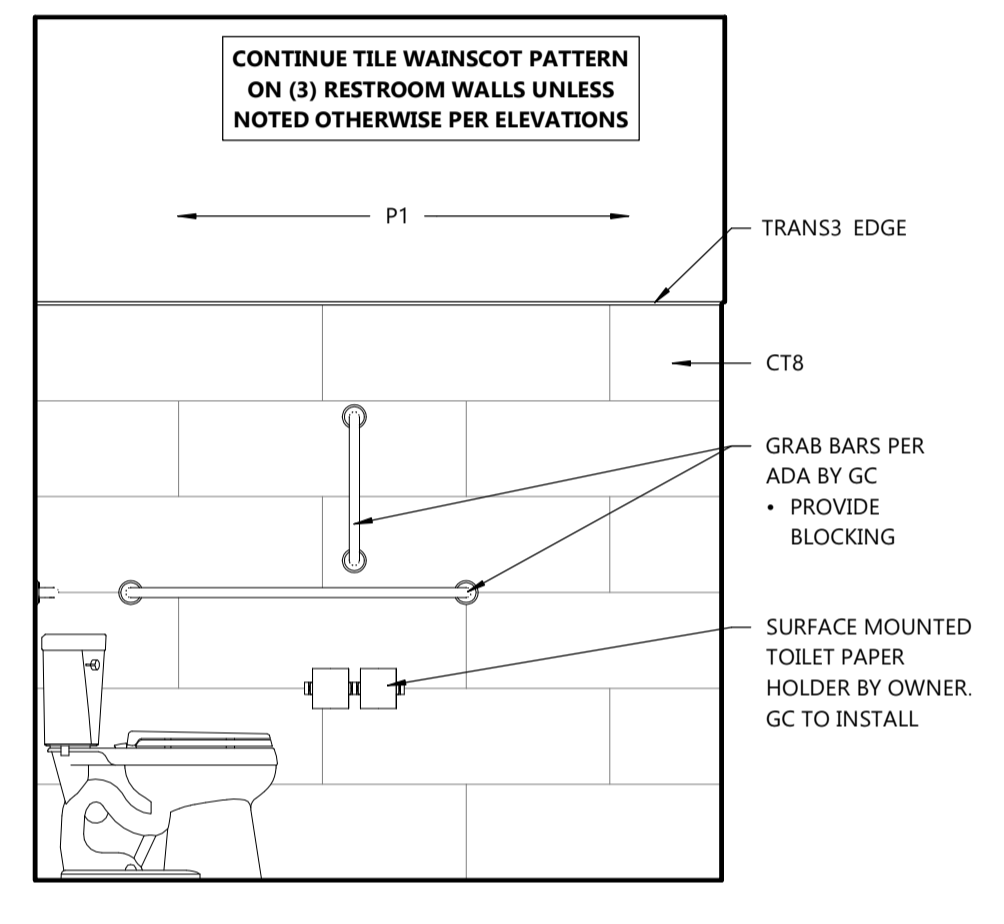
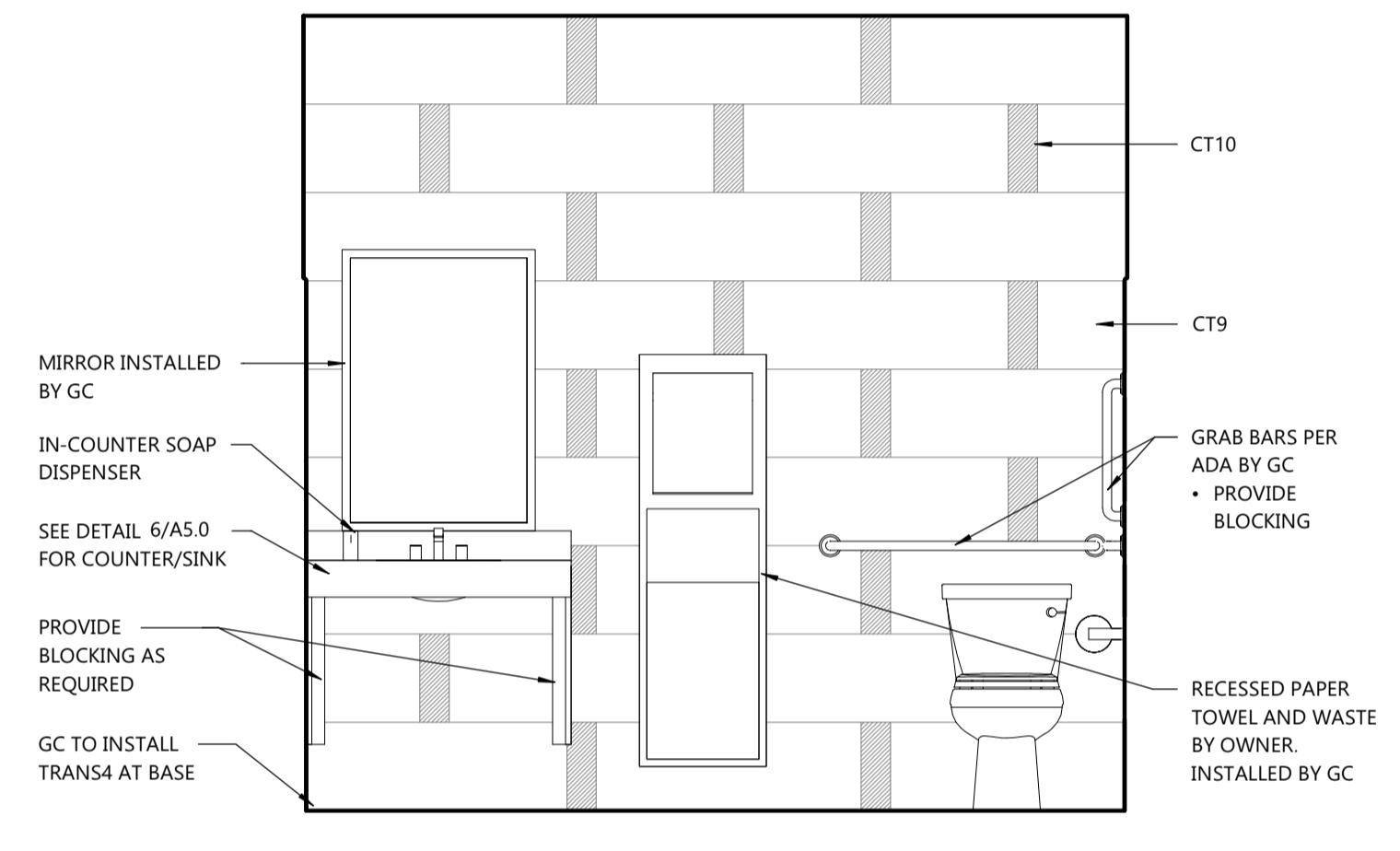


FIGURE 4



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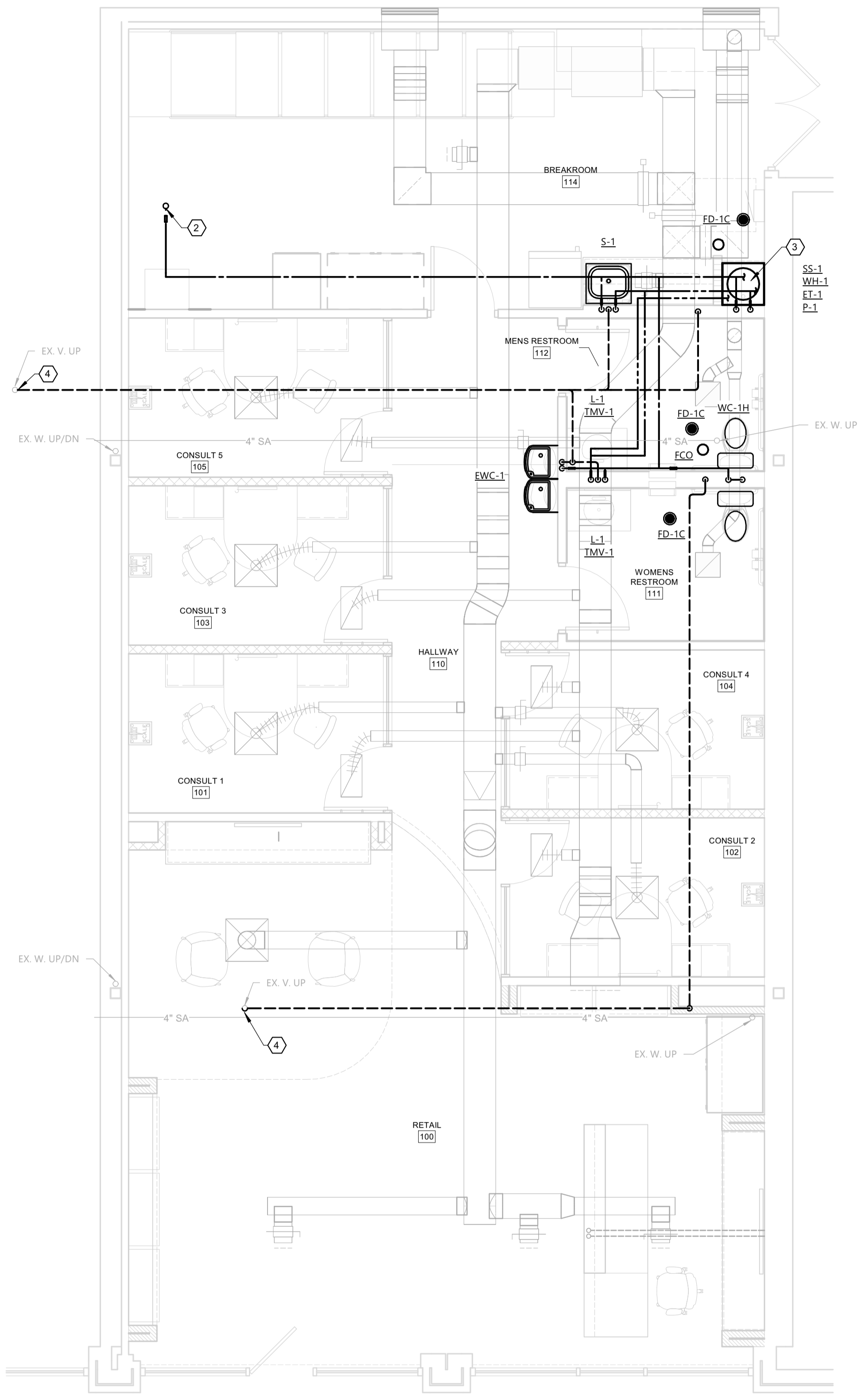
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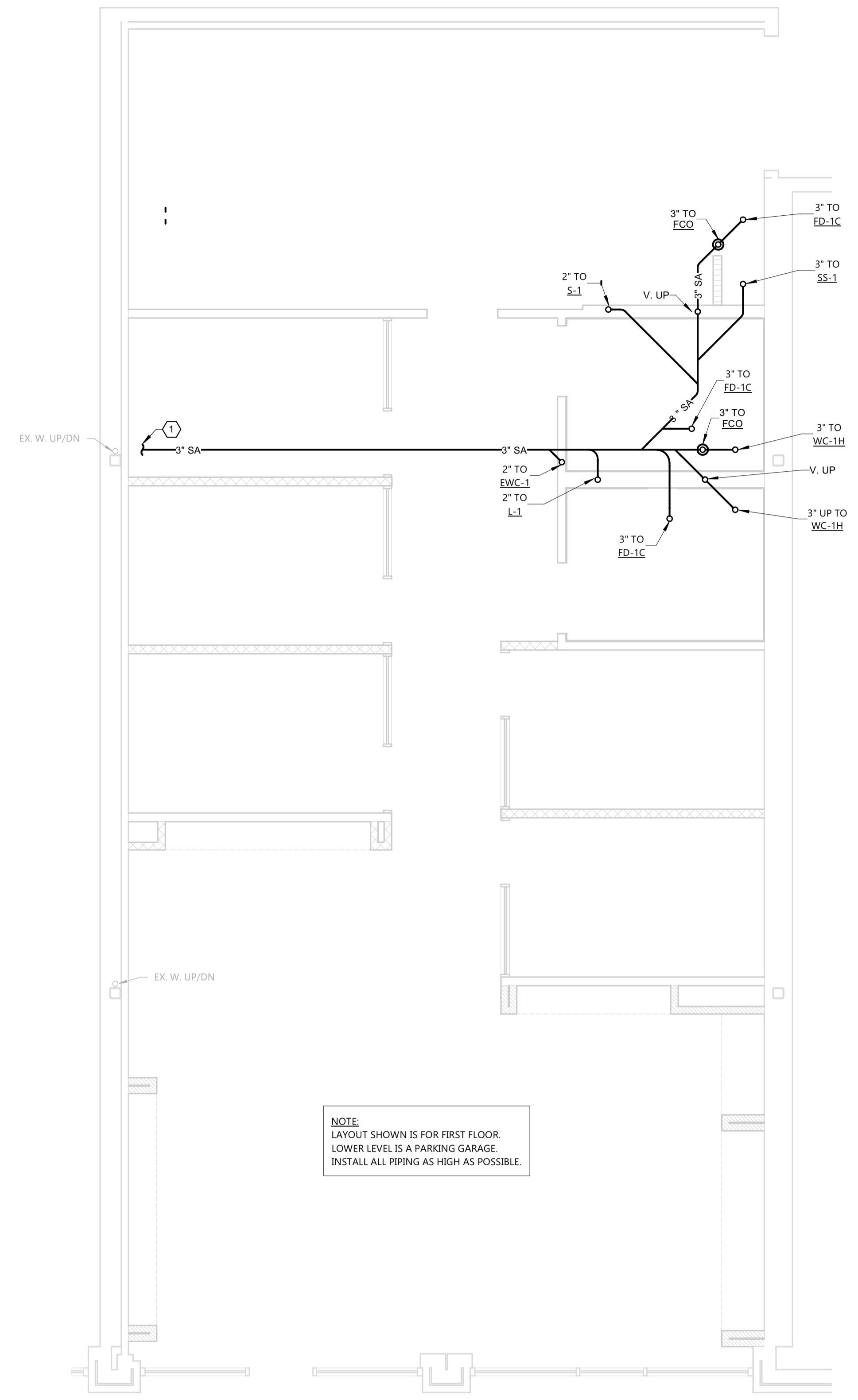
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SHEET NUMBER
A5.0



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



LOWER LEVEL PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

NOTE:
 LAYOUT SHOWN IS FOR FIRST FLOOR.
 LOWER LEVEL IS A PARKING GARAGE.
 INSTALL ALL PIPING AS HIGH AS POSSIBLE.

GENERAL NOTES:

- ALL PIPING IS TO BE CONCEALED. IF BUILDING CONSTRUCTION DOES NOT PERMIT CONCEALING PIPING, LOCATIONS AND ROUTING ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO INSTALLATION.
- INSTALL CLEANOUTS AT STACKS WHICH PENETRATE THE LOWEST FLOOR LEVEL 28" AFF UNLESS NOTED OTHERWISE.
- FLOOR AND WALL CLEANOUT LOCATIONS NOT PERMITTED TO BE MOVED WITHOUT APPROVAL OF ARCHITECT/ENGINEER.
- SEE ARCHITECTURAL AS SHEETS FOR ADA RELATED INSTALLATION DETAILS.

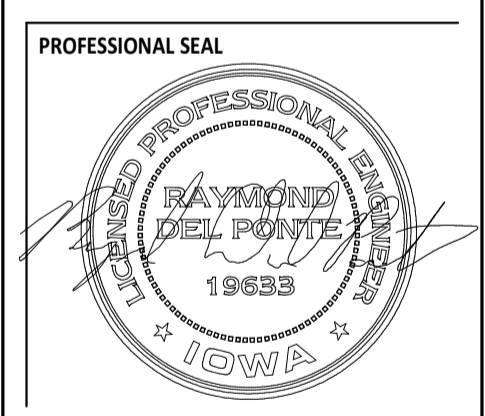
KEYNOTES:

- CONNECT TO MINIMUM 3" SANITARY DRAIN PROVIDED BY THE LANDLORD. FIELD VERIFY EXISTING PIPING LOCATION, ELEVATION, DIRECTION OF FLOW AND SIZE AT POINT OF CONNECTION AND THAT NEW PIPE ROUTE IS CLEAR OF UTILITIES AND OTHER OBSTRUCTIONS PRIOR TO INSTALLATION OF ANY PIPING. REROUTE AS REQUIRED. COSTS INCURRED FOR FAILURE TO DO SO SHALL BE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL PERFORM A DYE TEST TO ENSURE PIPE BEING CONNECTED TO IS ACTIVE.
- VERIFY LOCATION AND CONNECT TO DOMESTIC WATER TERMINATION PROVIDED BY THE LANDLORD. PROVIDE VALVE FOR TENANT SPACE AT TERMINATION IF NONE EXISTS. REROUTE AS REQUIRED. VERIFY EXISTING WATER METER / BACKFLOW PREVENTER LOCATION AND REQUIREMENTS ARE PER AHJ REQUIREMENTS. VERIFY WATER PRESSURE AT POINT OF CONNECTION MEETS OR EXCEEDS PRESSURE NOTED IN WATER CALCULATION PRIOR TO INSTALLATION OF ANY NEW WORK. NOTIFY OWNER AND EXCEL ENGINEERING IF PRESSURE IS BELOW MINIMUM REQUIREMENT.
- WH-1 MOUNT ON PLATFORM. SEE WATER HEATER PIPING DETAIL FOR CONTINUATION.
- CONNECT TO EXISTING.

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GENERAL NOTES:

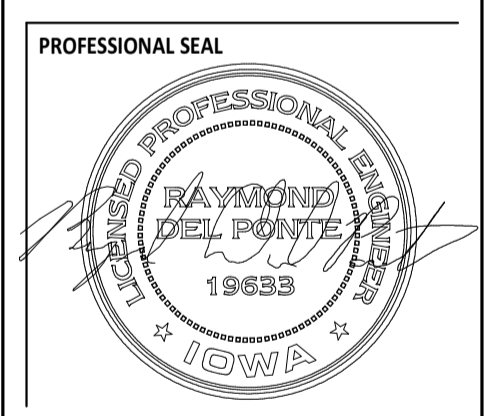
- SEE UNDERGROUND PLAN AND FIXTURE UNIT SCHEDULE FOR WASTE DRAIN BRANCH AND TRAP SIZE TO FIXTURE.
- SEE FIXTURE UNIT SCHEDULE FOR WATER SUPPLY BRANCH SIZE TO FIXTURE.
- PIPING SIZED BASED ON TYPE L COPPER TUBING. IF CPVC OR PEX IS SUBSTITUTED RESIZE PER TABLE IN WATER CALCULATIONS.

KEYNOTES:

1 CONNECT TO EXISTING.

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WATER CALCULATIONS

WATER PRESSURE DATA

1	TENANT FIXTURE UNITS	12 F.U.
2	PREDOMINATE FLUSH TYPE	TANK
3	CONTINUOUS FLOW GPM	0 GPM
4	TENANT DEMAND	9.2 GPM

PRESSURE AVAILABLE AFTER METER

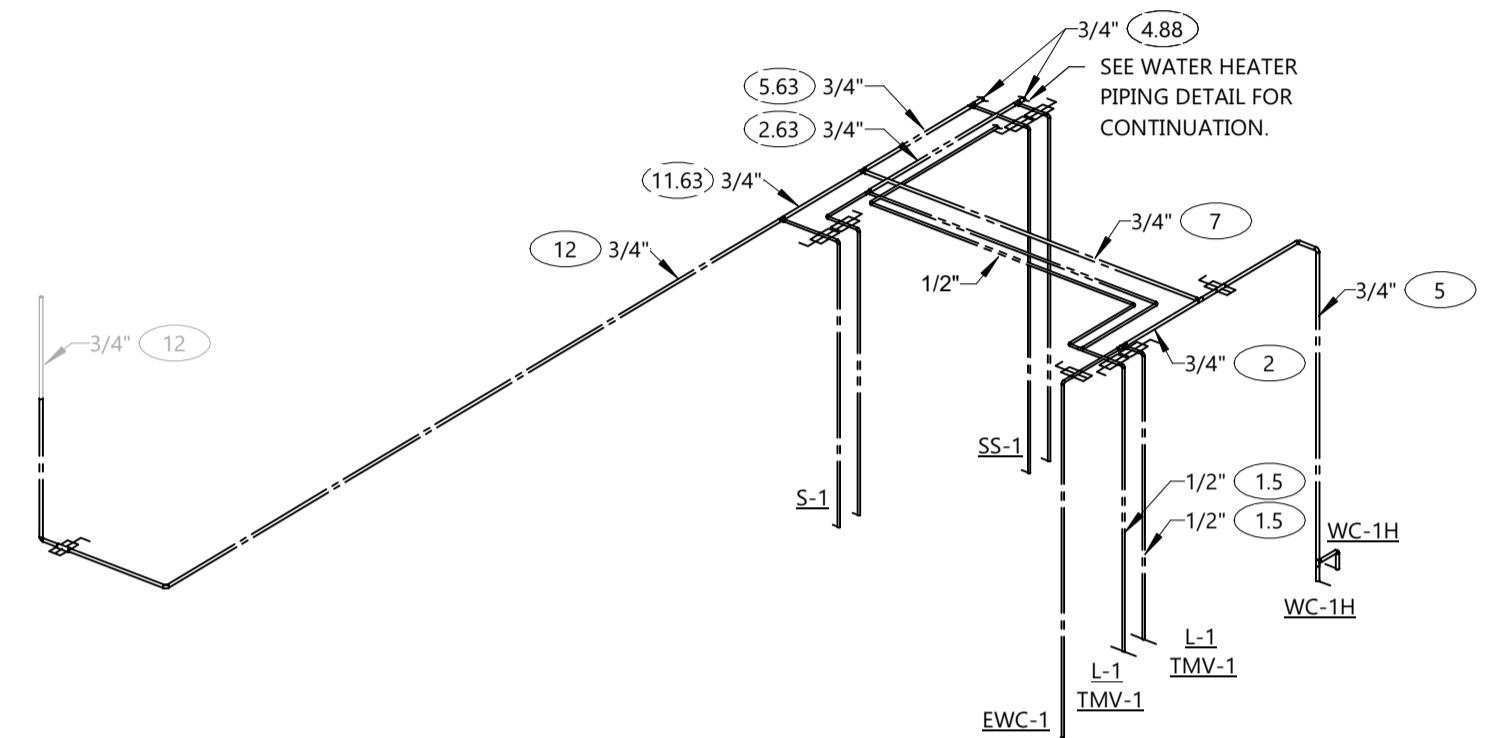
5	MAXIMUM PRESSURE ALLOWED ON SYSTEM	75.0 PSIG
6	MINIMUM PRESSURE REQUIRED AT POINT OF CONNECTION (P.O.C.)	35.0 PSIG
7	MINIMUM POC PIPE SIZE	1 INCHES
8	TENANT METER SIZE	N/A INCHES
9	TENANT METER PRESSURE LOSS	0 PSIG
10	TENANT BACKFLOW PREVENTER PRESSURE LOSS	0 PSIG
11	PRESSURE AVAILABLE FOR DISTRIBUTION	35.0 PSIG

WATER DISTRIBUTION SIZING - COLD WATER

A	AVAILABLE BUILDING WATER PRESSURE	35.0 PSIG
B	START POINT TAG (SEE ISOMETRIC FOR TAG LOCATION)	P.O.C.
C	DIST. PREVIOUS START POINT TO THIS START POINT	WSFU@8"/SEC
D	UNIFORM LOSS PREV. START POINT TO THIS START POINT	
E	PIPE PRESSURE DROP FROM METER TO START POINT	
F	CONTROLLING FIXTURE:	ID:
	ROOM NAME & NO.	WC-1H
	PRESSURE REQUIRED	25 PSIG
		3 FEET
G	ELEV. DIFF. BETW. METER AND CONTROLLING FIXTURE	3 FEET
H	PRESSURE LOSS DUE TO WATER SOFTENER	0 PSIG
I	PRESSURE LOSS DUE TO MIXING VALVE	0 PSIG
J	PRESSURE AVAILABLE FOR PIPING PRESSURE DROP	8.7 PSIG
K	DEVELOPED LENGTH START PT. TO CONTR. FIXTURE	55 FEET
L	EQUIVALENT LENGTH START PT. TO CONTR. FIXTURE	83 FEET
M	PRESSURE AVAILABLE FOR UNIFORM LOSS	10.54 PSIG/100'

WATER DISTRIBUTION SIZING - HOT WATER

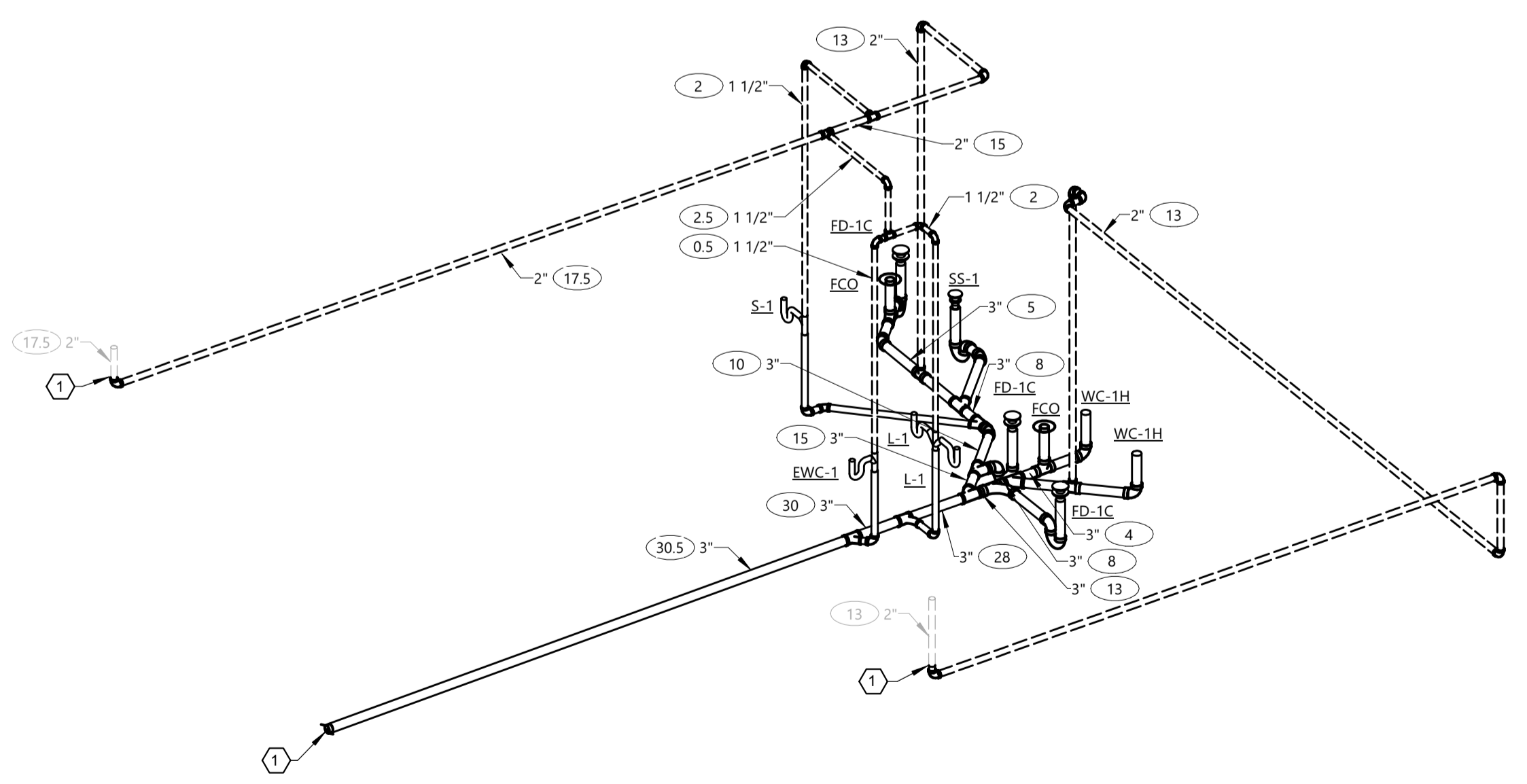
A	AVAILABLE BUILDING WATER PRESSURE	35.0 PSIG
B	START POINT TAG (SEE ISOMETRIC FOR TAG LOCATION)	P.O.C.
C	DIST. PREVIOUS START POINT TO THIS START POINT	WSFU@5"/SEC
D	UNIFORM LOSS PREV. START POINT TO THIS START POINT	
E	PIPE PRESSURE DROP FROM METER TO START POINT	
F	CONTROLLING FIXTURE:	ID:
	ROOM NAME & NO.	WOMENS "111"
	PRESSURE REQUIRED	8 PSIG
		3 FEET
G	ELEV. DIFF. BETW. METER AND CONTROLLING FIXTURE	3 FEET
H	PRESSURE LOSS DUE TO WATER SOFTENER	0 PSIG
I	PRESSURE LOSS DUE TO MIXING VALVE	12 PSIG
J	PRESSURE AVAILABLE FOR PIPING PRESSURE DROP	13.7 PSIG
K	DEVELOPED LENGTH START PT. TO CONTR. FIXTURE	85 FEET
L	EQUIVALENT LENGTH START PT. TO CONTR. FIXTURE	128 FEET
M	PRESSURE AVAILABLE FOR UNIFORM LOSS	10.74 PSIG/100'



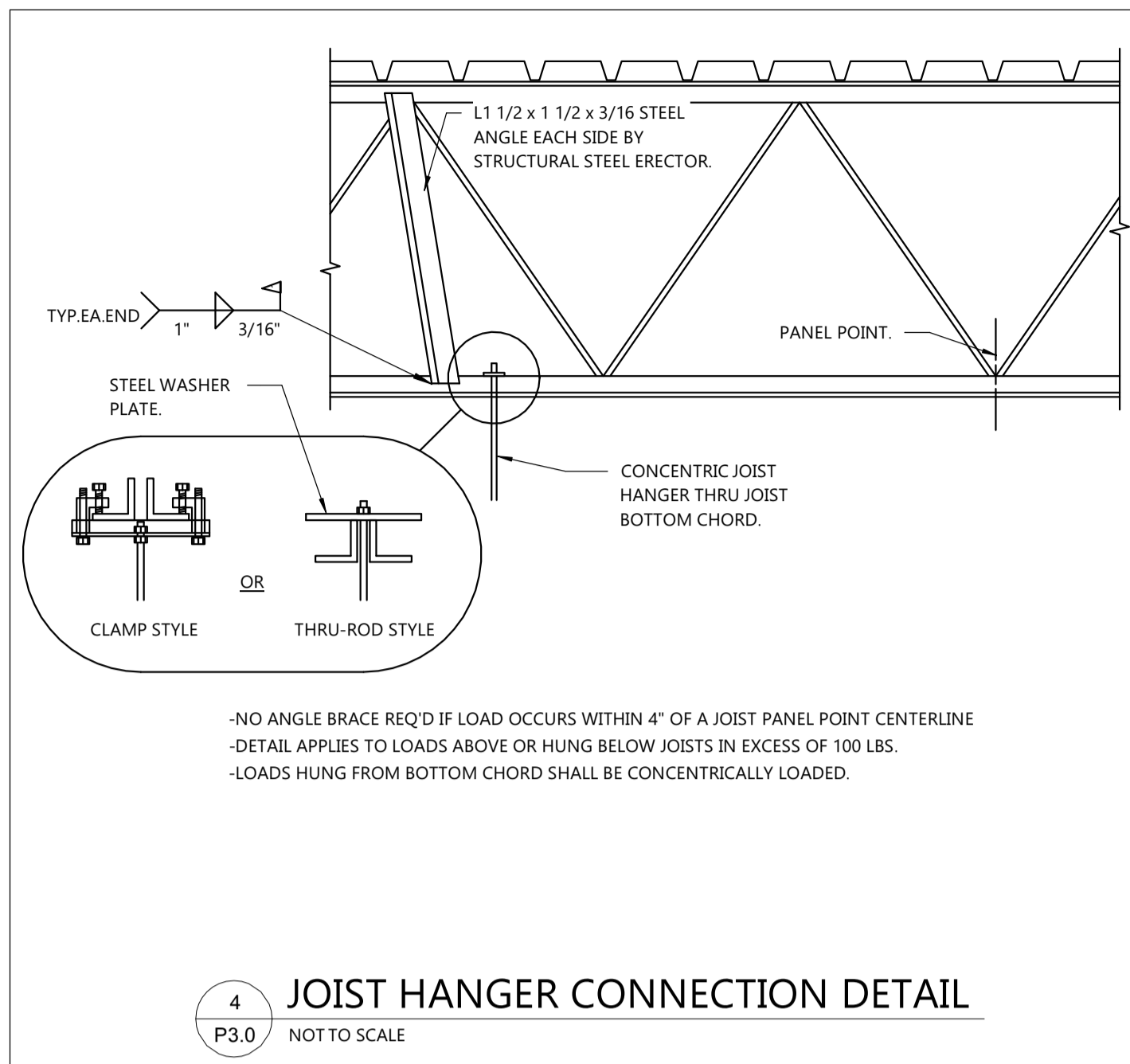
WATER ISOMETRIC
 NOT TO SCALE

FIXTURE UNITS

NO.	FIXTURE	WASTE			COLD WATER			HOT WATER			TOTAL WATER	
		UNITS	TOTAL	TRAP SIZE	UNITS	TOTAL	BRANCH SIZE	UNITS	TOTAL	BRANCH SIZE	UNITS	TOTAL
1	DRINKING FOUNTAIN / EWC	0.5	0.5	1 1/4"	0.5	0.5	1/2"	-	-	-	0.5	0.5
3	FLOOR DRAIN- 3"	5	15	3"	-	-	-	-	-	-	-	-
2	LAV - SINGLE	1	2	1 1/4"	0.75	1.5	1/2"	0.75	1.5	1/2"	1	2
1	SINK- KITCHEN /FAUCET	2	2	1 1/2"	1.13	1.13	1/2"	1.13	1.13	1/2"	1.5	1.5
1	SINK- SERVICE- 3"	3	3	3"	2.25	2.25	1/2"	2.25	2.25	1/2"	3	3
2	WATER CLO- TANK	4	8	-	2.5	5	1/2"	-	-	-	2.5	5
10	TOTAL		30.5			10.38			4.88			12



WASTE AND VENT ISOMETRIC
 NOT TO SCALE



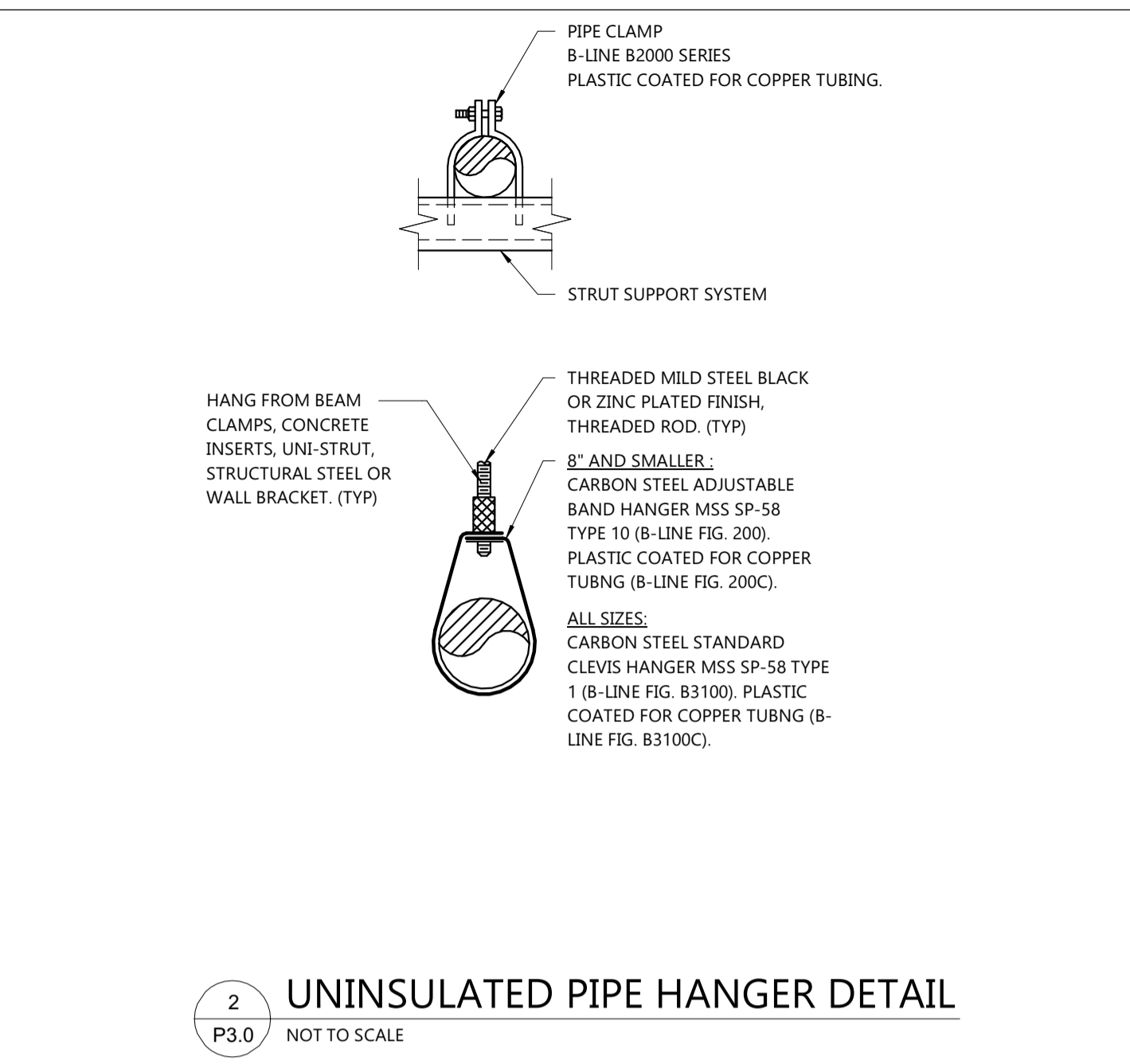
4 JOIST HANGER CONNECTION DETAIL
 P3.0 NOT TO SCALE

MAX. SPACING BETWEEN PIPE SUPPORTS AND MIN. HANGER ROD SIZES

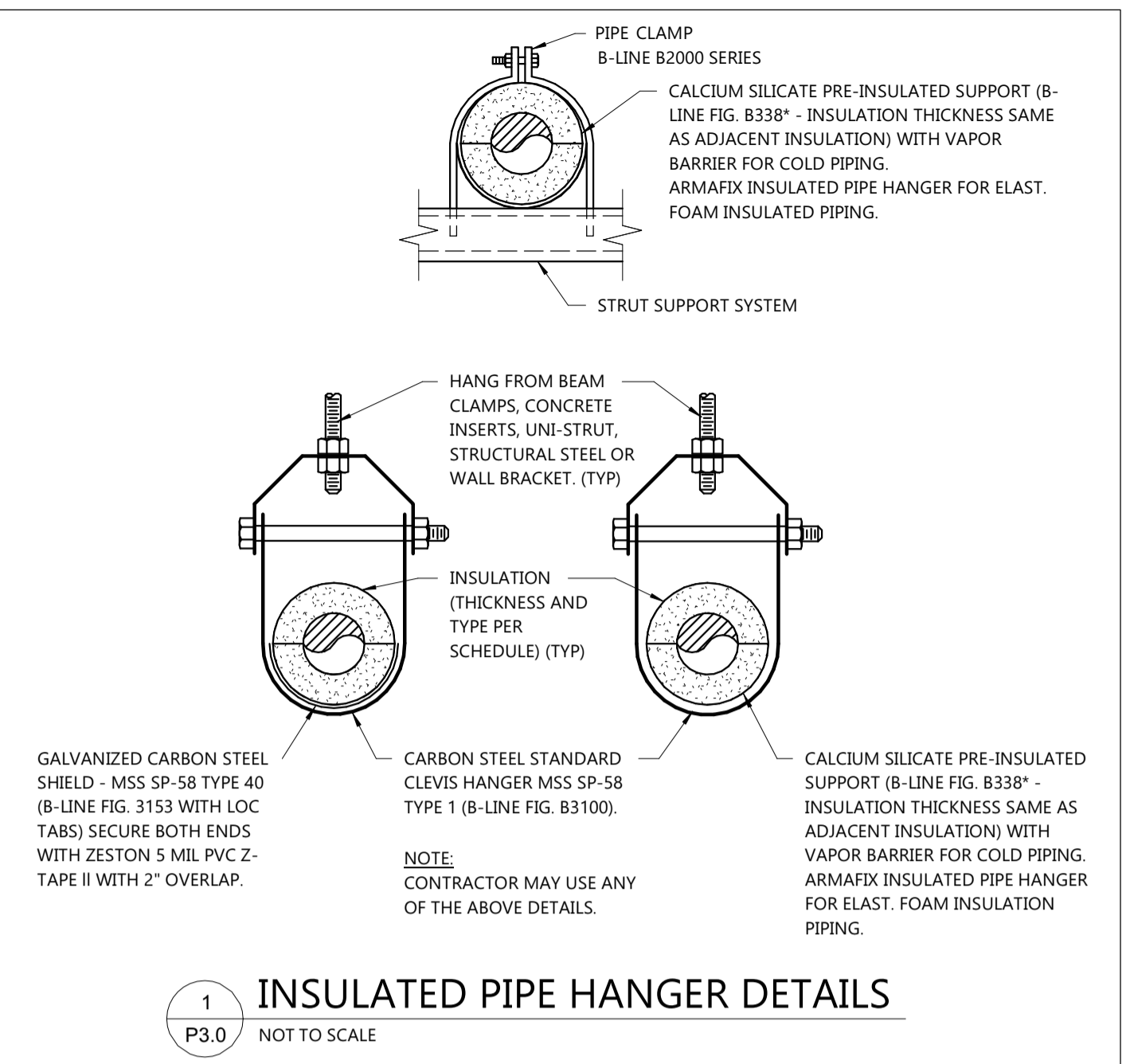
PIPE SIZE	STEEL		COPPER		PVC	PEX	MIN. ROD	
	WATER	VAPOR	WATER	VAPOR	CPVC		METAL PIPE	PLASTIC PIPE
1/4"-1/2"	7'	8'	5'	6'	4'	32"	3/8"	3/8"
3/4"	7'	9'	5'	7'	4'	32"	3/8"	3/8"
1"	7'	9'	6'	8'	4'	32"	3/8"	3/8"
1 1/4"	7'	9'	7'	9'	4'	32"	3/8"	3/8"
1 1/2"	9'	12'	8'	10'	4'	32"	3/8"	3/8"
2"	10'	12'	8'	11'	4'	-	3/8"	3/8"
2 1/2"	11'	12'	9'	12'	4'	-	3/8"	3/8"
3"	12'	12'	10'	12'	4'	-	3/8"	3/8"
4"	12'	12'	12'	12'	4'	-	3/8"	3/8"
6"	12'	12'	12'	12'	4'	-	3/8"	3/8"
8"	12'	12'	-	-	4'	-	1/2"	3/8"
10"	12'	12'	-	-	4'	-	1/2"	3/8"
12"	12'	12'	-	-	4'	-	5/8"	3/8"
14"	12'	12'	-	-	4'	-	5/8"	3/8"
16"	12'	12'	-	-	4'	-	3/4"	3/8"
MAX VERT. (1)	15'	15'	10'	10'	10'	-	-	-

(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.
 MSS = MANUFACTURER'S STANDARDIZATION SOCIETY
 -INSTALL ADDITIONAL HANGERS WITHIN 12" OF ELBOWS AND TEES AND AT CONCENTRATED LOADS, INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2" AND LARGER.

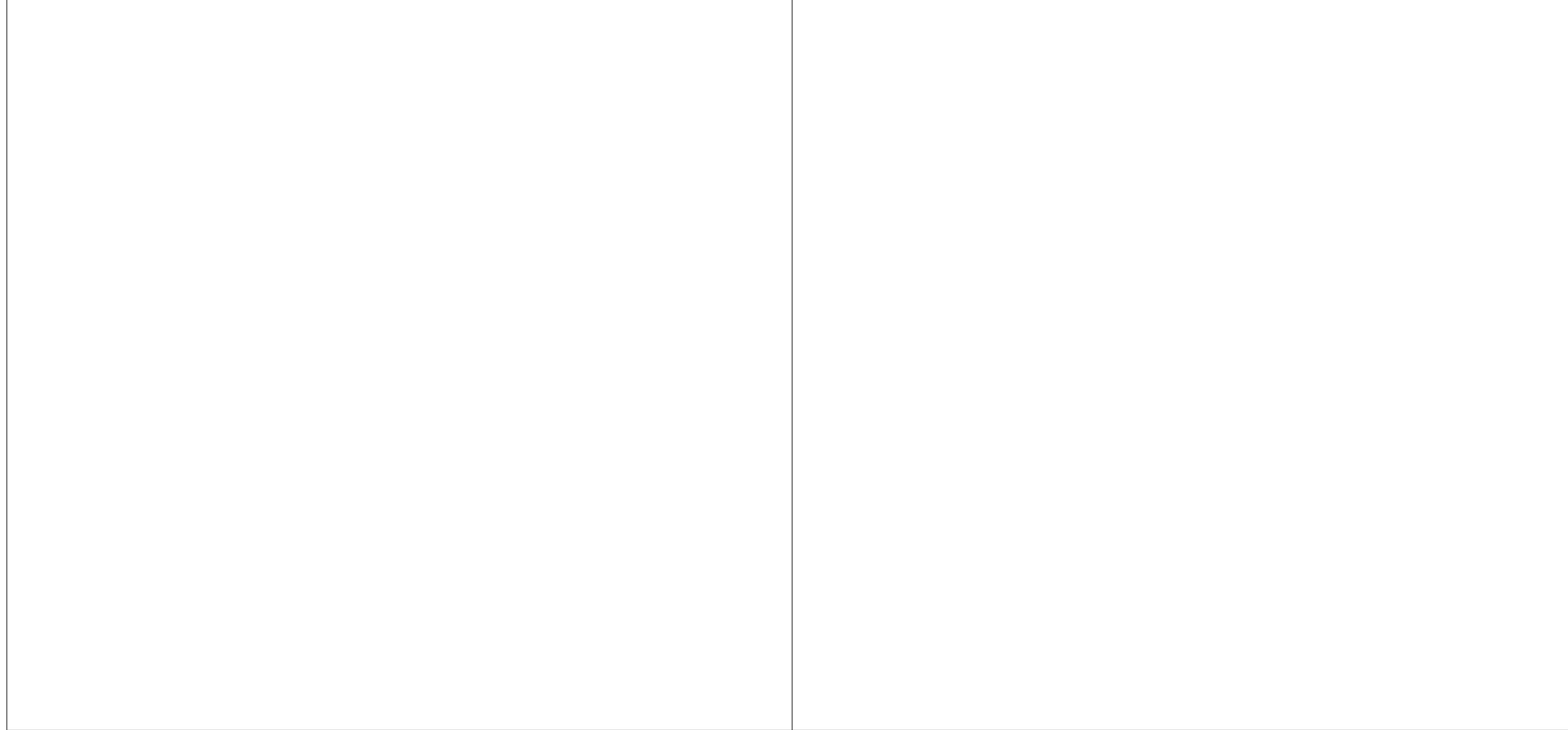
3 PIPE SUPPORT SCHEDULE
 P3.0 NOT TO SCALE



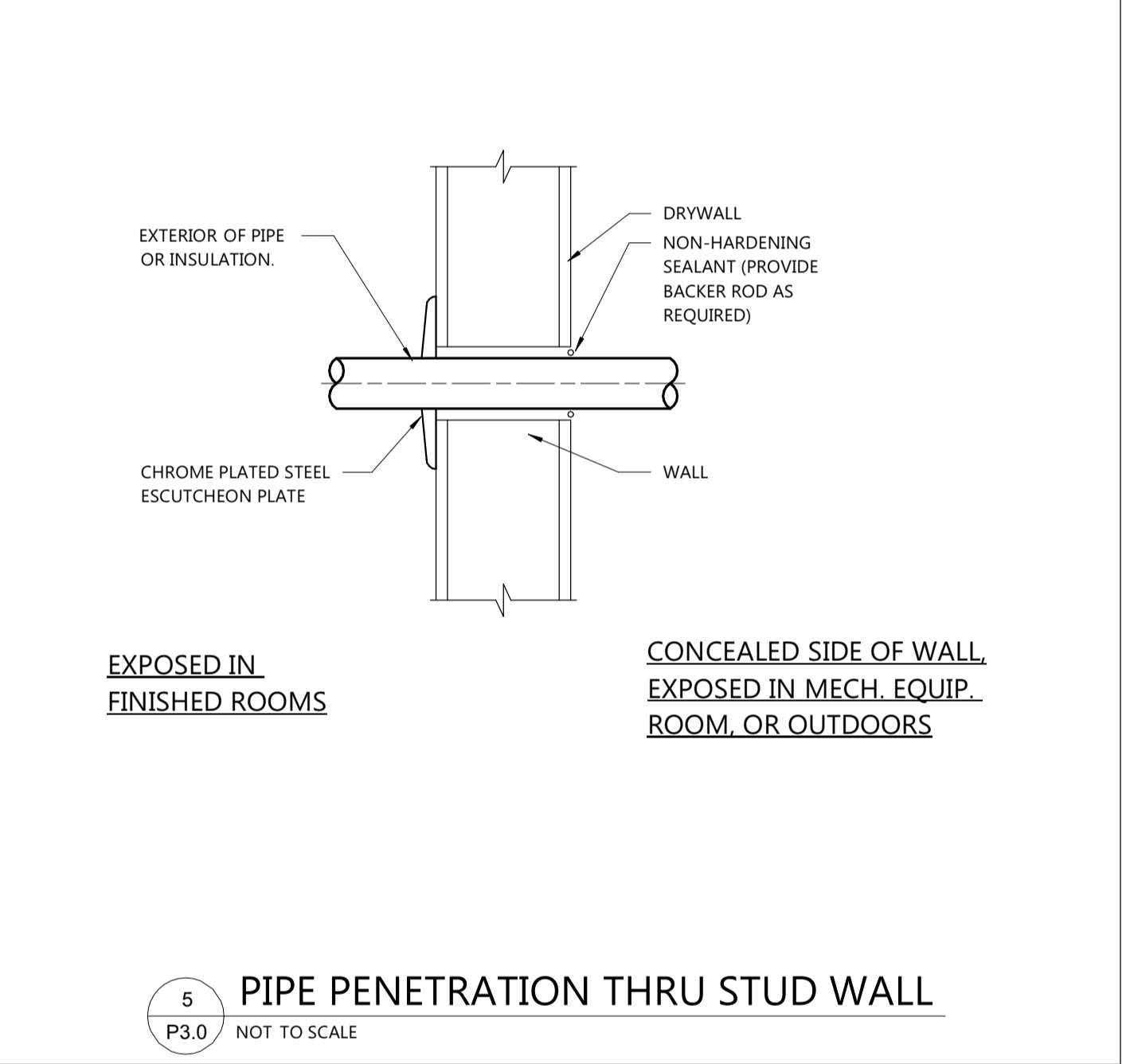
2 UNINSULATED PIPE HANGER DETAIL
 P3.0 NOT TO SCALE



1 INSULATED PIPE HANGER DETAILS
 P3.0 NOT TO SCALE



6 WATER HEATER PIPING DETAIL
 P3.0 NOT TO SCALE

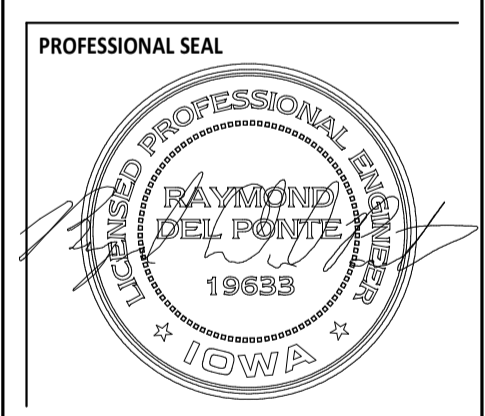


5 PIPE PENETRATION THRU STUD WALL
 P3.0 NOT TO SCALE

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 Fond Du Lac, WI 54935
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PROJECT INFORMATION

TENANT BUILD-OUT FOR:
PROFILE BY SANFORD
 1301 S. GILBERT ST., SUITE 2 • IOWA CITY, IA 52240

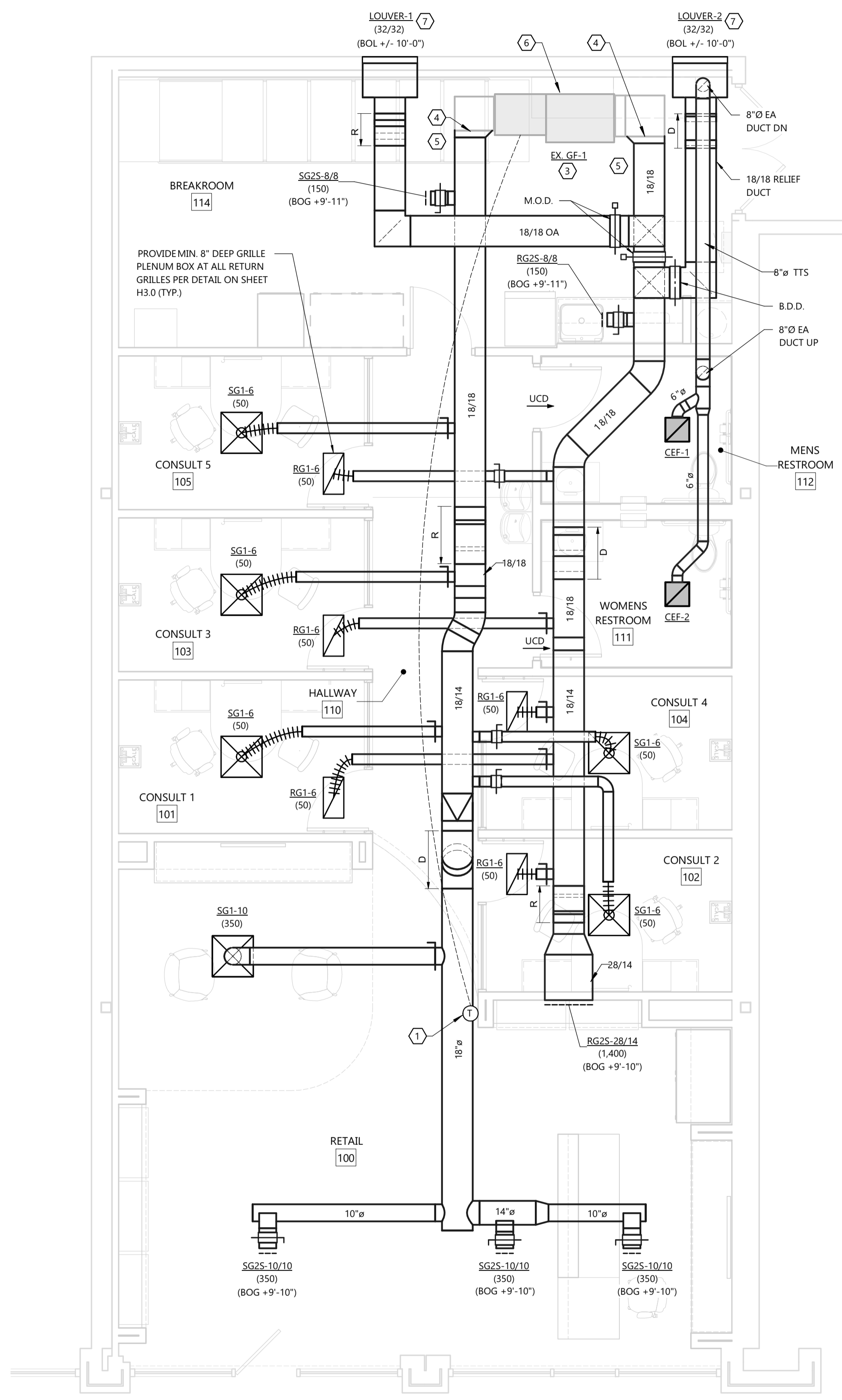


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FIRST FLOOR PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

GENERAL NOTES

- VERIFY BUILDING OPENING AND CURB SIZES LISTED ON PLANS WITH ACTUAL EQUIPMENT SCHEDULED AND SUPPLIED. COORDINATE REQUIRED OPENING SIZES AND LOCATIONS WITH CONTRACTORS PROVIDING OPENING SCHEDULES AND ACTUAL EQUIPMENT SIZES SHALL TAKE PRECEDENCE OVER SIZES SHOWN ON PLANS.
- DETAIL REFERENCES ON PLANS ARE TO AID THE CONTRACTOR IN IDENTIFYING THE APPLICABLE DETAIL. NOT ALL DETAILS, OR INSTANCES OF DETAILS, ARE REFERENCED ON PLANS. CONTRACTOR IS RESPONSIBLE TO REVIEW AND COMPLY WITH ALL APPLICABLE DETAILS WHETHER OR NOT REFERENCED ON PLANS.
- COORDINATE LOCATION OF ALL EXPOSED PIPING AND DUCTWORK WITH OWNER PRIOR TO INSTALLATION.
- IF DUCT SYSTEMS ARE USED FOR TEMPORARY HEAT, PROVIDE TEMPORARY FILTERS AT RETURN AIR OPENINGS AND INSTALL FILTERS IN THE UNITS EQUIVALENT TO THE EFFICIENCY OF THE SPECIFIED FILTERS FOR THE UNIT. IF PROPER EFFICIENCY FILTERS ARE NOT INSTALLED IN UNIT, UNIT AND ALL DUCTWORK DOWNSTREAM OF UNIT SHALL BE CLEANED BEFORE TEST AND BALANCE.
- COORDINATE GRILLE LOCATIONS WITH FINAL REFLECTED CEILING PLAN AND CORRESPONDING LIGHTING CONFIGURATION.
- MOUNT DUCTWORK IN AREAS AS HIGH AS POSSIBLE ABOVE SPACES WITH 10'-0" HIGH CEILINGS.

DEMOLITION NOTES

- REMOVE ALL EXISTING DUCTWORK AND GRILLES UNLESS INDICATED AS EXISTING TO REMAIN.

KEYNOTES

- 1 MOUNT THERMOSTAT AT 48" A.F.F. IN LOCATIONS AS SHOWN, UNLESS LOCAL CODE AUTHORITY WILL ALLOW A MOUNTING HEIGHT OF 60" A.F.F. THERMOSTATS SHALL BE HONEYWELL VISION PRO THR832OR COMMERCIAL SERIES OR APPROVED EQUAL THERMOSTAT PROVIDED BY HVAC CONTRACTOR.
- 2 NOT USED.
- 3 GAS FURNACE FOR NEW TENANT CONSTRUCTION. SEE EXISTING GAS FURNACE SCHEDULE ON SHEET H4.0. FIELD VERIFY EXACT LOCATION OF UNIT AND ADJUST DUCTWORK ACCORDINGLY. CLEAN UNIT, GREASE ALL BEARINGS, LEAK-CHECK AND CHARGE REFRIGERANT SYSTEM, REPLACE FILTERS AT END OF TENANT BUILD-OUT CONSTRUCTION, AND CLEAN OUTDOOR AND INDOOR COILS.
- 4 CONNECT TO EXISTING.
- 5 REMOVE EXISTING 18" Ø SA AND RA DUCTS.
- 6 EXISTING GAS PIPING, REFRIGERANT PIPING AND CONDENSATE DRAIN TO REMAIN.
- 7 LOUVERS TO BE CENTERED IN BRICK AREAS BELOW CANTILEVERED FLOOR ABOVE.

HVAC CALCULATION NOTES

HVAC CALCULATIONS ASSUMES THE FOLLOWING FOR THE ENVELOPE CONSTRUCTION:

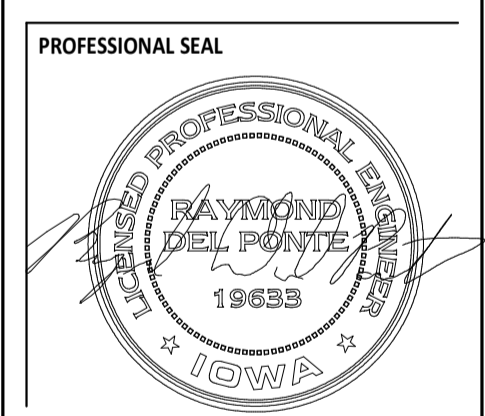
- WALL WITH WOOD STUDS/INSULATION:
R-VALUE = 19.54 TOTAL
- GLASS: INSULATED CLEAR GLAZING
U-VALUE = 0.38
SHADING COEFFICIENT = 0.53

IF ACTUAL ENVELOPE CONSTRUCTION VARIES FROM THESE ESTIMATES, CONTRACTOR TO CONTACT EXCEL ENGINEERING, INC.



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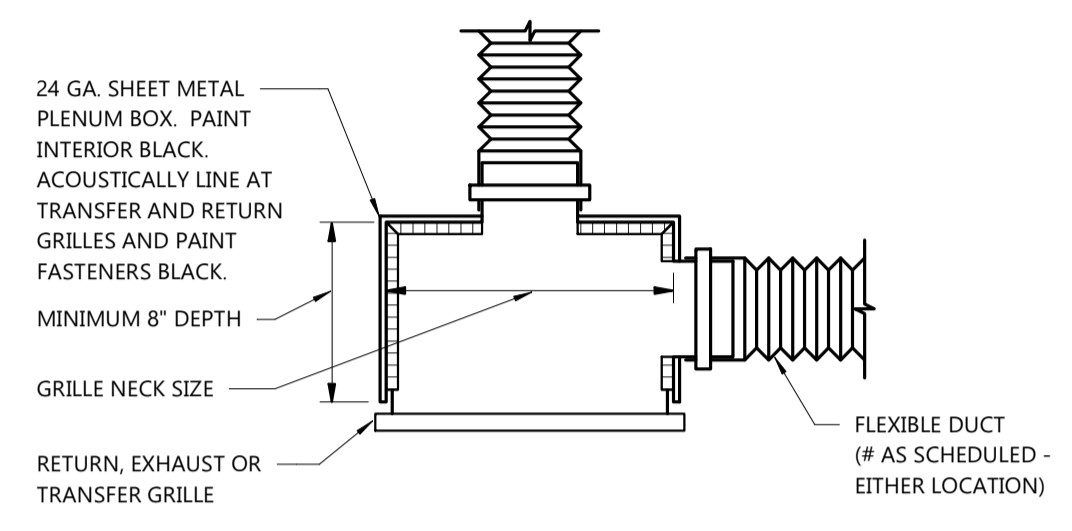


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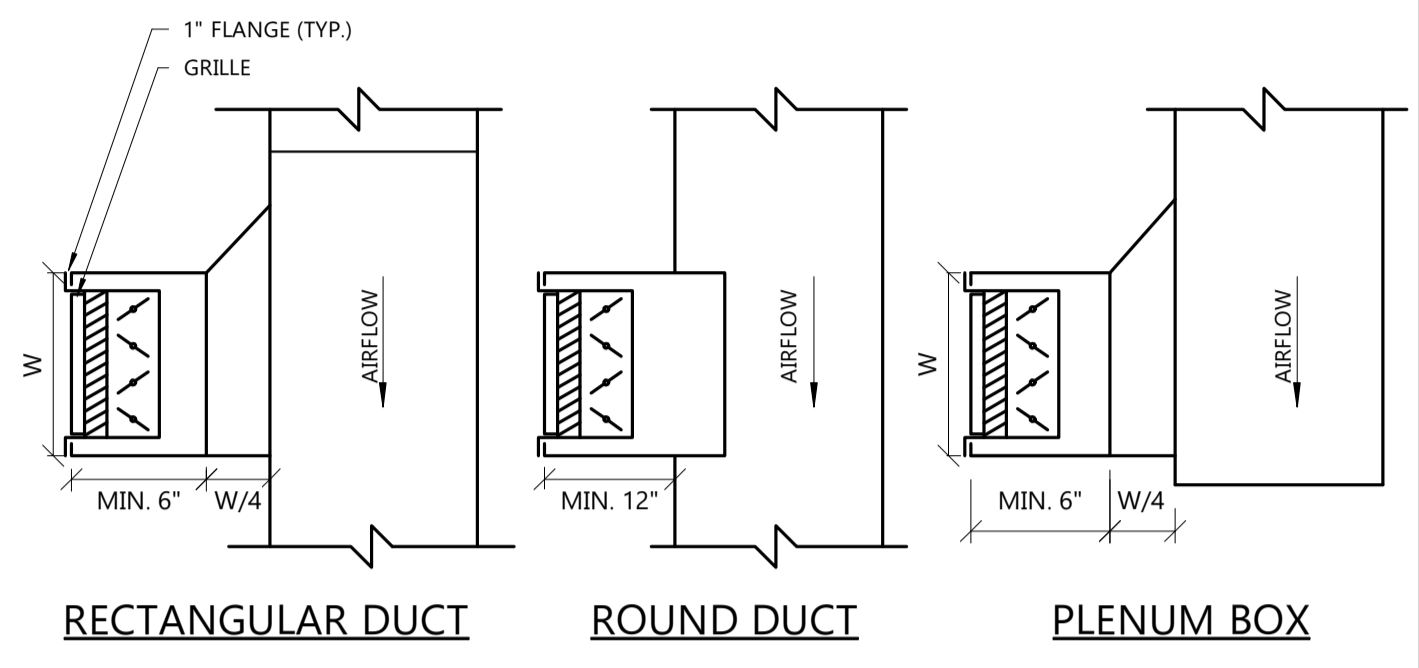
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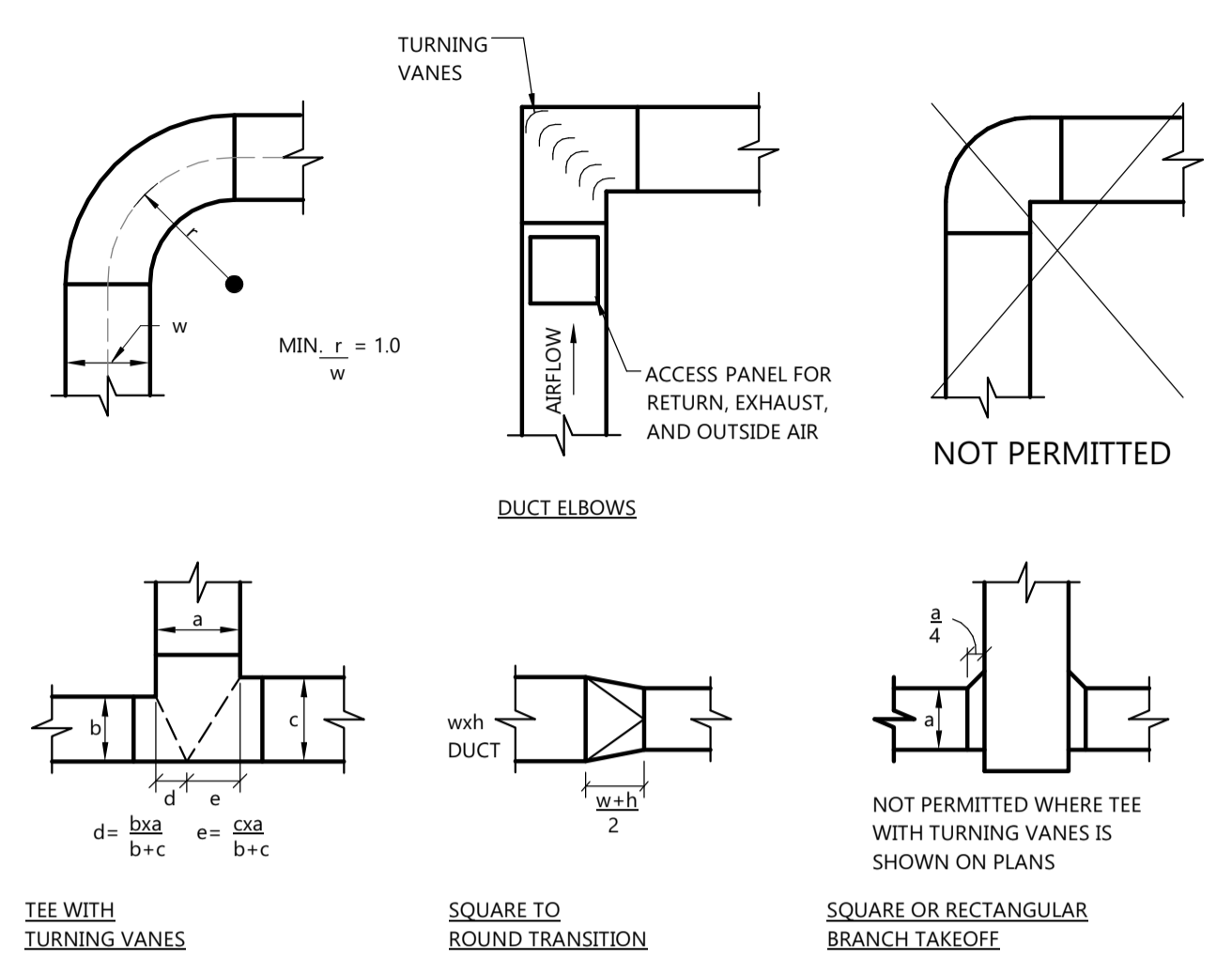
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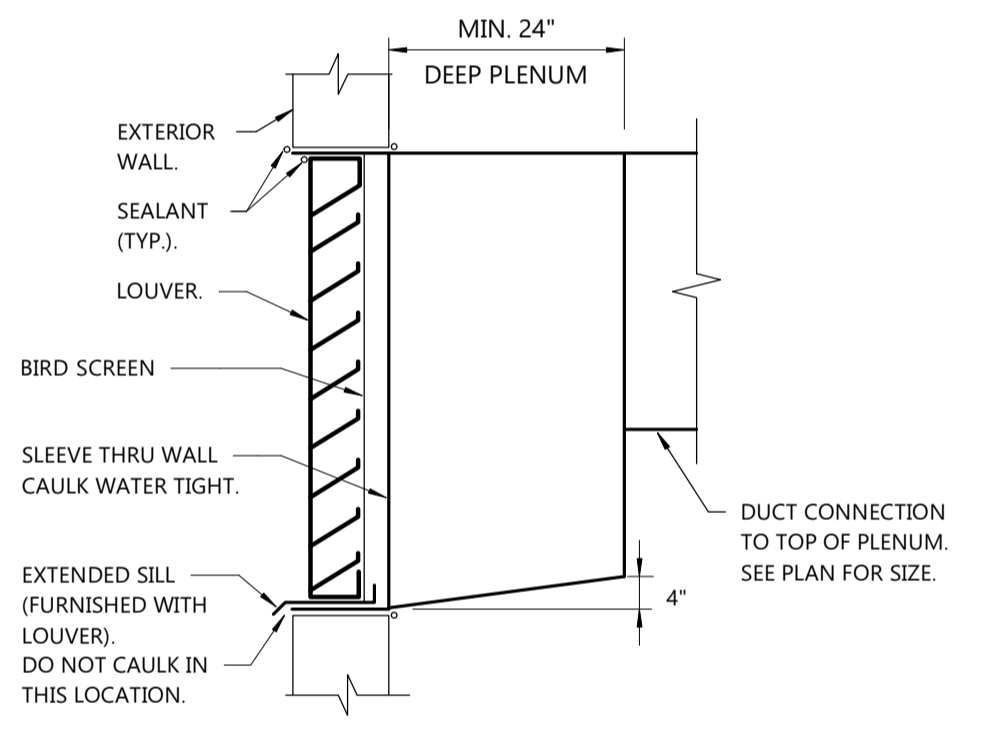
3 GRILLE PLENUM BOX DETAIL
 H3.0 NOT TO SCALE



2 DUCT/PLENUM MOUNTED GRILLE DETAIL
 H3.0 NOT TO SCALE



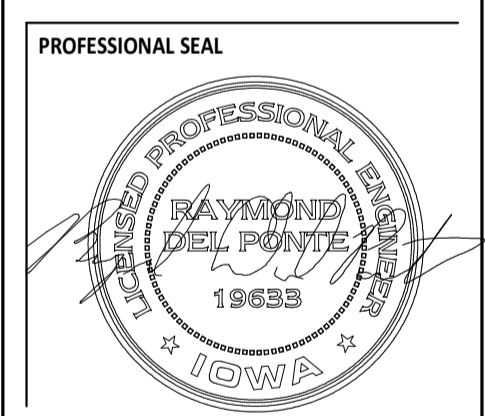
1 DUCT FITTING DETAILS
 H3.0 NOT TO SCALE



4 LOUVER DETAIL
 H3.0 NOT TO SCALE

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LOUVER SCHEDULE (L.)														
NO.	SERVES	APPLICATION	CFM	SIZE			FREE AREA S.F.	MAX. APD " W.C.	SCREEN	MAT'L	FRAME	FINISH	MODEL	REMARKS
				D "	W "	H "								
1	EX. GF-1	O.A. DUCTED	1,800	6	32	32	3.43	0.04	BIRD	ALUM.	CHANNEL	(1)	ESD-603	"GREENHECK" (2)
2	RELIEF / EXH.	E.A. DUCTED	2,000	6	32	32	3.43	0.05	BIRD	ALUM.	CHANNEL	(1)	ESD-603	"GREENHECK" (2)

- ACCEPTABLE MANUFACTURERS: GREENHECK, RUSKIN, CARNES, TITUS, AMERICAN WARMING AND VENTILATING, IAC, CESCO, POTTORFF.
- BIRD SCREEN: 1/2"x 1/2" 19 GAUGE GALVANIZED WIRE.
- INTAKE LOUVERS SHALL MEET CLASS A REQUIREMENTS WHEN RATED ACCORDING TO AMCA 511-99 AND TESTED PER AMCA 500-L-99.
- (1) BAKED ENAMEL - COLOR AS SELECTED BY LANDLORD.
- (2) PROVIDE WITH EXTENDED SILL.

SUPPLY GRILLE SCHEDULE (S.G.)											
NO.	TYPE	CFM RANGE	NECK/ FACE SIZE	INLET DUCT DIA.	MAT'L	DAMPER	FINISH	FRAME	THROW	MODEL	REMARKS
1-6	LOUVER	0-75	24 X 24	6"	STEEL	(1)	WHITE	LAY-IN	4-WAY	TMS	"TITUS"
1-8	LOUVER	76-275	24 X 24	8"	STEEL	(1)	WHITE	LAY-IN	4-WAY	TMS	"TITUS"
1-10	LOUVER	276-375	24 X 24	10"	STEEL	(1)	WHITE	LAY-IN	4-WAY	TMS	"TITUS"
1-12	LOUVER	375-550	24 X 24	12"	STEEL	(1)	WHITE	LAY-IN	4-WAY	TMS	"TITUS"
1-14	LOUVER	551-750	24 X 24	14"	STEEL	(1)	WHITE	LAY-IN	4-WAY	TMS	"TITUS"
2S	DBL DEFL.	SEE DWG.	(2)	-	STEEL	(1)	WHITE	SURFACE MOUNT	DBL DEFL. (4)	300R	"TITUS"

- ACCEPTABLE MANUFACTURERS: TITUS, PRICE, CARNES, METALAIRE, ANEMOSTAT, KRUEGER.
- NOT ALL SUPPLY GRILLES SCHEDULED ARE USED ON THE PROJECT.
- (1) DAMPER AT THE GRILLE INDICATED BY A "D" AFTER THE GRILLE DESIGNATION. EXAMPLE: SG1SD-6 IS SG1S-6 WITH A DAMPER.
- (2) NECK SIZE INDICATED ON PLAN AT GRILLE IDENTIFICATION.
- (4) FRONT BLADES IN THE HORIZONTAL DIRECTION.

RETURN GRILLE SCHEDULE (R.G.)										
NO.	TYPE	MAX CFM	NECK SIZE	FLEX. DUCT DIA.	MAT'L	DAMPER	FINISH	FRAME	MODEL	REMARKS
1-6	EGG CRATE	75	24 x 12	6"	ALUM.	(4)	WHITE	LAY-IN (2)	50F (3)	"TITUS"
1-8	EGG CRATE	275	24 x 12	8"	ALUM.	(4)	WHITE	LAY-IN (2)	50F (3)	"TITUS"
1-10	EGG CRATE	450	24 x 12	10"	ALUM.	(4)	WHITE	LAY-IN (2)	50F (3)	"TITUS"
1-12	EGG CRATE	750	24 x 12	12"	ALUM.	(4)	WHITE	LAY-IN (2)	50F (3)	"TITUS"
1-14	EGG CRATE	1,100	24 x 24	14"	ALUM.	(4)	WHITE	LAY-IN (2)	50F (3)	"TITUS"
1-16	EGG CRATE	1,600	24 x 24	16"	ALUM.	(4)	WHITE	LAY-IN (2)	50F (3)	"TITUS"
2S	LOUVERED	SEE DWG.	(5)	-	STEEL	(4)	WHITE	SURFACE MOUNT	350R (6)	"TITUS"

- ACCEPTABLE MANUFACTURERS: TITUS, PRICE, CARNES, METALAIRE, ANEMOSTAT, KRUEGER.
- NOT ALL RETURN GRILLES SCHEDULED ARE USED ON THE PROJECT.
- BRANCH DUCT SIZE TO GRILLE SHALL BE SAME SIZE AS NECK UNLESS OTHERWISE NOTED.
- (2) SURFACE MOUNT BORDER WITH NO SCREW HOLES FOR LAY-IN APPLICATION.
- (3) 1/2 X 1/2 / 1/2 CORE
- (4) DAMPER AT THE GRILLE INDICATED BY A "D" AFTER THE GRILLE DESIGNATION. EXAMPLE: RG1SD-6 IS RG1S-6 WITH A DAMPER.
- (5) NECK SIZE INDICATED ON PLAN AT GRILLE IDENTIFICATION.
- (6) BLADES IN HORIZONTAL DIRECTION

DUCTWORK AND DUCTWORK INSULATION SCHEDULE						
SERVICE	LOCATION	DUCT MAT'L	SMACNA PRESS. CLASS	INSULATION		INSUL. JACKET
				RECTANGULAR DUCT	ROUND DUCT	
SUPPLY GAS FURNACE	EXPOSED IN ROOM SERVED	GALV. ST.	+1"	N.R.	N.R.	N.R.
SUPPLY GAS FURNACE	EXPOSED IN ROOM SERVED	GALV. ST.	+1"			N.R.
RETURN UPSTREAM OF FAN	CONCEALED AND EXPOSED	GALV. ST.	-1"	N.R.	N.R.	N.R.
OUTSIDE AND MIXED AIR	EXPOSED	GALV. ST.	-1"	2" RIGID F.G.	2" SEMI-RIGID F.G.	N.R.
RELIEF	EXPOSED	GALV. ST.	+1/2"	1.5" RIGID F.G. (2)	1.5" SEMI-RIGID F.G. (2)	N.R.
EXHAUST DOWNSTREAM OF FAN	EXPOSED	GALV. ST.	+1"	1.5" RIGID F.G.	1.5" SEMI-RIGID F.G.	N.R.
EXHAUST DOWNSTREAM OF FAN	CONCEALED	GALV. ST.	+1"	1.5" FLEX. F.G. (2)	1.5" FLEX. F.G. (2)	N.R.

- N.R. = NOT REQUIRED
- EXPOSED = VISIBLE FROM OCCUPIED SPACE.
- CONCEALED = HIDDEN FROM VIEW BY WALLS AND CEILINGS.
- MATERIALS:
- GALV. STEEL: ASTM A653, LOCK FORMING QUALITY, 1.25 OUNCES/ S.F. ZINC COATING (G90 IN ACCORDANCE WITH ASTM A90 BOTH SIDES).
- ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK SHALL BE SEALED PER IECC 403.2.9.
- (2) INSULATE FROM 18" UPSTREAM OF THE BACKDRAFT OR MOTOR OPERATED DAMPER TO THE POINT WHERE THE DUCT EXITS THE BUILDING.

ELECTRICAL/STARTER/DISCONNECT SCHEDULE																
SYM.	ELECTRICAL DATA						STARTER				SMOKE DETECTOR	DISCONNECT	FURN. BY	REMARKS		
	HP	KW	AMPS	MCA	MOP	VOLT	PH.	TYPE	LOCATION	FURN. BY					AUX. CONTACT	ACCESSORIES
CEF-1	-	0.08	-	-	-	120	1	(1)	(1)	EC	-	-	-	R	EM	-
CEF-2	-	0.08	-	-	-	120	1	(1)	(1)	EC	-	-	-	R	EM	-

- STARTER TYPE:
- INTEG.= INTEGRAL: PROVIDED INTEGRAL WITH EQUIPMENT.
- FURNISHED BY: _____ ACCESSORIES: _____ DISCONNECT: _____ REMARKS: _____
- EM = EQUIPMENT MANUFACTURER HOA = HAND-OFF-AUTO NR= NOT REQUIRED REC.=RECEPTACLE
- HC = HEATING CONTRACTOR PL =LED PILOT LIGHT R = REQUIRED
- EC = ELECTRICAL CONTRACTOR PB = PUSH BUTTON 3R = NEMA 3R

- VERIFY VOLTAGE AND PHASE WITH ELECTRICAL CONTRACTOR BEFORE ORDERING EQUIPMENT.
- (1) WALL OCCUPANCY SENSOR PROVIDED BY E.C. TO TURN ON ROOM LIGHTS AND FAN.

EXISTING GAS FURNACE AND CONDENSING UNIT SCHEDULE (EX. G.F. & EX. C.U.)														
NO.	POSITION	FURNACE					CONDENSING UNIT					REMARKS		
		CFM	O.A. CFM	MBH IN	MBH OUT	NO. OF STAGES	H.P.	MODEL	NO.	MCA	MOCP		VOLT.	MODEL
1	HORIZONTAL	1800	425	120	116	2	1	AUH2D120	1	32	50	208/1	4A7A6061	AMERICAN STANDARD

- PROVIDE WITH NEW 2" ASHRAE STD 52.2 MERV 8 T.A. FILTERS
- THE ABOVE INFORMATION IS BASED ON ORIGINAL BUILDING DESIGN DOCUMENTS AND FIELD SURVEY. CONTRACTOR TO VERIFY.

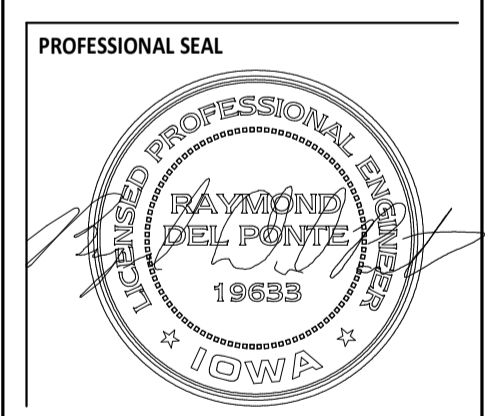
CABINET EXHAUST FAN SCHEDULE (C.E.F.)										
NO.	AREA SERVED	TYPE	CFM	S.P. " W.C.	RPM	MOTOR WATTS	MAX. SONES	DUCT COLLAR SIZE	MODEL	REMARKS
1	TOILET RM	CEILING	100	0.38	950	80	2.7	6"	SP-B110	"GREENHECK"
2	TOILET RM	CEILING	100	0.38	950	80	2.7	6"	SP-B110	"GREENHECK"

- ACCEPTABLE MANUFACTURERS: GREENHECK, COOK, PENN, CARNES.
- SUPPORT FROM STRUCTURE. ISOLATE FAN AND ASSOCIATED DUCTWORK.
- PROVIDE SPEED CONTROL MOUNTED ON FAN HOUSING, INTERNAL PLUG-IN DISCONNECT AND BACKDRAFT DAMPER
- PROVIDE WITH WHITE ALUMINUM GRILLE



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LEGEND

NOTE: ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS. ALL MOUNTING HEIGHTS ARE TYPICAL UNLESS OTHERWISE NOTED.

SYM	IDENTIFICATION	SYM	IDENTIFICATION
LIGHTING			
	RECESSED, SURFACE, OR PENDANT MOUNTED LIGHT FIXTURE		EMERGENCY LIGHT MOUNT 11'-0" AFF TO TOP OR 8" BELOW CEILING, WHICHEVER IS LOWER
	WALL MOUNTED LIGHT FIXTURE		RECESSED EMERGENCY LIGHT
	RECESSED, SURFACE MOUNTED, OR CHAIN HUNG LIGHT FIXTURE		OCCUPANCY SENSOR
	PENDANT FIXTURE		WALL MOUNTED OCCUPANCY SENSOR WITH SWITCH
	RECESSED, SURFACE MOUNTED OR INTERIOR WALL WASH FIXTURE		DUAL LEVEL/CIRCUIT OCCUPANCY SENSOR WITH SWITCH
	EXIT LIGHT		PHOTO CONTROL
WIRING DEVICES			
	SINGLE POLE SWITCH. MOUNT 46" AFF TO CENTER, 3 = 3 WAY, 4 = 4 WAY, P = PULL, D = DIMMER, K = KEYS		DUPLEX RECEPTACLE. MOUNT IN CABINET BEHIND MICROWAVE, FIELD VERIFY HEIGHT
	DUAL LEVEL SWITCH. MOUNT 46" AFF TO CENTER SEE DETAIL		POWER RECEPTACLE. MOUNT 18" AFF TO CENTER
	LOW VOLTAGE SWITCH. MOUNT 46" AFF TO CENTER		SWITCH BOTTOM HALF OF RECEPTACLE, TOP HALF UNSWITCHED
	SIMPLEX RECEPTACLE. MOUNT 18" AFF TO CENTER		SPECIAL OUTLET
	DUPLEX RECEPTACLE. MOUNT 18" AFF TO CENTER		JUNCTION BOX
	DOUBLE DUPLEX RECEPTACLE. MOUNT 18" AFF TO CENTER		COMBINATION FLOOR OUTLET/BLANK JUNCTION BOX - WIREMOLD - RESOURCE RFB/SERIES OR EQUIVALENT, 1" C STUB INTO ACCESSIBLE SPACE
	DUPLEX RECEPTACLE MOUNT VERTICALLY 6" ABOVE BACKSPASH TO CENTER. IF NO BACKSPASH MOUNT 6" ABOVE COUNTER		BLANK BOX 4' EXTRA DEEP BOX, SINGLE GANG RING, BLANKPLATE, 1" C STUB INTO ACCESSIBLE SPACE, MOUNT 18" AFF TO CENTER
	DUPLEX RECEPTACLE SURFACE MOUNTED FLR = FLOOR MOUNTED CLG = CEILING/SOFFIT MOUNTED		ABOVE COUNTER BLANK BOX, 4' EXTRA DEEP BOX, SINGLE GANG RING, BLANKPLATE, 1" C STUBBED INTO ACCESSIBLE SPACE, MOUNT 6" ABOVE BACKSPASH TO CENTER
MOTORS / MOTOR CONTROL / EQUIPMENT			
	DISCONNECT FURNISHED BY EC F = FUSIBLE		MANUAL STARTER
	NON-COMBINATION STARTER		MOTOR CONNECTION
	COMBINATION STARTER		MOTOR CONNECTION REQUIRING REMOTE STARTER/VRD
	SURFACE MOUNTED PANELBOARD		EQUIPMENT CONNECTION
	RECESSED PANELBOARD		SURFACE MOUNTED RACEWAY
FIRE ALARM / LIFE SAFETY			
	STROBE. MOUNT 84" AFF TO TOP OR 6" BELOW CEILING WHICHEVER IS LOWER		MAGNETIC DOOR HOLDER
	HORN/STROBE. MOUNT 84" AFF TO TOP OR 6" BELOW CEILING WHICHEVER IS LOWER		SPRINKLER FLOW SWITCH
	HORN (SOUNDER). MOUNT 84" AFF TO TOP OR 6" BELOW CEILING WHICHEVER IS LOWER		SPRINKLER TAMPER SWITCH
	PULL STATION. MOUNT 46" AFF TO CENTER		DOOR CHIME
	HEAT DETECTOR		FIRE ALARM CONTROL PANEL
	SMOKE DETECTOR		FIRE ALARM ANNUNCIATOR PANEL
	DUCT SMOKE DETECTOR		CARBON MONOXIDE DETECTOR
MISCELLANEOUS			
	CONDUIT STUB THROUGH WALL BUSHED EACH END		ITEMS AND/OR DEVICES CIRCUITED TOGETHER
	CONDUIT WITH BUSHING ON END		ITEMS AND/OR DEVICES CIRCUITED TOGETHER, BUT SWITCHED SEPARATELY
	ELECTRICAL HOMERUN, CIRCUIT AS SHOWN		RELAY CIRCUIT
	PNL-X SHARED ELECTRICAL HOMERUN WHEN WIRE TAG HAS () ASTERISK PRECEDING PANEL-CIRCUIT INFO		DETAIL OR SECTION NUMBER SHEET NUMBER
ABBREVIATIONS			
AC	ABOVE COUNTER	HC	HVAC CONTRACTOR
AFF	ABOVE FINISHED FLOOR	IG	ISOLATED GROUND
AFG	ABOVE FINISHED GRADE	IMP	INSULATED METAL PANEL
BZ	BUG ZAPPER	LCP	LIGHTING CONTROL PANEL
DISC	DISCONNECT	NL	NIGHT LIGHT
DW	DISHWASHER	NTS	NOT TO SCALE
EC	ELECTRICAL CONTRACTOR	OC	ON CENTER
ELEV	ELEVATION	PC	PLUMBING CONTRACTOR
EM	EMERGENCY	PNL	PANELBOARD
ETR	EXISTING TO REMAIN	REF	REFRIGERATOR
EWC	ELECTRIC WATER COOLER	UC	UNDER COUNTER
FF	FOOT FOAMER	3R	NEMA 3R
FPC	FIRE PROTECTION CONTRACTOR	4X	NEMA 4X
GC	GENERAL CONTRACTOR/CONSTRUCTION MANAGER	WT	WATER TIGHT
GDSF	GARBAGE DISPOSAL	XFMR	TRANSFORMER
GFI	GROUND FAULT CIRCUIT INTERRUPTER		
FIRE RATED WALLS			
	FIRE - 1 HOUR		FIRE - 3 HOUR
	FIRE - 2 HOUR		FIRE - 4 HOUR
SECURITY			
	DOOR CONTACT		CARD READER
	ELECTRIC STRIKE		CAMERA
COMMUNICATION			
	TELEPHONE OUTLET, 1" C STUB INTO ACCESSIBLE SPACE, MOUNT 18" AFF TO CENTER		CEILING MOUNTED SPEAKER
	DATA OUTLET, 1" C STUB INTO ACCESSIBLE SPACE, MOUNT 18" AFF TO CENTER X = NUMBER OF DATA DROPS PER BOX		WALL MOUNTED SPEAKER
	COMBINATION TELEPHONE/DATA, 1" C STUB INTO ACCESSIBLE SPACE, MOUNT 18" AFF TO CENTER		TELEVISION OUTLET MOUNT 18" AFF TO CENTER
	LOCAL VOLUME CONTROL		

GENERAL ELECTRICAL NOTES

- SEE ARCHITECTURAL REFLECTED CEILING AND ELEVATION PLANS FOR LOCATION OF ALL LIGHTING FIXTURES. LOCATE FIXTURES IN ACCORDANCE WITH CEILING AND ELEVATION PLANS.
- ONLINE DIAGRAMS AND RISER DIAGRAMS ARE A DIAGRAMMATIC REPRESENTATION TO AID THE CONTRACTOR IN UNDERSTANDING THE FUNCTION AND OPERATION OF THE SYSTEMS. E.C. SHALL REVIEW THE ONLINES, RISERS, AND FLOOR PLANS FOR THE EXACT QUANTITIES AND LOCATION OF ALL EQUIPMENT. E.C. SHALL FURNISH AND INSTALL ALL EQUIPMENT SHOWN ON ANY OR ALL OF THESE DIAGRAMS AND DRAWINGS. DETAILED WIRING DIAGRAMS SHOWING ACTUAL WIRING FOR THE SYSTEMS FURNISHED SHALL BE A PART OF THE SHOP DRAWING SUBMITTAL.
- DEVICE LOCATIONS MAY BE DISTORTED FOR CLARITY. LOCATE DEVICES SYMMETRICALLY WITH THE ARCHITECTURAL ELEMENTS.
- CONTRACTOR SHALL COORDINATE WITH THE OTHER TRADES TO VERIFY SPACES ARE CLEAR OF OBSTRUCTIONS. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITION AT ALL POINTS IN THE BUILDING. WHERE HEADROOM OR SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE INSTALLATION.
- FURNISH OTHER TRADES ADVANCE INFORMATION ON LOCATIONS AND SIZES OF PIPING, DUCTWORK, EQUIPMENT, FRAMES, BOXES, SLEEVE AND OPENINGS NEEDED FOR WORK. FURNISH INFORMATION AND SHOP DRAWINGS TO PERMIT TRADES AFFECTED TO INSTALL THEIR WORK PROPERLY AND WITHOUT DELAY.
- SEE HVAC AND PLUMBING PLANS FOR LOCATIONS OF HEATING, VENTILATING, AIR CONDITIONING AND PLUMBING EQUIPMENT. DO NOT REFERENCE ELECTRICAL DRAWINGS FOR EXACT LOCATION.
- SCHEDULE REQUIRED POWER, TELEPHONE, OR DATA OUTAGES IN OCCUPIED AREAS OF THE BUILDING WITH THE OWNER. CONTRACTOR SHALL WORK UNTIL SERVICE IS RESTORED. OUTAGE WORK SHALL BE DONE AFTER OR BEFORE NORMAL WORKING HOURS, ON WEEKENDS OR HOLIDAYS.

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	QTY	LAMP		MANUF. / MODEL	REMARKS
				TYPE	TOTAL WATTAGE		
C16	6" DOWNLIGHT (OFCL)	120	-	W/FIXTURE	16	NORA LIGHTING / NLBCB-651-30K-DW / NHC-6LMRAT	
EM1	WALL BATTERY EMERGENCY LIGHT WITH SELF-DIAGNOSTICS	120	-	W/FIXTURE	-	SURE-LITES / CC7NCS	(3)
ID4	4" LINEAR DIRECT/INDIRECT (OFCL)	120	1	LED	56	PEERLESS / LDXS-307-68-70-35K-FA-WM-AS-MV	(1)
L2	2X4 LAY-IN TROFFER - ACRYLIC LENS (OFCL)	120	1	LED	45	PEERLESS / PNLX-24G-45W-35K-MV	
P1	PENDANT MOUNT (OFCL)	120	1	100W INC.	100	CONTEMPORARY LIGHTING / E20419-09	(5)
R2	EXTERIOR REMOTE EMERGENCY HEAD (OFCL)	120	-	W/FIXTURE	-	EXTIRONIX / TRL-EM-BR-CL	
T1	4" TRACK AT EXPOSED CEILINGS (OFCL)	120	-	-	-	NORA LIGHTING / NR50-P04 / NR50-R39I / NR50-N17-7-1/2-11-1/2" / NR50-P81 / * / *	(4)(6)
T3	6" DIAMETER TRACK (OFCL)	120	-	-	-	NORA LIGHTING / NR50-P04 / NR50-N17-7-1/2-11-1/2" / NR50-P81 / * / *	(4)(8)
XE	COMBO SINGLE FACE EXIT W/REMOTE POWER EM HEADS - RED LETTERS (OFCL)	120	-	W/FIXTURE	2.8	SURELITE / APCH-7R	

- GENERAL NOTES**
- FIXTURE MODEL NUMBER MAY NOT REFLECT ALL MOUNTING HARDWARE. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY MOUNTING EQUIPMENT, LENSES, STEMS, SAFETY CHAINS, END PLATES, AND ALL OTHER HARDWARE NECESSARY FOR A COMPLETE FIXTURE INSTALLATION. SEE MOUNTING DETAILS WHEN APPLICABLE.
 - ALL LIGHTING FIXTURES ARE TO BE OWNER FURNISHED AND CONTRACTOR INSTALLED.
 - LIGHTING CONTROLS ARE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- REMARKS:**
- PROVIDE CABLE LENGTH TO MOUNT BOTTOM OF FIXTURE AT 8'-6" AFF.
 - NOT USED.
 - PROVIDE MINIMUM 12W LAMPHEADS FOR EMERGENCY LIGHTS.
 - PROVIDE MANUFACTURERS STANDARD LENGTHS OF TRACK TO MATCH LENGTHS SHOWN ON PLANS. PROVIDE ALL SUPPORTS, CONNECTORS AND POWER SUPPLIES FOR A COMPLETE AND WORKING SYSTEM. SEE REFLECTED CEILING PLAN.
 - PROVIDE CABLE LENGTH TO MOUNT BOTTOM OF PENDANT AT 7'-0" AFF.
 - TRACK MOUNTED AT 9'-0" CEILINGS SHALL HAVE 12" RIGID STANDOFFS. TRACK MOUNTED AT 10'-0" CEILINGS SHALL HAVE 24" RIGID STANDOFFS. TRACKS MOUNTED AT EXPOSED STRUCTURE SHALL HAVE RIGID STANDOFFS EXTENDED FROM STRUCTURE ABOVE TO MOUNT BOTTOM OF TRACK HEAD AT 7'-6". FIELD VERIFY LENGTH.
 - PROVIDE CHAIN TO HANG FIXTURES 9'-0" AFF TO BOTTOM OF FIXTURE.
 - CIRCULAR TRACK MOUNTED AT 9'-0" CEILINGS SHALL HAVE 7'-1/2" RIGID STANDOFFS. CIRCULAR TRACK MOUNTED AT 10'-0" CEILINGS SHALL HAVE 18" RIGID STANDOFFS. TRACKS MOUNTED AT EXPOSED STRUCTURE SHALL HAVE RIGID STANDOFFS EXTENDED FROM STRUCTURE ABOVE TO MOUNT BOTTOM OF TRACK HEAD AT 7'-6". FIELD VERIFY LENGTH.

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PROJECT INFORMATION

TENANT BUILD-OUT FOR:
PROFILE BY SANFORD
 1301 S. GILBERT ST., SUITE 2 • IOWA CITY, IA 52240

PROFESSIONAL SEAL

SHEET DATES
 SHEET ISSUE AUG. 27, 2019

REVISIONS

NO.	DESCRIPTION

JOB NUMBER
 1942920

SHEET NUMBER
E0.1

SHEET INDEX

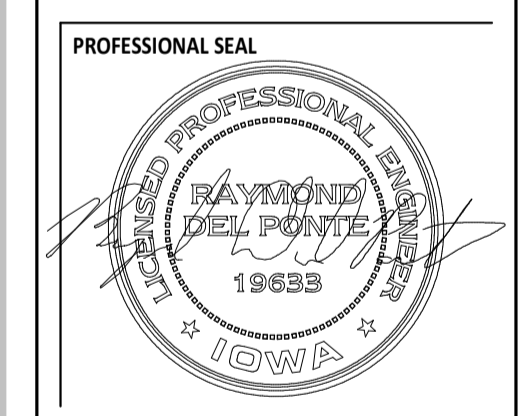
NUMBER	SHEET NAME
ELECTRICAL	
E0.1	SYMBOLS LEGEND & FIXTURE SCHEDULE
E0.2	SPECIFICATIONS
E1.1	FLOOR PLAN - ELECTRICAL
E4.0	ONLINE DIAGRAMS, SCHEDULES & DETAILS

SYMBOLS LEGEND & FIXTURE SCHEDULE

PROJECT INFORMATION

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SHEET DATES

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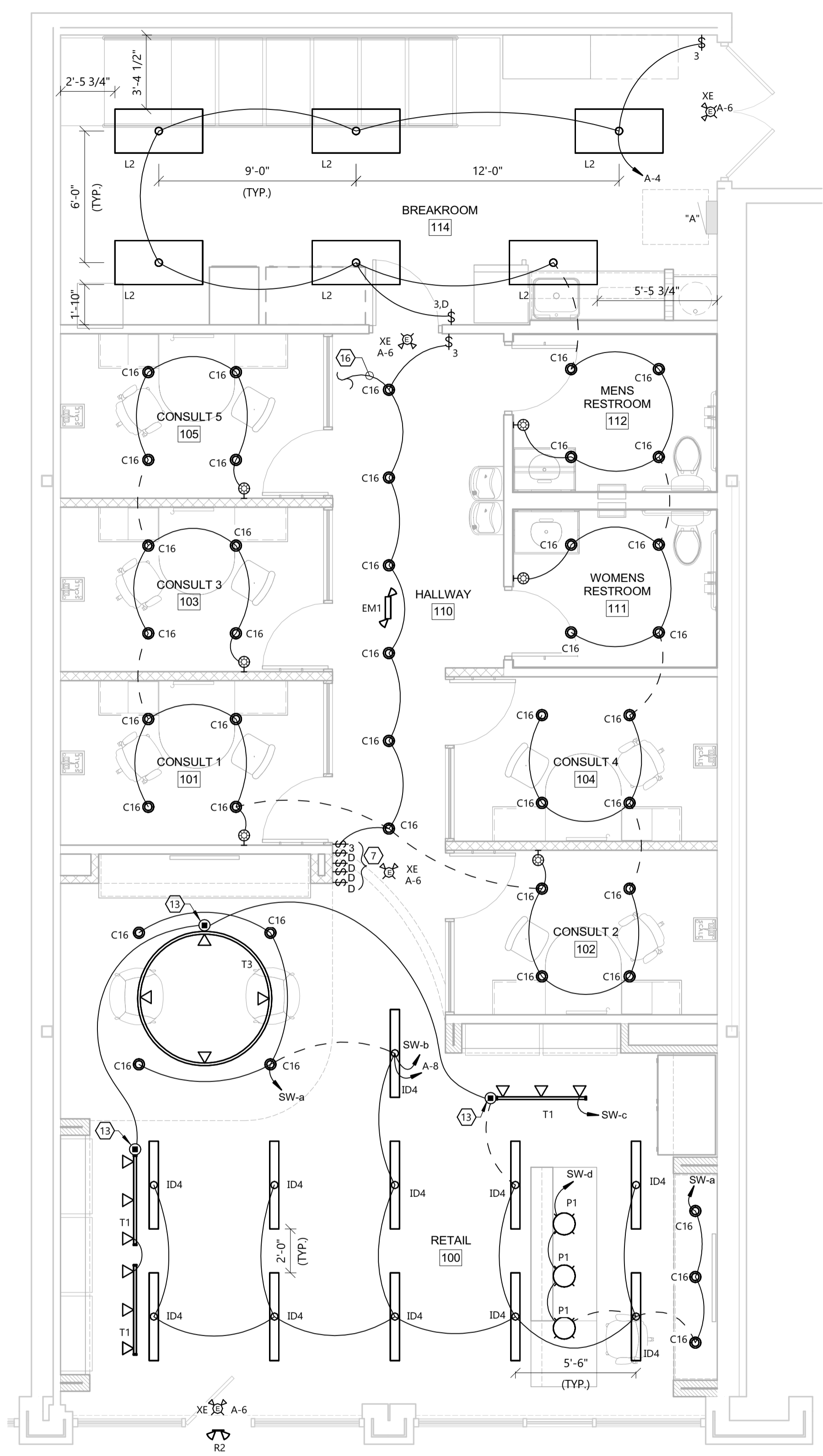
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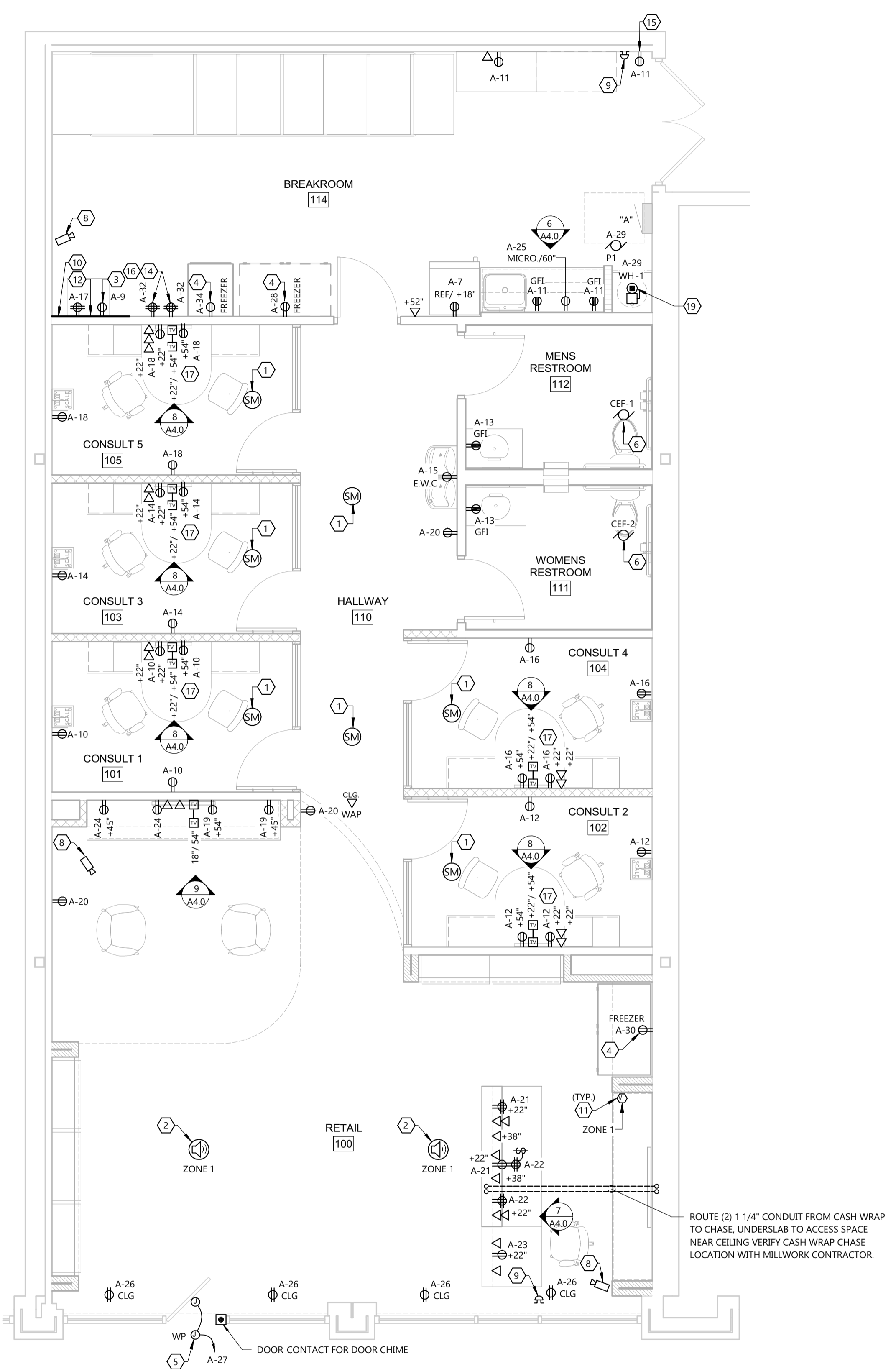
SHEET NUMBER
E1.1

- ### ELECTRICAL NOTES
- EXTERIOR RECEPTACLES SHALL BE GFCI TYPE. PROVIDE PASS & SEYMOUR SERIES "W.L.U.C." OR EQUIVALENT COVER. (PER NEC 406.8(B) AND AHJ) COLOR SHALL BE SELECTED BY ARCHITECT.
 - VERIFY OUTLET LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
 - ROUGH-IN RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) BEHIND UNIT. VERIFY LOCATION PRIOR TO ROUGH-IN.
 - PROVIDE GFCI PROTECTION FOR ALL SINGLE PHASE RECEPTACLES LOCATED IN THE FOLLOWING LOCATIONS: BATHROOMS, KITCHENS, ROOFS, SERVING WATER COOLERS & VENDING MACHINES, WHERE WITHIN 6'-0" OF A SINK, AND ALL OTHER WET LOCATIONS.
 - SEE SHEET E4.0 FOR BRANCH CIRCUIT FEEDER SIZES.
 - ALL CONDUITS TO ISLAND CABINETRY AND TABLES SHALL BE UNDERGROUND.
 - WIRE EMERGENCY LIGHTS UNSWITCHED TO LIGHTING CIRCUIT SERVING SAME ROOM, OR TO "NIGHT LIGHT" CIRCUIT WHEN AVAILABLE.
 - INSTALL A 1 1/4" CONDUIT FROM THE TV TO THE COMPUTER IN THE BASE CABINET AT ALL TV LOCATIONS TO ACCOMMODATE ADDITIONAL CABLING INSTALLED BY OWNER.
 - RUN ALL ELECTRICAL, DATA CABLING ETC. IN CONDUIT AT ALL EXPOSED CEILING LOCATIONS.
 - G.C. SHALL BE RESPONSIBLE FOR ACCEPTING DELIVERY, INVENTORY, UNLOADING AND PLACING OF LIGHT FIXTURES FURNISHED BY OWNER.
 - ELECTRICAL, DATA AND COMMUNICATIONS LOCATIONS ON THIS DRAWING ARE THE MINIMUM REQUIRED DROPS. ADDITIONAL DATA DROPS SHALL BE PROVIDED AS REQUIRED BY CODE. ALL ELECTRICAL, DATA AND COMMUNICATIONS SYSTEMS SHALL BE INSTALLED PER STATE AND LOCAL CODES.
 - ALL DATA CABLING SHALL BE PLENUM RATED CAT6 AND GRAY IN COLOR WITH ONE DATA CABLE RUN TO EACH LOCATION SHOWN. ELECTRICIAN SHALL BE RESPONSIBLE FOR ROUGH-IN, AND FOR PULLING CABLE TO ALL DATA LOCATIONS. OWNER WILL TERMINATE AND PATCH ALL DATA CONNECTIONS. CARE SHOULD BE TAKEN WHEN PULLING CABLE TO NOT DAMAGE ANY CABLE. ANY DATA LOCATION THAT DOES NOT PASS THE OWNERS DATA PORT TEST WILL NEED TO BE RE-PULLED BY THE CONTRACTOR.
 - INSTALL INTERMATIC TIME SWITCH ET1705C, 30 AMPS TO BE INSTALLED FOR EXTERIOR SIGNAGE.
 - ALL DATA CABLING SHALL HAVE A 10' SERVICE LOOP. CONTRACTOR SHALL LABEL EACH CABLE PULLED ON BOTH ENDS OF THE CABLE.
 - TELEVISION, TELEPHONE, DATA, AND COMBINATIN DATA/TELEPHONE OUTLETS: PROVIDE 4" SQUARE EXTRA DEEP BOX, AND SINGLE GANG RING. PROVIDE 1" CONDUIT FROM EACH BOX INTO AN ACCESSIBLE CEILING SPACE. IN ROOMS WITH NO ACCESSIBLE CEILING SPACE STUB CONDUIT TO DATA RACK LOCATION. TERMINATE CONDUIT WITH INSULATED CONNECTORS ON BOTH ENDS.
 - THE OWNER'S VENDOR WILL BE RESPONSIBLE FOR TERMINATING AND PATCHING ALL DATA CONNECTIONS. IF FINAL INSPECTION FROM THE LOCAL JURISDICTION DOES NOT ALLOW OPEN BOXES FOR FINAL INSPECTIONS, IT IS THIS EC'S RESPONSIBILITY TO INSTALL COVER PLATES ON ALL THE OPEN DATA BOXES IN ORDER TO PASS FINAL INSPECTION.

- ### ELECTRICAL KEYED NOTES:
- POWER TO THE SOUND MASKING SPEAKERS WILL BE PROVIDED BY DC ADAPTER(S) PLUGGED INTO (2) DOUBLE DUPLEX RECEPTACLES LOCATED IN DATA CLOSET. RECEPTACLES SHALL BE CONTROLLED BY HALLWAY LIGHT SWITCH THROUGH CONTACTOR (SEE KEYED NOTE 16). EC SHALL INSTALL THE OWNER FURNISHED SOUND MASKING SPEAKER, PROVIDE PLENUM RATED CABLES FROM THE SPEAKER TO THE DOUBLE DUPLEX RECEPTACLES IN THE DATA CLOSET AND SPLICE CONNECTIONS AT THE SPEAKER AND AT THE DATA CLOSET FOR THE ADAPTER. THE ADAPTER IS FURNISHED WITH THE SOUND MASKING SPEAKER FURNISHED BY THE OWNER. A SINGLE ADAPTER CAN POWER A MAXIMUM OF 3 SOUND MASKING SPEAKERS.
 - OWNER TO FURNISH A SOUND SYSTEM EQUAL TO JBL COMMERCIAL SERIES CSM-33 PUBLIC ADDRESS MIXER WITH CSA-2120 POWER AMPLIFIER, CSR-25V ZONE CONTROLLERS. THE EC IS RESPONSIBLE FOR INSTALLING OWNER FURNISHED SOUND SYSTEM SPEAKERS (CSS8018) AND BACK CANS. EC SHALL FURNISH AND INSTALL AND LABEL 18 AWG/2 WIRE, CONNECTED FROM AUDIO SPEAKERS TO DISCOVERY ROOM CABINET. SOUND SYSTEM SPEAKERS SHALL BE CENTERED IN LAY-IN CEILING PANELS OR SUSPENDED AT EXPOSED STRUCTURE CEILING AREAS AND AWAY FROM LIGHT FIXTURES, DIFFUSERS AND DUCTS. SEE A1.6, RCP FOR SPEAKER LOCATIONS.
 - EC SHALL FURNISH AND INSTALL NEMA 15-20R 20A 125V UL/CSA 1HP SINGLE RECEPTACLE. INSTALLATION OF RECEPTACLE SHALL BE COMPLETED BEFORE THEIR OWNER PROVIDED IT EQUIPMENT IS INSTALLED. COORDINATE WITH OWNER.
 - VERIFY POWER REQUIREMENTS WITH OWNERS EQUIPMENT SUPPLIER PRIOR TO ROUGH IN.
 - MAKE FINAL CONNECTION TO OWNER PROVIDED SIGNAGE. PROVIDE JUNCTION BOX(ES) AND ASSOCIATED 120V, 10, 20 AMP CIRCUIT FOR SIGNAGE. FIELD VERIFY EXACT ROUGH-IN LOCATION. PROVIDE INTERMATIC TIMESWITCH ET1705C FOR CONTROL. SEE EXTERIOR LIGHTING CONTROL DETAIL. COORDINATE WITH OWNER / LANDLORD.
 - CIRCUIT AND CONTROL EXHAUST FAN WITH LIGHTING CIRCUIT AND MOTION SENSOR CONTROLS THIS ROOM.
 - SWITCH/DIMMER BANK. SEE DETAIL 5/E4.0
 - IP CAMERAS FURNISHED AND INSTALLED BY OWNER. PLENUM RATED CAT 6 CABLING SHALL BE INSTALLED FROM CAMERA LOCATIONS TO DATA ROOM BY EC. EC SHALL PROVIDE CONDUIT FOR CAT6 WIRING AT ALL EXPOSED CEILING AREAS. VERIFY EXACT LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
 - EC TO PROVIDE DOOR CHIME HEATH ZENTH WIRELESS ENTRY ALERT CHIME SL-7352. PROVIDE ADDITIONAL DOOR CHIME IN BREAKROOM PER PLANS.
 - ELECTRICAL CONTRACTOR TO PROVIDE 4"x4" SHEET OF PAINTED PLYWOOD FOR OWNER PROVIDED DATA RACK. MOUNT PLYWOOD AT HEIGHT TO ALLOW FOR INSTALLATION OF WALL MOUNTED DATA RACK. BOTTOM OF DATA RACK SHALL MOUNTED AT 48" AFF.
 - EC IS RESPONSIBLE FOR ROUGHING IN AND PROVIDING ALL CABLING FOR THE VOLUME CONTROLLERS FOR THE CEILING SPEAKERS. EC SHALL PROVIDE (1) CAT6 CABLE FROM EACH VOLUME CONTROLLER TO DISCOVERY ROOM CABINET. THE OWNERS LOW VOLTAGE CONTRACTOR WILL FURNISH THE VOLUME CONTROLLERS. VOLUME CONTROLLERS SHALL BE MOUNTED ABOVE COUNTER FOR CEILING SPEAKERS. EC TO PROVIDE PROPER LABELING ON ALL SPEAKER AND CONTROL WIRES.
 - OWNER TO FURNISH AND INSTALL DATA RACK, COOPER B-LINE (V-LINE SERIES) MODEL NUMBER VLWM2425PB WITH POWER MANAGEMENT ACCESSORY SB30061015F8 10 OUTLET 15AMP SURGE PROTECTED POWER STRIP.
 - PROVIDE 1A CURRENT LIMITER
 - (2) DOUBLE DUPLEX RECEPTACLES FOR SOUND MASKING SPEAKERS ON DEDICATED CIRCUIT.
 - RECEPTACLE FOR BREAKROOM DOOR CHIME.
 - CONTROL SOUND MASKING DOUBLE DUPLEX RECEPTACLES IN DATA CLOSET WITH HALLWAY LIGHTS. PROVIDE CONTACTOR IN NEMA 1 ENCLOSURE IN DATA CLOSET.
 - RECEPTACLE AND TV BOX CENTERED BEHIND TV. SEE ELEVATION 8/A4.0 FOR CORRECT PLACEMENT OF BOXES, ELVATIONS LOCATIONS WILL TAKE PRECEDENCE OVER ELECTRICAL DRAWINGS.
 - PROVIDE POWER FROM SWITCHING RELAY TO PUMP. L.V. WIRING BY P.C. SEE WATER HEATER PIPING DETAIL ON P3.0. FOR MORE INFORMATION.
 - WATER HEATER. SEE SHEET A1.1-GENERAL NOTE, A1.2 FIXTURE PLAN AND A1.4.1 ELEVATION.



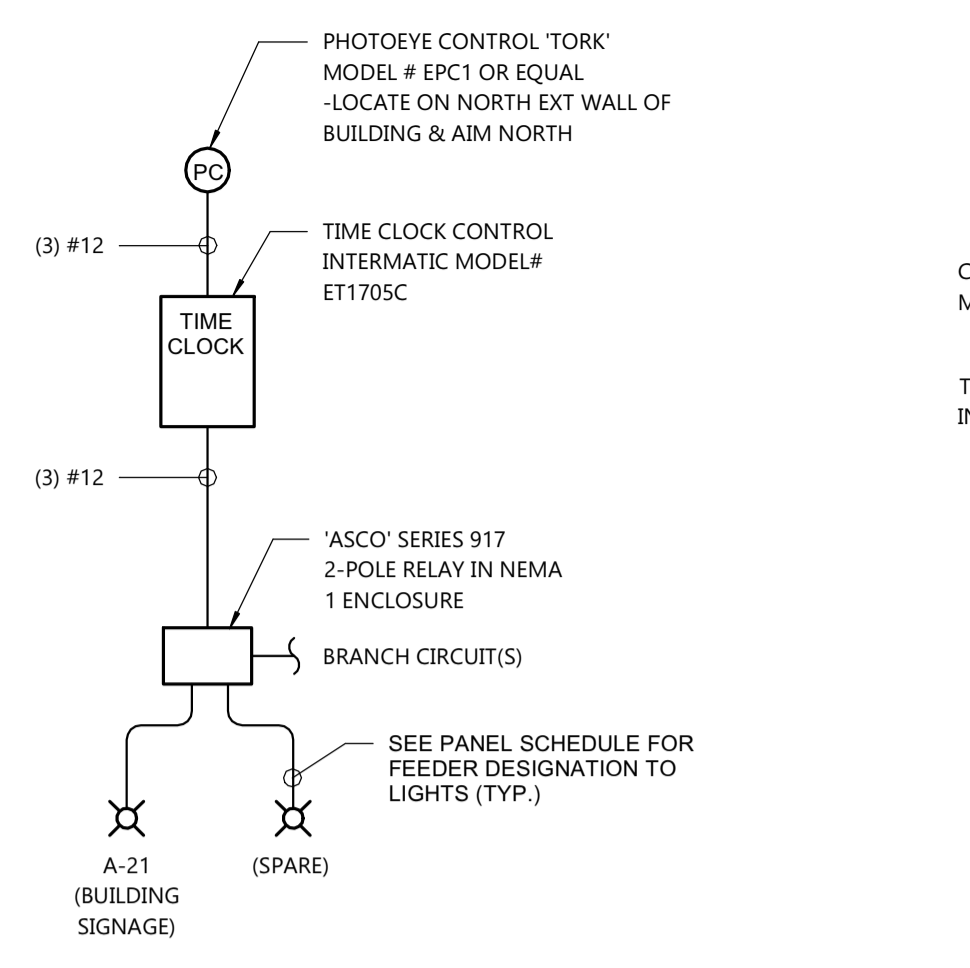
FIRST FLOOR PLAN - LIGHTING
 SCALE: 1/4" = 1'-0"
 NORTH



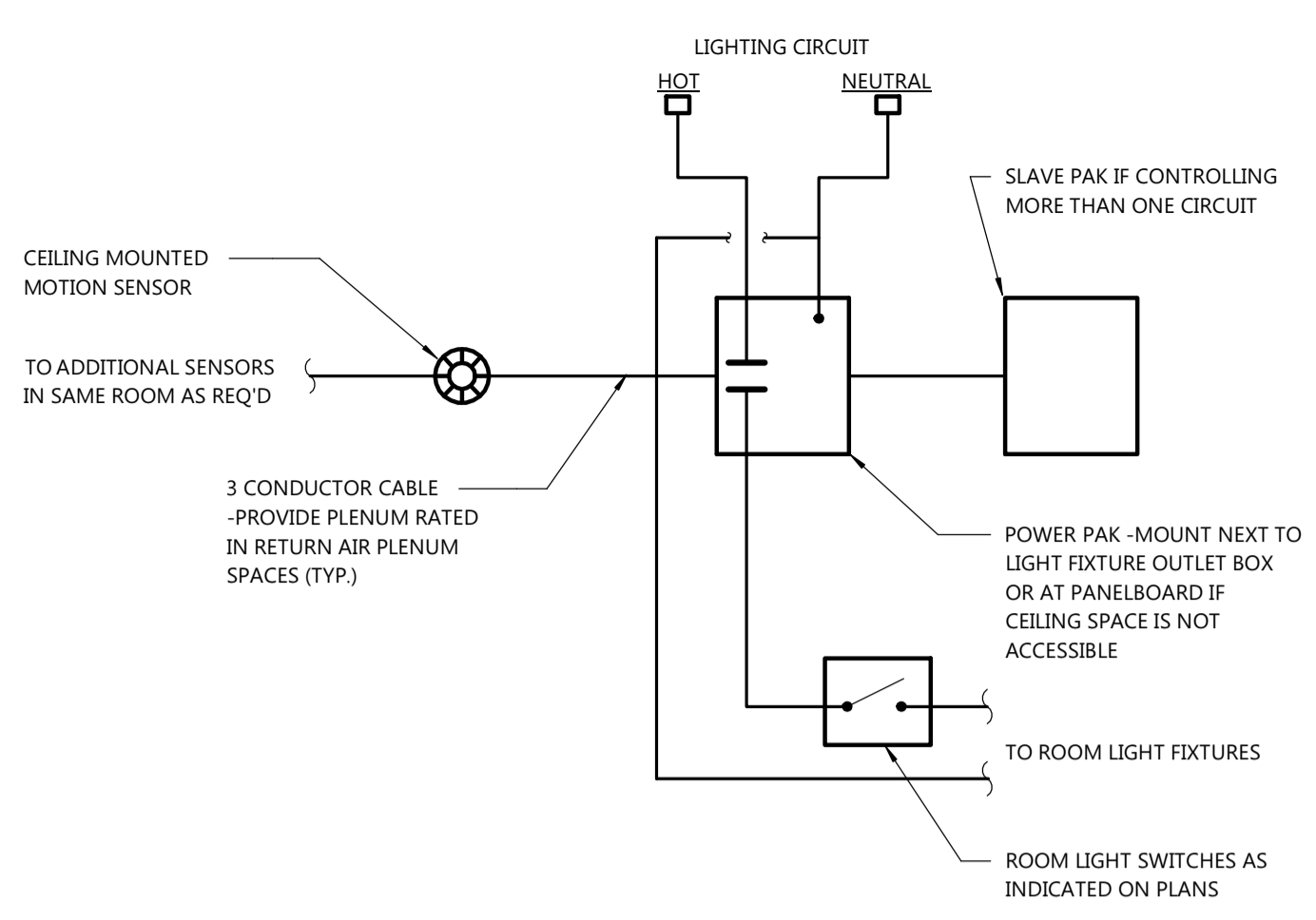
FIRST FLOOR PLAN - POWER
 SCALE: 1/4" = 1'-0"
 NORTH

COORDINATE LOCATION OF ALL EXPOSED CONDUIT WITH OWNER PRIOR TO INSTALLATION.

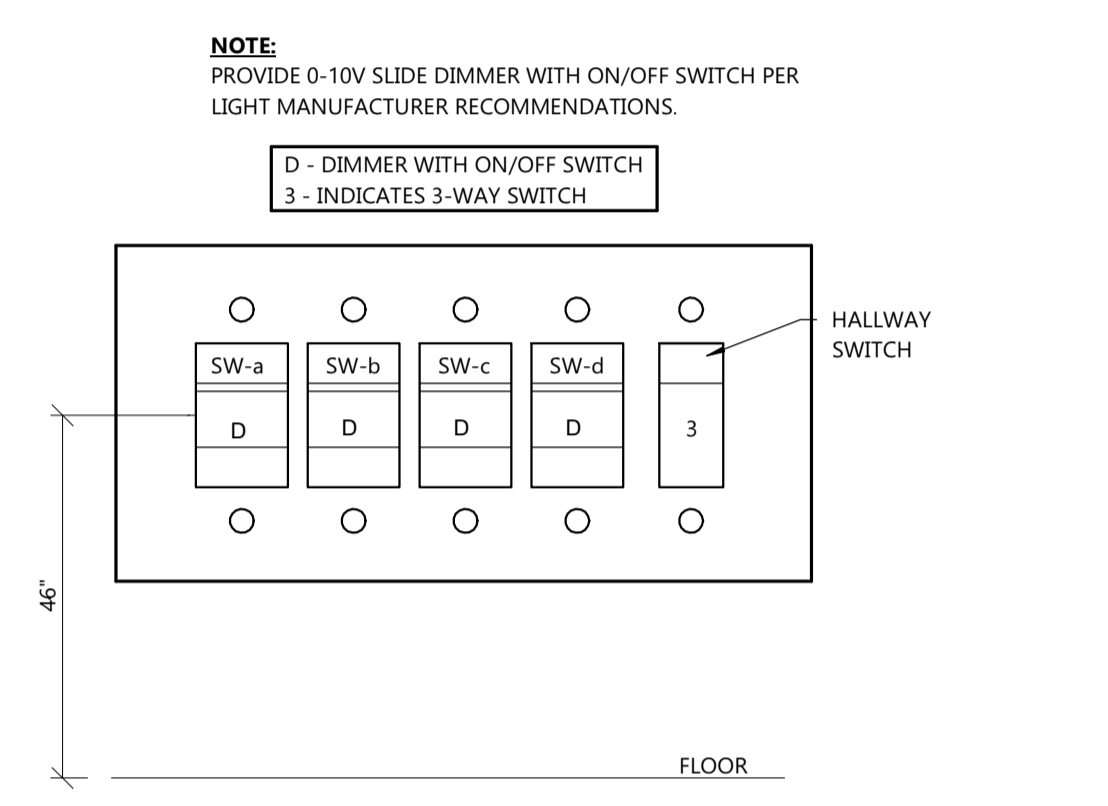
FLOOR PLAN - ELECTRICAL



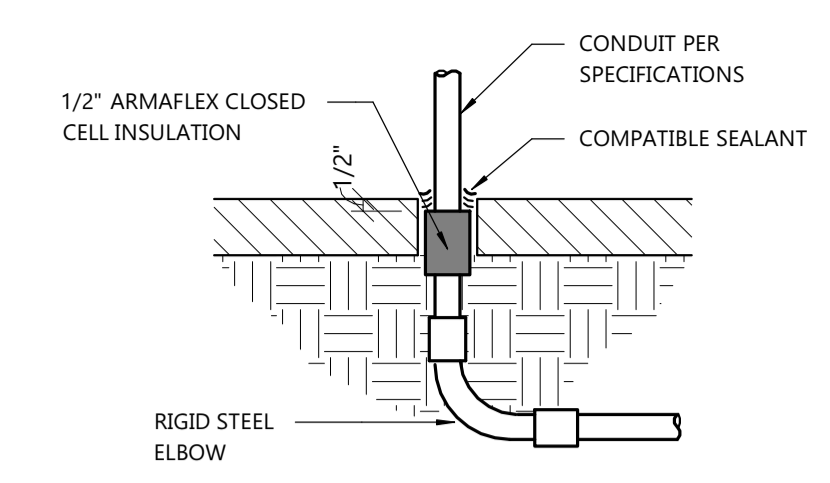
4 EXTERIOR LIGHTING CONTROL DETAIL
E4.0 NOT TO SCALE



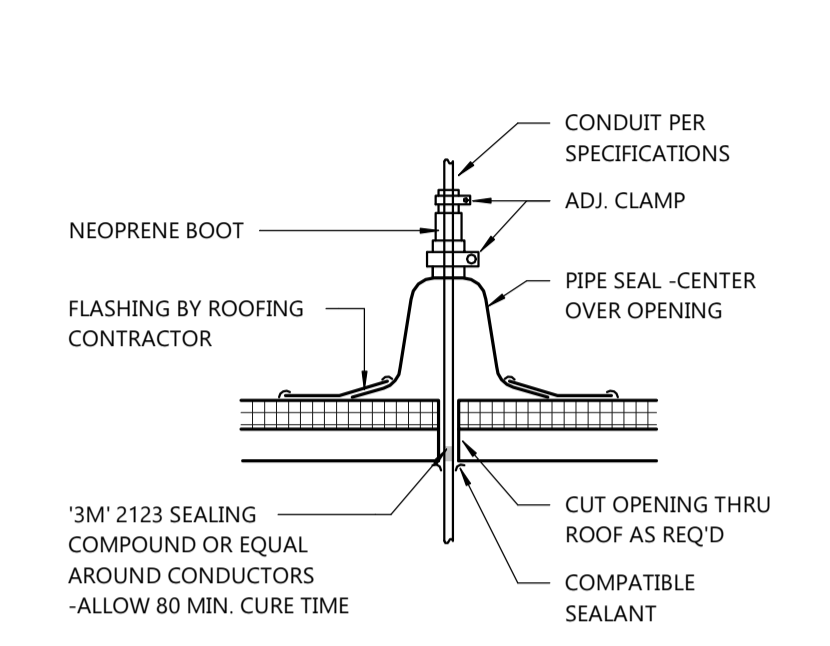
3 CEILING MOTION SENSOR DETAIL
E4.0 NOT TO SCALE



5 SWITCHBANK DETAIL
E4.0 NOT TO SCALE



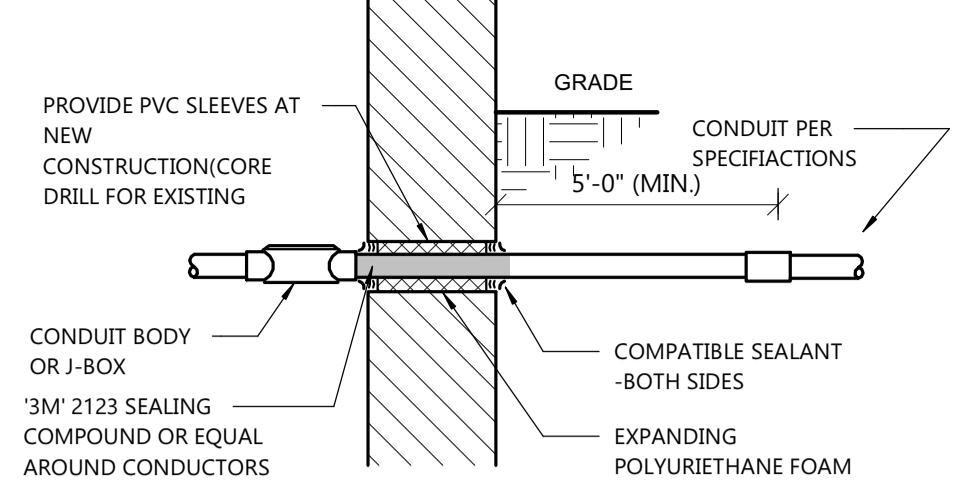
1/2 SLAB ON GRADE FLOORS



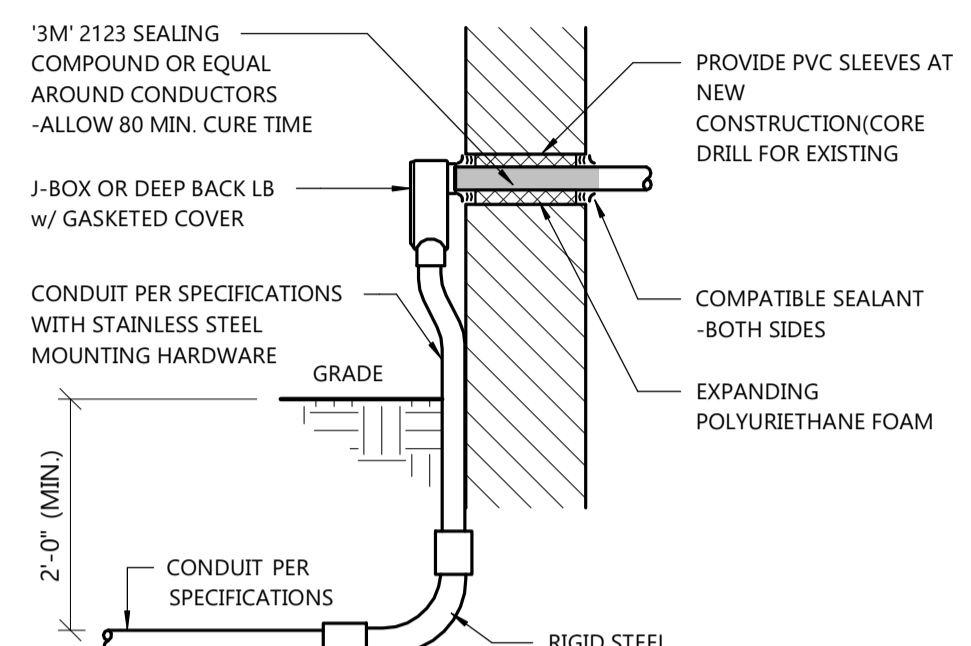
MEMBRANE ROOF

- NOTES:**
- SEE SPECIFICATIONS FOR CONDUIT MATERIAL BEYOND COUPLINGS.
 - SEE SPECIFICATIONS FOR INTERIOR WALL AND FLOOR PENETRATION REQ'S.

2 CONDUIT PENETRATION DETAILS
E4.0 NOT TO SCALE



BELOW GRADE WALLS



ABOVE GRADE WALLS

VALCOM

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Power Potencia Puissance	Red Black	Rojo Negro	Rouge Noir
--------------------------	-----------	------------	------------

Option / Opcion Connections / Conexiones / Connexions Volume / Volumen

V-9422

BACKBOX MEETS OR EXCEEDS THE FOLLOWING TESTS AND RATINGS:
A.S.T.M. E84 FLAME AND SMOKE TEST -- 3 HOUR BURN
UL 181
MADE IN USA

NOTE: SOUND MASKING SPEAKERS ARE OWNER FURNISHED AND INSTALLED.

PATENT APPLIED FOR Rev. 0

1 SOUND MASKING SPEAKER WIRING DIAGRAM
E4.0 NOT TO SCALE

BRANCH CIRCUIT FEEDER SCHEDULE			
AMP/POLE	CONDUCT.	GND. CONDUCT.	CON.
15A/1P OR 15A/2P	(2) #12	#12	1/2"
20A/1P OR 20A/2P	(2) #12	#12	1/2"
15A/3P OR 20A/3P	(3) #12	#12	1/2"
25A/1P OR 25A/2P	(2) #10	#10	3/4"
30A/1P OR 30A/2P	(2) #10	#10	3/4"
25A/3P OR 30A/3P	(3) #10	#10	3/4"
35A/1P OR 35A/2P	(2) #8	#10	3/4"
40A/1P OR 40A/2P	(2) #8	#10	3/4"
35A/3P OR 40A/3P	(3) #8	#10	3/4"
45A/1P OR 45A/2P	(2) #6	#10	1"
45A/3P OR 50A/3P	(3) #6	#10	1"
50A/1P OR 50A/2P	(2) #6	#10	1"
60A/1P OR 60A/2P	(2) #4	#8	1"
60A/3P	(3) #4	#8	1 1/4"
70A/3P OR 80A/3P	(3) #4	#8	1 1/4"
90A/3P	(3) #3	#8	1 1/4"
100A/3P OR 110A/3P	(3) #2	#6	1 1/2"
125A/3P	(3) #1	#6	1 1/2"

*PROVIDE BRANCH CIRCUIT FEEDERS AS NOTED ABOVE, UNLESS NOTED OTHERWISE.

3 WIRE FEEDERS						4 WIRE FEEDERS					
FEEDER DESIGNATION	CONDUIT SIZE(S)	CONDUCTORS & GROUNDING CONDUCTOR(S) SIZES	FEEDER DESIGNATION	CONDUIT SIZE(S)	CONDUCTORS & GROUNDING CONDUCTOR(S) SIZES						
20 - 3G	1/2"	(3) #12 & #12 GND	20 - 4G	1/2"	(4) #12 & #12 GND						
25 - 3G	3/4"	(3) #10 & #10 GND	25 - 4G	3/4"	(4) #10 & #10 GND						
30 - 3G	3/4"	(3) #10 & #10 GND	30 - 4G	3/4"	(4) #10 & #10 GND						
35 - 3G	3/4"	(3) #8 & #10 GND	35 - 4G	3/4"	(4) #8 & #10 GND						
40 - 3G	3/4"	(3) #8 & #10 GND	40 - 4G	3/4"	(4) #8 & #10 GND						
45 - 3G	3/4"	(3) #6 & #10 GND	45 - 4G	3/4"	(4) #6 & #10 GND						
50 - 3G	1"	(3) #6 & #10 GND	50 - 4G	1"	(4) #6 & #10 GND						
60 - 3G	1"	(3) #4 & #8 GND	60 - 4G	1-1/4"	(4) #4 & #8 GND						
70 - 3G	1"	(3) #4 & #8 GND	70 - 4G	1-1/4"	(4) #4 & #8 GND						
80 - 3G	1"	(3) #3 & #8 GND	80 - 4G	1-1/4"	(4) #3 & #8 GND						
90 - 3G	1-1/4"	(3) #2 & #8 GND	90 - 4G	1-1/4"	(4) #2 & #8 GND						
100 - 3G	1-1/4"	(3) #2 & #8 GND	100 - 4G	1-1/4"	(4) #2 & #8 GND						
110 - 3G	1-1/4"	(3) #1 & #6 GND	110 - 4G	1-1/2"	(4) #1 & #6 GND						
125 - 3G	1-1/4"	(3) #1 & #6 GND	125 - 4G	1-1/2"	(4) #1 & #6 GND						
150 - 3G	1-1/2"	(3) #1/0 & #6 GND	150 - 4G	2"	(4) #1/0 & #6 GND						
175 - 3G	2"	(3) #2/0 & #4 GND	175 - 4G	2"	(4) #2/0 & #4 GND						
200 - 3G	2"	(3) #3/0 & #2 GND	200 - 4G	2"	(4) #3/0 & #2 GND						

NOTE: Ground Conductor Size May Be Reduced Based On Overcurrent And/Or Ground Fault Protection Equipment (NEC 250)

NOTE: Conductor Sizes Listed Above Are For Copper. Aluminum With Equivalent or Greater Ampacity May Be Substituted For All Feeders 100A And Larger.

PANELBOARD: A

Location: BREAKROOM 114
Supply From: UTILITY
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: EXISTING
Mains Type: MCB
Mains Rating: 200A
MCB Rating: 200A

NOTES:

EXISTING PANELBOARD TO BE REUSED. PROVIDE NEW BREAKERS AS REQUIRED, BREAKERS SHALL BE OF SAME MANUFACTURER & TYPE AS EXISTING.

'G' SUFFIX DENOTES GFI TYPE BREAKER

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT				
1	MOTOR - EXISTING GF-1	20 A	1	180	180			1	20 A	RECEPTACLE - EXISTING WP/GFI ROOFTOP	2			
3	MOTOR - EXISTING CU-1	40 A	2			3328	974		1	20 A	LIGHTING - CONSULT 101-106 / RESTROOM J...	4		
5	--	--	--					3328	20	1	20 A	LIGHTING - EXIT / NIGHT LIGHTS	6	
7	RECEPTACLE - REFRIGERATOR	G	20 A	1	840	1182			1	20 A	LIGHTING - RETAIL	8		
9	RECEPTACLE - DATA RACK	20 A	1			180	720		1	20 A	RECEPTACLE - CONSULT 1	10		
11	RECEPTACLE - BREAK ROOM	20 A	1					720	720	1	20 A	RECEPTACLE - CONSULT 2	12	
13	RECEPTACLE - RESTROOMS	20 A	1	360	720				1	20 A	RECEPTACLE - CONSULT 3	14		
15	RECEPTACLE - EWC	20 A	1						1	20 A	RECEPTACLE - CONSULT 4	16		
17	RECEPTACLE - DATA ROOM	20 A	1			800	720		1	20 A	RECEPTACLE - CONSULT 5	18		
19	RECEPTACLE - RETAIL BUFFET	20 A	1	360	540				1	20 A	RECEPTACLE - RETAIL / HALLWAY	20		
21	RECEPTACLE - CASH WRAP	20 A	1			540	720		1	20 A	RECEPTACLE - CASH WRAP	22		
23	RECEPTACLE - CASH WRAP	20 A	1					180	360	1	20 A	RECEPTACLE - RETAIL BUFFET	24	
25	RECEPTACLE - MICROWAVE	G	20 A	1	180	720			1	20 A	RECEPTACLE - WINDOW DISPLAY	26		
27	OTHER - SIGNAGE	20 A	1			0	1440		1	20 A	RECEPTACLE - BREAKROOM FREEZER	28		
29	MISC - WH-1	20 A	1					1530	1440	1	20 A	RECEPTACLE - RETAIL FREEZER	30	
31	SPARE	--	20 A	1	0	720			1	20 A	RECEPTACLE - SOUND MASKING SPEAKERS	32		
33	SPARE	--	20 A	1			0	900		1	20 A	RECEPTACLE - BREAKROOM FREEZER	34	
35	SPARE	--	20 A	1				0	0	--	--	SPACE	36	
37	SPARE	--	20 A	1	0	0			--	--	--	SPACE	38	
39	SPARE	--	--	--			0	0	--	--	--	SPACE	40	
41	SPACE	--	--	--					0	0	--	--	SPACE	42
				Total Load:	5982 VA	10322 VA	9378 VA							
				Total Amps:	50 A	90 A	83 A							

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	2016 VA	125.00%	2520 VA	
Motor	6846 VA	124.31%	8510 VA	Total Conn. Load: 25682 VA
Other	1500 VA	100.00%	1500 VA	Total Est. Demand: 25190 VA
Receptacle	15320 VA	82.64%	12660 VA	Total Conn.: 71 A
				Total Est. Demand: 70 A

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PROJECT INFORMATION

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PROFILE BY SANFORD
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PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE AUG. 27, 2019

REVISIONS

JOB NUMBER

1942920

SHEET NUMBER

E4.0

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