

BUILDING CODES

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- INTERNATIONAL BUILDING CODE (ICC); 2012 EDITION WITH 2014, 2015, 2017 & 2018 AMENDMENTS
- NATIONAL ELECTRICAL CODE (NFPA: 2017 EDITION)
- INTERNATIONAL FUEL GAS CODE (ICC); 2012 EDITION WITH 2014 & 2015 AMENDMENTS
- INTERNATIONAL MECHANICAL CODE (ICC); 2012 EDITION WITH 2014 & 2015 AMENDMENTS
- INTERNATIONAL PLUMBING CODE (ICC); 2012 EDITION WITH 2014 & 2015 AMENDMENTS, AND "IPC APPENDIX F"
- INTERNATIONAL ENERGY CONSERVATION CODE (IECC); 2009 EDITION WITH 2011 & 2012 AMENDMENTS
- INTERNATIONAL EXISTING BUILDING CODE (IEBC); 2012 EDITION WITH 2015 AMENDMENTS
- EXIT DOORS SHALL NOT BE SUBJECT TO THE USE OF A KEY OR REQUIRE SPECIAL KNOWLEDGE TO OPERATE PER NFPA 101 LIFE SAFETY CODE, CHAPTER 7, SEC. 7.2.1.5.3, - 2012 EDITION.
- COMBUSTIBLE INTERIOR FINISH PRODUCTS SHALL COMPLY WITH THE REQUIREMENTS.

FIRE CODES:

- NFPA CODES AND STANDARDS: CURRENT EDITION (*)
- NFPA 101 LIFE SAFETY CODE: 2012 EDITION (*)
- 2013 NFPA 13 - SPRINKLERS
- 2013 NFPA 72 - FIRE ALARMS
- INTERNATIONAL FIRE CODE (ICC); 2012 EDITION WITH 2014 AMENDMENTS (*)
- (* REFERENCED CODES ARE MODIFIED BY THE STATE FIRE MARSHAL PER CHAPTER 120-3-3 OF RULES AND REGULATIONS OF THE SAFETY FIRE COMMISSIONER)
- O.C.G.A. TITLE 25 (STATE FIRE LAW)
- O.C.G.A. TITLE 30 (ACCESS TO USE OF PUBLIC FACILITIES BY PERSONS WITH DISABILITIES)
- 2010 ADA STANDARDS
- 2012 EDITION OF THE NFPA CODES AND STANDARDS AS ADOPTED AND MODIFIED BY THE STATE FIRE MARSHAL TITLE 25 OCGA, AND 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- 2012 EDITION NATIONAL FIRE PROTECTION ASSOCIATION LIFE SAFETY CODE, WITH 2015 GEORGIA AMENDMENTS NFPA STANDARDS AS LISTED IN THE RULES AND REGULATIONS OF THE SAFETY FIRE COMMISSIONER CHAPTER 120-3-3.
- PROVIDE AN ANNUAL FIRE ALARM SYSTEM TEST CERTIFICATE AT THE TIME OF FINAL INSPECTION.

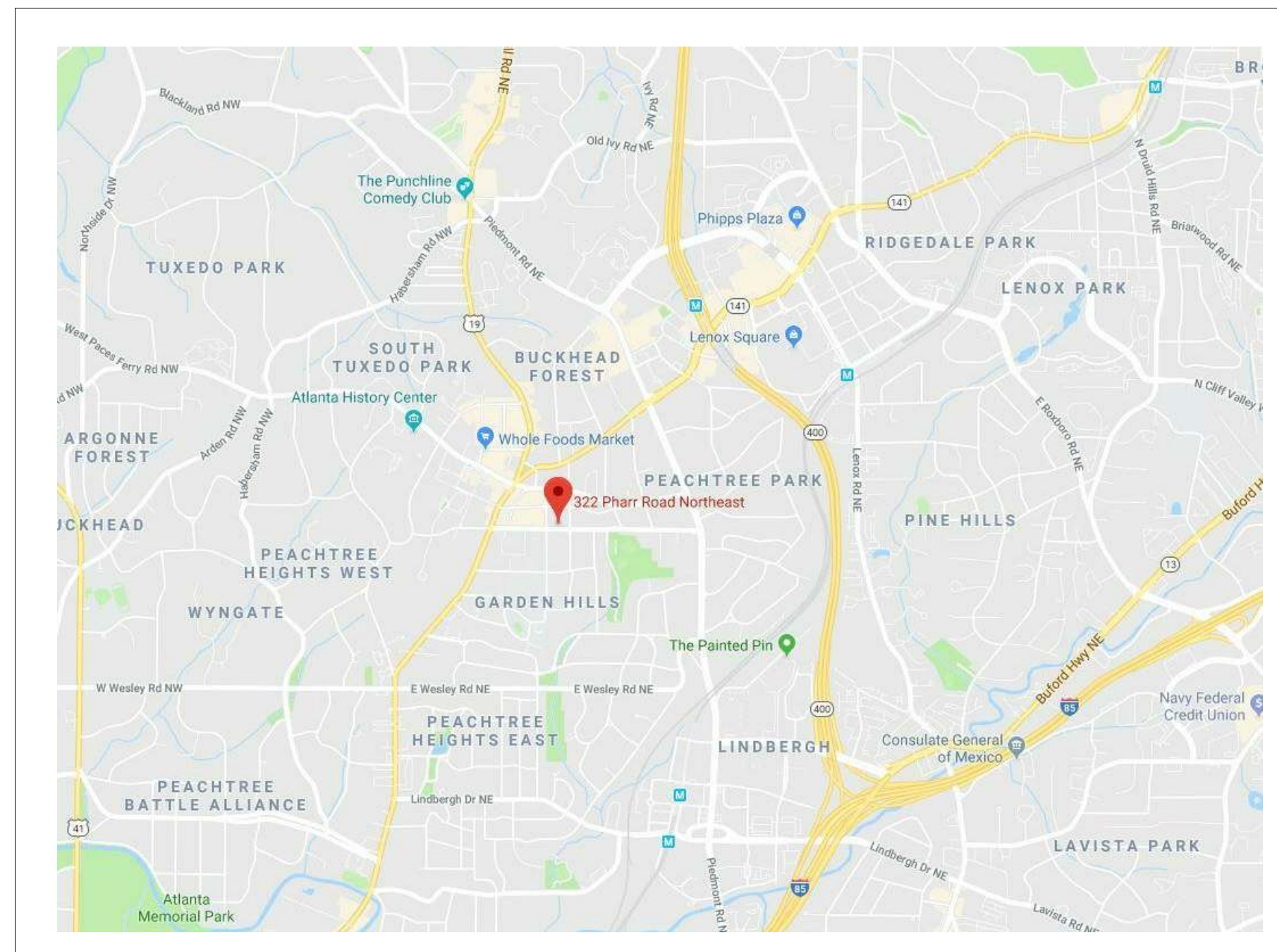
GENERAL NOTES

- CONTRACTOR TO VERIFY FUNCTIONALITY / SIZING OF ANY EXISTING BACKFLOW PREVENTER(S).
- CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF MATERIAL DISCREPANCIES FOUND ON THE DRAWINGS OR ANY EXISTING CONDITIONS FOUND ON THE SITE WHICH CONFLICT WITH CONDITIONS AS SHOWN IN THE CONTRACT DOCUMENTS.
- DEDICATED CIRCUITS FOR EXIT LIGHTING ARE NOT PERMITTED. THEY SHALL BE CONNECTED TO THE LIGHTING CIRCUIT BREAKER FOR THE AREA THEY SERVE.
- THE TOPS OF ACCESSIBLE TABLES AND COUNTERS SHALL BE FROM 28" TO 34" ABOVE THE FINISHED FLOOR OR GROUND. GEORGIA ACCESSIBILITY CODE.
- THE TOPS OF ACCESSIBLE BREAK ROOM SINKS SHALL COMPLY WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN FOR HEIGHT, KNEE CLEARANCE, DEPTH, CLEAR FLOOR SPACE, AND FAUCETS.
- NOTE WELL: PER NEC 2014 ALL CABLING USED IN CONSTRUCTION SHALL BE LCC (LIMITED COMBUSTION CABLE).
- NOTE WELL: THE CONTRACTOR SHALL PERMANENTLY IDENTIFY ALL FIRE RATED WALLS (A CORRESPONDING HOURLY RATING) REQUIRED TO HAVE PROTECTED OPENINGS. CORRIDOR PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, AND EXIT ENCLOSURES EITHER BY INSTALLING SIGNS OR BY STENCILING IN CONCEALED SPACES THE FOLLOWING (ONE) HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS. IDENTIFICATION SHALL BE SPACED NO MORE THAN TWELVE (12) FEET ON CENTER WITH A MINIMUM LETTER SIZE OF TWO (2) INCHES IN HEIGHT ON A CONTRASTING BACKGROUND.
- NOTE WELL: INSULATION MATERIALS INSTALLED IN BUILDINGS OF ANY TYPE CONSTRUCTION SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450 AS DETERMINED IN ACCORDANCE WITH ASTM E84. CLEARLY SPECIFY ON DRAWINGS THE CORRESPONDING FLAME SPREAD AND SMOKE-DEVELOPED INDEXES FOR THE PURPOSED INSULATION TO DOCUMENT COMPLIANCE WITH 2012 INTERNATIONAL BUILDING CODE TABLE 803.9
- ALL TENANT EXTERIOR DOORS SHALL BE DESIGNED WITH 4" MINIMUM SIZE LETTERING.

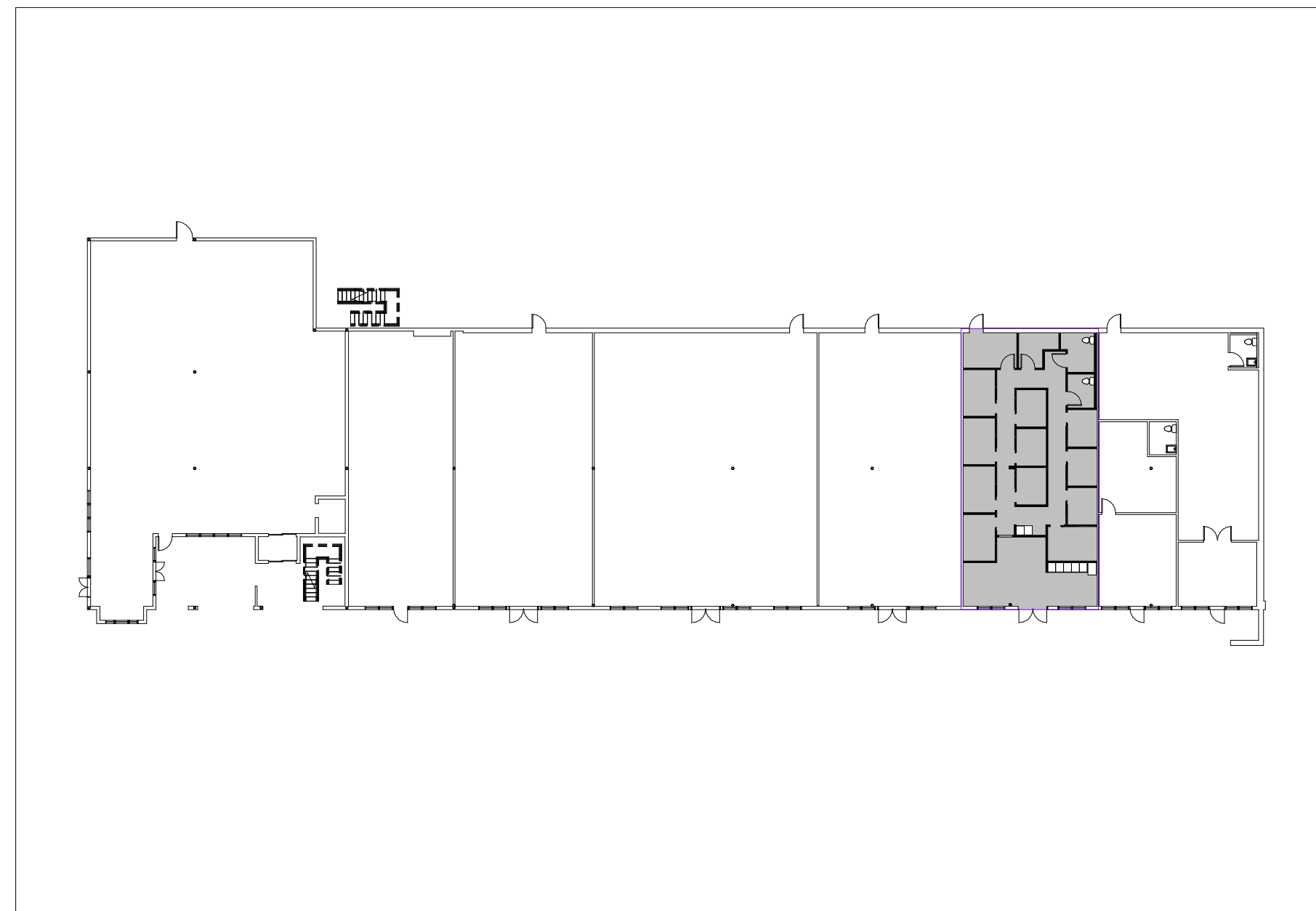
ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	LAV	LAVATORY
AFF	ABOVE FINISHED FLOOR	MTL	METAL
BLDG	BUILDING	MECH	MECHANICAL
CLG	CEILING	MIN	MINIMUM
CLR	CLEAR	MISC	MISCELLANEOUS
CMU	CONCRETE MASONRY UNIT	N/A	NOT APPLICABLE
COL	COLUMN	NIC	NOT IN CONTRACT
CONST	CONSTRUCTION	NTS	NOT TO SCALE
CPT	CARPET	OC	ON CENTER
DF	DRINKING FOUNTAIN	PLM	PLASTIC LAMINATE
DIM	DIMENSION	PT	PAINT
DEMO	DEMOLITION	PB	PHONE BOARD
DR/FR	DOOR/ DOOR FRAME	RA	RETURN AIR
DN	DOWN	R/R	REMOVE AND/ OR RELOCATE
EQ	EQUAL	REQ'D	REQUIRED
EQUIP	EQUIPMENT	RM	ROOM
EXIST'G	EXISTING	SIM	SIMILAR
EX FAN	EXHAUST FAN	SC	SOLID CORE
ELECT/ELE	ELECTRICAL / TELEPHONE	STOR	STORAGE
EP	ELECTRICAL PANEL	SF	SQUARE FEET
ETR	EXISTING TO REMAIN	TYP	TYPICAL
FD	FLOOR DRAIN	UNO	UNLESS NOTED OTHERWISE
FE	FIRE EXTINGUISHER	VCT	VINYL COMPOSITE TILE
FIN	FINISH	VVC	VINYL WALLCOVERING
F&I	FURNISH AND INSTALL	W/	WITH
FLOUR	FLOURESCENT (LIGHT FIXTURE	W/O	WITH OUT
GL	GLASS	WC	WATER CLOSET
GWB	GYPSSUM WALL BOARD	WD	WOOD
HM	HOLLOW METAL		
HVAC	HEATING, VENTILATION AND AIR CONDITIONING		

VICINITY MAP



LOCATION PLAN



PROJECT DIRECTORY

ARCHITECT

HUGHES TURNER PHILLIPS ASSOCIATES, LLC
2970 CLAIRMONT ROAD, NE
SUITE 300
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(404) 233 3533
CONTACT: SUSAN PHILLIPS
EMAIL: SPHILLIPS@HUGHESTURNERPHILLIPS.COM

ENGINEER

BEACH ENGINEERING SOLUTIONS TEAM, INC.
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DULUTH, GA 30097
(678) 665 3289
CONTACT: BOB G. BEACH
EMAIL: BBEACH@BESTENGINEERINGSOLUTIONS.COM

LANDLORD

KIM KING ASSOCIATES
1819 PEACHTREE ROAD NE
SUITE #575
ATLANTA, GA 30309
(404) 419-9400
CONTACT: DAN CONNOR
EMAIL: DCONNOR@KIMKINGASSOC.COM

CONTRACTOR

BA BARRETT CONSTRUCTION
300 MANSELL OVERLOOK
SUITE 150
ROSWELL, GA 30076
(678) 571 3861
CONTACT: DAVID BARRETT
EMAIL: DAVIDBARRETT08@GMAIL.COM

PROJECT DESCRIPTION

INTERIOR BUILDOUT IN EXISTING BUILDING. EXTENT OF WORK TO INCLUDE : DEMOLITION OF INTERIOR PARTITIONS, CONSTRUCTION OF NEW PARTITIONS, DOORS, WINDOWS AND INTERIOR FINISHES. MODIFICATIONS TO M.E.P. AS REQUIRED.

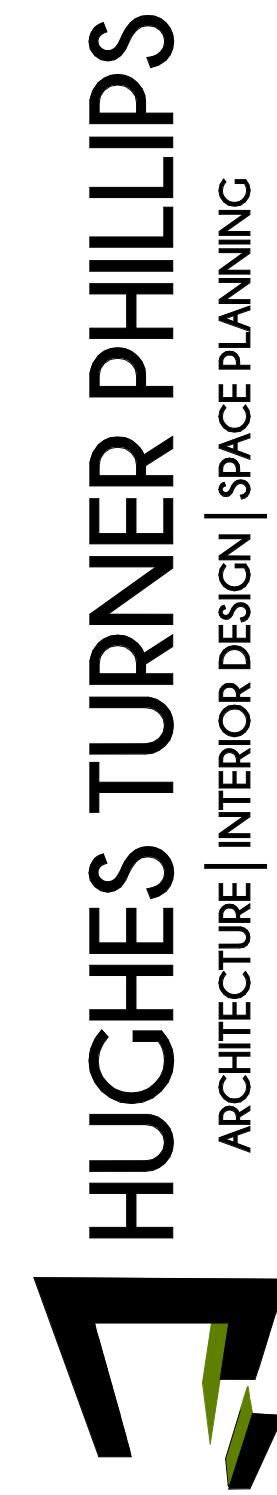
BUILDING CRITERIA

BUILDING NAME: SHOPS AT PHARR
ADDRESS: 322 PHARR ROAD
SUITE 1730
ATLANTA, GA 30305

OCCUPANCY CLASSIFICATION: BUSINESS
JURISDICTION: CITY OF ATLANTA
TYPE OF CONSTRUCTION: TYPE II B
1 HOUR PROTECTION: NO
SPRINKLER: NO
FIRE ALARM: NO
SEISMIC USE GROUP: GROUP 1
SEISMIC DESIGN CATEGORY: C
TOTAL INTERIOR FINISH AREA: 1,783 USF
WAREHOUSE: N/A
OFFICE: 1,783 USF
BASEMENT: N/A
MEZZANINE: N/A
STORIES: 1 STORY
FLOOR: GROUND FLOOR
DECK HEIGHT: 13'-4"
MINIMUM FLOOR LIVE LOAD: 50
OCCUPANCY: 29 OCCUPANTS

DRAWING LIST

DRAWING SHEET LIST	
SHEET NUMBER	SHEET NAME
A-0.01	COVER SHEET
A-0.02	DETAIL SHEET
A-1.01	LIFE SAFETY SHEET
A-2.01	ARCHITECTURAL SHEET
A-3.01	REFLECTED CEILING/UTILITY SHEET
A-4.01	FINISH SHEET
A-5.01	ELEVATION SHEET
E-1.01	ELECTRICAL SCHEDULES AND DETAILS
E-2.01	ELECTRICAL REFLECTED CEILING/UTILITY SHEET
M-0.01	HVAC- NOTES AND SCHEDULES
M-1.01	HVAC- FLOOR PLAN
M-2.01	HVAC- DETAILS
P-1.01	PLUMBING- FLOOR PLAN



2970 CLAIRMONT ROAD NE | SUITE 300 | ATLANTA, GA 30329 | 404-233-3533 | FAX: 404-261-5768

REVISION SCHEDULE	
NUMBER	DATE

PROJECT: **PERSPIRE SAUNA STUDIO**
322 PHARR ROAD
SUITE 1730
ATLANTA, GA 30305

CLIENT: **PERSPIRE SAUNA STUDIO**

STAMP: **GEORGIA**
REGISTERED ARCHITECT
Matthew Thomas
STAMP DATE: 07/31/2018

CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 04/19/18
DATE: 07/26/2018
SCALE: 1"=30'-0"
DRAWN BY: SB
SHEET NUMBER: **A-0.01**

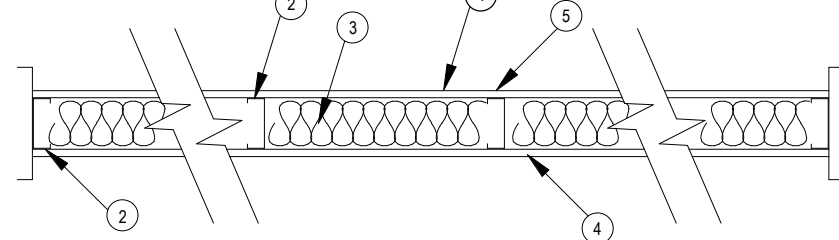
REVIEW AND APPROVE
 NOT RELEASED FOR CONSTRUCTION
 RELEASED FOR CONSTRUCTION

FIRE RATED DETAILS

Design No. U465
October 10, 2017

Fire Resistance Rating - ANSUIUL 263

Nonbearing Wall Rating - 1 HR
*Indicates such products shall bear the UL or dUL Certification Mark for jurisdictions employing the UL or dUL Certification (such as Canada), respectively.



1. Floor and Ceiling Runners - (Not shown) Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min. 25 MGS galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

14. Framing Members* - Floor and Ceiling Runners - (Not shown) - As an alternate to Item 1 - Channel shaped, min 3-5/8 in. deep, attached to floor and ceiling with fasteners 24 in. OC max.

18. Framing Members* - Floor and Ceiling Runners - (Not shown) - In lieu of Item 1 - For use with item 28, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

19. Floor and Ceiling Runners - (Not shown) For use with item 2C - Channel shaped, fabricated from min 20 MGS corrosion protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced 24 in. OC max.

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ADA DETAILS

2010 ADA STANDARDS FOR ACCESSIBLE DESIGN:

WHERE DRINKING FOUNTAINS ARE PROVIDED ON A FLOOR, THERE SHALL BE ONE DRINKING FOUNTAIN WHICH IS ACCESSIBLE TO INDIVIDUALS WHO USE WHEELCHAIRS AND ONE ACCESSIBLE TO THOSE WHO HAVE DIFFICULTY BENDING OR STOOPING. THIS MAY BE ACCOMMODATED BY THE USE OF A "HIGH-LOW" FOUNTAIN.

FREE-STANDING OR BUILT-IN DRINKING FOUNTAINS OR WATER COOLERS SHALL HAVE A CLEAR FLOOR SPACE OF AT LEAST 30 INCHES BY 48 INCHES.

PROTRUDING OBJECTS PROJECTING FROM WALLS, FREESTANDING, OVERHEAD, OR OVERHANGING OBJECTS OR OBJECTS MOUNTED ON POSTS AND PYLONS SHALL BE INSTALLED IN COMPLIANCE WITH SECTION 307.

SIGNAGE ON RESTROOM DOORS SHALL INCLUDE BOTH RAISED AND BRAILLE CHARACTERS ALONG WITH PICTORIAL SYMBOLS TO COMPLY WITH SECTION 307. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60" FROM FINISHED FLOOR TO CENTERLINE OF THE SIGN, MAXIMUM.

THE ACCESSIBLE ROUTE SHALL START AT THE ACCESSIBLE PARKING AND CONTINUE INTO THE PRIMARY ENTRANCE OF EACH ALL NEW OR RENOVATED BUILDINGS AND TENANT SPACES.

(GRAB BARS) THE REAR WALL GRAB BAR SHALL BE 36 INCHES LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES MINIMUM ON ONE SIDE AND 24 INCHES MINIMUM ON THE OTHER SIDE. THE SIDE WALL GRAB BAR SHALL BE 42 INCHES LONG MINIMUM, LOCATED 12 INCHES MAXIMUM FROM THE REAR WALL AND EXTENDING 57 INCHES MINIMUM FROM THE REAR WALL. SECTION 604.5 OF THE 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.

(FLUSH CONTROLS) SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET PER SECTION 604.6 OF THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

(EXPOSED PIPES AND SURFACES) HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES PER 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.

2010 GEORGIA ACCESSIBILITY CODE

(WATER CLOSETS) MOUNTING HEIGHT: 17" - 19" FROM FINISHED FLOOR TO TOP OF SEAT - PER THE GEORGIA ACCESSIBILITY CODE.

(GRAB BARS) LENGTH: 36" MINIMUM BEHIND THE WATER CLOSET. 42" MINIMUM BESIDE THE WATER CLOSET. TO BE INSTALLED PER THE REQUIREMENTS OF RULE 120-3-20-37 OF THE GEORGIA ACCESSIBILITY CODE.

(FLUSH CONTROLS) SHALL BE INSTALLED PER RULE 120-3-20-27(6) AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NO MORE THAN 44 INCHES ABOVE THE FINISHED FLOOR PER THE GEORGIA ACCESSIBILITY CODE.

(PAPER DISPENSERS) SHALL BE INSTALLED PER THE REQUIREMENTS OF RULE 120-3-20-27(6) WITH A MINIMUM OF 19" FROM FINISHED FLOOR TO CENTER OF THE ROLL, PER THE GEORGIA ACCESSIBILITY CODE.

(LAVATORIES) MOUNTING HEIGHT CLEARANCES: PROVIDE CLEAR FLOOR SPACE OF 30" WIDE BY 48" DEEP WITH A MAXIMUM OF 29" UNDER THE LAVATORY. LEVER, PUSH, OR ELECTRONIC FAUCETS SHALL BE USED. IF SELF-CLOSING VALVES ARE USED, THE WATER SHALL FLOW FOR A MINIMUM OF 10 SECONDS PER RULE 120-3-20-30 OF THE GEORGIA ACCESSIBILITY CODE.

(MIRRORS) SHALL BE INSTALLED AT A MAXIMUM OF 40" FROM THE FINISHED FLOOR TO BOTTOM, AND AT LEAST 74" TO THE TOP OF THE FRAME PER RULE 120-3-20-30(6) OF THE GEORGIA ACCESSIBILITY CODE.

(EXPOSED PIPES AND SURFACES) HOT WATER DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES PER 120-3-20-30(4) OF THE GEORGIA ACCESSIBILITY CODE.

(URINALS) SHALL BE INSTALLED PER THE REQUIREMENTS OF RULE 120-3-20-29. WALL-HUNG TYPES SHALL BE MOUNTED AT 17" FROM FINISHED FLOOR TO THE TOP OF THE FRONT LIP AND SHALL EXTEND AT LEAST 14" FROM THE WALL TO THE FRONT EDGE OF URINAL WITH A CLEAR FLOOR SPACE OF 30" X 48" PER THE GEORGIA ACCESSIBILITY CODE.

(SIGNAGE FOR RESTROOMS): SHALL BE RAISED AND BRAILLE CHARACTERS AND PICTORIAL SYMBOLS. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE-LATCH DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHTS SHALL BE 60" FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN PER RULE 120-3-20-41(4),(5),(6) OF THE GEORGIA ACCESSIBILITY CODE.

(TOILETS) SHALL BE INSTALLED PER THE REQUIREMENTS OF RULE 120-3-20-29. WALL-HUNG TYPES SHALL BE MOUNTED AT 17" FROM FINISHED FLOOR TO THE TOP OF THE FRONT LIP AND SHALL EXTEND AT LEAST 14" FROM THE WALL TO THE FRONT EDGE OF URINAL WITH A CLEAR FLOOR SPACE OF 30" X 48" PER THE GEORGIA ACCESSIBILITY CODE.

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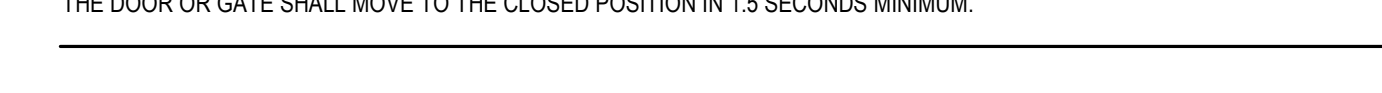
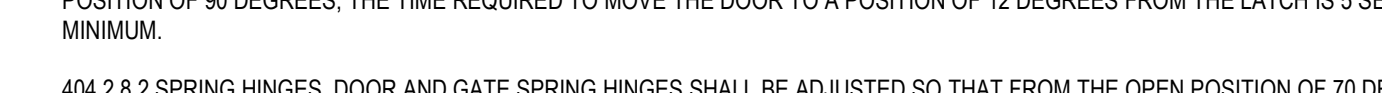
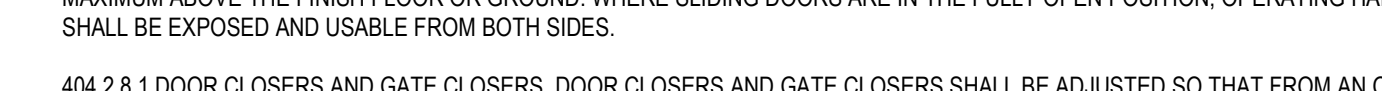
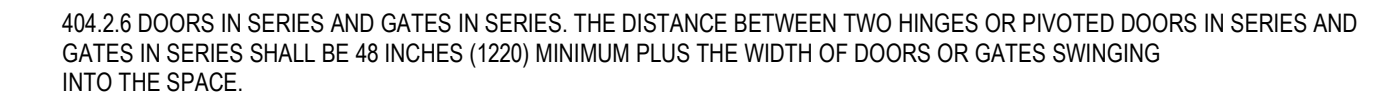
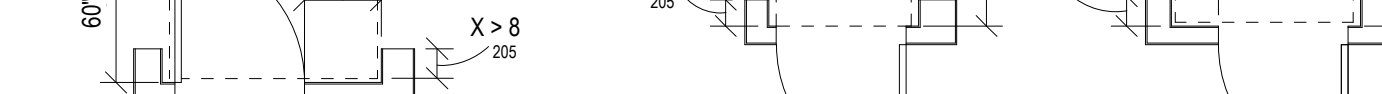
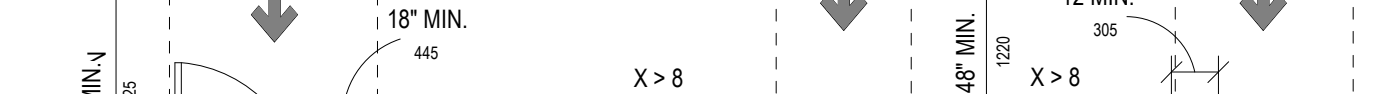
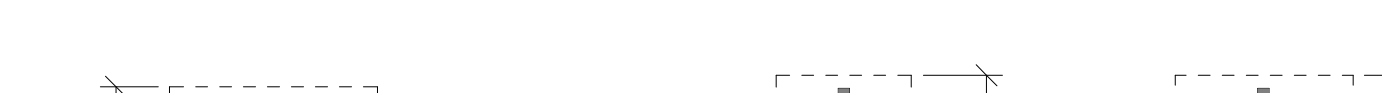
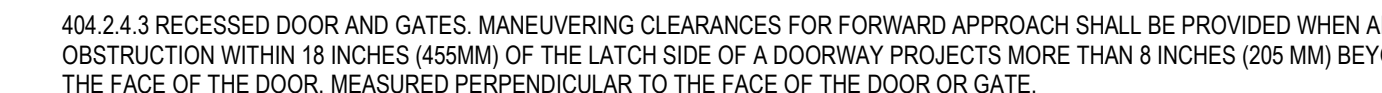
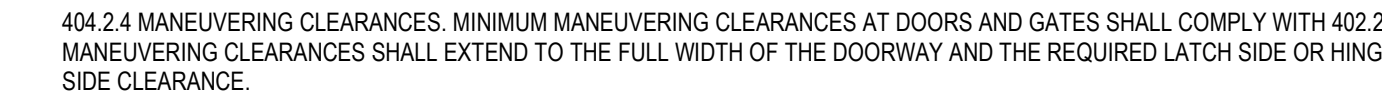
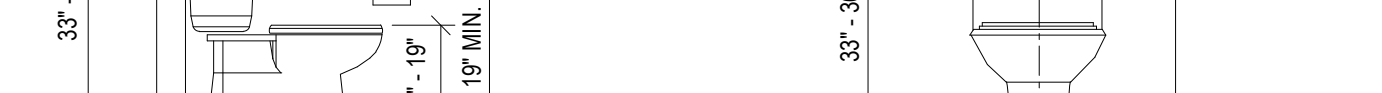
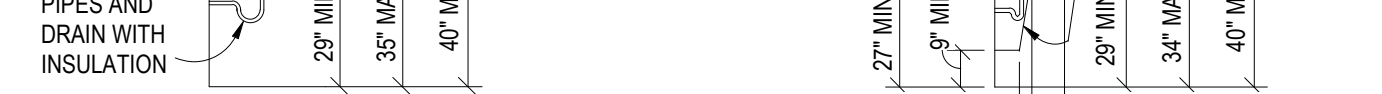
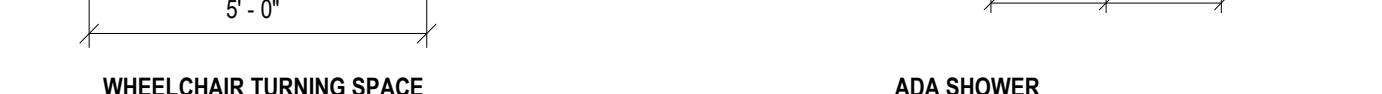
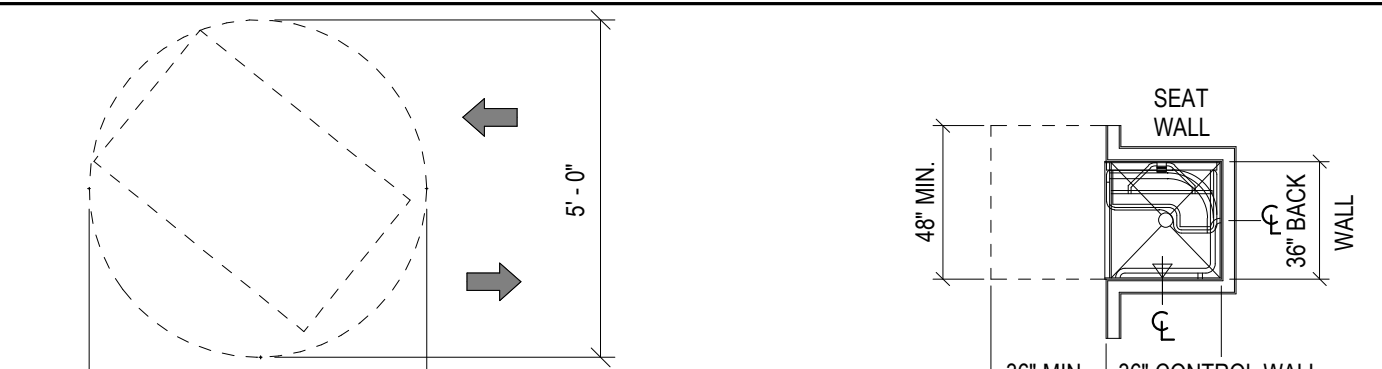
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HUGHES TURNER PHILLIPS ARCHITECTURE | INTERIOR DESIGN | SPACE PLANNING



2970 CLAIRMONT ROAD NE | SUITE 300 | ATLANTA, GA 30329 | 404-233-3533 | FAX 404-261-5769

Table with 2 columns: REVISION, SCHEDULE. Rows include NUMBER, DATE, COMMENTS.

PERSPIRE SAUNA STUDIO 322 PHARR ROAD SUITE 1730 ATLANTA, GA 30305

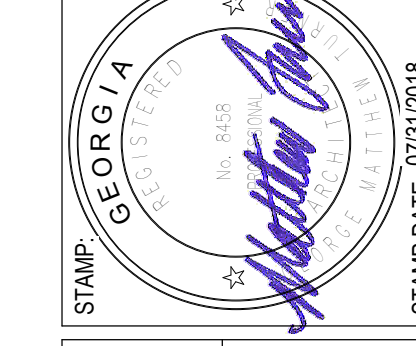
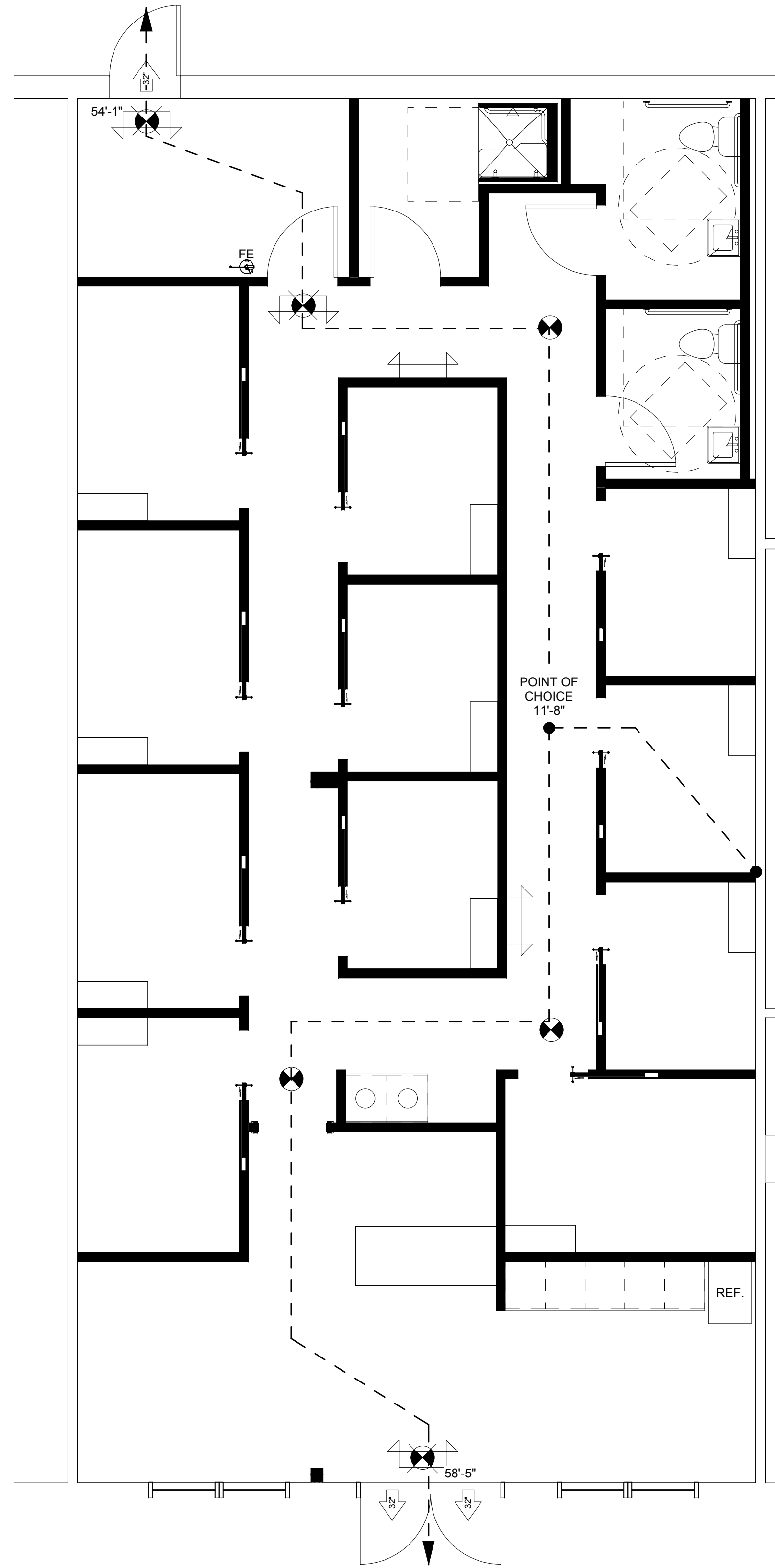


Table with 2 columns: CONSTRUCTION DOCUMENTS, CLIENT. Includes project number, date, sheet number, and scale.

A-0.02



① LIFE SAFETY PLAN
1/4" = 1'-0"

LIFE SAFETY SUMMARY			
ITEM	REQUIRED	PROVIDED	COMMENTS
NUMBER OF EXITS	2	2	
EXIT DOOR WIDTH	29 OCC X 0.2 = 5.8"	96"	
TRAVEL DISTANCE	200' MAX	58'-5"	
COMMON PATH OF TRAVEL	75' MAX	11'-8"	
OCCUPANCY SUMMARY			
BUSINESS	1:100	7 PEOPLE	661 SF
ASSEMBLY (ENTRY)	1:15	22 PEOPLE	335 SF
TOTAL NUMBER OF OCCUPANTS		29 PEOPLE	1,234 SF
LEGEND			
SYMBOL	DESCRIPTION		
	BUILDING STANDARD EMERGENCY EXIT SIGN WITH BATTERY BACKUP.		
	BUILDING STANDARD WALL MOUNTED EMERGENCY EGRESS LIGHT WITH BATTERY BACKUP.		
	BUILDING STANDARD COMBINATION EMERGENCY EXIT SIGN / EGRESS LIGHT WITH BATTERY BACKUP.		
	BUILDING STANDARD AUDIO / VISUAL ANNUNCIATOR - WALL MOUNTED AT 80" A.F.F.		
	LOCATION OF FIRE EXTINGUISHER - _2_A_10_BC.		
	EGRESS DOOR WIDTH		
	TRAVEL DISTANCE (POINT OF CHOICE)		

REVISION SCHEDULE	
NUMBER	DATE

PROJECT:
PERSPIRE SAUNA STUDIO
332 PHARR ROAD
ATLANTA, GA 30305

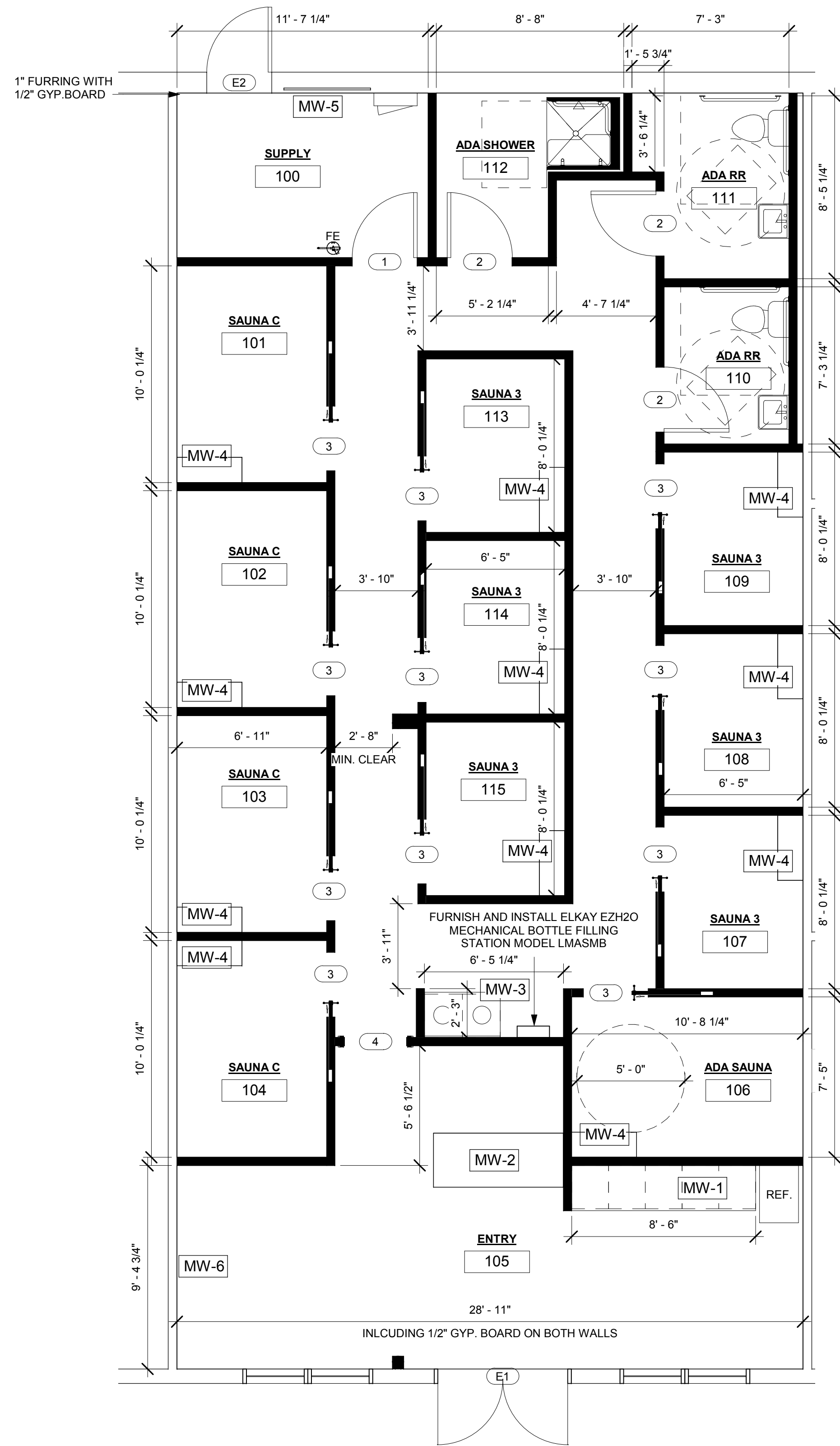
CLIENT:
PERSPIRE SAUNA STUDIO
LIFE SAFETY SHEET



CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 04-073-16
SCALE: As Indicated
DATE: 07/26/2018
DRAWN BY: SB
SHEET NUMBER: A-1.01

REVIEW AND APPROVE
 NOT RELEASED FOR CONSTRUCTION
 RELEASED FOR CONSTRUCTION



PROVIDE WOOD BLOCKING IN WALL FOR TVS. ALL TVS TO BE 32".

ADA SAUNA POCKET DOOR TO HAVE ADA COMPLIANT HARDWARE. CLEAR OPENING MUST BE 32" MIN.

1 ARCHITECTURAL PLAN
1/4" = 1'-0"

ARCHITECTURAL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING PARTITION OR BASE BUILDING / BUILDING CORE
	EXISTING CONSTRUCTION TO BE REMOVED
	NEW PARTITION - 3-1/2" METAL STUDS, 22 GAUGE AT 24" O.C. WITH 1/2" GWB ON EACH SIDE-SLAB TO CEILING GRID. PROVIDE BLOCKING AS REQUIRED FOR CEILING TILE TYPE. USE FINISH TRIM PIECE AT TOP OF PARTITION.
	LOCATION OF BUILDING STANDARD TENANT DEMISING PARTITION OR CORRIDOR PARTITION. ALL TENANT DEMISING AND CORRIDOR PARTITIONS TO BE FLOOR TO STRUCTURE, MIN. 1-HOUR RATED ASSEMBLY; MIN. 3-5/8", MIN. 25 GAUGE METAL STUDS AT 24" O.C.; (5/8") TYPE "X" FIRE CODE DRYWALL EACH SIDE; AND 3-1/2" SOUND ATTENUATION BATTS IN CAVITY. ANCHOR TO SLAB AND SEAL TIGHT TO STRUCTURE. CONTINUOUS PERIMETER CAULKING AS REQUIRED (TEST NUMBER: UL DES. U.465). PROVIDE FIRE DAMPERED RETURN AIR GRILLES AS REQUIRED. PATCH / REPAIR / UPGRADE AS REQUIRED.
	LOCATION OF FIRE EXTINGUISHER - 2_A_10_BC.
	LOCATION OF MILLWORK. SEE MILLWORK NOTES FOR DETAILS.
	WINDOW TAG. SEE GLAZING NOTES FOR DETAILS.
	DOOR TAG. SEE DOOR SCHEDULE FOR DETAILS.

ARCHITECTURAL NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH BASE BUILDING CONSTRUCTION UNLESS NOTED OTHERWISE.

PATCH / REPAIR EXISTING PARTITION AS REQUIRED. PATCH / PREP FOR NEW FINISHES.

NOTE WELL: CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS OF ALL FIRE RATED ASSEMBLIES PRIOR TO SUBMITTING CONSTRUCTION BID. CONTRACTOR TO PATCH / REPAIR / UPGRADE ENTIRE FIRE RATED ASSEMBLIES AS REQUIRED TO COMPLY WITH PREVAILING ISSUANCE RECOGNIZED BY CITY AND OR COUNTY. INCLUDE BUT NOT LIMITED TO: INSTALLATION OF FIRE TAPE, INSTALLATION OF FIRE CAULK AT ALL PENETRATIONS AND INSTALLATION OF FIRE DAMPERS

FURR BASE BUILDING CMU WALL WITH HAT CHANNELS AND GWB TO STRUCTURE OR 1'-0" ABOVE CEILING.

FURNISH AND INSTALL 1/2" "GREEN LABEL" GWB AT ALL WET PLUMBING LOCATIONS.

FURNISH AND INSTALL FIRE DAMPERED RETURN AIR GRILLES AS REQUIRED AT FIRE RATED PARTITIONS.

DOOR NOTES

SEE ARCHITECTURAL PLAN / LEGEND FOR LOCATION AND DIMENSIONS OF NEW AND RELOCATED DOORS.

ALL BUILDING STANDARD DOOR HARDWARE SHALL BE LEVER TYPE TO COMPLY WITH RULE 120-3-20-24 (9), GEORGIA ACCESSIBILITY CODE (OR PREVAILING ISSUANCE RECOGNIZED BY COUNTY).

ALL DOORS AND HARDWARE THROUGHOUT SHALL MATCH. REFINISH AS REQUIRED TO ACHIEVE BUILDING STANDARD.

PROVIDE BUILDING STANDARD DOOR STOPS AT ALL DOOR LOCATIONS (FLOOR MOUNTED OR WALL MOUNTED)

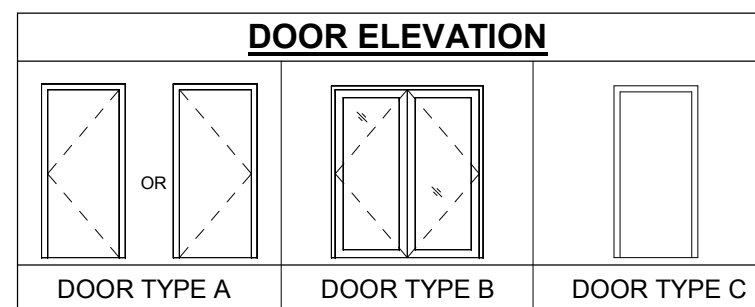
MISC NOTES

GENERAL CONTRACTOR TO FURNISH AND INSTALL (1) 2_A_10_BC, FIRE EXTINGUISHERS. (SEMI RECESS CABINET / FLUSH MOUNTED), UNLESS NOTED OTHERWISE. REUSE EXISTING AS ALLOWABLE. RECHARGE AS REQUIRED. MAINTAIN TRAVEL DISTANCE (NOT TO EXCEED 75'-0") TO EXTINGUISHERS PER CODE. FIRE EXTINGUISHERS SHALL BE INSTALLED AT A MAXIMUM OF 48" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE. (1 PER 2,500 SF OFFICES, 1 PER 5,000 SF WAREHOUSE)

UPGRADE LIFE SAFETY AS REQUIRED TO COMPLY WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

ALL APPLIANCES AND VENDING MACHINES BY TENANT UNLESS NOTED OTHERWISE.

LANDLORD SHALL FURNISH AND INSTALL BUILDING STANDARD SIGNAGE.



GENERAL NOTES

GENERAL CONTRACTOR SHALL CALL ARCHITECT (404.233.3533) WITH ANY QUESTIONS OR FOR ANY DEFINITIONS OF BUILDING STANDARD.

GENERAL CONTRACTOR SHALL REVIEW FIELD CONDITIONS AND NOTIFY ARCHITECT, VERBALLY AND IN WRITING, OF ANY DISCREPANCIES.

NOTIFY TENANT (PERSPIRE SAUNA STUDIO) PRIOR TO SITE VISITS. PROTECT OCCUPIED AREAS DURING CONSTRUCTION. COORDINATE SCHEDULE WITH TENANT.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY/ALL TEMPORARY UTILITIES, PAYMENT OF SUCH UTILITIES, AND FOR THE PERMANENT CONNECTION OF ALL UTILITIES AT THE DESIGNATED POINT OF "TIE IN" WHETHER BEYOND THE LEASED PREMISES OR WITHIN THE SPACE PAYMENT OF SUCH UTILITIES, AND FOR THE PERMANENT CONNECTION OF ALL UTILITIES AT THE DESIGNATED POINT OF "TIE IN" WHETHER BEYOND THE LEASED PREMISES OR WITHIN THE SPACE.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR "TURN-KEY" PROJECT, INCLUDING FINAL CLEANING OF WINDOWS, BLINDS, CARPET, WINDOW SILL, DOORS, HARDWARE, ETC. SPACE TO BE COMPLETED FOR TENANT OCCUPANCY.

CONTRACTOR SHALL VISIT JOB SITE TO BECOME FAMILIAR WITH THE SCOPE OF WORK PRIOR TO SUBMITTING PRICE. CONTRACTOR SHALL NOTE CONDITIONS WHICH AFFECT OR SHALL BE AFFECTED BY THE SCOPE OF WORK. ANY DISCREPANCIES BETWEEN THESE CONDITIONS AND THE DRAWINGS OR DRAWING NOTES SHALL BE REPORTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO SUBMITTING PRICE.

ALL DIMENSIONS ARE "CLEAR" UNLESS NOTED OTHERWISE.

ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES, LAWS, RULES AND REGULATIONS OF ALL CONSTITUTED PUBLIC AUTHORITIES HAVING JURISDICTION. ALL WORK WILL BE PERMITTED, INSPECTED AND GENERAL CONTRACTOR IS REQUIRED TO OBTAIN PERMANENT CERTIFICATE OF OCCUPANCY PRIOR TO TENANT MOVING IN.

ALL WORK SHALL MATCH BUILDING STANDARDS, UNLESS NOTED OTHERWISE.

GENERAL CONTRACTOR SHALL CONFORM TO THE RULES OF CONSTRUCTION OPERATION POLICY OF THE MANagements OF KIM KING ASSOCIATES INCLUDING, BUT NOT LIMITED TO: HOURS FOR DELIVERY AND CONSTRUCTION, TRASH REMOVAL REQUIREMENTS, SITE MAINTENANCE, PERSONNEL MANAGEMENT, AND INSURANCE REQUIREMENTS.

THESE DRAWINGS ARE FOR INFORMATION ONLY. THEY ARE NOT TO BE SCALED. NOTIFY ARCHITECT VERBALLY AND IN WRITING OF ANY VARIATION +4" IN EITHER A FIXED OR FLOATING DIMENSION. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS.

WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR WILL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. THIS OFFICE MUST BE NOTIFIED OF ANY DIMENSION AND ALL OF THE TERMS AND CONDITIONS SHOWN BY THIS PRINT.

ALL WORK TO BE DONE IN A FIRST CLASS MANNER WITH FIRST CLASS MATERIALS AND INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS.

ELECTRICAL, PLUMBING AND MECHANICAL WORK TO BE "DESIGN BUILD" AND PROFESSIONALLY SEALED BY CONTRACTORS. SUBMIT PLANS TO OWNER FOR REVIEW AND APPROVAL PRIOR TO SUBMITTING FOR PERMITTING AND COMMENCEMENT OF WORK.

UNLESS ATTACHED HERE WITH OR NOTIFIED BY ARCHITECT OTHERWISE, ALL MECHANICAL / ELECTRICAL / PLUMBING DRAWINGS REQUIRED BY GOVERNING JURISDICTIONS SHALL BE "DESIGN BUILD" AND STAMPED BY THE APPROPRIATE SUBCONTRACTOR.

GENERAL CONTRACTOR SHALL PROVIDE FINAL ENGINEERING DRAWING TO THE ARCHITECT BY COMPLETION OF THE PROJECT.

FOR ANY / ALL SPECIAL ORDER ITEMS THE GENERAL CONTRACTOR SHALL SUBMIT SAMPLES / CUT SHEETS TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING OR PURCHASING.

MILLWORK NOTES

NOTE WELL: ALL BLOCKING REQUIRED FOR SUPPORT OF MILLWORK SHALL BE FIRE-TREATED. REMOVE AND REPLACE EXISTING WALLBOARD WHERE REQUIRED TO INSTALL BLOCKING.

GENERAL CONTRACTOR / SUBCONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ARCHITECTS APPROVAL PRIOR TO FABRICATION OF MILLWORK.

HEAVY DUTY STANDARDS AND BRACKETS SHALL BE KV85/185. NOTE WELL: STANDARDS SHALL BE SCREWED TO METAL STUDS (PROVIDE BLOCKING IN WALL CAVITY WHERE APPLICABLE).

MW-1 PROVIDE BUILT-IN BASE CABINET WITH QUARTZ COUNTERTOP AND BACKSPLASH. COUNTERTOP TO BE 2'-0" D X LENGTH SHOW ON ELEVATION @ 36" AFF. CABINETS DOORS TO BE CEDAR WOOD PLANK. CABINET DOORS TO HAVE EQUAL NUMBER OF DOORS. PROVIDE ONE ADJUSTABLE SHELF IN EACH CABINET. PROVIDE QUANTITY (6) CEDAR WOOD FLOATING SHELVES ON SLAT WALL ABOVE WITH CONCEALED SUPPORTS. FLOATING SHELVES TO BE 6" D X 2" THICK X VARYING LENGTHS AND MOUNTING HEIGHTS. VERIFY WITH TENANT LENGTH OF SHELVES.

MW-2 PROVIDE BI-LEVEL RECEPTION DESK WITH PLASTIC LAMINATE FRONT AND QUARTZ WATERFALL TRANSACCION LEDGE AND COUNTERTOP. FRONT OF DESK TO BE RECESSED WITH CEDAR WOOD PLANK DETAIL. PROVIDE PLASTIC LAMINATE SHELVING UNDERNEATH DESK ON WORKING SIDE. SEE ELEVATION.

MW-3 PROVIDE TOWEL DROP. BUILT-IN BASE CABINET WITH QUARTZ COUNTERTOP AND BACK SPLASH. PROVIDE TWO 10" DIAMETER OPENINGS IN TOP FOR TOWEL DROP. COUNTER TOP TO BE 2'-0" D X LENGTH SHOWN ON PLAN @ 36" AFF. CABINET DOORS TO BE CEDAR WOOD PLANK.

MW-4 PROVIDE STAIN GRADE WALL MOUNT CEDAR SHELF IN EACH SAUNA ROOM, 36" W X 14" D X 2" THICK ON CONCEALED SUPPORTS. MOUNT SELF AT 34" AFF. EASE EXPOSED CORNER EDGES OF SHELF.

MW-5 PROVIDE 3/4" THICK 4" W X 4" H PLYWOOD TELEPHONE BACKBOARD SECURED TO PARTITION. MOUNT TIGHT TO CEILING AND PAINT TO MATCH ADJACENT PARTITION

MW-6 PROVIDE AND INSTALL LED BACK LIT MIRROR. CONTACT TENANT FOR SPECIFICATIONS.

DOOR SCHEDULE																							
MARK	OPENING		FRAME		DOOR				HARDWARE & ACCESSORIES					COMMENTS									
	HEIGHT	WIDTH	TYPE	FINISH	FIRE RATED	ELEVATION TYPE	TYPE	FINISH	NEW	RELOCATED	EXISTING	PASSAGE	LOCKSET		PRIVACY	CLOSER	CASED OPENING	PUSH/PULL	DOOR STOP (W/F)	KEY CARD	BELL		
1	7'-0"	3'-0"	HM	BUILDING STANDARD	NO		WOOD	BUILDING STANDARD	X			X											
2	7'-0"	3'-0"	HM	BUILDING STANDARD	NO		WOOD	BUILDING STANDARD	X				X		X								
3	7'-0"	3'-0"	N/A	N/A	NO		WOOD	BUILDING STANDARD	X				X									SLIDING POCKET DOORS	
4	7'-0"	3'-0"	HM	BUILDING STANDARD	NO		N/A	N/A	X							X						NEW CASED OPENING	
E1	7'-0"	6'-0"	HM	BUILDING STANDARD	NO		GLASS	GLASS			X	X										EXISTING STOREFRONT GLASS DOOR	
E2	7'-0"	3'-0"	HM	BUILDING STANDARD	NO		WOOD	BUILDING STANDARD			X	X											



2970 CLAIRMONT ROAD NE | SUITE 300 | ATLANTA, GA 30329 | 404.233.3533 | FAX: 404.261.5768

REVISION SCHEDULE	
NUMBER	DATE

PROJECT: PERSPIRE SAUNA STUDIO
332 PHARR ROAD
SUITE 1130
ATLANTA, GA 30305

CLIENT: PERSPIRE SAUNA STUDIO
ARCHITECTURAL SHEET



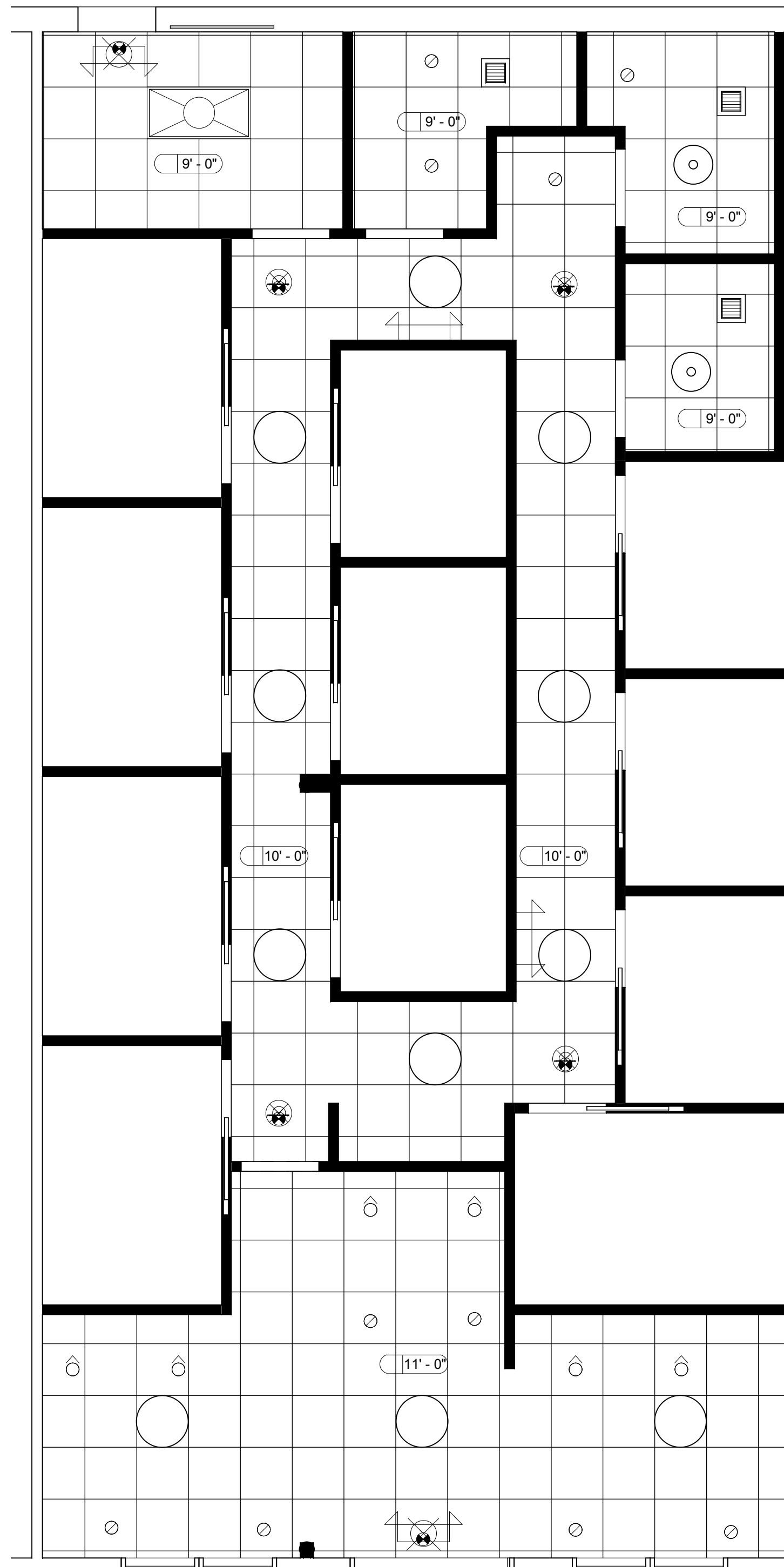
CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 04/19/16
SCALE: As Indicated
DATE: 07/22/2018
DRAWN BY: SB
SHEET NUMBER: A-2.01

NOT RELEASED FOR CONSTRUCTION
RELEASED FOR CONSTRUCTION

REVIEW AND APPROVE

STAMP DATE: 07/31/2018



CEILING TO DECK IN ROOMS WITH SAUNAS.

1 REFLECTED CEILING PLAN
1/4" = 1'-0"

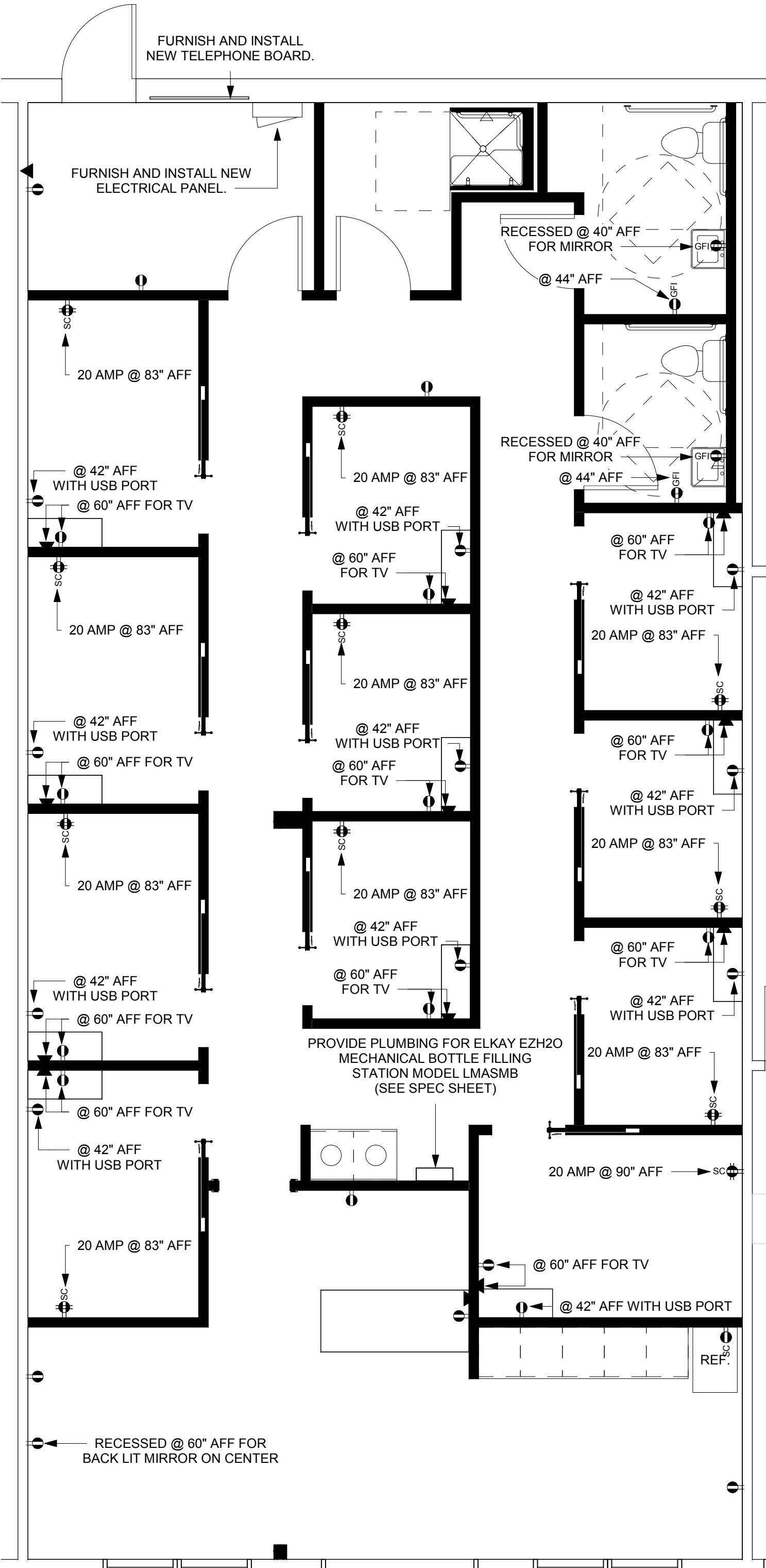
LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	BUILDING STANDARD LAY-IN FLUORESCENT FIXTURE (2 X 4) - POSITION AS INDICATED. (18 CELL PARABOLIC).
	NEW 6" RECESSED DOWNLIGHT LIGHT FIXTURE LITHONIA, #LDN6 6" DOWNLIGHT
	BUILDING STANDARD EXHAUST FAN.
	NEW CIRCULAR PENDANT FIXTURE (24" WIDE) SHAPER #142-24-PIS-120-NA-24, WITH FABRIC KIT #142-24-LBS, DIMMING, CONFIRM COLOR OF SHADE
	NEW 4" RECESSED WALLWASH LIGHT FIXTURE HALO, H4 LED GIMBAL, 4" #H4STICTIE-ELG406-9-30-WH, DIMMING
	NEW CEILING MOUNT DRUM FIXTURE (RESTROOM) SYLVIAN 18" WIDE OATMEAL DRUM CEILING LIGHT
	BUILDING STANDARD EMERGENCY EXIT SIGN WITH BATTERY BACKUP.
	BUILDING STANDARD WALL MOUNTED EMERGENCY EGRESS LIGHT WITH BATTERY BACKUP.
	BUILDING STANDARD COMBINATION EMERGENCY EXIT SIGN / EGRESS LIGHT WITH BATTERY BACKUP.
	"ADD / NEW"
	CEILING TYPE AND HEIGHT TAG
	SEE UTILITY LEGEND FOR SWITCH LOCATIONS

ACOUSTICAL NOTES	
CEILING HEIGHT :	(SEE PLANS) A.F.F. THROUGHOUT, U.N.O.
CEILING TYPE :	A - 2 X 2 ACCOUSTICAL GRID AND TILE
CEILING TYPE :	B - EXPOSED CEILING / OPEN TO STRUCTURE
FURNISH AND INSTALL	BUILDING STANDARD CEILING GRID AND TILE (TO MATCH EXISTING) AS NOTED ON PLAN.

MECHANICAL NOTES	
FURNISH AND INSTALL	T-STATS, DIFFUSERS, SUPPLY AND RETURN AIR, GRILLES, ETC., AS REQUIRED.
FURNISH AND INSTALL	HVAC SYSTEM AS REQUIRED TO COMPLY WITH CURRENT CODE.
REBALANCE ENTIRE SUITE	UPON COMPLETION OF CONSTRUCTION. PROVIDE TEST AND BALANCE REPORT TO LANDLORD / TENANT.
INSTALL EXHAUST FAN	WITH SWITCH WHERE INDICATED. (BATHROOM)
FURNISH AND INSTALL	FIRE DAMPERED RETURN AIR GRILLES AS REQUIRED AT ONE-HOUR FIRE RATED CONSTRUCTION.

SPRINKLER NOTES	
ENGINEER / REWORK	SPRINKLERS AS REQUIRED TO COMPLY WITH NFPA 13.
CONTRACTOR SHALL	MODIFY SPRINKLER LINES AND HEADS AS REQUIRED TO ACCOMMODATE NEW LAYOUT AND PREVAILING CODES.

PLUMBING NOTES	
SHOW WATER LINES	WITH BACKFLOW PER IPC 608.
GENERAL CONTRACTOR	SHALL PATCH / REPAIR / REPLACE MOISTURE BARRIER AS REQUIRED AT ALL SLAB-CUTS FOR PLUMBING.
FURNISH AND INSTALL	DRAINAGE AS REQUIRED AT ALL NEW RAMPS, STAIRS, ETC., ACCORDING TO SITE CONDITIONS.
HANDICAP ACCESSIBLE	WATER CLOSETS SHALL BE 17'-19" A.F.F. TO TOP OF SEAT.
PROVIDE ELECTRIC	HOT WATER HEATER ON A PLATFORM ABOVE CEILING. LOCATION NOTED ON SHEET P-1.01.
HOT WATER AND DRAIN	PIPES UNDER LAVATORIES SHALL BE INSULATED OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.



2 UTILITY PLAN
1/4" = 1'-0"

UTILITY LEGEND			
SYMBOL	EXIST	NEW	DESCRIPTION
			BUILDING STANDARD WALL MOUNTED LOW VOLTAGE "J" BOX WITH 3/4" EMT STUB TO TOP OF WALL WITH PULL STRING. LOCATED 18" A.F.F. UNLESS NOTED OTHERWISE.
			BUILDING STANDARD DUPLEX RECEPTACLE LOCATED 18" A.F.F. UNLESS NOTED OTHERWISE.
			110V / 20A SEPARATE CIRCUIT (DEDICATED) LOCATED 18" A.F.F. UNLESS NOTED OTHERWISE.
			110V / 20A SEPARATE CIRCUIT (DEDICATED) QUADRUPLEX OUTLET. ENGINEER AS REQUIRED.
			110V / 20A QUADRUPLEX OUTLET. NO MORE THAN TWO (2) PER CIRCUIT. ENGINEER AS REQUIRED.
			GROUND-FAULT INTERRUPT DEVICE LOCATED AT 42" A.F.F. UNLESS NOTED OTHERWISE.
			BUILDING STANDARD SINGLE POLE SWITCH - RECIRCUIT AS REQUIRED, RESWITCH AS INDICATED (48" A.F.F. U.N.O.)
			BUILDING STANDARD 3-WAY SWITCH, RECIRCUIT AS REQUIRED, RESWITCH AS INDICATED (48" A.F.F. U.N.O.)
			BUILDING STANDARD EXHAUST FAN SWITCH (48" A.F.F. U.N.O.)
			BUILDING STANDARD DIMMER SWITCH (48" A.F.F. U.N.O.)
			EXISTING COVER PLATES TO REMAIN.

ELECTRICAL NOTES

GENERAL CONTRACTOR TO PATCH (HOT-PATCH) EXISTING UNUSED POWER / TELEPHONE / DATA OUTLETS AS REQUIRED (CAP ELECTRICAL TO SOURCE AS REQUIRED). COORDINATE WITH TENANT.

GENERAL CONTRACTOR TO VERIFY ELECTRICAL CAPACITY ON FLOOR. UPGRADE AS REQUIRED FOR WORK SHOWN.

RE-CIRCUIT ALL ELECTRICAL AS REQUIRED / SHOWN TO COMPLY WITH NATIONAL ELECTRIC CODE (N.E.C.).

ALL ELECTRICAL WORK EXECUTED SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (N.E.C.) OR PREVAILING ISSUANCE RECOGNIZED BY CITY AND / OR COUNTY.

ALL DATA AND TELEPHONE CABLING SHALL BE THE RESPONSIBILITY OF THE TENANT'S OWN VENDOR AND IS NOT INCLUDED UNDER THIS CONTRACT.

UPGRADE LIFE SAFETY SYSTEMS AS REQUIRED TO COMPLY WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND / OR LIFE SAFETY CODE 2012.

EXTEND 3/4" CONDUIT INSIDE PARTITION FROM TELEPHONE/FAX OUTLET TO ABOVE CEILING.

ALL DEDICATED OUTLETS SHALL BE ENGRAVED / IDENTIFIED ON COVER PLATES WITH PANEL AND CIRCUIT NUMBER.

SUBCONTRACTOR TO LABEL ALL PANELS. ALL ELECTRICAL OUTLETS SHALL BE IDENTIFIED ON COVER PLATES WITH PANEL AND CIRCUIT NUMBER.

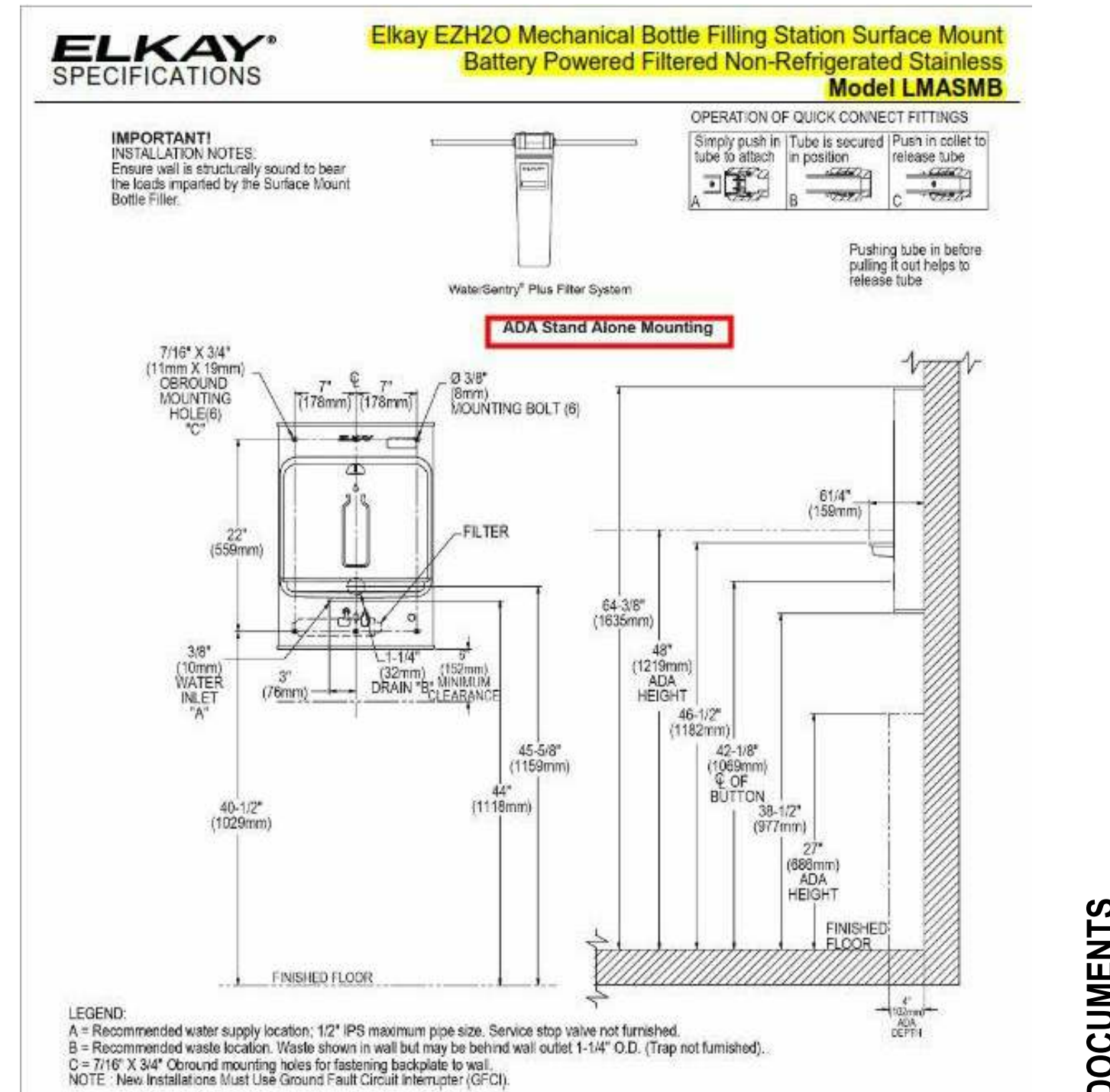
INSTALL PLYWOOD PHONE BOARD WITH ISOLATED GROUND DEDICATED OUTLET @ 84" A.F.F. U.N.O.

ALL CABLING IN RETURN AIR PLENUM TO BE TEFLON COATED (IF APPLICABLE).

FURNISH AND INSTALL EMPTY METAL TUBING FROM BUILDING TELEPHONE ROOM TO TENANT PHONE BOARD. SPACES LESS THAN 10,000 SQUARE FEET (1" DIA. E.M.T.), SPACES GREATER THAN 10,000 SQUARE FEET (2" DIA. E.M.T.).

ALL OUTLETS SHOWN ARE NEW.

WATER RE-FILL STATION SPEC SHEET



LEGEND:

A = Recommended water supply location; 1/2" IPS maximum pipe size. Service stop valve not furnished.

B = Recommended waste location. Waste shown in well but may be behind wall outlet 1-1/4" O.D. (Trap not furnished).

C = 7/16" X 3/4" Round mounting holes for fastening backplate to wall.

NOTE: New installations must use Ground Fault Circuit Interrupter (GFCI).

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ARCHITECTURE | INTERIOR DESIGN | SPACE PLANNING

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PERSPIRE SAUNA STUDIO

332 PHARR ROAD
SUITE 1738
ATLANTA, GA 30305

PROJECT: REFLECTED CEILING/UTILITY SHEET

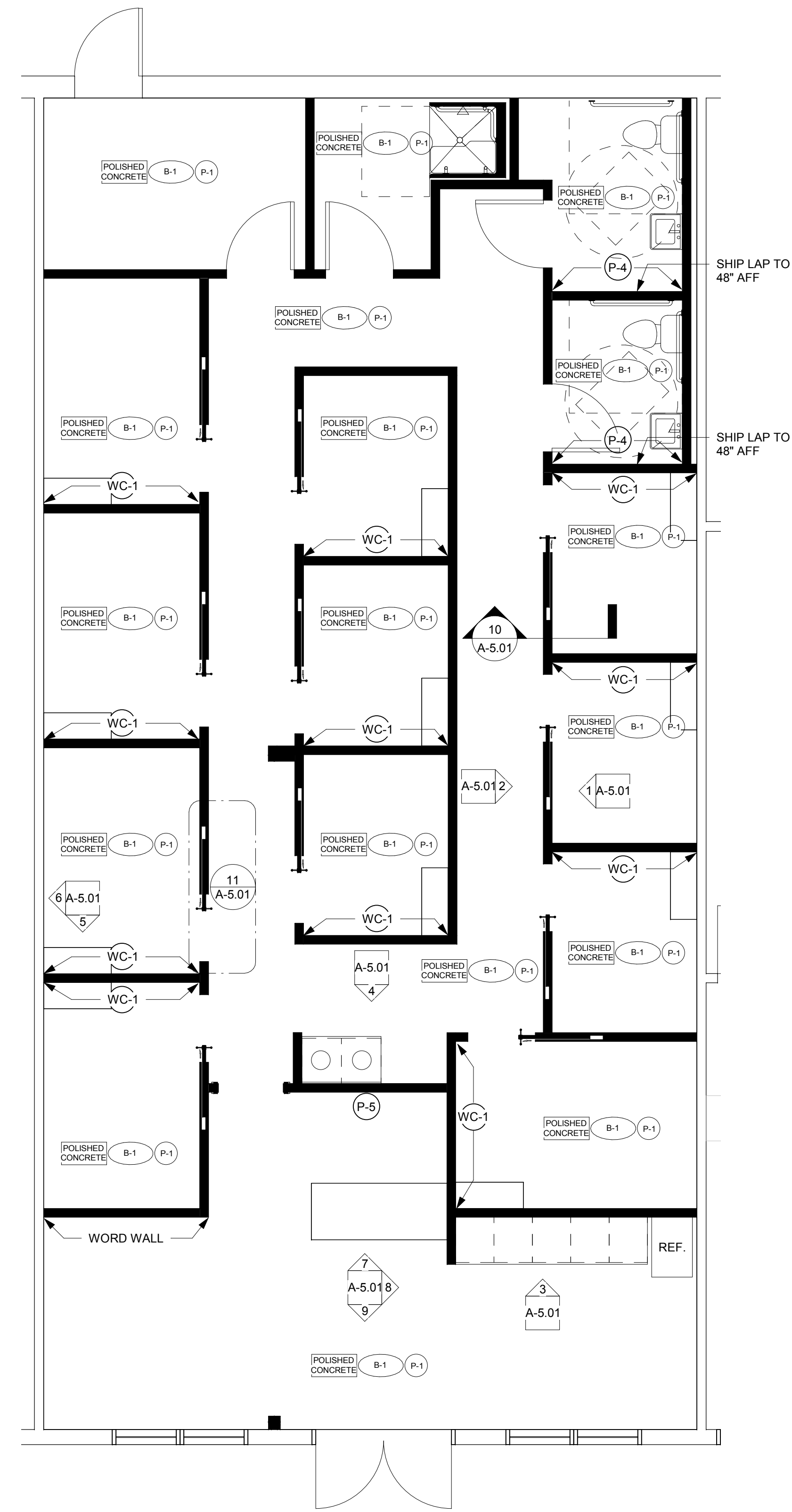
CLIENT: PERSPIRE SAUNA STUDIO

STAMP: GEORGIA ARCHITECTURE BOARD
Matthew DeLeon
REGISTERED ARCHITECT
NO. 10000
STAMP DATE: 07/31/2018

CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 04-073-16
SCALE: As indicated
DATE: 07/22/2018
DRAWN BY: SB
SHEET NUMBER: A-3.01

REVIEW AND APPROVE: NOT RELEASED FOR CONSTRUCTION
RELEASED FOR CONSTRUCTION:



1 FINISH PLAN
1/4" = 1'-0"

FINISH LEGEND				
SYMBOL	MATERIAL	MANUFACTURER	PRODUCT NUMBER/ DESCRIPTION	LOCATION
(P-1)	EGGSHELL LATEX PAINT	DUNN EDWARDS	DEW341 SWISS COFFEE	ALL INTERIOR PARTITIONS U.N.O
(P-2)	EGGSHELL LATEX PAINT	DUNN EDWARDS	DE6375 CASTLEROCK	ALL DOOR AND DOOR FRAMES
(P-3)	SEMI GLOSS PAINT	DUNN EDWARDS	DEW341 SWISS COFFEE	ALL BASEBOARDS
(P-4)	SEMI GLOSS PAINT	DUNN EDWARDS	DEC796 IROGON BLUE	RESTROOM WALLS ABOVE SHIP LAP
(P-5)	FLAT LATEX PAINT	DUNN EDWARDS	DEW341 SWISS COFFEE	CEILING STRUCTURE
(WC-1)	DOT DECAL	CONTACT LEE BRAUN (734) 915-0980	SEE DOT DECAL IMAGE	INSIDE SAUNA ROOMS AS NOTED ON PLAN
(B-1)	BASE		1/2" X 4 1/4" BULLNOSE MDF BASE PAINTED P-3	AS NOTED ON PLAN
(CW)	CEDAR WOOD	CONTACT LEE BRAUN (734) 915-0980	CLEAR WESTERN RED CEDAR	AS NOTED ON PLAN
(QUARTZ)	QUARTZ	LG HAUSYS VIATERA	SNOW STORM 3/4" SLAB	AS NOTED ON PLAN
(SL)	SHIP LAP		6" WHITE PINE WOOD SHIP LAP WALL PLANKS PAINT COLOR TBD	AS NOTED ON PLAN

FINISH NOTES

NOTE: WHERE MATERIAL ALLOWANCE IS PROVIDED, ALLOWANCE INDICATES COST OF MATERIAL ONLY AND DOES NOT INCLUDE ITEMS LIKE: FREIGHT, SHIPPING, INSURANCE, HANDLING, STORAGE, BACKING, CONTRACTORS MARK-UPS AND OTHER ANCILLARY COSTS.

ALL FINISHES SHALL BE TYPE / CLASS "B" OR BETTER.

PREP ALL SURFACES TO MEET MANUFACTURER'S INSTALLATION SPECIFICATION.

CARPET TO BE DIRECT GLUE, U.N.O.

PROVIDE VINYL TRANSITION STRIPS AT ALL FLOOR FINISH CHANGES. TRANSITION STRIP SHALL BE INSTALLED AT CENTERLINE OF DOOR AND COLOR SHALL MATCH RUBBER BASE.

DOORS TO HAVE BUILDING STANDARD (STAIN / PAINT) FINISH TO MATCH EXISTING.

FURNISH AND INSTALL PAINT AND RUBBER COVE BASE THROUGHOUT AS NOTED. ALL VINYL OR RUBBER BASE SHALL BE CONTINUOUS ROLL GOODS.

PRIOR TO BEGINNING INSTALLATION, EXAMIN SUBSTRATE AND CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. THE INSTALLER/APPLICATOR SHALL NOTIFY THE CONTRACTOR IN WRITING, WITH A COPY TO THE ARCHITECT, IF SUBSTRATE IS UNSATISFACTORY. DO NOT BEGIN WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED IN A MANNER ACCEPTABLE TO INSTALLER. UPON RECEIPT OF GOODS AND BEFORE CUTTING OR INSTALLING, EXAMINE ALL MATERIALS TO INSURE THAT GOODS ARE FREE OF ALL DEFECTS, STREAKING, SNAGS, TEARS, STAINS, MILDEW AND OTHER SIMILAR DEFECTS. INSPECT ALL MATERIAL FOR CORRECTNESS OF COLOR, PATTERN, FIBER CONTENT AND BACKING MATERIAL. BEGINNING OF WORK INDICATES ACCEPTANCE OF THE SUBSTRATE AND THE MATERIALS AS SATISFACTORY BY THE INSTALLER.

INSTALL BUILDING STANDARD MATERIALS, FINISHES AND HANDICAP ACCESSIBLE FIXTURES IN TENANT RESTROOMS INCLUDING MIRROR, GRAB BARS, PAPER TOWEL DISPENSER/WASTE CAN, TOILET PAPER DISPENSER (1 PER WATER CLOSET)

WALLS AND PARTITIONS WITHIN 2 FEET OF SERVICE SINKS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF NOT LESS THAN 4 FEET ABOVE THE FLOOR. THE MATERIALS USED IN SUCH WALL SHALL BE OF A TYPE NOT ADVERSELY AFFECTED.

FURNISH AND INSTALL (2) COATS FLAT LATEX PAINT AT ALL GYPSUM DRY WALL SURFACES TO BE PAINTED U.N.O.

PAINT ALL WOOD TRIM AND OTHER WOOD SURFACES WITH (2) COATS ALKYD SEMI-GLOSS FINISH ENAMEL PAINT.

FURNISH AND INSTALL BUILDING STANDARD MINI-BLINDS AT PERIMETER OF STOREFRONT, TYPICAL.

CONTRACTOR SHALL WET CLEAN AND SEAL CONCRETE FLOOR.

RESTROOM ACCESSORY LEGEND				
FIXTURE	QUANTITY	MANUFACTURER	PRODUCT NUMBER	PRODUCT DESCRIPTION
TOILET PAPER DISPENSER	2	BOBRICK - OR EQUAL	B-274	TOILET TISSUE DISPENSER FOR TWO ROLLS
PAPER TOWEL DISPENSER/WASTE CAN DISPENSER	2	BOBRICK - OR EQUAL	B-3979	SURFACE MOUNTED CONVERTIBLE AUTOMATIC UNIVERSAL ROLL PAPER DISPENSER AND WASTE.
SOAP DISPENSER	2	GEORGIA PACIFIC - OR EQUAL	42054	GP ENMOTION BRUSHED STAINLESS STEEL AUTOMATED TOUCHLESS SOAP DISPENSER.
GRAB BAR (42")	2	BOBRICK	B.6106.42	
GRAB BAR (36")	2	BOBRICK	B.6106.36	
MIRROR	2	RENIN	200169-NL	CAPRI 31.5 IN. X 23.5 IN HARDWIRED LED ILLUMINATED BACKLIT MIRROR
FAUCET	2	DELTA FAUCET	553LF	SINGLE HANDLE BATHROOM FAUCET VERO
SINK	2	KOHLER	K-2035-1	PINOIR WALL-MOUNT BATHROOM SINK
TOILET	2	KOHLER	K-3658	HIGHLINE CLASS FIVE TOILET
SHOWER	1	KOHLER	K-12101-C	FREEWILL 45" X 37-1/4" SHOWER STALL

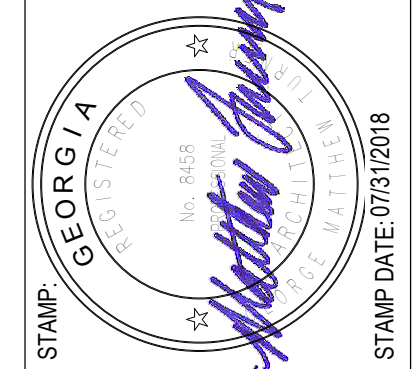


2970 CLAIRMONT ROAD NE | SUITE 300 | ATLANTA, GA 30329 | 404.233.3533 | FAX 404.261.5768

REVISION SCHEDULE	
NUMBER	DATE

PROJECT: **PERSPIRE SAUNA STUDIO**
332 PHARR ROAD
ATLANTA, GA 30305

CLIENT: **PERSPIRE SAUNA STUDIO**
FINISH SHEET



CONSTRUCTION DOCUMENTS

PROJECT NUMBER: 04-073-16
SCALE: As indicated
DATE: 07/22/2018
DRAWN BY: SB
SHEET NUMBER: A-4.01

REVIEW AND APPROVE: NOT RELEASED FOR CONSTRUCTION
RELEASED FOR CONSTRUCTION:

ELECTRICAL SPECIFICATIONS:

1. THE PLANS ACCOMPANYING THESE SPECIFICATIONS ARE GENERALLY DIAGRAMMATIC AND DO NOT SHOW ALL DETAILS REQUIRED FOR THE COMPLETE WORK. ESTABLISH DETAILS OF THE WORK AS NECESSARY TO PROVIDE FOR THE COMPLETE INSTALLATION OF SYSTEMS AND MATERIALS. ARRANGE THE WORK SO AS TO AVOID INTERFERENCE WITH OTHER BUILDING COMPONENTS OR SYSTEMS AS ACTUALLY INSTALLED. LAY OUT THE WORK AND BE RESPONSIBLE FOR LOCATIONS, LEVELS, GRADES, AND ARCHITECTURAL OR STRUCTURAL FEATURES SUCH AS BEAMS, FIRE BARRIERS, CEILING TYPES AND HEIGHTS, SLAB OR WALL THICKNESS, CABINET HEIGHTS, OR DOOR SWINGS. DO NOT SCALE THE PLANS FOR ANY DIMENSION. VERIFY DIMENSIONS BEFORE STARTING WORK AND REPORT ANY DISCREPANCY OR INTERFERENCE TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION.

2. PROVIDE A LICENSED MASTER ELECTRICIAN TO DEVELOP DETAILS OF THE WORK FOR EACH SYSTEM, AND IF REQUIRED TO CERTIFY SAID WORK TO BUILDING OFFICIALS. PERFORM WORK ON A SCHEDULE AS NECESSARY TO INTERFACE WITH OTHER TRADES.

3. WORK SHALL BE FURNISHED AND INSTALLED AS A MINIMUM IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS AND RECOMMENDATIONS OF THE LATEST LOCALLY ADOPTED EDITION OF THE FOLLOWING CODES AND STANDARDS:

4. NATIONAL ELECTRICAL CODE (NEC), NFPA-70.
5. OTHER NFPA STANDARDS APPLICABLE TO THIS PROJECT.
6. NEMA, IEEE, AND ANSI STANDARDS APPLICABLE TO THIS PROJECT.
7. U.L. STANDARDS AND LISTING REQUIREMENTS.
8. FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, CODES, AND RULINGS OF BUILDING OFFICIALS HAVING JURISDICTION, INCLUDING BUT NOT LIMITED TO THE GEORGIA STATE BUILDING CODE.

9. MATERIALS FURNISHED SHALL BE NEW. MATERIALS SHALL BE MANUFACTURER'S STANDARD ESTABLISHED PRODUCT LINE, AND SHALL BE LISTED AND LABELED FOR THE APPLICATION BY UNDERWRITER'S LABORATORIES (UL), OR SHALL BE CERTIFIED BY OTHER APPROVED LABORATORY OR BY THE BUILDING OFFICIAL HAVING JURISDICTION.

10. CONDUCTORS FOR BRANCH CIRCUITS SHALL BE COPPER WITH 600V TYPE THWN INSULATION. CONDUCTORS SHALL BE STRANDED FOR SIZES #8 AND LARGER; SOLID FOR SIZES #10 AND SMALLER. BRANCH CIRCUIT CONDUCTORS SHALL BE #12 MINIMUM SIZE. CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE REQUIREMENTS. LIGHTING AND POWER WIRING FOR CIRCUITS LESS THAN 100 FEET SHALL BE #12 AWG, UNLESS NOTED, WIRE SIZES SHALL BE #10 FOR CIRCUITS GREATER THAN 100 FEET. NOT MORE THAN (3) LIGHTING OR CONVENIENCE OUTLET CIRCUITS IN ONE CONDUIT UNLESS OTHERWISE NOTED.

ELECTRICAL SYSTEMS, EQUIPMENT, AND SUPPORTING STRUCTURES SHALL BE EFFECTIVELY GROUNDED. BONDING JUMPERS SHALL BE PROVIDED WHERE NECESSARY. METAL ELECTRICAL RACEWAYS AND FITTINGS, JOINTS AND CONNECTIONS AT EQUIPMENT SHALL BE MECHANICALLY AND ELECTRICALLY SECURED TO PROVIDE AN APPROVED EQUIPMENT OR ENCLOSURE GROUNDING MEANS, EVEN WHEN NO OTHER SEPARATE GROUNDING MEANS ARE ALSO PROVIDED EITHER INHERENTLY OR BY BONDING. PROVIDE INSULATED GROUNDING CONDUCTORS IN ALL CONDUITS. GROUND WIRE TO BE SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 250.122.

11. WHERE REQUIRED, CONDUITS SHALL BE ELECTRICAL METALLIC TUBING (EMT) EXCEPT FOR THE FOLLOWING CONDITIONS:

- a. CONDUITS WHICH PENETRATE THE BUILDING ROOF OR EXTERIOR SHALL BE GALVANIZED RIGID STEEL (GRS) OR INTERMEDIATE METAL CONDUIT (IMC).
- b. CONDUITS INSTALLED WITHIN CONCRETE SLABS SHALL BE GRS, IMC, OR SCHEDULE 40 HEAVY WALL PVC. WHERE TRANSITION IS MADE FROM RACEWAY IN SLAB TO ANY TYPE OF RACEWAY OUT OF SLAB, MAKE TRANSITION WITH A RIGID GALVANIZED ELBOW.
- c. CONDUITS INSTALLED IN DIRECT CONTACT WITH EARTH SHALL BE SCHEDULE 40 PVC.
- d. TYPE MC CABLE SHALL BE ALLOWED WITHIN WALLS TO RECEPTACLES AND NOT BE USED ABOVE CEILING FOR ANY BRANCH CIRCUIT WORK EXCEPT FOR FINAL CONNECTIONS TO LIGHT FIXTURES IN LENGTHS OF 6' OR LESS. MAINTAIN GROUND CONTINUITY THROUGH FLEXIBLE CONDUIT WITH A GREEN EQUIPMENT GROUNDING CONDUCTOR. LIQUID-TIGHT FLEXIBLE CONDUIT SHALL BE USED IN EXTERIOR INSTALLATIONS, AND IN KITCHEN AND LAUNDRY AREAS.

12. EMT CONDUIT COUPLINGS AND CONNECTORS SHALL BE STEEL RAIN-TIGHT TYPE. ALL EMT CONNECTORS SHALL BE INSULATED THROAT TYPE. GRS AND IMC FITTINGS SHALL BE STANDARD THREADED COUPLINGS, LOCKNUTS, BUSHINGS, AND ELBOWS. ALL GRS AND IMC FITTINGS SHALL BE STEEL OR MALLEABLE IRON; SET SCREW OR NON-THREADED FITTINGS ARE NOT PERMITTED. NON-METALLIC CONDUIT FITTINGS SHALL BE OF THE SAME MATERIAL AS THE CONDUIT FURNISHED AND SHALL BE THE PRODUCT OF THE SAME MANUFACTURER.

13. FOR GENERAL WIRING IN ORDINARY LOCATIONS FOR POWER AND LIGHTING CIRCUITS, CONDUCTORS SHALL BE RATED 60 HERTZ, 600 VOLTS, WITH 75°C OR 90°C INSULATION AS FOLLOWS:

- a. WET LOCATIONS: THW, THWN, OR XHHW.
- b. DRY LOCATIONS: THW, THWN, XHHW, OR THHN.
- c. CONDUCTORS FOR CIRCUITS REQUIRING 90°C OR HIGHER RATING, SHALL BE OF THHN OR XHHW AS APPLICABLE, OR OTHER APPROVED TYPE.

13. INSULATION RATED FOR 90°C SHALL BE USED WHERE NECESSARY DUE TO THE TEMPERATURE RATING OF CONNECTED EQUIPMENT, THE AMBIENT SPACE, THE GROUPING OF CONDUCTORS, OR OTHER REASON. JOINTS ON CONDUCTORS RATED ABOVE 75°C SHALL BE TAPED OR MADE-UP WITH MATERIALS HAVING A SUITABLE HIGH TEMPERATURE RATING.

14. RACEWAYS AND CABLE SHALL BE INSTALLED CONCEALED, EXCEPT THAT RACEWAYS DESIGNED ONLY FOR SURFACE MOUNTING.

15. JUNCTION OR PULL BOXES SHALL BE PROVIDED WHERE INDICATED OR WHERE NECESSARY TO AVOID EXCESSIVE RUNS OR TOO MANY BENDS BETWEEN OUTLETS.

16. EXPOSED RACEWAYS SHALL BE PARALLEL OR PERPENDICULAR TO STRUCTURAL MEMBERS OR ARCHITECTURAL FEATURES. CONCEALED CONDUIT RACEWAYS SHALL BE RUN IN A DIRECT MANNER WITH AS FEW BENDS AS FEASIBLE, AND SHALL BE COORDINATED WITH STRUCTURAL, MECHANICAL AND ARCHITECTURAL REQUIREMENTS.

17. RACEWAY OR CABLE, ETC. THAT PENETRATES A FIRE BARRIER, SUCH AS FIRE OR SMOKE RATED SLAB, WALL, CEILING, OR OTHER ELEMENT, SHALL BE INSTALLED WITH MATERIALS AND METHODS APPROVED FOR THE APPLICATION BY LOCAL BUILDING OFFICIALS. BE RESPONSIBLE FOR IDENTIFYING EACH FIRE BARRIER FROM THE ARCHITECTURAL PLANS, AND FOR SECURING APPROVAL OF MATERIALS AND METHODS TO BE USED FOR EACH TYPE PENETRATION.

18. ELECTRICAL SYSTEMS, EQUIPMENT, AND SUPPORTING STRUCTURES SHALL BE EFFECTIVELY GROUNDED. BONDING JUMPERS SHALL BE PROVIDED WHERE NECESSARY. PROVIDE INSULATED GROUNDING CONDUCTORS IN ALL CONDUITS.

19. DISTRIBUTION EQUIPMENT SHALL BE GENERAL ELECTRIC, SIEMENS, SQUARE-D, CUTLER-HAMMER/WESTINGHOUSE. THE ACTUAL AVAILABLE FAULT CURRENT SHALL BE VERIFIED WITH THE SERVING UTILITY COMPANY AND CIRCUIT BREAKERS WITH INTERRUPTING CAPACITIES (RMS SYMMETRICAL) WHICH MEET OR EXCEED THE AVAILABLE FAULT CURRENT SHALL BE PROVIDED. SERIES-RATED DEVICES (PER U.L. TESTING PROCEDURES) ARE ACCEPTABLE.

20. LIGHTING FIXTURES SHALL BE AS INDICATED, COMPLETE WITH BALLASTS AND LAMPS. VERIFY CEILING CONSTRUCTION BEFORE ORDERING FIXTURES AND PROVIDE MOUNTING ACCESSORIES WITHOUT ADDITIONAL COST. VERIFY ALL DOOR SWINGS BEFORE INSTALLING LIGHT SWITCHES.

SCHEDULE OF PANEL LA

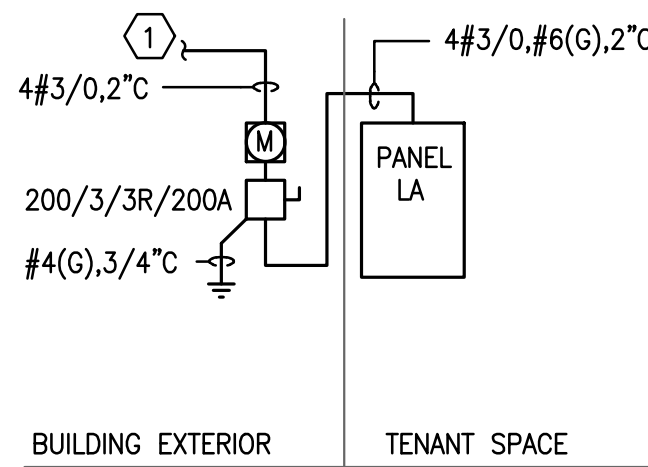
CKT	SERVES	LOAD (KVA)								LOAD (KVA)								SERVES	CKT	
		LTS	REC	HTG	A/C	MTR	MISC	BKR	A	B	C	BKR	MISC	MTR	A/C	HTG	REC			LTS
1	GENERAL LTC./EF-1,2,3	1.3	-	-	-	0.3	-	20											SAUNA C DED REC.	2
3	WH-1			4.0				25											SAUNA C DED REC.	4
5								2											SAUNA C DED REC.	6
7	RTU-1					11.5		50											SAUNA C DED REC.	8
9																			SAUNA 3 DED REC.	10
11								3											SAUNA 3 DED REC.	12
13	TBB		0.2																SAUNA 3 DED REC.	14
15	SPARE																		SAUNA 3 DED REC.	16
17	SPARE																		SAUNA 3 DED REC.	18
19	SPARE																		SAUNA 3 DED REC.	20
21	SPARE																		ADA SAUNA DED REC.	22
23	SPARE																		SAUNA GEN REC.	24
25	SPARE																		SAUNA GEN REC.	26
27	SPARE																		SAUNA GEN REC.	28
29	SPARE																		SAUNA GEN REC.	30
31	SPARE																		SAUNA GEN REC.	32
33	SPARE																		SAUNA GEN REC.	34
35	SPARE																		GENERAL REC.	36
37	SPARE																		RESTROOM REC.	38
39	SPARE																		ENTRY REC.	40
41	SPARE																		ENTRY REF.	42
TOTALS		1.3	0.2	4.0	11.5	0.3	-													TOTALS

TOTAL CONNECTED: 28.1KVA
TOTAL DEMAND: 28.0KVA (77.7 AMPS)

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

UNIT	LOCATION	VOLTS	PHASE	HP	HEAT (KW)	CKT BREAKER	DISCONNECT	LOAD (KVA)	COND./WIRE	CIRCUIT	NOTE
RTU-1	AS SHOWN	208	3	-	-	50/3	60/3/3R/50A	11.5	3#8,#10(G),3/4"	LA-7,9,11	1,2
EF-1	AS SHOWN	120	1	-	-	20/1	MOTOR RATED SWITCH	0.1	2#12,#12(G),1/2"	LA-1	1,2,3
EF-2	AS SHOWN	120	1	-	-	20/1	MOTOR RATED SWITCH	0.1	2#12,#12(G),1/2"	LA-1	1,2,3
EF-3	AS SHOWN	120	1	-	-	20/1	MOTOR RATED SWITCH	0.1	2#12,#12(G),1/2"	LA-1	1,2,3
WH-1	AS SHOWN	208	1	-	4.0	25/2	30/2/1	4.0	2#10,#10(G),3/4"	LA-3,5	1,2

- NOTES: 1. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF EQUIPMENT DESCRIBED. REFER TO PANELBOARD SCHEDULES FOR CIRCUIT CONNECTIONS. WHERE FUSIBLE DISCONNECT SWITCHES ARE SPECIFIED, PROVIDE FUSING PER EQUIPMENT MANUFACTURER RECOMMENDATIONS OR U.L. LISTING REQUIREMENTS.
2. COORDINATE DISCONNECT AND/OR STARTER REQUIREMENTS WITH MECHANICAL CONTRACTOR.
3. PROVIDE INDIVIDUAL OVERLOAD PROTECTION PER MANUFACTURERS RECOMMENDATION.



① ONE LINE DIAGRAM
N.T.S.

KEY NOTES

- ① COORDINATE TENANT SERVICE WITH LANDLORD AND UTILITY COMPANY. COORDINATE EXACT LOCATION AND METERING REQUIREMENTS. ESTIMATED AVAILABLE FAULT CURRENT AT THE SECONDARY OF THE TRANSFORMER 52,100A. COORDINATE FINAL AIC RATINGS OF ALL EQUIPMENT WITH TRANSFORMER PROVIDED.

COMcheck Software Version 4.0.7.0
Interior Lighting Compliance Certificate

Project Information

Energy Code: 90.1 (2007) Standard
Project Title: Perspire Sauna Studio
Project Type: New Construction

Construction Site: 322 Pharr Road, Atlanta, GA 30305
Owner/Agent:
Designer/Contractor:

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Office	1783	1.00	1783
Total Allowed Watts =			1783

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Office				
LED 1: Circular Pendant: Other:	1	11	40	440
LED 2: Downlight: Other:	1	10	20	200
LED 3: Wallwash: Other:	1	6	13	78
Linear Fluorescent 1: 2x4' 48" T8 32W: Electronic:	2	1	54	54
Incandescent 1: Restroom Fixture: Other:	4	2	240	480
Total Proposed Watts =			1252	

Interior Lighting PASSES: Design 30% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2007) Standard requirements in COMcheck Version 4.0.7.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Christian Aybar - Elec Engineer

Name - Title

Signature

Date 7/27/18

Project Title: Perspire Sauna Studio
Data filename: G:\Perspire Sauna\Comcheck.cck

Report date: 07/27/18
Page 1 of 5

HUGHES TURNER PHILLIPS
ARCHITECTURE | INTERIOR DESIGN | SPACE PLANNING
2970 CLAIRMONT ROAD, NE SUITE 3001 ATLANTA, GA 30329 | 404-253-3533 | FAX 404-261-5768

REVISION SCHEDULE	COMMENTS
NUMBER	DATE

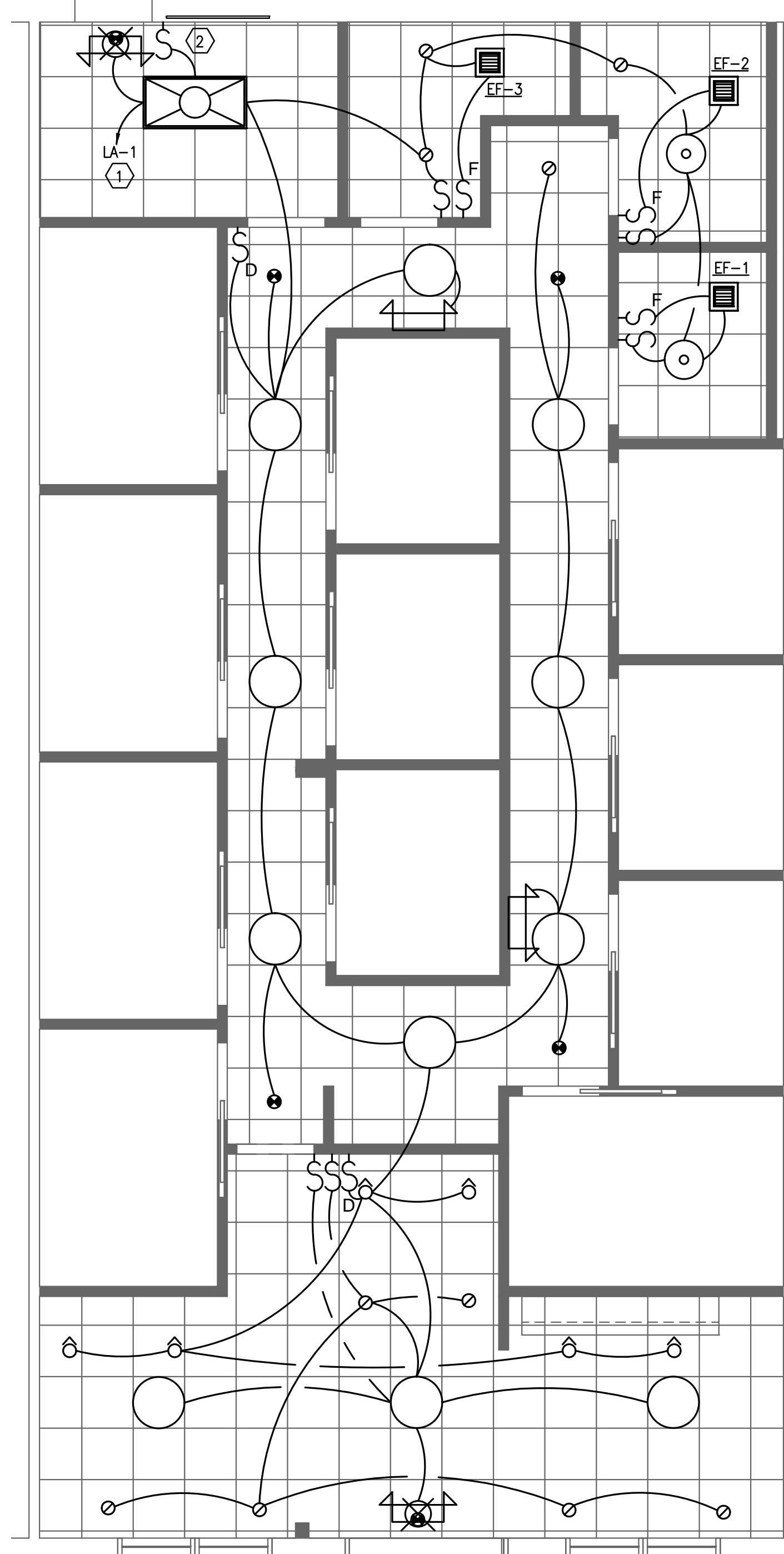
PROJECT: **PERSPIRE SAUNA STUDIO**
322 PHARR ROAD ATLANTA, GA 30305

CLIENT: **PERSPIRE SAUNA STUDIO**
SCHEDULES AND DETAILS

STAMP: **GEORGIA REGISTERED PROFESSIONAL ENGINEER**
NO. 34114
CHRISTIAN R. AYBAR

CONSTRUCTION DOCUMENTS
SCALE: As indicated
DRAWN BY: CRA
REVIEW AND APPROVE: NOT RELEASED FOR CONSTRUCTION
 RELEASED FOR CONSTRUCTION
PROJECT NUMBER: 04/073/18
DATE: 07/27/2018
SHEET NUMBER: E-1.01

Beach Engineering Solutions Team
Mechanical, Electrical & Plumbing Engineering
(878) 665-3280
project number: 18-302



1 REFLECTED CEILING PLAN
1/4" = 1'-0"

LIGHTING LEGEND

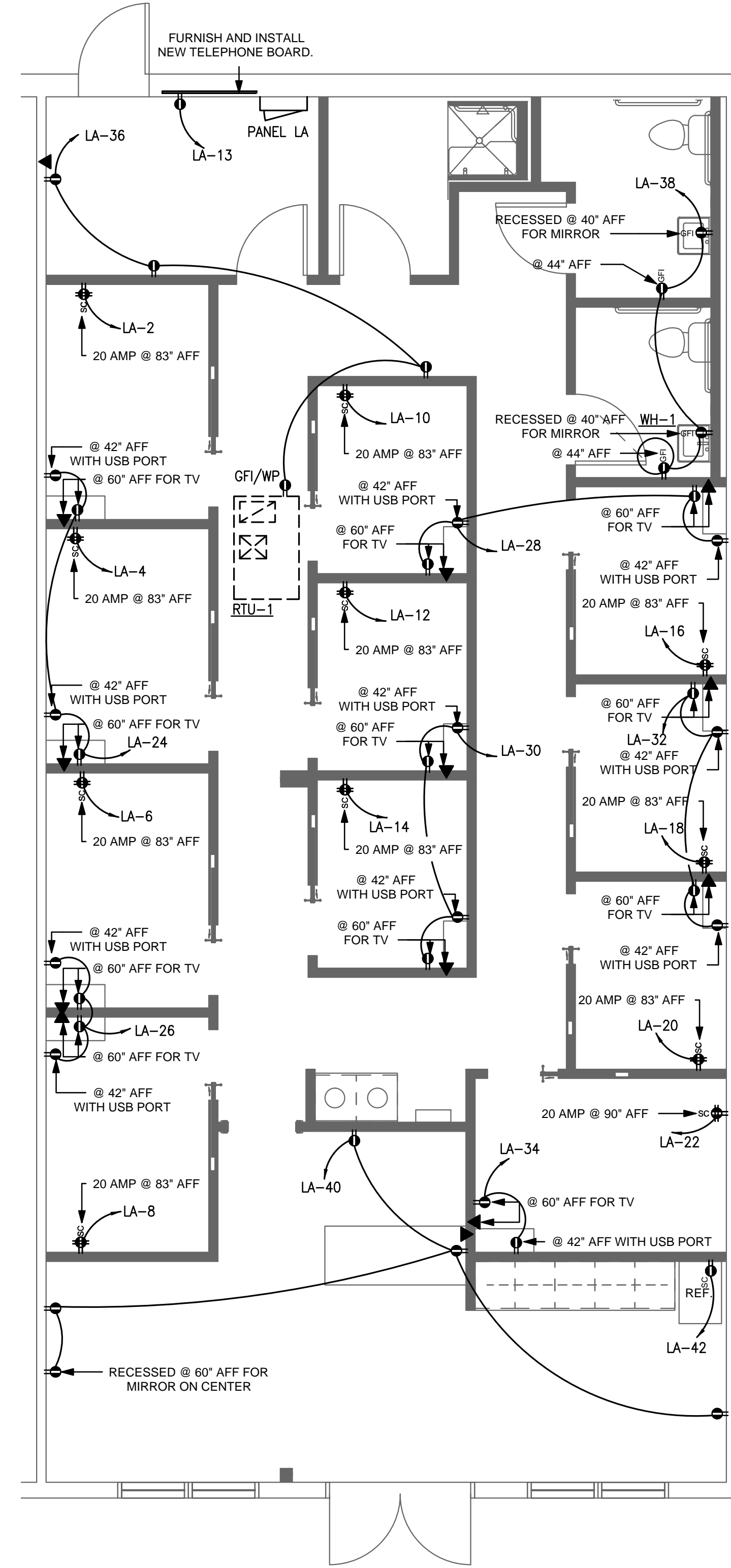
SYMBOL	DESCRIPTION
	BUILDING STANDARD LAY-IN FLUORESCENT FIXTURE (2 X 4) - POSITION AS INDICATED. (18 CELL PARABOLIC).
	NEW 6" RECESSED DOWNLIGHT LIGHT FIXTURE LITHONIA, #LDN6 6" DOWNLIGHT
	BUILDING STANDARD EXHAUST FAN.
	NEW CIRCULAR PENDANT FIXTURE (24" WIDE) SHAPER #142-24-PIS-120-NA-24, WITH FABRIC KIT #142-24-LBS, DIMMING, CONFIRM COLOR OF SHADE
	NEW 4" RECESSED WALLWASH LIGHT FIXTURE HALO, H4 LED GIMBAL 4" #H4STICTIE-ELG406-9-30-WH, DIMMING
	NEW CEILING MOUNT DRUM FIXTURE (RESTROOM) SYLVIAN 18" WIDE OATMEAL DRUM CEILING LIGHT
	BUILDING STANDARD EMERGENCY EXIT SIGN WITH BATTERY BACKUP.
	BUILDING STANDARD WALL MOUNTED EMERGENCY EGRESS LIGHT WITH BATTERY BACKUP.
	BUILDING STANDARD COMBINATION EMERGENCY EXIT SIGN / EGRESS LIGHT WITH BATTERY BACKUP.
	"ADD / NEW"

GENERAL NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR LIGHTING FIXTURE SCHEDULE.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.
- ALL EXIT SIGNS AND EGRESS LIGHTS SHALL BE UNSWITCHED UNLESS NOTED OTHERWISE.
- PROVIDE GFCI PROTECTION FOR ALL DEVICES LOCATED WITHIN 6' OF A SINK. WHERE GFCI DEVICES ARE PROVIDED, THEY SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION.
- DEVICES LOCATED WITHIN THE KITCHEN/BREAK ROOM AREA SHALL BE GFI PROTECTED PER NEC 210.8(B).

KEY NOTES

- ROUTE CIRCUIT THROUGH LIGHTING CONTACTOR. CONTACTOR SHALL BE CONTROLLED BY TIMECLOCK. TIMECLOCK SHALL BE 24 HOUR 7 DAY WITH CARRYOVER; INTERMATIC ET1705C SERIES OR EQUAL BY PARAGON OR TORK. LOCATE TIMECLOCK ADJACENT TO PANEL.
- PROVIDE 0-2 HOUR DIGITAL TIMER OVERRIDE SWITCH TO OVERRIDE LIGHTS CONTROLLED BY TIMECLOCK. LABEL SWITCH "TIMECLOCK OVERRIDE SWITCH". INTERMATIC #E1235 OR EQUAL BY PARAGON OR TORK.



2 UTILITY PLAN
1/4" = 1'-0"

UTILITY LEGEND

SYMBOL	EXIST	NEW	DESCRIPTION
			BUILDING STANDARD WALL MOUNTED LOW VOLTAGE "J" BOX WITH 3/4" EMT STUB TO TOP OF WALL WITH PULL STRING. LOCATED 18" A.F.F. UNLESS NOTED OTHERWISE.
			BUILDING STANDARD DUPLEX RECEPTACLE LOCATED 18" A.F.F. UNLESS NOTED OTHERWISE.
			110V / 20A SEPARATE CIRCUIT (DEDICATED) LOCATED 18" A.F.F. UNLESS NOTED OTHERWISE.
			110V / 20A SEPARATE CIRCUIT (DEDICATED) QUADRUPLEX OUTLET. ENGINEER AS REQUIRED.
			110V / 20A QUADRUPLEX OUTLET. NO MORE THAN TWO (2) PER CIRCUIT. ENGINEER AS REQUIRED.
			GROUND-FAULT INTERRUPT DEVICE LOCATED AT 42" A.F.F. UNLESS NOTED OTHERWISE.
			BUILDING STANDARD SINGLE POLE SWITCH - RECIRCUIT AS REQUIRED, RESWITCH AS INDICATED (48" A.F.F. U.N.O.)
			BUILDING STANDARD 3-WAY SWITCH, RECIRCUIT AS REQUIRED, RESWITCH AS INDICATED (48" A.F.F. U.N.O.)
			BUILDING STANDARD EXHAUST FAN SWITCH (48" A.F.F. U.N.O.)
			BUILDING STANDARD DIMMER SWITCH (48" A.F.F. U.N.O.)
			EXISTING COVER PLATES TO REMAIN.

ELECTRICAL NOTES

ALL ELECTRICAL WORK EXECUTED SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (N.E.C.) OR PREVAILING ISSUANCE RECOGNIZED BY CITY AND / OR COUNTY.

ALL DATA AND TELEPHONE CABLING SHALL BE THE RESPONSIBILITY OF THE TENANT'S OWN VENDOR AND IS NOT INCLUDED UNDER THIS CONTRACT.

UPGRADE LIFE SAFETY SYSTEMS AS REQUIRED TO COMPLY WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND / OR LIFE SAFETY CODE 2012.

EXTEND 3/4" CONDUIT INSIDE PARTITION FROM TELEPHONE/FAX OUTLET TO ABOVE CEILING.

ALL DEDICATED OUTLETS SHALL BE ENGRAVED / IDENTIFIED ON COVER PLATES WITH PANEL AND CIRCUIT NUMBER.

SUBCONTRACTOR TO LABEL ALL PANELS. ALL ELECTRICAL OUTLETS SHALL BE IDENTIFIED ON COVER PLATES WITH PANEL AND CIRCUIT NUMBER.

INSTALL PLYWOOD PHONE BOARD WITH ISOLATED GROUND DEDICATED OUTLET @ 72" A.F.F. U.N.O.

ALL CABLING IN RETURN AIR PLENUM TO BE TEFLON COATED (IF APPLICABLE).

ALL CUBICLES / MODULAR FURNITURE SHOWN IS / ARE BY TENANT.

FURNISH AND INSTALL EMPTY METAL TUBING FROM BUILDING TELEPHONE ROOM TO TENANT PHONE BOARD. SPACES LESS THAN 10,000 SQUARE FEET (1" DIA. E.M.T.), SPACES GREATER THAN 10,000 SQUARE FEET (2" DIA. E.M.T.).

ALL OUTLETS SHOWN ARE NEW. ALL EXISTING OUTLETS NOT SHOWN SHALL REMAIN.

REVISION SCHEDULE	COMMENTS
NUMBER	DATE

PROJECT: **PERSPIRE SAUNA STUDIO**
322 PHARR ROAD
ATLANTA, GA 30305

CLIENT: **PERSPIRE SAUNA STUDIO**
REFLECTED CEILING/UTILITY SHEET



CONSTRUCTION DOCUMENTS

SCALE: As indicated	REVIEW AND APPROVE
DRAWN BY: CRA	NOT RELEASED FOR CONSTRUCTION
PROJECT NUMBER: 04/07/18	RELEASED FOR CONSTRUCTION
DATE: 07/02/2018	
SHEET NUMBER: E-2.01	

Beach Engineering Solutions Team
Mechanical, Electrical & Plumbing Engineering
(678) 665-3280
project number: 18-302

MECHANICAL GENERAL NOTES:

1. PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VISIT PROJECT AND REVIEW EXISTING CONDITIONS. NO ADDITIONAL MONIES WILL BE AWARDED FOR "UNFORESEEN PROJECT CONDITIONS". CONTRACTOR SHALL INCLUDE IN HIS BID ALL MONIES REQUIRED FOR THE EXISTING PROJECT CONDITIONS. CONTRACTOR SHALL INFORM ARCHITECT AT TIME OF BID PROJECT CONDITIONS IN WHICH HE HAS DIFFICULTY IN WORKING AROUND.
2. REFER TO ALL OTHER DRAWINGS IN THIS PROJECT, INCLUDING BUT NOT LIMITED TO THE ARCHITECTURAL, INTERIOR DESIGN, LIGHTING DESIGN, AND ELECTRICAL AND PERFORM ALL SCOPE ITEMS IDENTIFIED WITHIN THOSE DRAWINGS AS IF THEY ARE DIRECTLY INCORPORATED INTO THE MECHANICAL SET.
3. FURNISH AND INSTALL ALL NECESSARY LABOR AND MATERIALS FOR A COMPLETE SYSTEM. ANY ITEMS AND MATERIALS OBVIOUSLY NECESSARY FOR A COMPLETE WORKING SYSTEM ALTHOUGH NOT SHOWN WITHIN THESE DOCUMENTS SHALL BE PROVIDED AS PART OF THE INITIAL BID.
4. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
5. OBTAINING PERMIT, INCLUDING LABOR AND FEES SHALL BE PROVIDED AS PART OF THE INITIAL BID.
6. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT NECESSARILY SHOW FITTINGS AND OTHER SMALL ITEMS REQUIRED FOR A COMPLETE INSTALLATION. INSTALL DUCTWORK, EQUIPMENT AND CONTROLS IN A MANNER TO MINIMIZE NOISE. PROVIDE APPROPRIATE MAINTENANCE CLEARANCE IN THE SPACE ALLOCATED.
7. MATERIALS AND LABOR SHALL BE WARRENTED FOR ONE YEAR AFTER TAKEOVER.
8. ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES, LATEST EDITIONS.
9. PRIOR TO ORDERING ANY EQUIPMENT, THIS CONTRACTOR SHALL PROVIDE COORDINATION TO THE ELECTRICAL SUBCONTRACTOR AND STRUCTURAL REQUIREMENTS TO THE GENERAL CONTRACTOR. ANY COSTS DIFFERENCES WILL BE WORKED THROUGH THE GENERAL CONTRACTOR AT THIS TIME. PROVIDE TO THE ELECTRICAL SUBCONTRACTOR THE PHASE, AMPERAGE AND VOLTAGE OR EACH PIECE OF EQUIPMENT PRIOR TO ORDERING.
10. CONTRACTOR SHALL REFER TO THE ELECTRICAL DRAWINGS, LIGHTING DESIGN DRAWINGS AND THE REFLECTED CEILING PLAN (RCP) WHEN INSTALLING THE CEILING DIFFUSERS AND RETURN GRILLS.
11. COORDINATE WITH THE ELECTRICAL SUBCONTRACTOR IN REGARDS TO DISCONNECTS, BREAKERS, POWER WIRING, MOTOR CONTROL DEVICES, MECHANICAL CONTRACTOR SHALL PROVIDE STARTERS, TRANSFORMERS, ETC AND COORDINATE THE INSTALLATION WITH THE ELECTRICAL SUBCONTRACTOR.
12. PROVIDE UL LISTED, HEAVY DUTY FIBERGLAS CONNECTOR AT FAN, AIRHANDLERS, FAN COIL UNITS, ROOFTOP UNITS AND OTHER MECHANICAL EQUIPMENT WHERE THEY CONNECT TO SHEET METAL DUCTWORK. THE FIBERGLAS CONNECTOR SHALL BE INSTALLED WITH APPROPRIATE LENGTH TO ALLOW FOR VIBRATION AND NOISE TRANSMISSION.
13. DUCTWORK SHALL BE GALVANIZED SHEET METAL INACCORDANCE WITH SMACNA GUIDELINES.
14. ROUND FLEXIBLE CONNECTORS SHALL BE PROVIDED BETWEEN MAIN DUCT AND DIFFUSERS. PROVIDE THERMAFLEX PRO SERIES. UTILIZE SPIN-IN CONNECTORS WITH SCOOP AND ADJUSTABLE DAMPER FOR AIR CONTROL.
15. FLEXIBLE DUCTWORK SHALL BE INSTALLED FREE OF KINKS AND SHALL BE LIMITED TO 8'-0" IN LENGTH. DIAMETER SHALL BE THE SAME AS THE DIFFUSER NECK.
16. ALL PORTIONS OF DUCTWORK VISIBLE THROUGH DIFFUSER AND RETURN GRILL OPENINGS SHALL BE PAINTED FLAT BLACK. ALL PORTIONS EXPOSED IN AREAS WITHOUT CEILING SHALL BE PAINTED PER THE ARCHITECTURAL DRAWINGS.
17. CONTRACTOR SHALL FIELD VERIFY SPACE REQUIREMENTS FOR DUCTWORK PRIOR TO MANUFACTURING. ROUND OR RECTANGULAR DUCTWORK IS ACCEPTABLE. FURTHER ADJUSTMENTS TO DUCT SIZES IS ACCEPTABLE AS LONG AS THE FOLLOWING FRICTION FACTORS ARE MAINTAINED:
SUPPLY: 0.08"/100FT
RETURN: 0.06"/100FT.
18. ALL THERMOSTATS UNLESS OTHERWISE NOTED SHALL BE INSTALLED AT THE SAME HEIGHT AS THE EXISTING THERMOSTATS.
19. ALL DUCT DIMENSIONS SHOWN IN THIS SET REFERS TO CLEAR INSIDE DIMENSION. IF DUCTWORK IS LINED, INTERIOR SHEET METAL SIZE SHALL BE INCREASED TO ACCOUNT FOR THE LINEAR THICKNESS.
20. THE OWNER, OPERATOR, ARCHITECTURAL NOR ENGINEER ARE RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS, MEANS AND METHODS, WORK TECHNIQUES, CONSTRUCTION SEQUENCE OR PROCEDURES REQUIRED TO COMPLETE THE WORK.
21. ALL EXTERIOR WALL, AND ROOF PENETRATIONS SHALL BE SEALED WITH WATERPROOFING.
22. ALL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR BARRIERS SHALL BE SEALED WITH FIREPROOFING.
23. PROVIDE FIRE DAMPERS (FD) IN ALL FIRE RATED WALLS AS IDENTIFIED ON ARCHITECTURALS DRAWINGS. THE RATINGS OF THE FIRE DAMPERS SHALL MEET OR EXCEED THE RATING OF THE WALL IN WHICH IT IS INSTALLED. FIRE DAMPERS SHALL BE UL LISTED AND SHALL BE TYPE B (BLADES OUT OF THE AIR STREAM) OR TYPE C (100% FREE AREA). PROVIDE AND INSTALL DUCT MOUNTED ACCESS PANEL FOR ALL NON-ACCESSIBLE FIRE DAMPERS.
24. ALL ACCESS PANELS REQUIRED FOR EQUIPMENT MAINTENANCE SHALL BE FIELD COORDINATED WITH ARCHITECT. THESE DRAWINGS SHALL APPROXIMATE LOCATIONS, FINAL LOCATIONS SHALL BE COORDINATED IN THE FIELD.
25. AT EACH BRANCH TAKEOFF, PROVIDE MANUAL VOLUME DAMPERS FOR BALANCING. FOR EACH DIFFUSER TAKEOFF, PROVIDE ADJUSTABLE SPIN-IN CONNECTION.
26. PROVIDE DUCT LINER FOR THE FIRST TEN FEET OF SUPPLY AND THE LAST 10 FEET OF RETURN DUCTWORK FROM THE HVAC EQUIPMENT. THE REMAINING DUCTWORK SHALL BE WRAPPED WITH INSULATION.
27. ALL THERMOSTATS SHALL BE PROGRAMMABLE AND HAVE A 4 DEGREE DEADBAND.
28. INSTALL SMOKE DETECTOR IN THE SUPPLY AIR SYSTEM FOR ALL UNITS WITH CAPACITY GREATER THAN 2000 CFM. THE SMOKE DETECTOR SHALL BE INSTALLED DOWNSTREAM OF ANY FILTERS, FAN MOTOTS, OUTDOOR AIR CONNECTIONS AND UPSTREAM OF ANY BRANCH CONNECTIONS.
29. ALL MATERIAL INSTALLED WITHIN A RETURN AIR PLENUM SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50.
30. ALL WIRING INSTALLED WITHIN THE PLENUM SHALL BE PLENUM RATED OR INSTALLED WITHIN CONDUIT.
31. ALL EQUIPMENT INSTALLED ABOVE THE CEILING SHALL BE ACCESSIBLE. CONTRACTOR SHALL SUPPLY ACES PANELS IN CEILING OR WALL AND SHALL COORDINATE WITH ARCHITECT FOR PROPER LOCATION. ACCESS PANELS IN CEILING SHALL BE A MINIMUM OF 24"x24" WITH HINGES. ACCESS PANELS SHALL HAVE SAME FIRE RATING AS CEILING IN WHICH THEY ARE INSTALLED.
32. EACH PIECE OF EQUIPMENT SHALL BE PERMANTLY LABELED WITH A NAMEPLATE OF SUFFICIENT SIZE TO CLEARLY INDICATE THE EQUIPMENT DESIGNATION INACCORDANCE WITH THE DRAWINGS (IE PIU-1, RTU-1, ETC.). NAMEPLATES TO BE IBAKED ENAMEL OR ALUMINUM WITH STAMPED LETTERS.
33. EACH DUCT OR PIPE WHICH PENETRATES ANY FIRE OR SMOKE PARTITION SHALL HAVE THE WALL OPENING SEALED WITH HILTI FIRE STOP TO PREVENT THE SPREAD OF SMOKE.
34. ANY EXISTING WALL, FLOOR, OR CEILING SURFACE DISTURBED DURING THE COURSE OF CONSTRUCTION, SHALL BE REPAIRED TO LIKE NEW OR PREVIOUS CONDITION TO THE SATISFACTION OF THE ARCHITECT.
35. RECORD DRAWINGS:
THE CONTRACTOR SHALL MAINTAIN ON A DAILY BASIS AT THE PROJECT SITE A COMPLETE SET OF "RECORD DRAWINGS", REFLECTING AN ACCURATE DIMENSIONAL RECORD OF ALL BURIED OR CONCEALED WORK. THE "RECORD DRAWINGS" SHALL BE MARKED TO SHOW THE PRECISE LOCATION OF CONCEALED WORK, AND EQUIPMENT INCLUDING CONCEALED OR EMBEDDED PIPING AND VAVLES AND ALL CHANGES AND DEVIATIONS FROM THE CONTRACT DOCUMENTS. THIS REQUIREMENT SHALL NOT BE CONSTRUED AS AUTHORIZATION FOR THE CONTRACTOR TO MAKE CHANGES WORK WITHOUT APPROVAL FROM THE ARCHITECT.
36. THE "RECORD DRAWINGS" SHALL BE CLEARLY MARKED WITH "RECORD DRAWINGS" INDICATED IN THE LOWER RIGHT CORNER OF THE DRAWINGS.
37. UPON THE COMPLETION OF THE HVAC SYSTEM INSTALLATION, PROVIDE A COMPLETE TEST AND BALANCE. THE TEST AND BALANCE SHALL MEASURE AIR FLOWS FOR EACH PIECE OF EQUIPMENT, DIFFUSER AND RETURN GRILL. SUBMIT TO ARCHITECT TEST AND BALANCE PLAN THREE DAYS PRIOR TO INTENDED START DATE.

RTU SCHEDULE

MARK	CFM	MIN OA CFM	ESP IN WC	HP	COOLING CAP.		HEATING CAP.		BASIS OF DESIGN	MIN SEER/EER	WEIGHT	NOTES
					TOTAL	SEN	INPUT	OUTPUT				
RTU-1	2400	360	0.8	1.0	72.2	57.8	108.0	86.0	LENNOX KGA072S4	13.0	918 LB	①

- ① 1. COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO PLACING ORDER FOR EQUIPMENT.
2. PROVIDE ROOF CURB, MANUAL OUTSIDE AIR DAMPER AND PROGRAMMABLE THERMOSTAT.

FAN SCHEDULE

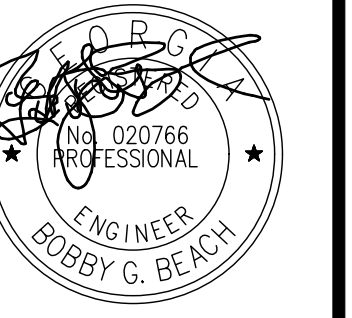
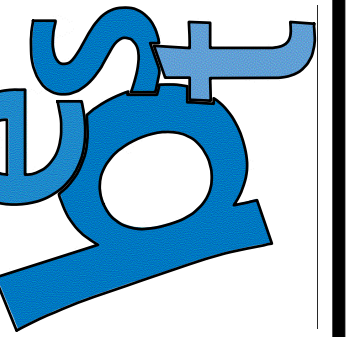
MARK	CFM	S.P. WG	HP	TYPE	BASIS OF DESIGN	LOCATION/SERVICE	NOTES
EF-1	75	0.25"	15 WATTS	CABINET	GREENHECK SP-A90	TOILET ROOM	① ②
EF-2	75	0.25"	15 WATTS	CABINET	GREENHECK SP-A90	TOILET ROOM	① ②
EF-3	75	0.25"	15 WATTS	CABINET	GREENHECK SP-A90	TOILET ROOM	① ②

- ① INTERLOCK WITH TOILET ROOM LIGHT SWITCH.
② PROVIDE ISOLATED HANGER KITS AND SPEED CONTROLLERS FOR ALL OSCILATING FANS. COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO PLACING ORDER.

AIR DISTRIBUTION SCHEDULE

MARK	TYPE	SIZE IN INCHES		FINISH	O.B.D.	BASIS OF DESIGN	NOTES
		NECK	FACE				
A	SUPPLY	8"φ	24"x24"	WHITE	NO	TITUS TMS	①
B	RETURN	N/A	24"x24"	WHITE	NO	TITUS 50F	①
C	SUPPLY	6"φ	12"x12"	WHITE	NO	TITUS TMS	①
D	SUPPLY	10"φ	24"x24"	WHITE	NO	TITUS TMS	①
E	SUPPLY	8"x6"	10"x8"	②	YES	TITUS 301FL	①
F	RETURN	8"x6"	10"x8"	②	YES	TITUS 350FL	①

- ① COORDINATE ACTUAL LOCATION WITH REFLECTED CEILING PLAN AND LIGHTING LAYOUT.
② GRILL SHALL BE PAINTED TO MATCH WALL IN WHICH IT IS INSTALLED.



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REVISIONS:
ISSUED DATE: 7/27/2018

HVAC -
Notes &
Schedules

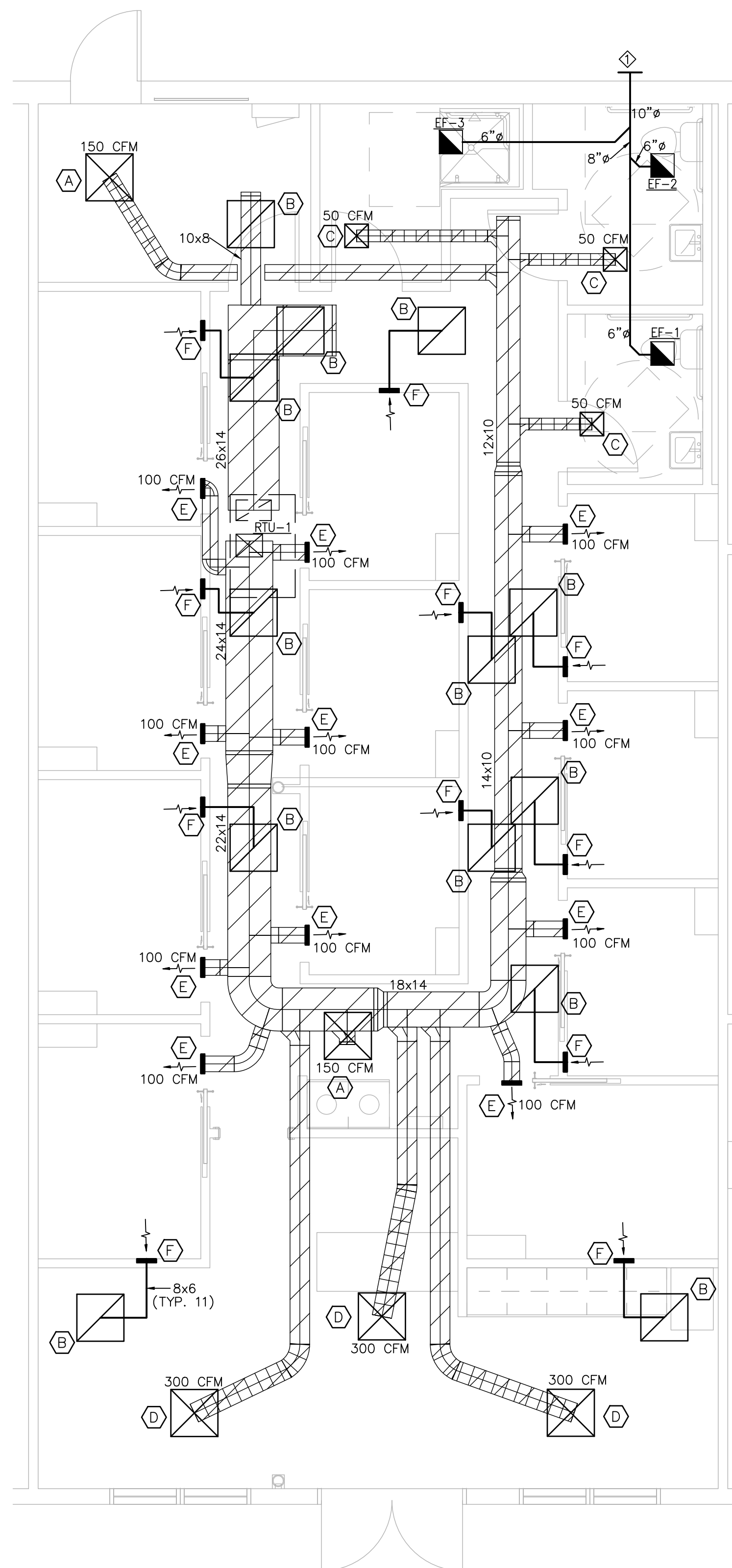
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Project: 18-302

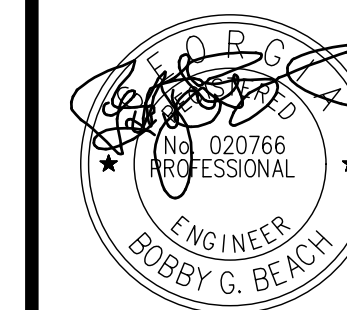
HVAC SYMBOLS	
	SUPPLY GRILL
	RETURN GRILL
	EXHAUST FAN
	NEW DUCTWORK
	SPIN-IN
	PROGRAMMABLE THERMOSTAT
	VOLUME DAMPER

MECHANICAL KEYED NOTES:

◇ EXTEND 10"Ø EXHAUST DUCTWORK OUT THRU WALL AND TERMINATE WITH WALL CAP.



1 HVAC Floor Plan
SCALE: 1/4" = 1'-0"



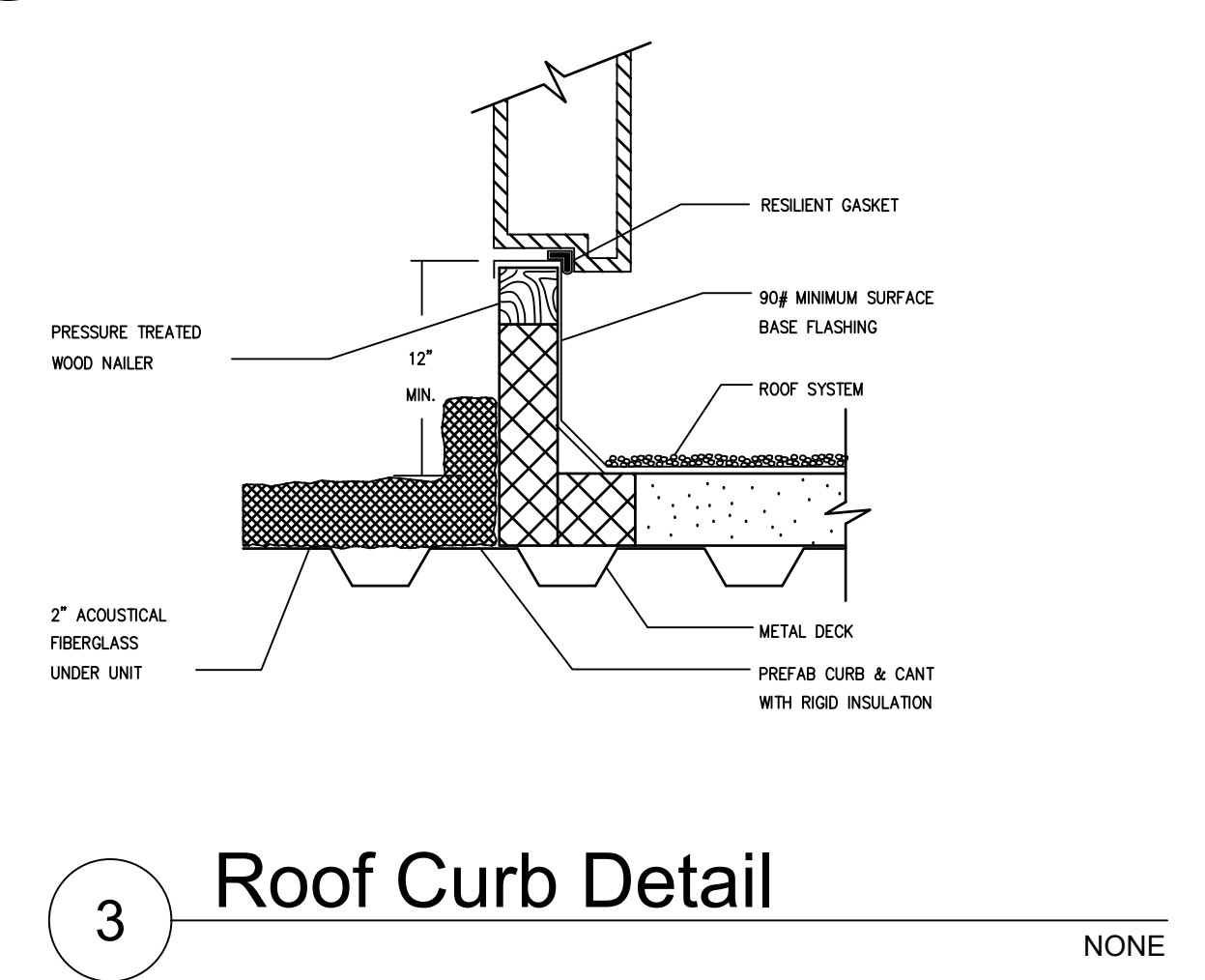
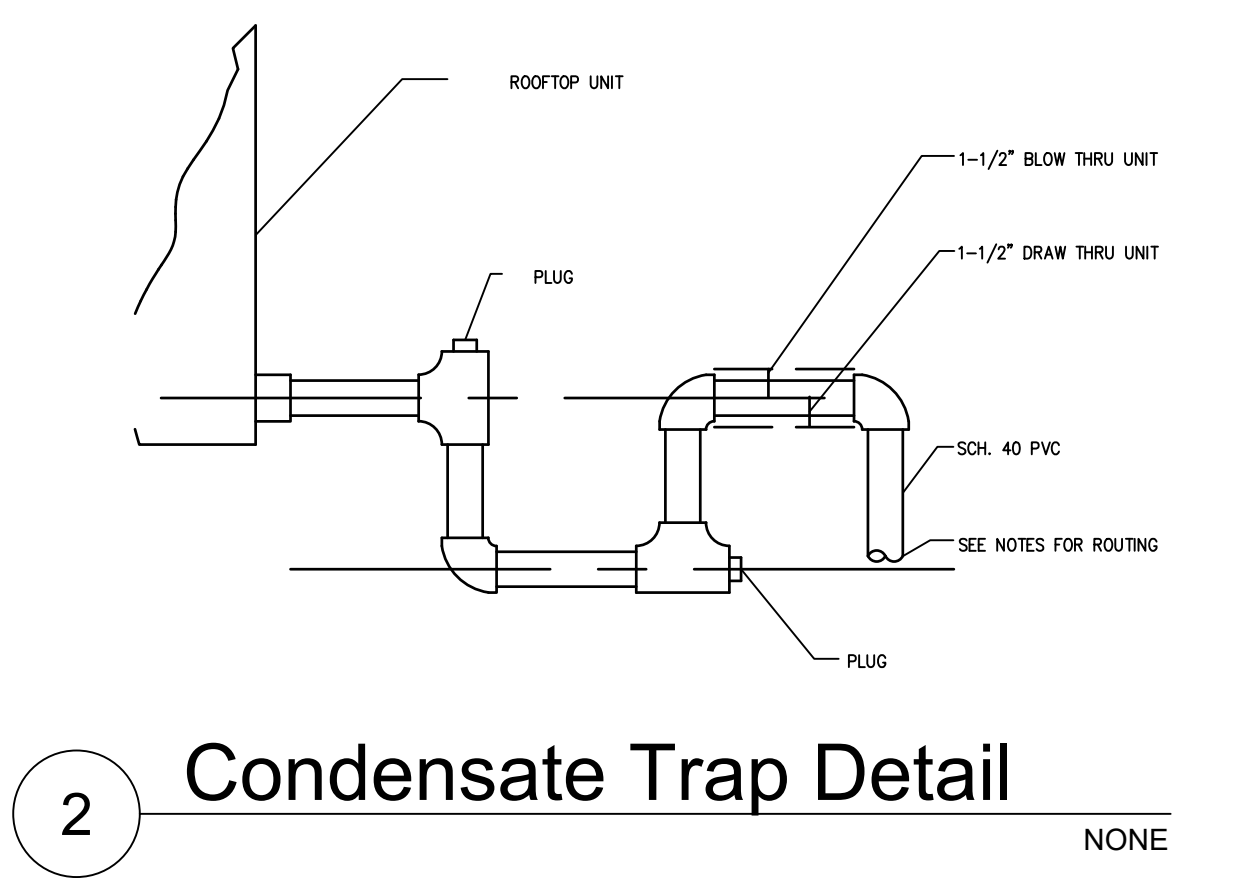
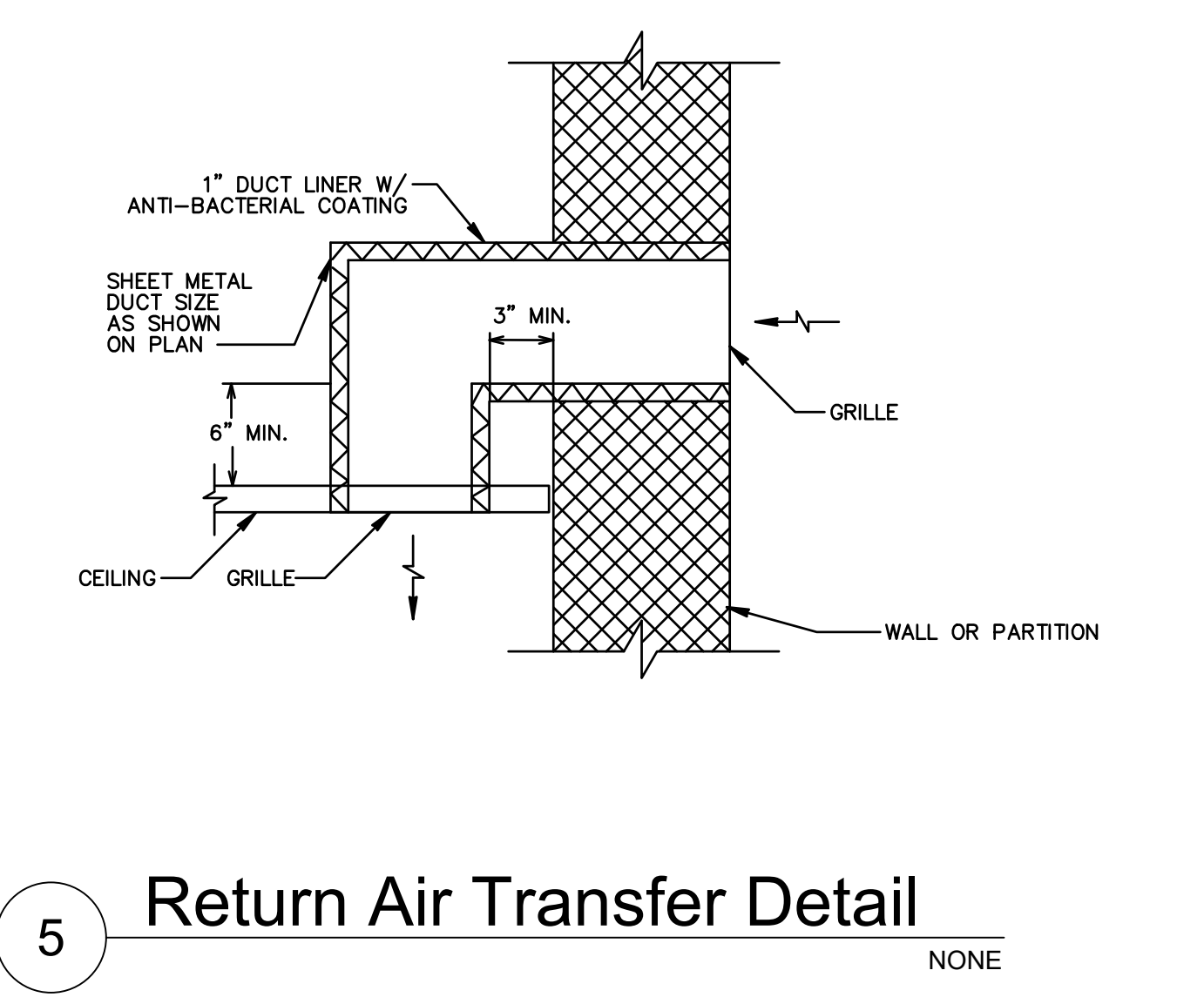
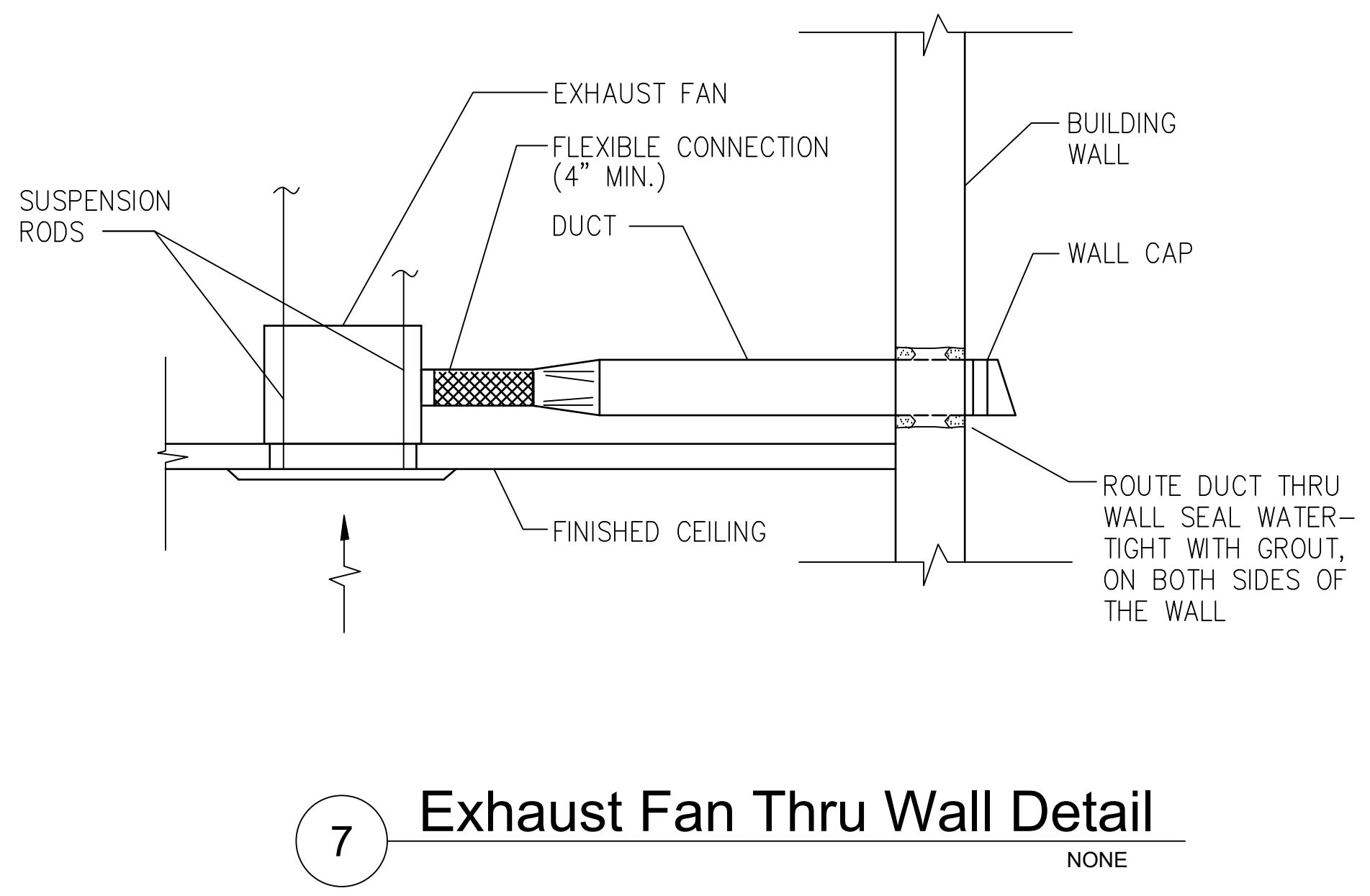
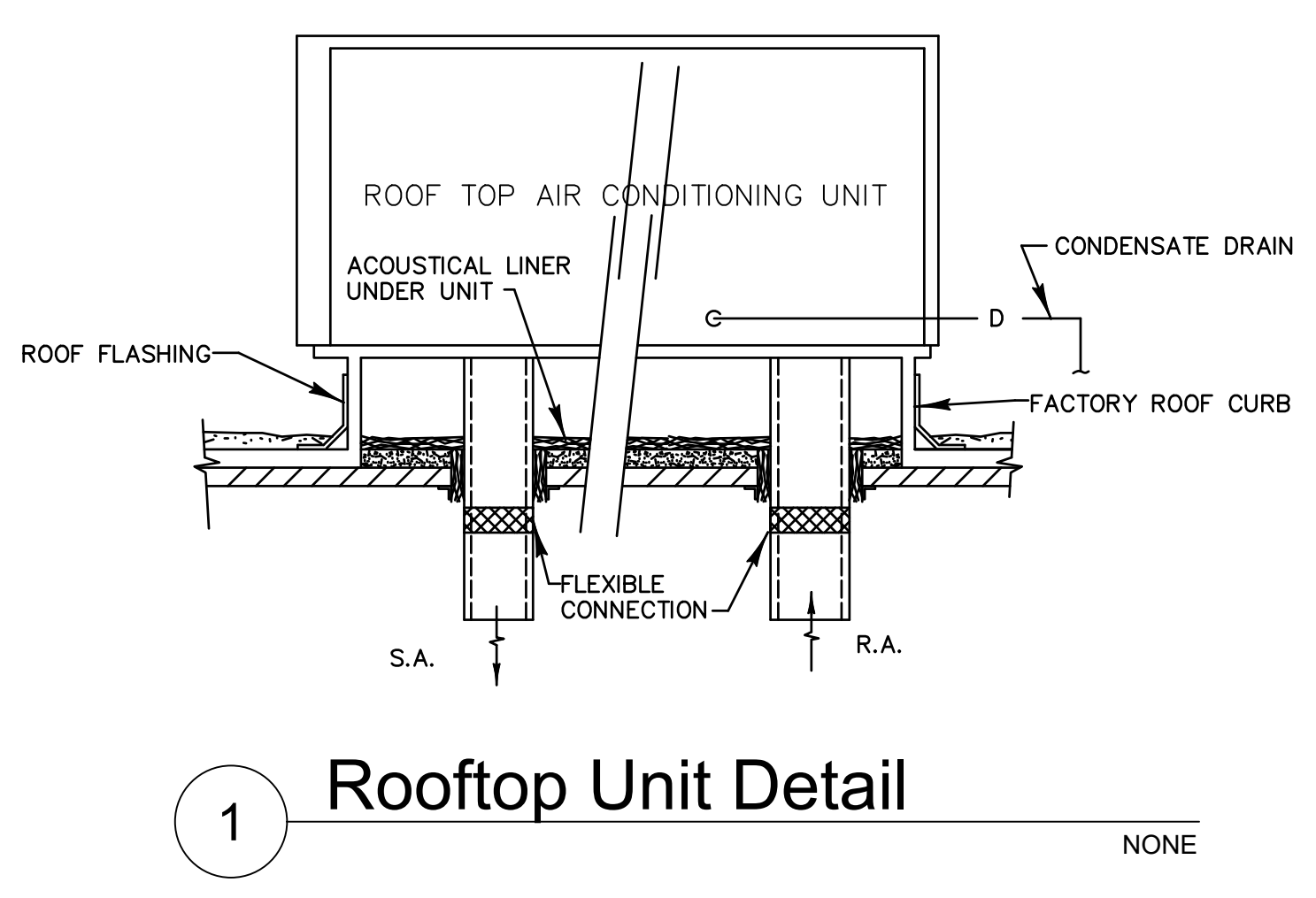
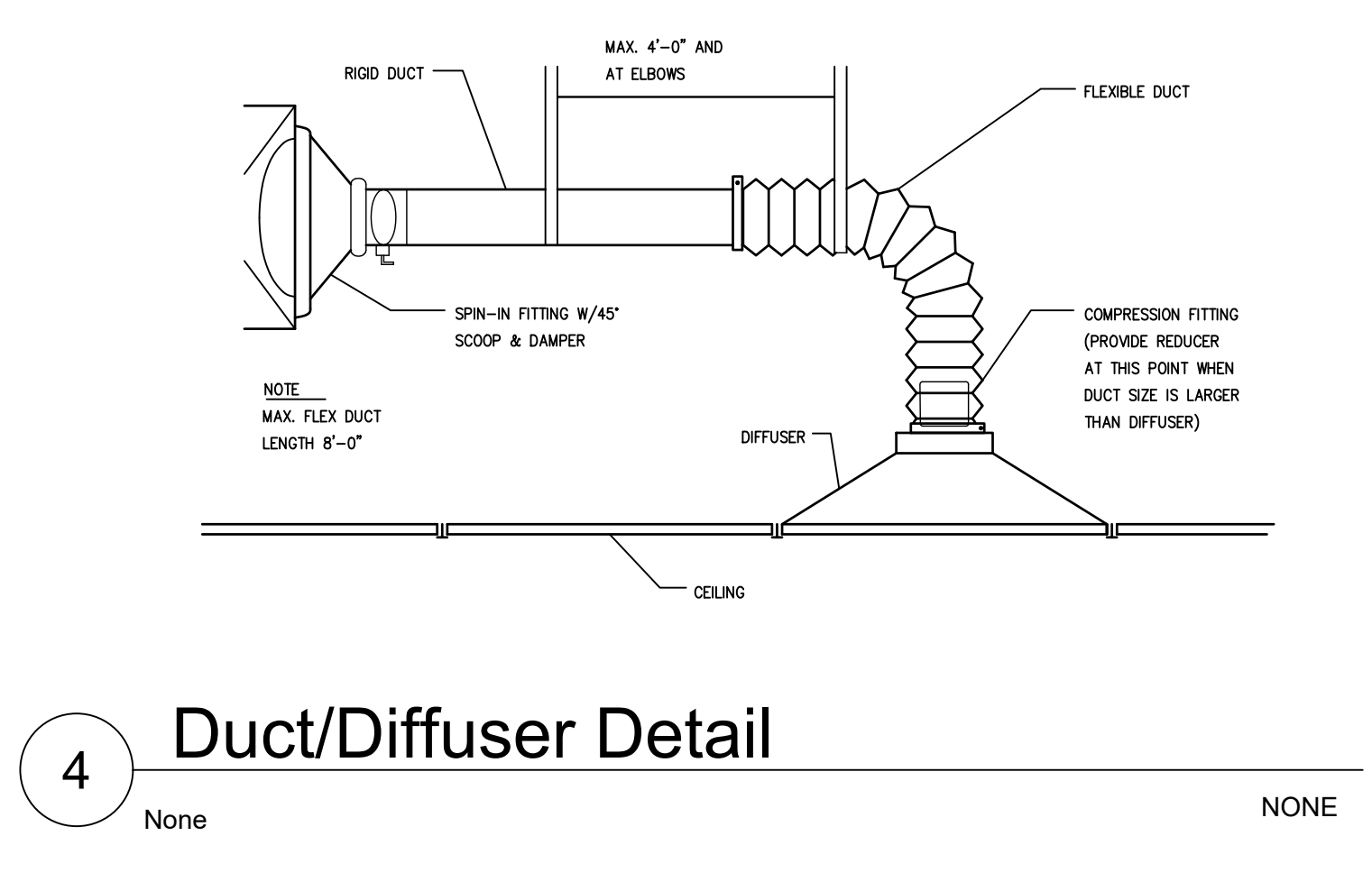
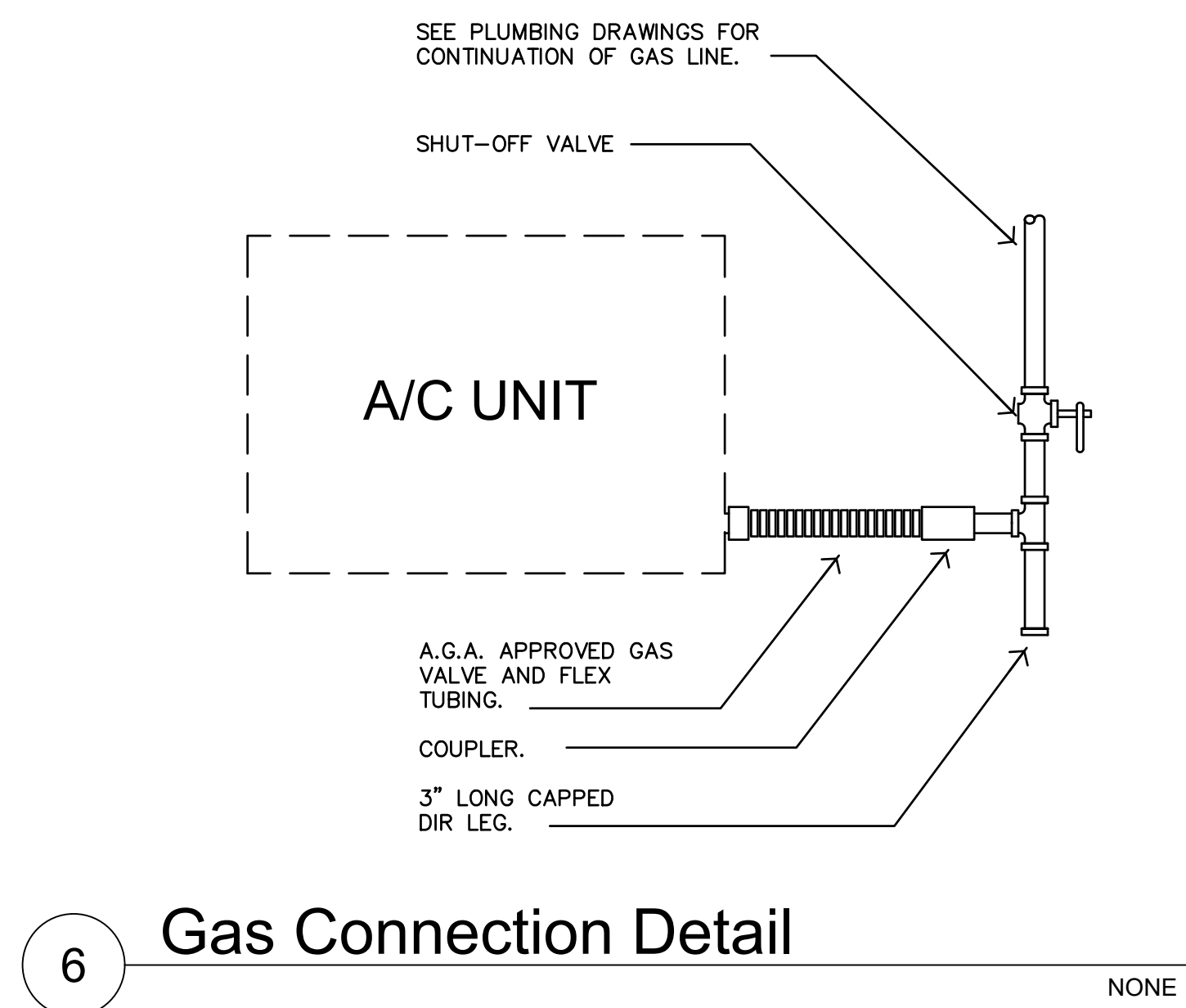
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PERSPIRE SAUNA STUDIO
322 PHARR ROAD
ATLANTA, GA 30305

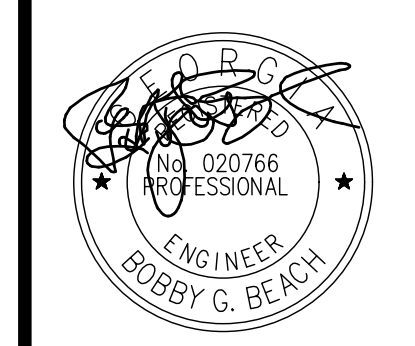
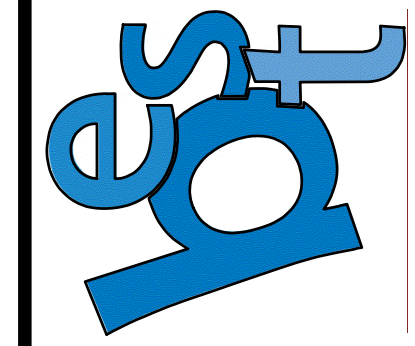
REVISIONS:
ISSUED DATE: 7/27/2018

HVAC -
Floor Plan

M-1.01
Project: 18-302



Beach Engineering Solutions Team Inc
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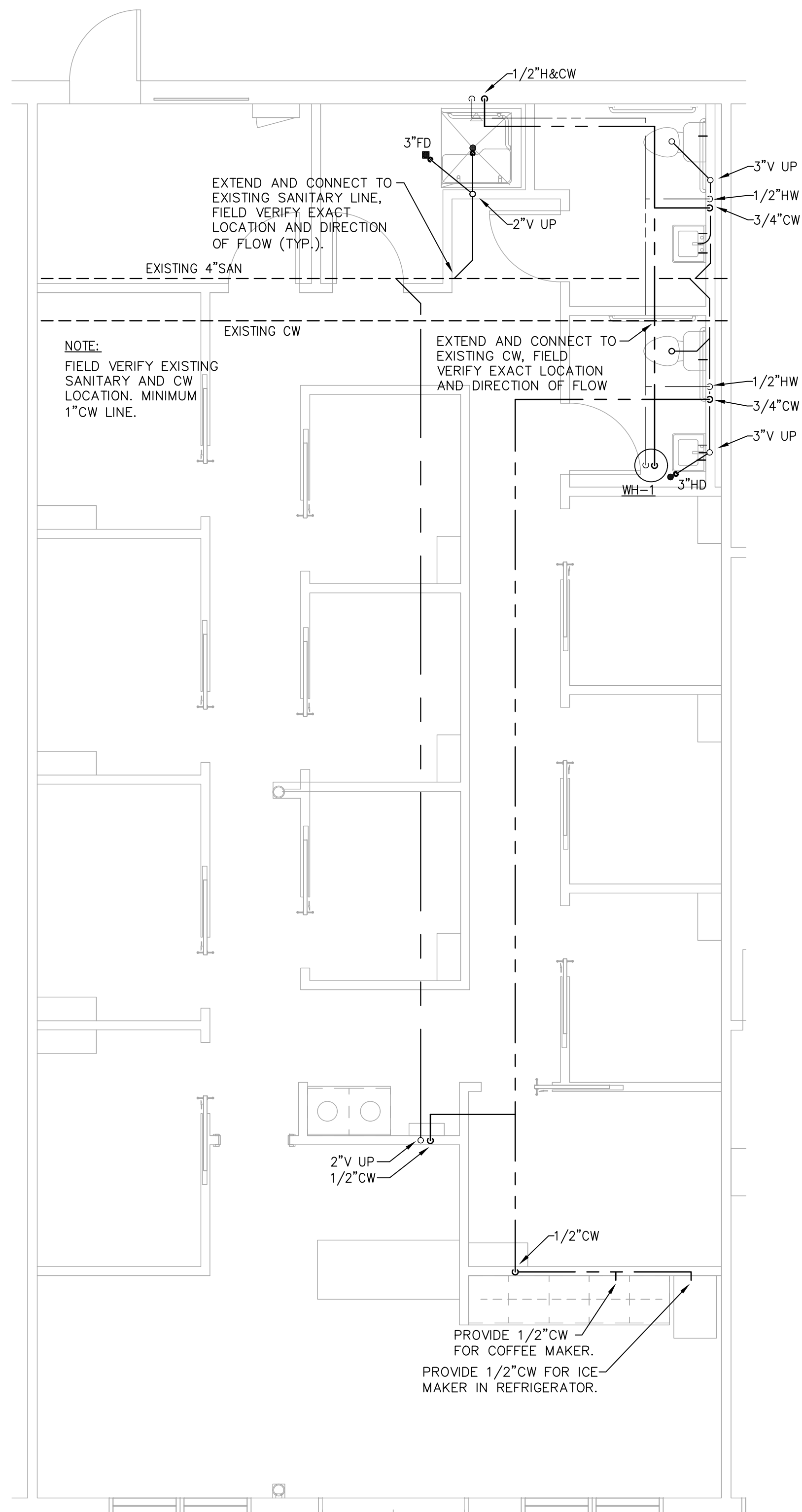
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PERSPIRE SAUNA STUDIO
 322 PHARR ROAD
 ATLANTA, GA 30305

REVISIONS:
 ISSUED DATE: 7/27/2018

HVAC -
 Details

M-2.01
 Project: 18-302



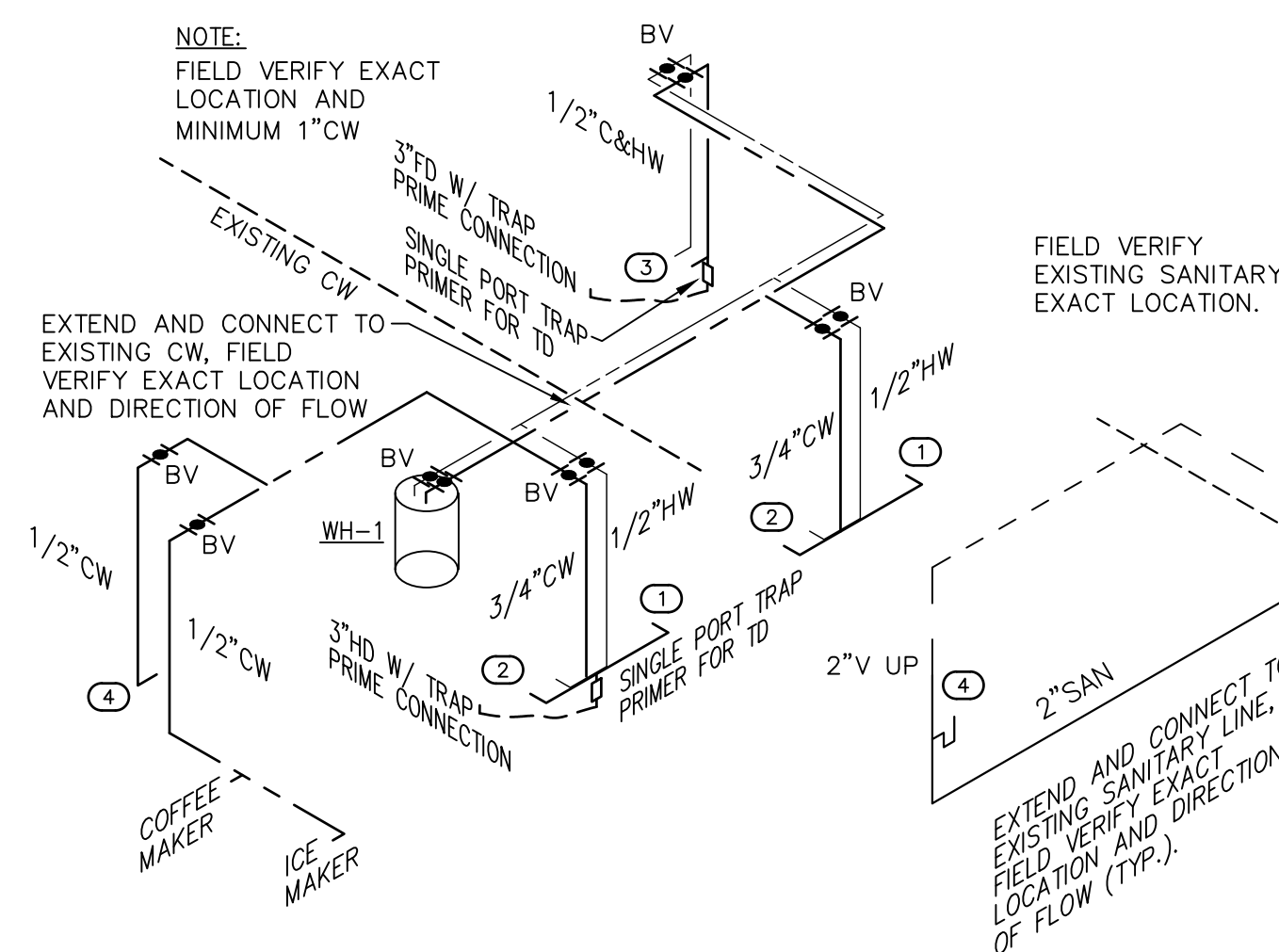
1 PLUMBING FLOOR PLAN
SCALE: 1/4" = 1'0"

FIXTURE CONNECTION SCHEDULE					
ITEM	DESCRIPTION	WASTE	CW	HW	NOTES
①	WATER CLOSET—ADA ACCESSIBLE FIXTURE AND ACCESSORIES	4"	1"	—	② ⑥
②	LAVATORY—ADA ACCESSIBLE FIXTURE AND ACCESSORIES	1 1/4"	1/2"	1/2"	① ② ③ ④ ⑤
③	SHOWER—ADA ACCESSIBLE FIXTURE AND ACCESSORIES	2"	1/2"	1/2"	① ② ③ ④ ⑤ ⑨
④	DRINKING FOUNTAIN WITH CUP FILLER—ADA ACCESSIBLE FIXTURE AND ACCESSORIES	1 1/4"	1/2"	—	① ② ③
WH-1	ELECTRIC WATER HEATER—10 GALLONS 4 KW AO SMITH DEL-10S-4	—	3/4"	3/4"	⑥ ⑧ ⑩

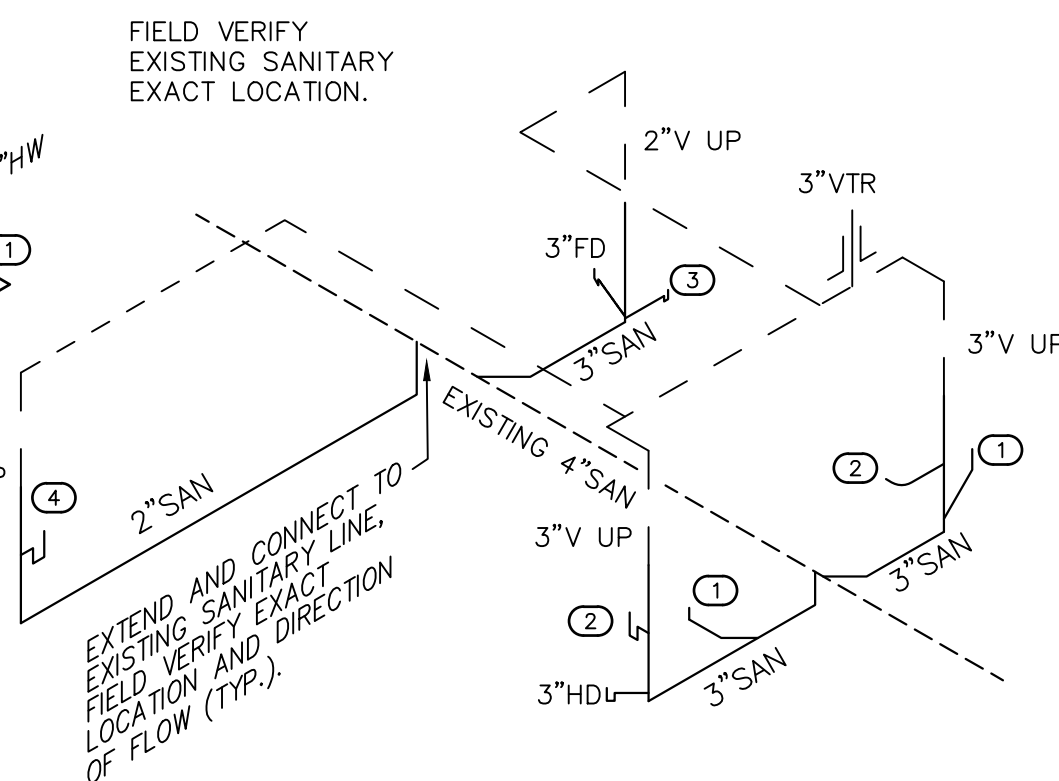
- ① CRANE CAST BRASS P-TRAP #JJ 8-5270 (SIZE AS REQUIRED) P-TRAPS IN CONCEALED SPACES MAY BE PVC.
- ② MCGUIRE HEAVY LAVATORY SUPPLY STOP #H2165CCLK W/ CHROME RISER TUBE (TYP. 2) OR MCGUIRE HEAVY CLOSET SUPPLY STOP #H2166CCLK W/ CHROME RISER TUBE.
- ③ SET AT HANDICAP HEIGHT.
- ④ AERATOR 0.5 GPM MAXIMUM.
- ⑤ TRUEBRO LAV-GUARD, MODEL AS REQUIRED FOR P-TRAP AND ANGLE STOPS W/ SUPPLIES ASSEMBLIES.
- ⑥ FINAL CONNECTION BY PLUMBING CONTRACTOR.
- ⑦ PROVIDE THERMOSTATIC MIXING VALVE FOR TOILET ROOM LAVATORY.
- ⑧ PROVIDE EXPANSION TANK, AMTROL ST-12, OR EQUAL
- ⑨ PROVIDE SHOWER VALVE SET WITH MAXIMUM TEMPERATURE OF 110°F
- ⑩ COORDINATE WITH ELECTRIC CONTRACTOR

PLUMBING NOTES:

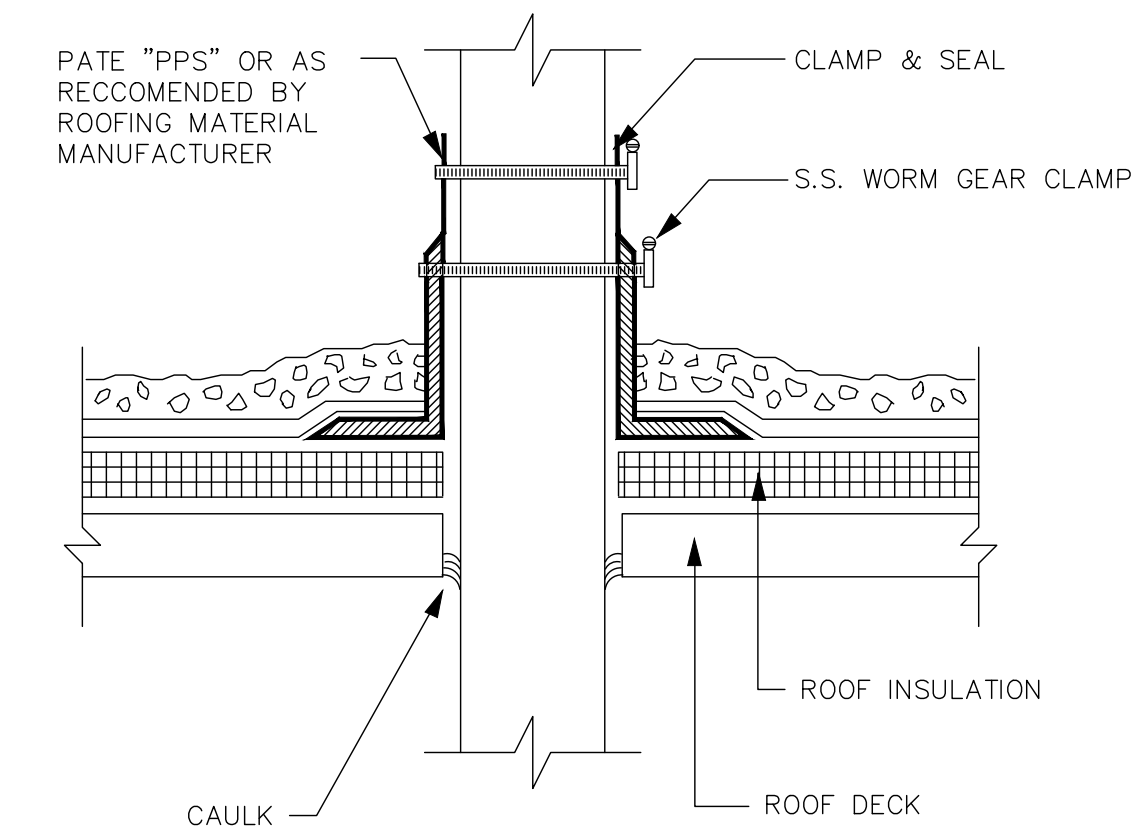
1. THIS CONTRACTOR IS RESPONSIBLE FOR A COMPLETE INSTALLATION INCLUDING: EXCAVATION, REPAIR OF WALLS AND FLOOR AS REQUIRED, FITTINGS, VALVES, ESCHUTEON PLATES, ETC. AS NECESSARY.
2. INSTALLATION SHALL CONFORM TO THE LOCAL CODES AND REQUIREMENTS IN EFFECT AT THE TIME OF COMPLETION.
3. WATER PIPING SHALL BE TYPE "L" COPPER WITH COPPER FITTINGS AND HANGERS.
4. SOIL WASTE AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON WITH LEAD AND OAKUM OR MECHANICAL JOINTS AS APPROVED BY LOCAL CODES. PVC MAY BE USED, IF APPROVED BY LOCAL AUTHORITY.
5. WATER PIPING SHALL BE INSULATED WITH 1 1/2" ARMAFLEX OR EQUAL.
6. INSTALL CLEANOUTS AS NECESSARY.
7. SUBMIT SHOP DRAWINGS FOR FIXTURES TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
8. FLOOR DRAINS, CLEANOUTS, NON-FREEZE WALL HYDRANTS AND LAVATORY CARRIERS SHALL BE AS MANUFACTURED BY J.R.SMITH, JOSAM OR ZURN.
9. CONTRACTOR MUST FIELD VERIFY THE EXACT LOCATION OF THE EXISTING WATER AND SANITARY LINES. INVERT OF SANITARY AND DIRECTION OF FLOW TO BE CONFIRM PRIOR TO BEGINNING CONSTRUCTION. CONTACT ARCHITECT IMMEDIATELY IF FIELD CONDITIONS DIFFER FROM THOSE SHOWN ON DRAWINGS.
10. PROVIDE SHUT-OFF VALVES FOR EACH PIECE OF EQUIPMENT.
11. PROVIDE ACCESS PANELS FOR INSTALLATIONS IN WALLS AND CEILINGS WHERE VALVES, CONTROLS AND OTHER DEVICES ARE CONCEALED WITHIN THE WALL OR CEILING.
12. COORDINATE WITH EQUIPMENT SUPPLIER FOR ALL FAUCETS TYPE AND DRAINS.
13. ALL FIXTURES SHALL HAVE ISOLATION STOPS AT WALL PENETRATIONS.
14. PROVIDE 1/2"CW TUBING TO COFFEE MAKER. COORDINATE REQUIREMENTS WITH OWNER FURNISHED EQUIPMENT. PROVIDE CONNECTIONS AND 1/4-TURN WATER SHUTOFF AS REQUIRED FOR A COMPLETE CONNECTION.
15. PROVIDE 1/2"CW TUBING TO ICE MAKER IN REFRIGERATOR. COORDINATE REQUIREMENTS WITH OWNER FURNISHED EQUIPMENT. PROVIDE CONNECTIONS AND 1/4-TURN WATER SHUTOFF AS REQUIRED FOR A COMPLETE CONNECTION.
16. ALL PLUMBING FIXTURES SHALL BE HIGH EFFICIENT.
17. PROVIDE BACK FLOW PREVENTER ON ALL WATER OUTLETS TO EQUIPMENTS.
18. FLUSH HANDLES FOR WATER CLOSETS MUST BE ON OPEN SIDE OF WATER CLOSET COMPARTMENT.



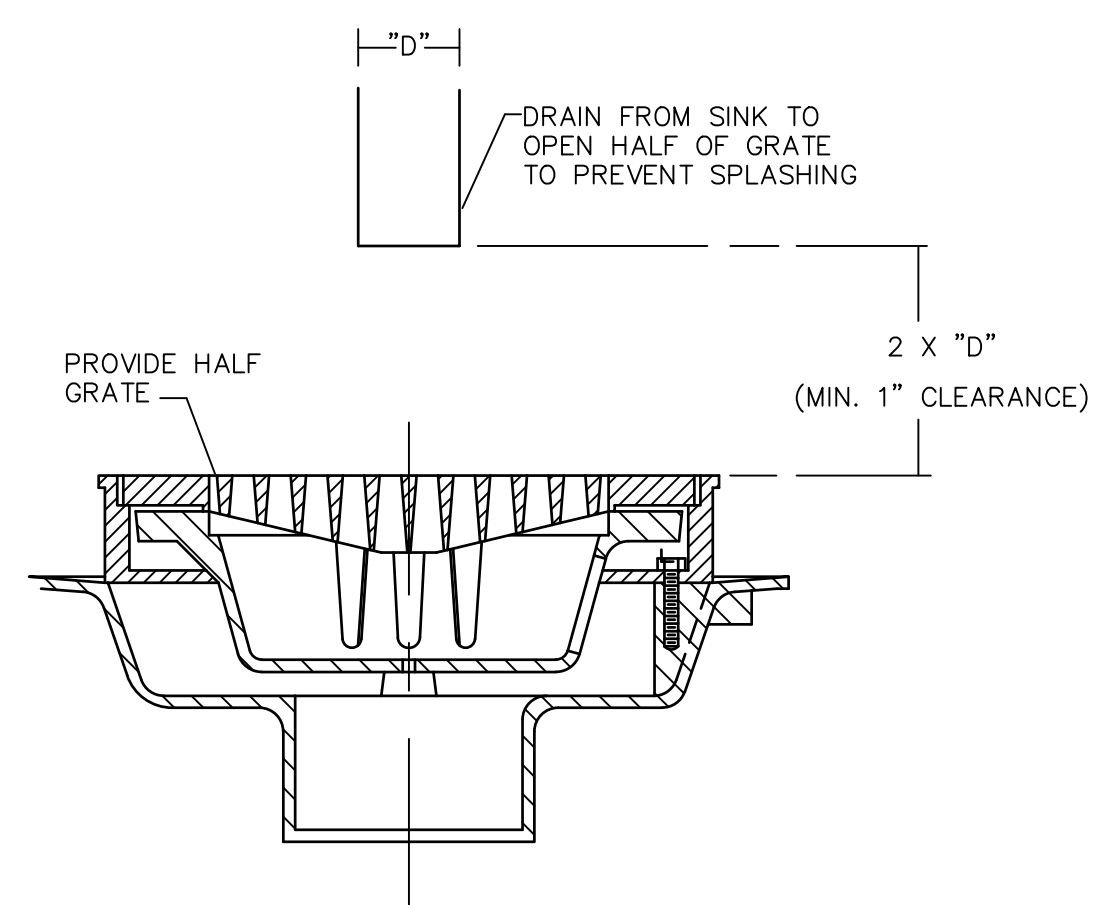
2 WATER RISER
SCALE: NONE



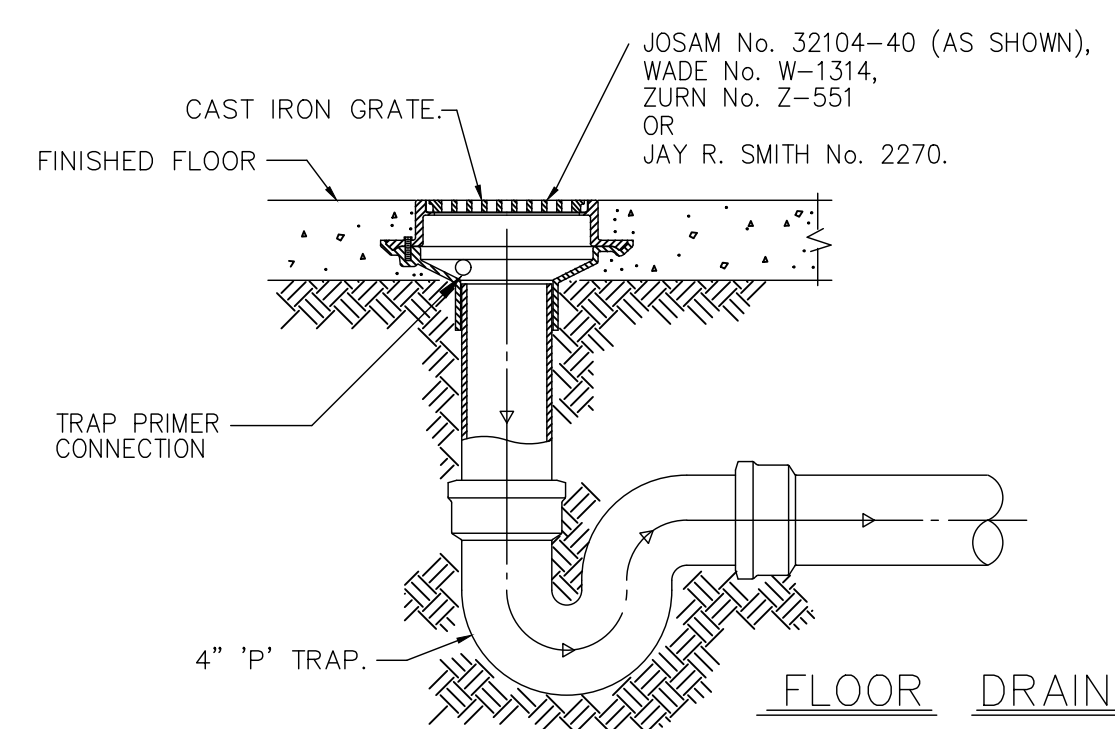
3 SANITARY RISER
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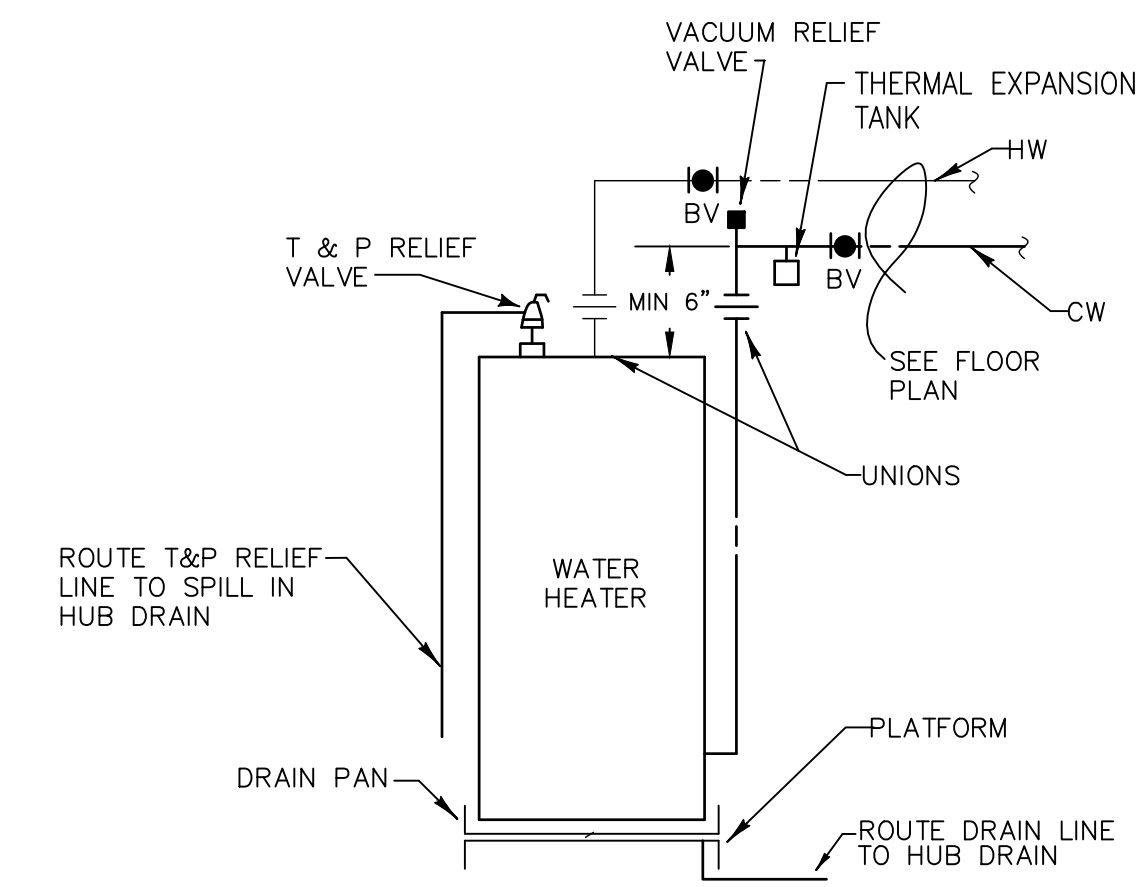
7 PIPE FLASHING DETAIL
SCALE: NONE



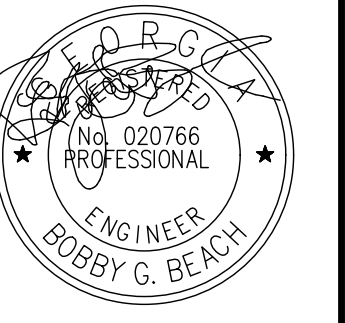
5 AIR GAP DETAIL
SCALE: NONE



4 FLOOR DRAIN DETAIL
SCALE: NONE



6 WATER HEATER DETAIL
SCALE: NONE



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REVISIONS:
ISSUED DATE: 7/27/2018

Plumbing -
Floor Plan

P-1.01

Project: 18-302