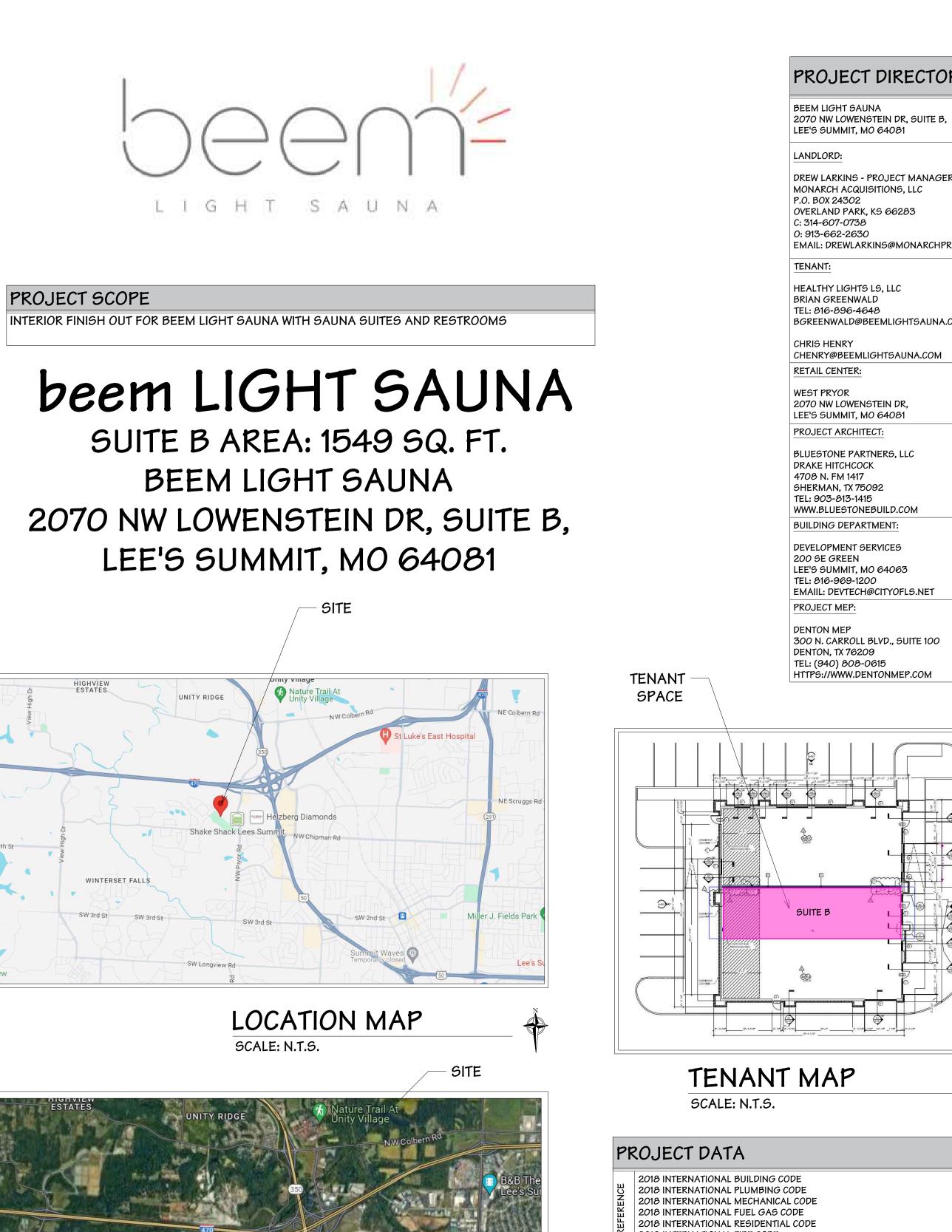
1.	GENERAL CONTRACTOR (G.C.) SHALL FIELD VERIFY ALL DIMENSIONS AND COLUMN LOCATIONS AT THE JOBSITE, AND BE RESPONSIBLE FOR THE PROPER FITTING OF WORK THERETO. REPORT ANY DISCREPANCIES TO THE ARCHITECT AND TO THE TENANT/FRANCHISEE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2.	WORK SHALL CONFORM TO APPLICABLE LOCAL CODES AND TO LANDLORD'S REQUIREMENTS INCLUDING TENANT'S EXECUTED LEASE AND CONSTRUCTION EXHIBITS. LANDLORD APPROVED TENANT CONSTRUCTION DRAWINGS MUST REMAIN ON-SITE DURING CONSTRUCTION.
3.	PRIOR TO COMMENCEMENT OF ANY DEMOLITION, LOCATE, PROTECT AND PRESERVE ALI LANDLORD'S EXISTING SYSTEMS WITHIN THE SPACE.
4.	G.C. SHALL SECURE AND PAY FOR ALL PERMITS, TEMPORARY UTILITIES, AND CARRY LIABILITY INSURANCE AS REQUIRED BY THE FRANCHISEE & L.L.
5.	THE CONTRACT FOR CONSTRUCTION SHALL BE BETWEEN THE G.C. AND THE TENANT/FRANCHISEE.
6.	CHANGE ORDERS, IF ANY, SHALL BE WRITTEN AND AGREED TO BY THE G.C., THE TENANT/FRANCHISEE, AND THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY CHANGES IN THE WORK.
7.	PRIOR TO START OF CONSTRUCTION, G.C. SHALL CONDUCT A PRE-CONSTRUCTION MEETING WITH LANDLORD'S ON-SITE REPRESENTATIVE AND SUPPLY ALL REQUIRED PRE-CONSTRUCTION DOCUMENTS. (COPY OF BUILDING PERMIT, CERTIFICATE OF INSURANCE, CONTRACTOR'S LICENSE CONSTRUCTION SCHEDULE AND SUBCONTRACTOR LIST).
8.	DEMISING WALLS: MAINTAIN 1 HOUR RATING. PROVIDE 5/8" FIRE RATED GYPSUM BOARD AS NECESSARY. SEAL TO DECK. FIRE WALLS/DEMISING WALLS 6" METAL STUDS TO DECK.
9.	TYPICAL INTERIOR PARTITIONS SHALL BE 22 GA., 3-5/8", METAL STUDS TO ABOVE CEILING AT 16 O.C. WITH BRACING TO STRUCTURE AT 48" O.C. MAX. AS REQUIRED. PROVIDE 5/8" GYPSUM BOARD EACH SIDE.
10.	SUSPEND ALL STRUCTURAL ITEMS, WALLS AND WALL FURRDOWNS, FROM TOP CHORD OF EXISTING ROOF BAR JOIST OR OVER PANEL POINTS AT BOTTOM CHORDS. DO NOT SUSPEND ANY ITEMS FROM CEILING GRID OR METAL ROOF DECK.
11.	SLAB: EXISTING SLAB TO REMAIN. GC TO FILL IN EXISTING SLAB LEAVE-OUT ACCORDING TO LL SPECIFICATIONS.
12.	ANY NEW WORK IS BY TENANT'S G.C.
13.	NO COMBUSTIBLE MATERIALS ARE PERMITTED ABOVE CEILINGS.
14.	SPRINKLER SYSTEM: RE-USE EXISTING SPRINKLER HEADS TO THE GREATEST EXTENT POSSIBLE RE-WORK EXISTING HEADS IF/AS NEEDED FOR NEW CEILINGS. LANDLORD REQUIRES ALL PENDANT TYPE HEADS TO BE REPLACED WITH FULLY CONCEALED TYPE HEADS IN PUBLIC VIEW AREAS.
15.	THE SUBSTRATE FOR TOPS ON ALL CABINETWORK SHALL BE A WATER RESISTANT PRODUCT.
16.	G.C. SHALL SUBMIT SHOP DRAWINGS TO THE FRANCHISEE AND TO THE ARCHITECT FOR REVIEWS AND APPROVALS PRIOR TO FABRICATION OF ALL CABINETWORK AND SIGNAGE. SUBMIT SIGNAGE SHOP DRAWINGS TO THE LANDLORD PRIOR TO THE FABRICATION OF SIGNAGE.
17.	G.C. SHALL PROVIDE TO FRANCHISEE AND TO LANDLORD A MINIMUM ONE-YEAR WARRANTY NAMING BOTH FRANCHISEE AND LANDLORD, AGAINST DEFECTS IN WORKMANSHIP, MATERIALS AND EQUIPMENT.
18.	PRIOR TO THE ANTICIPATED SHIPPING DATE, G.C. SHALL VERIFY WITH THE FRANCHISEE THE NAME AND PHONE NUMBER OF THE TRUCKING COMPANY WHICH WILL DELIVER EQUIPMENT FROM THE EQUIPMENT SUPPLIER INTO THE SPACE.
19.	G.C. SHALL PROVIDE TO THE FRANCHISEE AS-BUILT DRAWINGS FOR THE PLUMBING SYSTEM INCLUDING ANY AND ALL MODIFICATIONS TO THE DRAWINGS.
20.	G.C. SHALL OBTAIN ALL REQUIRED INSPECTIONS, AND SECURE ALL OFFICIAL APPROVALS OF WORK PERFORMED. THE CONTRACTOR SHALL SUBMIT ALL CERTIFICATES OF INSPECTION AND CERTIFICATE OF OCCUPANCY TO THE FRANCHISEE UPON COMPLETION OF THE WORK.
21.	PROPERLY SEAL ALL FLOORS, WALLS AND CEILINGS AROUND DUCTS, PIPES AND CABLES TO PREVENT VERMIN HARBORAGE. SEAL ALL GAPS, CRACKS, JOINTS AND OPENINGS GREATER THAN 1/4" WIDE WITH PRINTABLE CAULK. USE BACKER ROD BEHIND CAULK WHERE JOINTS EXCEED 1/4". PAINT TO MATCH ADJOINING SURFACES. SEAL ALL FLOOR-MOUNTED EQUIPMENT TO FLOOR UNLESS EQUIPMENT IS MOUNTED ON LEGS AT LEAST 6" HIGH.
22.	ALL PAINTED WOOD SHALL BE PAINT GRADE BIRCH OR COMPARABLE.
23.	G.C. SHALL BE RESPONSIBLE FOR ALL FINISH WORK UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ALL PAINTING REQUIRED SHALL BE THREE-COAT SEMI-GLOSS ENAMEL UNLESS OTHERWISE INDICATED IN THE DRAWINGS. FOLLOWING THE INSTALLATION OF CONTRACTOR SUPPLIED CABINETS, THE CONTRACTOR SHALL PROVIDE FACINGS AND COVERINGS INDICATED.
24.	AT THE COMPLETION OF THE WORK, G.C. SHALL FURNISH TO THE ARCHITECT, ONE SET OF BLUELINES MARKED IN RED WHERE CHANGES WERE MADE TO THE DRAWINGS, WHERE SUGGESTIONS OR COMMENTS MIGHT HAVE IMPROVED OR CLARIFIED THE DOCUMENTS, OR WHERE FUTURE DETAILS ON FUTURE SETS OF DOCUMENTS COULD BE IMPROVED. THESE ARE FOR THE ARCHITECT'S ON-GOING DOCUMENT QUALITY ENHANCEMENT PROGRAM.
25.	PROVIDE MINIMUM OF ONE, MAXIMUM OF TWO (2A RATING) FIRE EXTINGUISHER(5), TO COMPLY WITH REQUIREMENTS OF 1) NFPA 10, 2015 EDITION, 2) THE LOCAL FIRE DEPARTMENT, AND 3) THE LANDLORD'S INSURANCE COMPANY.





- 2018 INTERNATIONAL FIRE CODE
- 2017 NATIONAL ELECTRICAL CODE ICC/ANSI A117.1-2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
- BUSINESS USE GROUP "B"
- GROSS FLOOR AREA: 1,549 S.F.
- CONSTRUCTION TYPE: 5-B NON SPRINKLED
- SPRINKLED: YES FIRE ALARM: VIF (TBD)
- 1-HOUR PROTECTED: YES NUMBER OF STORIES: 1
- CALCULATED LOAD FOR BUILDING OCCUPANCY: 15

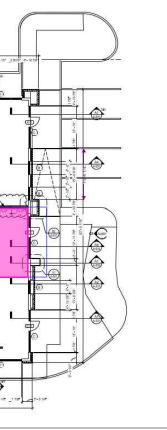
VICINITY MAP SCALE: N.T.S.

IRECTORY	
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DREW LARKINS - PROJECT MANAGER

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BGREENWALD@BEEMLIGHTSAUNA.COM



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OCCUPANCY CALCULATIONS

CLASSIFICATION	OCCUPANT LOAD (S.F./OCC.)	5Q. FT.	CALCULATED OCCUPANTS	
MERCANTILE	60	151	3	
MERCANTILE	60	100	2	
BUSINESS	150	60	1	
BUSINESS	150	60	1	
BUSINESS	150	60	1	
BUSINESS	150	57	1	
BUSINESS	150	57	1	
BUSINESS	150	86	1	
BUSINESS	150	117	1	
BUSINESS	150	57	1	
BUSINESS	150	70	1	
N/A	N/A	43	N/A	
N/A	N/A	73	N/A	
STORAGE	300	122	1	
N/A	N/A	234	N/A	
TOTAL BUILDING OCCUPANTS				
	MERCANTILE MERCANTILE BUSINESS BUSINESS BUSINESS BUSINESS BUSINESS BUSINESS BUSINESS BUSINESS BUSINESS AN/A N/A N/A STORAGE N/A	CLASSIFICATIONLOAD (S.F./OCC.)MERCANTILE60MERCANTILE60BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150BUSINESS150STORAGE300N/AN/A	CLASSIFICATIONLOAD (S.F./OCC.)SQ. FT.MERCANTILE60151MERCANTILE60100BUSINESS15060BUSINESS15060BUSINESS15060BUSINESS15060BUSINESS15060BUSINESS15057BUSINESS15086BUSINESS15057BUSINESS15057BUSINESS15057BUSINESS15057BUSINESS15057BUSINESS15070N/AN/A43N/AN/A73STORAGE300122N/AN/A234	

PLUMBING CALCULATIONS				
OCCUPANCY	REQUIRED WATER CLOSETS (TOILETS)	PROVIDED WATER CLOSETS (TOILETS)	REQUIRED LAVATORIES (SINKS)	PROVIDED LAVATORIE (SINKS)
BUSINESS GROUP 'B'	1 PER 25 FOR THE FIRST 50, AND 1 PER 50 FOR REMAINDER EXCEEDING 50	1 PER 8 (MALE) 1 PER 8 (FEMALE)	1 PER 40 FOR FIRST 80, 1 PER 80 FOR REMINDER EXCEEDING 80	1 PER 15
DRINKING FOUI	NTAINS: PER 2018 IPC S	ECTION 403	REQUIRED: 1 PER 100	Provided: Per 15
SERVICE SINK:			REQUIRED: 1	PROVIDED:



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No.	DATE	NOTE	
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		May 22,	202

Cover Sheet

Sheet: G-001

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	1.0 GENERAL DEFINITIONS 1.1 "PROVIDE" AND "FURNISH" SHALL MEAN TO PURCHASE AND LOCATE AN ITEM ON THE JOBSITE.	19.1 ATTACHMENT OF BUILDING SYSTEMS TO SLAB: THE METHOD OF ATTACHMENT OF TENANT WORK TO THE BASE BUILDING STRUCTURE WILL BE IN ACCORDANCE WITH STANDARDS REQUIRED BY THE LANDLORD. THE T.G.C. WILL CONSULT THE LANDLORD IN THOSE MATTERS PRIOR TO ATTACHMENT OF SYSTEMS.	PRODUCT DESIGNATIONS: WHEN REFERENCE IS MADE TO
	 1.2 "INSTALL" SHALL MEAN TO PHYSICALLY INSTALL THE ITEM, AND TO CONNECT ALL REQUIRED SERVICES TO MAKE THAT ITEM FULLY FUNCTIONAL. 1.3 A.F.F. SHALL MEAN "ABOVE FINISHED FLOOR". 	19.2 PLACEMENT OF EQUIPMENT ON ROOF: THE T.G.C. SHALL RESTRICT THE LOCATION OF ALL MECHANICAL EQUIPMENT ON THE ROOF TO MEET LOCAL CODE AND LANDLORD REQUIREMENTS. ANY CHANGES RELATED TO THE MOVING OF EQUIPMENT BECAUSE OF CODE VIOLATIONS OR IF PLACEMENT DOES NOT MEET MANUFACTURER'S REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE T.G.C.	ARE MADE SOLELY TO DESIGN AND ARE INTENDED TO RESTR STATED OTHERWISE. IF THE C MENTIONED IN THE SPECIFICA ADEQUATE INFORMATION REC
	1.4 UNLESS SPECIFICALLY NOTED OTHERWISE, ALL ITEMS SHALL BE FURNISHED AND INSTALLED BY THE G.C.	19.3 ROOFING WORK: IT IS THE RESPONSIBILITY OF THE T.G.C. TO DETERMINE IF THE ROOF IS A BONDED ROOF. IF THE ROOF IS BONDED, THE T.G.C. SHALL BE RESPONSIBLE FOR COORDINATING ALL ROOFING WORK WITH	CONSIDERATION. REVIEW OF CONTRACT DOCUM
	1.5 "T.G.C." SHALL MAN THE TENANT GENERAL CONTRACTOR. 1.6 THE TERM "OWNER" OR "FRANCHISEE" SHALL BE SYNONYMOUS.	LANDLORD'S DESIGNATED ROOFING CONTRACTOR. ANY ROOFING COSTS ASSOCIATED WITH THE PROJECT SHALL BE INCLUDED IN THE T.G.C.'S BID. THE ROOFING CONTRACTOR SHALL WARRANT ALL WORK PER THEIR STANDARD TERM AND CONDITIONS TO THE LANDLORD. THE ROOFING CONTRACTOR SHALL WARRANT ALL	BEFORE ORDERING ANY MATE MEASUREMENTS AND SHALL
	2.0 INSURANCE	ROOF WORK TO THE OWNER FOR A PERIOD OF ONE (1) YEAR FROM THE CERTIFICATE OF OCCUPANCY DATE. ANY WARRANTY PROBLEMS ASSOCIATED WITH THE ROOF SHALL BE COORDINATED THROUGH THE T.G.C.	COMPENSATION WILL BE ALLO MEASUREMENTS AND THOSE SHALL BE SUBMITTED TO THE
	PER CONTRACTUAL AGREEMENT BETWEEN OWNER & GENERAL CONTRACTOR. 3.0 PROGRESS PAYMENTS	20.0 WEATHER PROTECTION THE CONSTRUCTION SITE SHALL BE MAINTAINED IN A WEATHERPROOF CONDITION AT ALL TIMES. ANY	APPLIES TO ALL ASPECTS OF FURNISHED BY OWNER OR CO
	PER CONTRACTUAL AGREEMENT BETWEEN OWNER & GENERAL CONTRACTOR.	WEATHER DAMAGE TO THE PROJECT WORK, BUILDING, CONSTRUCTION MATERIALS OR EQUIPMENT FROM WEATHER DURING THE CONSTRUCTION PROCESS SHALL BE THE SOLE RESPONSIBILITY OF THE T.G.C.	PERMIT FEES AND NOTICES: UNLESS OTHERWISE PROVIDE FOR THE REMOVAL, RELOCATIO
	4.0 SUBCONTRACTOR APPROVAL THE OWNER RETAINS THE RIGHT TO REJECT THE USE OF ANY SUBCONTRACTOR FOR ANY REASON. THE T.G.C.	21.0 COORDINATION OF MATERIAL/EQUIPMENT DELIVERY PER CONTRACTUAL AGREEMENT BETWEEN OWNER AND GENERAL CONTRACTOR.	WATER, NATURAL GAS AND S UTILITIES.
	SHALL EMPLOY SUBCONTRACTORS WHO ARE LICENSED IN THE STATE WHERE THE JOB IS LOCATED. THE T.G.C. SHALL ASSUME FULL RESPONSIBILITY TO INSURE THE VALIDITY OF ANY LICENSING INFORMATION AND INSURANCE COVERAGE INFORMATION GIVEN BY HIS SUBCONTRACTORS PRIOR TO THE AWARD OF THE	22.0 RECEIPT OF MATERIAL/EQUIPMENT	SUBCONTRACTOR RELATIONS: THE CONTRACTOR SHALL INCL
	CONTRACT. THE T.G.C. SHALL SUBMIT TO THE OWNER, PRIOR TO RECEIVING FINAL RETAINAGE, A LIST OF THE SUBCONTRACTORS WHO WERE EMPLOYED ON THE PROJECT. LIST SHALL INCLUDE COMPANY NAME, STATE LICENSE NUMBER, ADDRESS, PHONE NUMBER AND COPY OF SUBCONTRACTOR'S INSURANCE CERTIFICATE NAMING ALL AS AN ADDITIONAL INSURED.	IT IS THE T.G.C. RESPONSIBILITY TO RECEIVE AND SIGN FOR ALL MATERIAL/EQUIPMENT FOR THE PROJECT AND PROJECT TEAM MEMBERS. UNDER NO CIRCUMSTANCES SHALL ANY SHIPMENT BE REFUSED FOR ANY REASON OTHER THAN DAMAGE, WHICH OCCURRED TO THE MATERIAL/EQUIPMENT DURING SHIPPING (CONTACT OWNER IMMEDIATELY IF DAMAGE HAS OCCURRED). THE T.G.C. SHALL BE HELD ACCOUNTABLE TO CONFIRM THE ITEMS ON THE BILL OF LADING WHERE PRESENT IN THE SHIPMENT. ANY DISCREPANCIES	CONTRACT BETWEEN THE GEN REPRESENTS THAT HE HAS M SPECIAL FIELD THAN DO GENI CONTRACTOR AS EARLY IN TH CONTRACTOR/SUBCONTRACTO
	5.0 COORDINATE OF TRADES IT WILL BE THE T.G.C.'S RESPONSIBILITY TO COORDINATE THE ACTIVITIES OF ALL CONSTRUCTION TEAM MEMBERS. THE TEAM INCLUDES, BUT IS NOT LIMITED TO, ALL SUBCONTRACTORS, SPECIALTY CONTRACTORS, EQUIPMENT SUPPLIERS, SERVICE PROVIDERS, LOCAL CODE ENFORCEMENT OFFICIALS, AND JOB VALIDATION	SHALL BEE NOTED AT THE TIME OF RECEIPT. ANY HEAVY EQUIPMENT RENTAL (I.E. FORKLIFTS, CRANES, ECT.) REQUIRED TO OFF-LOAD AN INCOMING TRUCK AND PLACE EQUIPMENT IN THE SECURED STORAGE AREA SHALL BE THE RESPONSIBILITY OF THE T.G.C. THE T.G.C. SHALL PAY FOR ANY CHARGES INCURRED BECAUSE SHIPMENTS ARE REFUSED.	ANY WORK REQUIRED BY THE DOCUMENTS WHICH VIOLATES THE CONTRACTOR SHALL IN TI
	INSPECTORS. THE T.G.C. SHALL PUBLISH WITHIN FORTY-EIGHT (48) HOURS OF THE CONTRACT BEING SIGNED. A JOB CONTACT LIST AND CONSTRUCTION SCHEDULE FOR THE PROJECT: THE COPY OF THE CONTACT LIST AND CONSTRUCTION SCHEDULE SHALL BE FAXED TO ALL OF THE CONSTRUCTION TEAM	23.0 EQUIPMENT STORAGE	
	MEMBERS. 6.0 PROJECT COMPLETION AND VALIDATION	THE T.G.C. SHALL PROVIDE A STORAGE AREA THAT IS SECURED FROM THEFT, VANDALISM AND WEATHER DURING THE CONSTRUCTION PROCESS FOR ALL SUPPLIES AND EQUIPMENT. AT THE T.G.C.'S DISCRETION, THE T.G.C. MAY ELECT TO HAVE THE EQUIPMENT STORED AT THE TRUCKER'S FREIGHT TERMINAL OR OFF SITE AT	THE SPECIFICATIONS HAVE BE ITEMS NOT INCLUDED IN THIS
	THE PROJECT SHALL BE COMPLETED WHEN THE FOLLOWING VALIDATION PROCESSES, JOBSITE CONDITIONS AND PAPERWORK ARE COMPLETED AND APPROVED BY OWNER AND/OR OWNER REPRESENTATIVE. 6.1 DEFICIENCIES: ANY DEFICIENCIES NOTED BY THE INSPECTOR (S) SHALL BE CORRECTED BY THE	THE T.G.C.'S OWN FACILITY. ANY CHARGES INCURRED RELATED TO THE STORAGE AND REDELIVERY OF THE EQUIPMENT SHALL BE THE SOLE RESPONSIBILITY OF THE T.G.C. UNDER NO CIRCUMSTANCES SHALL THE T.G.C. SURROGATE RESPONSIBILITY TO ANY SUBCONTRACTOR AND/OR TEAM MEMBER.	REFERRING TO THE DRAWINGS "IF REQUIRED PER DRAWINGS" AND THE CONTRACTOR SHALL WHERE CONTRACT DOCUMENT
	RESPONSIBLE PARTY IN A TIME;Y FASHION. THE T.G.C. HAS FULL RESPONSIBILITY FOR COORDINATING ALL CORRECTIVE ACTION REQUIRED ON THE PROJECT. WHEN CORRECTIVE ACTION IS COMPLETED, THE T.G.C. IS TO RECEIVE WRITTEN NOTIFICATION FROM EACH SUBCONTRACTOR THAT THEIR PORTION OF THE PUNCH LIST IS	24.0 DAMAGED MATERIALS/EQUIPMENT 24.1 DAMAGED UPON DELIVERY; UPON DELIVERY OF MATERIALS/EQUIPMENT, IT IS THE RESPONSIBILITY OF	CONTAIN CONFLICTING INSTRU ARCHITECT IN WRITING.
	COMPLETE. THE T.G.C. SHALL COORDINATE AND PAY FOR ANY NEEDED OR REQUIRED RE-INSPECTION (S). 6.2 PUNCH LIST: OWNER AND/OR OWNER REPRESENTATIVE (S) AGREES TO ISSUE ONE (1) CONSOLIDATED	THE T.G.C. TO THOROUGHLY INSPECT ALL MATERIALS/EQUIPMENT PRIOR TO ACCEPTING DELIVERY. SHOULD THE T.G.C. FIND ANY DAMAGE TO THE MATERIALS/EQUIPMENT CAUSED DURING SHIPMENT, THE T.G.C. SHALL CONTACT OWNER IMMEDIATELY. UNDER NO CIRCUMSTANCES SHALL THE T.G.C. SURROGATE THIS	
	AND FINAL PUNCH LIST TO THE T.G.C. PUNCH LIST ITEMS MUST BE CORRECTED WITHIN TEN (10) DAYS OF THE DATE THE PUNCH LIST WAS WRITTEN. OWNER WILL WALK THROUGH THE STORE WITH THE T.G.C. AFTER THE PUNCH LIST HAS BEEN COMPLETED AND SIGN OFF ON EACH PUNCH LIST ITEM INDICATING THAT ALL HAVE	24.2 DAMAGE DURING THE CONSTRUCTION PROCESS; SHOULD ANY MATERIALS/EQUIPMENT BECOME	LIMITED USE OF THE SITE: VEI RESTRICTIONS OF THE SITE.
B L 6	BEEN CORRECTED. FINAL RETAINAGE WILL BE RELEASED ONCE THE OWNER HAS SIGNED OFF ON ALL PUNCH IST ITEMS AGREEING THAT THEY HAVE BEEN COMPLETED. 3.3 LOCAL CODE ENFORCEMENT INSPECTION: THE T.G.C. SHALL PROVIDE A COPY OF ALL INSPECTION REPORTS COMPLETED BY LOCAL CODE ENFORCEMENT OFFICIALS UPON COMPLETION OF THE PROJECT.	DAMAGED DURING THE CONSTRUCTION PROCESS, THE T.G.C. SHALL CONTACT OWNER IMMEDIATELY TO RECEIVE DIRECTION AS TO THE CORRECT REPAIR PROCESS. THE T.G.C. IS NOT TO PROCEED WITH REPAIRS TO MATERIALS/EQUIPMENT DAMAGED DURING THE CONSTRUCTION PROCESS WITHOUT FIRST SPEAKING WITH THE OWNER. FREIGHT DAMAGE FOUND TWO OR MORE DAYS AFTER DELIVERY WILL BE DEEMED DAMAGE DURING CONSTRUCTION. THE T.G.C. WILL BE RESPONSIBLE FOR ALL REPAIR COSTS FOR ITEMS DAMAGED	DO NOT COMMENCE WORK WH FIRST COORDINATING AND MA OR LANDLORD.
	6.4 AS-BUILT DRAWINGS: THE T.G.C. SHALL PROVIDE ONE (1) SET OF "AS-BUILT DRAWINGS" OF MECHANICAL AND ELECTRICAL SYSTEMS TO THE OWNER UPON COMPLETION OF THE PROJECT.	DURING CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE T.G.C. SURROGATE THIS RESPONSIBILITY TO ANY SUBCONTRACTOR AND/OR TEAM MEMBER.	CERTAIN CONSTRUCTION AND
	7.0 GUARANTEE	TABLE OF CONTENTS	FURNISHED BY THE OWNER. S SCHEDULE" OR ELSEWHERE A
	THE T.G.C. SHALL PROVIDE A WRITTEN GUARANTEE, EXTENDING FOR ONE (1) YEAR BEYOND DATE OF CERTIFICATE OF OCCUPANCY, WARRANTING THE PROJECT AGAINST DEFECTS IN MATERIALS AND REPAIR AND REPLACEMENTS. ALL GUARANTEES OR WARRANTIES SHALL INSURE TO THE BENEFIT OF THE OWNER. <u>8.0 PERMITS & LICENSES</u>	DIVISION 1 - GENERAL REQUIREMENTS 01010 FORMAT AND CONTENT 01014 CONTRACTOR'S USE OF SITE AND PREMISE 01015 OWNER FURNISHED ITEMS 01017 WORK BY OTHERS	UNLESS SPECIFICALLY OTHER SHALL BE RESPONSIBLE FOR INSURING, ASSEMBLING AND CONTRACTOR.
	THE T.G.C. SHALL SECURE AND PAY FOR ALL GOVERNMENT FEES, LICENSES, AND PERMITS. CONTACT THE OWNER FOR OBTAINING ALL NECESSARY DRAWINGS, SPECIFICATIONS, STAMPS AND SIGNATURES FOR	01500 TEMPORARY FACILITIES 01600 MATERIALS AND WORKMANSHIP 01630 SUBSTITUTIONS	
-	OBTAINING ALL NECESSARY PERMITS AND LICENSES. 9.0 UTILITIES	01710 FINAL CLEANING 10730 OPERATION AND MAINTENANCE DATA 10740 WARRANTY	CERTAIN ITEMS INDICATED IN ENTITIES OTHER THAN THE CC (IF ANY) ARE INDICATE IN THE
-	2.1 THE T.G.C. SHALL PAY FOR ALL TEMPORARY SERVICE AND UTILITIES FOR THE PROJECT.	10760 CONTRACT CLOSEOUT DIVISION 2 - SITE WORK (NOT USED) DIVISION 3 - CONCRETE	SHALL INDICATE SEPARATE IN FURNISHED BY OWNER OR "01
W Bl B`	D.2 THE T.G.C. SHALL LOCATE ALL MECHANICAL AND ELECTRICAL SERVICES AND DISTRIBUTION SYSTEMS, HETHER SHOWN ON THE PLANS OR NOT, AND SHALL PROTECT THEM FROM DAMAGE. THE T.G.C. SHALL EAR ALL EXPENSES FOR THE REPAIR OR REPLACEMENT OF OTHER UTILITIES OR OTHER PROPERTY DAMAGE Y OPERATIONS IN CONJUNCTION WITH THE PERFORMANCE OF THE WORK.	03050 CONCRETE ON GRADE DIVISION 4 - MASONRY (NOT USED) DIVISION 5 - METALS 05400 STEEL STUD FRAMING DIVISION 6 - CARPENTRY	THE CONTRACTOR IS RESPON SANITATION SERVICE NECESS
	10.0 EXISTING CONDITIONS THE T.G.C. ACCEPTS PREMISES AS FOUND. THE OWNER AND LANDLORD ASSUMES NO RESPONSIBILITY OF	06200 FINISH CARPENTRY DIVISION 7 - MOISTURE PROTECTION 07200 BUILDING INSULATION	THE CONTRACTOR IS RESPON BUILDING MATERIALS AND EG
1	THE CONDITION OF THE BUILDING OR LIABILITY FOR LOCATION OF EXISTING UTILITIES, ROOF STRUCTURE, OR ELEVATION AT THE TIME OF BIDDING OR THEREAFTER. THE T.G.C. ACCEPTS PREMISE AS FOUND.	07900 CAULKING AND SEALANTS DIVISION 8 - DOOR AND WINDOWS 08100 STEEL DOORS AND FRAMES	EQUIVALENT TO AN 8 FOOT BY CONSTRUCTION UNLESS OTHE
1	11.0 PROJECT SAFETY THE T.G.C. IS RESPONSIBLE FOR THE SAFETY, ACTIONS, AND CONDUCT OF THEIR EMPLOYEES AND	08250 FLUSH WOOD DOORS 08400 ALUMINUM FRAMING 08700 FINISH HARDWARE'	
S VI	UBCONTRACTOR'S EMPLOYEES WHILE IN THE PROJECT AREA, ADJACENT AREAS, IN THE BUILDING, AND ITS ICINITY.	DIVISION 9 - FINISH HARDWARE DIVISION 9 - FINISHES 09250 GYPSUM WALLBOARD 09300 TILE	ENTITIES PERFORMING WORK NEEDED TO PRODUCE REQUIRI
	12.0 BUILDING AND ACCESSIBILITY CODES ALL WORK DESCRIBED BY THESE DOCUMENTS SHALL BE PERFORMED IN FULL ACCORDANCE WITH ALL	09500 LAY-IN CEILINGS 09900 PAINTING DIVISION 10 - SPECIALTIES	WITH WORKMANSHIP STANDA APPLICATIONS INTENDED.
	APPLICABLE LOCAL, STATE, AND NATIONAL CODES, LAWS, AND ORDINANCES BEING ADOPTED BY THE BUILDING AUTHORITY HAVING JURISDICTION OVER THIS PROJECT. THE T.G.C. ASSUMES SOLE RESPONSIBILITY TO IDENTIFY ALL APPLICABLE CODES FOR EACH SUB-TRADE AS WELL AS LOCAL AND	10430 EXTERIOR SIGNAGE 10440 INTERIOR SIGNAGE 10520 FIRE EXTINGUISHERS	INSTALLER OF EACH MAJOR L UNDER WHICH WORK IS TO BE CONDITIONS HAVE BEEN CORF
	NATIONAL ACCESSIBILITY CODES AND PERFORMING ALL WORK ACCORDINGLY.	10800 TOILET ACCESSORIES DIVISION 11 - EQUIPMENT 11400 FOOD SERVICE EQUIPMENT	HANDLE, STORE, INSTALL, MA MANUFACTURER'S APPLICABL
	DIMENSIONS SHALL GOVERN THESE DRAWINGS AND THEY ARE NOT TO BE SCALED. THE T.G.C. SHALL VERIFY ALL EXISTING DIMENSIONS. SHOULD THERE BE DISCREPANCIES, THE T.G.C. SHALL NOTIFY THE OWNER AND SHALL BASE BIDDING/PRICING ON THE MOST EXPENSIVE COMBINATION OF QUALITY AND/OR QUANTITY OF THE WORK INDICATED.	DIVISION 12 - FURNISHINGS (NOT USED) TABLE OF CONTENTS (CONT'D.) DIVISION 13 - SPECIAL CONSTRUCTION (NOT USED)	BEST POSSIBLE RESULTS. PROVIDE ATTACHMENT AND C LINE AND LEVEL AND WITHIN F FOR EXPANSION, CONTRACTIO
	14.0 PLAN REVIEW	DIVISION 15 - ON LETAL CONSTRUCTION (NOT USED) DIVISION 14 - CONVEYING SYSTEMS (NOT USED) DIVISION 15 - MECHANICAL 1500 HEATING, VENTILATING AND AIR CONDITIONING	PROTECT AND MAINTAIN WOR COMPLETION. PERMANENTLY
:	THE T.G.C. SHALL REVIEW THE PLANS AND SPECIFICATIONS THOROUGHLY, MAKE A DETAILED SITE VISIT, AND SHALL IMMEDIATELY BRING ANY INCONSISTENCY, SITE LAYOUT PROBLEMS, OR ANY OTHER REQUEST FOR CLARIFICATION TO THE OWNER FOR RESOLUTION PRIOR TO THE DELIVERY OF ANY BID. FAILURE TO DO SO	1500 HEATING, VENTILATING AND AIR CONDITIONING 15001 PLUMBING DIVISION 16 - ELECTRICAL	DETERIORATION.
	SHALL CAUSE THE T.G.C. TO BE INELIGIBLE FOR REQUESTING EXTRAS RELATING TO SUCH MATTERS. 15.0 ENGINEERED SHOP DRAWINGS	GENERAL CONDITIONS BASIC DEFINITIONS: THE CONTRACT DOCUMENTS ARE ALL THE DOCUMENTS REQUIRED FOR THE GENERAL CONTRACTOR TO	AND EQUIPMENT. INSTALL WORK DURING OPTIM
	THE T.G.C. SHALL ENSURE THAT APPLICABLE SUBCONTRACTORS SUBMIT ENGINEERED SHOP DRAWINGS TO THE OWNER'S ARCHITECT FOR APPROVAL OF ALL ASSEMBLIES, TO OBTAIN BUILDING PERMITS, IF REQUIRED,	SUCCESSFULLY COMPLETE THE WORK, AND INCLUDE NOT ONLY THE ARCHITECT'S DRAWINGS AND THE ARCHITECT'S SPECIFICATIONS BUT ALSO DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS NOT LISTED HERE, WHICH HAVE BEEN OR WILL BE PREPARED BY CONSULTANTS, MANUFACTURERS, SUPPLIERS, VENDORS	WEATHER, ETC. TO ENSURE BI EXCEPT FOR REQUIRED LABEL
	AND LICENSES, OR FOR SUBSTITUTIONS. 16.0 CHANGE ORDERS	AND OTHERS FOR THE OWNER.	MANUFACTURER'S NAMEPLAT EXPOSED TO VIEW IN OCCUPIE
(F F	THE T.G.C. MUST SUBMIT ALL CHANGE ORDERS IN WRITING TO THE OWNER. THE T.G.C. MUST HAVE THE OWNER'S SIGNATURE BEFORE PROCEEDING WITH THE WORK SHOULD THE T.G.C. PROCEED WITH THE WORK PRIOR TO OBTAINING THE OWNER'S SIGNATURE ON THE CHANGE ORDER, THE T.G.C. WILL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE CHANGE ORDER.	UNLESS SPECIFICALLY NOTED OTHERWISE ANY REFERENCE TO THE DRAWINGS OR SPECIFICATIONS SHALL MEAN THE DRAWINGS AND SPECIFICATIONS PREPARED BY THE ARCHITECT. CONFLICTS, DISCREPANCIES OR INCONSISTENCIES: IN THE EVENT OF CONFLICTS, DISCREPANCIES OR INCONSISTENCIES AMONG CONTRACT DOCUMENTS,	ADJUST ALL MOVING PARTS A
	17.0 TENANT'S GENERAL CONTRACTOR RESPONSIBILITIES THE T.G.C.'S RESPONSIBILITIES TO INSTALL AND FURNISH MATERIAL/EQUIPMENT ARE LISTED FOR	INTERPRETATIONS WILL BE MADE BY THE ARCHITECT BASED ON THE FOLLOWING: IN ORDER OF PRIORITY, WITH ITEM "1" BEING OF FIRST, OR HIGHEST PRIORITY.	NO SUBSTITUTIONS FOR PROD SUBSTITUTION FOR PRODUCTS UNAVAILABLE THROUGH NO F
N T V	CLARIFICATION AND DO NOT RELIEVE THE T.G.C. OF THE RESPONSIBILITY TO COORDINATE THE MATERIAL/EQUIPMENT DELIVERY OF ALL SUBCONTRACTORS. ALL MATERIAL/EQUIPMENT ASSOCIATED WITH THIS PROJECT SHALL BE INSTALLED IN FULL ACCORDANCE WITH THE SUPPLIER'S AND/OR MANUFACTURER'S WRITTEN RECOMMENDATION.	 A. WHERE NOT CLARIFIED BY THE AGREEMENT OR ADDENDA TO THE DRAWINGS AND SPECIFICATIONS, THE BETTER QUALITY OR GREATER QUANTITY OF WORK SHALL BE PROVIDED AS REQUIRED BY EITHER THE DRAWINGS OR SPECIFICATIONS IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION. B. AS BETWEEN DIMENSIONS SHOWN ON THE DRAWINGS AND SCALED MEASUREMENTS, THE DIMENSIONS SHALL GOVERN. 	1. AN "OR OWNER APPROVED S 2. WHEN THE PRODUCT CANNO FAULT OF THE CONTRACTOR. 3. WHEN THE PRODUCT DOES
	18.0 PRODUCT SUBSTITUTIONS THE T.G.C. SHALL RECEIVE APPROVAL FROM OWNER OR ARCHITECT FOR ANY SUBSTITUTIONS TO ANY PRODUCT. TECHNIQUE, MATERIAL OR EQUIPMENT PRIOR TO THE IMPLEMENTATION OF THE SUBSTITUTION	 C. AS BETWEEN LARGE-SCALE DRAWINGS AND SMALL-SCALED DRAWINGS, THE LARGER SCALE SHALL GOVERN. D. MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MOST CURRENT 	4. WHEN THE OWNER IS OFFEI WHENEVER A PRODUCT IS SPE
	PRODUCT, TECHNIQUE, MATERIAL OR EQUIPMENT PRIOR TO THE IMPLEMENTATION OF THE SUBSTITUTION. PROPOSED SUBSTITUTION SHALL BE OF EQUAL QUALITY AND PERFORMANCE SPECIFICATION TO THAT ORIGINALLY SPECIFIED.	PRINTED OR PUBLISHED SPECIFICATIONS AND INSTRUCTIONS OF THE MANUFACTURER OR SUPPLIER OF THE MATERIAL OR EQUIPMENT, EXCEPT WHERE SUCH DOCUMENTS CONFLICT WITH THE ARCHITECT'S	MANUFACTURER OR VENDOR, TYPE, FUNCTION, DIMENSION, MANUFACTURER'S PRODUCTS ALLOW THE OWNER TO DETERI
		OF FUELLATIONS, IN SUCH LASS THE BETTEK (JHALLY OK GREATER (JHANTI) Y OF WORK GHALL RE	A DECEMBER TO PETER

19.0 LANDLORD REQUIREMENTS

SPECIFICATIONS: IN SUCH CASS THE BETTER QUALITY OR GREATER QUANTITY OF WORK SHALL BE PROVIDED IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION AS REQUIRED BY EITHER (1) TH MANUFACTURER'S OR SUPPLIER'S REQUIREMENTS OR (2) THE ARCHITECT'S SPECIFICATIONS.

ANT WORK TO THE LANDLORD. THE	PRODUCT DESIGNATIONS:	PRODUCT APPROVAL: IF A QUALIFIED BIDDER PROPOSES TO FURNISH MATERIALS, PRODUCTS OR E NOT SPECIFIED, BIDDER MUST RECEIVE PRIOR WRITTEN APPROVAL THRU AN ADDENDUM ISSUED BY
MS. ALL MECHANICAL ANGES RELATED	WHEN REFERENCE IS MADE TO TRADE NAMES OR TO THE NAMES OF MANUFACTURERS, SUCH REFERENCES ARE MADE SOLELY TO DESIGNATE OR IDENTIFY THE QUALITY OF MATERIAL OR EQUIPMENT TO BE FURNISHED AND ARE INTENDED TO RESTRICT THE USE OF EQUAL MATERIAL OR EQUIPMENT EXCEPT WHERE SPECIFICALLY STATED OTHERWISE. IF THE CONTRACTOR WISHED TO USE MATERIALS AND EQUIPMENT OTHER THAN THOSE	OWNER OR ARCHITECT AND SHALL SUBMIT MANUFACTURER'S NAME AND CATALOG INFORMATION THAN SEVEN (7) WORKING DAYS PRIOR. FINAL CLEANING
ES NOT MEET .G.C.	MENTIONED IN THE SPECIFICATIONS, THE CONTRACTOR SHALL SUBMIT IN WRITING AND INCLUDING ADEQUATE INFORMATION REGARDING THE SUBSTITUTION, TO THE OWNER AND/OR ARCHITECT FOR CONSIDERATION.	SECTION 0170 EXECUTE FINAL CLEANING PRIOR TO FINAL INSPECTION. THOROUGHLY CLEAN THE PROJECT INCLU
6 A BONDED ROOF. ING WORK WITH I THE PROJECT	REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR:	NOT NECESSARILY LIMITED TO) THE FOLLOWING: A. REMOVE LABELS, WHICH ARE NOT REQUIRED AS PERMANENT LABELS.
WORK PER THEIR WARRANT ALL UPANCY DATE.	BEFORE ORDERING ANY MATERIALS OR ANY WORK, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MEASUREMENTS AND SHALL BE RESPONSIBLE FOR CORRECTNESS OF SAME. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED BECAUSE OF DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND	 B. CLEAN TRANSPARENT MATERIALS, INCLUDING MIRRORS, WINDOW AND DOOR GLASS, TO A PERCENDITION, REMOVING SUBSTANCES, WHICH ARE NOTICEABLE AS VISION-OBSCURING MATERIALS. C. CLEAN EXPOSED EXTERIOR AND INTERIOR HARD SURFACED FINISHES, TO A DIRT-FREE CONDI
OF ANCT DATE. OH THE T.G.C.	MEASUREMENTS AND THOSE INDICATED ON THE DRAWINGS AND DIFFERENCES WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR CONSIDERATION BEFORE PROCEEDING WITH THE WORK. THIS APPLIES TO ALL ASPECTS OF THE WORK INCLUDING, BUT NOT LIMITED TO, EQUIPMENT OR MATERIALS	OF DUST, STAINS, FILMS AND SIMILAR NOTICEABLE DISTRACTING SUBSTANCES. EXCEPT OTHERWIS INDICATED, AVOID DISTURBANCE OF NATURAL WEATHERING OF EXTERIOR SURFACES. RESTORE RE SURFACES TO ORIGINAL REFLECTIVE CONDITION.
IMES. ANY	FURNISHED BY OWNER OR CONTRACTOR.	 D. WIPE SURFACES OR MECHANICAL AND ELECTRICAL EQUIPMENT CLEAN. REMOVE EXCESS LUE AND OTHER SUBSTANCES. E. REMOVE DEBRIS AND SURFACE DUST FROM LIMITED-ACCESS SPACES INCLUDING PLENUMS.
PMENT FROM THE T.G.C.	UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SECURE AND PAY FOR THE REMOVAL, RELOCATION AND INSTALLATION OF ELECTRICAL UTILITY POLES AND LINES AND FOR WATER, NATURAL GAS AND SEWER "TAP FEES" REQUIRED BY THE UTILITY COMPANIES AND OWNERS OF	TRENCHES, MANHOLES, ATTICS AND SIMILAR SPACES. F. THOROUGHLY CLEAN CONCRETE FLOORS.
	UTILITIES.	 G. VACUUM CLEAN CARPETED SURFACES AND SIMILAR SOFT SURFACES. H. CLEAN PLUMBING FIXTURES TO A SANITARY CONDITION, FREE OF STAINS INCLUDING THOSE RESULTING FROM WATER EXPOSURE.
	SUBCONTRACTOR RELATIONS: THE CONTRACTOR SHALL INCLUDE IN HIS SUBCONTRACTS THE FOLLOWING CLAUSE: "BY EXECUTING THE	I. CLEAN FOOD SERVICE EQUIPMENT TO A CONDITION OF SANITATION READY AND ACCEPTABLE INTENDED FOOD SERVICE USE. J. CLEAN LIGHT FIXTURES AND LAMPS/LIGHT BULBS, WHICH HAVE BURNED HALF THEIR RATED
THE PROJECT FUSED FOR ANY SHIPPING (CONTRACT BETWEEN THE GENERAL CONTRACTOR AND THE SUBCONTRACTOR EACH SUBCONTRACTOR REPRESENTS THAT HE HAS MORE CURRENT AND INTIMATE KNOWLEDGE OF PREVAILING CODES IN HIS SPECIAL FIELD THAN DO GENERALIST. THE SUBCONTRACTOR AGREES TO REPORT TO THE GENERAL	MORE. K. CLEAN PROJECT SITE (YARD AND GROUNDS), INCLUDING LANDSCAPE DEVELOPMENT AREAS AND FOREIGN SUBSTANCES. SWEEP PAVED AREAS TO A BROOM-CLEAN CONDITION. REMOVE STA
COUNTABLE TO REPANCIES S, CRANES, ECT.)	CONTRACTOR AS EARLY IN THE PROJECT AS POSSIBLE (PRIOR TO SIGNING THE CONTRACTOR/SUBCONTRACTOR CONTRACT IF KNOWN AT THE TIME BUT IN ANY EVENT AS SOON AS KNOWN) ANY WORK REQUIRED BY THE DRAWINGS AND SPECIFICATIONS, OR ANY OF THE OTHER CONTRACT	PETROCHEMICAL SPILLS AND OTHER FOREIGN DEPOSITS. RAKE GROUNDS WHICH ARE NEITHER PL NOR PAVED, TO A SMOOTH, EVEN-TEXTURED SURFACE. L. CLEAN FILTERS OF OPERATING EQUIPMENT.
DRAGE AREA SURRED BECAUSE	DOCUMENTS WHICH VIOLATES ANY CODE AFFECTING OR CONTROLLING THE SUBCONTRACTOR'S SPECIALTY." THE CONTRACTOR SHALL IN TURN IMMEDIATELY CONVEY THIS INFORMATION OF THE ARCHITECT.	 M. PROPERLY CLEAN AND SANITIZE FOOD CONTACT SURFACES BEFORE SERVICE USAGES. N. CLEAN DEBRIS FROM ROOF, GUTTERS, DOWNSPOUTS AND DRAINAGE SYSTEMS. O. REMOVE WASTE AND SURPLUS MATERIAL, RUBBISH AND CONSTRUCTION FACILITIES FROM TI
	DIVISION 1 - GENERAL REQUIREMENTS FORMAT AND CONTENT	WARRANTY SECTION 01740
ND WEATHER DISCRETION, THE	SECTION 01010 THE SPECIFICATIONS HAVE BEEN PREPARED FOR MULTIPLE PROJECTS AND MAY CONTAIN REFERENCES TO	CONTRACTOR SHALL WARRANT TO THE OWNER THAT ON RECEIPT OF NOTICE FROM HIM, WITHIN A P ONE Y EAR (OR SUCH OTHER PERIOD OF TIME AS MAY BE NOTED FOR SPECIFIC ITEMS) FOLLOWING
OR OFF SITE AT ELIVERY OF THE S SHALL THE	ITEMS NOT INCLUDED IN THIS SPECIFIC PROJECT. VERIFY ITEMS USED IN THIS SPECIFIC PROJECT BY REFERRING TO THE DRAWINGS. THE SPECIFICATIONS MAY MAKE REFERENCE TO THESE ITEMS BY STATING "IF REQUIRED PER DRAWINGS", "IF ANY" OR SIMILAR LANGUAGE. THE DRAWINGS ARE SCHEMATIC IN NATURE	SUBSTANTIAL COMPLETION, THE CONTRACTOR SHALL, AT HIS COST, PROMPTLY CORRECT ANY DEFE MATERIALS AND WORKMANSHIP THAT HAVE APPEARED IN THE WORK SO THAT THEY MEET THE COI ORIGINALLY REQUIRED BY THE CONTRACT DOCUMENTS.
	AND THE CONTRACTOR SHALL NOT RELY ON SCALING DRAWINGS TO DETERMINE CRITICAL DISTANCES. WHERE CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) ARE INCOMPLETE, AMBIGUOUS OR	PREPARE DUPLICATE COPIES OF ALL WARRANTIES. EXECUTE AND ASSEMBLE DOCUMENTS FROM SUBCONTRACTORS. SUPPLIERS AND MANUFACTURERS.
20NSIBILITY OF	CONTAIN CONFLICTING INSTRUCTIONS, DO NOT PROCEED UNTIL RECEIVING CLARIFICATION FROM THE ARCHITECT IN WRITING.	RETAIN ALL DOCUMENTS IN THE OPERATION AND MAINTENANCE INSTRUCTIONS MANUAL NOTED IN 01730 AT THE JOB SITE UPON COMPLETION OF THE WORK.
LIVERY. SHOULD , THE T.G.C. SHALL	ONTRACTOR'S USE OF SITE AND PREMISE SECTION 01014	CONTRACT CLOSEOUT SECTION 01760
E THIS	LIMITED USE OF THE SITE: VERIFY WITH THE OWNER OR LANDLORD FOR ESTABLISHED USE LIMITS AN RESTRICTIONS OF THE SITE.	1.01 FINAL WORK: AT COMPLETION OF THE WORK, LEAVE THE BUILDING COMPLETELY CLEAN AND IN
T BECOME EDIATELY TO /ITH REPAIRS TO	DO NOT COMMENCE WORK WHICH SPECIFICALLY AFFECTS THE OPERATION OF ANY OTHER TENANT WITHOUT FIRST COORDINATING AND MAKING SATISFACTORY ARRANGEMENTS FOR SUCH WORK THROUGH THE OWNER	SATISFACTORY TO THE OWNER. CLEAN AND POLISH ALL GLASS AND MIRRORS, LEAVE FLOORS, HA PLUMBING FIXTURES AND LIGHTING FIXTURES CLEAN AND DUST FREE, ETC., THIS IS NOT AN ENUMI OF WORK TO BE DONE, BUT IS MERELY AN INDICATION OF WHAT WILL BE CONSIDERED "SATISFACTO
3PEAKING WITH IED DAMAGE 15 DAMAGED	OR LANDLORD. OWNER - FURNISHED ITEMS	1.02 BONDS, GUARANTEES AND WARRANTIES:
RESPONSIBILITY	SECTION 01015 CERTAIN CONSTRUCTION AND EQUIPMENT ITEMS INDICATED IN THE DRAWINGS AND SPECIFICATIONS AMY BE	A. THROUGHOUT THE SPECIFICATIONS VARIOUS SURETY BONDS, GUARANTEES AND WARRANTI REQUIRED. THE CONTRACTOR SHALL SECURE AND PRESENT THESE BONDS AND GUARANTEES TO OWNER.
	FURNISHED BY THE OWNER. SUCH ITEMS ARE DESIGNATED ON THE DRAWINGS IN THE "EQUIPMENT SCHEDULE" OR ELSEWHERE AS SUPPLIED BY OWNER OR VENDOR. UNLESS SPECIFICALLY OTHERWISE INDICATED, OWNER WILL DELIVER SUCH ITEMS TO THE CONTRACTOR WHO	 B. THE CONTRACTOR SHALL PRESENT THE OWNER WITH ALL OPERATING MANUALS, MANUALS, LIST, ETC., COVERING ALL MECHANICAL EQUIPMENT OR OTHER OPERATING DEVICES IN THE WORK. C. THE CONTRACTOR SHALL PRESENT THE OWNER WITH ALL SPECIAL TOOLS REQUIRED FOR ROL MAINTENANCE OF EQUIPMENT FOR AN ALL PRESENT THE OWNER WITH ALL SPECIAL TOOLS REQUIRED FOR ROL MAINTENANCE OF EQUIPMENT FOR AN ALL PRESENT THE OWNER WITH ALL SPECIAL TOOLS REQUIRED FOR ROL MAINTENANCE OF EQUIPMENT FOR AN ALL PRESENT THE OWNER WITH ALL SPECIAL TOOLS REQUIRED FOR ROL MAINTENANCE OF EQUIPMENT FOR AN ALL PRESENT THE OWNER WITH ALL SPECIAL TOOLS REQUIRED FOR ROL MAINTENANCE OF EQUIPMENT FOR AN ALL PRESENT THE OWNER WITH ALL SPECIAL TOOLS REQUIRED FOR ROL MAINTENANCE OF EQUIPMENT FOR AN ALL PRESENT THE OWNER WITH ALL SPECIAL TOOLS REQUIRED FOR ROL MAINTENANCE OF EQUIPMENT FOR AN ALL PRESENT FOR AN ALL PRESENT FOR ALL PRESENT FOR ALL PRESENT FOR AN ALL PRESENT FOR AN ALL PRESENT FOR AN ALL PRESENT FOR ALL PRESENT F
	SHALL BE RESPONSIBLE FOR RECEIVING, UNLOADING, INVENTORYING, WAREHOUSING, PROTECTING, INSURING, ASSEMBLING AND INSTALLING THEM IN THE SAME MANNER AS IF PURCHASED DIRECTLY BY THE CONTRACTOR.	MAINTENANCE OF EQUIPMENT, ETC. 1.03 RECORD DRAWINGS: THE CONTRACTOR SHALL PRESENT THE OWNER WITH A COPY OF RECORD DRAWINGS.
	WORK BY OTHERS SECTION 01017	DIVISION 2 - SITE WORK (NOT USED)
	CERTAIN ITEMS INDICATED IN THE DRAWINGS AND SPECIFICATIONS MAY BE FURNISHED AND INSTALLED BY ENTITIES OTHER THAN THE CONTRACTOR AND ARE EXCLUDED FROM THE CONTRACT TO BUILD. SUCH ITEMS	DIVISION 3 - CONCRETE CONCRETE FLOOR STRUCTURE ON GRADE - SECT. 03050
	(IF ANY) ARE INDICATE IN THE "EQUIPMENT SCHEDULE" OR ELSEWHERE ON THE DRAWINGS. CONTRACTOR SHALL INDICATE SEPARATE INSTALLATION COST FOR ITEMS DESIGNATED IN "EQUIPMENT SCHEDULE" TO BE FURNISHED BY OWNER OR "OTHERS".	03010 NEW FLOOR STRUCTURE SHALL BE CONCRETE, PORTLAND CEMENT, ASTM C 50, TYPE 1, AND APPLICABLE SECTIONS OF THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" OF T
	TEMPORARY FACILITIES SECTION 01500	AMERICAN CONCRETE INSTITUTE ACI-318-LATEST EDITION PRE-INCLUDED AS A PART OF THIS SPEC WORKING STRESS FOR ALL CONCRETE SHALL BE 3,000 PSI AT 28 DAYS. REINFORCING MESH SHA FIBERMECH FIBER, BY FIBERMESH COMPANY (423) 892-7243 CONFORMING TO ASTM C-39, C78, C
	THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND PAYING FOR ALL UTILITIES INCLUDING PHONE AND SANITATION SERVICE NECESSARY TO CONSTRUCT THE PROJECT.	SLAB UNDER CERAMIC TILE SHALL HAVE FLATNESS/LEVELNESS OF $\frac{1}{8}$ " PER 10 LINEAR FEET.
	THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND SECURITY OF ALL CONSTRUCTION AND ALL BUILDING MATERIALS AND EQUIPMENT AND SHALL FURNISH AT HIS EXPENSE ON-SITE STORAGE	03 030 UNDER FLOOR CONDUIT, ELECTRICAL AND TELEPHONE OUTLETS TO REGISTER COUNTER LO ELECTRICAL CONTRACTOR. REFER TO FLOOR PLAN AND ELECTRICAL DRAWINGS FOR APPROPRIATE I
	EQUIVALENT TO AN 8 FOOT BY 8 FOOT BY 40 FOOT LOCKABLE, WEATHER TIGHT TRAILER THROUGHOUT THE CONSTRUCTION UNLESS OTHERWISE INDICATED.	03 040 PROVIDE A SELF-LEVELING CEMETITIOUS UNDERLAYMENT IN ACCORDANCE WITH THE CONT DOCUMENTS THAT SHALL BE ARDEX k15 BY ARDEX INC. (412) 264-4240. INSTALLATION SHALL UTIL MANUFACTURER APPROVED MIXING TOOLS, EQUIPMENT, AND METHODS. UNDERLAYMENT SHALL E
	MATERIALS AND WORKMANSHIP SECTION 01600	INSTALLED OF APPROXIMATELY 4,100 PSI AS PER ASTM C109/MOD. INSTALLATION AND EXECUTION UTILIZE ARDEX SKIMCOAT/FLASHPATCH AS PROJECT CONDITIONS WARRANT AND MANUFACTURER'S INSTALLATION DIRECTIONS REQUIRE. INFILL SHOULD MATCH COLOR/ COMPOSITION OF THE EXISTING
	ENTITIES PERFORMING WORK SHALL BE SKILLED AND KNOWLEDGEABLE IN METHODS AND CRAFTSMANSHIP NEEDED TO PRODUCE REQUIRED QUALITY LEVELS. REMOVE AND REPLACE WORK, WHICH DOES NOT COMPLY,	CONCRETE SLAB AS CLOSELY AS POSSIBLE.
	WITH WORKMANSHIP STANDARDS SPECIFIED AND AS RECOGNIZED IN THE CONSTRUCTION INDUSTRY FOR APPLICATIONS INTENDED.	DIVISION 4 - MASONRY (NOT USED) DIVISION 5 - METALS
	INSTALLER OF EACH MAJOR UNIT OF WORK SHALL INSPECT SUBSTRATA TO RECEIVE WORK AND CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.	STEEL STUD FRAMING SECTION 05400
	HANDLE, STORE, INSTALL, MAINTAIN AND OTHERWISE USE PRODUCTS IN COMPLIANCE WITH MANUFACTURER'S APPLICABLE INSTRUCTIONS AND RECOMMENDATIONS AND IN A MANNER TO ENSURE	
	BEST POSSIBLE RESULTS. PROVIDE ATTACHMENT AND CONNECTION DEVICES AND METHODS FOR SECURING WORK PROPERLY, TRUE TO	PART ONE - GENERAL 1.01 SCOPE: FURNISH AND INSTALL STEEL STUDS. OTHER STEEL FRAMING MEMBERS. BRACING. FA
	LINE AND LEVEL AND WITHIN RECOGNIZED INDUSTRY TOLERANCES IF NOT OTHERWISE INDICATED. ALLOW FOR EXPANSION, CONTRACTION AND OTHER NORMAL BUILDING MOVEMENTS.	AND OTHER RELATED ACCESSORIES IN LOCATIONS RELATED HEREIN AND SHOWN ON THE DRAWING
	PROTECT AND MAINTAIN WORK TO ENSURE FREEDOM FROM DAMAGE OR DETERIORATION AT TIME OF COMPLETION. PERMANENTLY ISOLATE EACH UNIT OF WORK FROM ON-COMPATIBLE WORK TO PREVENT DETERIORATION.	2.01 STEEL STUD FRAMING:
	FIELD CHECK AND VERIFY AS-BUILT DIMENSIONS TO ASSURE PROPER FIT OF PREFABRICATED MATERIALS AND EQUIPMENT.	A. MATERIALS: COLD FORMED STEEL FRAMING AS MANUFACTURED BY U.S.G. USING HOT DIPPE GALVANIZED STEEL WITH MINIMUM G-60 COATING WHICH CONFORMS TO ASTM SPECIFICATION A- A-525, LATEST EDITION. CONFIRM STUD GA. MEETS MANUFACTURERS POSTED LENGTHS AND SPA
RACTOR TO 9 AND THE	INGTALL WORK DURING OPTIMUM WEATHER CONDITIONS OF TEMPERATURE, HUMIDITY, FORECASTED WEATHER, ETC. TO ENSURE BEST POSSIBLE RESULTS.	SPECIFIC USE ON PROJECT. UNLESS NOTED OTHERWISE ON THE DRAWINGS, PRODUCT SHALL BE N
NTS NOT LISTED PLIERS, VENDORS	EXCEPT FOR REQUIRED LABELS AND OPERATING DATA, DO NOT PERMANENTLY ATTACH OR IMPRINT MANUFACTURER'S NAMEPLATES OR TRADEMARKS ON EXPOSED SURFACES OR PRODUCTS WHICH WILL BE	 EQUAL TO U.S.G. SJ STEEL STUDS, 3 ⁵/₈", 26 GAUGE, SPACED 6" ON CENTERS. 2 ¹/₂" & 6" STUDS NOTED. RUNNER CHANNELS AT TOP AND BOTTOM OF STUDS SHALL BE OF SAME SIZE AND GAUGE A
	EXPOSED TO VIEW IN OCCUPIED SPACES OR ON THE EXTERIOR.	STUDS. B. MISCELLANEOUS COMPONENTS: PROVIDE ALL NECESSARY COMPONENT PARTS AND FASTEN
ATIONS SHALL	SUBSTITUTIONS SECTION 01630	REQUIRED. FINISH TO HOT DIPPED GALVANIZED AS SPECIFIED FOR STUDS OR STAINLESS ST 2.02 ISOLATION JOINTS: WHERE ALUMINUM OR OTHER DISSIMILAR MATERIALS COME IN CONTACT I
CUMENTS, OF PRIORITY,	NO SUBSTITUTIONS FOR PRODUCTS WILL BE ALLOWED UNLESS SPECIFICALLY INDICATED BY THE ARCHITECT. SUBSTITUTION FOR PRODUCTS AND EQUIPMENT MAY BE CONSIDERED WHEN A PRODUCT BECOMES	STEEL FRAMING, FURNISH AND INSTALL PLASTIC ISOLATION BLOCKS SHIMS) OR BUILDING FELT B DISSIMILAR MATERIALS.
CIFICATIONS, THE	UNAVAILABLE THROUGH NO FAULT OF THE CONTRACTOR OR AS FOLLOWS:	PART THREE - EXECUTION 3.01 INSTALLATION: INSTALL STEEL FRAMING TRUE TO LINE, LEVEL AND PLUMB, IN ACCORDANCE W
3y Either The On. , The Dimensions	 AN "OR OWNER APPROVED SUBSTITUTION" CLAUSE OR SIMILAR LANGUAGE IN THE CONTRACT DOCUMENTS. WHEN THE PRODUCT CANNOT BE PROVIDED IN TIME TO KEEP THE PROJECT ON SCHEDULE, THROUGH NO FAULT OF THE CONTRACTOR. WHEN THE PRODUCT DOES NOT MEET THE APPROVAL OF THE GOVERNING AUTHORITIES. WHEN THE OWNER IS OFFERED SUBSTANTIAL ADVANTAGE IN TERMS OF THE COST, TIME OR QUALITY. 	DRAWINGS, AND APPROVED SHOP DRAWINGS AND THE MANUFACTURER'S WRITTEN INSTRUCTIONS 3.02 FIELD PAINTING: TOUCH UP GALVANIZED COATINGS DAMAGED DURING HANDLING AND INSTA WITH GALVANIZING REPAIR PAINT.
SCALE SHALL	4. WHEN THE OWNER IS OFFERED SUBSTANTIAL ADVANTAGE IN TERMS OF THE COST, TIME OR QUALITY. WHENEVER A PRODUCT IS SPECIFIED BY USING A PROPRIETARY NAME OR THE NAME OF A PARTICULAR MANUFACTURER OR VENDOR, THE SPECIFIC ITEM MENTIONED SHALL BE UNDERSTOOD AS ESTABLISHING	
OR SUPPLIER OF ARCHITECT'S	TYPE, FUNCTIONER OR VENDOR, THE SPECIFIC TTEM MENTIONED SHALL BE UNDERSTOOD AS ESTABLISHING TYPE, FUNCTION, DIMENSION, APPEARANCE AND QUALITY DESIRED. REQUEST FOR SUBSTITUTING OTHER MANUFACTURER'S PRODUCTS MAY BE ACCEPTED PROVIDED SUFFICIENT INFORMATION IS SUBMITTED TO ALLOW THE OWNER TO DETERMINE SUITABILITY OF THE PROPOSED SUBSTITUTION(S) AND AS FOLLOWS:	
HALL BE EITHER (1) THE FIONS.		
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DUCTS OR EQUIPMENT I ISSUED BY THE FORMATION NO LATER	DIVISION 6 - CARPENTRY FINISH CARPENTRY	
	SECTION 06200 PART ONE - GENERAL	
JECT INCLUDING (BUT	1.01 SCOPE: A. THIS SECTION INCLUDES FURNISHING AND INSTALLING ALL MISCELLANEOUS EXPOSED WOOD MEMBERS AND TRIM ITEMS AND SERVING COUNTER, AS DETAILED ON THE DRAWINGS. B. THIS SECTION INCLUDES INSTALLATION OF METAL FRAMES, WOOD DOORS, FINISH HARDWARE, AND	
ASS, TO A POLISHED MATERIALS. FREE CONDITION, FREE	MISCELLANEOUS METALS AND SPECIALTIES FURNISHED UNDER OTHER SECTIONS OF THESE SPECIFICATIONS, AND RELATED ITEMS NECESSARY FOR A COMPLETE AND PROPER INSTALLATION. PART TWO - MATERIALS	
PT OTHERWISE RESTORE REFLECTIVE	2.01 GENERAL REQUIREMENTS: A. RECEIVE, STOCK AND STORE MATERIALS IN ACCORDANCE WITH GOOD PRACTICE.	BLUESTONE
EXCESS LUBRICATION 9 PLENUMS, SHAFTS,	B. GRADING; EACH PIECE OF FINISH LUMBER SHALL BE GRADE-MARKED AND KILN-DRIED. BUNDLED STOCK SHALL HAVE GRADE MARKS APPLIED TO EACH BUNDLE. C. SIZES AND PATTERNS: WORK LUMBER TO PATTERN DETAILED. SHAPED MATERIAL SHALL CONFORM TO STANDARD PATTERNS INDICATED. D. MOISTURE CONTENT: MAXIMUM MOISTURE CONTENT OF TREATED OR UNTREATED FINISH LUMBER, TRIM AND MILLWORK SHALL BE 12 PERCENT AT TIME OF DELIVERY TO JOB SITE.	PARTNERS, LLC 4708 N. FM. 1417 Sherman, Texas 75092 903.813.1415 www.bluestonebuild.com
ING THOSE	2.02 TOUGH HARDWARE: THE GENERAL CONTRACTOR SHALL FURNISH ALL ROUGH HARDWARE INCLUDING NAILS, SCREWS AND SIMILAR ANCHORS AND FITTINGS AND ALL OTHER HARDWARE EITHER MENTIONED IN THESE SPECIFICATIONS OR REQUIRED FOR THE PROPER COMPLETION OF THE WORK.	TE OF MISSO
HEIR RATED LIFE OR IENT AREAS, OF LITTER	2.03 PLASTIC LAMINATE: AS SCHEDULED ON THE DRAWINGS. COLORS AS SCHEDULED.	DRAKE P
AGES.	2.04 PLYWOOD: VENEER CORE PLYWOOD OF THICKNESS SHOWN ON THE DRAWINGS. A. WHERE BOTH SIDES COVERED WITH PLASTIC LAMINATE: APA C-D INT. B. WHERE BOTH SIDES VISIBLE: APA B-B INT. C. WHERE BOTH SIDES VISIBLE: APA B-C OR B-D INT. D. COUNTERTOP AT SERVING COUNTER: APA B-B, EXPOURE I.	A-2024010915
IES FROM THE SITE.	2.05 RFP (FIBERGLASS REINFORCED POLYESTER) PANELS: $\frac{3}{32}$ " THICK WITH PEBBLED TEXTURE FACE. COLOR NOTED ON THE DRAWINGS. BY KEMLITE. INSTALL ON FACE OF GYPSUM BOARD OR AT EDGES. INTERIOR EXTERIOR CORNERS, BETWEEN PANELS, ALL IN STRICT ACCORDANCE WITH KEMLITE COMPANY SPECIFICATIONS.	May 22, 2024
, WITHIN A PERIOD OF FOLLOWING DATE CT ANY DEFECTS IN EET THE CONDITIONS	2.06 ADHEGIVE: FOR ADHERING PLASTIC LAMINATE TO PLYWOOD SUBSTRATE ON WALLS AND CABINETS, USE CONTACT ADHESIVE EQUAL TO WILSONART BRUSHABLE GRADE LW500 ON PLYWOOD AND PLASTIC LAMINATE SURFACES IN ACCORDANCE WITH ADHESIVE MANUFACTURER'S INSTRUCTIONS. FOR ADHERING SOLID SURFACING, BED THE SOLID SURFACE IN SILICONE SEALANT AS RECOMMENDED BY SOLID SURFACE MANUFACTURER ON THE WOOD;/PLYWOOD FRAMING.	
NTS FROM	PART THREE - EXECUTION	
AL NOTED IN SECTION	3.01 INSTALLATION: A. INSTALL WORK OF THIS SECTION AS INDICATED ON THE DRAWINGS AND SPECIFIED HEREIN, IN ACCORDANCE WITH APPROVED SHOP DRAWINGS AND MANUFACTURER'S WRITTEN INSTRUCTIONS. B. INSTALL THE WORK PLUMB, TRUE AND STRAIGHT WITH NO DISTORTIONS, SHIM AS REQUIRED USING CONCEALED SHIMS. INSTALL TO A TOLERANCE OF $\frac{1}{6}$ " IN $8'$ - 0 " FOR PLUMB AND LEVEL (INCLUDING COUNTERTOPS) AND WITH $\frac{1}{16}$ " MAXIMUM OFFSET IN FLUSH ADJOINING SURFACES, $\frac{1}{6}$ " MAXIMUM OFFSETS IN REVEALED ADJOINING SURFACES.	D D
EAN AND IN CONDITION FLOORS, HARDWARE, IT AN ENUMERATION GATISFACTORY".	3.02 FINISH HARDWARE: RECEIVE, STORE AND INSTALL FINISH HARDWARE SPECIFIED ON THE DRAWINGS. AT COMPLETION OF THE JOB, CHECK AND LEAVE ALL HARDWARE IN OPTIMUM LABELED ACCORDING TO THE DOORS AS NUMBERED ON THE DRAWINGS. BOX KEYS NEATLY AND ORDERLY AND THEN TURN OVER TO THE OWNER.	, Suit 1081
D WARRANTIES ARE	DIVISION 7 - MOISTURE PROTECTION	
ANTEES TO THE MANUALS, PARTS	BUILDING INSULATION SECTION 07200	
THE WORK. RED FOR ROUTINE	PART ONE - GENERAL 1.01 SCOPE: THE WORK OF THIS SECTION INCLUDES INSULATION AT EXTERIOR WALLS AND ELSEWHERE AS	
OF RECORD	SHOWN ON THE DRAWINGS. PART TWO - MATERIALS	D it, it,
	2.01 THERMAL INSULATION: INORGANIC GLASS FIBER BLANKETS WITH VAPOR BARRIER, 6" THICK, R-19. PART THREE EXECUTION	Lig owen: ermit
TYPE 1 AND	3.01 INSTALL THERMAL INSULATION ON TOP OF SUSPENDED CEILING TILES IN ATTIC SPACE AND IN WALL VOIDS OF EXTERIOR WALLS UNLESS NOTED OTHERWISE IN DRAWINGS. INSTALL ON OUTSIDE OF WATER PIPES	
TYPE 1, AND CRETE" OF THE F THIS SPECIFICATION.	IN EXTERIOR WALL. CAULKING AND SEALANTS	
9 MESH SHALL BE C-39, C78, C-496. EET.	SECTION 07900 PART ONE - GENERAL	
COUNTER LOCATION BY PROPRIATE LOCATION.	1.01 SCOPE: THE WORK OF THIS SECTION INCLUDES ALL SEALANTS AND CAULKING, BOTH INTERIOR AND EXTERIOR.	٥ <mark>ک</mark>
H THE CONTRACT SHALL UTILIZE	PART TWO MATERIALS 2.01 GENERAL REQUIREMENTS: POLYSULFIDE (THLOKAL) BASE CAULKING COMPOUNDS, SYNTHACAULK GC9	0
ENT SHALL BE EXECUTION SHALL JFACTURER'S THE EXISTING	PART THREE - EXECUTION	
	3.01 JOB CONDITIONS: APPLY MATERIALS ONLY WHEN THE TEMPERATURE OF SPACES, MATERIALS, AND SURFACES IS ABOVE 40 DEGREES F. USE MATERIALS WITHIN THE MANUFACTURER'S RECOMMENDED SHELF - LIFE PRIOR; REMOVE FROM THE JOB ANY MATERIALS WHOSE SHELFOLIFE PERIOD EXPIRES AFTER BEING BROUGHT TO THE JOB, AND REPLACE WITH FRESH MATERIAL.	
	3.02 APPLICATION: A. APPLY CAULKING IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS; USING	REVISIONS
BRACING, FASTENERS HE DRAWINGS.	PRESSURE TYPE CAULK GUN. PRIME SIDES OF JOINTS BEFORE APPLYING CAULKING IF RECOMMENDED BY THE MANUFACTURER. WIDTH AND DEPTH OF SEALANT IN JOINTS SHALL BE MINIMUM ½". IN LARGE JOINTS, THE DEPTH OF SEALANT SHALL BE ONE HALF THE WIDTH OF THE JOINT. IF REQUIRED, PACK SPACES WITH COMPRESSIBLE MATERIALS, COMPATIBLE WITH THE CAULKING MATERIAL, TO WITHIN THE PROPER DISTANCE OF THE FINISHED JOINT; THEN FILL JOINT WITH CAULKING MATERIAL. PROTECT ADJACENT AREAS NOT TO RECEIVE SEALANTS AND CAULKING, REMOVE PROMPTLY IF CAULKING OR SEALANT DOES GET ON THESE SURFACES; CLEAN SATISFACTORILY OR REPOLACE SURFACES WITH NEW MATERIALS. USE GUN NOZZLES TO FIT JOINTS. FINISH JOINTS NEATLY. REMOVE EXCESS MATERIAL. LEAVE JOINTS CLEAN.	No. DATE NOTE
HE DRAWINGS.	B. CAULK JOINTS BETWEEN DOOR AND WINDOW FRAMES AND ADJOINING WORK, AT ALL JOINTS BETWEEN DIFFERENT MATERIALS, AND ELSEWHERE AS SHOWN OR REQUIRED TO SEAL JOINTS WIND AND WATER TIGHT. EXERCISE CARE TO SEAL ALL OPENINGS IN EXTERIOR WALLS TO BE WIND, WATER AND INSECT TIGHT.	
G HOT DIPPED FICATION A-446 AND HS AND SPANS FOR SHALL BE MIN:	C. USING SPECIFIED SEALANT, SEAL BETWEEN FOOD SERVICE EQUIPMENT AND ADJOINING WALL, BASES, ETC., AS REQUIRED TO SEAL CRACKS OR OTHER OPENINGS, AND AROUND PIPES, SO TO PREVENT ACCESS OF VERMIN AND ACCUMULATION OF CRUMBS, GREASE OR OTHER FOREIGN SUBSTANCES.	
" & 6" Studs as Nd gauge as	D. ALL EXPOSED WOOD SURFACES IN CABINETS/COUNTERS AND ALL PENETRATIONS IN MILLWORK ARE TO BE SEALED.	
ND FASTENERS	DIVISION 8 - DOORS AND WINDOWS STEEL DOORS AND FRAMES	Drawn by: Checked by:
AINLESS STEEL. N CONTACT WITH	SECTION 08100	Project No:
DING FELT BETWEEN	PART ONE - GENERAL 1.01 SCOPE: THE WORK OF THIS SECTION INCLUDES FURNISHING OF ALL HOLLOW METAL DOORS AND STEEL FRAMES. INSTALLATION OF DOORS AND FRAME IS INCLUDED UNDER SECTION 06200.	Date: May 22, 2024
ORDANCE WITH THE STRUCTIONS.	1.02 MARKING: SHIP DOORS AND FRAMES TO JOB WITH EACH ITEM IDENTIFIED WITH ARCHITECT'S MARK.	
AND INSTALLATION	1.03 PROTECTION AND CLEANING: PROTECT ALL DOOR FRAMES AND DOORS FROM DAMAGE DURING TRANSPORTATION AND AT THE JOB SITE. STORE AT THE SITE UNDER COVER ON WOOD BLOCKING OR ON SUITABLE FLOOR. AFTER INSTALLATION, PROTECT FROM DAMAGE DURING SUBSEQUENT CONSTRUCTION ACTIVITES. DAMAGED WORK WILL BE REJECTED AND SHALL BE REPLACED WITH NEW WORK.	General Notes
	PART TWO - MATERIALS 2.01 METAL FRAMES: FLUGH DOUBLE RABBIT ARC-WELDED FRAMES BY CECO, RUPUBLIC, CURRIES OR EQUAL, OF DEPTHS AND CONFIGURATIONS SHOWN ON THE DRAWINGS. PROVIDE WEATHER HOOD FULL WIDTH OF FRAME AT HEAD ON EXTERIOR SIDE OF EXTERIOR DOORS. INTERIOR DOOR FRAMES TO UTILIZE KNOCK-DOWN METAL FRAMES BY TIMELY, OR EQ PREPARE FRAME AT FACTORY FOR HARDWARE INSTALLATION. PROVIDE	Sheet: G-002
	7 8	

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METAL ANCHORS OF SHAPES AND SIZES INDICATED ON JAMBS NEAR TOP AND BOTTOM OF EACH FRAME, AND AT INTERMEDIATE POINTS NOT OVER 24" ON CENTER. PROVIDE TEMPORARY STEEL SPREADERS FASTENED ACROSS BOTTOM OF FRAMES. WHERE CONSTRUCTION WILL PERMIT CONCEALMENT, LEAVE SPREADERS IN PLACE AFTER INSTALLATION; OTHERWISE, REMOVE SPREADERS AFTER FRAMES ARE SET AND ANCHORED.

2.02 HOLLOW METAL DOORS: METAL FRAMES BY RDL SUPPLY, WITH METAL FRAME VIEW PANEL AS SHOWN ON THE DRAWINGS. PREPARE FOR HARDWARE SPECIFIED IN SECTION 08700. PROVIDE TOP CAP FOR WEATHER PROTECTION.

2.03 SHOP PAINTING: CLEAN AND CHEMICALLY TREAT (PHOSPHATES) METAL SURFACES TO ASSURE MAXIMUM PAINT ADHERENCE: FOLLOW WITH A DIP OR SPRAY COAT OR RUST-INHIBITIVE METALLIC OXIDE, ZINC CHROMATE, OR SYNTHETIC RESIN PRIMER ON ALL EXPOSED SURFACES. FINISH SURFACES SHALL BE SMOOTH AND FREE FROM IRREGULARITIES AND ROUGH SPOTS. EACH COAT OF PAINT SHALL BE

FLUSH WOOD DOORS SECTION 08250

PART ONE - GENERAL

SEPARATELY BAKED OR OVEN DRIED.

1.01 SCOPE: PROVIDE SOLID FLUSH DOORS, COMPLETE IN PLACE WITH FINISH HARDWARE INSTALLED, WHERE SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.

1.02 QUALITY ASSURANCE:

- A. USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK OF THIS SECTION.
- B. IN ADDITION TO COMPLY WITH PERTINENT CODES AND REQUIREMENTS OF GOVERNMENTAL AGENCIES HAVING JURISDICTIONAL AGENCIES HAVING JURISDICTION, COMPLY WITH:
- 1. "MANUAL OF MILLWORK" OF THE WOODWORK INSTITUTE OF CALIFORNIA, FOR THE GRADE OR GRADES SPECIFIED; OR 2. "ARCHITECTURAL WOODWORK QUALITY STANDARDS" OF THE ARCHITECTURAL WOODWORK INSTITUTE
- FOR THE GRADE OR GRADS SPECIFIED. 3. CERTIFICATION AND STAMPS WILL NOT BE REQUIRED.

1.03 DELIVERY, STORAGE AND HANDLING: A. DELIVERY:

- 1. DELIVER DOORS TO SITE AFTER BUILDING HAS REACHED AVERAGE PREVAILING HUMIDITY OF ITS
- LOCALITY. 2. DELIVER DOORS IN MANUFACTURER'S NAME, BRAND NAME, SIZE, THICKNESS, AND IDENTIFYING
- SYMBOL ON THE COVERING. 3. SEAL ALL FOUR EDGES OF THE UNFINISHED DOORS WHEN DELIVERED TO THE JOB SITE.
- B. STORAGE: 1. STACK DOOR FLAT ON 2 X 4 LUMBER, LAID 12" FROM ENDS AND ACROSS CENTER.
- UNDER BOTTOM DOOR AND OVER TOP OF STACK, PROVIDE PLYWOOD OR CORRUGATED CARDBOARD TO PROTECT DOOR SURFACES.
- 3. STORE DOORS IN AREA WHERE THERE WILL BE NO GREAT VARIATIONS IN HEAT, DRYNESS, AND HUMIDITY.

PART TWO - PRODUCTS

- A. PROVIDE SOLID FLUSH WOOD DOORS OF THE TYPES, DESIGNS, AND THICKNESS SHOWN ON THE DRAWINGS. LABELED OR NON-LABELED AS INDICATED AND REQUIRED, AND IN SOLID CORE OR HOLLOW CORE SHOWN ON THE DRAWINGS. APPROVED MFGR'S. HALEY BROTHERS, MARSHFIELD, VT INDUSTRIES, MOHAWK, CRAFTMASTER.
- B. GRADE: EXCEPT AS MAY BE SHOWN OTHERWISE ON THE DRAWINGS, FABRICATE THE WORK OF THIS
- SECTION TO "CUSTOM GRADE" STANDARDS OF THE REFERENCED ORGANIZATIONS. C. FOR HOLLOW CORE DOORS, PROVIDE CORE CONSTRUCTION AS NEEDED TO ACCOMMODATE FINISH HARDWARE.
- D. SPECIES:
- WHERE PAINT GRADE OR OPAQUE FINISH ARE CALLED FOR ON THE DRAWINGS, PROVIDE BIRCH OR MAPLE FACES FOR OPAQUE FINISH. 2. FOR ALL OTHER FLUSH WOOD DOORS, PROVIDE ROTARY CUT WHITE BIRCH FACES FOR
- TRANSPARENT FINISH. C. DO NOT DRAG DOORS ACROSS ONE ANOTHER; LIFT DOORS AND CARRY THEM INTO POSITION.

PART THREE - EXECUTION

3.01 SURFACE CONDITIONS: EXAMINE THE AREAS AND CONDITIONS UNDER WHICH THE WORK OF THIS SECTION WILL BE PERFORMED. CORRECT CONDITIONS DETRIMENTAL TO TIMELY AND PROPER COMPLETION OF THE WORK. DO NOT PROCEED UNTIL SATISFACTORY CONDITIONS ARE CORRECTED.

3.02 INSTALLATION:

- A. FITTING AND MATCHING:
- 1. UNLESS DOORS ARE COMPLETELY FITTED AND MACHINED AT THE MILL, FIT THEM FOR WIDTH BY PLANNING AND FIT THEM FOR HEIGHT BY SAWING.
- a. BOTTOM: 1/2" CLEARANCE MAXIMUM. b. TOP: 1/8" CLEARANCE MINIMUM. LOCK EDGE AND HINGE EDGE: BEVEL 1/8" IN 2" MAXIMUM c. LOCK EDGE AND HINGE EDGE: BEVEL $\frac{1}{6}$ " IN 2" MAXIMUM.
- 2. MACHINE DOORS FOR HARDWARE IN ACCORDANCE WITH RECOMMENDATIONS OF THE HARDWARE MANUFACTURERS, AS THOSE RECOMMENDATIONS HAVE BEEN APPROVED BY THE ARCHITECT.
- B. RECEIVE AND RETAIN CUSTODY OF FINISH HARDWARE FURNISHED FOR THE WORK OF THIS SECTION EXCEPT AS OTHERWISE DIRECTED BY THE ARCHITECT. INSTALL ALL SUCH FINISH HARDWARE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF ITS MANUFACTURER.

SECTION 08400

C. REPLACE OR RE-HANG DOORS WHICH ARE HINGE BOUND AND DO NOT SWING OR OPERATE FREELY.

ALUMINUM FRAMING (IF REQUIRED PER DRAWINGS)

PART ONE - GENERAL

1.01 SCOPE: THE WORK OF THIS SECTION INCLUDES ALUMINUM STOREFRONT MATERIAL AND WINDOW ASSEMBLIES.

PART TWO - PRODUCTS

2.01 WINDOW FRAMING: DESIGN IS BASED ON USE OF U.S. ALUMINUM SERIES 400 FRAMING, AS INDICATED ON THE DRAWINGS. FINISH SHALL BE MFGR. STD. CLEAR ANODIZED, UNLESS NOTED OTHER. IN GENERAL, MATCH EXISTING STOREFRONT SYSTEM & FINISH. EQUAL BY KAWNEER.

- 2.02 ALUMINUM SPECIALTIES: A. COLUMN COVERS AND AT SILLS OF WINDOWS, .00" ANODIZED ALUMINUM, FINISH TO MATCH FRAMING. B. DRIP STRIP AT WINDOW HEADS, .032" ANODIZED ALUMINUM, FINISH TO MATCH FRAMING.
- 2.03 CAULKING: USE ONLY HARD ALUMINUM ALLOY OR NON-MAGNETIC STAINLESS STEEL SCREWS AND BOLTS.

2.04 FASTENERS: USE ONLY HARD ALUMINUM ALLOY OR NON-MAGNETIC STAINLESS STEEL SCREWS AND BOLTS.

PART THREE - EXECUTION

3.01 GENERAL: CAREFULLY ERECT ALL WORK PLUM, TRUE, SQUARE IN OPENINGS AND SECURELY ANCHOR IN PLACE. PROTECT ALUMINUM SURFACES FROM CONTACT WITH STEEL OR MASONRY WITH TWO COATS OF ZINC CHROMATE PAINT.

3.02 FRAMING INSTALLATION: INSTALL WINDOW FRAMING AS INDICATED ON THE DRAWINGS. SET ON POLYSULFIDE CAULKING BEAD, AND SECURELY ATTACH TO WOOD SUB-FRAME.

FINISH HARDWARE SECTION 08700

1.01 WORK INCLUDED: INSTALLATION OF FINISH HARDWARE IS COVERED UNDER SECTION 06200. FURNISH ALL FINISH HARDWARE AND RELATED ITEMS NECESSARY TO COMPLETE THE WORK.

1.02 PRODUCT HANDLING: INDIVIDUALLY PACKAGE EACH UNIT OF FINISH HARDWARE COMPLETE WITH PROPER FASTENINGS AND APPURTENANCES, CLEARLY IDENTIFIED.

1.03 GUARANTEE: ANY HARDWARE, WHICH PROVES TO BE DEFECTIVE OR FAULTY WITHIN A PERIOD OF ONE YEAR, SHALL BE REPLACED AT NO COST TO THE OWNER. PART TWO - PRODUCTS

2.01 GENERAL

- A. FURNISH HARDWARE IN ACCORDANCE WITH HARDWARE SCHEDULE. FURNISH EACH KIND OF HARDWARE FROM ONLY ONE MANUFACTURER. B. FINISHES OF ALL HARDWARE SHALL MATCH THE FINISH OF THE LOCKSETS, UNLESS OTHER
- SCHEDULED FURNISH NON-REMOVABLE PINS AT OUT SWINGING EXTERIOR DOORS. D. CLOSERS: SIZE THE CLOSERS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN
- RECOMMENDATIONS. FURNISH SEX BOLTS FOR CLOSERS TO BE MOUNTED IN PARTICLE BOA MINERAL CORE DOORS.
- E. DOOR SILENCERS: FURNISH THREE SILENCERS FOR EACH STEEL DOOR FRAME. HAND OF DOOR: THE DRAWINGS SHOW THE SWING OF EACH DOOR LEAF. FURNISH EACH ITI HARDWARE FOR PROPER INSTALLATION AND OPERATION OF THE DOOR SWING AS SHOWN.
- G. FASTENERS: FURNISH ALL NECESSARY SCREWS, BOLTS, AND OTHER FASTENERS OF SUITA AND TYPE ACCORDING TO THE MATERIAL TO WHICH THE HARDWARE IS TO BE APPLIED AND T RECOMMENDATIONS OF THE HARDWARE MANUFACTURER. ALL FASTENINGS SHALL HARMO THE HARDWARE AS TO MATERIAL AND FINISH.

DIVISION 9 - FINISHES

GYPSUM DRYWALL SECTION 09250

1.02 MATERIAL HANDLING: DELIVER ALL MATERIALS IN ORIGINAL UNOPENED PACKAGES AND STOR ENCLOSED SHELTER PROVIDING PROTECTION FROM DAMAGE AND EXPOSURE TO THE ELEMENTS. DAMAGED OR DETERIORATED MATERIALS FROM THE PREMISES.

PART TWO - PRODUCTS

1.03 PRODUCT HANDLING: DELIVER PACKAGED MATERIALS AND STORE IN ORIGINAL CONTAINERS UNBROKEN AND LABELS INTACT UNTIL TIME OF USE.

PART TWO - PRODUCTS

PART THREE - EXECUTION

- 3.01 TILE INSTALLATION STANDARDS: A. COMPLY WITH APPLICABLE REQUIREMENTS OF THE FOLLOWING AMERICAN NATIONAL STAND
- INSTITUTE STANDARDS. 1. A108.4 FOR TILE INSTALLED WITH ORGANIC ADHESIVE. 2. A108.5 FOR TILE INSTALLED WITH DRY-SET PORTLAND CEMENT MORTAR OR LATEX PORT CEMENT MORTAR.
- 3. A108.6 FOR TILE INSTALLED WITH EPOXY ADHESIVE. B. COMPLY WITH MANUFACTURER'S INSTRUCTION FOR MIXING AND INSTALLATION OF PROPRIET MATERIALS.
- 3.02 INSTALLATION:

- A. EXTEND TILE WORK INTO RECESSES AND UNDER OR BEHIND EQUIPMENT AND FIXTURES, TO COMPLETE COVERING WITHOUT INTERRUPTIONS.
- B. ACCURATELY FORM INTERSECTIONS AND RETURNS. PERFORM CUTTING AND DRILLING OF T
- WITHOUT MARRING VISIBLE SURFACES. CAREFULLY GRIND CUT EDGES OF TILE ABUTTING TI OR BUILT-IN ITEMS FOR STRAIGHT ALIGNED SURFACES
- INSTALL TILE USING THE FOLLOWING SETTING BEDS AS SHOWN OR SCHEDULED. 1. QUARRY TILE FLOORS: DRY-SET PORTLAND CEMENT MORTAR OR LATEX-PORTLAND CEMI MORTAR OVER CONCRETE.
- 2. GLAZED WALL TILE. ORGANIC ADHESIVE. 3. QUARRY TILE FLOORS IN COOLER/FREEZER: SET WITH EPOXY ADHESIVE. D. UNLESS OTHERWISE SHOW, LAY TILE IN GRID PATTERN. ALIGN JOINTS WHEN ADJOINING TIL
- FLOOR, BASE, WALLS AND TRIM AREA SAME SIZE. LAYOUT TILE WORK AND CENTER TILE FIELI BOTH DIRECTIONS IN EACH SPACE. ADJUST TO MINIMIZE TILE CUTTING. PROVIDE UNIFORM. WIDTHS, UNLESS OTHERWISE SHOWN.

- 3.03 CLEANING AND PROTECTION: A. UPON COMPLETION OF PLACEMENT AND GROUTING, CLEAN ALL TILE SURFACES SO THEY ARE

2.01 GENERAL: A. FURNISH HARDWARE IN ACCORDANCE WITH HARDWARE SCHEDULE. FURNISH EACH KIND OF	B. PROVIDE RUBBER OR VINYL CORNER GUARDS BY ONE OF THE FOLLOWING MANUFACTURERS OR OWNER	PART ONE - GENERAL
 HARDWARE FROM ONLY ONE MANUFACTURER. B. FINISHES OF ALL HARDWARE SHALL MATCH THE FINISH OF THE LOCKSETS, UNLESS OTHERWISE 	APPROVED SUBSTITUTIONS. 1. JOHNSONITE MIDDLEFIELD, OHIO (216-543-8916) 2. ROPPE FOSTORIA, OHIO (419435-8546)	1.01 SCOPE: A. WHERE FIXED FOOD SERVICE EQUIPMENT ABUTS OTHER EQUIPMENT OR CONSTRUCTION, SEAL
SCHEDULED. C. FURNISH NON-REMOVABLE PINS AT OUT SWINGING EXTERIOR DOORS.	3. RC MUSSION RUBBÈR CO AKROŃ, OHIO (216773-7651) 4. MERCER PRODUCTS COMPANY, INC., - ORLANDO, FLORIDA (407578-2900)	RESULTING JOINT TO MAKE IT SANITARY FOR CLEANING PURPOSES. PROVIDE BACKER ROD WHERE REQUIRED. USE ONLY RTV ADHESIVE/SEALANT APPROVED BY NSF FOR USE IN FOOD ZONES.
D. CLOSERS: SIZE THE CLOSERS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN RECOMMENDATIONS. FURNISH SEX BOLTS FOR CLOSERS TO BE MOUNTED IN PARTICLE BOARD OF MINERAL CORE DOORS.	C. PROVIDE STAINLESS STEEL CORNER GUARDS (IF REQUIRED PER DRAWINGS) BY ONE MANUFACTURER'S ALIKE AND AS FOLLOWS: PROVIDE APPROXIMATELY 2" X 2" BY FULL WALL HEIGHT STAINLESS STEEL CORNER GUARDS AT LOCATIONS AS SHOWN ON THE DRAWINGS BY ONE OF THE FOLLOWING	PRODUCTS MEETING THIS REQUIREMENT INCLUDE THE FOLLOWING: 1. SILASTIC 732 DOW CORNING CORPORATION, MIDLAND, MI (517-496-6000) 2. SILITE DEVCON CORPORATION, DANVERS, MA (617-777-1100)
 E. DOOR SILENCERS: FURNISH THREE SILENCERS FOR EACH STEEL DOOR FRAME. F. HAND OF DOOR: THE DRAWINGS SHOW THE SWING OF EACH DOOR LEAF. FURNISH EACH ITEM OF 	MANUFACTURERS OR OWNER APPROVED SUBSTITUTIONS: 1. K.J. MILLER CORPORATION, ELKHARD, IN (800-34-7584)	3. RTV100 SERIES: GENERAL ELECTRIC COMPANY, WATERFORD, NY (518-266-2315)
HARDWARE FOR PROPER INSTALLATION AND OPERATION OF THE DOOR SWING AS SHOWN. G. FASTENERS: FURNISH ALL NECESSARY SCREWS, BOLTS, AND OTHER FASTENERS OF SUITABLE SIZE	 PAWLING CORPORATION, PAWLING, NY (914-855-1005) AMERICAN FLOOR PRODUCTS CO., INC. ROCKVILLE, MD (800-342-0424) 	B. CLEAN AND PRIME OR SPOT PRIME SURFACES TO RECEIVE SEALANT AS REQUIRED. COLOR TO BE CLEAR OR TO MATCH ADJACENT SURFACES.
AND TYPE ACCORDING TO THE MATERIAL TO WHICH THE HARDWARE IS TO BE APPLIED AND THE RECOMMENDATIONS OF THE HARDWARE MANUFACTURER. ALL FASTENINGS SHALL HARMONIZE WITH THE HARDWARE AS TO MATERIAL AND FINISH.	4. MCKINNEY/PARKER DIVISION, SCRANTON, PA (717-348-7551) OR (415-282-7800)	C. ITEMS REQUIRING SEALANT INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: 1. MOP SINK 2. THREE COMPARTMENT SINK
2.02 KEYING: KEY LOCKS IN DOORS INDIVIDUALLY. FURNISH 2 KEYS PER LOCK.	PART THREE - EXECUTION 3.01 GENERAL: INSTALL CORNER GUARDS WHERE NOTED ON THE DRAWINGS AND PER MANUFACTURER'S	3. PREP SINK 4. HAND SINKS
	WRITTEN INSTRUCTION.	 INSIDE AND OUTSIDE WALK-IN COOLER EXHAUST HOOD
DIVISION 9 - FINISHES GYPSUM DRYWALL	PEST CONTROL SECTION 10290	DIVISION 12 - FURNISHINGS (NOT USED)
SECTION 09250	PART ONE - GENERAL	DIVISION 13 - SPECIAL CONSTRUCTION (NOT USED)
PART ONE - GENERAL 1.01 SCOPE: THIS SECTION INCLUDES MATERIALS, INSTALLATION AND FINISHING OF JOINTS FOR GYPSUM	1.01 SCOPE: FURNISH LABOR, EQUIPMENT AND MATERIALS TO COMPLETE THE APPLICATION OF INSECTICIDE.	DIVISION 14 - CONVEYING SYSTEMS - MASONRY (NOT USED)
DRYWALL WALLS AND CEILINGS.	1.02 SUBMITTALS: COMPLY WITH SECTION 10750. SUBMIT SAMPLES FOR APPROVAL.	DIVISION 15 - MECHANICAL (SEE MECHANICAL DRAWINGS)
1.02 MATERIAL HANDLING: DELIVER ALL MATERIALS IN ORIGINAL UNOPENED PACKAGES AND STORE IN AN ENCLOSED SHELTER PROVIDING PROTECTION FROM DAMAGE AND EXPOSURE TO THE ELEMENTS. REMOVE	PART TWO - MATERIALS	DIVISION 16 - ELECTRICAL (SEE ELECTRICAL DRAWINGS)
DAMAGED OR DETERIORATED MATERIALS FROM THE PREMISES.	2.01 PEST CONTROL PRODUCT: PERMA - DUST PT240 BORIC - ACID - BASED INSECTICIDE BY WHITMIRE RESEARCH LABORATORIES INC., ST. LOUIS, MO (314-225-5713), OR OWNER APPROVED SUBSTITUTION.	
MAINTAIN TEMPERATURES WITHIN THE BUILDING WITHIN THE RANGE OF 50 F TO 70 F. PROVIDE ADEQUATE VENTILATION TO REMOVE EXCESS MOISTURE.	PART THREE - EXECUTION	
1.04 RELATED WORK: WOOD FRAMING IS INCLUDED IN SECTION 06100. STEEL STUD FRAMING IS INCLUDED IN	3.01 GENERAL: APPLY AT THE RATE OF 150 SQUARE FEET PER 20 OZ., AEROSOL CAN TO FLAT SIDES OF STUDS OF PERIMETER WALLS, INSIDE OF PERIMETER WALL SHEATHING TOP SIDE OF GYPSUM BOARD CEILING	
SECTION 05400. PART TWO - PRODUCTS	MATERIALS AND ALL OTHER AREAS (IF ANY) INDICATED ON THE DRAWINGS. APPLY JUST PRIOR TO COVERING OR ENCLOSING. APPLY IN STRICT CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS.	
2.01 GYPSUM BOARD: TAPERED EDGE, THICKNESS AS INDICATED ON DRAWINGS, BY GOLD BOND OR EQUAL.	TILE BACKER BOARD	
USE REGULAR $\frac{5}{8}$ " BOARD SUBSTRATE FOR ALL WET WALL LOCATIONS. INSTALL $\frac{5}{8}$ " DUROCK CEMENT BOARD BY USG, AT DEMISING WALLS LOWER 12" - SEE PLAN DETAILS.	SECTION 10310	
2.02 FASTENERS: FOR ATTACHMENT OF GYPSUM BOARD PANELS TO WOOD FRAMING AND STEEL STUD FRAMING, USE BUGLE HEAD DRYWALL SCREWS EQUAL TO GOLD BOND, OF SPACING PER MANUFACTURER'S	PART ONE - GENERAL	
RECOMMENDATIONS.	1.01 SCOPE: FURNISH LABOR, EQUIPMENT AND MATERIALS TO COMPLETE THE INSTALLATION OF CEMENTIOUS TILE BACKER BOARD.	
1.03 PRODUCT HANDLING: DELIVER PACKAGED MATERIALS AND STORE IN ORIGINAL CONTAINERS WITH SEALS	1.02 SUBMITTALS: COMPLY WITH SECTION 10750. SUBMIT SAMPLES FOR APPROVAL.	
UNBROKEN AND LABELS INTACT UNTIL TIME OF USE.	PART TWO - MATERIALS	
1.04 JOB CONDITIONS: MAINTAIN ENVIRONMENTAL CONDITIONS AND PROTECT WORK DURING AND AFTER INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.	2.01 CEMENTIOUS TILE BACKER BOARD: DUROCK CEMENT BOARD - $\frac{5}{6}$ " THICK - UNITED STATES GYPSUM COMPANY, P.O. BOX 806278, CHICAGO, IL 60680-4124.	
PART TWO - PRODUCTS	PART THREE - EXECUTION	
2.01 TILE PRODUCTS: AS SPECIFIED IN THE DRAWINGS 2.02 GROUT: AS SPECIFIED ON THE DRAWINGS	3.01 GENERAL: APPLY IN LOCATIONS AS DIRECTED IN SECTIONS AND DETAILS. USE POSITIVE ATTACHMENT OF BUGLE HEAD DRYWALL SCREWS.	
PART THREE - EXECUTION	EXTERIOR SIGNAGE SECTION 10430	
3.01 TILE INSTALLATION STANDARDS: A. COMPLY WITH APPLICABLE REQUIREMENTS OF THE FOLLOWING AMERICAN NATIONAL STANDARDS	PART ONE - GENERAL	
INSTITUTE STANDARDS. 1. A108.4 FOR TILE INSTALLED WITH ORGANIC ADHESIVE. 2. A108.5 FOR TILE INSTALLED WITH DRY-SET PORTLAND CEMENT MORTAR OR LATEX PORTLAND	1.01 SCOPE: FURNISH LABOR, EQUIPMENT AND MATERIALS TO COMPLETE THE INSTALLATION OF ALL EXTERIOR	SPECIAL INSTRUCTIONS - DIVISIONS AND SITE CONDITIONS
 CEMENT MORTAR. A108.6 FOR TILE INSTALLED WITH EPOXY ADHESIVE. 	SIGNAGE. PART TWO - MATERIALS	JOB LOCATION AND DIMENSIONS: BEFORE DOING ANY SUCH WORK OR ORDERING MATERIALS
B. COMPLY WITH MANUFACTURER'S INSTRUCTION FOR MIXING AND INSTALLATION OF PROPRIETARY MATERIALS.	2.01 EXTERIOR SIGNAGE:	DEPENDANT FOR PROPER LOCATION OR SIZE OF INSTALLATION UPON COORDINATION WITH BUILDING CONDITIONS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS BY TAKING LINES AND MEASUREMENTS AT THE SITE AND SHALL BE RESPONSIBLE FOR
 3.02 INSTALLATION: A. EXTEND TILE WORK INTO RECESSES AND UNDER OR BEHIND EQUIPMENT AND FIXTURES, TO FORM A COMPLETE COVERING WITHOUT INTERRUPTIONS. 	 A. OWNER SHALL SUPPLY ALL EXTERIOR SIGNAGE. INSTALLATION OF SIGNAGE BY THIRD PARTY. B. CONTRACTOR SHALL COORDINATE ELECTRICAL INSTALLATION AND FINAL ELECTRICAL CONNECTIONS FOR EXTERIOR SIGNAGE UNLESS OTHERWISE INDICATED. 	CORRECTNESS OF SAME. NO CONSIDERATION WILL BE GIVEN ANY CLAIM BASED ON DIFFERENCES BETWEEN ACTUAL LOCATIONS AND DIMENSIONS AND THOSE SHOW ON THE
B. ACCURATELY FORM INTERSECTIONS AND RETURNS. PERFORM CUTTING AND DRILLING OF TILE WITHOUT MARRING VISIBLE SURFACES. CAREFULLY GRIND CUT EDGES OF TILE ABUTTING TRIM, FINISH	FOR EATERIOR SIGNAGE UNLESS OTHERWISE INDICATED.	DRAWINGS.
OR BUILT-IN ITEMS FOR STRAIGHT ALIGNED SURFACES. INSTALL TILE USING THE FOLLOWING SETTING BEDS AS SHOWN OR SCHEDULED.	INTERIOR SIGNAGE (IF REQUIRED PER DRAWINGS) SECTION 10440	LAYING OUT OF THE WORK: BEFORE COMMENCING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL GRADES, LINES, VOLTAGES, MECHANICAL CHASES, PLUMBING WASTE & SUPPLY LINES, ROOF CONDITIONS, STRUCTURAL ELEMENTS, LEVELS AND DIMENSIONS AS INDICATED ON THE
 QUARRY TILE FLOORS: DRY-SET PORTLAND CEMENT MORTAR OR LATEX-PORTLAND CEMENT MORTAR OVER CONCRETE. GLAZED WALL TILE. ORGANIC ADHESIYE. 	PART ONE - GENERAL	DRAWINGS. HE SHALL REPORT ANY ERRORS AND INCONSISTENCIES IN THEM BEFORE BEGINNING ANY WORK.
 QUARRY TILE FLOORS IN COOLER/FREEZER: SET WITH EPOXY ADHESIVE. UNLESS OTHERWISE SHOW, LAY TILE IN GRID PATTERN. ALIGN JOINTS WHEN ADJOINING TILES ON 	1.01 SCOPE: FURNISH LABOR, EQUIPMENT AND MATERIALS TO COMPLETE THE INSTALLATION OF ALL INTERIOR SIGNAGE:	CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL CONSTRUCTION LINES, LEVELS
FLOOR, BASE, WALLS AND TRIM AREA SAME SIZE. LAYOUT TILE WORK AND CENTER TILE FIELDS IN BOTH DIRECTIONS IN EACH SPACE. ADJUST TO MINIMIZE TILE CUTTING. PROVIDE UNIFORM JOINT	PART TWO - MATERIALS	AND GRADES, AND DIMENSIONS AS INDICATED ON THE DRAWINGS AND FOR OTHERWISE FULLY & COMPLETELY LAYING OUT ALL WORK UNDER THE CONTRACT.
WIDTHS, UNLESS OTHERWISE SHOWN. E. INSTALL EXPANSION JOINTS MAXIMUM 16' - O.C., IN EACH DIRECTION.	2.01 INTERIOR SIGNAGE: A. OWNER SHALL SUPPLY ALL INTERIOR SIGNAGE. INSTALLATION OF SIGNAGE BY THIRD PARTY	DRAWINGS AND SPECIFICATIONS: THE DRAWINGS ARE PRESUMABLY CORRECT BUT THE CONTRACTOR SHALL CHECK ALL FIGURES AND NOTIFY THE DESIGNER IF ANY ERRORS ARE
3.03 CLEANING AND PROTECTION:	 B. CONTRACTOR SHALL SUPPLY AND INSTALL ALL REQUIRED BLOCKING IN WALLS AS REQUIRED. C. CONTRACTOR SHALL COORDINATE ELECTRICAL INSTALLATION AND FINAL ELECTRICAL CONNECTIONS 	DISCOVERED THEREIN. IF ANY DISPUTES ARISE AS TO THE TRUE INTENT AND MEANING OF THE DRAWINGS AND OR SPECIFICATIONS, SAME SHALL BE REFERRED TO THE DESIGNER, WHOSE DECISION SHALL BE FINAL ON SUCH POINTS. THE FOLLOWING PRINCIPLES SHALL GOVERN THE
 A. UPON COMPLETION OF PLACEMENT AND GROUTING, CLEAN ALL TILE SURFACES SO THEY ARE FREE OF FOREIGN MATTER. B. LEAVE FINISHED INSTALLATION CLEAN AND FREE OF CRACKED, CHIPPED, BROKEN, LUN-BONDED OR 	FOR INTERIOR SIGNAGE UNLESS OTHERWISE INDICATED.	SETTLEMENT OF DISPUTES WHICH MAY ARISE OVER DISCREPANCIES IN THE CONTRACT DOCUMENTS:
 OTHERWISE DEFECTIVE TILE WORK. C. PROHIBIT FOOT AND WHEEL TRAFFIC FROM USING TILE FLOORS FOR AT LEAST THREE (3) DAYS AFTER 	FIRE EXTINGUISHERS SECTION 10520	A. AS BETWEEN LARGE SCALE DRAWINGS AND SMALL SCALE DRAWINGS, THE LARGER SCALE SHALL GOVERN.
GROUTING IS COMPLETED. D. COVER ALL TILE FLOORS WITH "KRAFT PAPER" IN ALL AREAS AND DO NOT REMOVE THE PAPER UNTIL	PART ONE - GENERAL	B. AS BETWEEN SCALE OF DRAWINGS AND WRITTEN DIMENSIONS THERE ON, THE WRITTEN DIMENSIONS SHALL GOVERN. C. AS BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE REQUIREMENTS ON THE MORE
FINAL CLEAN UP AT COMPLETION OF CONSTRUCTION.	1.01 SCOPE: FURNISH LABOR, EQUIPMENT AND MATERIALS TO COMPLETE THE INSTALLATION OF ALL FIRE	STRINGENT SHALL GOVERN. D. AS BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CONTRACT AGREEMENT, THE
SECTION 09500	EXTINGUISHERS.	REQUIREMENTS OF THE CONTRACT AGREEMENT SHALL GOVERN.
PART ONE - GENERAL	PART TWO - MATERIALS	CORRELATION AND INTENT OF CONTRACT DOCUMENTS: THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND ANYTHING CALLED FOR OR SHOWN ON ANY ONE OF THE CONTRACT DOCUMENTS SHALL HAVE LIKE EFFECT AND BE AS BINDING AS IF CALLED FOR OR SHOWN ON
1.01 SCOPE: FURNISH LABOR, EQUIPMENT, AND MATERIALS TO COMPLETE THE INSTALLATION OF ALL LAY-IN CEILING MATERIALS AND SUSPENSION SYSTEMS.	2.01 FIRE EXTINGUISHERS: FIRE EXTINGUISHERS SHALL BE MULTIPURPOSE DRY CHEMICAL TYPE RATE 4-A, 60-BC, 10LB. NORMAL CAPACITY,K IN ENAMELED STEEL CONTAINER, FOR CLASS A, CLASS B AND CLASS C FIRES. PROVIDE MANUFACTURER'S STANDARD BRACKET FOR EXTINGUISHER UL AND FM LISTED UNIT AS	ALL THE DOCUMENTS.
1.02 SUBMITTALS: COMPLY WITH SECTION 10750. SUBMIT SAMPLES FOR APPROVAL.	MANUFACTURED BY ONE OF THE FOLLOWING: 1. J.L. INDUSTRIES	
1.03 JOB CONDITIONS: NO WORK IS TO BE STARTED UNTIL ALL EXTERIOR OPENINGS ARE CLOSED IN. ALL WET	 LARSEN'S MANUFACTURING COMPANY MUCKLE MANUFACTURING DIVISION OF TECHNICO, INC. 	
WORK SHALL BE COMPLETED AND DRIED BEFORE WORK IS STARTED.	 PROFILE INTERNATIONAL, INC. BADGER 	
2.01 CEILING PANELS: COLOR, TYPE, PATTERN, SIZE, ETC., AS SCHEDULED AND SHOWN ON THE	PART THREE - EXECUTION	
DRAWINGS. EXPOSED GRID SUSPENSION SYSTEM. CHICAGO METALLIC NO 200 SERIES SNAP GRID SYSTEM WITH WALL ANGLES, NO. 1409, LO-GLOSS WHITE BAKED ENAMEL PAINT FINISH.	3.01 GENERAL: CONTRACTOR SHALL INSTALL FIRE EXTINGUISHERS AS INDICATED ON THE DRAWINGS OR IF NOT INDICATED ON THE DRAWINGS, AS DIRECTED BY THE LOCAL FIRE MARSHAL TO COMPLY WITH	
EQUAL BY ARMSTRONG, PRELU PART THREE - EXECUTION	APPLICABLE GOVERNING REGULATIONS.	
3.01 INSTALLATION: IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTION, SUSPEND MAIN	SECTION 10800	
TEES IN PLACE AT EVERY INTERSECTION WITH MAIN RUNNERS, AND WALL ANGLES WITH ENDS OF TEES RESTING ON BOTTOM FLANGE. SECURE WALL ANGLES TO SUBSTRATE WITH EXTRA ANGERS IF REQUIRED. SUSPEND SURFACE MOUNTED FIXTURES FROM BUILDING STRUCTURE AND PULL TIGHTLY AGAINST CEILING.	PART ONE - GENERAL	
COORDINATE WITH THE ELECTRICAL CONTRACTOR REGARDING SUSPENSION OF ELECTRICAL CEILING FIXTURES FROM THE CEILING SUSPENSION.	1.01 SCOPE: THE WORK IN THIS SECTION INCLUDES ACCESSORIES IN TOILETS.	
3.02 CLEAN-UP: AT COMPLETION OF THE WORK, REMOVE ALL SCAFFOLDING, CONTAINERS AND OTHER	2.01 ACCESSORIES: PROVIDE TOILET ACCESSORIES TO MEET AMERICANS WITH DISABILITIES ACT	
RUBBISH FROM THIS PORTION OF THE WORK FROM THE SITE. LEAVE ALL TILE SUPPORTING MEMBERS FIRMLY AND SECURELY ANCHORED, FREE OF FINGER MARKS OR SMUDGES AND IN PERFECT CONDITION.	PART THREE - EXECUTION	
DIVISION 10 - SPECIALTIES	3.01 INSTALLATION: ERECT ITEMS IN A RIGID SUBSTANTIAL MANNER, IN CORRECT POSITIONS, AND LEVEL & PLUM. FULLY TRIM IN WHERE REQUIRED. INSTALL TOILET ACCESSORIES PER ADAAG GUIDELINES.	
CORNER GUARDS (IF REQUIRED PER DRAWINGS)		
SECTION 10260	DIVISION 11 - EQUIPMENT FOOD SERVICE EQUIPMENT	
1.02 SUBMITTALS: COMPLY WITH SECTION 10750. SUBMIT SAMPLES FOR APPROVAL. DE 15 /6"	SECTION 11400ACCESSIBILITY GUIDELINES (ADAAG) AS SHOWN ON THE DRAWINGS AND OR OWNER APPROVED	
PART TWO - MATERIALS		
2.01 CORNER GUARDS: A. APPROXIMATE SIZE SHALL BE 2" X 2" FULL HEIGHT. COLOR SHALL BE WHITE OR CLEAR TO MATCH		
ADJACENT WALL FINISHES. VERIFY COLOR WITH CONSTRUCTION MANAGER.		

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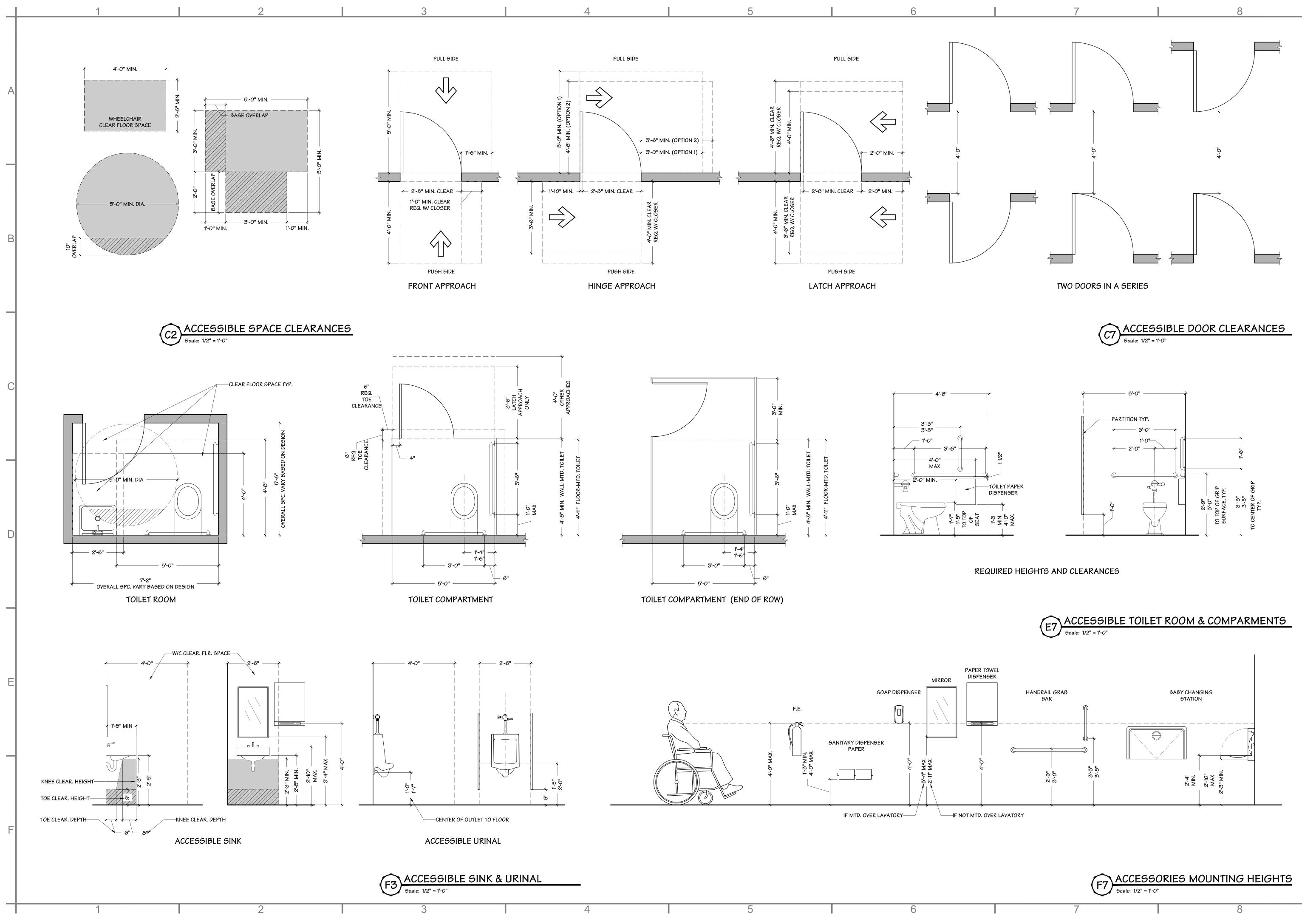
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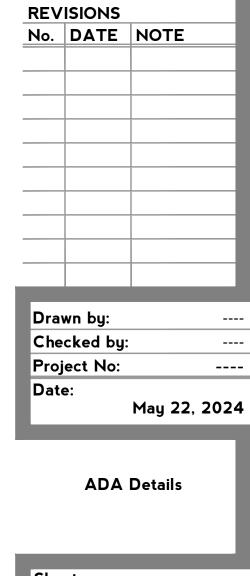


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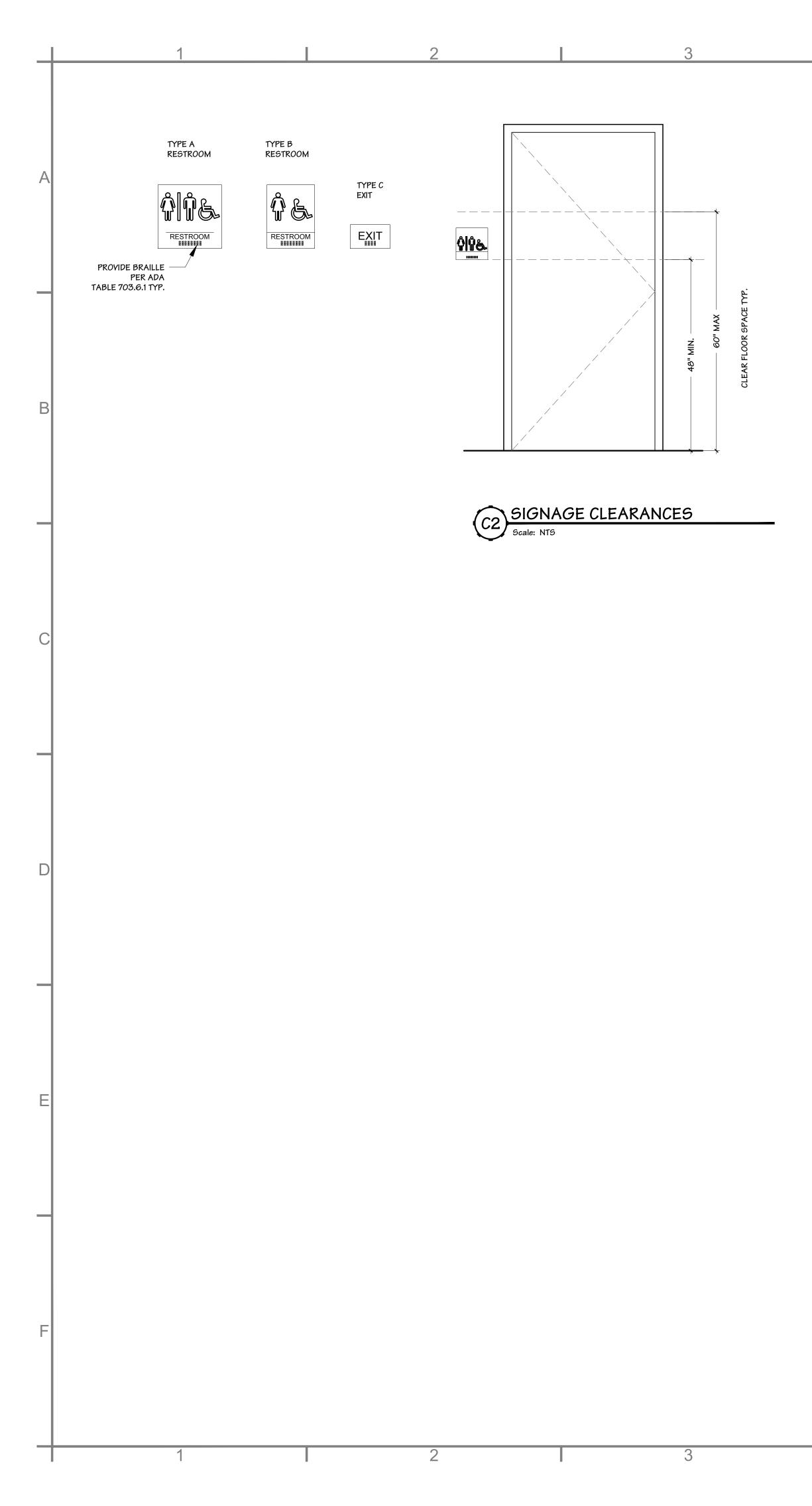


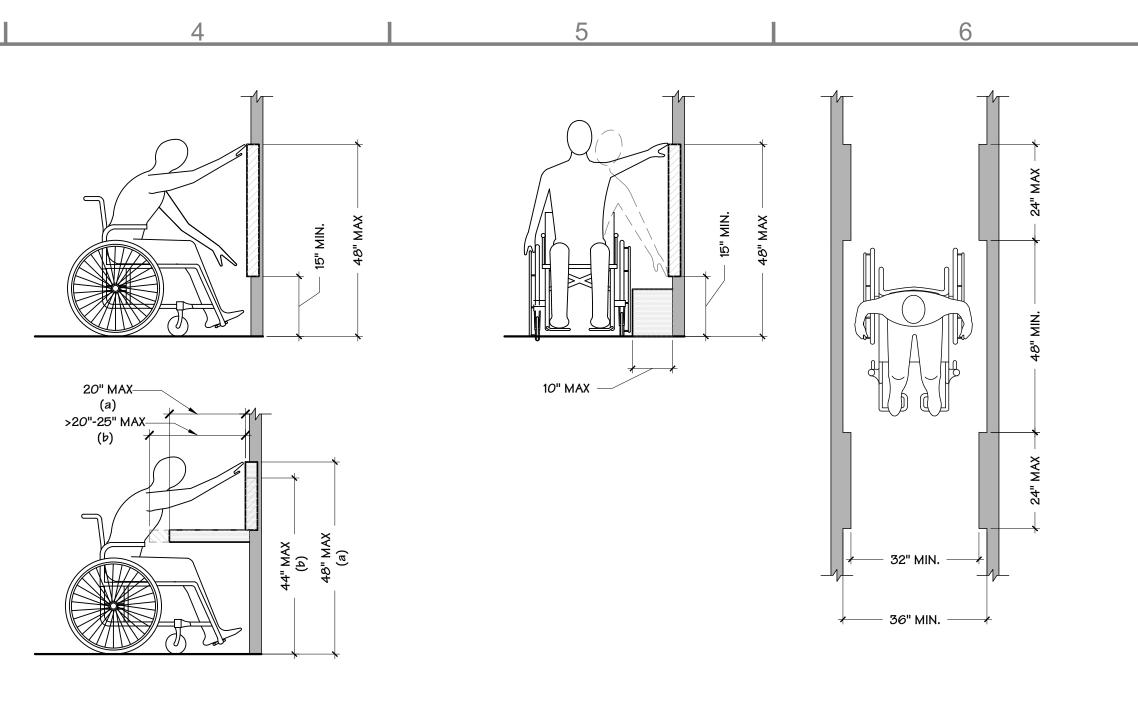
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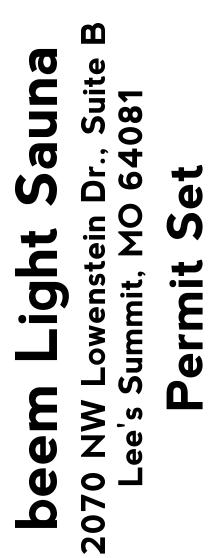


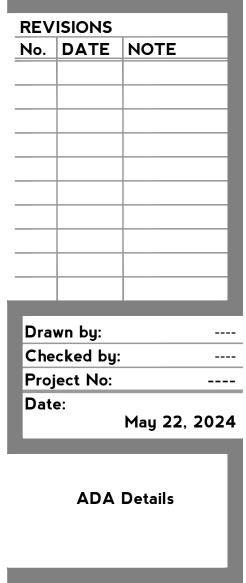




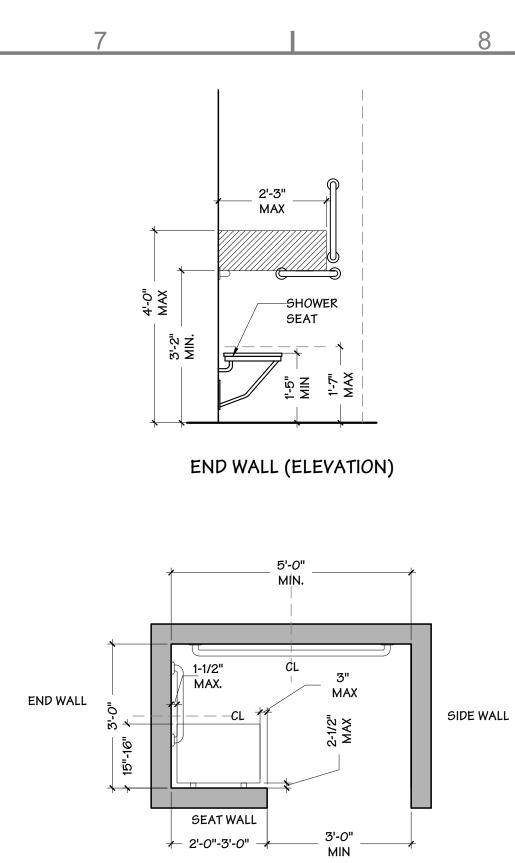
C5 ACCESSIBLE FLOOR & REACH LIMITS Scale: 1/2" = 1'-0"











ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE Scale: 1/2" = 1'-0"

SHOWER ROOM W/ SEAT (PLAN)

HIS CHART IS PROVIDED FOR REFERENCE ONLY. THE GENERAL CO COPE OF WORK ITEMS LISTED BELOW. CONFLICTS BETWEEN THIS (IMEDIATELY FOR CLARIFICATION.	NTRACTOR IS RESPONS CHART AND THE REST (GIBLE FO	DR ALL V DRAWIN	/ORK DESCR 35 TO BE BK	BED IN THI OUGHT TO	CONSTRUCTION DOCUMENTS. SEE ADDITIONAL	BILITY CHART LEGEND: 0 = OWNER (TENANT) GC = GENERAL CONTRACTOR OC = OWNER'S VENDOR (GC TO COORDINATE W/ OWNER) PS = WORK TO BE PERMITTED SEPARATELY OF THIS APPROVAL								
TEM (SPECIFICATION SECTION)	FURNISHED		INSTA	LED	6	REMARKS	ITEM (SPECIFICATION SECTION)	FURN	ISHED		IN:	STALLED	>	9	REMARKS
	O GC OC	PS	0	GC OC	PS			0	GC	OC F	5 C	GC	сос	P5	
DIVISION- 1 GENERAL REQUIREMENTS	•			•			DIVISION- 11 EQUIPMENT WASHER/ DRYER (STACKED UNITS)	•							
STARTING AND ADJUSTING	•			•			U/C REFRIGERATOR	•				•			
ONSTRUCTION AND BARRICADES	•			•			U/C REFRIGERATOR - CUSTOM PANEL FRONT SAUNA LIGHT THERAPY STATIONS	•			╪	—	•		
IVISION- 2 EXISTING CONDITIONS EMOLITION	•			•			DIVISION- 12 FURNISHINGS RECEPTION WATERFALL TABLE	•			+		_		GC TO COORDINATE POWER
							RECEPTION HANGING APPAREL RACK		•			•			
DIVISION- 3 CONCRETE							RED LIGHT THERAPY BED/ LIGHT TRACK	•				•			
CONCRETE INFILL	•			•		CONCRETE INFILL TO MATCH THE COLOR/ COMPOSITION OF THE EXISTING CONCRETE	HALLWAY MIRROR		•			•			
CONCRETE SLAB FLOOR PREPARATION	•			•		SLAB AS CLOSELY AS POSSIBLE. RE: A-114 FOR FLOORING/FINISHES	SOCIAL SPACE/ SEATING FURNITURE				\pm		<u> </u>		
							WALL TIMER	•			-	•			
VIVISION- 4 MASONRY							WORK AREA- FOLDING TABLE/ LAUNDRY BASKETS	•			-	,			
							WORK AREA- SUPPLEMENTAL STORAGE	•			•				
IVISION- 5 METAL TRUCTURAL STEEL							SAUNA ROOM STORAGE RESTROOM, SHOWER & SAUNA SHELVING	•			<u>+</u>	<u> </u>	\pm		RE: A-1
IGHT GAUGE METAL FRAMING	•	-		•			DECOR	•			•	,			
IETAL FABRICATION	•			•		AS MAY BE REQUIRED					-		+		
PIVISION- 6 WOOD AND PLASTICS							DIVISION- 13 SPECIAL CONSTRUCTION								
UNNING TRIM & MOULDINGS - N/A	•			•		2F A 447 A 501					┰				
ECEPTION MILLWORK	•			•		RE: A-113, A-501 A15/ A-501	DIVISION- 14 CONVEYING EQUIPMENT				Ŧ				
VORK AREA BASE AND WALL CABINETS	•			•		RE: A-113, A-501	DIVISION- 21 FIRE SUPRESSION								
DIVISION- 7 THERMAL AND MOISTURE PROTECTION							FIRE SPRINKLER SYSTEM		•		•	•	_		FIELD VERIFY
HERMAL AND SOUND INSULATION BEALANTS	•			•			DIVISION- 22 PLUMBING								
							NEW WATER / SEWER CONNECTIONS TO EXISTING PIPING		•		\square	•			RE: PLUMBING DRAWINGS
IVISION- 8 DOORS AND FRAMES	•			•			NEW PLUMBING FIXTURES (UNO) WATER HEATER		•			•	-		RE: PLUMBING DRAWINGS RE: PLUMBING DRAWINGS
							RESTROOM/ SHOWER SINK & FAUCET		•			•			
VOOD DOORS DOOR HARDWARE	•			•		COORDINATE KEYING WITH OWNER	WATER DISPENSER SHOWER PAN		•		_	•			RE: PLUMBING DRAWINGS
GLAZING- N/A							DIVISION- 23 MECHANICAL								
BTOREFRONT SYSTEM- N/A							AIR HANDLING UNITS DUCTWORK/ GRILLES		•		_	•	-		RE: MECHANICAL DRAWINGS RE: MECHANICAL DRAWINGS
CONCRETE SLAB- STAIN FINISH	•			•		REFER TO SHEET A-114	THERMOSTATS		•			•			RE: MECHANICAL DRAWINGS
	•			•											
VALL TILE BEALER FOR EXISTING CONCRETE	•			•			DIVISION- 25 INTEGRATED AUTOMATION								
PAINT	•			•		RE: A-114	DIVISION- 26 ELECTRICAL								
ALL ITEMS IN EXPOSED STRUCTURAL AREAS TO BE PAINTED	•			•		RE: A-114 RE: A-112, A-114	NEW PANEL, BREAKERS, TRANSFORMER AND SWITCHES ELECTRICAL PANEL		•		+	•	_		
							LIGHTING		•		_	•	-		
							LAMPS EXTERIOR SIGNAGE		•	•	+	•	•		POWER BY E.C
DIVISION- 10 SPECIALTIES							EXTERIOR EMERGENCY LIGHTING, IF REQUIRED		•		_	•			
WALL MOUNTED SOAP DISPENSERS	•			•		*CONFIRM W/OWNER	SECURITY ALARM CONDUIT & PULL STRING FOR PHONES, POS AND A/V			•	+		•		POWER BY E.C
PAPER TOWEL DISPENSER TOILET TISSUE DISPENSERS	•			•		*CONFIRM W/OWNER *CONFIRM W/OWNER	A/Y EQUIPMENT		•	•	+	•	•		POWER BY E.C
							FIRE ALARM		•		•	•			
OWEL BARS VASTE RECEPTACLE (RESTROOM)	•			•			CHANDELIER FIXTURE 'A' PHONE SYSTEM		•	•	+	•	•		WALL BOX AND CONDUIT BY GC
				-											
GRAB BARS	•			•			MISCELLANEOUS				┢	_			
RESTROOM MIRRORS (BACKLIT)	•			•		POWER AS REQUIRED	WIFI	•			•	,			
THERAPY ROOM MIRRORS (BACKLIT)	•			•		POWER AS REQUIRED	ADA IDENTIFYING DEVICES (RESTROOM SIGNAGE) SPEAKERS	•	•		╡.	•			
BHOWER SEAT	•			•			PLANTS/ GREENERY	•			•				
HAMPOOI CONDITIONER DISPENSER	•			•							+				
											+	+			
OINT OF SALE AND DATA: CONDUITS AND PULL STRINGS	•	-		•			UTILITIES								
ABLING	•		•			ROUGH-IN BOXES BY EC AS REQUIRED	GAS SERVICE AND METER - N/A				┭	-	-		
OWER	•			•		ROUGH-IN BOXES BY LC AS REQUIRED. COORDINATE WITH OWNER	WATER SERVICE AND METER				+	+	+		RE: PLUMBING DRAWINGS
NTERTAINMENT (AUDIO VISUAL):							SEWER				1	<u> </u>	1		RE: PLUMBING DRAWINGS
V CONSOLE & EQUIPMENT ONDUITS AND PULL STRINGS	•			•			ELECTRICAL SERVICE AND METER				+	—			RE: PLUMBING DRAWINGS
V'S AND BRACKETS											\pm	<u> </u>			
PEAKERS	•		•			POWER BY E.C.					+	_			
BIGNAGE: INTERIOR	•			•		POWER BY E.C.					\pm	<u> </u>			
IGNAGE: EXTERIOR	•			•	PS	PERMITTING BY SIGNAGE SUBCONTRACTOR; POWER BY E.C.									
IRE EXTINGUISHERS	•			•		IF NOT EXISTING, AS REQUIRED BY CODE					+	_			
		-		-										<u> </u>	J

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	ABOVE	F A		
ABV	ABOVE	FA	FIRE ALARM	РН
A/C	AIR CONDITIONING, AIR CONDITIONER	FACP	FIRE ALARM CONTROL PANEL	PLAM
		FCO	FLOOR CLEANOUT	PLBG
ACOUST	ACOUSTICAL	FE	FIRE EXTINGUISHER	PLYW
ADA	AMERICANS WITH DISABILITIES	FF, FFE	FINISH FLOOR,	PNL
	ACT		FINISH FLOOR ELEVATION	
ADAAG	AMERICANS WITH DISABILITIES	FLR	FLOOR	PT
	ACT ACCESSIBILITY GUIDELINES	FR		PVC
401			FIRE RETARDANT	
ADJ	ADJUSTABLE	FRP	FIBERGLASS REINFORCED	QTY
A.F.F.	ABOVE FINISH FLOOR		PLASTIC	
AHJ	AUTHORITY HAVING JURISDICTION	FT	FEET	RA
ALUM	ALUMINUM			RCP
AMP	AMPERES	GA	GAUGE, GAGE	RD
ANSI	AMERICAN NATIONAL	GALV	GALVANIZED	
	STANDARDS INSTITUTE	GC	GENERAL CONTRACTOR	RE:, R
			GROUND FAULT (CIRCUIT)	REINF
ARCH	ARCHITECTURAL	GFI, GFCI	INTERRUPTER	REQD
AV	AUDIO VISUAL			REV
		GPM	GALLONS PER MINUTE	RM
вD	BOARD	GRND	GROUND	RO
BFF	BELOW FINISH FLOOR	GW	GREASE WASTE	
			GYPSUM BOARD	RTU
BKR	BREAKER	GYP BD		
BLDG	BUILDING			SA
во	BOTTOM OF	НВ	HOSE BIB	SECT
BRG	BEARING	HORIZ	HORIZONTAL	SF
BTU	BRITISH THERMAL UNIT	HT, HGT	HEIGHT	SIM
		HTR	HEATER	
C 1	CONTROL LOINT	НУАС	HEATING, VENTILATION &	SGL
CJ	CONTROL JOINT	111770	AIR CONDITIONING	SPEC
C, CL	CENTERLINE			5.5.
		HW	HOT WATER	55
СКТ	CIRCUIT			STD
CLG	CEILING	IBC	INTERNATIONAL BUILDING CODE	STL
CLR	CLEAR	ID	INSIDE DIAMETER	
		IN	INCHES	STRU
CMU	CONCRETE MASONRY UNIT			SURF
со	CLEANOUT	INT	INTERIOR	
COL	COLUMN			THRU
CONC	CONCRETE	J-BOX	JUNCTION BOX	тот
CONN	CONNECT, CONNECTION			TO, T.
CONT	CONTINUOUS	LBS	POUNDS	
		LF	LINEAR FEET	TSTA
COTG	CLEANOUT TO GRADE			TYP
CW	COLD WATER	LTG	LIGHTING	
				UG
DBL	DOUBLE	МАХ	ΜΑΧΙΜUΜ	UNO
DF	DRINKING FOUNTAIN	МВМ	METAL BUILDING	
DIA	DIAMETER		MANUFACTURER	
		мс		VERT
DIM	DIMENSION		MECHANICAL CONTRACTOR	VTR
DISC	DISCONNECT	MDP	MAIN DISCONNECT PANEL	
DP	DEEP, DEPTH	MECH	MECHANICAL	w/
DS	DOWNSPOUT	MFR	MANUFACTURER	w/o
DWG	DRAWING	MIN	МІЛІМИМ	w
		MISC	MISCELLANEOUS	
-,		MO	MASONRY OPENING	WCO
EA	EACH			WH
EC	ELECTRICAL CONTRACTOR	MTD	MOUNTED	WP
EIFS	EXTERIOR INSULATION AND	MTL	METAL	WWF
	FINISH SYSTEM			
EJ	EXPANSION JOINT	N/A	NOT APPLICABLE	XFRM
ELEV	ELEVATION	NEC	NATIONAL ELECTRICAL CODE	
		NIC	NOT IN CONTRACT	
ELEC	ELECTRICAL			
ENCL	ENCLOSURE	NTS	NOT TO SCALE	
EQ	EQUAL			
ETC	UNSPECIFIED ADDITIONAL ITEMS	0A, 0/A	OVERALL	N
EWC	ELECTRIC WATER COOLER	ос	ON CENTER	
		OD		
EWH	ELECTRIC WATER HEATER			
EXH	EXHAUST	OFCI	OWNER FURNISHED	
EXIST	EXISTING		CONTRACTOR INSTALLED	
EXT	EXTERIOR	он	OVERHEAD	
EX	EXISTING	OPNG	OPENING	
L7		OPP HAND	OPPOSITE HAND	
-				-

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BLUESTONE PARTNERS, LLC 4708 N. FM. 1417 Sherman, Texas 75092 903.813.1415 www.bluestonebuild.com OF MI.



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REV	REVISIONS						
No.	DATE	NOTE					
Drav	wn by:						
Che	cked by:						
Proj	ect No:						
Date							
		May 22, 2024					

Responsibility Matrix



RETURN AIR REFLECTED CEILING PLAN ROOF DRAIN REFER TO, REFERENCE REINFORCING REQUIRED REVISION ROOM ROUGH OPENING

PHASE

PLUMBING PLYWOOD PANEL

QUANTITY

PLASTIC LAMINATE

PRESSURE TREATED

POLYVINYL CHLORIDE

ROOF TOP UNIT SUPPLY AIR SECTION SQUARE FEET SIMILAR SINGLE SPECIFICATION

STAINLESS STEEL SANITARY SEWER STANDARD STEEL STRUCTURAL SURFACE

THROUGH TOTAL TOP OF THERMOSTAT TYPICAL

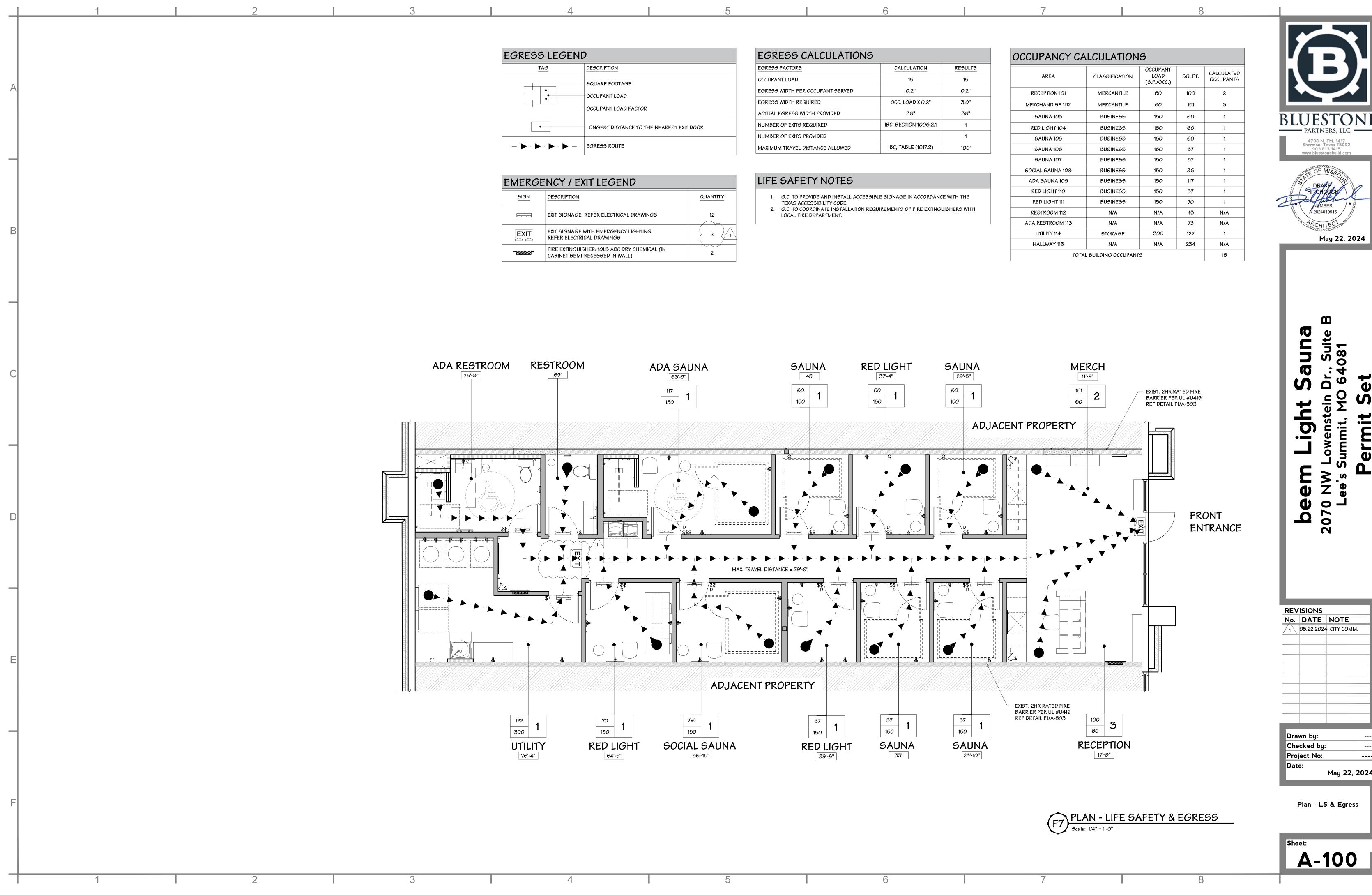
UNDERGROUND UNLESS NOTED OTHERWISE

VERTICAL VENT THROUGH ROOF

WITH WITHOUT WASTE WALL CLEANOUT WATER HEATER WEATHERPROOF WELDED WIRE FABRIC

TRANSFORMER

OTES: 1. ALL ABBREVIATIONS SHOWN MAY NOT BE APPLICABLE TO THE PROJECT.



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EGRESS LEGEND				
TAG	DESCRIPTION			
	- SQUARE FOOTAGE - OCCUPANT LOAD - OCCUPANT LOAD FACTOR			
•	LONGEST DISTANCE TO THE NEAREST EXIT DOOR			
	EGRESS ROUTE			

EMERGENCY / EXIT LEGEND					
SIGN	DESCRIPTION	QUANTITY			
5-3	EXIT SIGNAGE. REFER ELECTRICAL DRAWINGS	12			
EXIT	EXIT SIGNAGE WITH EMERGENCY LIGHTING. REFER ELECTRICAL DRAWINGS				
	FIRE EXTINGUISHER: 10LB ABC DRY CHEMICAL (IN CABINET SEMI-RECESSED IN WALL)	2			

EGRESS CALCULATIONS					
EGRESS FACTORS	CALCULATION	REGULTS			
OCCUPANT LOAD	15	15			
EGRESS WIDTH PER OCCUPANT SERVED	0.2"	0.2"			
EGRESS WIDTH REQUIRED	OCC. LOAD X 0.2"	3.0"			
ACTUAL EGRESS WIDTH PROVIDED	36"	36"			
NUMBER OF EXITS REQUIRED	IBC, SECTION 1006.2.1	1			
NUMBER OF EXITS PROVIDED		1			
MAXIMUM TRAVEL DISTANCE ALLOWED	IBC, TABLE (1017.2)	100'			
LIFE SAFETY NOTES					
 G.C. TO PROVIDE AND INSTALL ACCESSIBLE SIGNAGE IN ACCORDANCE WITH THE TEXAS ACCESSIBILITY CODE. G.C. TO COORDINATE INSTALLATION REQUIREMENTS OF FIRE EXTINGUISHERS WITH LOCAL FIRE DEPARTMENT. 					

7		

OCCUPANCY CALCULATIONS					
AREA	CLASSIFICATION	OCCUPANT LOAD (S.F./OCC.)	SQ. FT.	CALCULATED OCCUPANTS	
RECEPTION 101	MERCANTILE	60	100	2	
MERCHANDISE 102	MERCANTILE	60	151	3	
SAUNA 103	BUSINESS	150	60	1	
RED LIGHT 104	BUSINESS	150	60	1	
SAUNA 105	BUSINESS	150	60	1	
SAUNA 106	BUSINESS	150	57	1	
SAUNA 107	BUSINESS	150	57	1	
SOCIAL SAUNA 108	BUSINESS	150	86	1	
ADA SAUNA 109	BUSINESS	150	117	1	
RED LIGHT 110	BUSINESS	150	57	1	
RED LIGHT 111	BUSINESS	150	70	1	
RESTROOM 112	N/A	N/A	43	N/A	
ADA RESTROOM 113	N/A	N/A	73	N/A	
UTILITY 114	STORAGE	300	122	1	
HALLWAY 115	N/A	N/A	234	N/A	
TOTAL	15				



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GENERAL NOTES

1. ELECTRICAL SERVICE - LL TO PROVIDE ONE 120/208 VOLTS, 400 AMP SERVICE INSTALLED AT LEASED PREMISES. PANELS SHALL CONSIST OF TWO 400 AMP PANELS INCLUDING BREAKERS FED FROM DISCONNECT SWITCHES. LANDLORD, AT LANDLORDS SOLE COST, WILL SEPARATE THE ELECTRICAL PANELS WITHIN THE SUITE FOR TENANT. DUPLEX OUTLETS ABOVE STOREFRONT AT 10'-O" OR AS REQUIRED BY CODE. CONDUIT PROVIDED FOR ONE (1) CIRCUIT FOR TENANT SIGNAGE LOCATED ABOVE FRONT WALL. TENANT WILL CONTACT UTILITY COMPANY AND HAVE THE SERVICE PLACED IN TENANT'S NAME UPON DELIVERY OF LEASED PREMISES. LANDLORD TO PROVIDE AT LEAST 66 PANEL BREAKERS.

2. WATER SERVICE - LL TO PROVIDE 1" DOMESTIC WATER LINE FROM LOCAL MAIN TO LEASED PREMISES WITH PRIVATE SUB-METER. ALL COSTS ASSOCIATED WITH MOVING THE EXISTING PLUMBING/WATER SERVICE CURRENTLY INSTALLED ARE THE TENANT'S SOLE COST AND RESPONSIBILITY.

3. GAS SERVICE - LL TO INSTALL ADEQUATE GAS LINE AND METER TO BUILDING. PIPING TO ROOF SHALL BE ADEQUATELY SIZED TO ACCOMMODATE THE HVAC UNITS. INSTALL A GAS LINE STUBBED INTO THE LEASED PREMISES IN ADDITION TO THE GAS LINE SERVING THE HVAC UNITS.

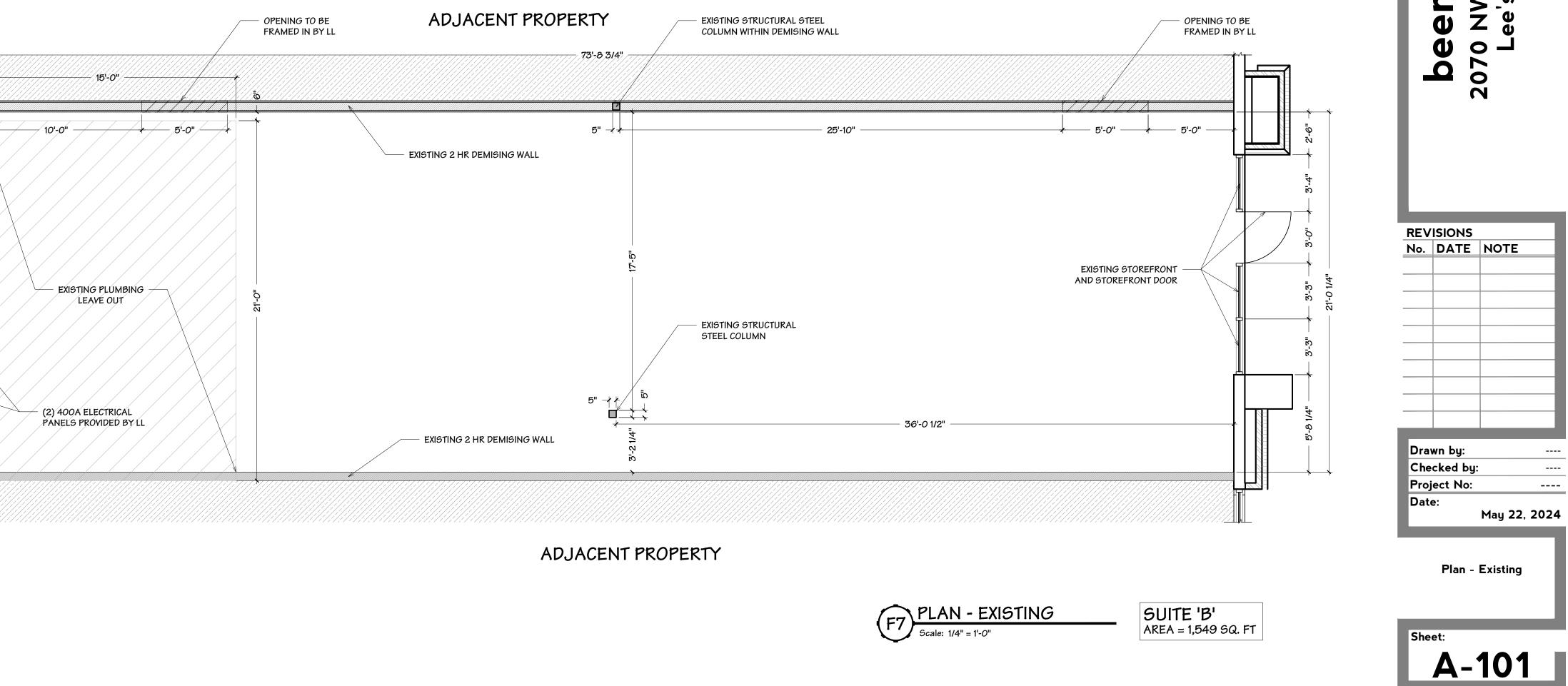
4. BUILDING SANITARY SEWER - LL TO PROVIDE A 4" SANITARY SEWER LINE FROM THE LEASED PREMISES TO THE AUTHORIZED MAIN SEWER OR A GOVERNMENTALLY APPROVED SEPTIC SYSTEM.

5. TELEPHONE CONDUIT - LL TO PROVIDE AND INSTALL TELEPHONE CONDUIT, STUBBED AT LANDLORD'S SPECIFIED LOCATION. TELEPHONE SERVICE AND CONDUCTORS WILL BE BY THE TENANT.

6. HVAC SYSTEM - LL TO PROVIDE HVAC SYSTEM WHICH SHALL CONSIST OF A ROOF-MOUNTED SYSTEM WITH GAS FORCED AIR HEAT. COOLING CAPACITY SHALL BE BASED ON 250 SF OF LEASE SPACE PER TON OF AIR CONDITIONING. TENANT SOLELY RESPONSIBLE FOR INSTALLATION OF ALL DUCTWORK MATERIALS AND EQUIPMENT. LANDLORD SHALL PROVIDE 9 TONS OF HVAC SERVICE.

7. DRYWALL & CEILING SYSTEM - TENANT'S SOLE RESPONSIBILITY FOR MATERIALS, IN ADDITION TO ALL LABOR AND MATERIALS INVOLVED WITH INSTALLATION. LANDLORD SHALL PROVIDE AND INSTALL STANDARD 5/8" DRYWALL AT INTERIOR DEMISING WALLS. THE JOINTS AND FASTENERS SHALL BE TAPED, FLOATED, SANDED AND READY FOR TENANT FINISH. INTERIOR FACE OF THE EXTERIOR WALLS TO REMAIN UNFINISHED BUT INSULATED AS REQUIRED BY CODE FOR THE EXTERIOR WALLS.

8. FLOORS - LL TO PROVIDE EXPOSED CONCRETE, PATCHED AS NECESSARY, TO A SMOOTH, UNIFORM AND CONSISTENT TEXTURE READY FOR TENANT'S FINISHES. FLOOR SLAB LEAVE-OUTS SHALL BE PROVIDED AT RESTROOM AND REAR OF SPACE. TENANT SHALL PLACE CONCRETE FLOOR SLAB AT LEAVE OUTS.



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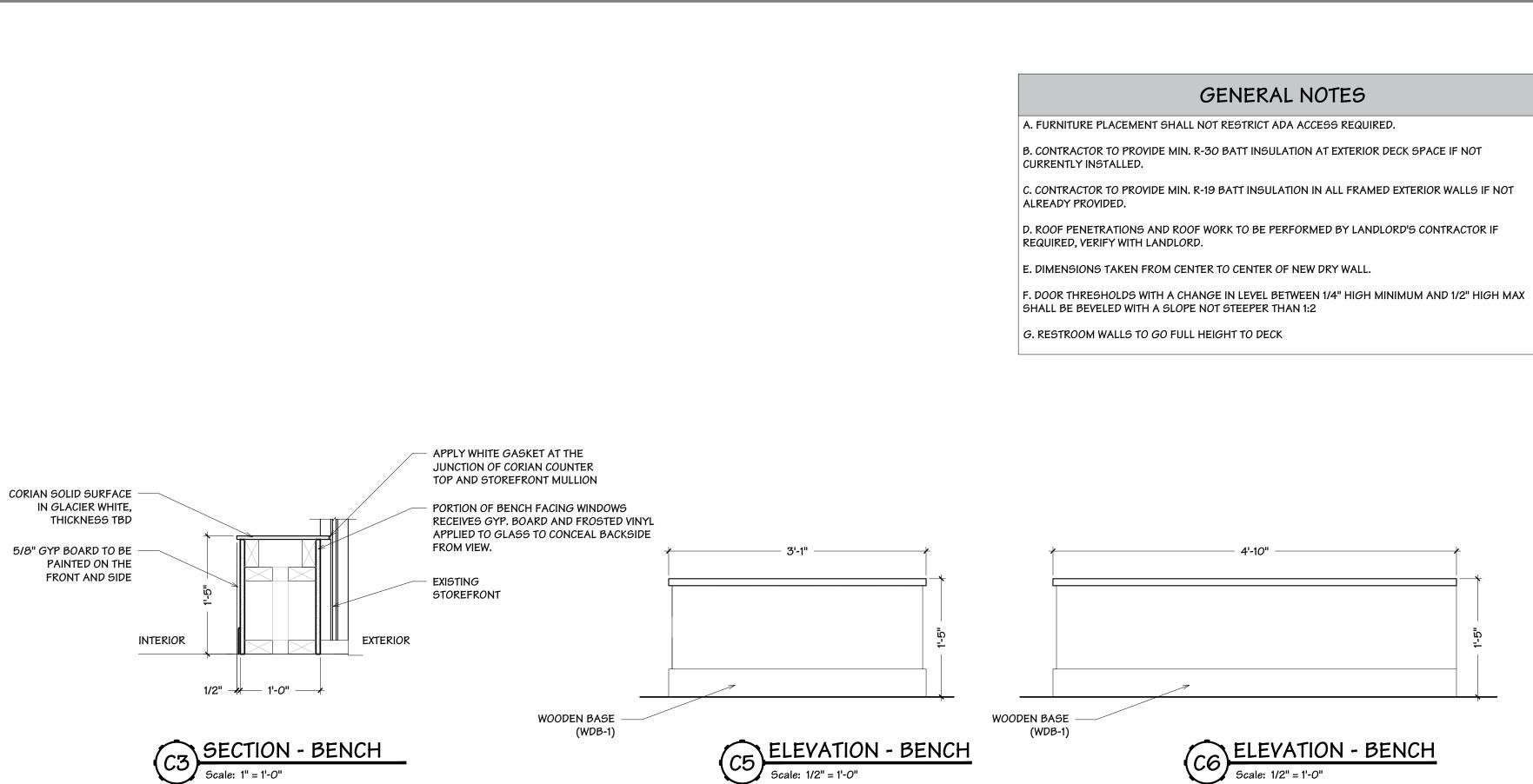


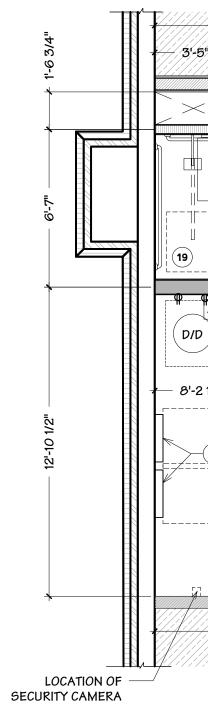
SYMBOL LEGEND			
	EXISTING 2 HR DEMISING WALL (SOUTH)		
	EXISTING 2 HR DEMISING WALL (NORTH)		
	EXISTING STOREFRONT GLAZING		
	EXISTING EXTERIOR WALL		

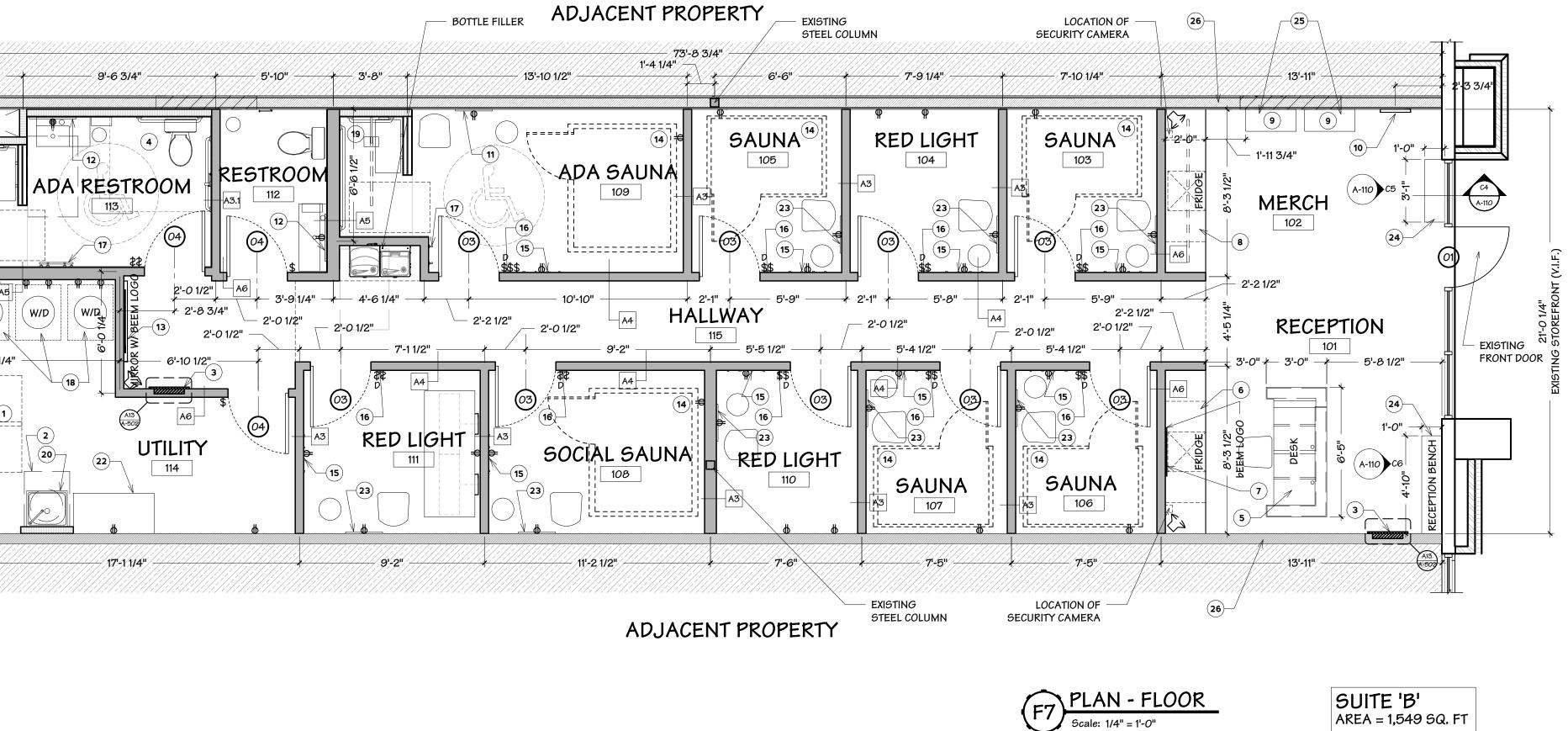


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EY	NOTE#	FLOOR PLAN KEY NOTES 🛞
	1	(2) 400A ELECTRICAL PANELS PROVIDED BY LL. SEE ELECTRICAL FOR MORE DETAILS.
	2	PROVIDE NEW HOT WATER HEATER ABOVE CEILING - SEE PLUMBING PLAN ON SHEET P1.O. GC TO PROVIDE SHELF AND SUPPORTS FOR HOT WATER HEATER - REFER TO SHEET A-502.
	3	PROVIDE FIRE EXTINGUISHER: 10LB CLASS ABC FIRE EXTINGUISHER, SEMI-RECESSED IN CABINET. MOUNTED BETWEEN 36"-48" A.F.F.
	4	NEW ADA ACCESSIBLE RESTROOM, INCLUDING THE FOLLOWING: 18" VERTICAL GRAB BAR, 36" AND 42" HORIZONTAL GRAB BAR, MIRROR AND PLUMBING FIXTURES. REFER TO SHEET A-113, A-201, E1.0 FOR DETAILS.
	5	PROVIDE RECEPTION DESK. PROVIDE POWER/DATA THROUGH CONDUIT IN THE FLOOR (WILL BE MOUNTED ON INSIDE OF DESK) STANDARD. REFER TO ENLARGED PLAN 'A5' AND DETAILS ON SHEET A-501.
	6	PROVIDE LOWER CABINETS WITH UNDER-COUNTER REFRIGERATOR (OFCI). REFER TO ELEVATIONS ON SHEET A-202, DETAILS ON A-501
	7	BEEM ACRYLIC SIGN (OFOI) AT 65" A.F.F. REFER TO ELEVATIONS ON SHEET A-202.
	8	PROVIDE LOWER CABINETS WITH UNDER-COUNTER REFRIGERATOR (OFCI) AND APPAREL RACKS (CFCI).
	9	INSTALL MERCHANDISE RACK (CFCI). SPACE 4.75" FROM EACH OTHER. SECURE TO WALL. PROVIDE BLOCKING (72"W X 6H" @ 96" O.C.).
	10	INSTALL LUUMI SCREEN (OFCI). MOUNT AT 37.5" A.F.F. PROVIDE WALL BACKING (18"W X 30"H 37" A.F.F.). REFER TO ELEVATIONS ON SHEET A-202 AND SHEET E1.0 FOR ELECTRICAL REQUIREMENTS.
	(11)	INSTALL 3" - 4" F.T. PLYWOOD BACKING BEHIND GYP. BD. (22"W x 65"H @ 12" A.F.F). PROVIDE BACKLIT ADA SAUNA MIRROR AT 12" A.F.F. VERIFY IN FIELD WITH TENANT. PROVIDE RECESSED OUTLET AS SHOWN ON SHEET E1.O.
	(12)	INSTALL 3"- 4" F.T. PLYWOOD BACKING (28" X 28" @ 40" A.F.F.) BEHIND GYP. BD. PROVIDE NEW RESTROOM MIRROR PER ELEVATIONS ON SHEET A-201. PROVIDE RECESSED OUTLET WITHIN STUDS CENTERED BEHIND MIRROR. REFER TO SHEET E2.0. FOR ELECTRICAL REQUIREMENTS.
	(13)	INSTALL 3"- 4" F.T. PLYWOOD BACKING BEHIND GYP. BD. (48"W x 80"H @ 4" A.F.F.) FOR HALLWAY MIRROR (CFCI) AND BEEM LIGHTED SIGN (OFOI) 8" ABOVE MIRROR. VERIFY IN FIELD WITH TENANT. PROVIDE POWER ABOVE CEILING OF ADJACENT ROOM. REFER TO ELEVATIONS ON SHEET A-202.
	14	SAUNA (OFOI) MINIMUM 4" FROM WALL. PROVIDE POWER AS SHOWN ON SHEET E1.0.
	(15)	INSTALL COAT HOOKS (OFCI). PROVIDE BLOCKING IN WALL (24"W X 8"H @ 5'-0" A.F.F.) CENTERED WITHIN THE CORNER AND DOOR FRAME (TYPICALLY UNLESS SHOWN OTHERWISE), EXCEPT IN ADA SAUNA, INSTALL AT 4'-0" A.F.F.
	(16)	INSTALL WALL TIMER (OFCI) AT 2-1/2" ABOVE SWITCHES CENTERED ON SWITCH PLATE. VERIFY LOCATION WITH OWNER. ADHERE TO WALL WITH MAGNETS (OFCI).
	(17)	PROVIDE BLOCKING (24" X 24" @ 36" A.F.F.). INSTALL ROBE HOOK KIT. VERIFY LOCATION WITH BUILDOUT MANAGER.
	(18)	INSTALL WASHER/DRYER AND DRYER/DRYER (OFCI). PROVIDE PLUMBING AND POWER AS SHOWN ON SHEET P1.0 AND E1.0.
	(19)	PROVIDE SHOWER FIXTURE AND ADA FOLDING SEAT. REFER TO PLUMBING SCHEDULE ON SHEET P1.0 AND ACCESSORY SCHEDULE ON SHEET A-113. RECESS SLAB FOR SHOWER. PROVIDE TRENCH DRAIN PER PLUMBING DRAWINGS ON SHEET P1.0.
	20	PROVIDE UTILITY SINK PER PLUMBING PLAN ON SHEET P1.0. PROVIDE WHITE FRP ON WALLS BEHIND UTILITY SINK @ 48" A.F.F. AND EXTEND 12" BEYOND CABINET ON BOTH SIDES. CONTRACTOR TO PROVIDE RATED OUTLET AND JUNCTION BOXES IN ALL RATED WALLS.
	21)	NOT USED
	22	PREP/LAUNDRY TABLE BY OWNER.
	23	INSTALL 3"-4" F.T. PLYWOOD BACKING (28" X 28" @ 48" A.F.F.) BEHIND GYP. BD. PROVIDE NEW MIRROR. PROVIDE RECESSED OUTLET WITHIN STUDS CENTERED BEHIND MIRROR. REFER TO SHEET E2.0. FOR ELECTRICAL REQUIREMENTS.
	24	BUILT-IN BENCH (20"D X 17"H), FRAMED, DRY-WALLED AND PAINTED ON BASE WITH CORIAN SOLID SURFACE IN GLACIER WHITE (DRY-WALLED ON ALL SIDES).
	25	NOT USED
	(26)	EXISTING 2HR RATED DEMISING WALL







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SYMBOL LEGEND			
	NEW PARTITION WALL		
	NEW 2 1/4", 4-1/4" OR 6 5/8" WALL FURRING W/ R-13 BATT INSULATION		
	EXISTING 2 HR DEMISING WALL (SOUTH)		
	EXISTING 2 HR DEMISING WALL (NORTH)		
	EXISTING STOREFRONT GLAZING		
В	INDICATES WALL CONSTRUCTION TYPE		
01	DOOR DESIGNATION		
	EXISTING EXTERIOR WALL		

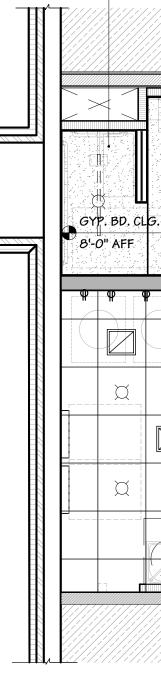


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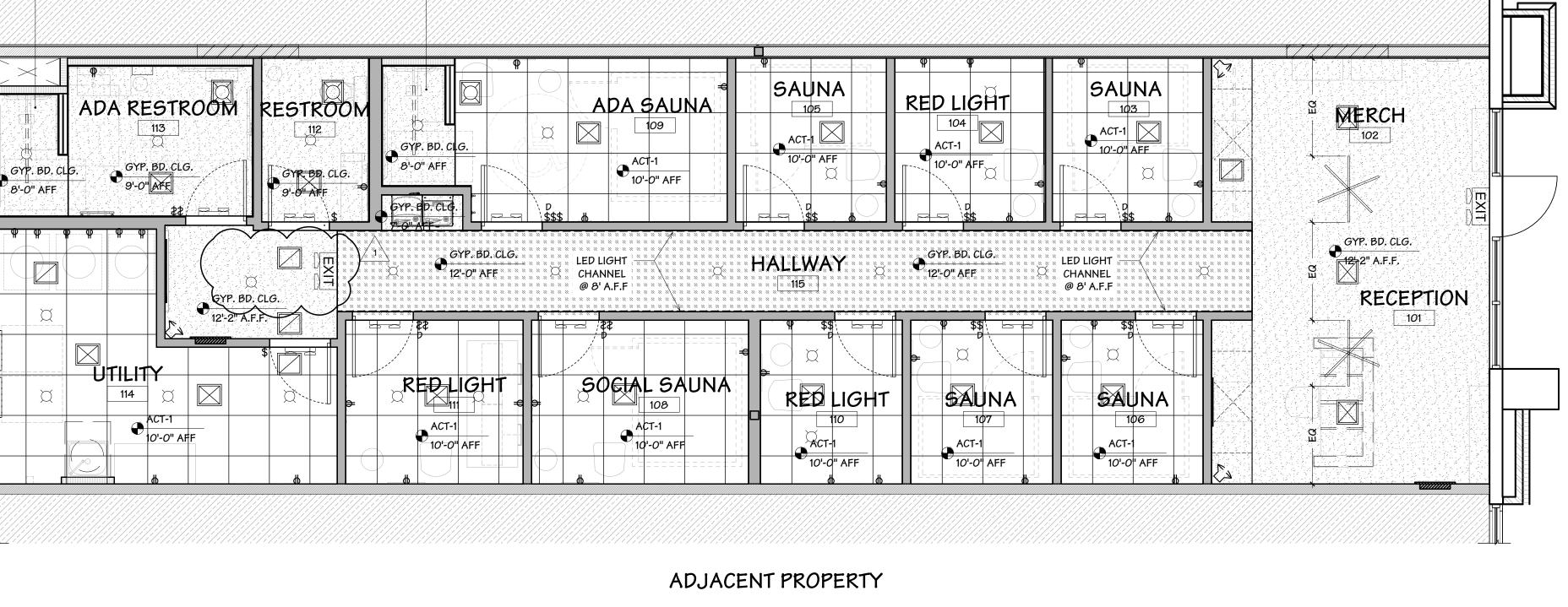
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SYMBOL	MAKE/MODEL	DESCRIPTION
		CEILING DETAIL
		CEILING ELEVATION
HEIGHT AFF		
	GC	SUPPLY DIFFUSER, REF: M
	GC	RETURN AIR GRILL, REF: M
	GC	EXHAUST FAN, REFER MECHANICAL M1.0
EXIT	GC	EXIT LIGHT W/ BATTERY PACK , REF: MEP
	GC	WALL MOUNTED EMERGENCY LIGHT, REF: MEP
	MODEL# VMP 25030BL; VENDOR: VONN	CHANDELIER, REF: MEP.
X	HALO HC410D010 RECESSED 4" 3500K, WHITE TRIM OR SUBSTANTIALLY SIMILAR ALTERNATE	RECESSED DOWN LIGHT, REF: MEP
X	HALO HC610D010 RECESSED 6" 3500K, WHITE TRIM OR SUBSTANTIALLY SIMILAR ALTERNATE	RECESSED DOWN LIGHT, REF: MEP
	PLT-90270 3500K; 60LOR; WHITE	COLOR SELECTABLE LED
		SUSPENSION LIGHT FIXTU
	WYZE LIGHT STRIP PRO	TAPE LIGHT IN BARREL HALLWAY CHANNELS - SC IN 16.4' OR 32.8' KITS- TRIMMABLE
р \$		DIMMER SWITCH
	CEILING TILE 'ACT-1': VENDOR - ARMSTRONG MODEL - DUNE 1852 COLOR - WHITE BEVELED TEGULAR 9/16" 24" X 24" ACOUSTIC CEILING GRID AND TILE SYSTEM - 5/8" THK. CEILING GRID 'GRID-1': VENDOR - ARMSTRONG MODEL 'T' GRID; COLOR - WHITE; SIZE - 9/16" OR SUBSTANTIALLY SIMILAR ALTERNATE	ACOUSTICAL CEILING TILE
	USG OR EQUIVALENT	NEW GYPSUM BOARD CEILING
	USG OR EQUIVALENT	2 LAYERS OVER FLEX-C METAL SURFACE
	OWNER	WALL MOUNTED SPEAKER (OFOI)





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SHOWER

ADJACENT PROPERTY

GENERAL RCP NOTES

1. FIELD VERIFY EXISTING NORMAL AND EMERGENCY EGRESS LIGHTING, PROVIDED UNDER THE PREVIOUS PERMIT, IS ADEQUATE & FULLY OPERATIONAL. CLEAN AND RE-LAMP FIXTURES AS REQUIRED.

2. ALL OPEN CEILING ITEMS - IF ANY - (GRILLES, EXHAUST FAN COVERS, LIGHTING TRIM, ETC.) TO BE NOT PAINTED (TYP.). EXPOSED PIPES TO BE PAINTED SAME COLOR AS CEILING.

3. REFER TO SHEET E2.0 FOR LIGHTING LEGEND.

4. REFER TO SHEET A-114 FOR ACOUSTICAL CEILING GRID DETAILS.

5. FOR BARREL HALLWAY - GC TO MAXIMIZE CEILING HEIGHT AS POSSIBLE UP TO 12'-O" AFF, IF LOW HANGING UTILITY PIPES IN THE AREA ARE ENCOUNTERED.

KEY RCP NOTES

1. PROVIDE NEW GRID (GRID-1) AND ACOUSTICAL TILES (ACT-1). REFER TO SHEET A-114.

- 2. INSTALL SPEAKERS (OFOI) AT 84" A.F.F. PROVIDE POWER AS SHOWN ON SHEET E1.0
- 3. EXISTING EXTERIOR LIGHTING TO REMAIN. GC TO CONFIRM EXISTING EXTERIOR

4. EXTERIOR SIGN JUNCTION BOX TO BE BROUGHT WITHIN 5 FEET OF THE PROPOSED STOREFRONT SIGN LOCATION. REFER TO SHEET E1.0. 5. BOTTOM OF CHANDELIERS AT 9'-0" A.F.F.; TYP.



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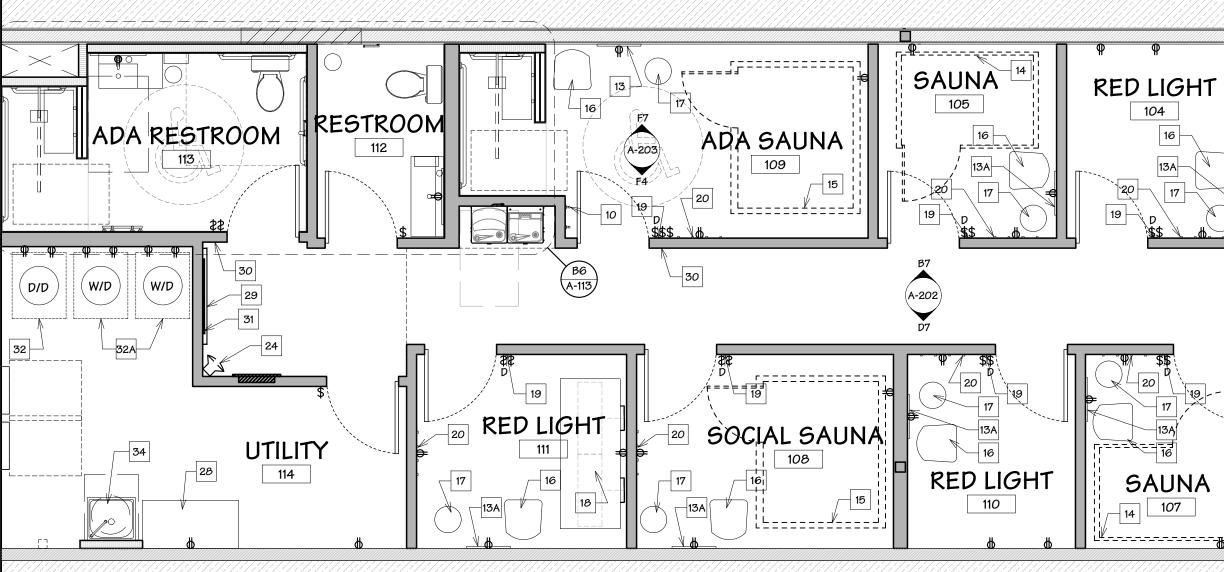
MARK	DESCRIPTION	MANUFACTURER & MODEL # ROOM ESSENTIALS #064-05-2769	COLOR/FINISH	SUPPLIED	INSTALL
1	WASTE RECEPTACLE	@ TARGET TASTOS #BO8FWQBQS5 @	CLEAR 10.5"H x 8.5"W MATTE BLACK 7.32 x 3.62	OWNER	OWNE
2	TOILET PAPER DISPENSER	AMAZON.COM	x 2.28	GC *	GC
3	SOAP DISPENSER	CONTAINER STORE #10080651 ESSENTIALLY YOURS #B07PM8QRZ3	MATTE BLACK 6.5 OZ	OWNER	OWNEI
4	PAPER TOWEL DISPENSER	@ AMAZON.COM	BLACK 12.17 X 8.46 X 5.04	GC *	GC
5		IVY BRONX LASOYA ROUND LED WALL	28" DIA. ROUND, GLASS,		
6	ROUND LED WALL MIRROR	MIRROR, # W100134102, 28"X28" WWW.WAYFAIR.COM	WALL MOUNTED, PLUG-IN TYPE	GC	GC
7	GRAB BAR CONCEALED MOUNT - 36"	STAINLESS STEEL 1 1/4" - 2" MAX O.D.	MATTE BLACK AND ROUND TRIM (FOR ALL GRAB BAR)	GC	GC
8	GRAB BAR CONCEALED MOUNT - 42"	STAINLESS STEEL 1 1/4" - 2" MAX O.D.	MATTE BLACK AND ROUND TRIM (FOR ALL GRAB BAR)	GC	GC
9	GRAB BAR CONCEALED MOUNT - 18"	STAINLESS STEEL 1 1/4" - 2" MAX O.D.	MATTE BLACK AND ROUND TRIM (FOR ALL GRAB BAR)	GC	GC
9A	GRAB BAR CONCEALED MOUNT - 60"	STAINLESS STEEL 1 1/4" - 2" MAX O.D.	MATTE BLACK AND ROUND TRIM (FOR ALL GRAB BAR)	GC	GC
10	ROBE HOOKS & TOWEL BAR KIT	LAIRUIER #B07WN3F93N @ AMAZON.COM	MATTE BLACK	GC	GC
11	ACCESSIBLE WALL- MOUNTED FOLDING SEAT	TEAKWORKS4U PTBF-320160W	NATURAL	GC	GC
12	SOAP & SHAMPOO DISPENSER	ZERODIS BOBHV21PQ2 @ AMAZON.COM	BLACK	GC	GC
13	TALL BACKLIT MIRROR	HANS & ALICE #B07FQLH7S7	21.7"W X 65" W MOUNT @ 12" A.F.F.	GC	GC
13A	WLH LED MIRROR	IVY BRONX LASOYA ROUND LED WALL MIRROR (28"X28"), SKU: W100134102 @ WAYFAIR.COM	RECESSED OUTLET @ 60" AFF. INSTALL HEIGHT AT 48" A.F.F.	GC	GC
14	REGULAR SAUNA	SYMMETRY SAUNA	REFER 'SYMMETRY SAUNA' MARK 1 SPEC SHEET	OWNER	OWNER
15	SOCIAL SAUNA	SYMMETRY SAUNA	REFER 'SYMMETRY SAUNA' ADA SPEC SHEET	OWNER	OWNER
16	SAUNA CHAIR	SVELTI #11627	DUSTY PINK	OWNER	OWNEI
17	SAUNA SIDE TABLE	WEST ELM #3955376 FLUTED SIDE TABLE	WHITE	OWNER	OWNER
18	LIGHT THERAPY MACHINE, STAND & BED			OWNER	GC
19	TIMER	VOCOO #BO8M95B91P	3.07 X 1.06	OWNER	GC
20	COAT HOOKS	WEST ELM PONTO WALL HOOKS	MULTI	OWNER	GC
21	RECEPTION DESK CHAIR	ARTICLE #12162	WHITE	OWNER	OWNEI
22	LUUMI SCREEN	18"W X 30"H X 1.8"D VERIFY POWER HEIGHT		OWNER	GC
23	TOWEL & BEVERAGE REFRIGERATOR	23.63"W x 33.5"H 23.5"D	SILVER	OWNER	GC
24	SPEAKER & MOUNTS		SPEAKER OUTLETS TO BE NO MORE THAN 2" OFF THE WALL CORNER	OWNER	OWNER
25	MERCHANDISE RACK	CRATE & BARREL #386941 STAIRWAY BOOKCASE	WHITE	GC	GC
26	APPAREL RACK	40" W X 1.25" DIA. KROFT.CO HANGING CLOTHES RACK MEDIUM	WHITE	GC	GC
27	BEEM ACRYLIC SIGN	55" W X 25" H X 1/2" DIA. INSTALL AT 65" A.F.F.	WHITE	OWNER	OWNE
28	LAUNDRY TABLE			OWNER	OWNER
29	HALLWAY MIRROR	48"W X 78"H INSTALL ABOVE WOOD BASE	1" RADIUS CORNERS	GC	GC
30	ACCESSIBLE SIGNAGE	REFER TO DETAIL A4/A-501		GC	GC
31	beem ILLUMINATED SIGN	35"W x 10.75"H REQUIRES J-BOX ABOVE CEILING OF ADJACENT ROOM		OWNER	OWNER
32	STACKING DRYER	SPEED QUEEN #LSEE5AGS173TWO1		OWNER	GC
32A	STACKING WASHER/DRYER	SPEED QUEEN #LTEE5ASP175TWO1		OWNER	GC
33	TEMPERED GLASS PARTITION	TBD	FRAME: MATTE BLACK	GC	GC
34	UTILITY SINK	GLACIER BAY ALL-IN-ONE INTERNET # 206057007 MODEL # QL033Y	STAINLESS STEEL SINK WITH WHITE CABINET	GC	GC
35	RECEPTION BENCH	BUILT-IN BENCH	CORIAN SOLID SURFACE TOP IN GLACIER WHITE,	GC	GC

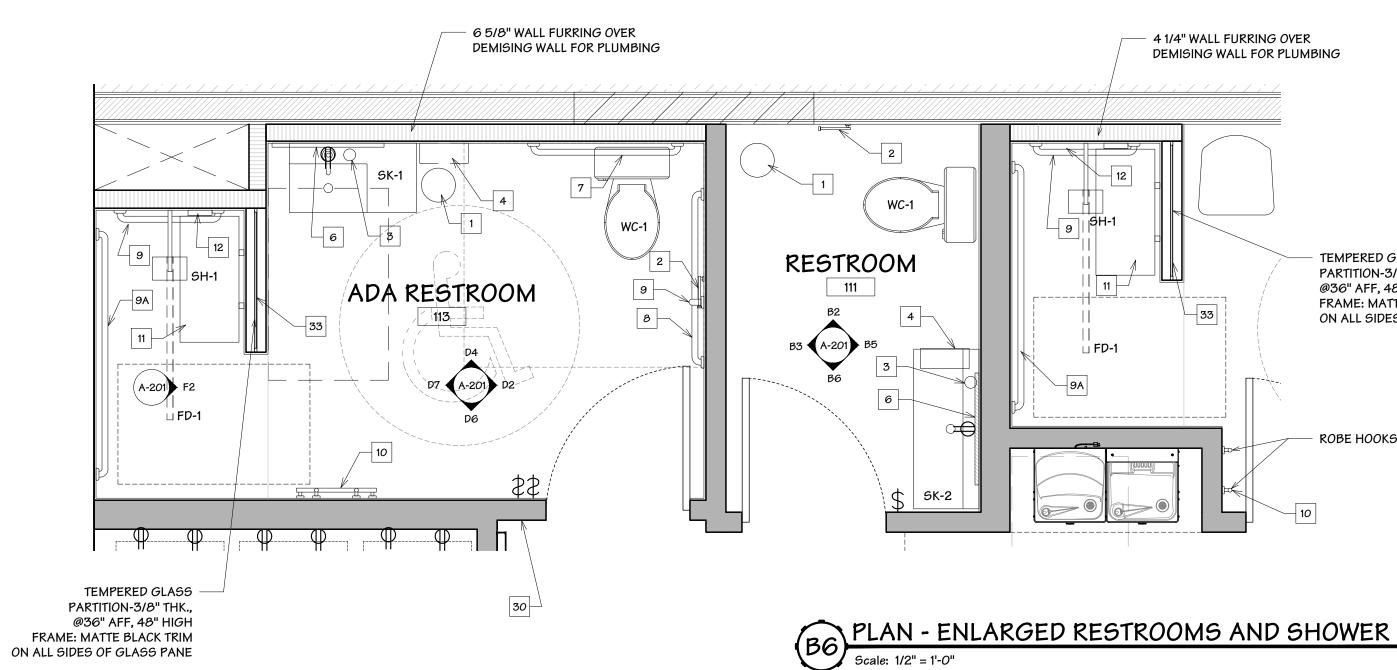
RESTROOM NOTES: NOTE 1: INSTALL 3 1/2" SOUND INSULATION BATTS IN NEW WALLS AROUND TOILET ROOM(S) - TYPICAL.

NOTE 2: PROVIDE/INSTALL BLOCKING FOR GRAB BAR SUPPORT - TYPICAL. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHERE A VERTICAL OR HORIZONTAL FORCE OF 250 LBS. IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER MOUNTING DEVICE OR SUPPORTING STRUCTURE.

NOTE 3: TOILET ACCESSORIES FURNISHED AND INSTALLED BY GC UNLESS OTHERWISE NOTED.

NOTE 4: PROVIDE/INSTALL BLOCKING FOR SECURE SEAT ATTACHMENT. BLOCKING AND SEAT TO BE INSTALLED TO SUPPORT A STATIC LOAD OF UP TO 360 POUNDS.





	SYMBOL LEC	GEND
		NEW PARTITION WALL
OVER PLUMBING		NEW 2 1/4", 4-1/4" OR 6 5/8" WALL FURRING W/ R-13 BATT INSULATION
		EXISTING 1 HR DEMISING WALL
=		EXISTING STOREFRONT GLAZING
	В	INDICATES WALL CONSTRUCTION TYPE
TEMPERED GLASS PARTITION-3/8" THK., @36" AFF, 48" HIGH	01	DOOR DESIGNATION
FRAME: MATTE BLACK TRIM ON ALL SIDES OF GLASS PANE		EXISTING EXTERIOR WALL
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- ROBE HOOKS ONLY

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FINISH SC	HEDULE				
PORTLAND CEMENT,	OOMS SHALL HAVE A SMOOTH, HARD, NON-AI CERAMIC TILE, CONCRETE, OR OTHER APPROVE VALLS AT LEAST 6 INCHES.		REMARKS: 1. USE MOLD RESISTANT GW CEILING IN WET AREAS.	VB-3 ON WALLS	AND GCB-2
	RESISTANT GYPSUM BOARD, GREEN BOARD, (OR OTHER APPROVED MATERIAL ON	2. REFER TO FINISH PLAN O LOCATIONS.	N SHEET A-114 F	OR FINISH
	ROOMS. MS WITHIN 2 FEET OF THE FRONT AND SIDES (H, HARD NON-ABSORBENT SURFACE TO A HEI				
D. DO NOT INSTALL V	INYL BASE ON TILE VENEER.	PRODUCT DETAIL	COLOR/FINISH	SUPPLIED	INSTALL
FLOOR FINISHE					
CON-1 SEALED CONCRETE	POLISH TO 1500-GRIT. INCLUDE A DENSIFIER TREATMENT PER MANUFACTURER GUIDELINES. FINISH WITH A SEALER.	SEALER: AMERIPOLISH SP E	SEALER FINISH: CLEAR	GC	GC
FT-1 MOSAIC FLOOR TILE	MARAVILLA MARBLE MOSAIC TILE (SHOWER)	COASTAL IVORY BLEND 1" HONED MARBLE MOSAIC; 1/16" JOINT MORTAR: MAPEI KERAFLEX PLUS WHITE MORTAR	MAPEI 93 WARM GRAY	GC	GC
WDB-1 WOOD BASE	1X4 PAINT GRADE WOOD	SEAL GAPS BETWEEN BASE AND CONCRETE FLOOR; COLOR TO MATCH PAINT COLOR	MATCH WALL COLOR SEMIGLOSS	GC	GC
WALL FINISHES WT-1 WALL TILE	MONTAGE 12X12 BALLET GLASS PENNY MOSAIC (RESTROOM)	INSTALL OVER CB-1; MORTAR: MAPEI ADESILEX-P10 PREMIUM WITH MAPEI KEROPLY LATEX ADDITIVE	1/16" GROUT: MAPEI FLEXCOLOR 3D PRE-MIXED 201 CRYSTAL MOON	GC	GC
WT-2 WALL TILE	DALTILE 16X32 SCULPTURE GREY P035 (RESTROOM & SHOWER) ORDER FROM: NATIONAL.ACCOUNTS@DALTILE.COM 877-556-5728 FOR BEEM INVENTORY AND PREFERRED PRICING	INSTALL OVER CB-1; RUNNING BOND; USE SRT-1 & SST-1	3/16" GROUT: MAPEI 93 WARM GREY MATTE FINISH	GC	GC
SRT-1 WALL TRIM	SCHLUTER RONDEC TILE EDGE TRIM - ROUNDED	ROUNDED REVEAL SURFACE AT OUTSIDE TILE CORNERS	SATIN ANODIZED ALUMINUM	GC	GC
SST-1 WALL TRIM	SCHLUTER SCHIENE TILE EDGE TRIM - ROUNDED	FINISH EDGE WHERE TILE EDGE EXPOSED	SATIN ANODIZED ALUMINUM	GC	GC
PT-1 WALL PAINT	SHERWIN WILLIAMS (DESK TRIM)	PROMAR 200 ZERO VOC ACRYLIC LATEX	SW-7005 PURE WHITE SATIN FINISH	GC	GC
PT-2 WALL PAINT	SHERWIN WILLIAMS (FIELD)	PROMAR 200 ZERO VOC ACRYLIC LATEX	COLOR-MATCH TO BENJAMIN MOORE OC-22 CALM	GC	GC
PT-3 WALL PAINT	SHERWIN WILLIAMS (ACCENT)	PROMAR 200 ZERO VOC ACRYLIC LATEX	COLOR-MATCH TO BENJAMIN MOORE CSP-20 WALL STREET	GC	GC
GWB-1 GYP BOARD	5/8" TYPE "X" USG OR EQUAL GYPSUM WALL BOARD	ASTM C36	PAINT	GC	GC
GWB-2 GYP BOARD	5/8" TYPE "X" USG OR EQUAL GYPSUM WALL BOARD	FIRE-RESISTANT	PAINT	GC	GC
GWB-3 GYP BOARD	5/8" TYPE "X" USG OR EQUAL GYPSUM WALL BOARD	MOLD-RESISTANT ASTM C1396	PAINT	GC	GC
CB-1 GYP BOARD	USG OR EQUAL 1/2" CEMENT BOARD	CEMENT BOARD WITH WOVEN GLASS FIBER MESH	-	GC	GC
FRP	FIBERGLASS REINFORCED PANEL	MARLITE STANDARD FRP - PEBBLED SURFACE	P100 WHITE OR EQUAL	GC	GC
CEILINGS	1				
GRID-1 CEILING GRID	ARMSTRONG T-GRID	9/16"	WHITE	GC	GC
ACT-1 CEILING TILE	ARMSTRONG DUNE MODEL #: 1852	24" X 24" LAY-IN CEILING, BEVELED TEGULAR 9/16", 5/8" THICK	WHITE	GC	GC
GCB-1 GYP BOARD	1/2" TYPE "X" USG OR EQUAL GYPSUM BOARD	ASTM C36	PAINT	GC	GC
GCB-2 GYP BOARD	1/2" TYPE "X" USG OR EQUAL GYPSUM BOARD (WET AREAS)	MOLD-RESISTANT ASTM C1396	PAINT	GC	GC
GCB-3 GYP BOARD	USG OR EQUAL 1/4" FLEXIBLE GYPSUM PANELS	2 LAYERS INSTALLED OVER FLEX-C METAL SURFACE	PAINT	GC	GC
CASEWORK	1				
PLAM-1 PLASTIC LAM.	FORMICA	STANDARD HIGH-PRESSURE LAMINATE	FORMICA 9244-58 CLASSIC WHITE	GC	GC

F

SS-1 SOLID SURFACE

CORIAN

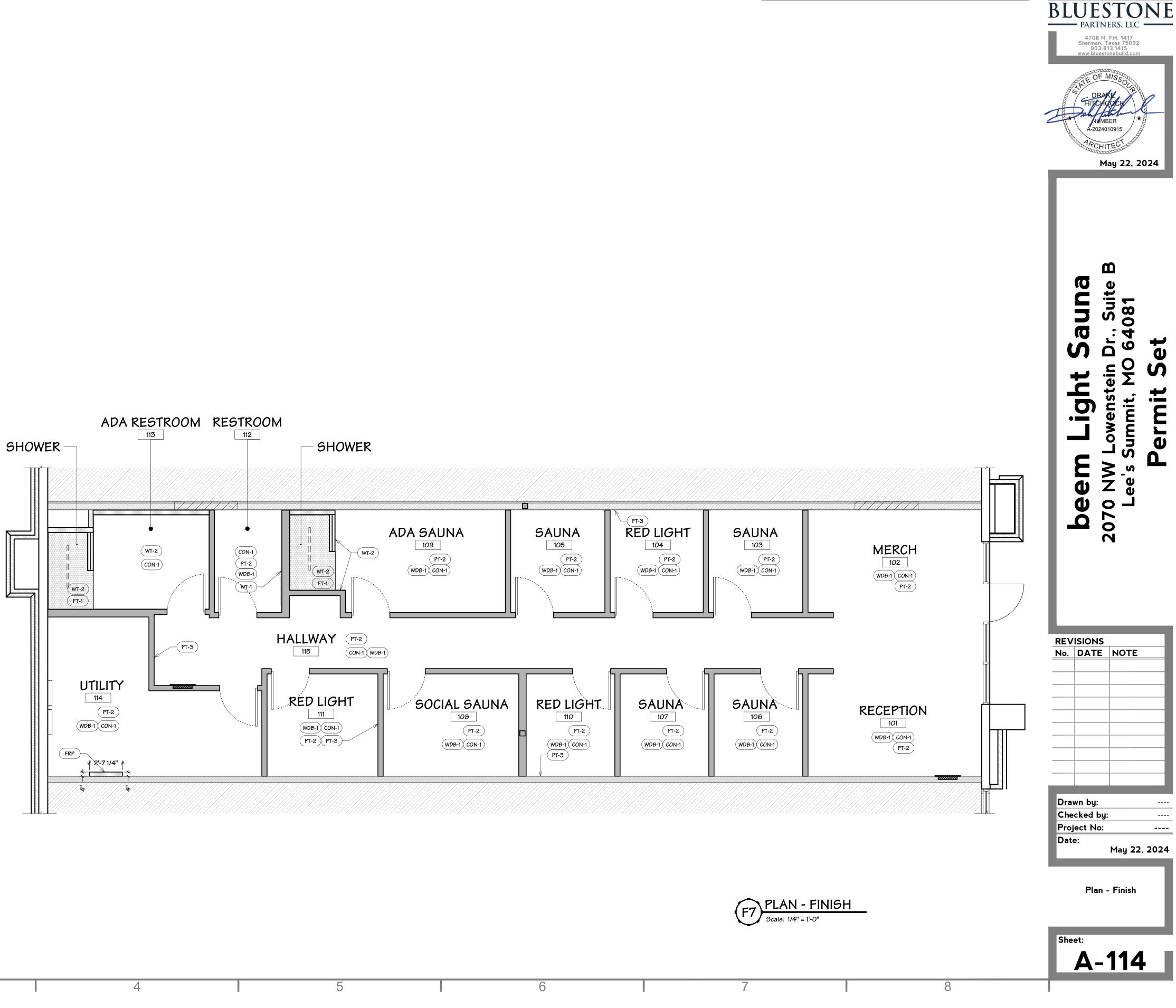
1/2" THK. 100% ACRYLIC

GLACIER WHITE

GC

GC

3



SCOPE OF WORK.

PREFERRED PRICING.

FINISH PLAN NOTES

1. VERIFY FINAL FINISH SELECTIONS WITH OWNER PRIOR TO COMMENCING FINISH

NATIONAL.ACCOUNTS@DALTILE.COM; 877-556-5728 FOR BEEM INVENTORY AND

2. REFER TO RCP NOTES FOR LOCATION OF CEILING FINISHES

3. ORDER WT-2 (DALTILE 16X32 - SCULPTURE GREY) FROM

				R	0	0	1 F	-11	115	5H	19		HE	D	UL	.E								
		F	LOO	R	E	BASE	Т					WA	\LL							CEIL	ING			REMARKS
N	OTE:																		<u>.</u>	r-2)				INDICATES WHERE WALL FINISH
SP CO INF BU OR	E DIVISION 9 OF THE ECIFICATIONS, NTAINING IMPORTANT CORMATION RELATING TO ILDING CODES, CITY DINANCES, MATERIALS D METHODS.	SEALED CONC. (CON-1)	SHOWER FLOOR TILE (FT-1)	EXISTING	WOOD BASE (WB-1)	EXISTING		MOSAIC WALL TILE (WT-1)	RR WALL TILE (WT-2)	SCHLUTER TRIM (SRT-1)	SCHLUTER TRIM (SST-1)	GWB-1 / PAINT (PT-1)	GWB-1 / PAINT (PT-2)	GWB-1 / PAINT (PT-3)	F.R. GYP. BRD (GWB-2)	M.R. GYP. BRD (GWB-3) (PT-2)	EXISTING	GRID-1 / ACT-1	GYP. BOARD (GCB-1/PT-2)	M.R. GYP. BRD (GCB-2/PT-2)	VAULT BD (GCB-3/PT-2)	0TS (PT-2)	EXISTING	NORTH SOUTH (PLAN ORIENTATION)
101	RECEPTION	•			•								•						•					
102	MERCHANDISE	•			•								•						•					
103	SAUNA	•			•								•					•						
104	RED LIGHT	•			•								•	•				•						2 PT-3 ON WALL BEHIND BED (BED WILL NOT BE SHOWN)
105	SAUNA	•			•								•					•						
106	SAUNA	•			•								•					•						
107	SAUNA	•			•								•					•						
108	SOCIAL AUNA	•			•								•					•						
109	ADA SAUNA	•			•								•					•						
	SHOWER		•						•	•	•									•				1
110	RED LIGHT	•			•								•	•				•						2 PT-3 ON WALL BEHIND BED (BED WILL NOT BE SHOWN)
111	RED LIGHT	•			•								•	•				•						2 PT-3 ON WALL BEHIND BED
112	RESTROOM	•			•			•								•				•				1
113	ADA RESTROOM	•							•											•				1
	SHOWER		•						•	•	•									•				1
114	UTILITY/STORAGE	•			•								•					•						
115	HALLWAY	•			•								\bullet	•	•				•		•			2 PT-3 ON MIRROR WALL
A. F	NERAL NOTES LOORS IN RESTROOMS SHALL ONABSORBENT SURFACE SUC											R				KS		5TAN	IT G	WB-:	3 ON	1 WA	LLS	AND GCB-2 ON

B. PROVIDED WATER-RESISTANT GYPSUM BOARD, GREEN BOARD, OR OTHER APPROVED MATERIAL ON THE WALLS IN RESTROOMS.

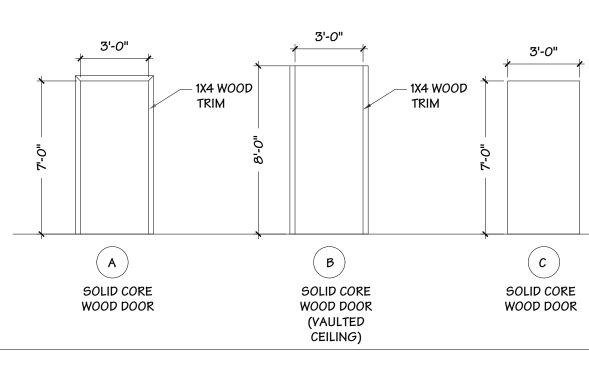
WALLS IN RESTROOMS WITHIN 2 FEET OF THE FRONT AND SIDES OF

URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD NONABSORBENT SURFACE TO A HEIGHT OF 4 FEET.

D. DO NOTINSTALL VINYL BASE ON TILE VENEER.

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4	5	

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		F	RAM	1E	HEA	D/JAI	мв	DO	OR	Ŧ	ŔĂ	TING		H/	ARDV	VARI	E		1	YPE	REMA	ARKE	6								
					501	A <i>B</i> /A-501																									DIVIS
OTE			NT		A7/A-501	L A <i>B</i> //	(PT-2)		(F1-Z)																						1.1 CLE
SPECIFICATI			OREFRONT		ETAIL	DETAI			MOOD									(LN													2.1 FLC
NFORMATIC BUILDING CO	G IMPORTANT ON RELATING TO CODES, CITY ES, MATERIALS	鱼	ALUM. STO	FRAME	MB J1 - D	4MB J2 -	HEAD/JAMB 2" × 1-3/4" WOOD	"V Z T V	× 1-3/4"	DOOR								(STOREFRONT)													3.1 BA THE AD DOWELI
AND METHO		D FRAME	EXISTING AL		D H1/JAMB	D H2/JAM	EXISTING HE 3'-0" × 7'-0"	, Ē	ןאן א א א		UNRATED 20 MINITE	MINUTE	MINUTE	N A	UP B1	00P B2	U 0	ш с													4.1 ALI COMPA
		MOOD	EXIS	EXIS	HEAD	HEAD	51-0 3'-0		3'-0" EVIGT	EXIS		45	901	GROUP	GROUP	GROUP	GROUP	GROUP													DIVIS
RECEP							_				•							•											-		1.1 PRC
MERCH	HANDISE A	•				•			•		•					•			В		1, 2		MARK	ED A	s (03) ON A	A-110				A. AT A
SAUNA	A	•				•			•		•					•			В		1, 2		MARK	ED A	5 0 3) ON A	A-11 <i>0</i>				CONTRA
SAUNA		•				•	+		•		•					•			В		1, 2		MARK MARK		\rightarrow	<u> </u>					B. AT A
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SOCIAI	L SAUNA	•							•		•					•			В		1, 2		MARK	ED A	s@3)ON A	A-110				D. AT A
ADA S.		•					+		•	+	•								В		1, 2, 3	5	MARK	ED A	୧୦୪)ON A	A-11 <i>0</i>				E. AT A
RED LI		•				•			•		•					•			В		1, 2		MARK	ED A	s (03) ON A	\-110				F. AT O
RED LI		•				•			•	_	•					•			В		1, 2		MARK		\rightarrow	<u> </u>			-		803.8,
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	Y/STORAGE	•			•		┦╹				•						•		A				MARK	ED A	504) 0N A	A-110				2.1 MA
HALLW	VAY	•			•			•				RE			R	5	•		A				MARK	ED A	504)on /	A-110				2.1 MA 3.1 ITE BLOCK WINDOW
HALLW ENER	AL NOTES	ОТН,			SOLID							RE							A				MARK	ED A	504)оп /	A-110				3.1 ITE BLOCK
HALLW ENER ALL INTER PREPPED	NAY AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN	DTH,	3 NO	TED	SOLID OTH	ERWI	3E (U.	.N.C).).)RS	1	. UNI 2. SIG	DERC	CUT [DMP/	2001 ANY	r 1.5' To II	" NSTAI		OR SIG												3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL
HALLW ENER ALL INTER PREPPED DOOR CLC	AL NOTES	OTH, ILESS	5 NO . TO I	MEE	OLID OTH	ERWI	ge (u. Quire	.N.C ME	D.). ENTS.)RS		. UNI 2. SIG 3. INS 5HEE	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.	2001 ANY CESS	r 1.5' To II Bibli	" NSTAI E DOO	r sig	OR SIG	Ε ΟΝ ΟΙ	UTSIDE										3.1 ITE BLOCK WINDON 1.1 ALL INTERN 2.1 GL REQUIR
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING	VAY AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE	DTH, ILESS , ETC PPIN IR PE	5 NO . TO I G ON NETI	MEE NEE	OLID OTH	ERWI	ge (u. Quire	.N.C ME	D.). ENTS.)RS		. UNI 2. SIG 3. INS 5HEE	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.	2001 ANY CESS	r 1.5' To II Bibli	" NSTAI	r sig	OR SIG	Ε ΟΝ ΟΙ	UTSIDE										3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING	VAY AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI	DTH, ILESS , ETC PPIN IR PE	5 NO . TO I G ON NETI	MEE NEE	OLID OTH	ERWI	ge (u. Quire	.N.C ME	D.). ENTS.)RS		. UNI 2. SIG 3. INS 5HEE	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.	2001 ANY CESS	r 1.5' To II Bibli	" NSTAI E DOO	r sig	OR SIG	Ε ΟΝ ΟΙ	UTSIDE										3.1 ITE BLOCK WINDON 1.1 ALL INTERN 2.1 GL REQUIR
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING COORDIN	AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE ATE ALL KEYING WITH OV MANUFACTURER &	OTH, ILESS , ETC PPIN R PE WNER	5 NO . TO I G ON NETI R.	MEE N EXT RATI	OLID OTH	ERWI	ge (u. Quire	.N.C ME	D.). ENTS.	DRS ,		. UNI 2. SIG 3. INS 5HEE	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.	DOOI ANY CESS	r 1.5' To II Əibli Har	" NSTAI E DOO	r Sig	OR SIG	Ε ΟΝ ΟΙ		OF R		SEE							3.1 ITE BLOCK WINDON 1.1 ALL INTERN 2.1 GL REQUIR DIVIS
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING COORDINA	VAY AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE ATE ALL KEYING WITH OV	OTH, ILESS , ETC PPIN R PE WNER	5 NO . TO I G ON NETI R.	MEE N EXT RATI	OLID OTH	DA REG	ge (u. Quire	IN.C	0.). ENTS. NOT	DRS , YLE		. UNI 2. SIG 3. INS 5HEE ⁻ 1. EXIS	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.	2001 ANY CESS ANIC CC	r 1.5 To II BIBLI HAR	" NSTAI E DOO RDWAR	r 91 <i>6</i> E to 6H	OR SIG	Ε ΟΝ ΟΙ	1	OF R	00М.	SEE							3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL REQUIR DIVISI 1.1 REP NEW WO 2.1 SMU OCCUPA
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING COORDIN/	AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE ATE ALL KEYING WITH OV MANUFACTURER &	OTH, ILESS , ETC PPIN R PE WNER	5 NO . TO I G ON NETI R.	MEE N EXT RATI	OLID OTH T AD	DA REG	9E (U. QUIRE 90R9 I	IF N	0.). ENTS. NOT	DRS , YLE	50LI	. UNI 2. SIG 3. INS 5HEE ⁻ 1. EXIS	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.	2001 ANY CESS ANIC CC	R 1.5 ⁻ TO II ƏIBLI HAR DLOR	" NGTAI E DOO RDWAF	r 91 <i>6</i> E to 6H	OR SIG	Ε ΟΝ ΟΙ	1	OF R	OOM. ARKS	SEE							3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL REQUIR DIVIS 1.1 REF NEW WO 2.1 SM OCCUP/ EXIT EN CORRID
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING COORDINA COORDINA COORDINA ERIOR OORS AN ERIOR	AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE ATE ALL KEYING WITH OV MANUFACTURER &	DTH, LESS , ETC PPIN R PE	5 NO . TO I G ON NETI R.	MEE N EXT RATI	OLID OTH T AD	DA REG	9E (U. QUIRE 90R9 I	IF N	0.). :NTS. 10T STY	DRS , YLE	50LI	. UNI 2. SIG 3. INS 5HEE ⁻ 1. EXIS	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.	DOOI ANY CESS ANIC	R 1.5 TO II ƏIBLI HAR DLOR PT-2 FI	" NGTAI E DOO RDWAR R/ FINI 2 GATI	R SIG E TO SH	OR SIG	Ε ΟΝ ΟΙ		OF R REM	OOM. ARKS	SEE							3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL REQUIR DIVIS 1.1 REF NEW WO 2.1 SM OCCUP/ EXIT EN CORRID ROOMS
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING COORDINA ORS AN ERIOR DORS ERIOR AMES	AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE ATE ALL KEYING WITH OV MANUFACTURER & ND FRAMES -	DTH, ILESS , ETC PPIN R PE	3 NO . TO G ON NET! 2. DEL ;	MEE N EXT RATI	OLID OTH T AD	DA REG	9E (U. QUIRE 00R9 I 5M00	IF N	D.). ENTS. NOT STY I, FLU RE W	YLE JORS J. YLE JOH	50LI	. UNI 2. SIG 3. INS 5HEE ⁻ 4. EXI8	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.		R 1.5 ⁻ TO II ƏIBLI HAR DLOR PT-2 FI FI ƏEMI	" NSTAI E DOO RDWAR R/ FINI 2 SATI INISH PT-2	R SIG E TO 6H N		Ε ΟΝ ΟΙ		OF R REM	OOM. ARKS DETAIL	SEE							3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL REQUIR DIVIS 1.1 REF NEW WO 2.1 SM OCCUP/ EXIT EN CORRID
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING COORDINA ORS AN ERIOR AMES ERIOR AMES ERIOR AMES	AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE ATE ALL KEYING WITH OV MANUFACTURER 8 ND FRAMES IX4 WOOI MATCH BUIL STANDARD OR		3 NO . TO G ON NET! 23. DEL ;	MEE N EXT RATI	OLID OTH T AD	DA REG	9E (U. QUIRE 00R9 I 5M00		D.). ENTS. NOT STY I, FLU RE W	YLE JUSH VOOI		. UNI 2. SIG 3. INS 5HEE ⁻ 4. EXI8	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.		R 1.5 TO II ƏIBLI HAR DLOR PT-2 FI FI ƏEMI HATC	" NSTAI E DOO RDWAR R/ FINI 2 SATI NISH PT-2 I-GLO	R SIG E TO SH N SS		Ε ΟΝ ΟΙ		OF R REM	OOM. ARKS DETAIL	SEE							3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL REQUIR DIVIS 1.1 REP NEW WO 2.1 SMA OCCUP/ EXIT EN CORRID ROOMS 3.1 ALL
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING COORDINA ORS AN ERIOR DORS ERIOR AMES ERIOR DORS NDOWS	AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE ATE ALL KEYING WITH OV MANUFACTURER 8 ND FRAMES IX4 WOOI MATCH BUIL STANDARD OR AND GLASS	DTH, LLESS , ETC PPIN R PE WNER MOI	3 NO . TO G ON NETH 2. DEL ; ; AL	MEE N EXT RATI	OLID OTH T AD	DA RECOR DO	3E (U. QUIRE DORS I SMOC		D.). INTS. NOT STY I, FLU RE W	YLE JSH VOOI - JUIL DAR		. UNI 2. SIG 5. INS 5.	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.		R 1.5 ⁷ TO II ƏIBLI HAR DLOK PT-2 FI FI ƏEMI HATC ST/	" NSTAI E DOO RDWAR R/ FINI 2 SATI NISH PT-2 I-GLO H BUI ANDAI	R SIG E TO SH N SS					OOM. ARKS DETAIL DETAIL	9EE	NOT						3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL REQUIR DIVISI 1.1 REF NEW WO 2.1 SMO OCCUP/ EXIT EN CORRID ROOMS 3.1 ALL FURRIN 4.1 WA A. AT N
HALLW ENER ALL INTER PREPPED DOOR CLC REPLACE SEALING COORDIN/ ORS AN ERIOR DORS ERIOR AMES ERIOR DORS NDOWS EFRONT	AL NOTES RIOR DOORS TO BE SMOO FOR A PAINT FINISH, UN OSERS, LEVER HANDLES, EXISTING WEATHERSTRI DOOR FROM AIR & WATE ATE ALL KEYING WITH OV MANUFACTURER 8 ND FRAMES IX4 WOOI MATCH BUIL STANDARD OR	DTH, LESS , ETC PPIN R PE WNEF MOI	3 NO . TO G ON NETI 3. DEL ; AL	MEE N EXT RATI	OLID OTH T AD	DA RECOR DO	3E (U. QUIRE DORS I SMOC		D.). INTS. NOT STY I, FLU RE W	YLE JSH VOOI - JUIL DAR		. UNI 2. SIG 5. INS 5.	DERC N CO TALL T A-11	CUT [DMP/ _ AC(13.		R 1.5 ⁷ TO II ƏIBLI HAR DLOK PT-2 FI FI ƏEMI HATC ST/	" NSTAI E DOO RDWAR R/ FINI 2 SATI NISH PT-2 I-GLO	R SIG E TO SH N SS					OOM. ARKS DETAIL DETAIL	SEE	NOT						3.1 ITE BLOCK WINDOV 1.1 ALL INTERN 2.1 GL REQUIR DIVISI 1.1 REF NEW WO 2.1 SMO OCCUP/ EXIT EN CORRID ROOMS 3.1 ALL FURRIN 4.1 WA A. AT N B. AT N
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ARCHITECTURAL SPECIFICATIONS

IVISION 3 CONCRETE

CLEAN, GRIND, FILL AND LEVEL ALL EXISTING CONCRETE TO RECEIVE NEW FLOORING, STAINING OR SEALING.

FLOORS TO RECEIVE SHEET VINYL OR CERAMIC TILE SHALL NOT VARY MORE THAN 1/4" PER 10 FEET.

BACK POURED CONCRETE, WHERE SAW CUTTING HAS OCCURRED, SHALL BE SMOOTH AND LEVEL AND HAVE A FINISH TO MATCH HE ADJACENT CONCRETE. USE 2,500 PSI CONCRETE OR HIGHER. PROVE #4 X 12" REBAR DOWELS AT 48" O/C, DRILLED AND DWELED INTO SIDE OF CONCRETE AT ALL SAW CUT TRENCHES.

ALL TRENCHES SHALL BE BACKFILLED IN LIFTS OF NOT GREATER THAN 6" AND RECOMPACTED TO 90% OF EXISTING SOIL/PAD

IVISION 7 INSULATION

PROVIDE KRAFT FACED FIBERGLASS BATT INSULATION IN THE FOLLOWING LOCATIONS:

AT ALL BUILDING EXTERIOR WALLS IN CONDITIONED SPACES: 2" OR 4" INSULATING BATTS TO MATCH DEPTH OF FURRING. ONTRACTOR MAY USE RIGID FOAM INSULATION AT HIS OPTION.

AT ALL TENANT DEMISING WALLS: 4" OR 6" INSULATING BATTS TO MATCH SIZE OF DEMISING WALL STUDS.

AT ALL WALLS SEPARATING CONDITIONED SPACE FROM EVAPORATIVE COOLED OR NON-CONDITIONED SPACE: 4" OR 6" ISULATING BATTS TO MATCH SIZE OF DEMISING WALL STUDS

AT ALL TOILET ROOM WALLS AND CEILINGS: 4" SOUND BATTS.

AT ALL ROOMS CONTAINING ELECTRICAL TRANSFORMERS: 4" INSULATING BATTS IN WALLS AND ABOVE CEILING.

AT OTHER LOCATIONS, IF ANY, AS SPECIFIED ON THE FLOOR PLANS: 4" SOUND BATTS. 2.1 INSULATION BOTH THERMAL AND COUSTIC TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450. (IBC 03.8, IBC 719 AND ASTM E84).

IVISION 8 DOOR AND FRAMES

ALL EXITS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED.

ITEM 1 NEED NOT APPLY TO THE FRONT DOOR OF A PLACE OF BUSINESS AS LONG AS A SIGN IS PLACED ABOVE THE DOOR IN 2" LOCK LETTERS WITH CONTRASTING BACKGROUND THAT READS, "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". NDOWS AND GLASS

ALL GLASS SUBJECT TO HUMAN IMPACT SHALL CONFORM TO THE STANDARDS SET FORTH IN SECTION 2406 OF THE TERNATIONAL BUILDING CODE.

GLASS: MATCH EXISTING THICKNESS, DESIGN AND FEATURES OF EXISTING GLASS. OTHERWISE USE FLOAT OR TEMPERED AS EQUIRED BY NOTE 1 ABOVE.

IVISION 9 FINISHES

REPAIR ALL EXISTING WALLS, FLOORS AND CEILINGS THAT ARE TO REMAIN. REPAIR TO "LIKE NEW" CONDITION, MATCHING ALL EW WORK IN QUALITY, COLOR AND MATERIALS.

I SMOKE AND FLAME SPREAD FOR INTERIOR FINISHES FOR WALLS AND CEILING TO BE PER ASTM E84 AND IBC 803. FOR B CCUPANCIES IN A SPRINKLERED SUITE:

XIT ENCLOSURES AND EXIT PASSAGEWAYS CLASS B(FLAME SPREAD 26-75, SMOKE DEVELOPED 0-450) CLASS C(FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450) OOMS AND ENCLOSED SPACES CLASS C(FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450)

ALL EXTERIOR BUILDING WALLS IN CONDITIONED SPACES UPON COMPLETION OF THE PROJECT SHALL RECEIVE 2" METAL STUD JRRING, BATT INSULATION AND GYP. BOARD WITH WALL FINISHES TO MATCH ADJACENT WALLS.

AT NEW WALLS IN NEW AREAS: LEVEL 4 SMOOTH TEXTURE, SATIN LATEX PAINT.

, AT NEW WALLS IN EXISTING AREAS: WALL FINISH TO MATCH EXISTING WALLS, SATIN LATEX PAINT.

AT EXISTING WALLS: REPAIR TO "LIKE NEW" CONDITION MATCHING ALL NEW WORK IN QUALITY. REPAINT WITH SATIN LATEX PAINT.

AT WALLS TO RECEIVE WALL COVERING: SMOOTH FINISH, NO TEXTURE, PAINT WITH WALL PRIMER.

ALL WALLS SHALL HAVE ROUND CORNER BEAD, TYP.

ALL GYP BOARD SOFFITS SHALL HAVE ROUND CORNER BEAD, TYP.

1 FLOOR FINISH NOTES:

WALL FINISH NOTES

ALL FLOOR TO RECEIVE CERAMIC TILE SHALL HAVE A MAXIMUM OF PER FOOT SLOPE ACROSS PER 10'X10' AREA.

ALL FLOOR EXPANSION JOINTS, PATCHES AND IMPERFECTIONS SHALL BE PREPARED WITH EPOXY TYPE FLOOR LEVELER AND/OR LLER PRIOR TO FINAL FLOOR COVERING INSTALLATION.

ALL FLOOR FINISHES ARE AS INDICATED ON THE ROOM FINISH SCHEDULE. WITH FINAL COLOR AND STYLE SELECTIONS BY

CARPET AND INTERIOR FLOOR FINISHES COMPRISED OF FIBERS IN VERTICAL EXITS, EXIT PASSAGEWAYS AND EXIT ACCESS ORRIDORS SHALL NOT BE LESS THEN CLASS II IN ACCORDANCE WITH NFPA 253. IN ALL OTHER AREAS THE INTERIOR FLOOR NISHES SHALL COMPLY WITH THE DOC FF-1 "PILL TEST" (CPSC 16 CFR, PART 1630). IN A SPRINKLERED BUILDING, MATERIALS OMPLYING WITH THE "PILL TEST" MAY BE USED WHERE CLASS II ARE REQUIRED.

TRANSITIONS BETWEEN MATERIALS TO BE WITH SCHLUTER TRIM OR EQUIVALENT. MAXIMUM 1/8" TOLERANCE BETWEEN LEVATIONS OF FINISHED MATERIALS.

FURNISHINGS

CASEWORK

1.1 DETAILED CASEWORK DRAWINGS ARE NOT A PART OF THE SCOPE OF THESE DOCUMENTS. CONTRACTOR SHALL WORK WITH A CASEWORK SUBCONTRACTOR AND THE OWNER/TENANT TO DETERMINE THE LAYOUT AND QUANTITY OF ALL CASEWORK DIAGRAMMATICALLY SHOWN ON THE FLOOR PLANS.

2.1 PROVIDE CASEWORK AS INDICATED IN THESE DOCUMENTS. PROVIDE SHOP DRAWINGS FOR THE OWNER TO REVIEW PRIOR TO MANUFACTURING SHOWING THE TYPE OF FABRICATION PROPOSED.

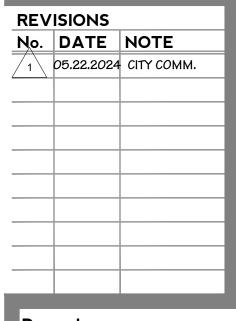
3.1 PROVIDE CASEWORK WITH ALL NECESSARY HARDWARE AND HINGES.



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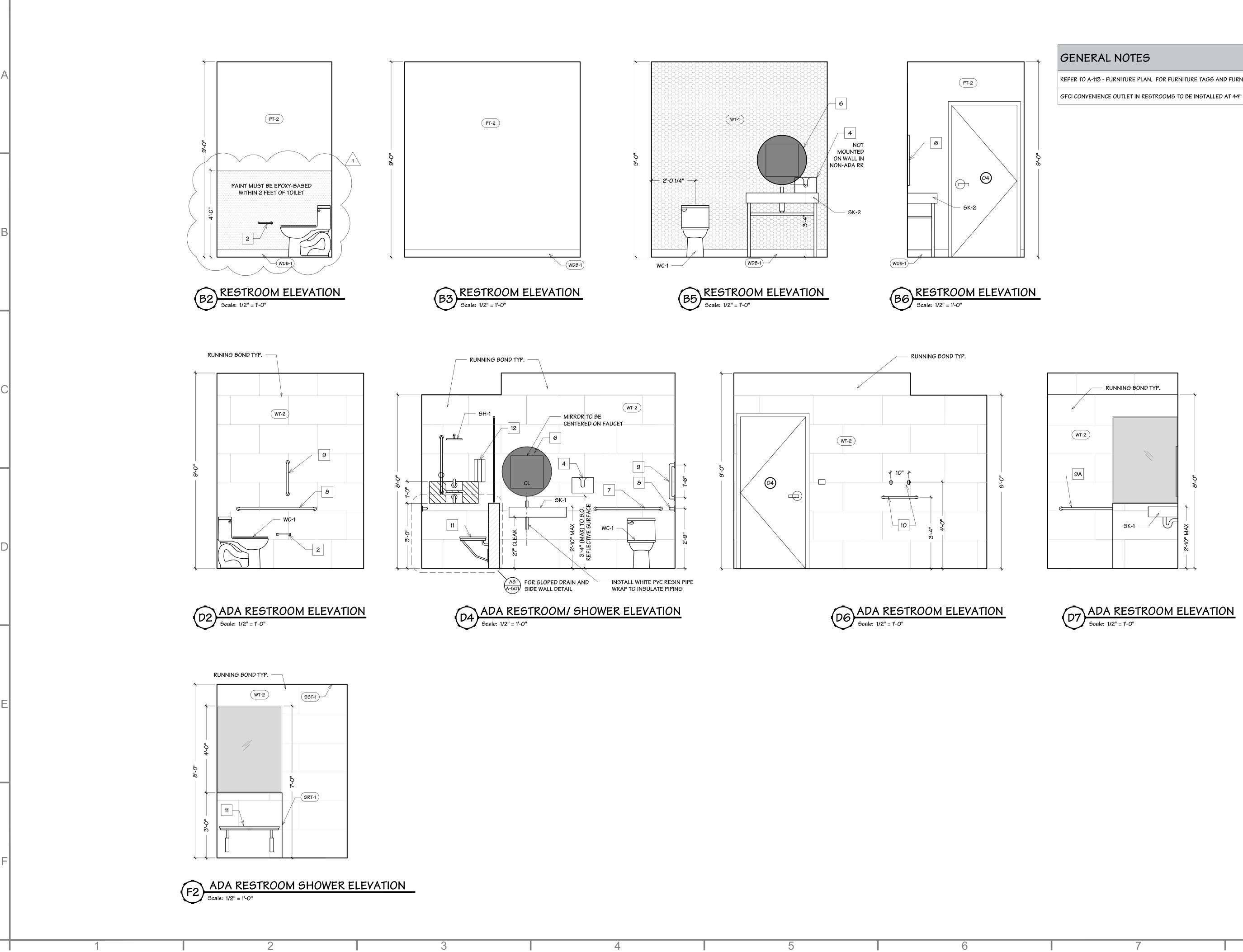


Drawn by: Checked by: Project No:

----Date: May 22, 2024

Schedule





REFER TO A-113 - FURNITURE PLAN, FOR FURNITURE TAGS AND FURNITURE / ACCESSORY SCHEDULE

GFCI CONVENIENCE OUTLET IN RESTROOMS TO BE INSTALLED AT 44" AFF

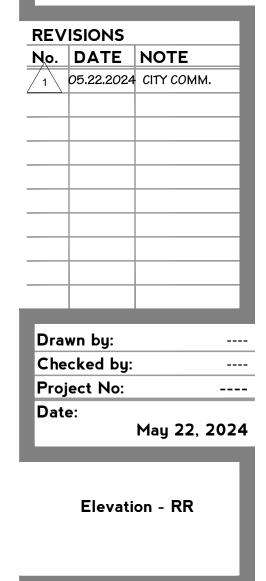




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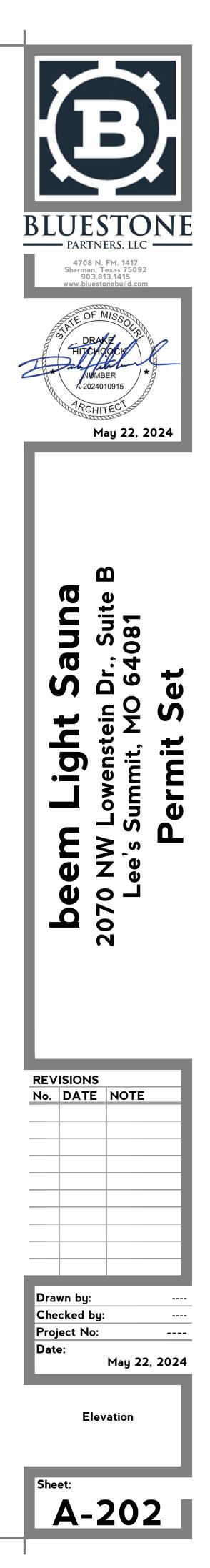




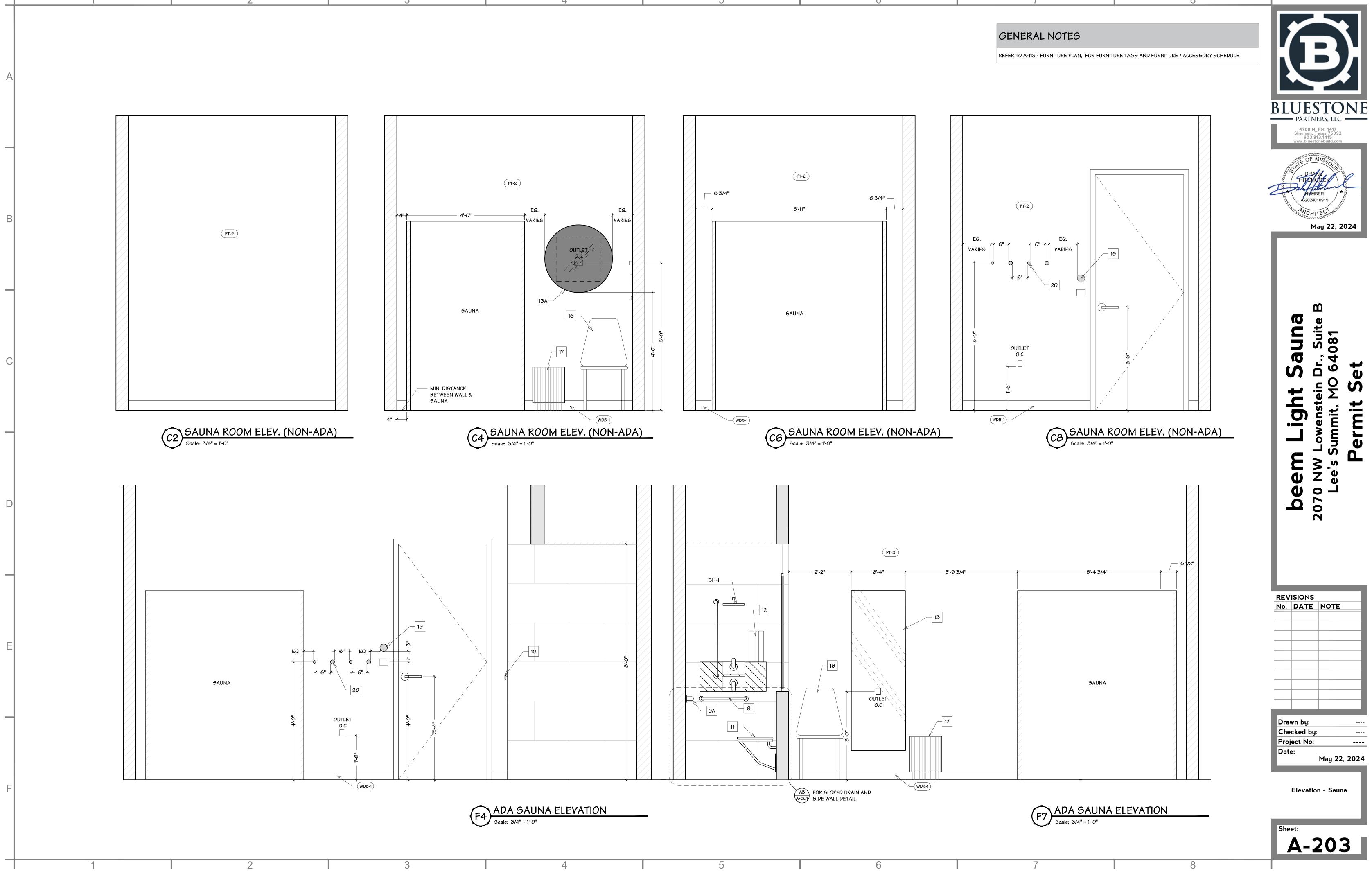
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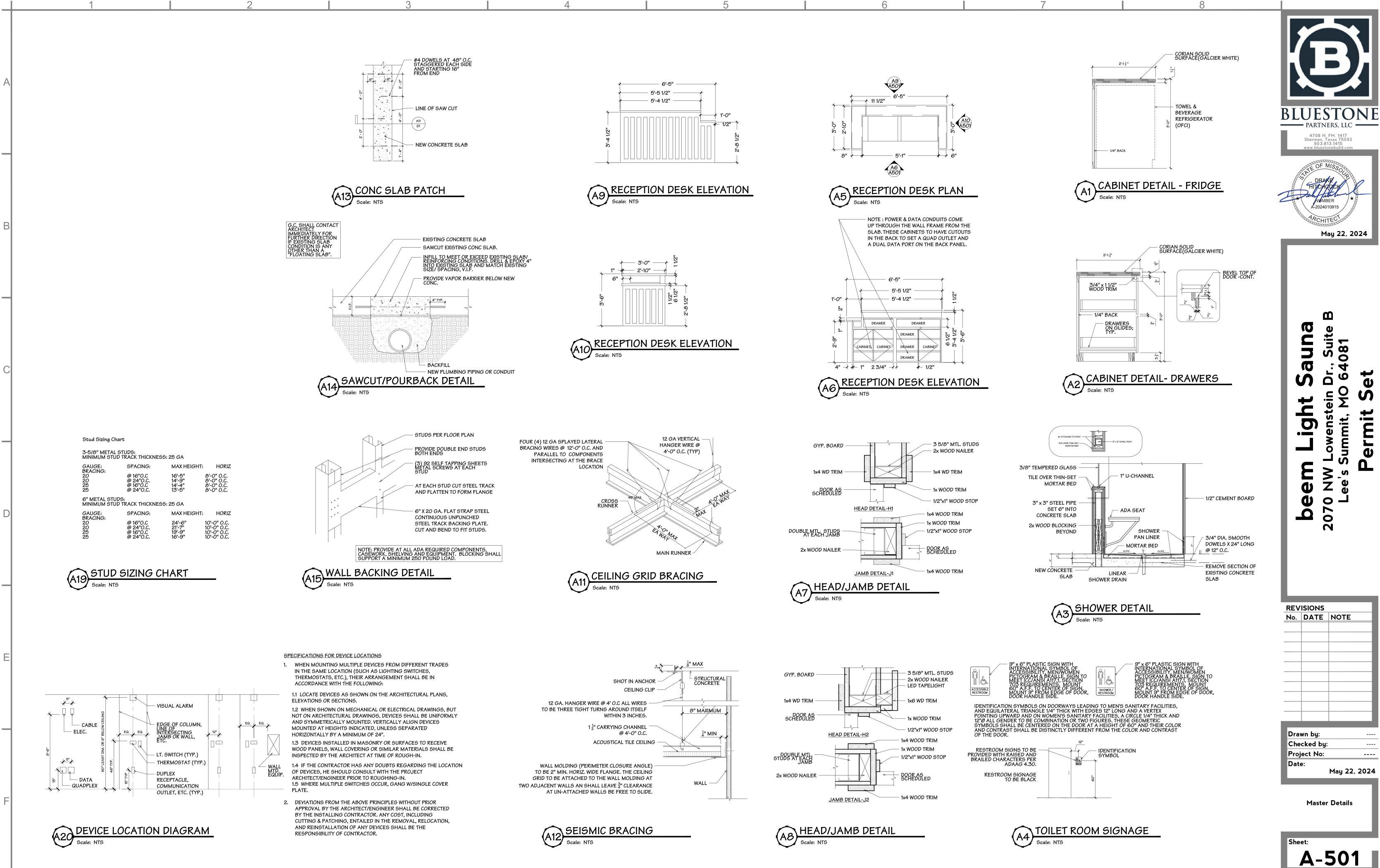


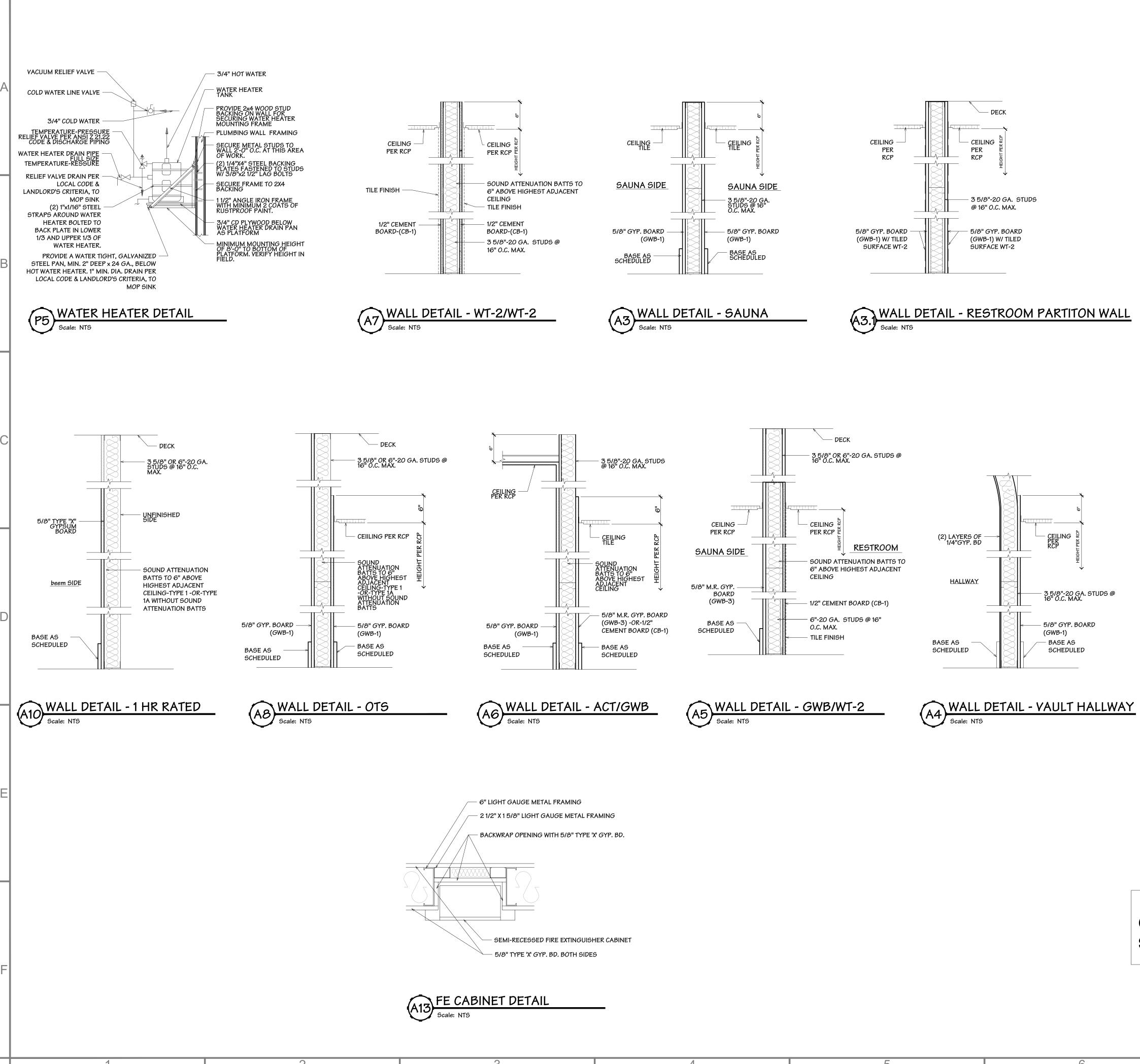
REFER TO A-113 - FURNITURE PLAN, FOR FURNITURE TAGS AND FURNITURE / ACCESSORY SCHEDULE GC TO MAXIMIZE BARREL HALLWAY HEIGHT ON SITE UP TO 12', CONSIDERING EXISTING UTILITY PIPES AND



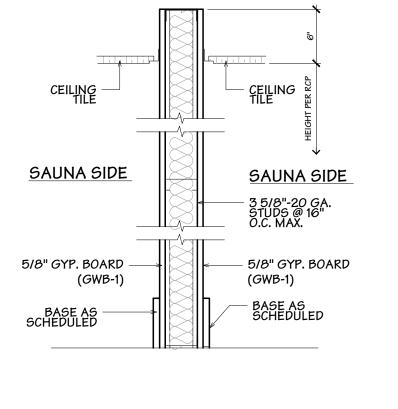
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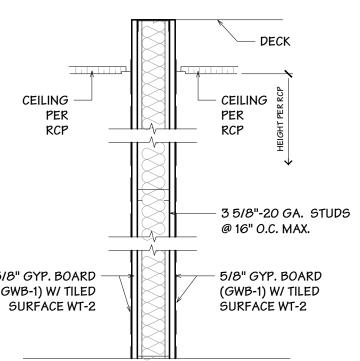




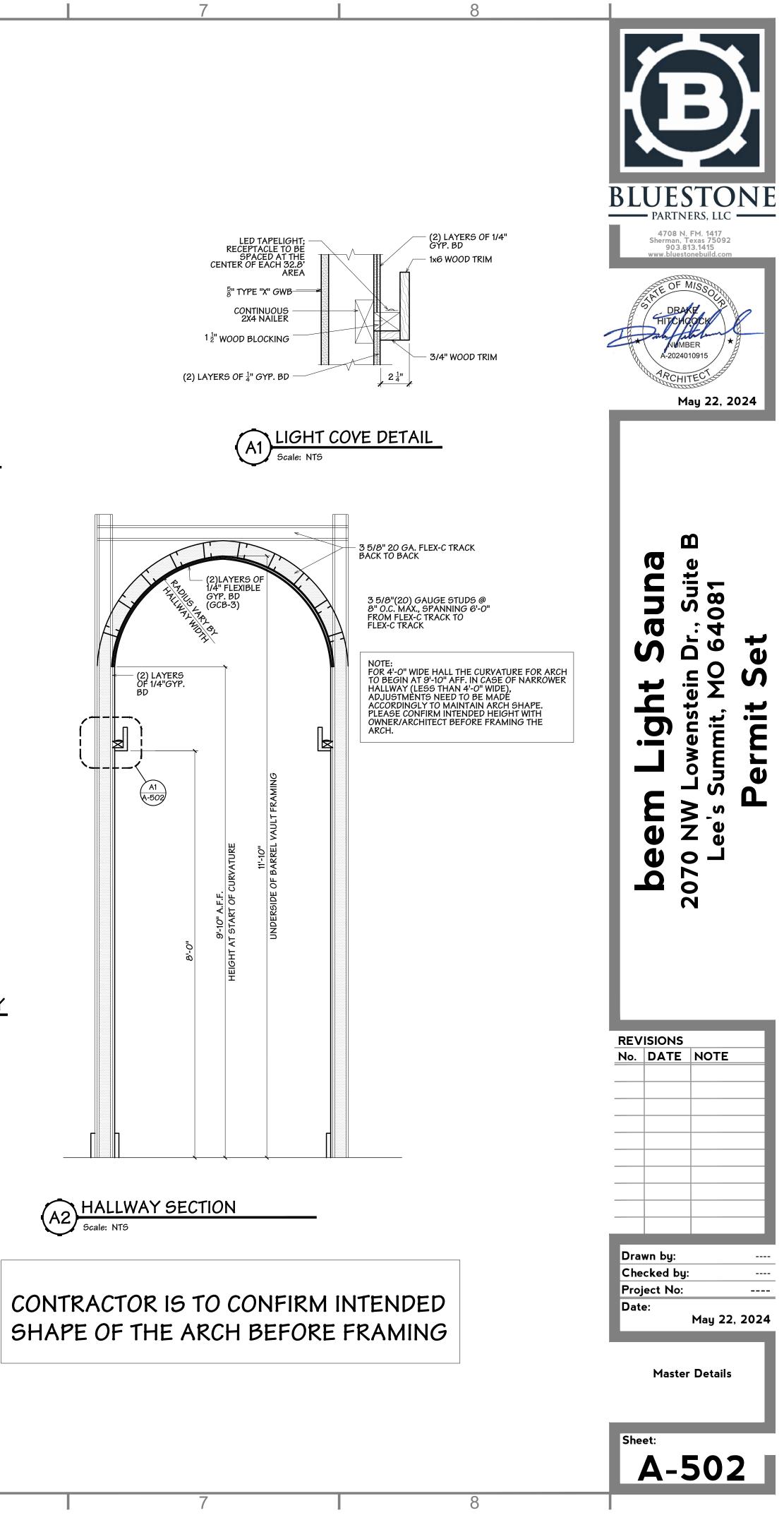


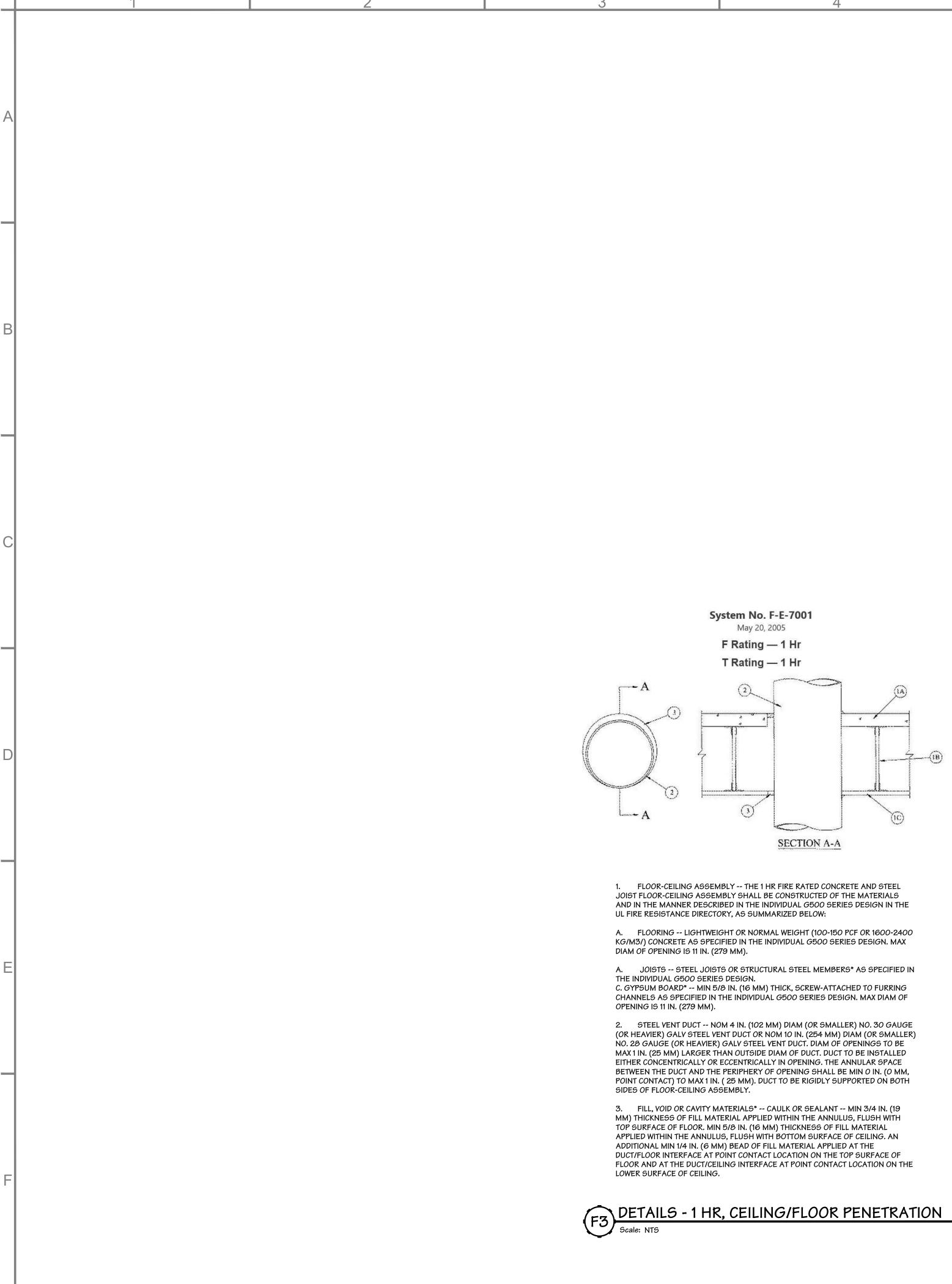


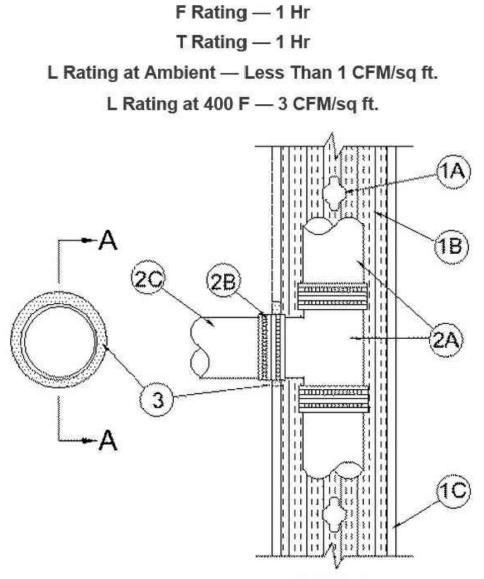












UL 1479 Standard System No. W-L-1330 September 25, 2003

SECTION A-A

WALL ASSEMBLY -- THE FIRE-RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STUDS -- WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC. STEEL STUDS TO BE MIN 3-5/8 IN. WIDE AND SPACED MAX 24 IN. OC. B. INSULATION* -- R13 (OR HIGHER) GLASS FIBER OR MINERAL FIBER BATT

INSULATION FRICTION FITTED INTO STUD CAVITY. C. GYPSUM BOARD* -- ONE LAYER OF NOM 5/8 IN. THICK GYPSUM BOARD, AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX DIAM OF OPENING IS 4-1/2 IN.

2. PIPING SYSTEM -- TTHE PIPING SYSTEM FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS SHALL CONSIST OF THE FOLLOWING:

A. STEEL OR IRON PIPE -- NOM 3 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE OR SCHEDULE 40 (OR HEAVIER) STEEL PIPE, INSTALLED WITHIN STUD CAVITY AND CONNECTED TO TEE. THE TEE PENETRATES WALL ON ONE SIDE AND IS INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN THE TEE AND THE EDGE OF THE OPENING SHALL BE MIN 3/8 IN. TO MAX 5/8 IN.

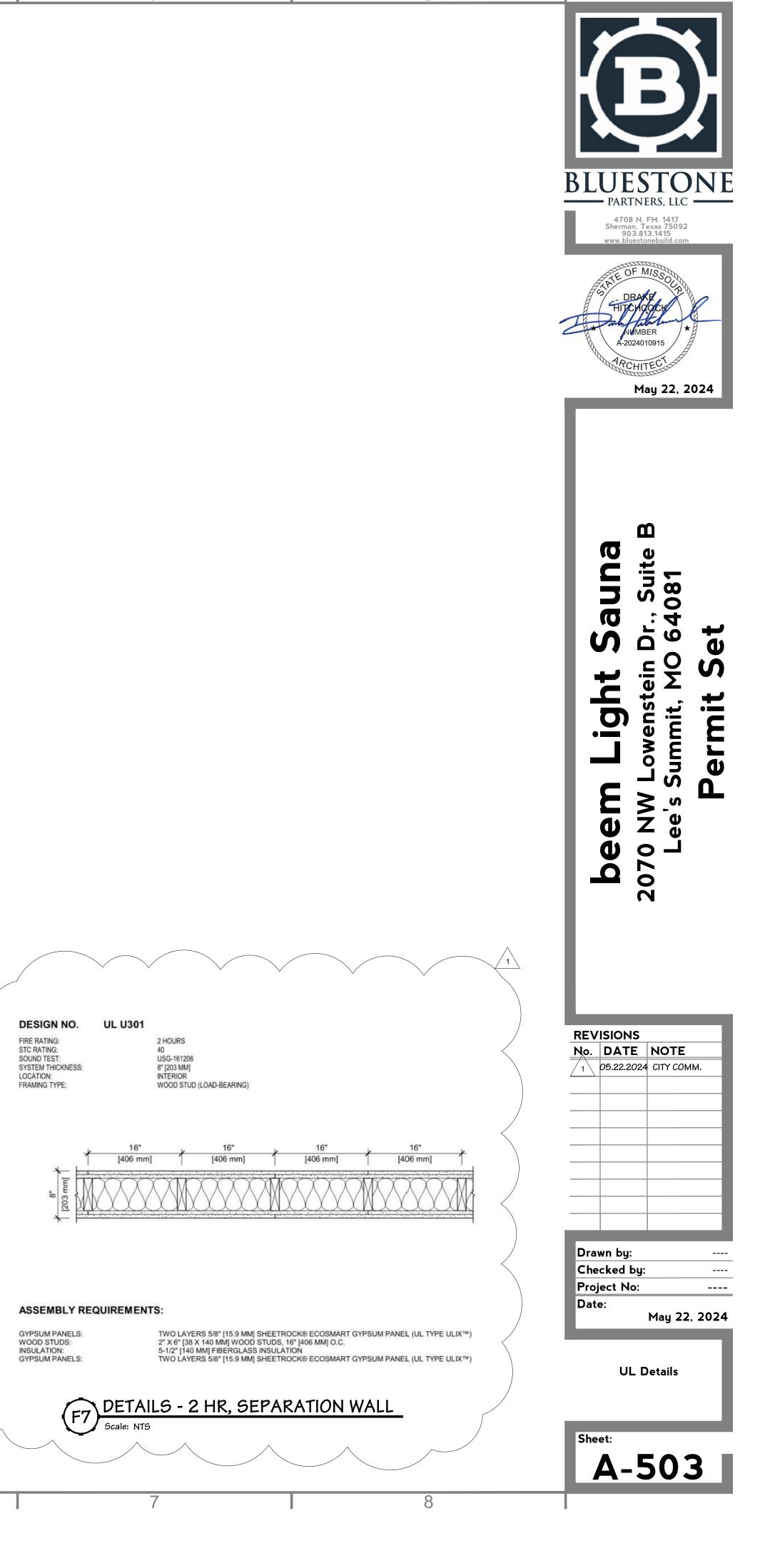
B. SHIELDED SLIP ON COUPLING -- NOM 3 IN. DIAM (OR SMALLER) 32 GAUGE (OR HEAVIER) CORRUGATED STAINLESS STEEL SHIELDED RUBBER COUPLING. COUPLING TO BE SECURED TO TEE WITH STAINLESS STEEL HOSE CLAMP AT ANY POINT BEYOND THE SURFACE OF WALL, OR MAY EXTEND A MAX OF 1 IN. INTO OPENING. WHEN COUPLING EXTENDS INTO OPENING, THE ANNULAR SPACE BETWEEN THE COUPLING AND THE EDGE OF THE OPENING SHALL BE MIN 1/4 IN. TO MAX 1/2 IN.

C. BRANCH PIPING -- BRANCH PIPE IS SECURED TO SHIELDED SLIP ON COUPLING WITH STAINLESS STEEL HOSE CLAMP AND MAY CONSIST OF THE FOLLOWING: 1. POLYVINYL CHLORIDE (PVC) PIPE -- NOM 3 IN. DIAM (OR SMALLER) SCHEDULE 40 SOLID CORE PVC PIPE.

2. STEEL OR IRON PIPE -- NOM 3 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE OR SCHEDULE 40 (OR HEAVIER) STEEL PIPE.

3. FILL, YOID OR CAVITY MATERIAL* -- SEALANT -- MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH SURFACE OF WALL.

(F5) DETAILS - 1 HR, WALL PENETRATION



ALL ELECTRICAL WORK SHALL BE IN COMPLIANCE

AND 2018 INTERNATIONAL ENERGY CONSERVATION

WITH 2017 NATIONAL ELECTRICAL CODE (NEC),

THIS PROJECT IS A TENANT FINISHOUT OF A

FIRST-GENERATION INLINE RETAIL SPACE IN A

SINGLE-STORY, SLAB-ON-GRADE RETAIL STRIP

THE BASIS OF DESIGN IS FOR A LOW-VOLTAGE

SECURITY SYSTEM, BY OTHERS. CAMERAS WILL

LOW-VOLTAGE CONTRACTOR SHALL COORDINATE

LOW VOLTAGE WIRING

SHALL BE SHIELDED.

WITH JURISDICTION. AND IF NECESSARY, SHALL

HAVE A LICENSED ELECTRICIAN PULL THE

BACK TO NVR AT MANAGER'S AREA.

BEEM LIGHT SAUNA PROTO NOTE:

BE POWERED VIA LOW-VOLTAGE CABLES ROUTED

LEE'S SUMMIT, MO NOTE:

LEE'S SUMMIT, MO NOTE:

LEE'S SUMMIT, MO NOTE:

LOW-VOLTAGE PERMIT.

CODE.

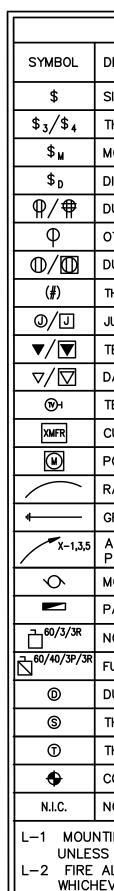
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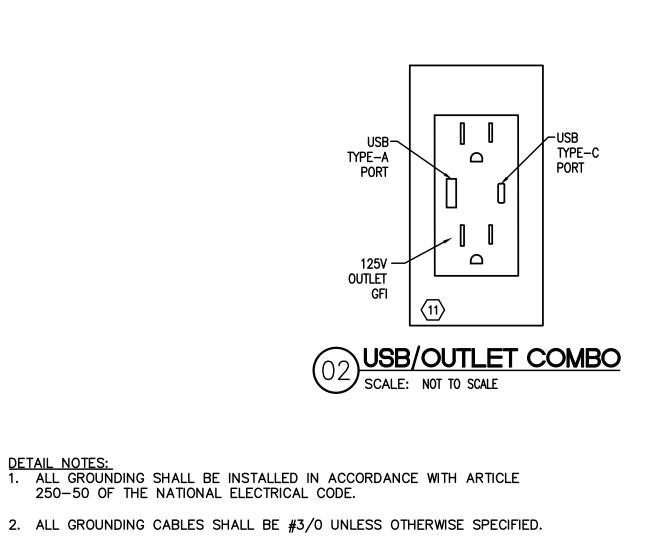
- **GENERAL NOTES** GENERAL RECEPTACLES INSTALLED
- AT +15" TO BOTTOM OF BOX A.F.F. VERIFY GFCI REQUIREMENTS PRIOR TO BID. ALL RECEPTACLES WITHIN 6'-0" OF A SINK OR WASH BASIN
- SHALL BE GFCI RATED. ALL RECEPTACLES AND DEVICES TO BE WHITE. VERIFY WITH ARCHITECT.
- SMOKE DETECTORS, FIRE ALARM SYSTEM, STROBES, HORNS, SPRINKLERS, ETC. SHALL BE DESIGNED AND INSTALLED WHERE REQUIRED BY A LICENSED FIRE SPRINKLER / FIRE PROTECTION CONTRACTOR (DESIGN-BUILD)
- UNDER A SEPARATE PERMIT. HVAC CONVENIENCE OUTLET(S) AND DISCONNECT(S) SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR, SIZE TO MATCH BREAKERS ON PANEL
- AND/OR NAMEPLATE. DISCONNECT SHALL BE RATED FOR VOLTAGE OF ORIGINATING PANEL.

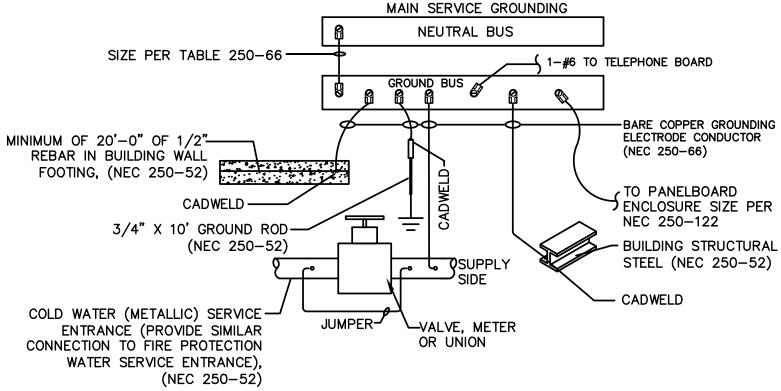
CONTRACTOR NOTES

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD OR TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVICES AS REQUIRED BY STATE AND LOCAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMISSIONS OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES / REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN, HAD AN EXAMINATION AND CODE REVIEW BEEN MADE, WILL NOT BE ALLOWED.







GROUNDING ELECTRODE SYSTEM DETAIL (EXISTING) SCALE: NOT TO SCALE

TYP

(18)

(15)

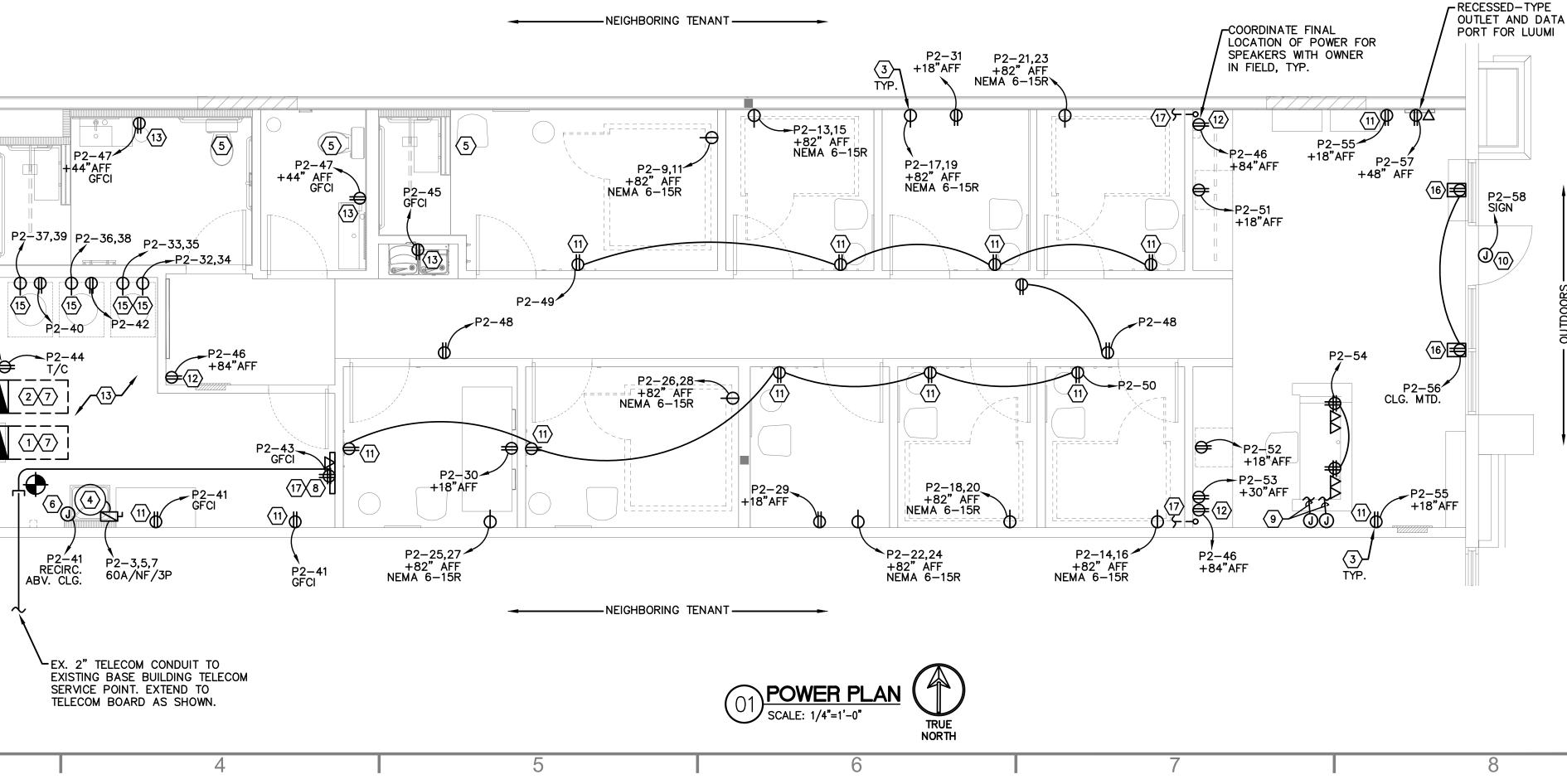
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ELECTRICAL SYMBOL LEGEND	
DESCRIPTION	HEIGHT (U.N.O.)
SINGLE POLE SINGLE THROW TOGGLE SWITCH (NOTE L-1)	44"
THREE-WAY TOGGLE SWITCH/FOUR-WAY TOGGLE SWITCH (NOTE L-1)	44"
MOTOR RATED SWITCH	
DIMMER SWITCH (NOTE L-1)	44"
DUPLEX / QUAD RECEPTACLE OUTLET (NOTE L-1)	15" (BOTTOM)
OTHER RECEPTACLE, AS NOTED.	
DUPLEX RECEPTACLE OUTLET, CEILING MOUNTED/FLOOR MOUNTED	
THE NUMBER IN PARENTHESIS IS THE CONVIENIENT OUTLET COUNT FOR THE CIRCUIT.	
JUNCTION BOX, CEILING / FLOOR MOUNTED	SEE PLAN
TELEPHONE OUTLET, WALL MOUNTED / FLOOR MOUNTED	SEE PLAN
DATA OUTLET, WALL MOUNTED/FLOOR MOUNTED	SEE PLAN
TELEVISION OUTLET WALL MOUNTED	SEE PLAN
CURRENT TRANSFORMER	
POWER METER AND SOCKET	
RACEWAY/CABLE CONCEALED IN WALL AND/OR ABOVE CEILING	
GROUNDING CONNECTION (SYSTEM AND/OR EQUIPMENT)	
ARROWHEAD INDICATES HOMERUN. X-1,3,5 INDICATES HOMERUN TO PANEL X CIRCUIT NUMBERS 1,3, AND 5.	
MOTOR	
PANELBOARD - WALL MOUNTED (RECESSED/SURFACE MOUNTED)	
NONFUSIBLE DISCONNECT SWITCH, RATING/POLES/NEMA ENCLOSURE	
FUSIBLE DISCONNECT SWITCH, RATING/FUSE RATING/POLES/NEMA ENCLOSURE	
DUCT SMOKE DETECTOR	
THERMAL DETECTOR, WALL MOUNTED	SEE PLAN
THERMOSTAT, WALL MOUNTED	
CONNECT NEW TO EXISTING	
NOT IN CONTRACT	
NTING HEIGHTS NOTED ARE TO THE CENTER OF DEVICE ABOVE FINISHED SS NOTED OTHERWISE (U.N.O.). ALARM VISUAL DEVICES SHALL BE WALL-MOUNTED 80" AFF OR 6" BEL HEVER IS LOWER. AUDIBLE ONLY DEVICES SHALL BE WALL-MOUNTED AT	OW CEILING,

IS LOWER. AUDIBLE ONLY DEVICES SHALL BE WALL-MOUNTED AT NOT LESS THAN 90" AFF AND NOT LESS THAN 6" BELOW CEILING. * NOT ALL SYMBOLS USED ON ALL JOBS '

IECC 2018

	11 11	
IECC 2018 APPLIANCE NOTES: 1. THE REFRIGERATION EQUIPMENT SHALL MEET THE STANDARDS FOR EFFICIENCY,		TENANT SPACE AND F
PER IECC 2018 C403.10. NOTE THAT THE ENERGY STAR REFRIGERATORS AND FREEZERS ARE 10% MORE EFFICIENT		(2) EX. PANEL 'P2' SECTI INTO ROOM.
THAN MINIMUM FEDERAL EFFICIENCY STANDARDS FOR SUCH PRODUCTS.		$\langle 3 \rangle$ FURROUT WALLS AS N $\langle 4 \rangle$ WATER HEATER ON PI
THEREBY THEY SHOULD MEET THIS REQUIREMENT.		MAINTAIN REQUIRED C
IECC 2018 ELECTRICAL NOTES: 1. DAYLIGHT-RESPONSIVE CONTROLS SHALL BE COMPLIANT WITH IECC 2018 C405.2.4.		(5) CIRCUIT RESTROOM/SI RELAYS, CONTACTORS
DAYLIGHT RESPONSIVE CONTROLS ARE REQUIRED FOR ROOMS WITH EXTERNAL		6 PLACE RECIRCULATION
WINDOWS AND 150 WATTS OR MORE OF GENERAL LIGHTING WITHIN PRIMARY DAYLIGHT ZONES AND/OR 300 WATTS		(7) MAINTAIN 36" CLEAR SWITCHGEAR, AND 42
OR MORE OF GENERAL LIGHTING WITHIN SIDELIT DAYLIGHT ZONES.		8 24"x16"x3/4" 'AC' GR CONDUITS AND CONDU COMPANY'S TELEPHON
2. ALL BUILDING LIGHTING NOT CONTROLLED BY AN OCCUPANCY SENSOR (AND NOT IN AN EQUIPMENT ROOM) SHALL BE CONTROLLED BY THE BUILDING LIGHTING TIMER, AND IT SHALL BE SET AND LABELED TO BE OFF DURING NON-OCCUPIED HOURS.		9 POWER AND DATA TO CAVITY OF THE RECEPT CONDUIT WITH PULL S OUTLET AND A DOUBL THE DESK CABINETS.
3. AUTOMATIC CONTROLS SHALL TURN ON NO MORE THAN 50% POWER LEVELS WHEN OCCUPANTS ARE SENSED. THIS SHALL BE DONE BY A SENSOR WITHOUT A WALL SWITCH, EXCEPT AN OVERRIDE		(10) INSTALL A JUNCTION PROVIDE NEC COMPLIA PHOTO CELL AND COM SIGNS WITH ARCHITEC PRESENT AND IN GOO
OFF SWITCH SHALL BE PROVIDED FOR CLASS ROOMS, MEETING ROOMS WITH PROJECTORS, ETC. THIS SENSOR SHALL HAVE A 15-MINUTE TIMEOUT.		11 PROVIDE USB/OUTLET LOCATION AND MOUN
 4. THE REMAINING 50% OF LIGHTS SHALL HAVE A WALL SWITCH TO TURN ON AND A DIFFERENT OCCUPANCY SENSOR (AN OVERRIDE) TO SHUT OFF LIGHTING DURING UNOCCUPIED HOURS. THIS 		(13) PROVIDE GFCI ELECTR OUTSIDE EDGE OF A S OUTLETS ARE PLACED CIRCUIT BREAKER IN
SENSOR SHALL HAVE A 15-MINUTE TIMEOUT.		(14) REUSE EXISTING FIRE REFER TO FIRE PROTE
5. OCCUPANT SENSOR CONTROLS IN OPEN OFFICES, WAREHOUSES, CORRIDORS, ETC.		(15) ELECTRIC DRYER. PRO
SHALL BE PROVIDED IN ACCORDANCE WITH IECC 2018 C405.2.1.1.		(16) CEILING MOUNTED REC ABOVE WINDOW IF CEI WINDOW RECEPTACLE(
IECC 2018 ELECTRICAL COMMISSIONING NOTES:		17 WHERE OWNER ELECTS
1. ELECTRICAL COMMISSIONING IS REQUIRED. COMMISSIONING SHALL BE PER IECC 2018 C408.3 (LIGHTING SYSTEMS).		AT 96" AFF IN THE E NETWORK VIDEO RECO NVR NEAR TELECOM E



KEY NOTES BY SYMBOL (#)

208V, 3PH PANEL 'P2' SECTION 1. PANEL IS SURFACE MOUNTED IN FACES OPEN INTO ROOM.

TION 2. PANEL IS SURFACE MOUNTED IN TENANT SPACE AND FACES OPEN

NECESSARY FOR POWER AND PLUMBING.

PLATFORM ABOVE UTILITY SINK. STRUCTURAL ENGINEERING IS BY OTHERS. CLEARANCES. PROVIDE NEC COMPLIANT MEANS OF DISCONNECT.

SHOWER EXHAUST FAN(S) TO LIGHTING CIRCUIT. PROVIDE ALL NECESSARY RS, ETC., TO CONNECT TO ROOM'S OCCUPANCY SENSOR.

ON PUMP OUTLET/J-BOX ABOVE WATER HEATER WHERE SPACE ALLOWS.

SERVICE SPACE IN FRONT OF 120/208V ELECTRIC PANELS AND 42" IN FRONT OF 277/480V GEAR, PER NEC.

GRADE PLYWOOD TELEPHONE BOARD. PROVIDE GROUND PER NEC. RUN DUCTORS AS ALLOWED BY LANDLORD AND LOCAL AHJ TO UTILITY ONE CONNECTION POINT.

TO THE RECEPTION DESK IS ROUTED UNDER THE SLAB INTO THE WALL EPTION DESK. PROVIDE A 3/4" CONDUIT FOR POWER, AND A SEPARATE 1" STRING FOR DATA. EACH HALF OF RECEPTION DESK RECEIVES A QUAD BLE DATA PORT. RECEPTACLES SHALL BE SET ON THE BACK WALLS OF

BOX ABOVE THE SUITE DOOR(S) FOR EXTERIOR SIGNAGE CONNECTION. IANT MEANS OF DISCONNECT FOR BUILDING SIGNAGE. PROVIDE TIME CLOCK, ONTACTOR AS NEEDED. COORDINATE FINAL LOCATIONS AND QUANTITIES OF CT AND OWNER PRIOR TO ORDERING. REUSE EXISTING J-BOXES WHERE DOD WORKING CONDITION.

ET COMBO, LEVITON T5633 (SEE DETAIL 02/E1.0), VERIFY QUANTITY, NTING HEIGHT WITH OWNER'S REPRESENTATIVE.

ARE TO BE WITHIN 2" OF THE WALL CORNER.

RICAL RECEPTACLE OUTLETS WHERE LOCATED WITHIN 6'-0" OF THE SINK PER NEC 210.8(B)(5) AND WET AREAS PER NEC 210.8(B)(6). IF ED IN AN INACCESSIBLE LOCATION, CONTRACTOR SHALL PROVIDE A GFCI THE PANELBOARD.

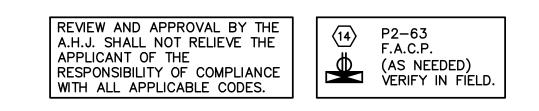
ALARM CONTROL PANEL WHERE PRESENT. PROVIDE NEW AS NEEDED. TECTION CONTRACTOR'S DRAWINGS SUBMITTED UNDER SEPARATE PERMIT.

ROVIDE (2)#10,#10G., 3/4"C, 30A/2P RECEPTACLE.

ECEPTACLES ABOVE WINDOW FOR INTERIOR SIGNAGE. MOUNT ON WALL CEILING IS MORE THAN 12" ABOVE TOP OF WINDOW. REUSE EXISTING SHOW E(S) AND CIRCUIT(S) WHERE PRESENT AND IN WORKING CONDITION.

TS TO INSTALL SECURITY CAMERAS, PROVIDE CONDUITS WITH PULL STRINGS BACK CORNERS OF THE RECEPTION AREA THAT TERMINATE AT THE CORDER (NVR) LOCATION. PROVIDE POWER FOR NVR AS NEEDED. PLACE BOARD, COORDINATE FINAL LOCATION OF NVR WITH OWNER IN FIELD.

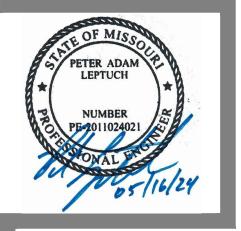
(18) EXISTING BASE BUILDING ELECTRICAL SERVICE GEAR ON EXTERIOR WALL OF BUILDING AT APPROXIMATE LOCATION SHOWN. REFER TO ONE LINE RISER DIAGRAM, SHEET E3.0

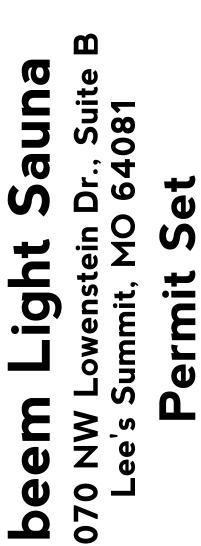






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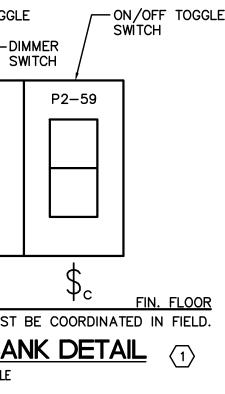


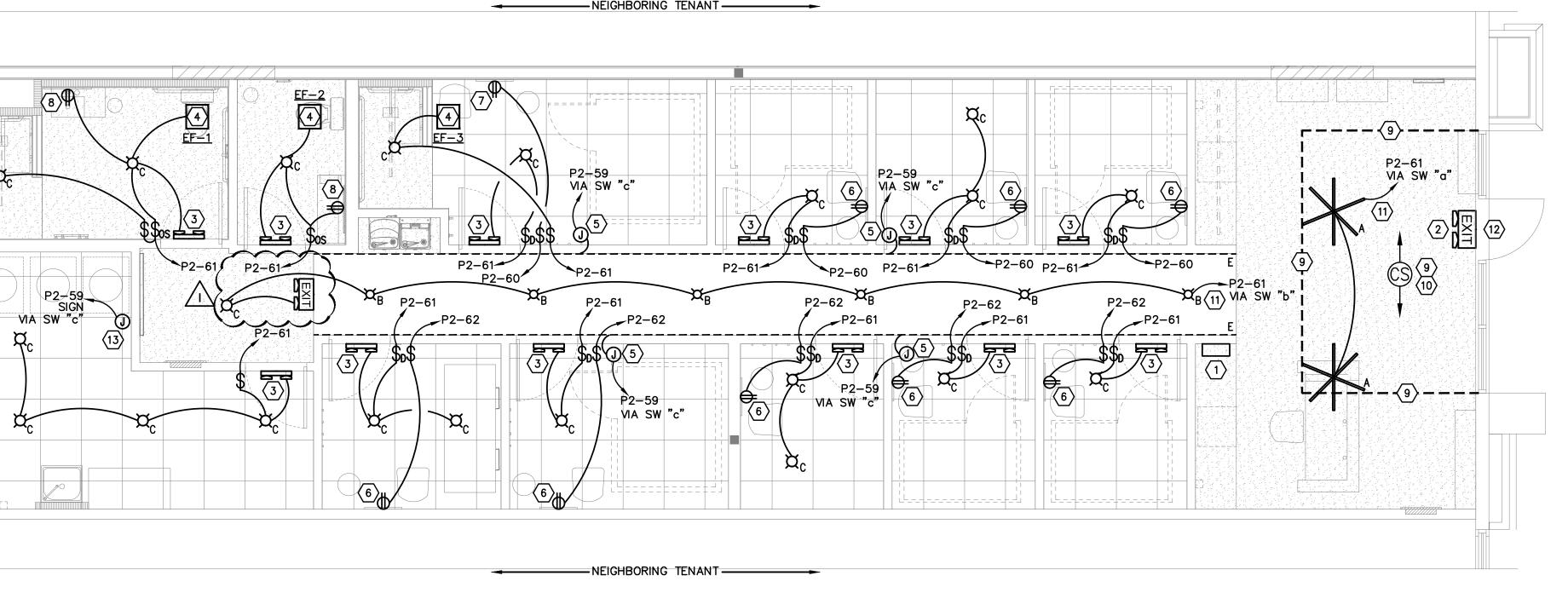
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REVI	SIONS	
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Proje	ect No:	
Date	:	
		May 16, 2024
PC	JVVEF	R PLAN

	SENSOR AND DEVICE SCHEDULE LIGHTING LEGEND
	D = CA - 1PS - WH = WALL = N/A = 2 = 3 LAMP
	DIMMER SWITCH S_ LUTRON DIVA WALL N/A 1 HALO HC410D010 RECESSED 4" WHITE W/ REGRESSED LENS 11W LED
	DUAL TECHNOLOGY OCCUPANCY/VACANCY Soc WATTSTOPPER DW-100 WALL 5, 15, 2 DW-100 WALL 5, 15, 2 OR 30 2 C HALO HC610D010 RECESSED 6" WHITE W/ REGRESSED LENS BECESSED 120V 11W LED
	SENSOR SWITCH COREQUAL) MINUTES D PLT-90270 LED SUSPENSION LIGHT FIXTURE 35W LED
	1. DIMMING PROTOCOL (ELV, 0-10V, ETC) SHALL BE COORDINATED WITH FINAL APPROVED LIGHTING FIXTURES PRIOR TO PURCHASE AND INSTALLATION OF DIMMERS. 2. ALL SWITCHES / DIMMERS AND THEIR ASSOCIATED WALL PLATES SHALL BE WHITE
	ELECTRICAL OVADOL LECEND
	SYMBOL DESCRIPTION HEIGHT (U.N.O.)
	ψ_{D}
	$\frac{405}{5}$ Fan speed control switch $\frac{1}{31^{3}/38^{3}}$ C. Emergency and exit lights shall be installed and circuited per the latest national electrical co
	L-1 MOUNTING HEIGHTS NOTED ARE TO THE CENTER OF DEVICE ABOVE INNUTE BATTERY BACKUP.
	*NOT ALL SYMBOLS USED ON ALL JOBS.
	CIRCUIT NUMBER / SWITCH / SWITCH / SWITCH / SWITCH / DIMMER / SWITCH / F. EXTERIOR LIGHTS ARE ASSUMED TO BE EXISTING BY LANDLORD, TO REMAIN.
	G. "NL" DESIGNATES NIGHT LIGHT- 24/7 OPERATION ON SWITCH-RATED BREAKER. (NOT USED ON ALL JOBS.)
	I I I I I I I I I I I I I I I I I I I
	\mathbb{Q}_{+}
VICE-BANK LOCATION MUST BE COORDINATE IN FELD. SOUTH BANK DETAIL () SOUTH BANK DETAIL	
VICE-BANK LOCATION MUST BE COORDINATE IN FELD. SOUTH BANK DETAIL () SOUTH BANK DETAIL	
	SCALE: NOT TO SCALE
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$\frac{3}{10}$	P2-60
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c} \hline \\ \hline $
NEIGHBORING TENANT	
NEIGHBORING TENANT	
$(01) \frac{\text{LIGHTING PLAN}}{\text{SCALE: } 1/4"=1'=0"}$	

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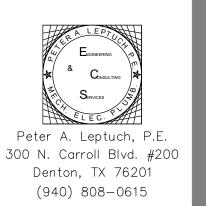




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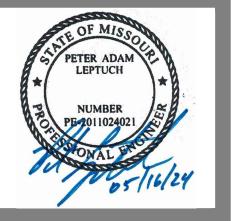
1 SWITCH BANK CONSISTING OF SWITCHES UNDER COMMON FACEPLATES FOR CONTROL OF LIGHTING, MOUNTED AT A MAXIMUM OF 48" AFF. LABEL EACH SWITCH PER AREA SERVED WITH STATUS INDICATOR, PER ENERGY CODE. REFER TO DETAIL 02, THIS SHEET, AND ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION. COORDINATE FINAL LOCATION IN FIELD. 2 EXIT LIGHT SHALL BE CIRCUITED TO UNSWITCHED LEG OF LOCAL LIGHT CIRCUIT. PROVIDE CHEVRONS AS NEEDED. BASE BID SHALL ASSUME EXISTING IS PRESENT AT EXISTING EXTERIOR DOORS AND SUITABLE FOR REUSE. PROVIDE NEW AS NEEDED. 3 EMERGENCY EGRESS LIGHT SHALL BE CIRCUITED TO UNSWITCHED LEG OF LOCAL LIGHT CIRCUIT. $\langle 4 \rangle$ INTERLOCK EXHAUST FAN WITH LIGHT SWITCH. 5 J-BOXES ABOVE THE DROP CEILINGS OF THE HALLWAY-ADJACENT ROOMS FOR THE LED LIGHT STRIPS ON BOTH SIDES OF THE HALLWAY. LOCATION SHOWN IS DIAGRAMMATIC FOR CLARITY. PLACE ONE AT 16' DOWN THE HALLWAY (BOTH SIDES), AND ANOTHER AT 33' DOWN THE HALLWAY WHERE HALLWAY IS GREATER THAN 32' LONG AT THE END (BOTH SIDES). COORDINATE EXACT QUANTITY AND LOCATION OF J-BOXES WITH OWNER IN FIELD. 6 INSTALL RECESSED OUTLET AT +60" AFF FOR MIRROR POWER. SWITCH AS SHOWN. $\langle 7 \rangle$ INSTALL RECESSED OUTLET AT +36" AFF FOR MIRROR POWER, BEHIND THE MIRROR WITHIN THE BLOCKING. SWITCH AS SHOWN. 8 INSTALL A RECESSED OUTLET AT 54" AFF FOR THE RESTROOM MIRROR, OPERATED BY THE SAME SWITCH AS THE OVERHEAD LIGHT.

- 9 DASHED LINE INDICATES DAY LIGHTING ZONE PER ENERGY CODE. PROVIDE CEILING-MOUNTED DAYLIGHT SENSOR, WHERE REQUIRED BY A.H.J., TO CONTROL LIGHTS WITHIN DAYLIGHT ZONE. PROVIDE LOW VOLTAGE CONTROL WIRE AND LINE VOLTAGE POWER WIRE AS-NEEDED.
- 10 PROVIDE DAYLIGHT SENSOR PER SENSOR AND DEVICE SCHEDULE, THIS SHEET.
- $\langle 11 \rangle$ common area light shall be switched through TIME CLOCK (OVERRIDE), PER SHEET E3.0. LOCATE TIME CLOCK ADJACENT TO ELECTRICAL PANELS. PROVIDE CONTACTOR AS NEEDED, MINIMUM 4 POLES.
- (12) CONTRACTOR SHALL FIELD VERIFY THE EXISTENCE OF EXTERIOR EMERGENCY EGRESS LIGHTING. IF FOUND TO EXIST DO NOT PROVIDE NEW FIXTURES. BASE BID SHALL ASSUME EXISTING DOORS HAVE COMPLIANT LIGHTS.
- (13) PROVIDE A J-BOX FOR THE ILLUMINATED BEEM SIGN ABOVE THE CEILING OF THE ROOM BEHIND THE MIRROR. PROVIDE ACCESS PANEL IN HARD-LID CEILING AS NEEDED. COORDINATE WITH ARCHITECT.



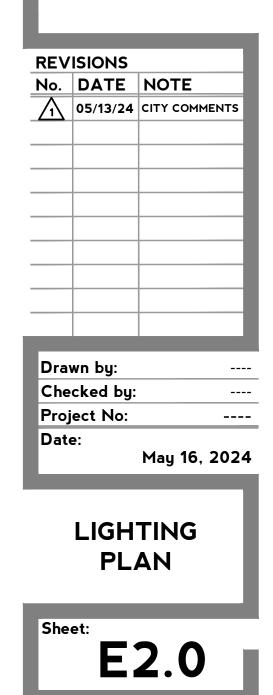


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VERIFY SIGN LOCATION AND QUANTITY WITH SEPARATELY PERMITTED SIGN PACKAGE.

SIGNAGE SHALL COMPLY WITH PERMITTED SIGN PACKAGE. ADJUST WHAT IS SHOWN HERE (QUANTITY AND LOCATION) TO MATCH SIGNAGE SET, TYPICAL UNDER A SEPARATE PERMIT.

HOMERUNS AND SHALL BE AS F		OR 20 AMP CIRCUITS
<u>LENGTH</u>	CIRCUIT WIRE SIZE	HOMERUN WIRE SIZE
1FT TO 50FT 51FT TO 75FT 76FT TO 120FT 121FT TO 190FT 191FT TO 300FT	NO.12 AWG NO.12 AWG NO.10 AWG NO.10 AWG NO.10 AWG	NO.12 AWG NO.10 AWG NO.8 AWG NO.6 AWG NO.4 AWG

	BRANCH CIRC	CUIT WIRING SCH	HEDULE						
OCPD AMPS	1P-2W+G,2P-2W+G	2P-3W+G & 3P-3W+G	3P-4W+G						
15	2#12, 1#12G, 3/4"C	3#12, 1#12G, 3/4"C	4#12, 1#12G, 3/4"C						
20	2#12, 1#12G, 3/4"C	3#12, 1#12G, 3/4"C	4#12, 1#12G, 3/4"C						
25	2#10, 1#10G, 3/4"C	3#10, 1#10G, 3/4"C	4#10, 1#10G, 3/4"C						
30	2#10, 1#10G, 3/4"C	3#10, 1#10G, 3/4"C	4#10, 1#10G, 3/4"C						
35	2#8, 1#10G, 3/4"C	3#8, 1#10G, 3/4"C	4#8, 1#10G, 3/4"C						
40	2#8, 1#10G, 3/4"C	3#8, 1#10G, 3/4"C	4#8, 1#10G, 3/4"C						
45	2#6, 1#10G, 3/4"C	3#6, 1#10G, 3/4"C	4#6, 1#10G, 1"C						
50	2#6, 1#10G, 3/4"C	3#6, 1#10G, 3/4"C	4#6, 1#10G, 1"C						
60	2#4, 1#10G, 3/4"C	3#4, 1#10G, 1"C	4#4, 1#10G, 1 1/4"C						
70	2#4, 1#8G, 3/4"C	3#4, 1#8G, 1"C	4#4, 1#8G, 1 1/4"C						
80	2#3, 1#8G, 1"C	3#3, 1#8G, 1"C	4#3, 1#8G, 1 1/4"C						
90	2#2, 1#8G, 1"C	3#2, 1#8G, 1 1/4"C	4#2, 1#8G, 1 1/4"C						
100	2#1, 1#8G, 1 1/4"C	3#1, 1#8G, 1 1/4"C	4#1, 1#8G, 1 1/2"C						
FOR	NOTE: 1. CONTRACTOR TO INCREASE WIRE SIZING FOR LONG RUNS OF WIRING FOR VOLTAGE DROP ALLOWANCE. VOLTAGE DROP SHALL NOT EXCEED 3 PERCENT.								

IN FIELD.

- WITH LOCKING FLUSH MOUNT COVERS.

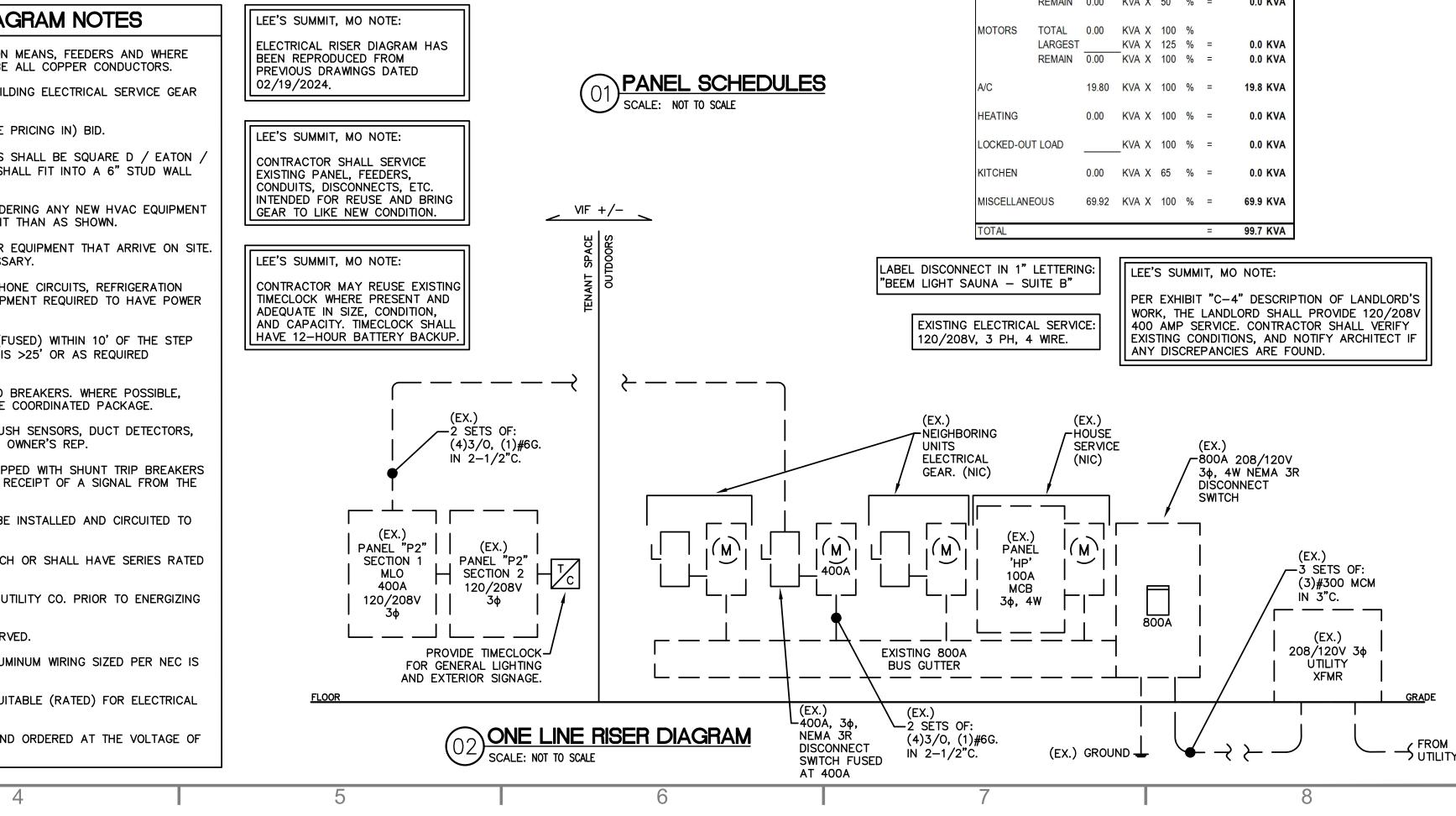
- PROVIDE LOCK-ON BREAKERS FOR ALL NL/EM AND SECURITY/PHONE CIRCUITS, REFRIGERATION 24/7 WITHOUT INTERRUPTION.
- ELSEWHERE BY THE TAP RULE.

- HOOD CONTROLLER, OR EQUAL.
- AN OPEN 20A/1P CIRCUIT.
- BREAKER FROM SAME MANUFACTURER AS MAIN PANEL.
- SERVICE.
- ACCEPTABLE.
- USE.
- THE EQUIPMENT SERVED.

	MAIN	400A MLO					BO				208/1			SE: 3	WIR	E: 4		MOUNTING: SURFACE AIC:	65K	<u> </u>
CKT 1	TRIP				LO	AD (K	VA)			PHASE				AD (K)		L. I			TRIP	СК
#	POLE	DESCRIPTION	LTG	REC			HTG	KIT	MISC	ABC	LTG	REC				KIT	MISC	DESCRIPTION	POLE	#
1	20/1	(EX.) HVAC REC.		0.4										3.5				(EX.) RTU-4	40/3	2
3	50/3	W.H. (9KW ELEC TANK)							2.3					3.5				-	-	4
5	-	-							4.5					3.5				-	-	6
7	-	-							2.3					3.1				(EX.) RTU-6	35/3	8
9	15/2	SAUNA (1) (ADA-SOCIAL)							1.7					3.1				-	-	1
11	-	-							1.7					3.1				-	-	1
13		SAUNA (2)							1.5								1.5	SAUNA (5)	15/2	1
15	-	-							1.5								1.5	-	-	1
17		SAUNA (3)							1.5								1.5	SAUNA (6)	15/2	1
19	-	-							1.5								1.5	-	-	2
21	15/2	SAUNA (4)							1.5									FUTURE SAUNA	15/2	2
23	-	-							1.5								1.5	-	-	2
25	15/2	FUTURE SAUNA							1.5								1.7	SAUNA (7) (SOCIAL)	15/2	2
27	-	-							1.5								1.7	-	-	2
29		RED LIGHT THERAPY							1.8	L ,								RED LIGHT THERAPY	20/1	3
31		FUTURE RED LIGHT THERAPY							1.8									CLOTHES DRYER (ELEC)	30/2	3
33	30/2	CLOTHES DRYER (ELEC)							2.5								2.5	(GFCI)	-	3
35	-	(GFCI)							2.5								2.5	CLOTHES DRYER (ELEC)	30/2	
37	30/2	CLOTHES DRYER (ELEC)							2.5								2.5	(GFCI)	-	
39	-	(GFCI)							2.5								1.8	CLOTHES WASHER (GFCI)	20/1	4
41	20/1	RECIRC. PUMP/UTILITY REC.		0.5													1.8	CLOTHES WASHER (GFCI)	20/1	4
		SECTION	2							III							S	ECTION 2		
43	20/1	TELECOM BOARD / NVR		0.4													0.2	TIMECLOCK	20/1	4
45	20/1	DRINKING FOUNTAIN							0.5	П'1							0.5	SPEAKERS	20/1	4
47	20/1	RESTROOM REC.		0.4						I Ti		0.5						HALLWAY REC.	20/1	4
49	20/1	CONV. REC (SAUNA ROOM)		0.7						ΪIT		0.9						CONV. REC (SAUNA ROOM)	20/1	5
51		U/C FRIDGE (RECEPTION)							1.0	11							1.0	U/C FRIDGE (RECEPTION)	20/1	5
53		BACKWRAP REC.		0.2						I Ti		0.7						RECEPTION DESK REC.	20/1	1
55		RECEPTION CONV. REC.		0.4								0.5						SHOW WINDOW REC.	20/1	Ę
57	20/1	LUUMI		0.5						m'i I	1.2							STORE FRONT SIGN	20/1	5
59		LED SIGN / HALLWAY TAPE LTG	13	0.0													0.7	MIRROR (SAUNA RM)	20/1	6
61		LIGHTING / EF-1,2,3	0.5							b I T								MIRROR (SAUNA RM)	20/1	6
63		F.A.C.P. (AS NEEDED)	0.0						0.2								0.0	SPACE	20/1	6
65	20/1	SPACE							0.2									SPACE		6
67		SPACE																SPACE		6
69		SPACE																SPACE		
71		SPACE																SPACE		
73		SPACE																SPACE	+	
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75		SPACE																SPACE		
79		SPACE																SPACE		{
79 81		SPACE																SPACE		8
83		SPACE																SPACE		2
	(1/1/1)		10	24	0.0	0.0	0.0	0.0	20.0		4.0	07	0.0	10.0	0.0	0.0	20.7			1.3
GHTING		3.1	1.9	3.4	0.0	0.0	0.0	0.0	39.2		1.2	2.7	0.0	<mark>19.8</mark>	0.0	0.0	30.7	CONNECTED LOAD (KVA):		98.9
	CLES (K	-								0.0								DEMAND LOAD (KVA):		98.9
DTORS (. ,	0.0							ASE A	32	26								11	
C (KVA):		19.8							ASE B	34	28							CONNECTED LOAD (AMPS):		274.
ATING	· ·	0.0						PH/	SE C	33		3.0						DEMAND LOAD (AMPS):	2	274.
CHEN	. ,	0.0								KVA	AN	IPS								
SCELLA	NEOUS	(KVA): 69.9																AMPACITY REQUIRED:	2	276.7

*BALANCE ALL PANELS TO WITHIN 10%

PANEL DIRECTORIES TO BE TYPE LABELED. *ALL CLOTHES WASHER AND DRYER BREAKERS SHALL BE GFCI-TYPE.



ELECTRICAL ONE-LINE RISER DIAGRAM NOTES

INSPECT AND REUSE DISCONNECT AND OVERCURRENT PROTECTION MEANS, FEEDERS AND WHERE POSSIBLE ELECTRICAL PANELS. BRANCH CIRCUIT WIRING SHALL BE ALL COPPER CONDUCTORS.

PROVIDE FEEDER FOR TENANT SERVICE. VERIFY LOCATION OF BUILDING ELECTRICAL SERVICE GEAR

. E.C. SHALL VERIFY LENGTH OF FEEDERS PRIOR TO (AND INCLUDE PRICING IN) BID.

ALL PANELS AND SUB-PANELS SHALL HAVE LOCKS. ALL PANELS SHALL BE SQUARE D / EATON / CUTLER-HAMMER & SUB-PANELS AND PANELS 600A OR LESS SHALL FIT INTO A 6" STUD WALL

G.C. SHALL CONFIRM VOLTAGE AVAILABLE ON SITE PRIOR TO ORDERING ANY NEW HVAC EQUIPMENT OR ELECTRICAL GEAR. NOTIFY ENGINEER IF VOLTAGE IS DIFFERENT THAN AS SHOWN.

. HVAC BREAKER SIZES SHALL BE CONFIRMED WITH UNITS AND/OR EQUIPMENT THAT ARRIVE ON SITE. BREAKER SIZES AND WIRE SIZES SHALL BE ADJUSTED AS NECESSARY.

EQUIPMENT, DUCT DETECTORS, AND TIME CLOCK OR OTHER EQUIPMENT REQUIRED TO HAVE POWER

. ON 480V JOBS, AS NEEDED, PROVIDE SECONDARY DISCONNECT (FUSED) WITHIN 10' OF THE STEP DOWN TRANSFORMER WHERE SECONDARY CONDUCTOR DISTANCE IS >25' OR AS REQUIRED

9. ELECTRICAL PANELS SHALL BE SERIES RATED WITH COORDINATED BREAKERS. WHERE POSSIBLE, ORDER ALL PANELS FROM ONE MANUFACTURER FOR A COMPLETE COORDINATED PACKAGE. 10. PROVIDE ANCILLARY POWER AS NEEDED FOR ITEMS SUCH AS FLUSH SENSORS, DUCT DETECTORS, CAMERA/MUSIC SYSTEMS, ETC. COORDINATE REQUIREMENTS WITH OWNER'S REP.

11. ALL ELECTRICAL CIRCUITS UNDER TYPE 1 HOODS SHALL BE EQUIPPED WITH SHUNT TRIP BREAKERS FOR AUTOMATIC SHUTDOWN OF COOKING ENERGY SOURCE UPON RECEIPT OF A SIGNAL FROM THE

12. AREA SMOKE DETECTORS AND DUCT SMOKE DETECTORS SHALL BE INSTALLED AND CIRCUITED TO

13. VERIFY FAULT DUTY (SCCR) OF EX. PANEL, SUB-PANEL TO MATCH OR SHALL HAVE SERIES RATED

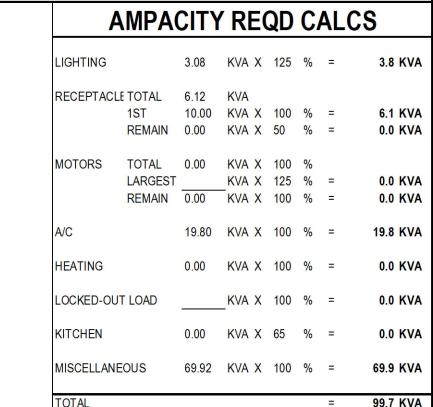
14. ELECTRICAL CONTRACTOR SHALL VERIFY AVAILABLE FAULT WITH UTILITY CO. PRIOR TO ENERGIZING

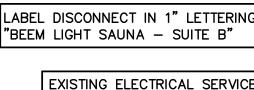
15. DISCONNECTS SHALL BE RATED FOR VOLTAGE OF EQUIPMENT SERVED. 16. ALL WIRING IS COPPER, SIZED FOR 75° C THWN. EQUIVALENT ALUMINUM WIRING SIZED PER NEC IS

17. FEEDER CONDUIT SHALL BE RIGID METALLIC CONDUIT, OR PVC SUITABLE (RATED) FOR ELECTRICAL

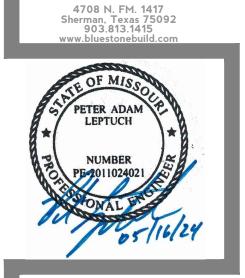
18. DISCONNECTS SHALL BE PROVIDED WHERE REQUIRED BY CODE AND ORDERED AT THE VOLTAGE OF

7	
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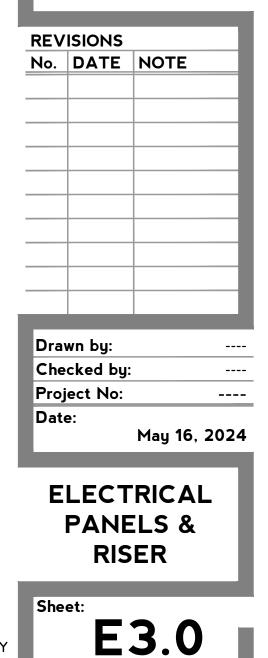




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		MANUFAC	TURER/	NOMINAL	CFM	0/A	E.S.P.	EER2		COOLING CA	Р. (МВН)	GAS HEAT	ELECTRICAL	UNIT	UNIT	UNIT	MFG DATE
	MARK	MODEL		TONS			(IN. W.C.)	SEER2	ΤΟΤΑΙ	L SENSIBLE	DRY BULB/ WET BULB •F	INPUT (MBH)	(VOLTS/PH/H	Z) MCA	MOCP	WEIGHT (LBS)	(EX. UNITS
	RTU-4 (EX.)	TRANE/ YSC060		5.0	2,000	175	0.8"	11.0	60.0	45.0	80/67	80.0	208/3/60	29.0	40.0	~800	2024
A	RTU-6 (EX.)	TRANE/ YSC048		4.0	1,600	125	0.8"	11.0	48.0	36.0	80/67	80.0	208/3/60	26.0	35.0	~800	2024
_	2. COOL 3. PROV 4. PROV 5. VERIF 6. UNIT 7. PROV 8. WEIG 9. ORDE 10. MCA 11. LAND 12. PROV	ING CAPA IDE PROG IDE UNWII PROVIDED IDE FACTO HTS INCLU R WITH A BASED OI LORD TO IDE WITH	CITY IS RAMMABI RED CON E AVAILA WITH D DRY ELEO JDE ACCI JDE ACCI	BASED ON LE ROOM IVENIENCE ABLE ON DUAL COM CTROFIN C ESSORIES. RIES INCLI M STATIC SERVICE A D EXHAUS	N 80°F E THERMO OUTLET SITE PRI PRESSOF DR EQUA JDING: (FAN. ND WARF ST AND	DB AN STAT, H (ELEC OR TO RS/2-S L ANTH CURB, H CURB, H RANTY H HOT GA	D 67°F E HONEYWEI TRICIAN S ORDERIN TAGE CO -CORROS ECONOMIZ FOR ONE AS REHEA	WB COND LL VISION SHALL FIE G NEW U OLING. SION COAT ZER, HAIL (1) YEAR. T (DEHUN	ITIONS. PRO (LD WIF NITS. (ING OF GUARE	8000 WIFI, C RE TO 208V OBTAIN STRU N OUTDOOR D, 2–POSITIC ATION.)	OR EQUAL. PANEL) AND CTURAL APPRO COILS. IN DAMPER, D	14" ROOF CURI DVAL PRIOR TO UAL ENTHALPY CHANGE BELTS	PLACING UNIT	CT SMOKE			
]	<u> </u>			
			i	SCH	1			NECK SI		MARKS							
В				"			GRILLE	SEE PLA	AL	UMINUM, BOF		IN LAY IN CEIL	ING	MARK M			
											VOLUME DAMP	ER IN NECK.			GREENH		P-A90 P-A90
		B TIT	rus i	TDC-AA	12x12 S	SUPPLY	GRILLE	SEE PLA		ILING WITH M	IANUAL VOLUN	IE DAMPER IN	NECK.		GREENH		P-A90
		с тіт	rus	TDC-AA	15x15 S	SUPPLY	GRILLE	SEE PLA				IN GYP. BOARD IE DAMPER IN		NOTES:		D BE INT	
		רוד ס	rus	350FL	24x12 F	RETURN	GRILLE	22X10	AL	UMINUM LOU	VERED FACE,	SIDEWALL BORD	DER TYPE.	OCCUPA	NT IS S		
		E TI	rus	350FL	24x24	RETURN	I GRILLE	22X22		UMINUM LOU ARD CEILING		BORDER TYPE	1 IN GYP.	MANDAT	DRY TES	T AND B	ALANCE
		F TIT	rus	PAR	24x24	RETURN	I GRILLE	22X22	AL BO	UMINUM EGG PRDER TYPE	CRATE, HING 3 IN LAY-IN.	ED, FILTER FRA CLG. PROVIDE		3RD PAR UPON CO INCLUDE	MPLETIC	N OF H	VAC WC
	NOTE:	RILLES IN G	SYP BOAR		SHALL B	E ORDE	RED WITH			ROW AWAY F				TO G.C. UNTIL CO BUILDING	MPLETE	REPORT	IS PR
С	2. PROVID 3. NOT A	DE RECTAN	GULAR TO S USED O	D ROUND A	DAPTERS	WHERE	VER NECE	SSARY.				ND RETURN REGI	STERS	LANDLOR			
		ORM APPE												HVAC DUC CONFIGUR SYSTEMS)	ATIONS	(ON FAN	POWE
		BALAN		SCHE	DULE							DEVICE		DEPENDIŃ SPRINKLE	G ON FI R PIPINC	ELD CON G, ETC. I	IDITIONS
				RN OUTSI			PRESSUF	RE	ARE SERV			K CHAR		MECHANIC TO BEST			
	RTU-4	2,000) 1,82	5 175	, .		+175	L	EASE S	SPACE		TO 180 CFM		BEEM LIG	HT SAU	NA PROT	O NOT
Γ	RTU-6	1,600	1,47	5 125			+125			SPACE		85 TO 350 CFN 55 TO 550 CFN		THIS IS A	GRAMMA ⁻	TIC. ADJU	JST AS
	EF-1 EF-2					70 70	-70 -70		RESTR RESTR			55 TO 850 CFI		STRUCTU RUNOUTS AND/OR	s Throu Provide	GH WEBB E ALLOWA	BING AS
	EF-3					70	-70	_	SHOW			360 TO 1750 C		FIELD CC	NDITION	S.	
	DRYERS	;			ε	80	-880		DRY	ER		OVE SIZES UNLI SIZE IS INDICA					
D	DRYER MAKE UF			880) -		+880	DRYE	R MAK	E-UP AIR						10 " ø	EXHAU
	TOTAL	3,600	3,30	0 1,18	0 1,	090	+90			-						UP -	THROUC
								_									
		'ER VE		CALC		ION		_									
Η	20'-0' 0	n	VE 45	RTICAL LENG	TH BOWS (2.5									4			
	0	99		DEGREE EL	. ,			_									
	SAM	IPLE [ORYE	RPLA		ND											2)(
	СНЕСК Т	HE MANU		VARNING R'S INSTA	LLATION	INSTRU	JCTIONS							RS –		2	
E	LOCATION	I. THE INS	STALLATIC	R THAT WI ON INSTRU TO AN E	JCTION N	IUST A	LLOW THE							OUTDOORS		F	\mathbb{N}
	THAT IS.	FEI	ET.				• •	_						ō			X
	INSULATE	ED DUCTIN	IG UPSTI	REAM OF	DRYER I												
	KVPN711A1	COR/FOUA		DRYER EX	⊀B∕Z.∕T⊌	₣₽₣ <i>⋌</i> ₅ь	YAY AF	7									
\square	NØ DUCT DISCHAR	C/SEAMS/1 QE/POINT	BÉTWEÉN (DRYER)	RØOF XE	NÉNTILA NT/CAP/	WALL	Ø// PORJ)./							Y			X
				R CAPACIT													
	186'-	TOTAL INS	TALLED	SYSTEM C	APACITY	PROVU	бЕР.//										
																/	

				4					5						6	6			
				C	ONTF	RACTC	R NOT	ES:				KEY NO	TES I	BY SI	MBOI	` {#}`			
MF DAT (EX UNIT	E N	OTES		NO DIS	TIFY TH	HE ARCHITE	BILITY OF TH CT, LANDLO DUNTERED C S PRIOR TO	RD OR TEN	ANT OF ANNS OR IN	۱Y		BASED C ADJUST	ON SHELL DUCT WO	DRAWIN DRK AS N		02/19/2	2024. FIEL	D VERIFY	Y AN
	24 1,2,3, 24 1,2,3,			BIC BIC	RK. DERS EMSELV	ARE TO VIS ÆS WITH E	NT THE SITE XISTING CON	AND FAMIL	LIARIZE D SATISFY			PORT/CA 10'-0" A	ERMINATE AP/GOOSI	ENECK WOM ALL E	DRYER DU ANUFACTL ITH BACK BUILDING	JRER'S CO DRAFT D	OMMERCIAL	L GRADE MAINTAIN	DRY N
				TH SY LO	e base Stems Cal CC	BID SHAL AND DEVIC DES WHET	THE NATUR L REFLECT I ES AS REQU HER INDICAT ITS. THE SU	MODIFICATION JIRED BY S ED OR NOT	NS TO TATE AND ON			$\langle 3 \rangle$ CEILING		EXHAUS		OUTE 6ø	"EXHAUS	F DUCT T	70
				BE CO HA	EVIDEI MPLIAN S BEEN	NCE THAT : CE WITH G N MADE, LA	SUCH AN EX OVERNING C TER CLAIMS	(AMINATION ODES / RE(FOR LABOI	AND QUIREMENT R, EQUIPMI	s				OR WHER	N RETURN E PRESEN				
IOTE	ANNUNCI	ATORS, I	ETC.	EN EN	COUNTE EXAMI	ERED WHICH	H COULD HA	VE BEEN FO	ORESEEN,			(6) 16X16 C	GRILLE IN	I HALL V DRYER M	VAY. AKE-UP	AIR DUCT,	FROM RO	DOF MOUI	NTEC
LEV	/ELS, ETC	×.										FILTER F $\langle 7 \rangle$ PROVIDE	RAME CE	ILING GR	OUTED OV ILLE AND PER ON D	MOTORIZE RYER MAI	ED DAMPE KEUP AIR	R, AS SH	HOW
S C		AIRFLOW	EXT. S	PV. F	PH, HZ	MOTOR SIZE (HP)	SERVICE	APPROX.	INSTALL	NOTES		OPEN AN	NY TIME (CONTAC	(2) OR M	S. DAMPE IORE DRYI INTROLLEF	ERS ARE	IN OPERA	TION. PR	OVID
	DIRECT	(CFM) 70 70	(IN W.C 0.20" 0.20"	115	•	11 WATTS	RESTROOM	WEIGHT 13 LBS 13 LBS	CEILING	1,2			ER INTO H	IALL.					
	DIRECT	70	0.20"		•		RESTROOM	13 LBS	CEILING			CHANGEO	00 WITH I OVER AND	REMOTE RELATE	SENSOR (D WIRING SOR AT 9	WHERE N	ÉCESSARY ROL EACH), AND A I UNIT. M	UTO
	CKED WITH		ANCY S	ENSOR.	PROV	DE WITH 1	5-MINUTE TI	ME OUT AF	TER LAST		8	UTILITY / SENSOR	AREA. RE RA100Z/	MOTE AN RA100ZA	INCIATOR	OR SHALL IDIBLE AN	BE EQUA D VISUAL	L TO SY	STEN
)ED [·]	CE REPOR TO OWNER VORK. REF	R AND A	RCHITEC	т	ME	CHAN	ICAL S	YMBOL	. LEGE			PROVIDE REQUIRE LOCAL IN	SECOND	ARY ANN CAL JURI ₹.	R ACCORE	R IN DININ VERIFY R	G AREA N REQUIREME	WHERE INTS WITH	4
CON IS P	AIR QUA ITRACTOR ROVIDED, ACHIEVED.	MAY BE	e withhi Oper	ELD	S`	MBOL D D		ON AT @ 48" NTED SMO		TOR	<[]		ESET ACC			BEING MOI	NITORED.		
	MIXING BO					6	REMOTE RESENSOR A	OOM TEMPI T 96" AFF	ERATURE										
DITIOI IS I WILL	URATIONS, NS, JOIST EXPECTED MAKE MII	S, BEAM THAT T	S, HE				VOLUME D	DAMPER		UATOR									
					F	B RTU IP	BAROMETR ROOF TOP HEAT PUM	UNIT	AMPER										
ST A PRIN	e Buildin S Needei Kler Pip	D TO AV ING ETC.	OID ROUTE		E	F	EXHAUST	FAN											
	AS NEEDE IN BID TO						$\langle 1 \rangle$												
							EX. <u>RTU-6</u> 4.0 TONS 1,600 CFM	7	-		– NEI	GHBORING TEI	NANT ——					$\langle 1 \rangle$	
	UST DUC JGH ROOF				- <u>EF-1</u> -70 CFM	/	/ <u>EF−2</u> −70 CFM		/ <u>EF-3</u> -70 CFM		INTAI	OF GRAVITY KE HOOD ON						EX. <u>RTU-4</u> 5.0 TON 2,000 C	IS XFM -
		/ 10"ø			> O		3) 6 ^{**} Ø			F = = = = = = = = = = = = = = = = = = =								8Ӣ	ð
				J	16/10	<u> </u>					A 275			A 150			A 150		
2	(2)	B 50							16/	18 18					0/18				
		0 (2)		1 1,6					8	α			<u> </u>	8		(B)		
<u> </u>					∠ <u>D</u>				8	8	8					8		8	}

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A 275

01 MECHANICAL PLAN SCALE: 1/4"=1'-0"

A 150

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10/18

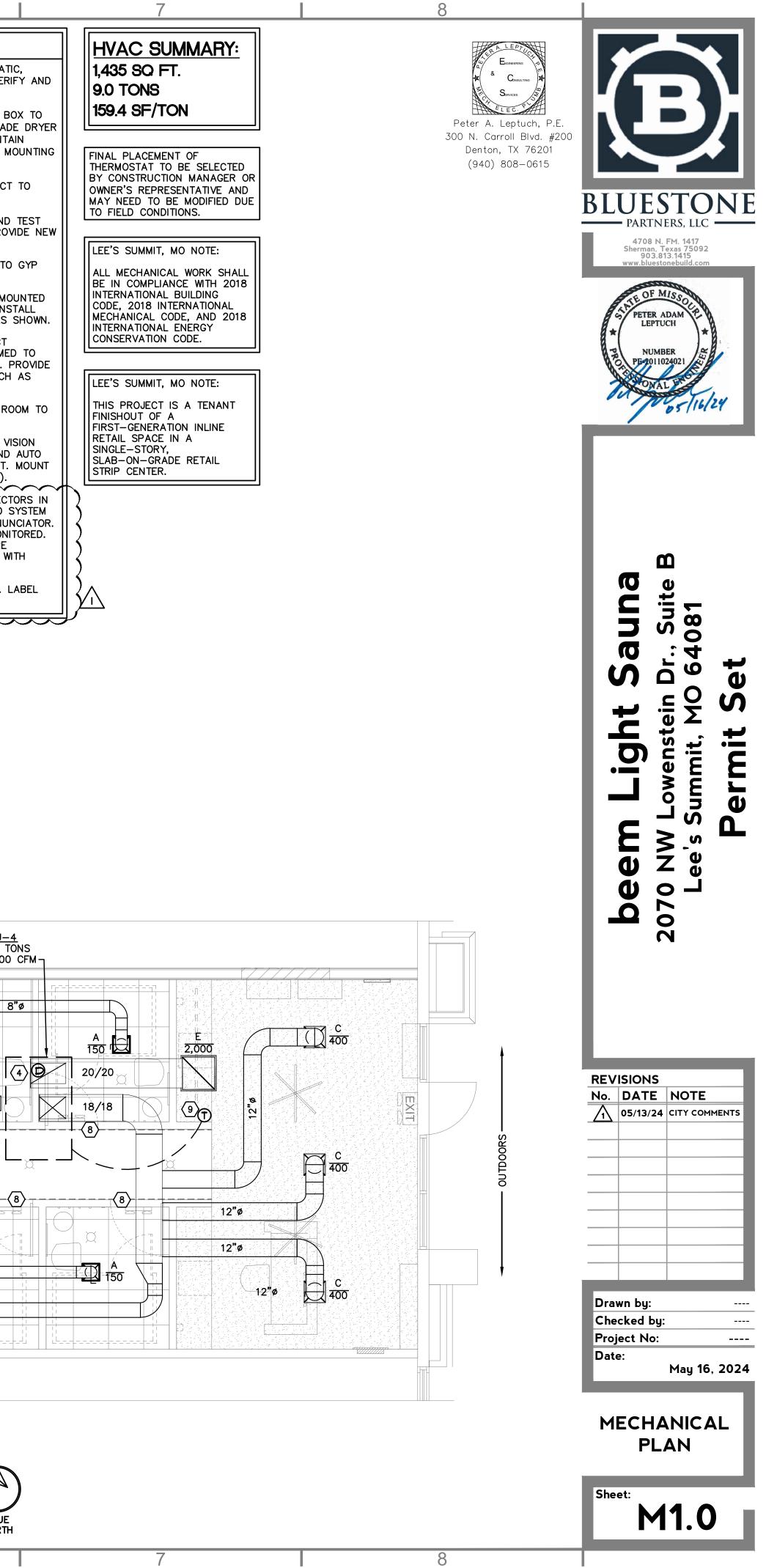
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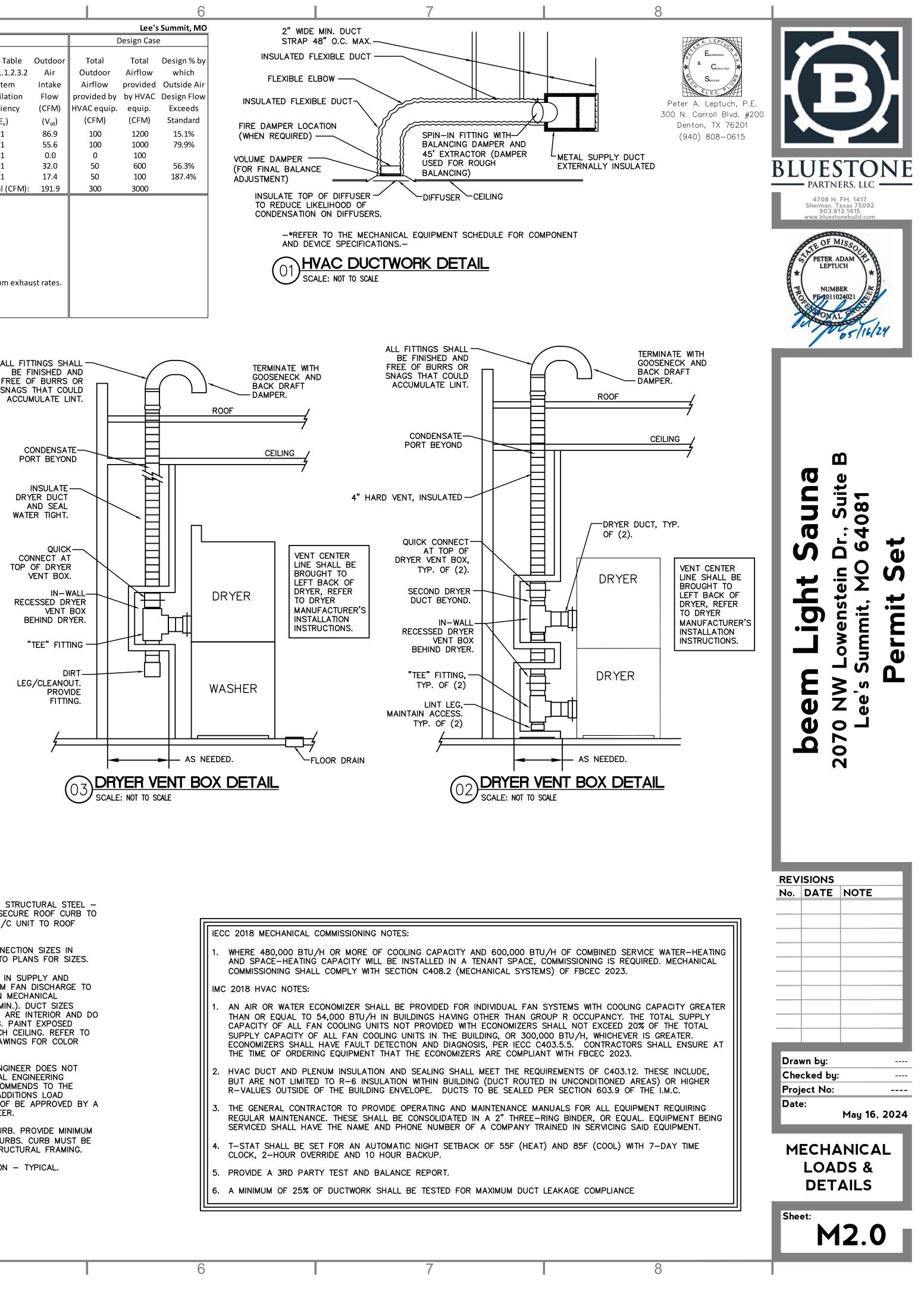
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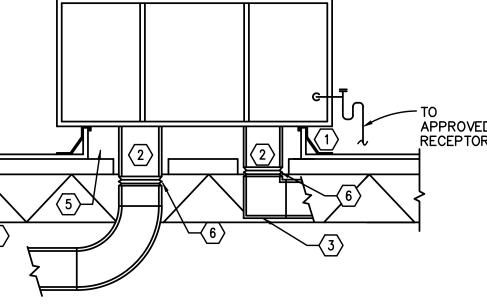
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HVAC Load Calculation - Office Space	2024-04-03	Lee's Summit, MO	beem Zone Identificatio	n	Standard Case: IMC	2024-04-03 - 2018 - Table 403.3 Verificat	ion Rate Procedure		Lee's Summit, N Design Case	
Heating Load Analysis: Sensible Heat Loss:	ASHRAE DESIGN: Design Temp	DB = 8 70	Zone Occupano		Expected Zone	Breathing From Table		tor: From Table Outdoor	v	-
			Category	v (sf) 403.3.1.1 403.3.1.1 (A _Z) People Area	Occupant Population Density (#persons)		Outdoor Primary Z Air Flow Air Flow V _{oz}		Outdoor Airflow which Airflow provided Outside A	
H_sensible, O.A. = 1.08 * cfm * delta T H_sensible, O.A. = 1.08 * cfm * delta T	H_sensible_OA = H_sensible_OA =	-20088 (dT = 57F) -6696 (dT = 57F)		Outdoor Air outdoor Rate Air Rate	(#/1000 sf) (P _Z)	Air Flow Distribution (CFM) Effectiveness	(CFM) Fraction (V ₂₇) (CFM)	Ventilation Flow Efficiency (CFM)	provided by by HVAC Design Flo HVAC equip. equip. Exceeds	INSUL/
H_sensible, walls = A^*u^*dT	H_sens_wall =	-2356 (dT = 57F)		(cfm/person) (cfm/sf)		(V_{bz}) (E_z)	(V _{oz}) (CFM) (V _{pz})	(E_v) (V_{ot})	(CFM) (CFM) Standard	
H_sensible, floor = A*u*dT H_sensible, roof = A*u*dT	H_sens_floor = H_sens_roof =	4305 (dT = 3F) 0 (dT = 57F)	Office	632 5 0.06	10 6	69.5 0.8		5.9 1 86.9	100 1200 15.1%	
H_sensible, window conductance = A_glass*U*dT	H_sens_glass =	-3989.7	Reception Restroom	278 5 0.06 133 0 0	20 6 0 0	44.5 0.8 0.0 0.8		5.6155.6.010.0	100 1000 79.9% 0 100	VOLUME
			Breakroor Corridor	n 160 5 0.06 232 0 0.06	20 3	25.6 0.8 13.9 0.8		2.0132.07.4117.4	50 600 56.3% 50 100 187.4%	(FOR FIN
Outside Air, ventilation = 300 (f	rom ASHRAE calculation)		Total	1435 5 0.06	15	161.5	17.4 1 1	Total (CFM): 191.9	300 3000	
Outside Air, intrusion =100 (fOutside Air =400	rom open doors on windy winter days)									ТО
	update per site		$V_{bz} = R_p * P_z + R_a * A_z$ $V_z = Total airflow provide$	d by the HVAC equipment (Outdo	r + Recirculated)					CO
	update per site		$V_{oz} = V_{bz}/E_z$		i i neeneuluteuj.					
Perimeter (unconditioned)42 <Wall Area =798	update per site		Z _p =V _{oz} /V _{pz}							
	update per site			Clothes Dryer Restroom Required Ext	aust =	880 CFM 210 CFM	as required by Table 103	3.1.1 minimum exhaust rates.		
Window height =11 <Window Area =143	update per site			Total Exhaust Required		1090 CFM	as required by Table 403.	3.1.1 minimum exhaust rates.		
	= none, 1.0 = fully shaded)		Terminolo	gy has been adopted from IMC 20	8, refer to Chapter 4 of	that code for additional term	ninology, equations, etc.			
R-value Walls = (R_net) = 21 E U-value Walls = 0.047619048 A	(.Wall /erage Wall									
R-floor = (R_net) = 1	-									
U-floor 1 R-roof = (R_net) = 38 E	(. Roof							ALL FITTINGS SI		TERI
U-roof 0 A	verage Roof							BE FINISHED FREE OF BURRS	SOR 7 7	GOO BAC
U-glass 0.45 (1 Total Heating Load:	.1/0.55) for (1-pane/2-pane) windows; Ener	rgy Star windows (0.55 max.). - 28824.7						SNAGS THAT CO ACCUMULATE		
Safety Factor (25%)		-36030.9 MBH								ROOF
Space Load - Tonnage Required		10.55695 KW								
								CONDENS/ PORT BEYC		(
HVAC Load Calculation - Office Space	2024-04-03	Lee's Summit,	, MO 24.128							
Cooling Load Analysis:	ASHRAE DESIGN:	DB = 96						INSULAT DRYER DUC		
Sensible Heat:	Basis of Design: Kansas City, MC	O WB = 75						AND SEA WATER TIGHT		
	Design Indoor Temp	72 F							¨ ` г	7
H_sensible, O.A. = 1.08 * cfm * delta T	H_sensible_OA =	7776 dT =	24					QUIC	ж <u> </u>	
H_sensible, lighting = watts * 3.413 H_sensible, people = 250 * # people	H_sens_ltg= H_sens_ppl =	4897.655 3770						CONNECT A TOP OF DRYE		
H_sensible, equipment = watts * 3.413	H_sens_epmt =	40300						VENT BO		
H_sensible, walls = A*u*dT H_sensible, floor = A*u*dT	H_sens_wall =	1520.0 (dT = 40F)						IN- RECESSED D		DRYER
H_sensible, roof = A*u*dT	H_sens_floor = H_sens_roof =	1435 (dT = 1F) 1888.1579 (dT=50F)								
H_sensible, window conductance = A_glass*U*d	= =•	1930.5								
H_sensible, window transmittance = A_glass*SH	GC*Et H_sens_solar gain =	7239.375						"TEE" FIT		
H_latent, O.A. = 0.68 * q*delta w_grains	H_latent_OA =	5263.2								
H_latent, people = 250 * # people	H_latent_ppl=	3770						LEG/CLEAN PRO	оџт.	WASHER
Lighting Lood (watta)	ah a al (T 24 / Fla Carra)							FIT		
	check/ T-24 / FlaCom) Juna - 6,000 btu/hr each, Large Sauna - 10,00	00 btu/hr each)								
	Ilate - from ASHRAE calculation)							4		[
Grains O.A. = 98 < upd	ite per site saturated air at 58F)							\square	AS	NEEDED.
	Ilate - from ASHRAE calculation)								1 1	
Roof / Floor Area =1435 (Auto PopWall Height - Average19 < upd	Ilate - from ASHRAE calculation) Ite per site								03 DRYER VENT E SCALE: NOT TO SCALE	
Perimeter (unconditioned) 42 < upda	•								JUALE. INVI IV JUALE	
Wall Area =798Window Length =13 < upda	ite per site				IDENSATE L					
Window Height = 11 < upd	•			3/4"	UP TO 20 TONS					
Window Area =143Shading Factor =0.5 (0 = none,	1.0 = fully shaded)			1 [*]	UP TO 21-40 TO	ONS CONNECTED.				
R-value Walls = (R_net) = 21 Taken from	n shell drawings			1-1/4	UP TO 91-125 T	TONS CONNECTED.				
U-value Walls = 0.047619 Average W R-floor = (R_net) = 1	อแ			2"		TONS CONNECTED.	1 SET DOO	F CURB ON STRUCTURAL S	STEFI -	
U-floor 1				*ROUTE	IU APPROVED REC	EPTOR VIA AIR GAP.	SHIM DE	AD LEVEL. SECURE ROOF C	CURB TO	[
R-roof = (R_net) = 38 Taken from U-roof 0.026316 Average Regime	n shell drawings pof			<u> </u>			METAL D CURB.	ECK AND A/C UNIT TO RO		IECC 2018 M
U-glass 0.45 Assumed								ON TO CONNECTION SIZES		1. WHERE 48
SHGC0.45 AssumedEt = incident solar radiation225 (assume p	eak daily, btu/hr p.s.f. Solar constant is 442	BTUH/hr at top of atmos 317 at s	fc.))					E, REFER TO PLANS FOR		AND SPA
Total Cooling Load:		79789.888	~~				RETURN	STIC LINING IN SUPPLY AN DUCTS FROM FAN DISCHAR		III IMC 2018 HV
Space Load - Tonnage Required Safety Factor (10%)		6.6491573 tons 87768.877					O POINT IN DRAWING	DICATED ON MECHANICAL S (10'-0" MIN.). DUCT SIZ	ES	1. AN AIR C
Safety Factor (10%) Space Load - Recommended Tonnage		87768.877 7.3140731 tons		Ц <u>г</u>			PPROVED INDICATE	O ON PLAN ARE INTERIOR UDE LINING. PAINT EXPOSE	AND DO	THAN OR
Tonnago Provided		0.0 tons /Fait the -					DUCTWOR	TO MATCH CEILING. REF	ER TO	SUPPLY (
Tonnage Provided		9.0 tons (Existing)				6	SCHEME.			ECONOMIZ
								HANICAL ENGINEER DOES N STRUCTURAL ENGINEERING		2. HVAC DUC
						$\overline{3}$	SERVICES	, AND RECOMMENDS TO THE HAT ANY ADDITIONS LOAD	HE	BUT ARE
				2			PLACED	NAT ANY ADDITIONS LOAD ON THE ROOF BE APPROVI RAL ENGINEER.		III 3. THE GENE
										REGULAR SERVICED
							OF 14" H	D ROOF CURB. PROVIDE M IIGH RTU CURBS. CURB MU	JST BE	4. T-STAT S
								INT THE STRATE STRATE STRATE		
								ON THE STRUCTURAL FRAM	AING.	CLOCK, 2
							6. FLEXIBLE	CONNECTION - TYPICAL.	AING.	CLOCK, 2
						DETAIL (TYPIC	6. FLEXIBLE		AING.	





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	PROTOTYPICAL "NO SURPRISE" MEP BID NOTE: EACH SET OF DRAWINGS IS INDIVIDUALLY ASSEMBLED AND	16210 EXISTING CONDITION 1.1 VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS IN AND AROUND THE BUILDINGS	ALL WORK SHALL CONFORM TO THE LANDLORD'S CRITERIA, THE STATE, COUNTY, CITY CODES AND ORDINANCES, SAFETY AND	STATION/ALARM AT A RE INTERFACE AS REQUIRED.
	AN ATTEMPT IS MADE TO INCLUDE LEASE SCOPE IN THE DRAWING SET. HOWEVER, THE CONTRACTOR SHALL VISIT THE SITE TO CONFIRM WHAT IS LISTED AS EXISTING BY	16220 TELEPHONE SERVICE	HEALTH CODES NFPA CODES, ENERGY CODES AND ALL OTHER APPLICABLE CODES AND REQUIREMENTS. INCORPORATE ALL REQUIREMENTS INTO THIS WORK, WHETHER SPECIFICALLY INDICATED ON PLANS OR NOT. ADVISE ARCHITECT IF REQUIREMENTS CONTRADICT THESE PLANS. IT IS INTENDED THAT THE CONTRACTOR SHALL PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.	COOLING CONTROL: UPON A CALL FOR COOLI
a. LABOR b. SUPPLIES	ANDLORD, OR SIMILAR IS ACTUALLY THERE, AND IF IT IS NOT, THE CONTRACTOR SHALL PROVIDE ITEMIZED BID TO	1.1 SAFETY SWITCHES SHALL BE HEAVY DUTY TYPE, 600 OR 250 VOLT, WITH NUMBER OF POLES REQUIRED. FUSED SAFETY	THIS CONTRACTOR SHALL OBTAIN AND PAY FOR ALL LICENSES, PERMITS, INSPECTIONS, AND FEES REQUIRED OR RELATED TO	TEMPERATURE IS SATISFIE BE ENABLED (IF APPLICA
d. SHOP DRAWINGS	COMPLETE SUCH GAP WORK TO ENSURE ALL WORK THAT WILL BE REQUIRED BY CONTRACTOR IS INCLUDED IN THE	SWITCHES SHALL BE QUICK-MAKE, QUICK-BREAK MECHANISM, VISIBLE BLADES WITH REJECTION TYPE FUSE CLIPS AND NEMA CLASS "LPJ" FUSES, THE SWITCHES SHALL BE NEMA 3R FOR OUTDOOR. ALL SWITCHES SHALL BE LOCKABLE.	THEIR WORK.	HEATING CONTROL:
f. CERTIFICATION OF FINAL INSPECTION AND APPROVAL	CONTRACTOR'S SCOPE. IF THE CONTRACTOR PROVIDES A BULK BID OR SINGLE PRICE BID, IT WILL INCLUDE	PLUMBING SPECIFICATIONS	ALL MATERIALS SHALL BE NEW AND SHALL FIT THE SPACE AVAILABLE. VERIFY ALL DIMENSIONS AT THE SITE PRIOR TO ORDERING OR FABRICATING DUCTWORK.	IS SATISFIED. IF THE SP
CONTRACTOR SHALL PERFORM THE FOLLOWING:	EVERYTHING REQUIRED TO BUILD A COMPLETE STORE, NCLUDING ANY WORK "BY OTHERS" THAT IS NOT PRESENT.	SECTION 15-A - PLUMBING	ALL VALVES, DAMPERS, ETC., SHALL BE SO LOCATED AND INSTALLED TO PERMIT ACCESS FOR SERVICE WITHOUT DAMAGE TO BUILDING OR FINISHED MATERIALS.	(IF APPLICABLE.)
a. INSTALLATION OF ALL ELECTRICAL EQUIPMENT. b. COORDINATE WITH OTHER TRADES OF ELECTRICAL EQUI	MENT INSTALLATION.	<u>15A–01 GENERAL:</u>	ALL EQUIPMENT AND WORK SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE BY LANDLORD AND TENANT.	(WHERE REQUIRED BY A. THE OUTSIDE AIR DAMPE
 MATERIAL PROTECTION DURING CONSTRUCTION. TEST OF ENTIRE SYSTEM IN PRESENCE OF OWNER OR I DISCOVERED. 	IS REPRESENTATIVE AND CORRECT ANY DEFICIENCIES	ALL PLUMBING WORK SHALL CONFORM TO THE LANDLORD'S CRITERIA, THE STATE, COUNTY, CITY, LOCAL CODES AND ORDINANCES, SAFETY AND HEALTH CODES, NFPA CODES, ENERGY CODES AND ALL OTHER APPLICABLE CODES AND REQUIREMENTS.	LABEL ALL RTUS WITH RTU# AND TENANT'S NAME.	OUTSIDE AIR VENTILATION SENSOR SHALL MODULAT
e. COORDINATION OF ELECTRICAL SERVICE AND METERING f. COORDINATION OF TELEPHONE SERVICE WITH LOCAL TEL		INCORPORATE ALL REQUIREMENTS WITH THIS WORK, WHETHER SPECIFICALLY INDICATED ON PLANS OR NOT. ADVISE ARCHITECT IF REQUIREMENTS ARE CONTRARY TO THESE PLANS. IT IS INTENDED THAT THE CONTRACTOR SHALL PROVIDE A COMPLETE AND	15C-02 MATERIALS	AND 50% OUTSIDE AIR.
GOVERNING CODES SHALL BE THE FOLLOWING:		FUNCTIONAL SYSTEM.	REFER TO PLANS FOR SCHEDULES OF EQUIPMENT. ALL EQUIPMENT SHALL BE COMPLETE IN EVERY RESPECT WITH ALL DEVICES, APPURTENANCES, AND ACCESSORIES PROVIDED TO MEET THE DESIGN INTENT AND OPERATION OF THE SYSTEMS SHOWN ON THE	THE ECONOMIZER MODE AIR ENTHALPY IS AT OR WHENEVER THE OUTSIDE
 a. LOCAL MUNICIPALITY ELECTRICAL CODE. b. PER LATEST NATIONAL ELECTRICAL CODE (NEC) c. UTILITY COMPANY REGULATIONS 		THIS CONTRACTOR SHALL OBTAIN AND PAY FOR ALL LICENSES, PERMITS, INSPECTIONS AND FEES REQUIRED OR RELATED TO HIS WORK.	DRAWINGS AND SPECIFIED HEREIN. EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL AIR CONDITIONING EQUIPMENT MUST BE TRAPPED IN ACCORDANCE WITH MANUFACTURERS DATA.	
d. AMERICANS WITH DISABILITY ACT e. CURRENT APPLICABLE BUILDING CODES		CONTRACTOR SHALL DETERMINE THE LOCATION OF EXISTING WATER SUPPLY AND DRAIN LINES AND MAKE PROPER CONNECTION THERETO, INCLUDING VENTS.	BASE BID SHALL BE FOR RIGID METAL DUCTWORK.	FIRE PROTECTION SYSTEM
f. LOCAL BUILDING CODES AND ORDINANCESg. THE NATIONAL MANUFACTURER'S ASSOCIATION STANDAL	• •	ALL MATERIALS SHALL BE NEW AND SHALL FIT THE SPACE AVAILABLE. VERIFY ALL DIMENSIONS AT THE SITE.	FABRICATE AND INSTALL RECTANGULAR AND ROUND DUCTWORK IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS" OF THE LATEST EDITION.	Sprinkler system to e Amendments — 903.4.
h. UNDERWRITER LABORATORIES INCORPORATED STANDARD i. AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)	S)	ALL VALVES, CLEANOUTS, ETC., SHALL BE SO LOCATED AND INSTALLED TO PERMIT ACCESS FOR SERVICE WITHOUT DAMAGE TO	INSTALL TURNING VANES IN ALL RIGHT ANGLE ELBOWS OF 1200 CFM OR MORE.	FIRE SPRINKLER AND FIF SPRINKLER AND FIRE AL
j. THE MANUFACTURER'S RECOMMENDATION		BUILDING OR FINISHED MATERIAL. ALL PLUMBING EQUIPMENT AND WORK SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE BY LANDLORD AND	INSTALL RIGID ROUND AND RECTANGULAR WITH SUPPORT SYSTEMS INDICATED IN SMACNA STANDARDS.	16270 FIRE ALARM SYST
MATERIAL WILL BE: a. NEW b. UL LISTED		TENANT.	PROVIDE SWAY AND SEISMIC BRACING AS REQUIRED BY STATE AND LOCAL CODES OR BY LANDLORD.	1.1 FURNISH AND INST
RACEWAYS		UNLESS NOTED OTHERWISE, THE BASELINE DESIGN ASSUMES THAT A GRAVITY FLOW SYSTEM MAY BE ACHIEVED. NOTIFY ARCHITECT IF INVERTS ARE TOO SHALLOW AND A LIFT STATION IS REQUIRED.	ALL JOINTS AND SEAMS SHALL BE SEALED. TOTAL LEAKAGE SHALL NOT EXCEED 5% FOR THE SYSTEM.	THE FIRE ALARM S SUBMIT SIGNED ANI
USE AND TYPES		15A-02 MATERIALS	ALL DUCTWORK SHALL BE INSTALLED WITH INSIDE CLEAR DIMENSIONS AS NOTED ON DRAWINGS. UPSIZE DUCTWORK AS NEEDED WHEN INTERNAL INSULATION IS NEEDED (E.G. DOUBLE-WALL SPIRAL DUCTWORK). WHERE DUCTWORK SIZE IS LARGER THAN	FIRE ALARM SYSTE DETECTORS AS REC COMPLY WITH NFPA
 a. SERVICE ENTRANCE - RIGID STEEL b. FEEDERS - RIGID STEEL EXCEPT ABOVE 8'-0" AND INC A. DRANCH CIRCUIT. TELEPHONE OF COMMUNICATIONS - INC 		REFER TO PLANS FOR SCHEDULES OF EQUIPMENT AND FIXTURES. AMERICAN STANDARD, KOHLER AND CRANE ARE CONSIDERED ACCEPTABLE AS EQUALS. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S	CONNECTED DEVICE SMOOTH DUCT TRANSITIONS ARE TO TAKE PLACE JUST PRIOR TO DEVICE CONNECTIONS. FLEXIBLE COLLARS AT EQUIPMENT SHALL BE PROVIDED IN ALL CONNECTIONS BETWEEN VIBRATING EQUIPMENT AND DUCTS OR	1.2 <u>REMOTE ANNUNCI</u>
 c. BRANCH CIRCUIT, TELEPHONE OR COMMUNICATIONS – E d. IN EARTH OR CONCRETE – SCHEDULE 40 PVC e. RECESSED LIGHTING FIXTURES – FLEXIBLE STEEL COND 		RECOMMENDATIONS.	FLEXIBLE COLLARS AT EQUIPMENT SHALL BE PROVIDED IN ALL CONNECTIONS BETWEEN VIBRATING EQUIPMENT AND DUCTS OR CASINGS. FLEXIBLE CONNECTIONS SHALL CONSTRUCTED OF NEOPRENE—COATED FLAMEPROOF FABRIC. PROVIDE ADEQUATE JOINT FLEXIBILITY TO ALLOW FOR MOVEMENT AND PREVENT THE TRANSMISSION OF VIBRATION.	PROVIDE AN ALPH OPERATED ENABL
e. Recessed lighting fixtores – flexible steel cond f. Outdoor final connection to equipment or in we (maximum 36")		SANITARY PIPING	FLEXIBLE AIR DUCT AT AIR DEVICES SHALL BE 1" INSULATED CLASS 1 AND RATED FOR THE OPERATING PRESSURE OF THE	ROUGH-IN.
 ALL RACEWAYS, UNLESS SPECIFICALLY INDICATED TO B FLOORS. 		WHERE NOT OTHERWISE SPECIFIED THROUGHOUT THE DRAWING SET, WASTE, DRAIN AND VENT PIPING SHALL BE PER LOCAL CODE AND AUTHORITY HAVING JURISDICTION. VENT PIPING ABOVE FLOOR 2" OR SMALLER MAY BE GALVANIZED STEEL.	SYSTEM. DUCT CONSTRUCTION MATERIAL MUST ADHERE TO LOCAL CODES AND LANDLORD'S REQUIREMENTS.	1.3 <u>MANUAL STATION</u> PROVIDE ANALOG SHOWN ON THE F
CONDUCT BUSHING	ARCHITECT.	PROVIDE LINE-ITEM BID TO UTILIZE PVC, OBTAIN APPROVAL FROM INSPECTOR PRIOR TO INSTALLATION THAT PVC IS ALLOWED FOR THE SPECIFIC HVAC LAYOUT FOR THIS PROJECT.	PROVIDE MANUAL LOCKING QUADRANT VOLUME CONTROL DAMPERS WITH HANDLE OPERATORS IN EACH BRANCH DUCT AND AS SHOWN ON PLANS TO FACILITATE AIR BALANCING. ALL RECTANGULAR DAMPERS IN OUTSIDE AIR, RELIEF AIR, EXHAUST OR RETURN AIR DUCTS ARE TO BE OF OPPOSED BLADE TYPE.	1.4 <u>SYSTEM SMOKE [</u>
CONDUIT BUSHING, a. PROVIDE INSULATED CONDUIT BUSHING AT EACH END C	EVERY CONDUIT RUN.	INSULATE THE TRAP, SANITARY AND SUPPLY PIPES UNDER LAVATORY WITH 1/2" ARMSTRONG "ARMAFLEX" PIPING INSULATION OR	RETURN AIR DUCTS ARE TO BE OF OPPOSED BLADE TYPE. PROVIDE PRIMARY FIRE DAMPERS WHERE INDICATED OR REQUIRED BY CODES. FIRE DAMPERS SHALL BE UL LABELED. FIRE	PROVIDE ANALOG
WIRES AND CABLES 600 VOLTS		TRUEBRO MODEL 102W "HANDI LAV GUARD" INSULATION KIT.	DAMPERS SHALL HAVE THE BLADES OUT OF THE AIRSTREAM AND A 165°F FUSIBLE LINK, TYPE B, AS MINIMUM.	PROVIDE DUCT N ADDRESSABLE C
ASE A BLACK BROWN		CLEAN-OUTS AND FLOOR DRAINS SHALL BE INSTALLED PER LOCAL CODES. CONDENSATE PIPING SHALL BE TYPE "L" HARD DRAWN COPPER TUBE WITH 95-5 TIN-ANTIMONY SOLDERED JOINTS AND	DUCTWORK INSULATION INSTALL INSULATION PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND IN ACCORDANCE WITH	WHERE DUCT SM FLOOR, OR AN A
HASE B BLUE YELLOW HASE C RED ORANGE EUTRAL WHITE WHITE		WROUGHT COPPER FITTINGS WITH DIELECTRIC SEPARATION BETWEEN DISSIMILAR METALS. CONDENSATE PIPING BELOW ROOF DECK MAY BE PVC. PROVIDE SHARKBITE TRANSITION FROM PVC TO COPPER.	RECOGNIZED INDUSTRY PRACTICES. INSULATION MUST COMPLY WITH NFPA 90A.	PERSONNEL, THE ACCEPTABLE TO
ROUND GREEN GREEN		ANY WASTE PIPING EXPOSED IN PARKING AREAS SHALL BE PROTECTED FROM MECHANICAL DAMAGE. PROVIDE WITH FREEZE	DUCT SIZES SHOWN ON DRAWINGS ARE INSIDE CLEAR DIMENSIONS. ALL SUPPLY AND RETURN AIR RECTANGULAR DUCTWORK SHALL BE INSULATED. WHERE INTERNAL INSULATION IS USED, UPSIZE DUCTWORK AND PROVIDE 1" THICK,	FUNCTION AND T
ISULATED, THHN, THWN, XHHW 75 DEGREE C (THWN OR BETTE	· •	PROTECTION (HEAT TAPE & INSULATION) WHERE SUBJECT TO POSSIBLE FREEZING CONDITIONS.	1 1/2" LB. DENSITY LINER (C=0.28 @ 75"F.). LINER IS TO HAVE A COATED SURFACE EXPOSED TO AIRSTREAM TO PREVENT EROSION.	PROVIDE ADDRES VALVES, SUPERV
ROVIDE COPPER WIRING UNLESS ALUMINUM IS SPECIFICALLY SO TILIZED — PROVIDE COMPRESSION LUG FITTINGS.	WN ON THE DRAWINGS. WHEN ALUMINUM CONDUCTORS ARE	<u>POTABLE WATER PIPING</u> WATER PIPING IN CEILING SPACE AND WITHIN WALLS MAY BE TYPE 'L' COPPER OR PEX, ISNTALLED PER	APPLY ADHESIVES AND MECHANICAL FASTENERS AS RECOMMENDED BY SMACNA AND THE MANUFACTURER TO PREVENT LINER	1.7 <u>ADDRESSABLE CO</u>
IXTURE WIRE, 600 VOLTS, 200 DEGREE C. #14 AWG MINIMUM S ND AN OVERALL JACKET OF GLASS BRAID. AND RATED AS NE		MANUFACTURER'S INSTRUCTIONS. PROVIDE SHARK-BITE TRANSITIONS, OR APPROVED EQUALS.	SEPARATION FROM THE DUCT. ALL TRANSVERSE EDGES TO BE COATED WITH ADHESIVE. WHERE EXTERNAL INSULATION IS USED, PROVIDE WITH A MINIMUM OF 1 1/2" THICK, #1 DENSITY (R=5.6) DUCT WRAP. ALL JOINTS	PROVIDE ADDRES CONTROLS (WHEF
BOXES		BELOW GRADE: TYPE "K", ANNEALED TEMPERED COPPER TUBE FOR PIPE SIZES 2 INCHES AND SMALLER. BRAZE ALL JOINTS.	MUST BE TAPED TO THAT NO INSULATION FIBER IS VISIBLE. EXTEND DUCTWORK INSULATION WITHOUT INTERRUPTION THROUGH WALLS, FLOORS, AND SIMILAR PENETRATIONS.	1.8 <u>Alarm Signals</u> Provide 15/75-
ATTACHED SECURELY TO BUILDING CONSTRUCTION OR SUPPOR	FROM SAME	WHERE APPLICABLE, TRANSITIONS BETWEEN COPPER AND PLASTIC PIPE SHALL BE MADE BY SHARKBITE OR SIMILAR TRANSITIONS,	AIR CONDITIONING DUCTWORK SHALL BE INSULATED. EXPOSED DUCTWORK SHALL BE INTERNALLY INSULATED. RETURN AIR	15/75-WW STRO
MASONRY BOXES SHALL BE RACO OR STEEL CITY		RATED FOR USE WITH SUCH MATERIALS AS ARE BEING USED. PIPING OF DISSIMILAR METALS MUST BE DI-ELECTRICALLY SEPARATED.	DUCTWORK SHALL HAVE 10' OF INTERNAL INSULATION BEGINNING AT DROP FROM UNIT. EXHAUST DUCT MAY BE UNINSULATED. OUTSIDE AIR DUCTS SHALL BE INSULATED FOR RESTAURANT, FITNESS, OR OTHER PROJECTS GENERATING A LARGE AMOUNT OF MOISTURE.	1.9 <u>Wring</u> Wring Shall Be
EXPOSED BOXES SHALL BE CAST TYPE SIMILAR TO CROUSE H	NDS TYPE FS	INSULATE ALL HOT WATER, COLD WATER AND CONDENSATE PIPING WITH 1" THICK (K=0.23 @ 75°F) PIPE INSULATION WITH AN	MOISTORE. ALL INSULATION SHALL HAVE A FLAME SPREAD RATING OF NO MORE THAN 25 AND A SMOKE DEVELOPED RATING OF NO HIGHER	AUTHORIZED DIS
ALL OTHERS SHALL BE STAMPED STEEL		ALL-SERVICE JACKET TO MEET LOCAL CODES AND UL FLAME SPREAD AND SMOKE DEVELOPED RATINGS. OWENS-CORNING OR EQUAL.	THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM C 411, OR AS REQUIRED BY LOCAL CODES.	1.10 <u>APPLICABLE COD</u> ALL EQUIPMENT
WIRING DEVICES RECEPTACLES		INSTALL AIR CHAMBER SHOCK ABSORBERS IN BOTH HOT AND COLD LINES OF PIPING SYSTEM TO PREVENT NOISE AND DAMAGE	*WHERE APPLICABLE, GREASE DUCT SHALL BE WELDED BLACK IRON AND SHALL HAVE UL-LISTED GREASE DUCT WRAP, 2 LAYERS, INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL PER NFPA 96.	INSTALLATION IN
DUPLEX – 20 AMPS, 125V. AC GROUNDED UNO SINGLE – 20 AMPS, 125V. AC GROUNDED UNO		DUE TO WATER HAMMER. J.R. SMITH 5000 SERIES ALL STAINLESS STEEL "HYDROTROLS" OR EQUAL, INSTALLED IN AN UPRIGHT POSITION.	*DRYER DUCTS, WHEN USED, SHALL BE GALVANIZED SHEET METAL WITH 1" INSULATION.	NFPA STANDARD
COORDINATE COLOR OF DEVICE WITH ARCHITECT. COORDINATE FINISH AND COLOR OF COVER PLATE WITH ARCHI	ECT.	ALL BRANCH PIPING SYSTEMS SHALL HAVE ACCESSIBLE SERVICE VALVE. PROVIDE SHUT OFF VALVES ON THE SUPPLY PIPING TO EVERY FIXTURE. PROVIDE ACCESS DOORS WHERE NECESSARY.	TESTING. ADJUSTING AND BALANCING:	NFPA 101 (LIFE
WALL SWITCHES		INSTALL ALL NECESSARY PIPE HANGERS, SADDLES AND CARRIERS TO PROPERLY SUPPORT ALL PIPING AND FIXTURES. HANGERS	BASE BID SHALL BE FOR THE TESTING, ADJUSTING AND BALANCING OF ALL WORK TO BE MADE BY AN INDEPENDENT CONTRACTOR WHO IS A CURRENTLY LICENSED ASSOCIATED AIR BALANCING COUNCIL (AABC) OR NATIONAL ENVIRONMENTAL BALANCE BUREAU	AMERICANS WITH
SINGLE POLE – 20 AMPS, SINGLE THROW, QUIET TYPE, GROUN COORDINATE COLOR OF DEVICE WITH ARCHITECT. COORDINATE FINISH AND COLOR OF COVER PLATE WITH ARCHI		SHALL SUIT TYPE OF PIPING AND SEISMIC BRACING WHERE REQUIRED BY CODES.	(NEBB) BALANCING CONTRACTOR. ALL BALANCING WORK MUST BE COMPLETE AND DONE IN ACCORDANCE WITH THE MOST RECENT STANDARDS OF THEIR SOCIETY. PAYMENT OF ALL COSTS FOR TESTING AND BALANCING SHALL BE INCLUDED IN THE BID.	INTERNATIONAL I
TIME CLOCK		STERILIZE WATER SYSTEM IN ACCORDANCE WITH LOCAL CODES PRIOR TO BEGINNING USE. ESCUTCHEONS SHALL BE CHROME PLATED, SIZE AS REQUIRED AND PLACE AT ALL PIPE PENETRATIONS AT WALL, FLOORS AND	BALANCE AIR AND WATER QUANTITIES TO WITHIN $+/-5\%$ of that indicated on the drawings. Any	APPLICABLE
FURNISH AND INSTALL A TWENTY-FOUR (24), SEVEN (7) DAY BALANCING (PANEL) FOR CONTROLLING THE STOREFRONT SIGN		CEILINGS IN FINISHED AREAS.	REQUIRED CHANGES IN SHEAVES, BELTS, PULLEYS OR THE ADDITION OF DAMPERS REQUIRED TO ACHIEVE SPECIFIED FLOW RATES SHALL BE PERFORMED BY THE HVAC CONTRACTOR WITH NO ADDITIONAL COST TO THE TENANT.	1.11 <u>SYSTEM OPERAT</u>
IS NOT SHOWN ON PLANS OR SPECIFICATIONS		LEAKAGE TESTS SHALL BE PER LOCAL CODES.	FOUR COPIES OF THE BALANCE REPORT SHALL BE SUBMITTED TO TENANT AND LANDLORD FOR APPROVAL.	ACTUATION OF A a. IDENTIFY
<u>PANEL BOARDS</u> PANEL BOARDS SHALL HAVE, BUT NOT BE LIMITED TO THE FC	LOWING:	FLASHING SHALL BE SEALED WATERTIGHT AND PERFORMED IN ACCORDANCE TO THE LANDLORD'S CRITERIA. USE LANDLORD APPROVED ROOFING CONTRACTOR WHERE APPLICABLE.	RECORD DRAWINGS	FIRE ALAI b. CAUSE TH c. CAUSE AI
 A. THREE PHASE, 4 WIRE, COPPER BUSING, NEMA 1 ENCLOSU a. GROUND BUS WITH SET SCREW CONNECTIONS 	E FOR INDOOR, NEMA 3R FOR OUTDOOR.	GAS PIPING	AT THE END OF THE PROJECT THIS CONTRACTOR SHALL SUBMIT 4 COPIES OF RECORD DRAWINGS SHOWING EXACT LOCATIONS OF UNITS, DUCTS, DIFFUSERS, ETC.	c. CAUSE AI d. CAUSE AI e. ACTIVATE
 b. SOLID NEUTRAL, 100% RATED WITH SET SCREW CONNEC c. SWITCH RATED BOLT-ON BREAKERS 	ΠΟΝ	PROVIDE A COMPLETE GAS PIPING SYSTEM IF APPLICABLE. REFER TO PLANS TO DETERMINE IF A GAS SYSTEM IS REQUIRED. GAS LINES SHALL BE BLACK STEEL, SCHEDULE 40, ASTM A-120, WITH MALLEABLE THREADED FITTINGS FOR	ECONOMIZER	MONITORI f. ACTIVATE
 d. TYPE WRITTEN DIRECTORY e. PLAQUE, BLACK WITH 1" HIGH WHITE LETTERS TO INDIC f. SQUARE D. GENERAL ELECTRIC OR SIEMENS 	TE PANEL NAME	2" AND SMALLER, AND WITH WELDED JOINTS FOR 2 1/2" AND LARGER.	GENERALLY, AN ECONOMIZER IS REQUIRED BY THE LATEST VERSIONS OF IECC IN ALL JURISDICTIONS EXCEPT SOUTH FLORIDA (CLIMATE ZONE 1). THE MECHANICAL CONTRACTOR SHALL ORDER ALL NEW ROOF—TOP HVAC UNITS WITH ECONOMIZERS, THE	g. ACTIVATE
 SQUARE D, GENERAL ELECTRIC OR SIEMENS EXCEPT, SINGLE PHASE PANELS SHALL BE USED FOR PRO- SUB-PANELS ON DELTA HI-LEG PROJECTS. 	ECTS THAT HAVE SINGLE-PHASE POWER AND FOR	PROVIDE A GAS COCK, DIRT LEG, AND UNION CONNECTION TO EACH PIECE OF EQUIPMENT.	MECHANICAL CONTRACTOR SHALL ORDER ALL SPLIT SYSTEMS, FAN COIL UNITS, WATER SOURCE HEAT PUMPS, OR OTHER MECHANICAL UNITS THAT ARE TO BE OPERATED MORE THAN 20 HOURS PER WEEK WITH ECONOMIZERS, FACTORY INSTALLED	1.12 ACTIVATION OF / a. CAUSE TH AND REM
		PITCH PIPING AT A UNIFORM GRADE OF 1/4" IN 15 FEET UPWARD IN DIRECTION OF FLOW. SUPPORT PIPING EVERY 5 FEET. SUPPORT AS REQUIRED BY LANDLORD CRITERIA, AS DETAILED ON DRAWINGS, OR BY STANDARD INDUSTRY PRACTICE, WHICHEVER IS MORE STRINGENT.	WHERE POSSIBLE OR WITH CAPABILITY FOR ECONOMIZER WHERE CONTROLS ARE TO BE FIELD INSTALLED, AND TO INSTALL ALL COMPONENTS – SUCH AS OUTSIDE AIR DUCTS AND DUAL ENTHALPY SENSORS, CONTROLS, ETC. THE CONTRACTOR SHALL VERIFY WITH THE LOCAL INSPECTOR WHAT VERSION OF ENERGY CODE IS ENFORCED IN THE JURISDICTION OF THE PROJECT AND FOR	b. IDENTIFY SYSTEM C
ROUNDING		GAS PIPING EXPOSED ON ROOF MUST BE PAINTED WITH TWO COATS OF RUST-INHIBITING PAINT.	WITH THE LOCAL INSPECTOR WHAT VERSION OF ENERGY CODE IS ENFORCED IN THE JURISDICTION OF THE PROJECT AND FOR UNITS OTHER THAN PACKAGED ROOFTOP UNITS MAY OMIT THE ECONOMIZER PACKAGE WHERE THE AHJ DOES NOT REQUIRE IT. ON BUILDINGS WITH LESS THAN 25 TONS OF INSTALLED HVAC, WHERE UNITS ARE 4.5 TONS OR SMALLER, THE ECONOMIZER	
EDERS AND BRANCH CIRCUITS COVIDE A GREEN INSULATED GROUND CONDUCTOR, SIZED PER	THE NEC IN EACH RACEWAY	GAS PIPING INSTALLED IN RETURN AIR PLENUMS SHALL BE SLEEVED AND VENTED OR WELDED IN	EXEMPTION MAY BE USED UNDER SOME CIRCUMSTANCES. VRF SYSTEMS TYPICALLY DO NOT REQUIRE ECONOMIZERS.	
LIGHTING FIXTURES		ACCORDANCE WITH THE LOCAL GAS COMPANY, LOCAL CODE AND APPLICABLE NFPA 54 CODES. TESTING AND PURGING OF GAS PIPING SHALL BE DONE PER THE REQUIREMENTS OF THE LOCAL GAS COMPANY, LOCAL CODES AND APPLICABLE NFPA 54 CODES.	ROOFTOP UNIT SEQUENCE OF OPERATION - CO2 SENSOR & ECONOMIZER	
DORDINATE FIXTURE TRIMS WITH CEILING IN/ON WHICH IT IS BE		CONTACT AND COORDINATE GAS SERVICE AND METER REQUIREMENTS WITH THE LOCAL GAS COMPANY PRIOR TO BID. INCLUDE	FAN CONTROL: THE SUPPLY FAN IS TO RUN CONTINUOUSLY DURING THE OCCUPIED MODE AND CYCLE ON AND OFF DURING THE UNOCCUPIED MODE BASED ON A CALL FOR HEATING OR COOLING. THE UNOCCUPIED SET POINT FOR COOLING WILL BE 85° FAHRENHEIT AND	
ATCH VOLTAGE OF FIXTURE TO CIRCUIT TO CIRCUIT TO WHICH		INSTALLATION OF GAS METER COSTS IN BID. PROVIDE REGULATORS AS NEEDED.	60° FAHRENHEIT FOR HEATING.	
ROVIDE LOW TEMPERATURE HIGH EFFICIENCY ELECTRONIC BALL ROVIDE THERMAL OVERLOAD PROTECTION IN BOTH FLUORESCEN		*PROPANE WHERE PROPANE GAS IS USED, PROVIDE TANK. VERIFY LOCATION ON SITE. COORDINATE PIPE PATH TO BUILDING.	THERMOSTAT: THE ADJUSTABLE ROOM THERMOSTAT WITH AUTOMATIC HEATING / COOLING CHANGEOVER SHALL CONTROL THE SPACE	
IARRATIVE DESCRIPTION IN LIGHTING FIXTURE SCHEDULE TAKES		MECHANICAL SPECIFICATIONS	TEMPERATURE BASED ON SET POINT. THE CONTROL OF THE OCCUPIED / UNOCCUPIED SETBACK MODE SHALL BE THROUGH THE THERMOSTAT. PROVIDE 24/7 CONTROLLABLE TYPE. THERMOSTATS SHALL HAVE AUTOMATIC CHANGEOVER, 5 DEGREE DEADBAND	
ROVIDE INTEGRAL DISCONNECTING MEANS FOR ALL FLUORESCEI		SECTION 15-C - HEATING, VENTILATION, AIR CONDITIONING	(TEMPERATURE SET-POINT OVERLAP RESTRICTIONS) AND SHALL ALLOW AUTOMATIC RESTART AND TEMPORARY OPERATION AS REQUIRED FOR MAINTENANCE, PER ENERGY CODE.	
			SAFETIES:	

RLY OCCUPIED LOCATION WHEN REQUIRED BY CODE. PROVIDE LANDLORD REQUIRED SEQUENCE OR

FIRST STAGE OF COOLING WILL BE ENABLED AND WILL OPERATE UNTIL THE SPACE THE SPACE TEMPERATURE CONTINUES TO INCREASE THEN THE SECOND STAGE OF COOLING WILL

FIRST STAGE OF HEATING WILL BE ENABLED AND WILL OPERATE UNTIL THE SPACE TEMPERATURE EMPERATURE CONTINUES TO DECREASE THEN THE SECOND STAGE OF HEATING WILL BE ENABLED

WHERE CALLED FOR ELSEWHERE IN THE DRAWING SET): L BE OPEN DURING THE OCCUPIED HEATING AND COOLING MODES FOR CODE REQUIRED MINIMUM SHALL REMAIN CLOSED DURING THE UNOCCUPIED MODE. IN THE OCCUPIED MODE THE CO2 OUTSIDE AIR DAMPER WHEN THE UNIT IS OPERATING BETWEEN THE MINIMUM OUTSIDE AIR MODE

HALPY CONTROLLED AND WILL BE OPERATIONAL WHENEVER COOLING IS REQUIRED AND THE OUTSIDE V THE RETURN AIR ENTHALPY. THE POWER EXHAUST (WHERE SPECIFIED) SHALL OPERATE AMPER IS OPEN MORE THAN 60%.

A 13 AND SPRINKLER MONITORED WITH OCCUPANCY NOTIFICATION COMPLYING WITH H.C.

WORK SHALL BE DONE UNDER A SEPARATE PERMIT (DESIGN/BUILD) BY LICENSED FIRE NTRACTORS.

ALARM POWER BOOSTER TO EXISTING BUILDING FIRE ALARM PANEL AS INDICATED ON DRAWINGS. NEW DEVICES SHALL BE FORMALLY PLANNED BY A LICENSED FIRE ALARM CONTRACTOR WHO SHALL D DRAWINGS, IF REQUIRED FOR PERMIT, AND SHALL SUPERVISE AND CERTIFY THE INSTALLATION. RACTOR SHALL REVIEW THE MECHANICAL DRAWINGS AND PROVIDE AND INSTALL DUCT SMOKE I THE STANDARD MECHANICAL CODE AND BY THE LOCAL FIRE MARSHALL. DESIGN SHALL PROVIDE VOICE EVACUATION MODULES WITH ALL NECESSARY APPURTENANCES WHERE NECESSARY.

ERIC ANNUNCIATOR WITH INTEGRAL ALPHANUMERIC DISPLAY, SYSTEM CONTROL/TEST SWITCHES, KEY TCH AND BACK BOX. COORDINATE LOCATION WITH AUTHORITY HAVING JURISDICTION PRIOR TO

SSABLE MANUAL STATIONS WITH PROTECTIVE COVERS (WITH INTEGRAL HORN AND 9V BATTERY) AS

SABLE PHOTOELECTRIC SMOKE DETECTORS WITH BASES AS SHOWN.

ANALOG ADDRESSABLE PHOTOELECTRIC SMOKE DETECTORS WITH SAMPLING TUBES AND RELAYS AS SHOWN ON THE PLANS AND AS REQUIRED TO COMPLY WITH THE MECHANICAL CODE. TECTORS ARE INSTALLED IN CONCEALED LOCATIONS MORE THAN 10 FEET ABOVE THE FINISHED MENT WHERE THE DETECTORS ALARM OR SUPERVISORY INDICATOR IS NOT VISIBLE TO RESPONDING TOR SHALL BE PROVIDED WITH REMOTE ALARM OR SUPERVISORY INDICATION IN A LOCATION ITHORITY HAVING JURISDICTION. ADDITIONALLY, LABEL REMOTE ALARMS TO INDICATE BOTH THEIR HANDLING UNITS(S) ASSOCIATED WITH EACH DETECTOR.

IODULES MONITOR MODULES AS SHOWN ON THE PLANS TO MONITOR SPRINKLER FLOW SWITCHES, SPRINKLER MITCHES AND SPRINKLER FIRE PUMP (AS REQUIRED).

IODULES ONTROL MODULES AS REQUIRED FOR INTERFACE WITH THE ELEVATOR CONTROLS, ELEVATOR POWER CABLE) AND HVAC CONTROLS (AS REQUIRED).

AKER/STROBE ALARM SIGNALS AS SHOWN ON THE PLANS FOR ALL PUBLIC AREAS. PROVIDE AL ALARM SIGNALS FOR ALL STROBE ONLY LOCATIONS AS SHOWN ON THE PLANS, 110 CANDELA.

ALED IN CONDUIT. PROVIDE WIRING AND CONDUIT AS DIRECTED BY THE MANUFACTURER'S

<u>STANDARDS</u>

UL LISTED FOR ITS INTENDED USE. INSTALL PER CODE AND PER MANUFACTURER'S

ING SHALL BE INSTALLED IN COMPLIANCE WITH NFPA STANDARD 70 (NATIONAL ELECTRIC CODE)

LITIES ACT (ADA)

GODE (IBC), UNIFORM BUILDING CODE (UBC), STATE BUILDING CODE, OR TITLE-24, AS

NATIONAL CODES AND AUTHORITIES HAVING JURISDICTION

ALARM INITIATING DEVICE SHALL IMMEDIATELY CAUSE THE FOLLOWING ACTIONS TO BE INITIATED: E OF ALARM, SPECIFIC DEVICE AND LOCATION ON THE BACK LIT LCD DISPLAY AT THE BUILDING

TROL PANEL AND AT THE REMOTE ANNUNCIATORS M ALARM LED TO FLASH AT THE FIRE ALARM CONTROL PANEL

HORNS TO SOUND

ALARMS SIGNALS TO FLASH GITAL COMMUNICATOR TO REPORT THE TYPE OF ALARM AND LOCATION TO THE REMOTE CENTRAL 10N. COORDINATE CONNECTIONS WITH OWNER'S REPRESENTATIVE.

S TO THE BUILDING DOOR LOCK CONTROLS TO DEACTIVATE LOCKS s to the hvac controls to initiate shut down or rerouting of air handling systems

INKLER VALVE SUPERVISORY SWITCH SHALL AUTOMATICALLY: IN SUPERVISORY LED TO FLASH AND AN AUDIBLE INDICATOR TO SOUND AT THE CONTROL PANEL

UNCIATOR PERVISORY CONDITION, SPECIFIC DEVICE AND LOCATION ON THE BACK LIT LCD DISPLAY AT THE PANEL AND THE REMOTE ANNUNCIATOR.

DDITIONAL FIRE PROTECTION NOTES:

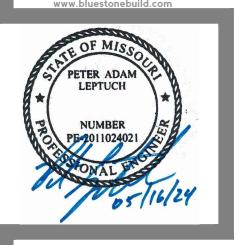
LEE'S SUMMIT, MO NOTE

FIRE PROTECTION DRAWINGS WILL BE SUBMITTED SEPARATELY FOR EPARATE PERMIT BY LICENSED FIRE SPRINKLER/FIRE ALARM CONTRACTOR, WHERE REQUIRED.

RAWING INFORMATION IS DISTRIBUTED THROUGHOUT THE OCUMENT SET. CONTRACTORS SHALL THOROUGHLY REVIEW ALL SHEETS AND SHALL NOTIFY CONSTRUCTION MANAGER FOR DIRECTION IF DISCREPANCIES ARE FOUND.

Peter A. Leptuch, P.E. 300 N. Carroll Blvd. #200 Denton, TX 76201 (940) 808-0615





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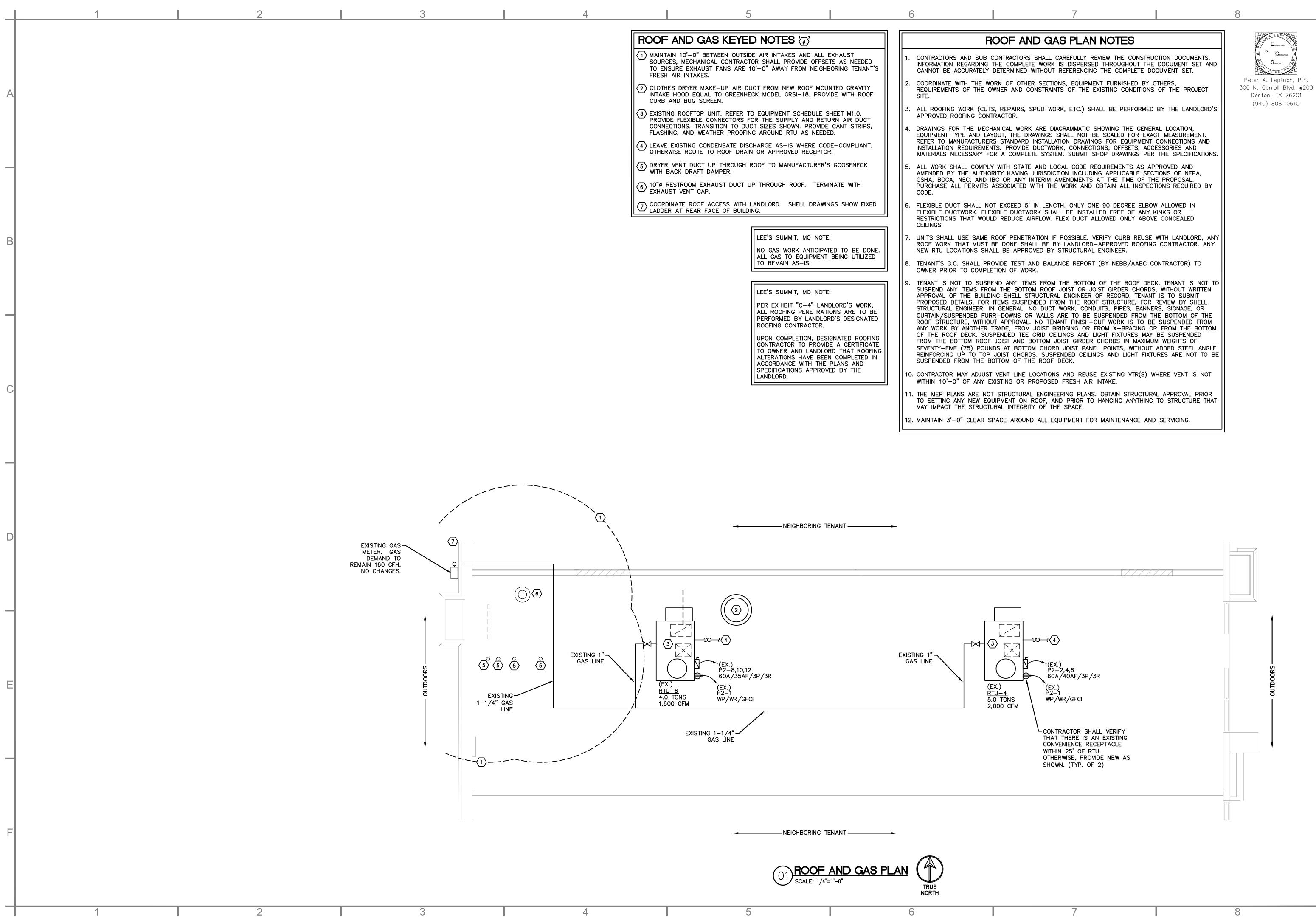
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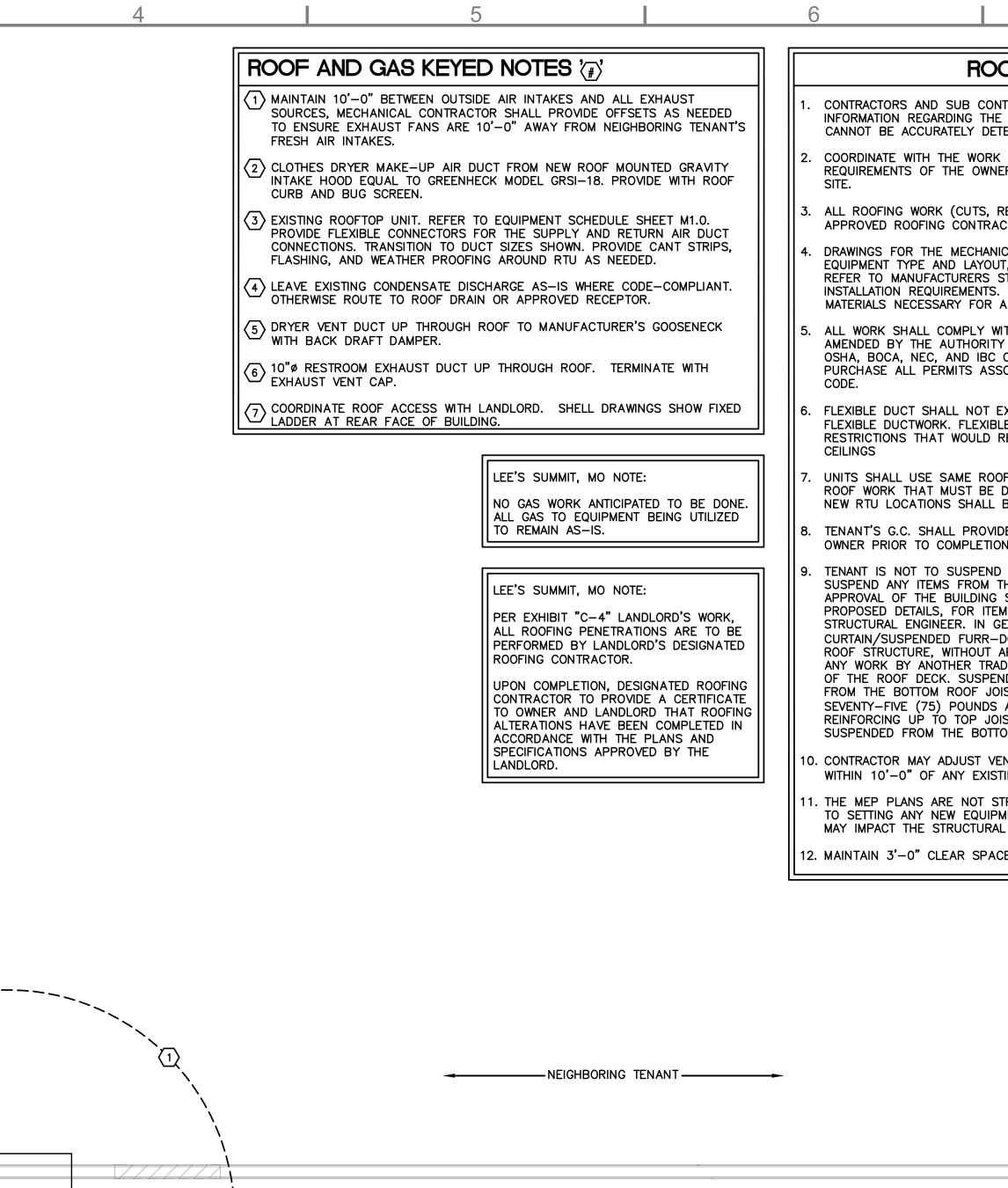
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		May 16, 2024



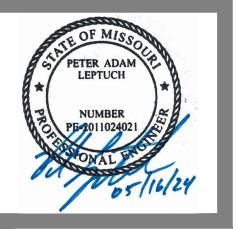


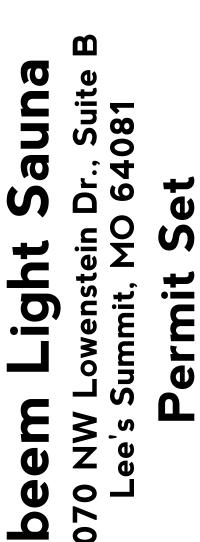




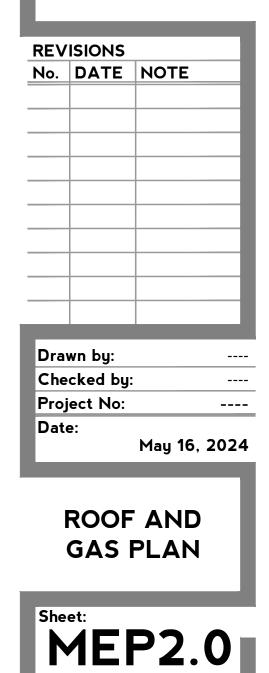


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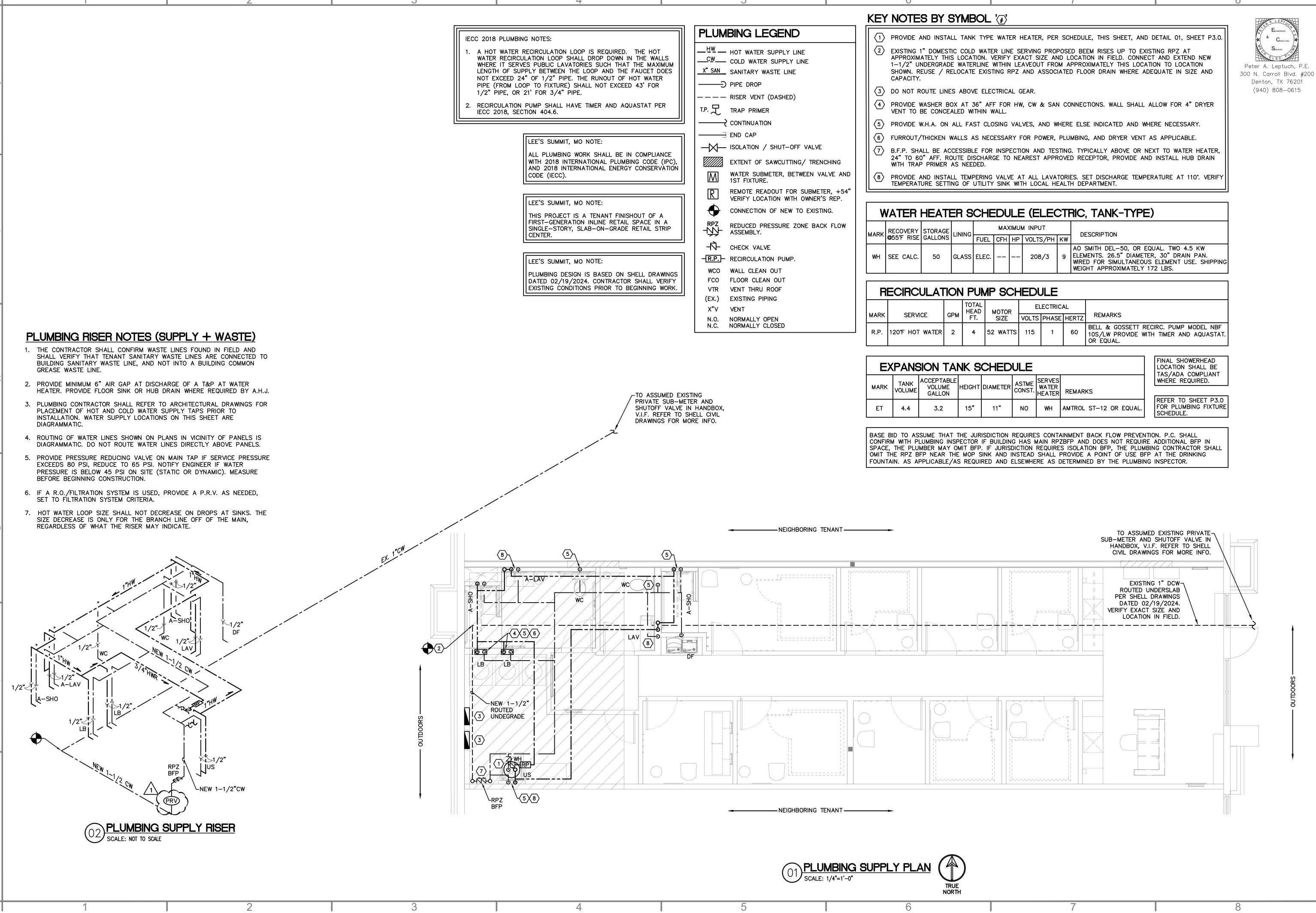




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- BUILDING SANITARY WASTE LINE, AND NOT INTO A BUILDING COMMON GREASE WASTE LINE.
- PLACEMENT OF HOT AND COLD WATER SUPPLY TAPS PRIOR TO INSTALLATION. WATER SUPPLY LOCATIONS ON THIS SHEET ARE DIAGRAMMATIC.
- EXCEEDS 80 PSI, REDUCE TO 65 PSI. NOTIFY ENGINEER IF WATER PRESSURE IS BELOW 45 PSI ON SITE (STATIC OR DYNAMIC). MEASURE BEFORE BEGINNING CONSTRUCTION.
- SIZE DECREASE IS ONLY FOR THE BRANCH LINE OFF OF THE MAIN, REGARDLESS OF WHAT THE RISER MAY INDICATE.

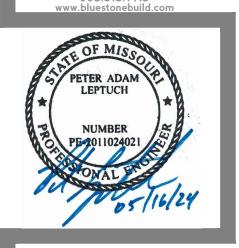


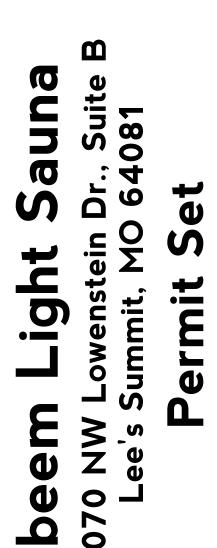
MAXIMUM INPUT DESCRIPTION CFH HP VOLTS/PH KW 208/3 9 AO SMITH DEL-50, OR EQUAL. TWO 4.5 KW ELEMENTS. 26.5" DIAMETER, 30" DRAIN PAN. WIRED FOR SIMULTANEOUS ELEMENT USE. SH WEIGHT APPROXIMATELY 172 LBS.	EDULE (ELECTRIC, TANK-TYPE)										
CFH HP VOLTS/PH KW 208/3 9 AO SMITH DEL-50, OR EQUAL. TWO 4.5 KW URL 208/3 9 ELEMENTS. 26.5" DIAMETER, 30" DRAIN PAN. WIRED FOR SIMULTANEOUS ELEMENT USE. SH											
208/3 9 ELEMENTS. 26.5" DIAMETER, 30" DRAIN PAN. WIRED FOR SIMULTANEOUS ELEMENT USE. SH											
	IN PAN.										

MOTOR	EL	ECTRIC	4L	
SIZE	VOLTS	PHASE	HERTZ	REMARKS
2 WATTS	115	1	60	BELL & GOSSETT RECIRC. PUMP MODEL NBF 10S/LW PROVIDE WITH TIMER AND AQUASTAT. OR EQUAL.

HEDULE									
METER	ASTME CONST.	SERVES WATER HEATER	REMARKS	TAS WHE					
11"	NO	WH	AMTROL ST-12 OR EQUAL.	REFI FOR SCH					





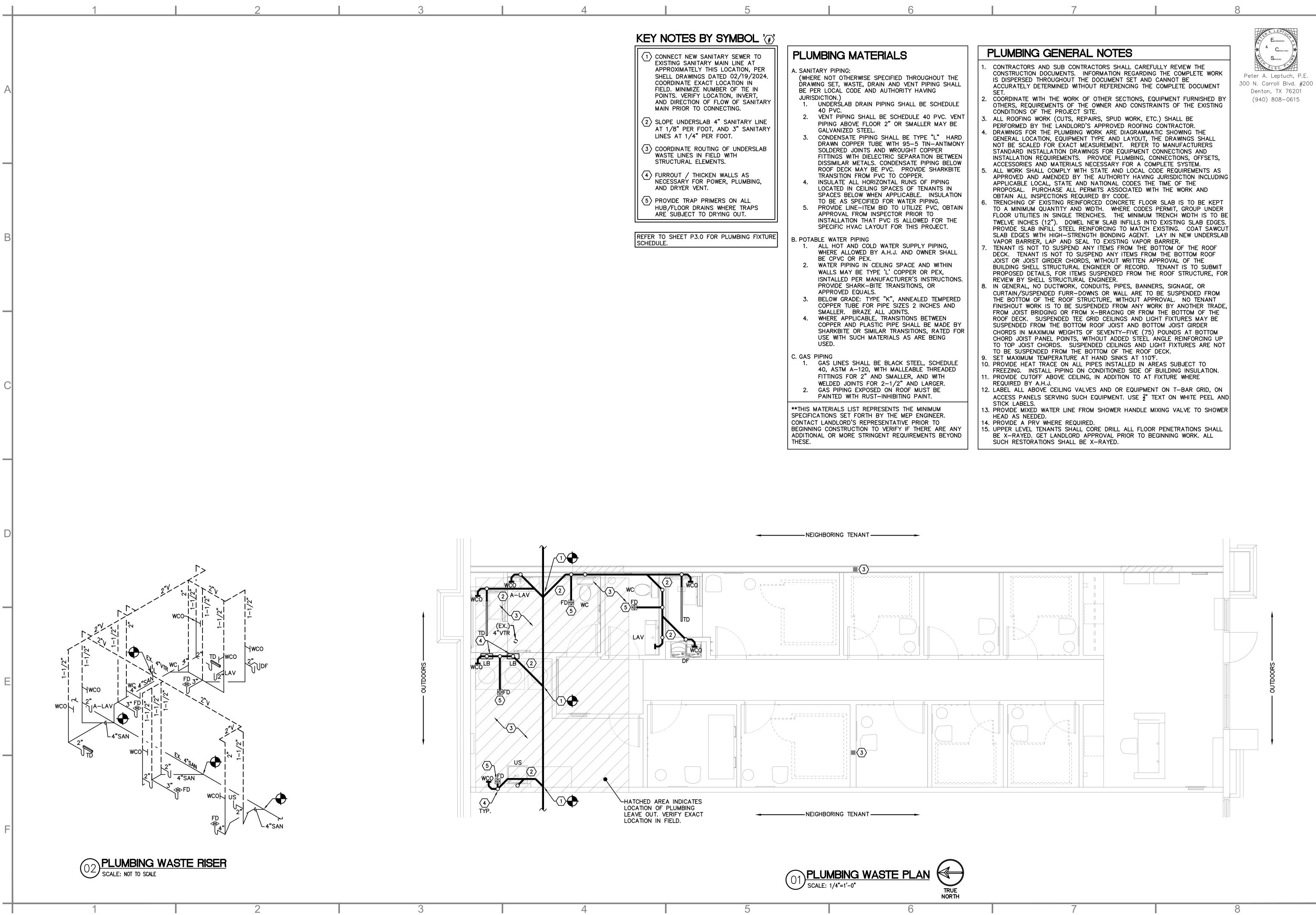


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May 16, 2024											
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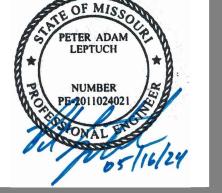


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FIELD. MINIMIZE NUMBER OF TIE IN POINTS. VERIFY LOCATION, INVERT, AND DIRECTION OF FLOW OF SANITARY MAIN PRIOR TO CONNECTING. SLOPE UNDERSLAB 4" SANITARY LINE AT 1/8" PER FOOT, AND 3" SANITARY LINES AT 1/4" PER FOOT.	BE PER LOCAL JURISDICTION.) 1. UNDERSL 40 PVC. 2. VENT PIP PIPING AI GALVANIZ 3. CONDENS
3 COORDINATE ROUTING OF UNDERSLAB WASTE LINES IN FIELD WITH STRUCTURAL ELEMENTS.	DRAWN C SOLDEREI FITTINGS DISSIMILA
FURROUT / THICKEN WALLS AS NECESSARY FOR POWER, PLUMBING, AND DRYER VENT.	ROOF DE TRANSITIO 4. INSULATE LOCATED SPACES
5 PROVIDE TRAP PRIMERS ON ALL HUB/FLOOR DRAINS WHERE TRAPS ARE SUBJECT TO DRYING OUT.	TO BE AS 5. PROVIDE APPROVA INSTALLA
EFER TO SHEET P3.0 FOR PLUMBING FIXTURE CHEDULE.	SPECIFIC B. POTABLE WATEF 1. ALL HOT WHERE A BE CPVC 2. WATER P WALLS M ISNTALLE

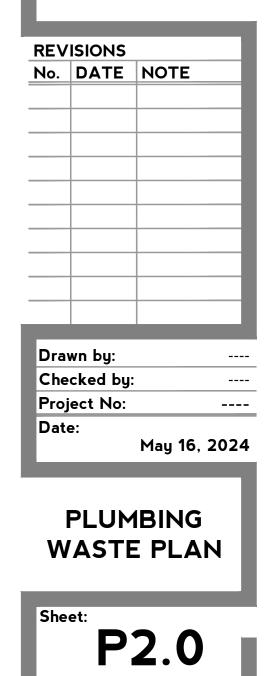






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- 1	Storage Tank Water Heater Sizing Calculator					PUE
	Developed by the Plan Review Unit of the Environmental Health Services Section					Fixture
- 1	Facility Name:		beem Light Sauna			Drinking Fountain
- 1	Address:		Lee's Summit, MO			Lavatory
	EQUIPMENT			GPH CALCULATED		Service Sink

Enter the quantity of equipment below	Quantity				Gallons Per Hour (GPI
Lavatory	2				10
Shower	2				30
Mop sink	1				5
Washer	2				13.6
Hand sinks and mop sinks are calculated at \$	5 GPH each, showers	at 15 GPH each.		Total	58.6
Hose reels are calculated at 5 GPH, clothes	washers at 6.8 GPH,	other equipment at the	usage entered	Total	50.0
		Recovery	Rate Needed (G	PH):	59
	Water Heat	ter Input (BTU or I	kW) Needed:		
Gas Water Heater Electri				ater	
51	rise	11 kW at 80°F rise			
58 ,000 BTU at 90°F		rise	13 kW at 90°F rise		
64 ,000 BTU at 10		F rise	14 kW at 100°F rise	e	
			17.5 kW at 65°F rise		
Pocovory Cale (For Tank Type Water H	optor				

PUBLIC	Load Values, In W			
Fixture	Qty	Cold	Hot	
Drinking Fountain	1	0.25	-	
Lavatory	2	1.50	1.50	
Service Sink	1	2.25	2.25	
Shower Head	2	3.00	3.00	
Washing Machine (15 lb)	2	3.00	3.00	
Water Closet (Flush Tank)	2	5.00	-	
*Values replicated from IPC 2018 Table E103.3(2) Ove				
FROM 2018 IPC TABLE E201.1 USING A MAXIMUM DEVELOPMEN ASSUMING A PRESSURE RANGE A 1" METER AND SERVICE PIPE 56 WSFU.	OF 30 T(0 39 PSI		

*NOTIFY ENGINEER IF WATER PRESSURE OR MAXIMUM DEVELOPMENT LENGTH DIFFERS FROM AS SHOWN ABOVE.

AND AT SIMILAR RATES."

Recovery Calc (For Tank Type Water Heater)			
110 °F			
51.1 °F			
58.9 °F			
8.34 LBS			
28,785.84 BTUH			
8.44 kW Required			

MARK	FIXTURE	ROUGH-IN-SIZE				
	TIXTOIL	S/W	V	CW	HW	DESCRIPTION / REMARKS
WC	WATER CLOSET	4"	2"	1/2"		FIXTURES: AMERICAN STANDARD COLONY #221AA104.020, 1.28 GPF TANK-TYPE, ADA-COMPLIANT COLOR: WHITE
A-LAV	LAVATORY (ADA)	2"	1-1/2"	1/2"	1/2"	FIXTURES: NAMEEKS TEOREMA 2 SCARABEO 5114. COLOR: WHITE. ONE FAUCET HOLE. FAUCET: VIGO DAVIDSON VG01043MBK. PROVIDE WITH THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV, SET AT 110°F.
LAV	LAVATORY	2"	1-1/2"	1/2"		FIXTURE: SWISS MADISON CLAIRE SM-CS734. COLOR: WHITE. LEG COLOR: BLACK. FAUCET: VIGO DAVIDSON VG01043MBK. COLOR: MATTE BLACK. PROVIDE WITH THERMOSTATIC MIXING VALVE EQUAL TO WATTS LFMMV, SET AT 110°F.
FD	FLOOR DRAIN	3"	1-1/2"			3" CAST IRON FLOOR DRAIN WITH POLISHED NICKEL BRONZE TOP. ZURN Z-415-J (SQUARE), J.R. SM APPROVED EQUAL. ADJUSTABLE STRAINER WITH FLASHING CLAMP DEVICE, PROVIDE TRAP PRIMER CO
A-SHO	SHOWER (ADA)			1/2"	1/2"	DELTA TEMPASSURE SHOWER SYSTEM, MODEL DSS-PIVOTAL-17T01-BL MATTE BLACK
SHO	SHOWER			1/2"	1/2"	DELTA PIVOTAL SHOWER ONLY TRIM, MODEL T17T299BL, MATTE BLACK
LB	WASHING MACHINE BOX	2"	1-1/2"	1/2"	1/2"	FIXTURE: OATEY #38747 WITH INTEGRAL SHOCK ARRESTERS OR EQUAL
US	UTILITY SINK	2"	1-1/2"	1/2"	1/2"	GLACIER BAY – ALL-IN-ONE 24" LAUNDRY SINK CABINET. COLOR: WHITE. MODEL: QL033Y FAUCET: HD67780-1208D2. PROVIDE WITH MIXING VALVE EQUAL TO WATTS LFMMV, SET AT 110"F
pt /	BOTTLE FILLING] ¥	J-317	1/2"		ELKAY - VZ8WSSSMC BOTTVE FULING/STATION, REFER/TO ELKAY TEMPLATE FOR MUTER ROUGH-1 COMPLIANCE.
DF	DRINKING FOUNTAIN	2"	1-1/2"	1/2"		ELKAY – LVRCGRNTL8WSK BOTTLE FILLING STATION AND BI-LEVEL DRINKING FOUNTAIN. REFER TO ROUGH-IN HEIGHT. MAINTAIN TAS/ADA COMPLIANCE.
TD	TRENCH DRAIN	2"	1-1/2"			INFINITY DRAIN S-LT 3848BK INSTALL IN CENTER OF SHOWER.

FIXTURE SPECIFICATION NOTE: REFER TO THE ARCHITECTURAL SHEETS AND/OR CORPORATE BUILDOUT PACKAGE FOR PREFERRED SPECIFICATIONS TO ENSURE THE ARCHITECT IS NOT DESIRING AN UPDATED FIXTURE FROM THESE BASELINE SPECIFICATIONS. CONTRACTOR SHALL ALSO THOROUGHLY REVIEW ARCHITECTURAL SHEETS PRIOR TO ORDERING EACH PIECE OF EQUIPMENT FOR COORDINATION FOR THINGS SUCH AS WALL-MOUNT SINKS VERSUS COUNTER-TOP SINKS OR UNDERMOUNT SINKS. MAINTAIN TAS/ADA COMPLIANCE.



3

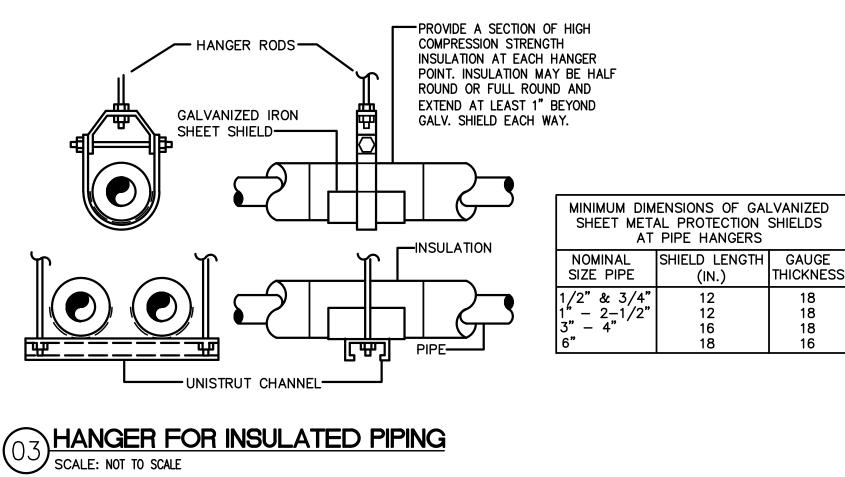


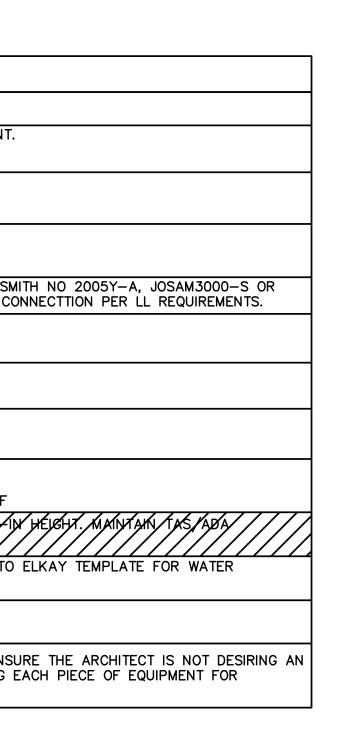


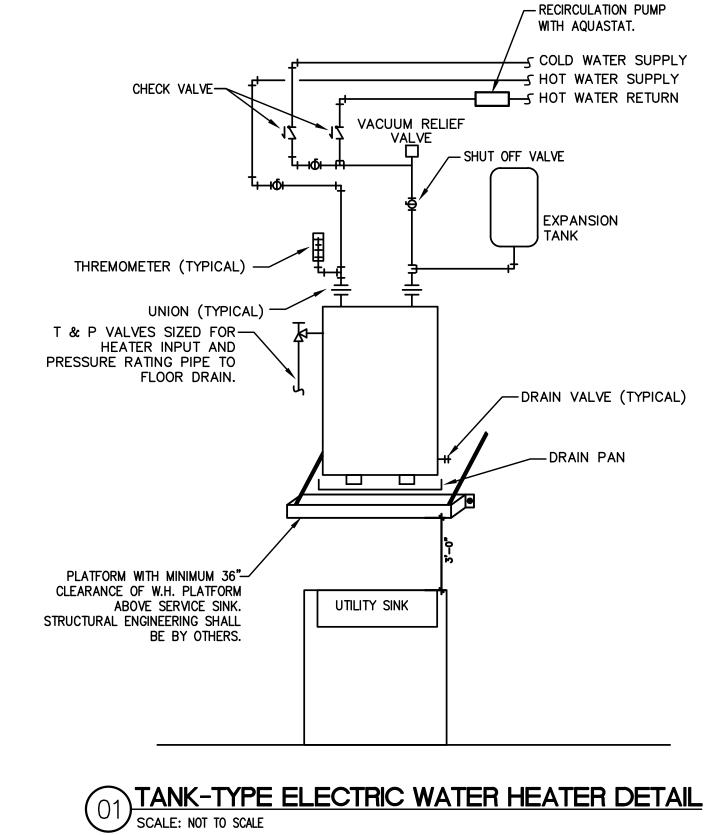




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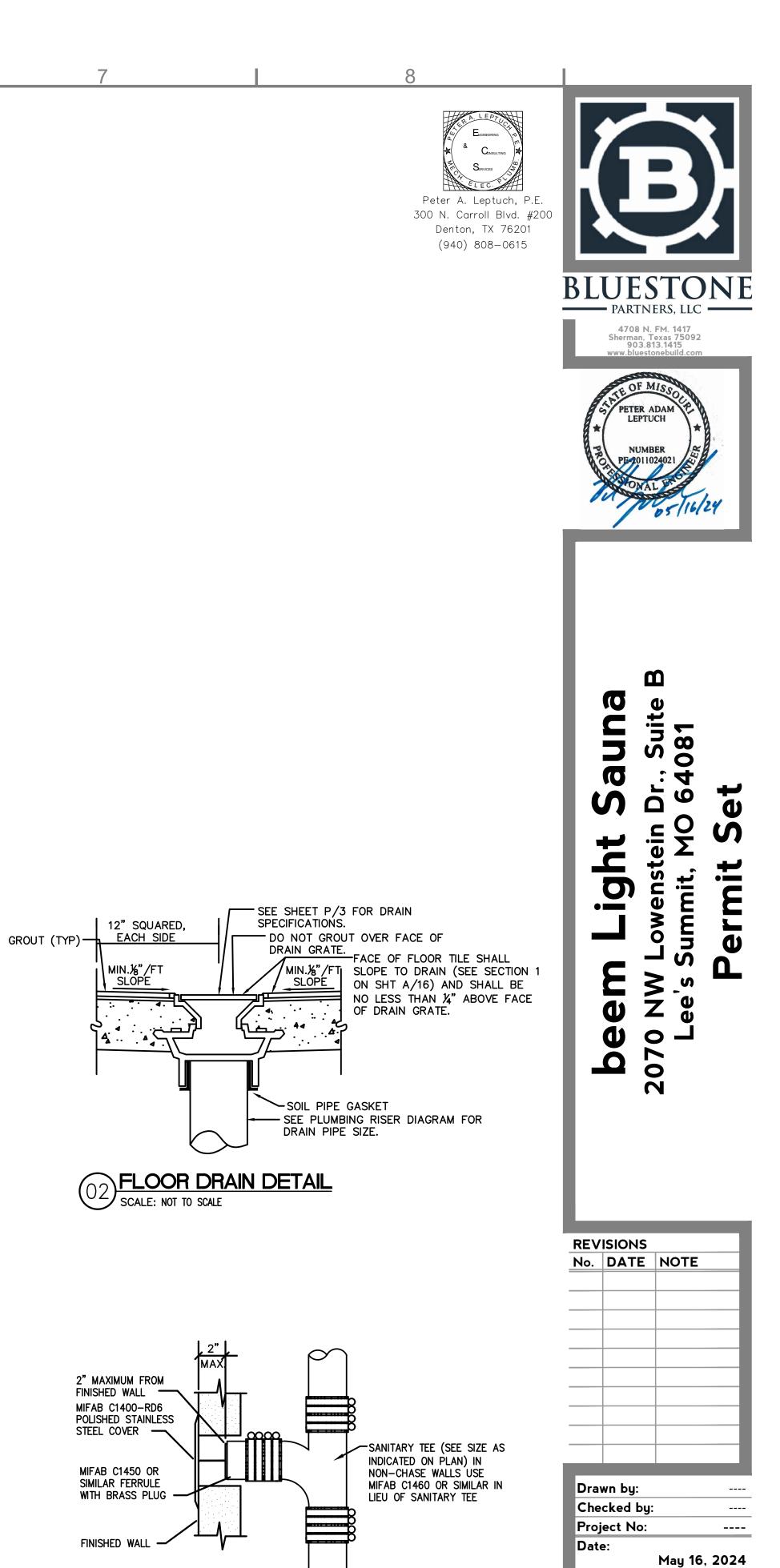


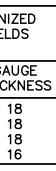


**PER IPC, "FOR FIXTURES NOT LISTED, LOADS SHOULD BE ASSUMED BY COMPARING THE FIXTURE TO ONE LISTED USING WATER IN SIMILAR QUANTITIES

SERVICE PIPE AND 1-1/2" DISTRIBUTION PIPE CAN HANDLE 56 WSFU > 33.25 WSFU, THEREFORE A 1" OR LARGER METER AND SERVICE PIPE AND A 1-1/2" DISTRIBUTION PIPE WILL BE SUFFICIENT.

Load Values, In WSFU Total Cold Hot WSFU Qtv Total 0.25 0.25 0.25 1.50 2.00 4.00 1.50 2.25 2.25 3.00 3.00 3.00 3.00 4.00 8.00 3.00 3.00 4.00 8.00 5.00 10.00 ank) 5.00 33.25 om IPC 2018 Table E103.3(2) Overall Total = TABLE E201.1





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PLUMBING

SCHEDULES

& DETAILS

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04 WALL CLEAN OUT DETAIL SCALE: NOT TO SCALE