



# 357 S BANNOCK ST, SUITE R104 DENVER, CO 80223

Proj. Mgr.	KB
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Revisions



**357 S BANNOCK ST SUITE R104  
DENVER, CO 80223**

**BARR ARCHITECTURE, INC.**  
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Sheet Title:  
**COVER SHEET**

Scale: NOTED

Date: 11.04.24

Project No: 24-1909

Sheet No: **G-001**

## PROJECT INFORMATION

### GENERAL NOTES

THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO SUBMITTING HIS BID.

THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO THE SUBMISSION OF ANY BIDS, AND VERIFY THE ARCHITECT'S DIMENSIONS, DETAILS AND INFORMATION PERTAINING TO THE PROJECT. IF ANY DISCREPANCIES, CONFLICTING INFORMATION, ERRORS OR OMISSIONS ARE PRESENT, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND OWNER IMMEDIATELY IN WRITING. ANY DISCREPANCY, OR CONFLICT NOT BROUGHT TO THE ATTENTION OF THE ARCHITECT AND OWNER PRIOR TO THE FINAL BID SUBMISSION SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

THE CONTRACTOR SHALL NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL CARRY PUBLIC LIABILITY, PROPERTY, AND WORKMEN'S COMPENSATION INSURANCE. VALID CERTIFICATES OF ALL SHALL BE PROVIDED.

THE CONTRACTOR SHALL INCLUDE ALL WORK NECESSARY TO ASSURE THE PROJECTS COMPLIANCE WITH THE MOST STRINGENT REQUIREMENTS OF THE CURRENT LOCAL EDITION BUILDING CODE AND ALL OTHER REGULATION CODES.

THE CONTRACTOR SHALL OBTAIN ALL PERMITS, AND SECURE ALL CERTIFICATES OF INSPECTION AND OCCUPANCY THAT ARE REQUIRED BY THE GOVERNING JURISDICTION. THE OWNER SHALL RECEIVE A COPY OF THE PERMIT UPON ISSUANCE.

THE CONTRACTOR SHALL REFERENCE THE BUILDING SHELL DRAWINGS FOR ALL INFORMATION RELATIVE TO THE BUILDING SHELL AND FOR COORDINATION OF NEW WORK.

THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS/VENDORS SHALL FAMILIARIZE THEMSELVES WITH AND CONFORM TO ALL REQUIREMENTS SET FORTH BY THE BUILDING OWNER OR MUNICIPALITY RELATIVE TO THE HOURS OF WORK.

THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE COORDINATION ALL SUBCONTRACTORS, SUPPLIERS AND VENDORS.

THE CONTRACTOR SHALL NOT ALLOW ON THE PROJECT ANY MATERIALS CONTAINING ASBESTOS, PETROLEUM OR PCB.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND DISTRIBUTING ALL CURRENT DRAWINGS TO THE SUBCONTRACTORS/VENDORS AS WELL AS SUPERVISING AND COORDINATING THE WORK OF ALL TRADES IN ACCORDANCE WITH THE SPECIFICATIONS AND MAKING ADJUSTMENTS IN LAYOUT AS REQUIRED. THE ARCHITECT SHALL BE NOTIFIED PRIOR TO THE EXECUTION OF THEIR REVISIONS TO AVOID CONFLICT BETWEEN TRADES FOR PROPER EXECUTION OF THE WORK.

THE CONTRACTOR SHALL INSTALL ANY APPARATUS, APPLIANCE, MATERIAL OR WORK NOT SHOWN ON THE DRAWINGS BUT MENTIONED IN THE SPECIFICATIONS, OR VICE VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY FOR COMPLETION OF THE WORK FOR OPERATION WITHOUT ADDITIONAL EXPENSE TO OWNER.

THE CONTRACTOR SHALL COORDINATE ALL OWNER/TENANT SUPPLIED ITEMS AND INCORPORATE THE INSTALLATION INTO THE CONSTRUCTION SCHEDULE.

THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY UTILITIES INCLUDING, ELECTRICAL, WATER, AND TELEPHONE REQUIRED FOR THE COMPLETION OF THE PROJECT OWNER.

THE CONTRACTOR SHALL HAVE A DIGITAL CAMERA ON SITE TO DOCUMENT ANY ISSUES THAT MAY NEED TO BE CLARIFIED. THESE PICTURES SHALL BE EMAILED TO THE ARCHITECT ALONG WITH AN RFI FOR CLARIFICATION.

THE CONTRACTOR SHALL PROVIDE AT ALL TIMES PROTECTION FROM THE WEATHER AND EXCESSIVE DUST THAT MAY IN ANY WAY DAMAGE THE WORK. MATERIAL, FIXTURES, AND EQUIPMENT OR PRESENT DANGER TO PERSONNEL. ANY WORK UNDER CONTRACT BY THE GENERAL CONTRACTOR DAMAGED BY A FAILURE TO PROVIDE ADEQUATE PROTECTION SHALL BE REMOVED AND REPLACED WITH NEW WORK AT THE SOLE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR SHALL MAINTAIN THE JOB SITE FREE FROM RUBBISH AND DEBRIS. DISPOSAL OF ALL CONSTRUCTION DEBRIS SHALL CONFORM TO BUILDING REGULATIONS.

THE CONTRACTOR SHALL RUN FIRE RATED WALLS AND PARTITIONS TO UNDERSIDE OF RATED ROOF/CEILING ASSEMBLY ABOVE. TAPE AND SEAL JOINTS. PROVIDE FIRE DAMPERS AT DUCT PENETRATIONS AS REQUIRED BY CODE. TAPE AND SEAL OTHER PENETRATIONS TO MAINTAIN INTEGRITY OF FIRE-RATED PARTITION USING ONLY UL APPROVED MATERIAL.

THE CONTRACTOR SHALL FINISH GYPSUM WALLBOARD ABUTTING OTHER MATERIAL WITH METAL EDGE STRIPS. CONCEAL PIPING, DUCTWORK, AND CONDUIT.

THE CONTRACTOR SHALL BACK ALL ELECTRICAL CABINETS, FIRE EXTINGUISHERS, CABINETS AND OTHER RECESSED EQUIPMENT LOCATED IN FIRE-RATED WALLS WITH 5/8" TYPE 'X' GYPSUM BOARD AS REQUIRED TO MAINTAIN THE RATING.

THE CONTRACTOR SHALL PROVIDE BRACING OR BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED EQUIPMENT: CABINETS, GRILLES, DOORS, WINDOWS, ETC. WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED. METAL STUDS MAY BE USED IN LIEU OF WOOD BLOCKING.

THE CONTRACTOR SHALL NOT CUT ANY STEEL, WOOD, OR OTHER MAIN STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

ANY ROOM, WALL, FLOOR, OR CEILING FINISH NOT SCHEDULED SHALL BE ASSUMED TO BE IDENTICAL TO THE CLOSEST ROOM OF SIMILAR USE AND TYPE FOR PURPOSES OF BIDDING AND CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY OBSERVED APPARENT DISCREPANCIES IN WRITING PRIOR TO COMMENCING WITH THE WORK.

ANY DETAIL NOT SPECIFICALLY REFERENCED SHALL BE ASSUMED TO BE SIMILAR TO THAT SHOWN IN THE CLOSEST POSITION WHERE A SIMILAR CONDITION OCCURS FOR THE PURPOSES OF BIDDING AND CONSTRUCTION. NOTIFY THE ARCHITECT IN WRITING OF ANY OBSERVED APPARENT DISCREPANCIES PRIOR TO COMMENCING WITH THE WORK.

WHERE TWO OR MORE DETAILS, MATERIALS, OR CONDITIONS OCCUR IN APPARENT CONFLICT, THE CONTRACTOR SHALL INCLUDE THE MOST COSTLY SOLUTION IN HIS BID AND NOTIFY THE ARCHITECT OF ANY APPARENT DISCREPANCIES PRIOR TO START OF CONSTRUCTION.

THE CONTRACTOR SHALL PROVIDE UPON COMPLETION OF THE WORK A SET OF "AS-BUILT" NEATLY MARKED UP PLANS, THE ELECTRICAL CONTRACTORS "AS-BUILT" DRAWINGS SHALL BE INCLUDED. THESE DRAWINGS SHALL BE TRANSMITTED TO THE OWNER.

### ABBREVIATIONS

AB	ANCHOR BOLT	GL	GLASS	POL	POLISHED
A/C	AIR CONDITIONING	GR	GRADE	PREFAB	PREFABRICATED
AF	ABOVE FINISH FLOOR	GYP	GYPSUM	PROJ	PROJECT
ALUM	ALUMINUM	HB	HOSE BIBB	PSF	POUNDS PER SQ. FOOT
APPROX	APPROXIMATE	HCP	HANDICAP	PSI	POUNDS PER SQ. INCH
ARCH	ARCHITECTURAL	HDW	HARDWARE	PRTR	PRESSURE TREATED
BD	BOARD	HGT	HEIGHT	PTD	PAINTED
BLDG	BUILDING	HM	HOLLOW METAL	PVMT	PAVEMENT
BLK	BLOCK	HR	HOUR	QTY	QUANTITY
BOTT	BOTTOM	HVAC	HEATING/VENTILATING/	REF	REFRIGERATOR
BRG	BEARING	INCL	AIR CONDITIONING	REQD	REQUIRED
BTWN	BETWEEN	INFO	HOT WATER	REINF	REINFORCING
CAB	CABINET	IN	INCH	RET	RETURN
CLG	CEILING	INCD	INCANDESCENT	REV	REVERSE, REVISION
CEM	CEMENT	INCL	INCLUDE	RGD	RIGID
CL	CLOSET	INFR	INFORMATION	RM	ROOM
CLR	CLEAR	INSUL	INSULATE-INSULATION	RO	ROUGH OPENING
COL	COLUMN	INT	INTERIOR	SCHED	SCHEDULE
CONC	CONCRETE	KIT	KITCHEN	SD	SOAP DISPENSER
CONSTR	CONSTRUCTION	LAM	LAMINATED	SEP	SEPARATE
CONT	CONTINUOUS	LAV	LAVATORY	SECT	SECTION
CONTR	CONTRACTOR	LB	POUND	SHLF	SHELF
CPT	CARPET	LIN	LINEAR	SHT	SHEET
CT	CERAMIC TILE	LL	LIVE LOAD	SIM	SIMILAR
CTR	CENTER	LT	LIGHT	SPC	SPECIFICATION
DEG	DEGREE	LVR	LOUVER	SPKR	SPEAKER
DEPT	DEPARTMENT	MATL	MATERIAL	SQ	SQUARE
DET	DETAIL	MAX	MAXIMUM	SF	SQUARE FEET
DF	DRINKING FOUNTAIN	MECH	MECHANICAL	STD	STANDARD
DIA	DIAMETER	MEMB	MEMBRANE	STL	STEEL
DIM	DIMENSION	MTL	METAL	STOR	STORAGE
DN	DOWN	MFC	METAL FURRING CHAN	SUB	SUBSTITUTE
DR	DOOR	MFR	MANUFACTURER	SURF	SURFACE
DWG	DRAWING	MN	MINIMUM	SUSP	SUSPEND-SUSPENDED
EA	EACH	MIR	MIRROR	SYS	SYSTEM
EL	ELEVATION	MISC	MISCELLANEOUS	T & G	TONGUE & GROOVE
ELEC	ELECTRICAL	MO	MASONRY OPENING	TEL	TELEPHONE
EQU	EQUAL	MR	MOISTURE RESISTANT	THK	THICK-THICKNESS
EQUIP	EQUIPMENT	NAT	NATURAL	TPH	TOILET PAPER HOLDER
EQUIV	EQUIVALENT	NIC	NOT IN CONTRACT	TRANS	TRANSFORMER
E/W	EACH WAY	#	NUMBER	TYP	TYPICAL
EXH	EXHAUST	NOM	NOMINAL	UGND	UNDERGROUND
EXIST	EXISTING	NTS	NOT TO SCALE	UL	UNDERWRITERS LAB.
EXT	EXTERIOR-EXTERNAL	OA	OVERALL, OUTSIDE AIR	UNO	UNLESS NOTED OTHERWISE
FD	FLOOR DRAIN	OC	ON CENTER	VERT	VERTICAL
FIN	FINISH	OPG	OPPOSITE	WI	WITH
FLR	FLOOR	OPP	OPPOSITE	WC	WATER CLOSET
FLUOR	FLUORESCENT	ORIG	ORIGINAL	WD	WOOD
FTG	FOOTING	PART	PARTITION	WH	WATER HEATER
FURR	FURRING	PL	PLATE	WM	WIRE MESH
GAGE	GAGE, GAUGE	PLAS	PLASTER	W/O	WITHOUT
GALV	GALVANIZED	PLYWD	PLYWOOD	WP	WATERPROOF
		PNL	PANEL	WS	WEATHER STRIPPING
		PNT	PAINT	WWF	WELDED WIRE FABRIC

### PROJECT DATA

**SCOPE OF WORK:** NEW TENANT IMPROVEMENT WITHIN AN EXISTING COMMERCIAL BUILDING SPACE. WORK TO INCLUDE BUT NOT LIMITED TO:  
- NEW INTERIOR WALLS & DOORS  
- NEW FINISHES  
- NEW MILLWORK  
- ELECTRICAL IMPROVEMENTS  
- PLUMBING IMPROVEMENTS  
- MECHANICAL ADJUSTMENTS

**MUNICIPALITY:** CITY OF DENVER

**BUILDING HEIGHT:** MULTI-STORY (5-STORIES)

**AREA OF WORK:** 2,000 SF ON STREET LEVEL

**LEVEL OF ALTERATION:** ALT-2 APPLICATION FOR INTERIOR RENOVATION

**TYPE OF CONSTRUCTION:** TYPE II-B

**FIRE SPRINKLER SYSTEM:** YES

**FIRE ALARM SYSTEM:** YES

**OCCUPANCY CLASSIFICATION:** BUSINESS (B)

ALLOY IS A PERSONAL TRAINING FACILITY

### CODE CALCULATIONS

**OCCUPANT LOAD CALCULATIONS:**  
PER TABLE 1004.5 (2021) IBC

**OCCUPANCY CLASSIFICATION: BUSINESS (B)**  
**TOTAL BUSINESS AREA / 150 GROSS**

TOTAL BUSINESS AREA	1565 SF / 150 = 11 OCCUPANTS
FITNESS AREA	1174 SF / 50 = 24 OCCUPANTS
LOBBY	273 SF / 15 = 19 OCCUPANTS
BOH	181 SF / 150 = 2 OCCUPANTS
OFFICE	131 SF / 150 = 1 OCCUPANT
<b>TOTAL OCCUPANTS = 46</b>	

**PLUMBING FIXTURES CALCULATIONS:**  
PER TABLE 403.1 2021 INTERNATIONAL PLUMBING CODE

**WATER CLOSETS:** (1 PER 25 FOR THE FIRST 50 = 2 REQUIRED. THIS TENANT SPACE UTILIZES EXISTING SHARED RESTROOMS WHICH INCLUDE 2 MEN'S WATER CLOSETS AND 2 LAVATORIES AND 2 WOMEN'S WATER CLOSETS AND 2 LAVATORIES. THESE RESTROOMS ARE SHARED WITH ONE OTHER EXISTING TENANT WHICH IS A 2200 SF B-OCCUPANCY CO-WORKING SPACE WITH 22 OCCUPANTS. 46 OCCUPANTS + 22 OCCUPANTS = 68 OCCUPANTS / 2 = 34 MEN/34 WOMEN. A TOTAL OF 2 WATER CLOSETS FOR MEN AND 2 WATER CLOSETS FOR WOMEN ARE REQUIRED AND PROVIDED)

**DRINKING FOUNTAIN:**  
1 REQUIRED / 2 PROVIDED

**SERVICE SINK:**  
1 REQUIRED / 1 PROVIDED

**EXIT REQUIREMENTS:** (1) EXIT REQUIRED; (2) PROVIDED

SPRINKLERED

### APPLICABLE CODES

THIS PROJECT SHALL ADHERE TO THE FOLLOWING CODES:

- 2021 INTERNATIONAL BUILDING CODE
- 2023 NATIONAL ELECTRICAL CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2021 INTERNATIONAL PLUMBING CODE
- 2021 INTERNATIONAL FUEL AND GAS CODE
- 2021 INTERNATIONAL FIRE CODE
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE

### DEFERRED SUBMITTALS

- A. FIRE SPRINKLER SYSTEM
- B. FIRE ALARM SYSTEM
- C. EXTERIOR SIGNAGE
- D. STRUCTURAL IMPROVEMENTS FOR HVAC SYSTEM

### SYMBOLS

	SECTION		KEY NOTE
	SECTION NUMBER		TOILET FIXTURE OR ACCESSORY
	ELEVATION		EQPT. NOTATION
	ELEVATION NUMBER		FINISH NOTATION
	DETAIL		PARTITION TYPE
	DETAIL NUMBER		REVISION NUMBER
	DETAIL SHEET NUMBER		
	ROOM		HEIGHT CEILING
	ROOM IDENTIFICATION		FINISH HEIGHT / FINISH TAG
	ROOM NUMBER		CLG. TYPE
	DOOR NUMBER		WINDOW TYPE
	EXISTING DOOR, UNO		NEW DOOR, UNO
	ELEVATION MARK		

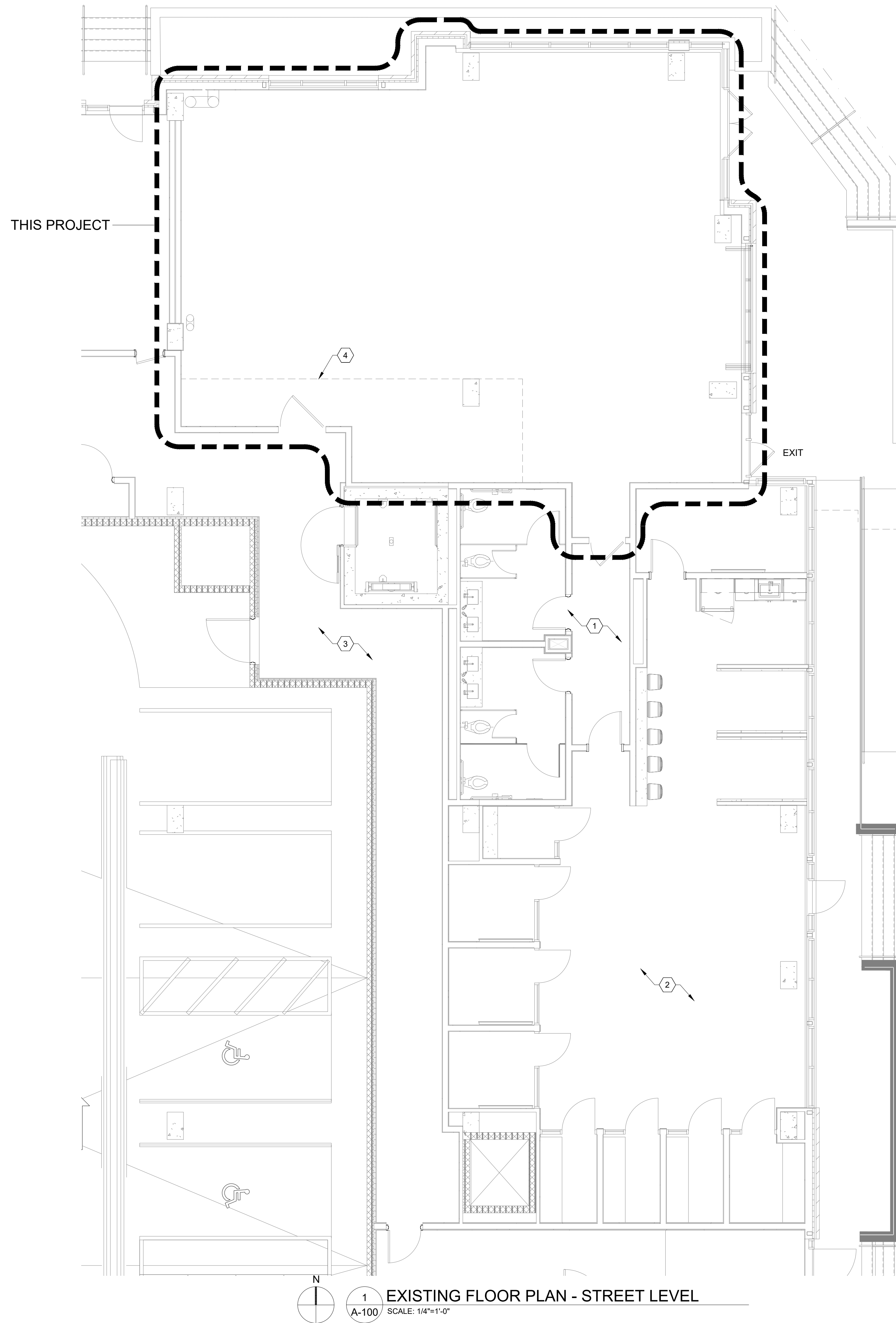
### PROJECT CONTACTS

<b>PROJECT MANAGER</b> ALN CONSULTING 5143 SUN MEADOW DR BRUNSWICK, OH PH: 440.212.2430 CONTACT: TONYWOJTON@ALN-CONSULTING.COM	<b>ARCHITECTURE</b> <b>BARR ARCHITECTURE, INC</b> PRINCIPAL: RON BARR, A.I.A. CONTACT: KRISTY BALLOG 5011 SOUTH STATE ROAD 7, SUITE 107 DAVIE, FL 33314 OFFICE: 954-418-2277 KRISTY@BARRARCHITECTURE.COM
<b>OWNER - FRANCHISE PARTNER</b> HANSEN FITNESS, LLC BLAKE HANSEN 3227 N FILLMORE ST DENVER, CO 80205 E-MAIL: B.HANSEN@ALLOYPERSONALTRAINING.COM	<b>BUILDING DEPARTMENT</b> CITY OF DENVER 201 W COLFAX AVE #205 DENVER, CO 80202 P: 720.865.2700



**KEYNOTES**

1. EXISTING SHARED ADA RESTROOMS TO REMAIN - NO WORK
2. ADJACENT CO-WORKING (B-OCCUPANCY) TENANT TO REMAIN - NO WORK
3. EXISTING INTERIOR EXIT CORRIDOR WITH ACCESS TO PARKING GARAGE AND RESIDENTIAL UNITS - NO WORK
4. EXISTING CONCRETE SHELF TO REMAIN



**1**  
A-100  
EXISTING FLOOR PLAN - STREET LEVEL  
SCALE: 1/4"=1'-0"

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<b>EXISTING FLOOR PLAN</b>	
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Date: 11.04.24	Sheet No.
Project No. 24-1909	<b>A-100</b>

### GENERAL SHEET NOTES

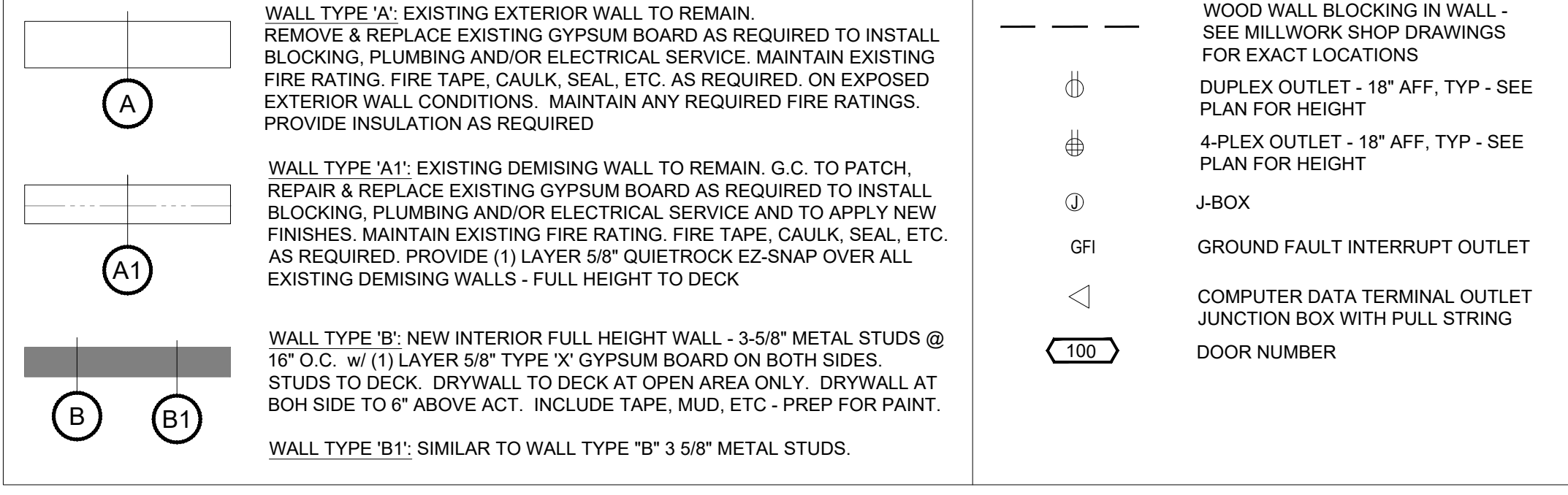
- THE GENERAL CONTRACTOR (G.C.) SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE & OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF MEASUREMENTS DIFFER FROM DIMENSIONS INDICATED ON THESE PLANS, THE G.C. IS TO NOTIFY THE TENANT IMMEDIATELY. THE G.C. IS RESPONSIBLE FOR CORRECTING ANY & ALL DISCREPANCIES AT NO ADDITIONAL EXPENSE TO TENANT.
- GENERAL CONTRACTOR SHALL INSPECT ALL SLAB AREAS PRIOR TO SUBMITTING A BID AND INCLUDE IN THEIR BID THE FOLLOWING: REFER TO GENERAL NOTES 3 & 5.
- G.C. IS RESPONSIBLE FOR A SMOOTH, LEVEL SLAB (1/8" MAX SLOPE IN 10'-0" IN ALL DIRECTIONS) AND A STRUCTURALLY SOUND SLAB.
- G.C. SHALL REMOVE EXISTING FLOORING IN ALL AREAS, UNO. G.C. SHALL PATCH, REPAIR, LEVEL AND PREP CONCRETE TO RECEIVE NEW FINISHES. SAW CUT CONCRETE SLAB AND TRENCH SHALL BE PROVIDED FOR NEW UNDER SLAB SANITARY PLUMBING WORK. SEE FLOOR PLAN AND PLUMBING DRAWINGS. GC SHALL THOROUGHLY CLEAN EXISTING SLAB AS REQUIRED FOR NEW FLOORING MATERIALS AFTER ALL SLAB PATCHING FOR NEW PLUMBING IS COMPLETE. GRIND DOWN SMOOTH, ROUGH AREAS OR HIGH SPOTS. COORDINATE ANY TRENCHING LOCATIONS W/ MEP SHEETS. GC SHALL PATCH AND REPAIR CONCRETE SLAB TO LIKE NEW CONDITIONS AND PREPARE FOR NEW FINISHES. THE G.C. SHALL PATCH & REPAIR ALL EXISTING SURFACES AS NECESSARY BEFORE APPLYING NEW FINISHES. ALL SPOT, POROUS, FLAKING OR OTHERWISE DEFECTIVE FINISHES SHALL BE REMOVED BEFORE APPLICATION OF NEW MATERIALS. OPENINGS, VOIDS, OR UNFINISHED SURFACES CREATED BY REMOVAL OR MODIFICATION OF EXISTING WORK SHALL BE FILLED OR PATCH & FINISHED AS NECESSARY TO MATCH EXISTING CONDITIONS FOR NEW FINISHES REQ. SPECIFICALLY, FLOOR SURFACES AT ENTRY SHALL BE LEVELED TO ASSURE SMOOTH SURFACE TRANSITION BETWEEN EXISTING & NEW FLOOR FINISH MATERIALS. PRIOR TO INSTALLATION OF ALL FLOORING, GC SHALL TEST MOISTURE CONTENT OF SLAB AND ENSURE IT IS WITHIN THE MANUFACTURER'S SPECIFIED ALLOWANCE. GC SHALL PROVIDE PROTECTION FOR ALL FLOORING AFTER INSTALLATION TO PREVENT ANY DAMAGE.
- G.C. SHALL VERIFY THAT DEMISING WALLS EXTEND TO STRUCTURE ABOVE AND ALL PENETRATIONS ARE SEALED TIGHT, AS REQUIRED BY LANDLORD AND SHALL PROVIDE ALL WORK REQUIRED TO CORRECT DEFICIENT CONDITIONS THE G.C. IS RESPONSIBLE TO MAINTAIN THE ARCHITECTURAL, STRUCTURAL AND FIRE RATING INTEGRITY OF THE LANDLORD'S DEMISING WALLS, FLOOR SLAB, BEAMS, COLUMNS, ROOF DECK, ETC.
- ALL METAL STUDS ARE TO BE 20 GA. TYPICAL NON-LOAD BEARING PARTITIONS. SEE USG STEEL-FRAMED DRYWALL SYSTEMS 'LIMITING HEIGHT' STEEL STUD ASSEMBLY CHART. USE THE L240 ALLOWABLE DEFLECTION ON FIGURES ONLY ALL GYPSUM BOARD TO BE 5/8" TYPE 'X' UNLESS NOTED OTHERWISE.
- THE G.C. SHALL COORDINATE WORK OF VARIOUS TRADES IN INSTALLATION OF INTERRELATED WORK. BEFORE INSTALLATION OR WORK BY ANY TRADE BEGINS, MAKE PROPER PROVISIONS TO AVOID INTERFERENCES. THIS SHALL INCLUDE WORK BY ANY OF THE TENANTS SUBCONTRACTORS AS WELL AS THOSE UNDER CONTRACT W/ THE G.C.
- PROVIDE METAL OR F.R.T. WOOD BLOCKING FOR ALL SIGNS, HOOKS, TOILET ROOM ACCESSORIES & ANY OTHER WALL MOUNTED EQUIPMENT. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY FOR MILLWORK W/ MILLWORK.
- ALL FRAMING LUMBER, PLYWOOD AND CONCEALED WOOD SHALL BE FIRE RETARDANT TREATED (F.R.T.) - NO WOOD IN CEILING PLENUM ABOVE SPRINKLER COVERAGE.
- DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE FROM FINISH FLOOR ELEVATION.
- ALL INTERIOR FINISH & TRIM MATERIALS SHALL MEET APPLICABLE CODES FOR FLAME SPREAD RATINGS.
- MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" (U.N.O.)
- THE G.C. SHALL PROVIDE SAUK JOINTS WHERE GYP. BD. MEETS THE FLOOR OR ROOF DECK - PACK FLUTES AT DECK AS REQUIRED.
- PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
- TENANT'S CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL WITHIN THE LANDLORD'S TENANT CRITERIA MANUAL INCLUDING ITS RULES AND REGULATION.
- ALL SUPPORTS TO BE FROM STRUCTURAL JOISTS AND BEAMS AND NOT FROM THE DECK ABOVE.
- EXISTING STOREFRONT MULLIONS AND EXTERIOR DOORS NO LONGER IN USE TO BE CLEANED, ANY HOLES INFILLED, SEALED, HARDWARE REMOVED AND CAPPED. PATCH AND REPAIR AS REQUIRED AND REFINISH TO LIKE NEW CONDITION. FINISH TO MATCH EXISTING ADJACENT, U.N.O.
- G.C. SHALL BE RESPONSIBLE FOR COORDINATING SECURITY & ACCESS CONTROL SYSTEM WITH OWNERS SUB-CONTRACTOR TO ENSURE THAT CERTIFICATE OF OPENING IS NOT DELAYED.
- ALL SECURITY SYSTEM CAMERAS SHALL BE DOME CAMERAS.
- HVAC CONTRACTOR SHALL CLEAN COILS AND CHANGE FILTERS PRIOR TO TURN OVER.
- THE SECURITY SYSTEM SHALL BE PROVIDED BY OTHERS UNDER A SEPARATE PERMIT.
- THE FIRE ALARM CONTRACTOR SHALL INSTALL WIRES TO THE ACCESS CONTROL PANEL.
- THE ACCESS CONTROL CONTRACTOR SHALL MAKE THE FINAL CONNECTIONS. WHEN AVAILABLE ALL TELECOMMUNICATIONS AND SECURITY/ACCESS CONTROL SYSTEMS SHALL BE PLACED IN A SECURE CLOSET.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CLEANING PRIOR TO TURNING THE SPACE OVER TO THE TENANT. CLEANING SHALL INCLUDE BUT NOT BE LIMITED TO: REMOVAL OF GREASE, MASTIC, ADHESIVES, DUST, DIRT, STAINS, FINGERPRINTS, LABELS, AND OTHER FOREIGN MATERIALS FROM EXPOSED INTERIOR AND EXTERIOR SURFACES. PRESSURE WASH EXTERIOR PAVED SURFACES.
- ALL CEILING HEIGHTS ARE FROM TOP OF FINISH FLOOR TO UNDERSIDE OF FINISH CEILING OR LIGHT FIXTURE - TYP. U.N.O.
- ALL CEILING HEIGHTS TO BE COORDINATED AND CONFIRMED IN THE FIELD. IF A CEILING HEIGHT NOTED CANNOT BE ACHIEVED, NOTIFY ARCHITECT AND PROJECT MANAGER IMMEDIATELY.
- THE G.C. SHALL SET ALL CEILING AND SOFFITS USING A LASER LEVEL TO ACHIEVE A CEILING SQUARE TO ALL WALLS AND SOFFITS.
- LATERAL BRACING FOR SUSPENDED CEILING MUST BE PROVIDED BY CEILING CONTRACTOR. ADDITIONAL HANGER AND SAFETY WIRES FOR LIGHT FIXTURES, DUCTWORK, SPEAKERS, ETC. TO BE THE RESPONSIBILITY OF THE CEILING CONTRACTOR.
- THE G.C. TO VERIFY W/ LL. METHOD OF ATTACHMENT FOR ALL ITEMS ANCHORED TO, OR SUSPENDED FROM EXISTING STRUCTURE.
- ARCH. DRAWINGS DETERMINE THE LOCATION OF LUMINAIRES & SUPERSEDE ALL OTHERS. TYP. U.N.O. - REFER TO ELECT. DRAWINGS FOR EXACT FIXTURE TYPE & QUANTITIES PROVIDED.
- REFER TO MECHANICAL DRAWINGS FOR EXPOSED LOCATIONS OF DIFFUSERS & SUSPENDED MECHANICAL DUCTWORK DISTRIBUTION SYSTEM.
- PROVIDE ADEQUATE CLEARANCES FOR FIXTURES, DUCTS, CEILINGS AND RELATED PERTINENT ITEMS NECESSARY TO MAINTAIN SPECIFIC HEIGHTS ABOVE FINISH FLOOR.
- THE G.C. TO PROVIDE NECESSARY BLOCKING AND BRACING FOR FIXTURE INSTALLATION AND ALL ELECTRICAL COMPONENTS TO COMPLETE THE FINAL INSTALLATION OF ALL FIXTURES - COORDINATE WITH FIXTURE SUPPLIER.
- COORDINATE ANY NEW ROOF PENETRATIONS WITH LANDLORD AND LANDLORD'S ROOF CONTRACTOR.
- DIMENSIONS ARE FROM FACE OF GYP. BD. TYP. U.N.O.
- COORDINATE ADDITIONAL CEILING ACCESS DOORS W/ PROJECT MANAGER AND AS REQUESTED BY LANDLORD TO MAINTAIN ACCESS TO LANDLORD EQUIPMENT.
- ELECTRICIAN TO AIM ALL TRACK HEADS. COORDINATE WITH PROJECT MANAGER FOR DIRECTION AND ORIENTATION.
- ATTACH ALL LIGHT FIXTURES TO BUILDING STRUCTURE OR CEILING GRID. DO NOT ATTACH LIGHT FIXTURES TO CEILING TILES.

NOTE: ANY AND ALL EXISTING FIRE PROOFING ON EXISTING STRUCTURE SHALL REMAIN UNDISTURBED. PATCH, REPAIR OR REPLACE AS REQUIRED TO MAINTAIN EXISTING FIRE RATING.

CONTRACTOR IS RESPONSIBLE FOR MAKING ALL ROOF, WALL AND FLOOR PENETRATIONS WATER TIGHT.

CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL REQUIRED FIRE RATINGS AT ALL ROOF, WALL AND FLOOR PENETRATIONS.

### WALL CONSTRUCTION LEGEND



### FLOOR PLAN KEYNOTES

- NEW RECESSED ELECTRICAL PANEL. GC TO CONFIRM FINAL LOCATION. GC TO RUN CONDUIT AND WIRES FROM SECONDARY ELECTRICAL ROOM (LOCATED ON LOWER LEVEL) TO NEW ELECTRICAL PANEL.
- WATER HEATER ABOVE EXISTING MOP SINK - SEE PLUMBING. LOCATE WATER HEATER ABOVE CONCRETE SHELTER IF NEEDED.
- FURR AROUND EXISTING CONDITIONS - HOLD AS TIGHT AS POSSIBLE. FURR TO PAINT HEIGHT
- READILY VISIBLE DURABLE SIGN POSTED ON EGRESS SIDE ON OR ADJACENT TO DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN SUITE IS OCCUPIED." THE SIGN SHALL BE IN LETTERS 1" (25.4mm) HIGH ON CONTRASTING BACKGROUND.
- EXISTING TENANT DEMISING WALL TO REMAIN AS-IS. EC TO PROVIDE RATED OUTLET AND JUNCTION BOXES IN ALL RATED WALLS. GC TO CONFIRM CONDITION OF WALL AND PROVIDE TAPE/MUD AS REQUIRED TO PREPARE FOR PAINT
- SONOS SPEAKERS TO BE INSTALLED AT THE LOWEST POINT ABOVE THE BLACK PAINT LINE. OUTLETS FOR SPEAKER SHOULD MIRROR THE HEIGHT OF THE SPEAKER TO HIDE CORDS
- PROVIDE WOOD BLOCKING IN WALL FOR TV. PROVIDE DATA FOR TV AS REQUIRED
- FIRE EXTINGUISHER -2A:10BC
- GC TO PROVIDE DRYWALL, TAPE, MUD, CORNER BEADS, ETC AS REQUIRED AT ALL EXISTING WALLS, TYP
- EXISTING CONCRETE SHELF TO REMAIN
- EXISTING CONCRETE COLUMNS TO REMAIN
- FURR WALL AS NEEDED FOR PLUMBING AND ELECTRICAL
- WALL HEIGHT AT BOH AND OFFICE TO UNDERSIDE OF CONCRETE DECK
- FLOOR DATA/OUTLETS - GC TO XRAY SLAB ARE POST TENSION. GC TO TRENCH SLAB OR PROVIDE PENETRATION AND RUN WIRES IN CONDUIT
- EXISTING SHARED RESTROOMS TO REMAIN - NO WORK

### RESPONSIBILITY MATRIX

DESCRIPTION	FRANCHISEE		BUILD'M		CONTRACTOR		VENDOR	
	PURCHASE	PROCURE	FURNISH	INSTALL	FURNISH	INSTALL		
OFFICE/LOBBY	X					X		
RESTROOM QUARTZ COUNTER TOP				X	X			
MILLWORK (DESK AND RETAIL WALL)	X	X		X	X			
EQUIPMENT - TORQUE	X	X				X	X	
INBODY 570	X	X				X		
FIXTURES					X	X		
LIGHTING					X	X		
PLUMBING					X	X		
AUDIO/VIDEO	X						X	X
EXTERIOR SIGNAGE	X	X					X	X
INTERIOR GRAPHICS & FLOOR DECAL	X	X					X	X
SIGNAGE	X	X					X	X
CEILINGS/PAINT					X	X		
LVT (FROM REQUIRED VENDOR)					X	X		
RUBBER FLOORING (FROM PLAE - REQUIRED VENDOR)					X	X		
DOORS, FRAMES & HARDWARE					X	X		
FANS					X	X		
SLAT WALL	X	X			X			
TASK CHAIR	X							
REFRIGERATOR	X							
MOUNTING BRACKET FOR TV / MOUNTING BRACKET FOR SPEAKER	X						X	
WASHER/DRYER	X						X	
AED	X						X	
BATHROOM CABINETS					X	X		
TABLETS (2)	X							
LAPTOP (2)	X							
DESKTOPS (1)	X							
INTERVAL TIMER (IN TORQUE PACKAGE)	X						X	
60"-65" FLAT SCREEN TV	X						X	
SONOS ONE SPEAKERS (2)	X						X	

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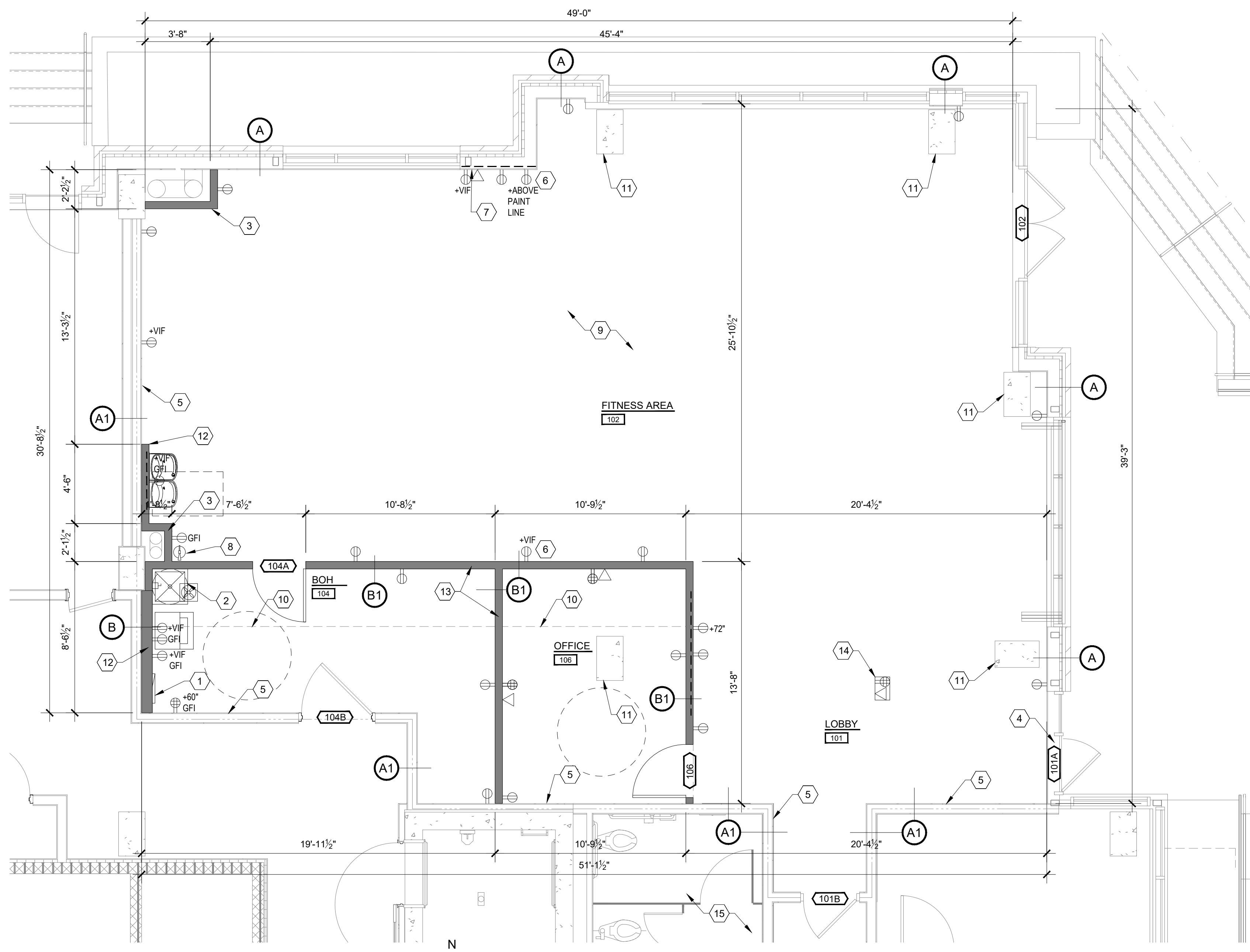
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**1 DIMENSIONED FLOOR PLAN**  
 SCALE: 1/4"=1'-0"

\*\*GC TO COORDINATE BUILD-OUT WITH BRAND STANDARDS AND MILLWORK SHOP DRAWINGS. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PM\*\*

Sheet Title:  
**FLOOR PLAN**

Scale:  
 NOTED

Date:  
 11.04.24

Project No.  
 24-1909

Sheet No.  
**A-101**

**GENERAL SHEET NOTES**

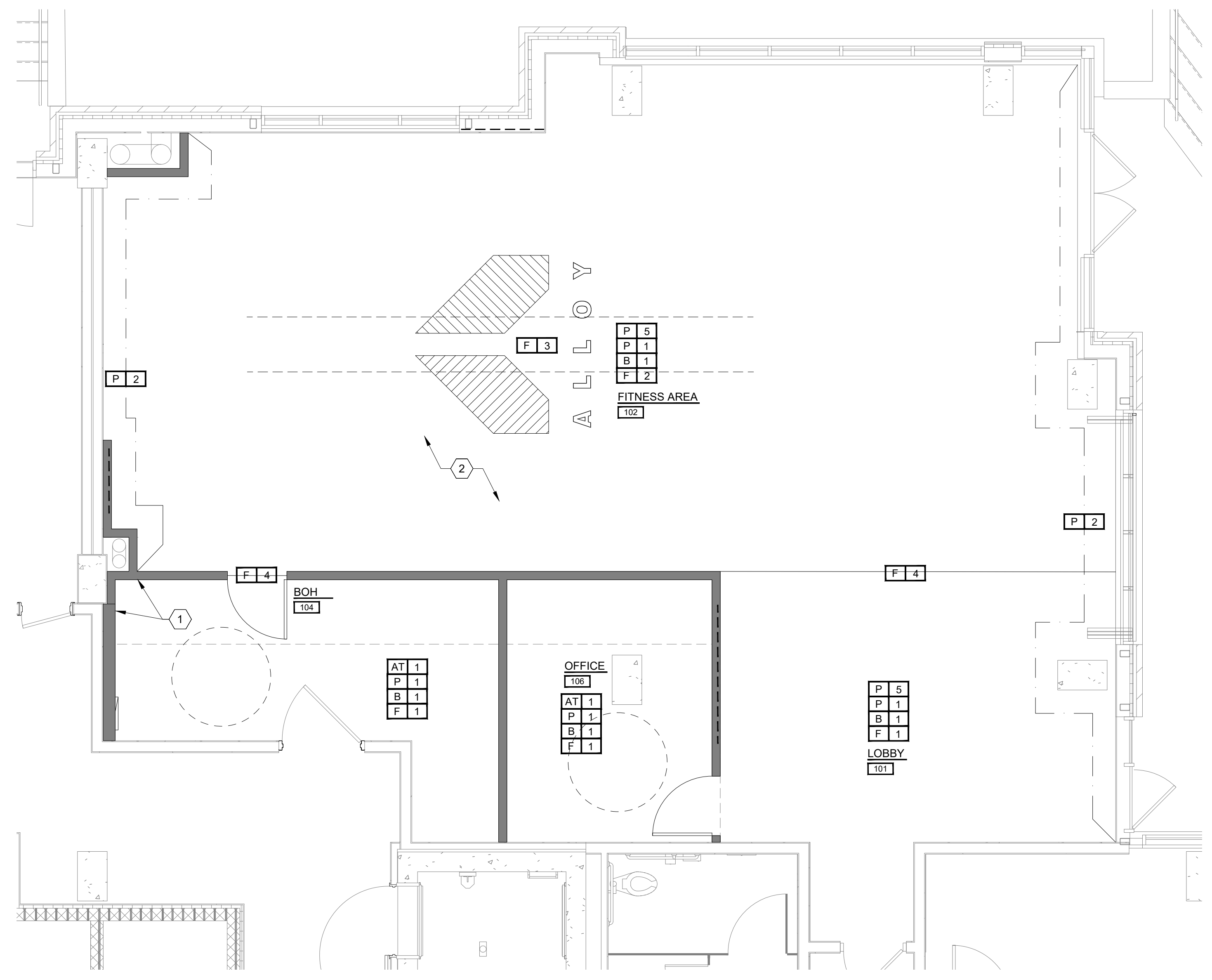
1. **XX XX** INDICATES TYPICAL FINISHES WITHIN ROOM U.N.O.
2. ALL FLOOR COVERING MATERIALS TO BE INSTALLED PER MANUFACTURER'S STANDARD DETAILS AND SPECIFICATIONS. VERIFY W/ MANUFACTURER PRIOR TO INSTALLATION.
3. ALL MATERIAL TRANSITIONS AT DOOR THRESHOLDS TO TAKE PLACE AT DOOR CENTERLINE U.N.O.
4. ALL DIMENSIONS ARE TO CENTERLINE OF TRANSITION BETWEEN FLOORING MATERIALS OR FINISH COLOR OF SAME MATERIAL. PLANS DO NOT SHOW ALL TILES OF SAME MATERIALS.
5. DOORS MUST REMAIN OPEN DURING ALL HOURS OF BUSINESS OPERATIONS.
6. ALL FINISHES SHALL COMPLY w/ CLASS 'C' FLAME SPREAD REQUIREMENTS PER IFC SECTION 803, TABLE 803.5
7. SEE THIS SHEET FOR FINISH SCHEDULE. PRIOR TO INSTALLATION OF ALL FLOORING, GC TO TEST MOISTURE CONTENT OF SLAB AND ENSURE WITHIN MANUFACTURER'S SPECIFIED ALLOWANCE. GC TO PROVIDE PROTECTION FOR ALL FLOORING AFTER INSTALLATION TO PREVENT ANY DAMAGE.
8. GC TO PROVIDE A LEVEL FLOOR OR LANDING ON EACH SIDE OF A DOOR NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY.
9. CONCRETE POURBACK MUST MATCH LANDLORD'S SPECS OR MATCH EXISTING IN FIELD, WHICHEVER IS MORE STRINGENT. GC TO NOTIFY LANDLORD REPRESENTATIVE MINIMUM 48 HOURS PRIOR TO POURBACK FOR VISUAL INSPECTION.
10. REFER TO 11-A501 FOR TYPICAL SAWCUT/POURBACK DETAIL.
11. ALL FLOOR AND WALL PENETRATIONS ARE TO BE SEALED PER APPLICABLE CODES.
12. SHEET VINYL AND VINYL PLANK: CLEAN PER MANUFACTURER'S GUIDELINES PRIOR TO INSTALL. DRYWALL TO BE LEVEL 4 SMOOTH.
13. SEE SHEET A-801 FOR ARCHITECTURAL SPECIFICATIONS
14. COORDINATE WITH BRAND STANDARDS FOR ALL WALL AREAS REQUIRED TO BE CLEAR OF OBSTACLES

**ALL FINISHES SHALL BE REVIEWED AND APPROVED BY OWNER PRIOR TO ORDERING, PROCURING AND INSTALLING MATERIALS. GC IS RESPONSIBLE FOR COORDINATION OF ALL FINISH MATERIALS AND INSTALLATION METHODS.**

**FINISH PLAN KEYNOTES**

1. PROVIDE WHITE FRP PANEL AT TWO SIDES OF MOP SINK UP TO 48" AFF. MARLITE S-100 OR EQ. IF NOT EXISTING
2. CONCRETE FLOOR CONDITIONS TO BE TESTED BEFORE NEW RUBBER FLOOR IS INSTALLED TO ENSURE PROPER INSTALLATION ADHESION, TYP

FINISH SCHEDULE	
<b>F 1</b>	LVT FLOORING: F1 MANUFACTURER: MILLIKEN STYLE: WILDERNESS MIND165 CLOVE 6" X 48", CLASS III TYPE B NOTE: GLUE DOWN. INSTALL WITH 1/3 DROP EACH ROW LOCATION: LOBBY, RESTROOM, BOH
<b>F 2</b>	RUBBER FLOORING: F2 MANUFACTURER: PLAE STYLE: ACHIEVE 2, 8mm X 48" D962, ARTEMIS GRAY, TYPE B ASTM D2859 NOTE: INSTALLED BY VENDOR, CLASS III TYPE B LOCATION: OPEN GYM
<b>F 3</b>	ENGINEER FLOOR GRAPHIC: F2 MANUFACTURER: PLAE STYLE: CORPORATE LOGO FORMAT ALLOY, TYPE B ASTM D2859 NOTE: PROVIDED AND INSTALLED BY TENANT LOCATION: CENTER OF OPEN GYM
<b>F 4</b>	FLOOR TRANSITION TRANSITION STRIP BETWEEN LVT AND RUBBER FLOORING - PROVIDED AND INSTALLED BY CONTRACTOR
<b>B 1</b>	BASE: 4" RUBBER MANUFACTURER: JOHNSONITE MODEL DC 40 4 x120 1/8 TOE, BLACK, CLASS B LOCATION: THROUGHOUT
<b>P 1</b>	PAINT: P1 MANUFACTURER: SHERWIN WILLIAMS: PRO CLASSIC LATEX PAINT COLOR: SITE WHITE SW7070, SATIN FINISH ON WALLS, SEMI-GLOSS ON HOLLOW METAL DOOR FRAMES LOCATION: ALL WALLS THROUGHOUT TENANT SPACE TO PAINT LINE, U.N.O
<b>P 2</b>	PAINT: P2 MANUFACTURER: SHERWIN WILLIAMS: PRO CLASSIC LATEX PAINT COLOR: MONORAIL SILVER SW 7663, SATIN FINISH ON WALLS, SEMI-GLOSS ON HOLLOW METAL DOOR FRAMES LOCATION: AS NOTED ON PLANS
<b>P 3</b>	PAINT: P3 NOT USED
<b>P 4</b>	PAINT: P4 MANUFACTURER: SHERWIN WILLIAMS: PRO CLASSIC LATEX PAINT COLOR: TRICORN BLACK SW 6258 LOCATION: DOORS
<b>P 5</b>	PAINT: P5 MANUFACTURER: SHERWIN WILLIAMS: PRO CLASSIC LATEX PAINT COLOR: MATTE BLACK, FLAT FINISH LOCATION: UNDERSIDE OF DECK AND DUCTWORK. PAINT LINE TO START AT HEIGHT OF THE LOWEST STRUCTURAL ELEMENT (MIN 10'-0", MAX 14'-0" - SEE ELEVATIONS)
<b>AT 1</b>	ACOUSTICAL CEILING TILE (WHITE) 2'X2'X5/8" DUNE TEGULAR TILE WITH 15/16" CEILING GRID BY ARMSTRONG, CLASS A



**1 FINISH PLAN**  
A-111 SCALE: 1/4"=1'-0"


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<b>FINISH PLAN &amp; FURNITURE PLAN</b>	
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Date: 11.04.24	Sheet No.
Project No.	<b>A-111</b>
24-1909	

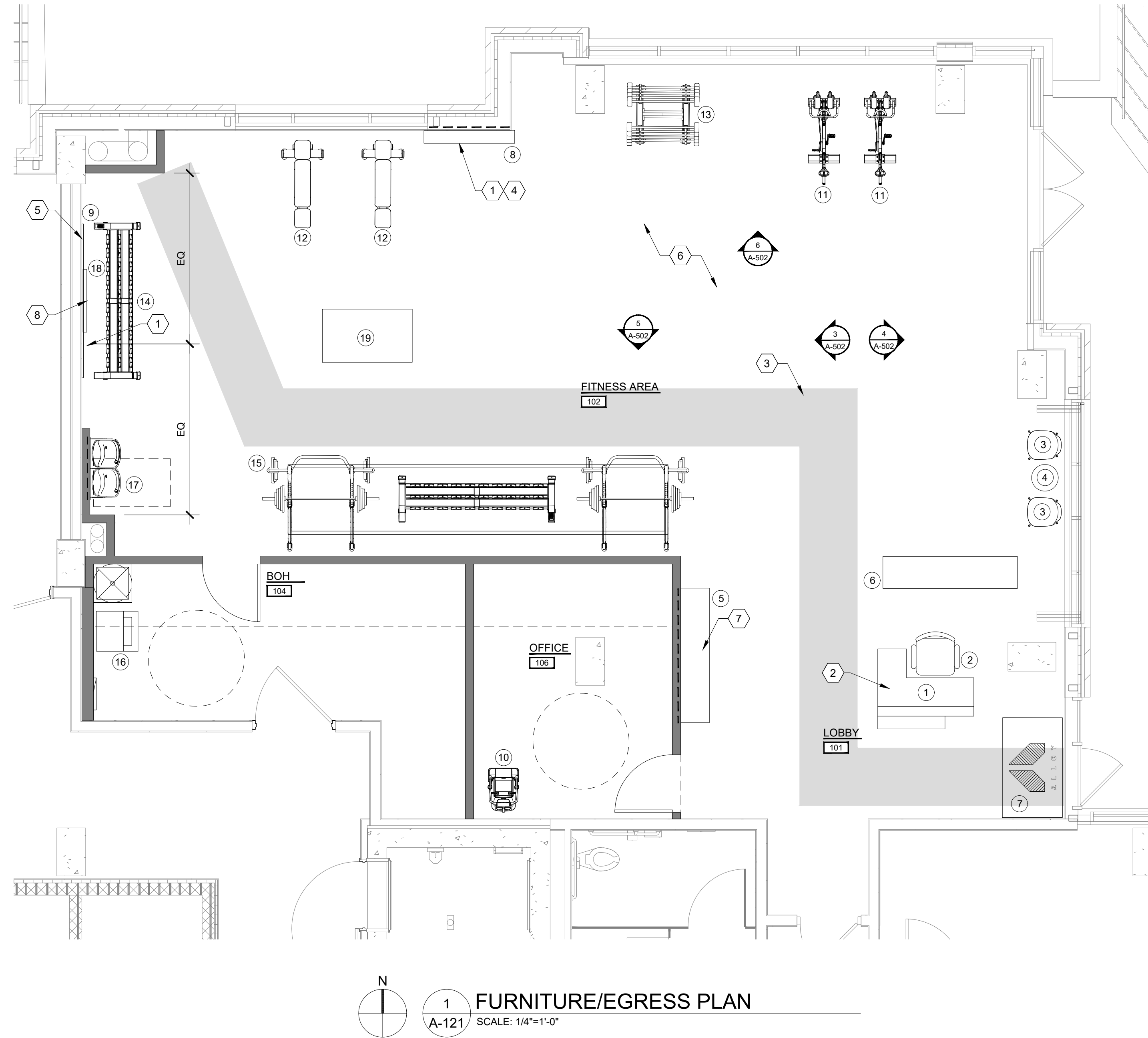
\*\*GC TO COORDINATE BUILD-OUT WITH BRAND STANDARDS AND MILLWORK SHOP DRAWINGS. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PM\*\*

### FURNITURE SCHEDULE

- PROVIDED AND INSTALLED BY TENANT, U.N.O.
- ① CUSTOM RECEPTION DESK (PROVIDED BY TENANT, INSTALLED BY GC)
  - ② TASK CHAIR (BLACK OR YELLOW)
  - ③ GUEST CHAIR
  - ④ ROUND METAL TABLE
  - ⑤ RETAIL CABINET (PROVIDED BY TENANT, INSTALLED BY GC)
  - ⑥ CUBBY
  - ⑦ LOGO ENTRY MAT
  - ⑧ 60" MIN TV - WALL MOUNTED WITH PIVOT MOUNT (PROVIDED BY TENANT, INSTALLED BY GC)
  - ⑨ SLAT WALL 4' X 8' (PROVIDED BY TENANT, INSTALLED BY GC)
  - ⑩ INBODY 570 SCALE
  - ⑪ ASSALT AIR BIKE ON WHEELS (PERFORMBETTER.COM)
  - ⑫ TORQUE INCLINE BENCH
  - ⑬ BARBELL RACK 36"W X 44-1/2"L X 58"H
  - ⑭ DUMBBELL RACK
  - ⑮ CUSTOM TORQUE FITNESS RACK A (torquefitness.com)
  - ⑯ STACKABLE WASHER/DRYER (PROVIDED BY TENANT, INSTALLED BY GC)
  - ⑰ HILO DRINKING FOUNTAIN (PROVIDED AND INSTALLED BY GC)
  - ⑱ LIGHTED SIGN (DIRECTLY WIRED TO JBOX ABOVE CEILING IN ADJACENT ROOM - PROVIDED AND INSTALLED BY TENANT, CONNECTED BY EC)
  - ⑲ TORQUE TANK

### FURNITURE PLAN KEYNOTES

1. ALL FIXED FURNITURE AND WALL MOUNTED ITEMS TO BE INSTALLED PER MILLWORK SHOP DRAWINGS AND BRAND STANDARDS. GC TO CAREFULLY FOLLOW ALL INSTALLATION INSTRUCTIONS CLOSELY, INCLUDING EXACT LOCATIONS OF EACH ITEM AND ALL REQUIRED ASSEMBLY AND ATTACHMENT METHODS. TYP. ANY DISCREPANCIES TO BE BROUGHT TO THE PM. WALL AREAS TO BE CLEAR OF ANY AND ALL OBSTRUCTIONS
2. CHECK-IN DESK - ALL TRANSACTIONS ARE DONE ON HAND HELD DEVICES.
3. 36" WIDE ACCESSIBLE PATH OF TRAVEL - TRAVEL DISTANCE FROM FURTHEST POINT TO FRONT DOOR: 74'-1"
4. WALL MOUNTED TV - BOTTOM OF TV AT +60" AFF. MOUNTING BRACKET TO HAVE PIVOT CAPABILITIES
5. SLAT WALL INSTALL HEIGHT - +48" AFF
6. GC TO WORK WITH OWNER ON ANY ADDITIONAL REQUIRED INTERIOR GRAPHICS AND SIGNAGE THROUGHOUT THE SPACE
7. GC TO SECURE RETAIL UNIT TO WALL
8. ALLOY LIGHTED SIGN TO BE LOCATED ABOVE SLAT WALL - CONFIRM FINAL LOCATION WITH OWNER



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\*\*GC TO COORDINATE BUILD-OUT WITH BRAND STANDARDS AND MILLWORK SHOP DRAWINGS. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PM\*\*

**GENERAL SHEET NOTES**

- THE GENERAL CONTRACTOR (G.C.) SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE & OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF MEASUREMENTS DIFFER FROM DIMENSIONS INDICATED ON THESE PLANS, THE G.C. IS TO NOTIFY THE TENANT IMMEDIATELY. THE G.C. IS RESPONSIBLE FOR CORRECTING ANY & ALL DISCREPANCIES AT NO ADDITIONAL EXPENSE TO TENANT.
- GENERAL CONTRACTOR SHALL INSPECT ALL SLAB AREAS PRIOR TO SUBMITTING A BID AND INCLUDE IN THEIR BID THE FOLLOWING: REFER TO GENERAL NOTES 3, 4 & 5.
- G.C. IS RESPONSIBLE FOR A SMOOTH, LEVEL SLAB (1/8" MAX SLOPE IN 10'-0" IN ALL DIRECTIONS) AND A STRUCTURALLY SOUND SLAB.
- G.C. SHALL REMOVE EXISTING FLOORING IN ALL AREAS. UNO, G.C. SHALL PATCH, REPAIR, LEVEL AND PREP CONCRETE TO RECEIVE NEW FINISHES. SAW CUT CONCRETE SLAB AND TRENCH SHALL BE PROVIDED FOR NEW UNDER SLAB SANITARY PLUMBING WORK. SEE FLOOR PLAN AND PLUMBING DRAWINGS. GC SHALL THOROUGHLY CLEAN EXISTING SLAB AS REQUIRED FOR NEW FLOORING MATERIALS AFTER ALL SLAB PATCHING FOR NEW PLUMBING IS COMPLETE. GRIND DOWN SMOOTH, ROUGH AREAS OR HIGH SPOTS. COORDINATE ANY TRENCHING LOCATIONS W/ MEP SHEETS. GC SHALL PATCH AND REPAIR CONCRETE SLAB TO LIKE NEW CONDITIONS AND PREPARE FOR NEW FINISHES. THE G.C. SHALL PATCH & REPAIR ALL EXISTING SURFACES AS NECESSARY BEFORE APPLYING NEW FINISHES. ALL SOFT, POROUS, FLAKING OR OTHERWISE DEFECTIVE FINISHES SHALL BE REMOVED BEFORE APPLICATION OF NEW MATERIALS. OPENINGS, VOIDS, OR UNFINISHED SURFACES CREATED BY REMOVAL OR MODIFICATION OF EXISTING WORK SHALL BE FILLED OR PATCH & FINISHED AS NECESSARY TO MATCH EXISTING CONDITIONS FOR NEW FINISHES REQ. SPECIFICALLY, FLOOR SURFACES AT ENTRY SHALL BE LEVELED TO ASSURE SMOOTH SURFACE TRANSITION BETWEEN EXISTING & NEW FLOOR FINISH MATERIALS. PRIOR TO INSTALLATION OF ALL FLOORING, GC SHALL TEST MOISTURE CONTENT OF SLAB AND ENSURE IT IS WITHIN THE MANUFACTURER'S SPECIFIED ALLOWANCE. GC SHALL PROVIDE PROTECTION FOR ALL FLOORING AFTER INSTALLATION TO PREVENT ANY DAMAGE.
- G.C. SHALL VERIFY THAT DEMISING WALLS EXTEND TO STRUCTURE ABOVE AND ALL PENETRATIONS ARE SEALED TIGHT, AS REQUIRED BY LANDLORD AND SHALL PROVIDE ALL WORK REQUIRED TO CORRECT DEFICIENT CONDITIONS. THE G.C. IS RESPONSIBLE TO MAINTAIN THE ARCHITECTURAL, STRUCTURAL AND FIRE RATING INTEGRITY OF THE LANDLORD'S DEMISING WALLS, FLOOR SLAB, BEAMS, COLUMNS, ROOF DECK, ETC.
- ALL METAL STUDS ARE TO BE 20 GA. TYPICAL NON-LOAD BEARING PARTITIONS. SEE USG STEEL-FRAMED DRYWALL SYSTEMS "LIMITING HEIGHT - STEEL STUD ASSEMBLY" CHART. USE THE L240 ALLOWABLE DEFLECTION FIGURES ONLY ALL GYPSUM BOARD TO BE 5/8" TYPE 'X' UNLESS NOTED OTHERWISE.
- THE G.C. SHALL COORDINATE WORK OF VARIOUS TRADES IN INSTALLATION OF INTERRELATED WORK. BEFORE INSTALLATION OR WORK BY ANY TRADE BEGINS, MAKE PROPER PROVISIONS TO AVOID INTERFERENCES. THIS SHALL INCLUDE WORK BY ANY OF THE TENANTS SUBCONTRACTORS AS WELL AS THOSE UNDER CONTRACT W/ THE G.C.
- PROVIDE METAL OR F.R.T. WOOD BLOCKING FOR ALL SIGNS, HOOKS, TOILET ROOM ACCESSORIES & ANY OTHER WALL MOUNTED EQUIPMENT. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY FOR MILLWORK W/ MILLWORK.
- ALL FRAMING LUMBER, PLYWOOD AND CONCEALED WOOD SHALL BE FIRE RETARDANT TREATED (F.R.T.) - NO WOOD IN CEILING PLENUM ABOVE SPRINKLER COVERAGE.
- DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CENTERLINE OF COLUMN. ALL ELEVATIONS ARE FROM FINISH FLOOR ELEVATION.
- ALL INTERIOR FINISH & TRIM MATERIALS SHALL MEET APPLICABLE CODES FOR FLAME SPREAD RATINGS.
- MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" (U.N.O.)
- THE G.C. SHALL PROVIDE CAULK JOINTS WHERE GYP. BD. MEETS THE FLOOR OR ROOF DECK - PACK FLUTES AT DECK AS REQUIRED.
- PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
- TENANT'S CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL WITHIN THE LANDLORD'S TENANT CRITERIA MANUAL INCLUDING ITS RULES AND REGULATION.
- ALL SUPPORTS TO BE FROM STRUCTURAL JOISTS AND BEAMS AND NOT FROM THE DECK ABOVE.
- EXISTING STOREFRONT MULLIONS AND EXTERIOR DOORS NO LONGER IN USE TO BE CLEANED, ANY HOLES INFILLED, SEALED, HARDWARE REMOVED AND CAPPED. PATCH AND REPAIR AS REQUIRED AND REFINISH TO LIKE NEW CONDITION. FINISH TO MATCH EXISTING ADJACENT, U.N.O.
- G.C. SHALL BE RESPONSIBLE FOR COORDINATING SECURITY & ACCESS CONTROL SYSTEM WITH OWNERS SUB-CONTRACTOR TO ENSURE THAT CERTIFICATE OF OPENING IS NOT DELAYED.
- ALL SECURITY SYSTEM CAMERAS SHALL BE DOME CAMERAS.
- HVAC CONTRACTOR SHALL CLEAN COILS AND CHANGE FILTERS PRIOR TO TURN OVER.
- THE SECURITY SYSTEM SHALL BE PROVIDED BY OTHERS UNDER A SEPARATE PERMIT.
- THE FIRE ALARM CONTRACTOR SHALL INSTALL WIRES TO THE ACCESS CONTROL PANEL.
- THE ACCESS CONTROL CONTRACTOR SHALL MAKE THE FINAL CONNECTIONS. WHEN AVAILABLE ALL TELECOMMUNICATIONS AND SECURITY ACCESS CONTROL SYSTEMS SHALL BE PLACED IN A SECURE CLOSET.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CLEANING PRIOR TO TURNING THE SPACE OVER TO THE TENANT. CLEANING SHALL INCLUDE BUT NOT BE LIMITED TO: REMOVAL OF GREASE, MASTIC, ADHESIVES, DUST, DIRT, STAINS, FINGERPRINTS, LABELS, AND OTHER FOREIGN MATERIALS FROM EXPOSED INTERIOR AND EXTERIOR SURFACES. PRESSURE WASH EXTERIOR PAVED SURFACES.
- ALL CEILING HEIGHTS ARE FROM TOP OF FINISH FLOOR TO UNDERSIDE OF FINISH CEILING OR LIGHT FIXTURE - TYP. U.N.O.
- ALL CEILING HEIGHTS TO BE COORDINATED AND CONFIRMED IN THE FIELD. IF A CEILING HEIGHT NOTED CANNOT BE ACHIEVED, NOTIFY ARCHITECT AND PROJECT MANAGER IMMEDIATELY.
- THE G.C. SHALL SET ALL CEILING AND SOFFITS USING A LASER LEVEL TO ACHIEVE A CEILING SQUARE TO ALL WALLS AND SOFFITS.
- LATERAL BRACING FOR SUSPENDED CEILING MUST BE PROVIDED BY CEILING CONTRACTOR. ADDITIONAL HANGER AND SAFETY WIRES FOR LIGHT FIXTURES, DUCTWORK, SPEAKERS, ETC. TO BE THE RESPONSIBILITY OF THE CEILING CONTRACTOR.
- THE G.C. TO VERIFY W/ LL, METHOD OF ATTACHMENT FOR ALL ITEMS ANCHORED TO, OR SUSPENDED FROM EXISTING STRUCTURE.
- ARCH. DRAWINGS DETERMINE THE LOCATION OF LUMINAIRES & SUPERSEDE ALL OTHERS. TYP. U.N.O. - REFER TO ELEC. DRAWINGS FOR EXACT FIXTURE TYPE & QUANTITIES PROVIDED.
- REFER TO MECHANICAL DRAWINGS FOR EXPOSED LOCATIONS OF DIFFUSERS & SUSPENDED MECHANICAL DUCTWORK DISTRIBUTION SYSTEM.
- PROVIDE ADEQUATE CLEARANCES FOR FIXTURES, DUCTS, CEILINGS AND RELATED PERTINENT ITEMS NECESSARY TO MAINTAIN SPECIFIC HEIGHTS ABOVE FINISH FLOOR.
- THE G.C. TO PROVIDE NECESSARY BLOCKING AND BRACING FOR FIXTURE INSTALLATION AND ALL ELECTRICAL COMPONENTS TO COMPLETE THE FINAL INSTALLATION OF ALL FIXTURES - COORDINATE WITH FIXTURE SUPPLIER.
- COORDINATE ANY NEW ROOF PENETRATIONS WITH LANDLORD AND LANDLORD'S ROOF CONTRACTOR.
- DIMENSIONS ARE FROM FACE OF GYP. BD. TYP. U.N.O.
- COORDINATE ADDITIONAL CEILING ACCESS DOORS W/ PROJECT MANAGER AND AS REQUESTED BY LANDLORD TO MAINTAIN ACCESS TO LANDLORD EQUIPMENT.
- ELECTRICIAN TO AIM ALL TRACK HEADS. COORDINATE WITH PROJECT MANAGER FOR DIRECTION AND ORIENTATION.
- ATTACH ALL LIGHT FIXTURES TO BUILDING STRUCTURE OR CEILING GRID. DO NOT ATTACH LIGHT FIXTURES TO CEILING TILES.

NOTE: ANY AND ALL EXISTING FIRE PROOFING ON EXISTING STRUCTURE SHALL REMAIN UNDISTURBED. PATCH, REPAIR OR REPLACE AS REQUIRED TO MAINTAIN EXISTING FIRE RATING.

CONTRACTOR IS RESPONSIBLE FOR MAKING ALL ROOF, WALL AND FLOOR PENETRATIONS WATER TIGHT.

CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL REQUIRED FIRE RATINGS AT ALL ROOF, WALL AND FLOOR PENETRATIONS.

**SYMBOLS LEGEND  
REFER TO ELEC. DWG. FOR LIGHTING SPEC**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	2X4 LED TROFFER		EXIT SIGN / COMBINATION EXIT/EMER. LIGHT W/ BATTERY PACK
	ENTRY PENDANT		EMERGENCY LIGHT
	LOW BAY PENDANT		RETURN AIR GRILLE
	RESTROOM WALL SCONCE		SUPPLY AIR DIFFUSER
	FAN		EXHAUST FAN

E - EXISTING TO REMAIN  
R - RELOCATE  
D - DEMOLISH  
N - NEW

**CEILING TYPE KEY**

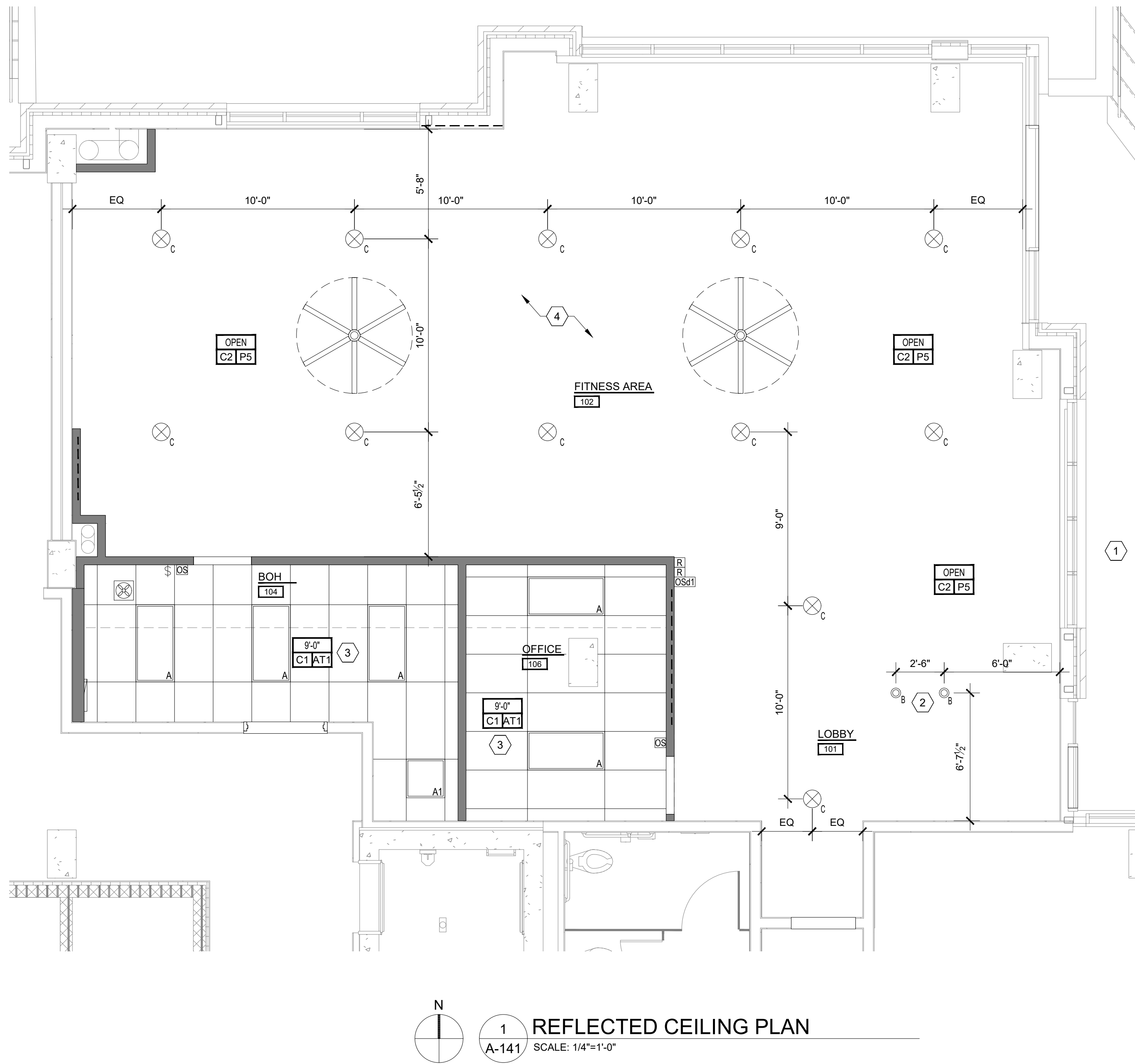
TYPE	CEILING	MATERIAL
C1		2' X 2' ACOUSTICAL LAY-IN CEILING - CENTER IN ROOMS AS SHOWN
C2		OPEN TO STRUCTURE
C3		PAINTED GYPSUM BOARD

REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION

CEILING HEIGHT  
CEILING FINISH (REFER TO FINISH SCHEDULE)  
CEILING TYPE (REFER TO SCHEDULE ABOVE)

**CEILING PLAN KEYNOTES**

- EXTERIOR SIGN JUNCTION BOX TO BE BROUGHT WITHIN 5 FEET OF THE PROPOSED STOREFRONT SIGN LOCATION
- LIGHTS TO BE CENTERED ABOVE RECEPTION DESK - CONFIRM PLACEMENT IN FIELD WITH TENANT PRIOR TO INSTALLATION
- ACT TO BE INSTALLED AS HIGH AS POSSIBLE
- EXISTING CONCRETE DECK TO REMAIN. ALL EXISTING PIPES, DUCTS, CONDUITS TO REMAIN. ALL ITEMS TO BE PAINTED ABOVE PAINT LINE. CONCRETE DECK ABOVE IS POST TENSION - GC TO XRAY SLAB AS NEEDED TO HANG NEW LIGHTING, CONDUIT, DUCTING, ETC



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

Proj. Mgr. KB
Job. Capt. RB
Drawn by KB
Rev'd by RB

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Sheet Title:  
**REFLECTED CEILING PLAN**

Scale:  
NOTED

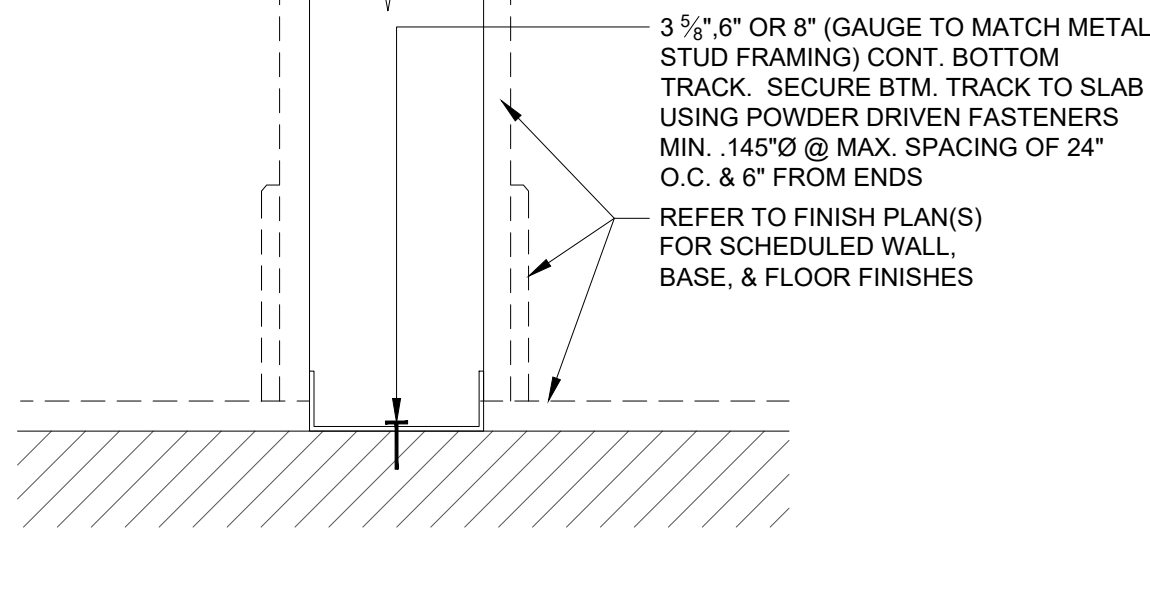
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Project No.  
24-1909

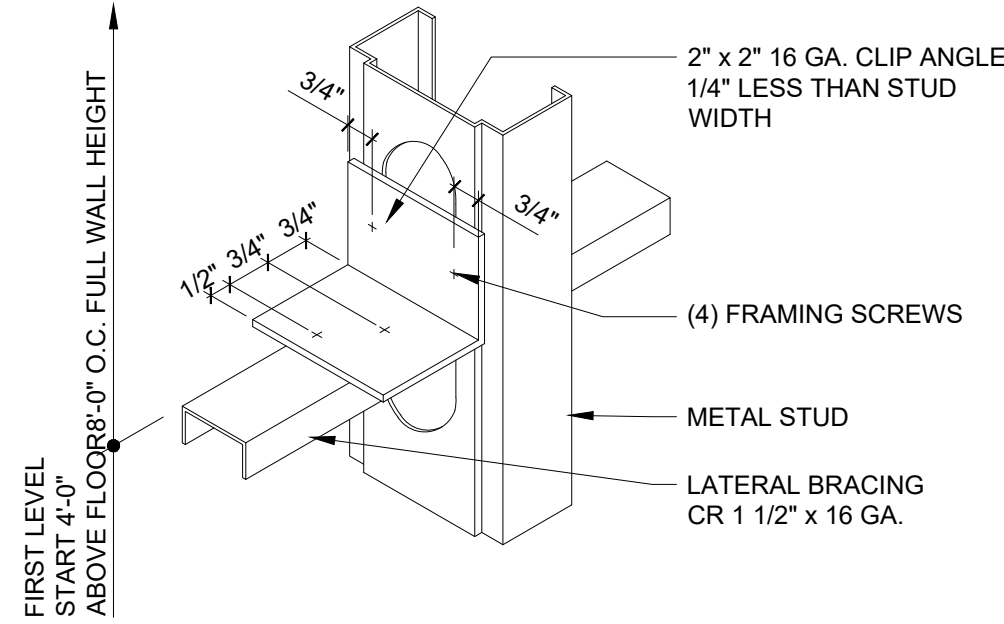
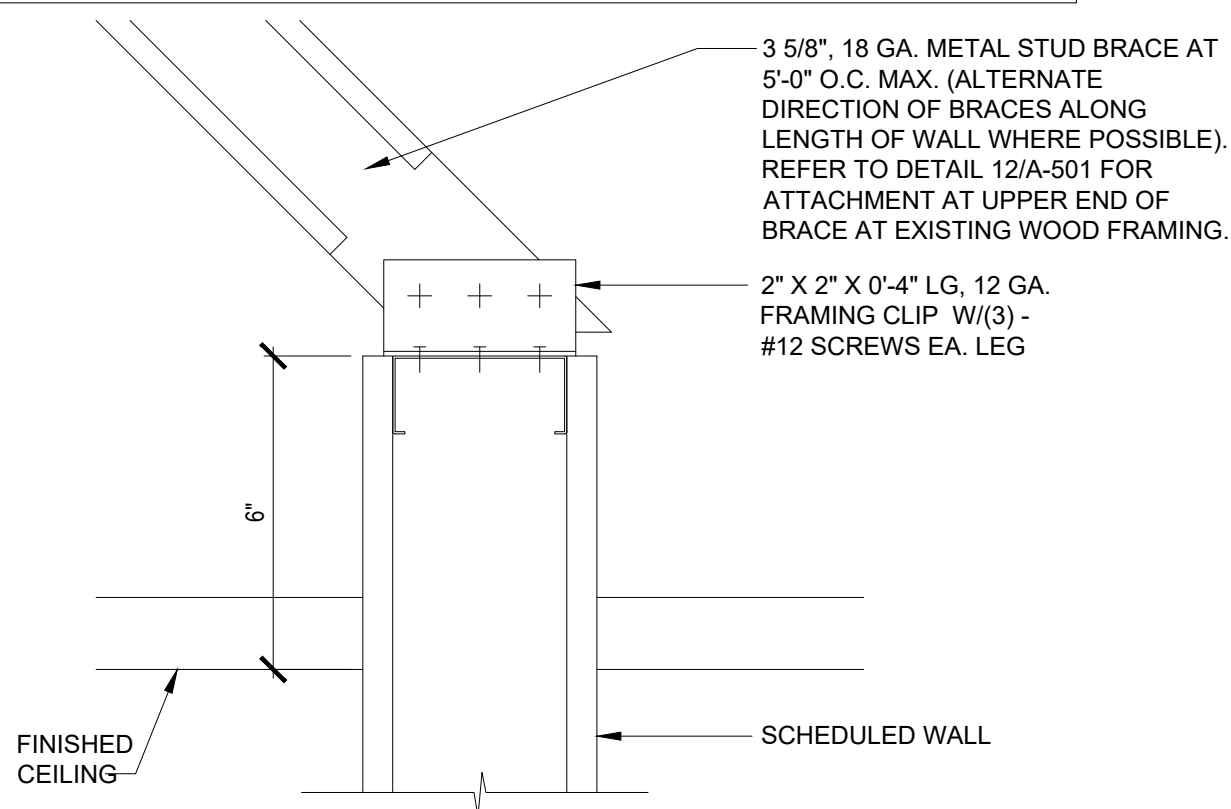
Sheet No.  
**A-141**

\*\*GC TO COORDINATE BUILD-OUT WITH BRAND STANDARDS AND MILLWORK SHOP DRAWINGS. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PM\*\*

**POWDER DRIVEN FASTENERS - ICC #ESR-1663**



**LANDLORD NOTE (TYPICAL):**  
TENANT SHALL NOT DRILL, SCREW, WELD, OR SHOOT INTO LANDLORD'S STRUCTURE OR STRUCTURAL MEMBERS. ALL ATTACHMENTS SHALL BE MADE WITH BEAM CLAMPS, CLIP OR BOLTS AND WASHERS. NOTHING IS PERMITTED TO BE ATTACHED TO, SUSPENDED FROM, OR PENETRATE THE ROOF DECK, JOISTS, BEAMS, TRUSSES AND GIRDERS MAY BE USED FOR LATERAL BRACINGS AND SPANNING SUPPORT. DO NOT SUPPORT ANY CONSTRUCTION FROM LANDLORD'S CROSS BRACING OR BRIDGING.



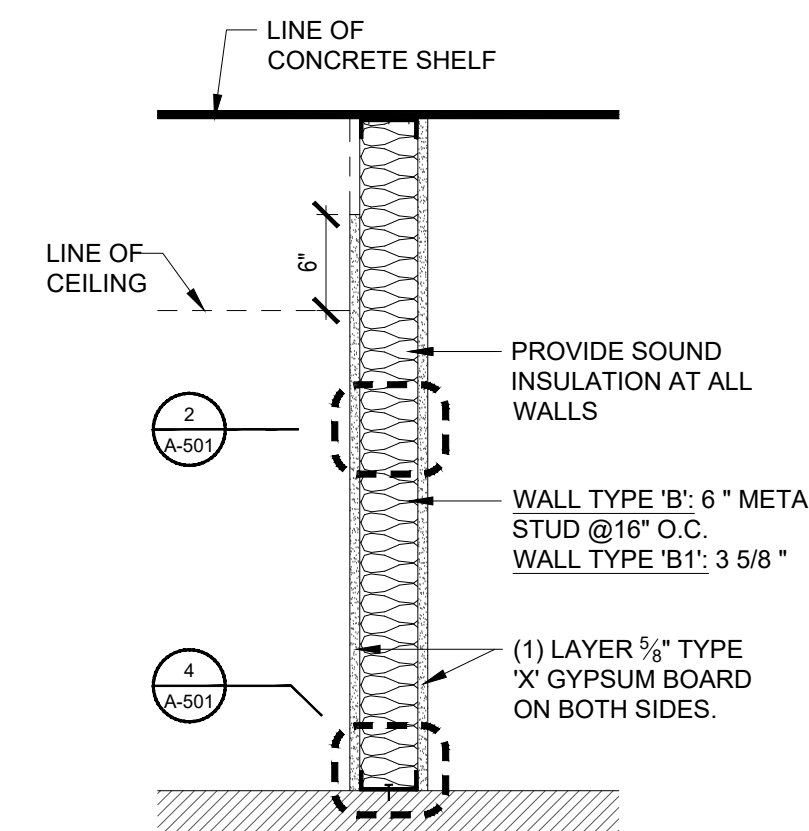
STUD DESIGNATION	STUD DEPTH	FLANGE WIDTH	STUD GAUGE	STUD SPACING	MAXIMUM WALL HEIGHT OR MAXIMUM HEIGHT TO DIAGONAL BRACE
362S162-33	3-5/8"	1-5/8"	20	16"	17'-6"
362S162-43	3-5/8"	1-5/8"	18	16"	19'-0"
362S162-54	3-5/8"	1-5/8"	16	16"	20'-6"
600S162-33	6"	1-5/8"	20	16"	26'-6"
600S162-43	6"	1-5/8"	18	16"	28'-6"
600S162-54	6"	1-5/8"	16	16"	30'-0"
800S162-33	8"	1-5/8"	20	16"	32'-2"
800S162-43	8"	1-5/8"	18	16"	35'-4"
800S162-54	8"	1-5/8"	16	16"	38'-1"

LIGHT GAUGE FRAMING - CROSS REFERENCE GUIDE		LIGHT GAUGE FRAMING SCREW CONNECTIONS	
MIL THICKNESS - GAUGE NUMBER CROSS REFERENCE			
25 GA ----- 18 MIL	16 GA ----- 54 MIL		
22 GA ----- 27 MIL	14 GA ----- 68 MIL		
20 GA ----- 33 MIL	12 GA ----- 97 MIL		
18 GA ----- 43 MIL			

**EXAMPLE CROSS REFERENCE:**

STUD DEPTH	(S=STUD) FLANGE (T=TRACK) WIDTH	STUD THICKNESS	METAL STUD
3 5/8"	1 1/2"	3.625"	362 S 182 - 43 METAL STUD
3 5/8"	1 1/2"	1.625"	18 GA
3 5/8"	1 1/2"	1.58"	18 GA

UNLESS NOTED, LIGHT GAUGE FRAMING CONNECTIONS SHALL BE MADE USING #8 SCREWS. SEE DETAIL 7/A-501 FOR DIAGONAL CONNECTIONS.  
AT LOCATIONS WHERE SHEATHING MATERIAL IS PLACED AGAINST THE SCREW HEADS OF LIGHT GAUGE METAL FRAMING CONNECTIONS, PANCAKE HEAD SCREWS SHALL BE USED SO THAT THE SHEATHING MATERIAL REMAINS STRAIGHT AND SMOOTH.  
METAL STUD ICC # ESR-1166



**GENERAL WALL TYPE NOTES**

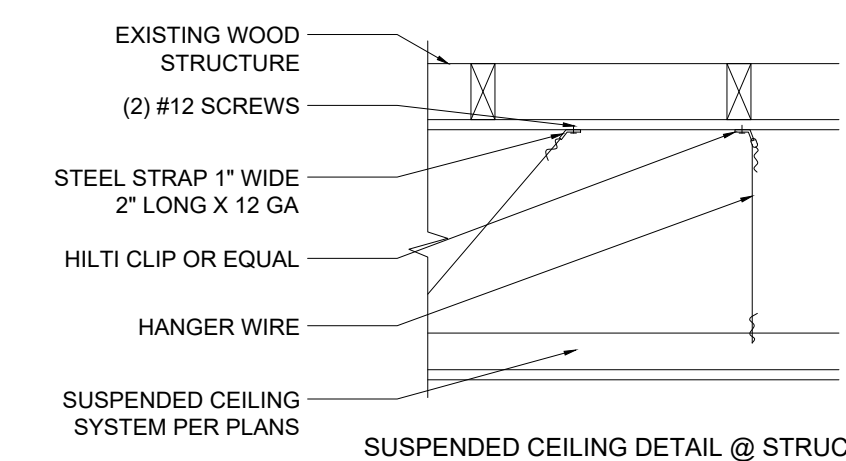
- USE WATER RESISTANT GYPSUM BOARD AT ALL WET LOCATIONS.
- SOUND BATT INSULATION WITH AN STC OF 42 OR BETTER TO BE INSTALLED IN ALL NEW DEMISING WALLS AND RESTROOM WALLS AND AS INDICATED PER WALL TYPE. INSULATION TO BE INSTALLED IN WALLS AND ABOVE CEILING. INSTALL INSULATION TO FULL HEIGHT AND ABOVE CEILING (2 FEET ON EACH SIDE).
- REFER TO STANDARD METAL STUD SCHEDULE FOR GAUGE SIZES UNLESS NOTED OTHERWISE.
- WALLS OVER 12'-0" TO BE LATERALLY BRACED VERTICAL WITH 1 1/2", 16 GA COLD ROLLED CHANNEL CLIP ANCHORED TO METAL STUDS. SEE 2/A-501.
- ANY EXISTING FIRE RATINGS TO BE MAINTAINED AS REQUIRED.

**1 WALL TYPE 'B'**  
A-501 SCALE: 1"=1'-0"

**4 TYPICAL CONNECTION DETAIL AT FLOOR**  
A-501 SCALE: 3"=1'-0"

**3 WALL BRACING DETAIL**  
A-501 SCALE: 3"=1'-0"

**2 LATERAL BRACING SUPPORT**  
A-501 N.T.S.



**PERFORMANCE REQUIREMENTS:** THE MAIN RUNNERS AND CROSS RUNNERS OF THE CEILING SYSTEM AND THEIR SPLICES, INTERSECTION CONNECTORS AND EXPANSION DEVICES SHALL BE DESIGNED AND CONSTRUCTED TO CARRY A MEAN ULTIMATE TEST LOAD OF NOT LESS THAN 180 POUNDS (801 N) OR TWICE THE ACTUAL LOAD, WHICHEVER IS GREATER, IN TENSION WITH 5-DEGREE MISALIGNMENT OF THE MEMBERS IN ANY DIRECTION, AND IN COMPRESSION. IN LIEU OF 5-DEGREE MISALIGNMENT, THE LOAD MAY BE APPLIED WITH A 1-INCH (25.4MM) ECCENTRICITY ON A SAMPLE NOT MORE THAN 24 INCHES (610 MM) LONG ON EACH SIDE OF THE SPLICE. THE CONNECTIONS AT SPLICES AND INTERSECTIONS SHALL ALL BE OF THE MECHANICAL INTERLOCKING TYPE.

**NOTE:** STRUT & BRACING WIRE NO MORE THAN 2" FROM CROSS TEE INTERSECTION.

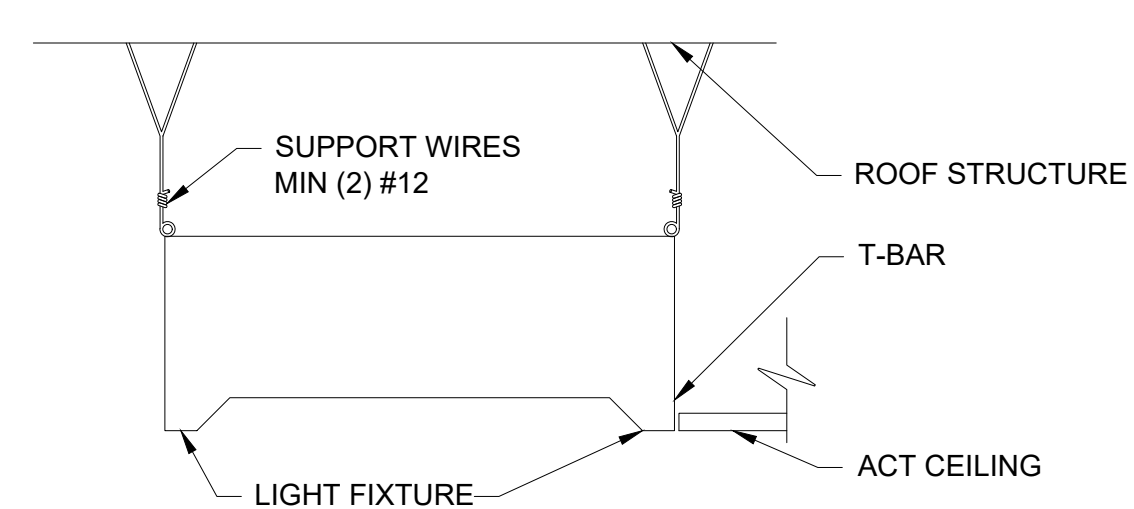
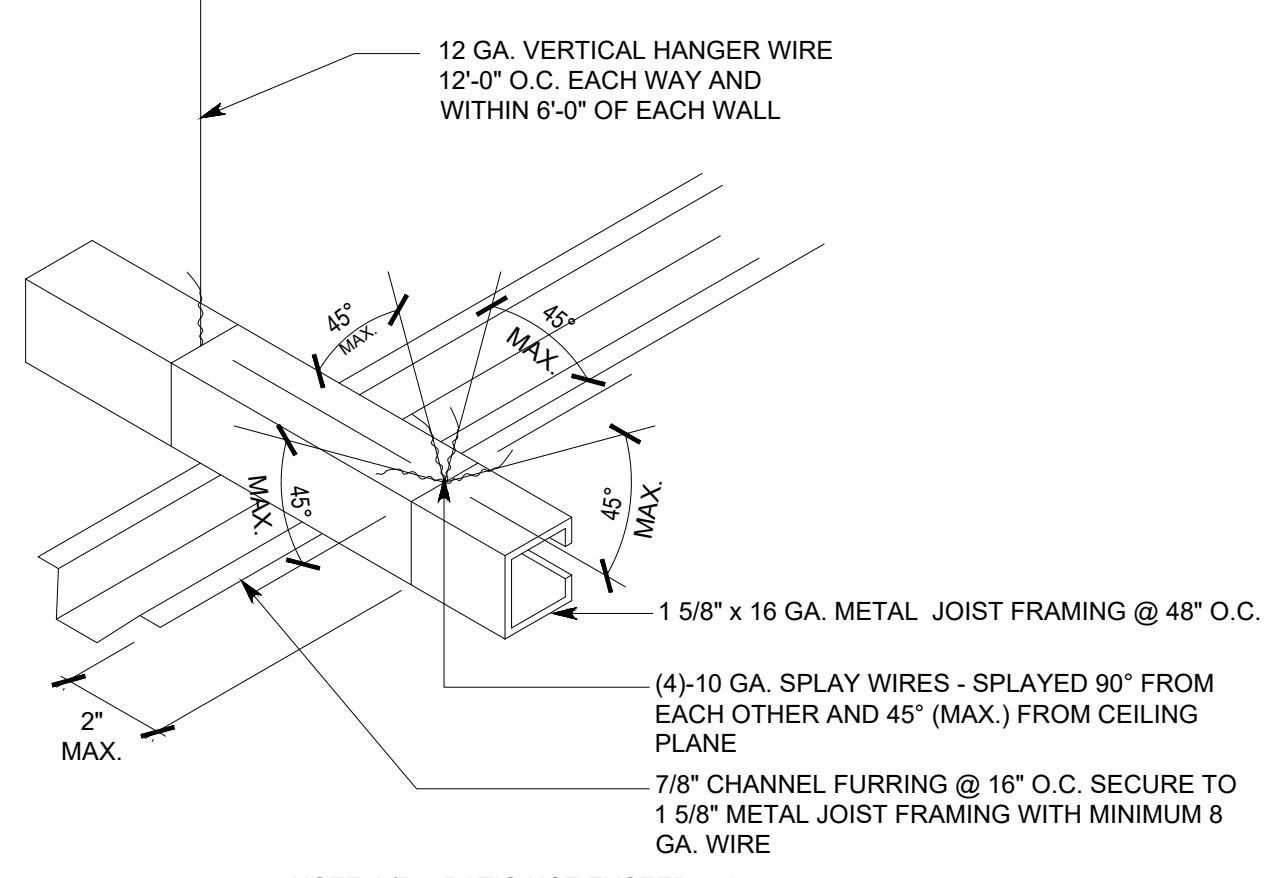
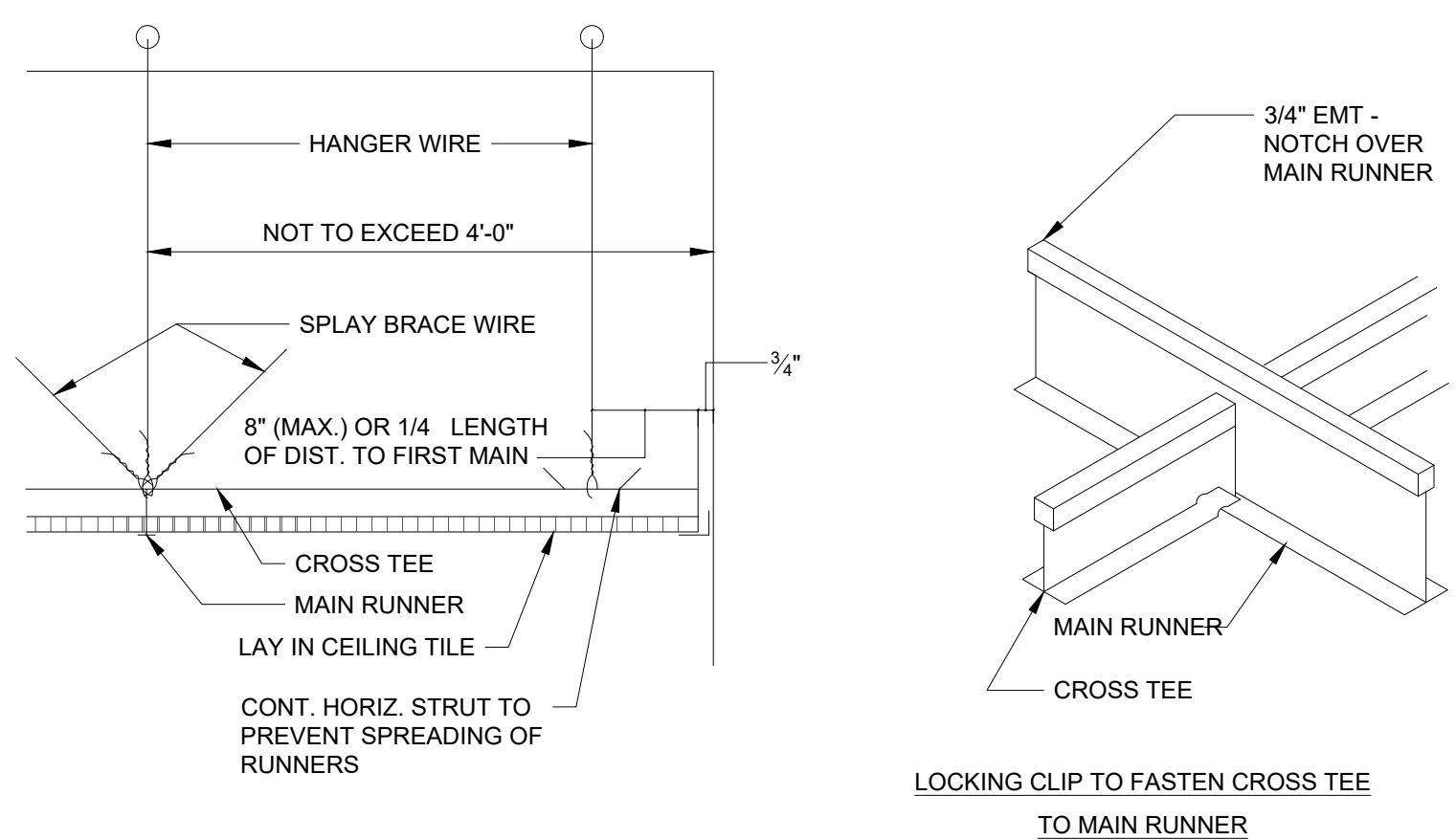
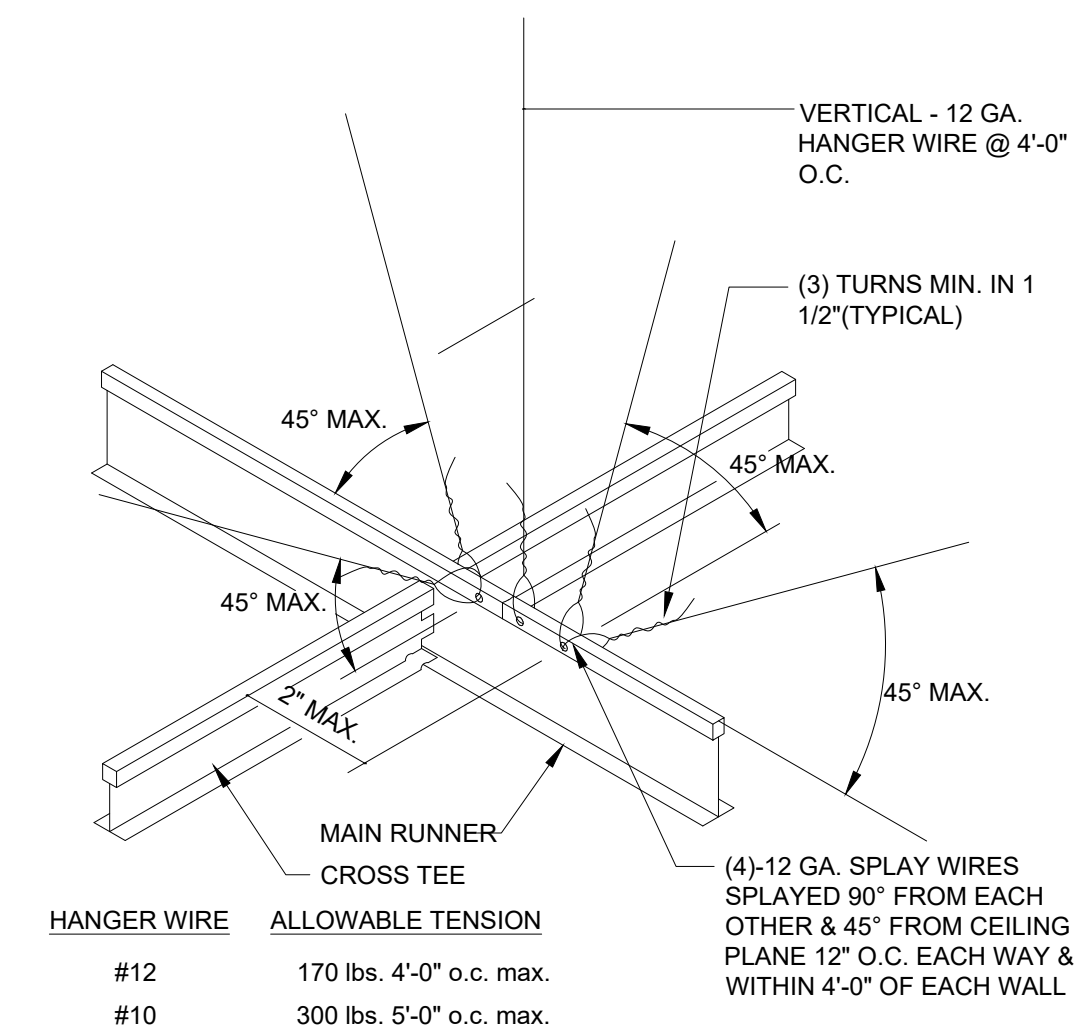
**NOTE:** L/R RATIO NOT EXCEED 200

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**NOTE:**  
FASTEN TO STRUCTURE ABOVE TO COMPLY WITH LANDLORD AND/OR LOCAL BUILDING DEPARTMENT JURISDICTION.  
CONFORM TO BASIC MINIMUM REQUIREMENTS ESTABLISHED IN ASTM C636.

**SECURE SUPPORT WIRES TO EXISTING STRUCTURE OR STUD INFILL**

**CONTRACTOR SHALL VERIFY AND CONFIRM THE FIXTURES AND CHANDELIER LOCATIONS WITH THE OWNER PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONSTRUCT WIRE CEILING GRID SUPPORTS AT ALL FOUR CORNERS OF GRID AT JBOX LOCATION. CHANDELIER WEIGHT NOT TO EXCEED 10 LBS.**

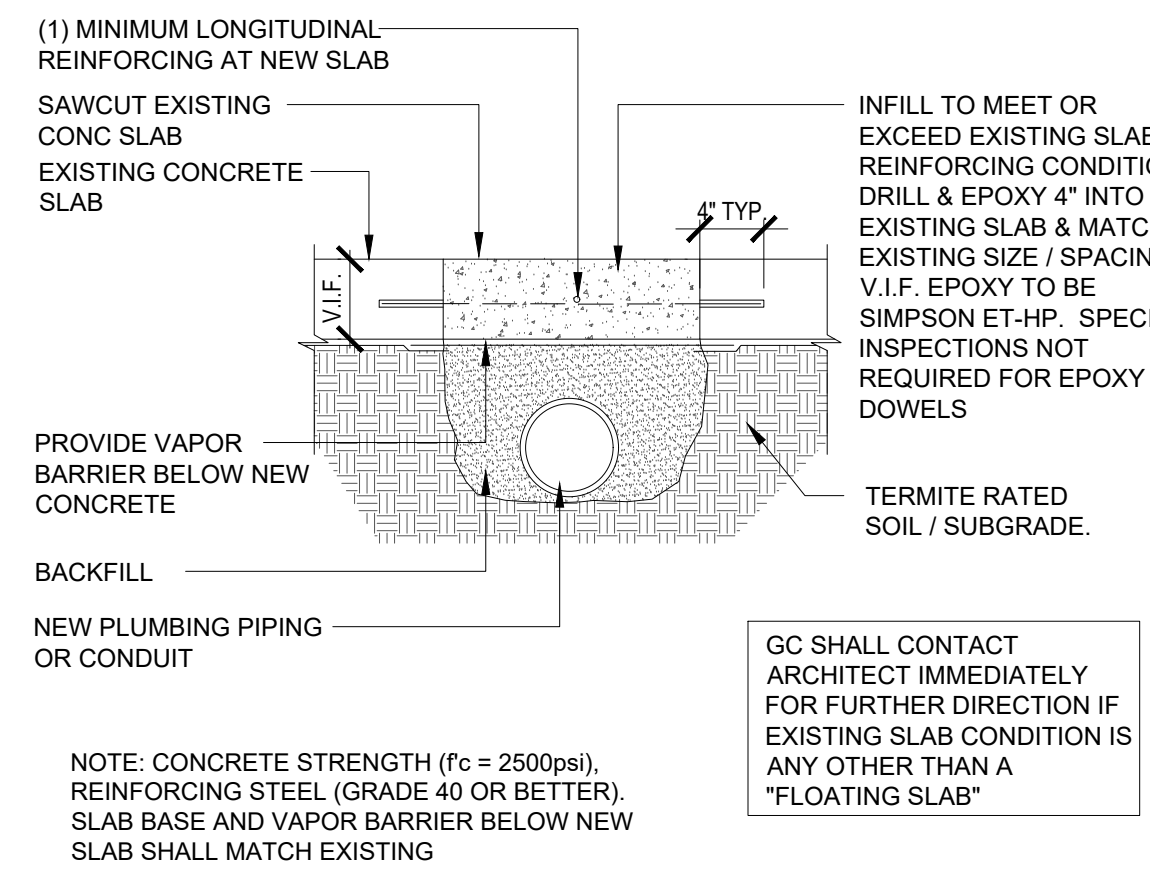
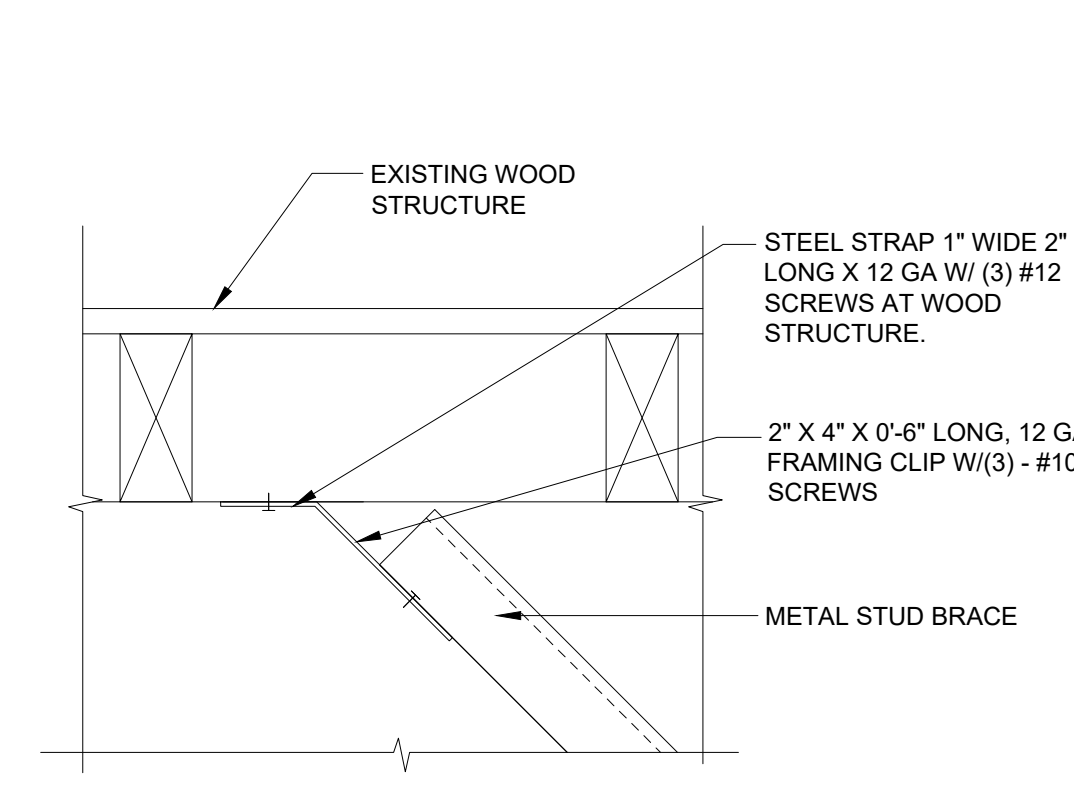
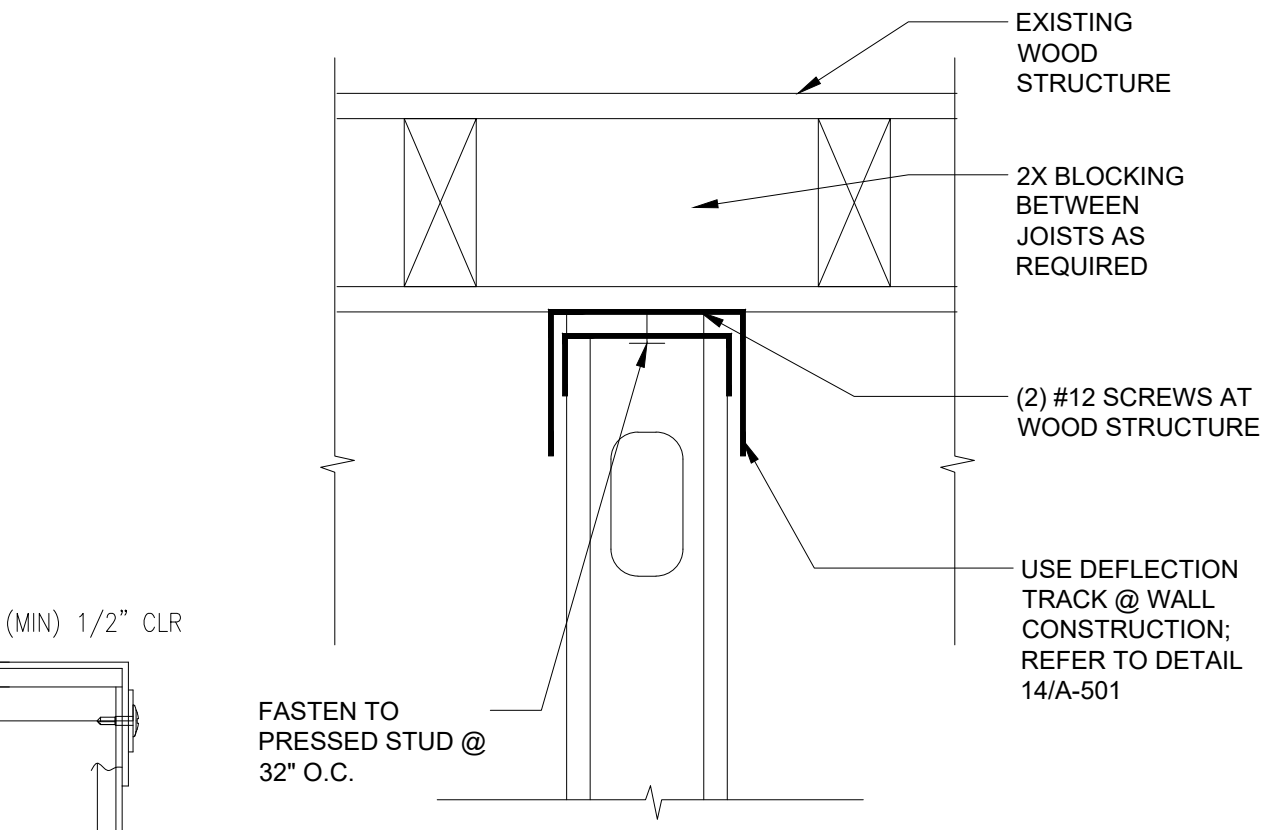
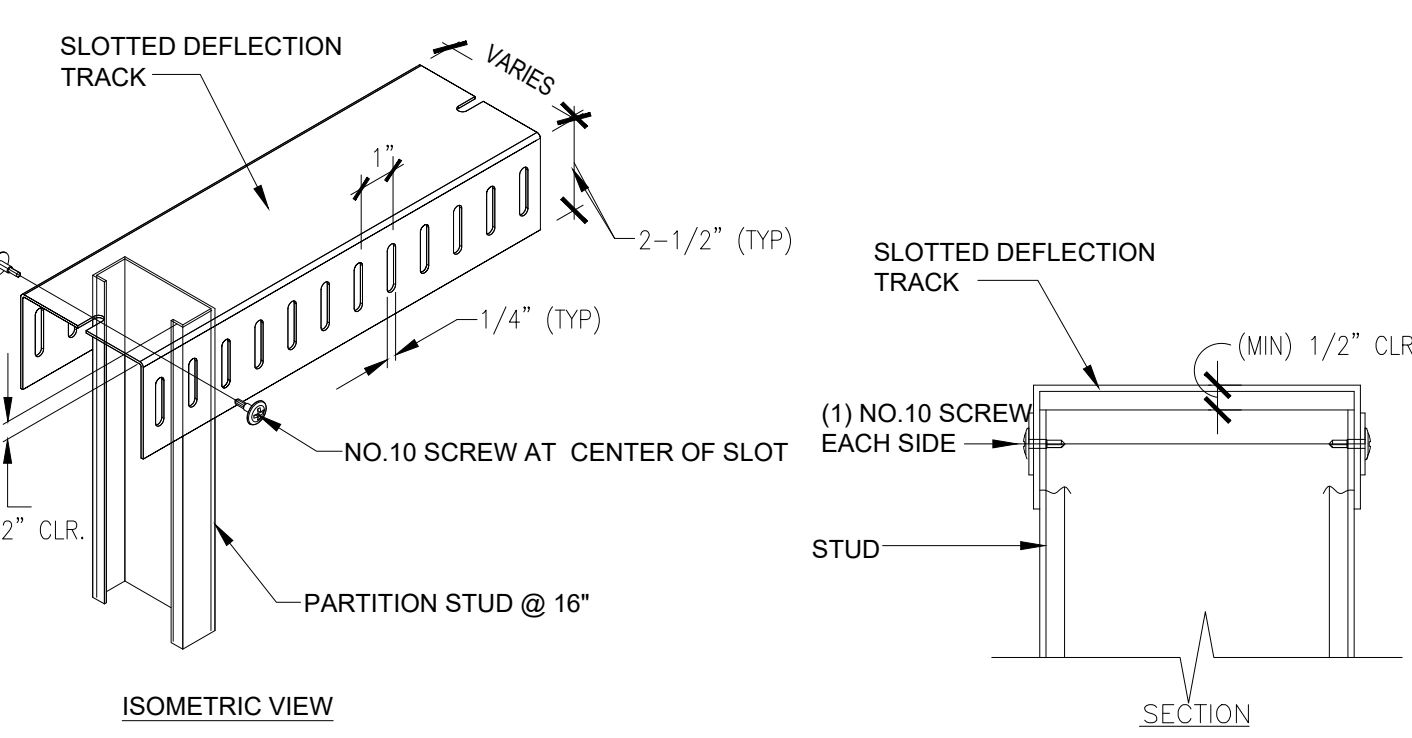


**7 LIGHT FIXTURE SUPPORT**  
A-501 N.T.S.

**9 ACT CEILING DETAIL**  
A-501 N.T.S.

**8 GYPSUM BOARD CEILING DETAIL**  
A-501 N.T.S.

**NOTES:**  
NESTED TRACKS (20 GA. MINIMUM) OR SLOTTED TRACK (20 GAGE MINIMUM) TO ALLOW 1/2" DEFLECTION.  
STUDS CUT 1/2" SHORT TO ALLOW FOR 1/2" DEFLECTION  
FINISH MATERIALS (WHERE OCCUR) HELD 1/2" SHORT OF TOP OF TRACK TO ALLOW FOR 1/2" DEFLECTION. DO NOT SCREW FINISH MATERIALS INTO TOP TRACK - FASTEN INTO STUDS ONLY.  
APPLY OR PATCH FIREPROOFING (WHERE INDICATED) AFTER INSTALLATION OF TRACK OR STRAPS  
ACOUSTICAL SEALANT IN 1/2" DEFLECTION GAP AT PARTITIONS WITH ACOUSTICAL INSULATION  
HILTI FASTENERS OR APPROVED EQUAL



**15 FAN MOUNTING DETAIL**  
A-501 NTS

**14 ATTACHMENT DETAIL**  
A-501 SCALE: 3"=1'-0"

**13 ATTACHMENT DETAIL**  
A-501 SCALE: 3"=1'-0"

**12 ATTACHMENT DETAIL**  
A-501 SCALE: 3"=1'-0"

**11 SAWCUT/ POURBACK DETAIL**  
A-501 SCALE: 1"=1'-0"

**10 CONCRETE SLAB PATCH**  
A-501 SCALE: 1/2"=1'-0"

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Job. Cap.	RB
Drawn by	KB
Rev'd by	RB

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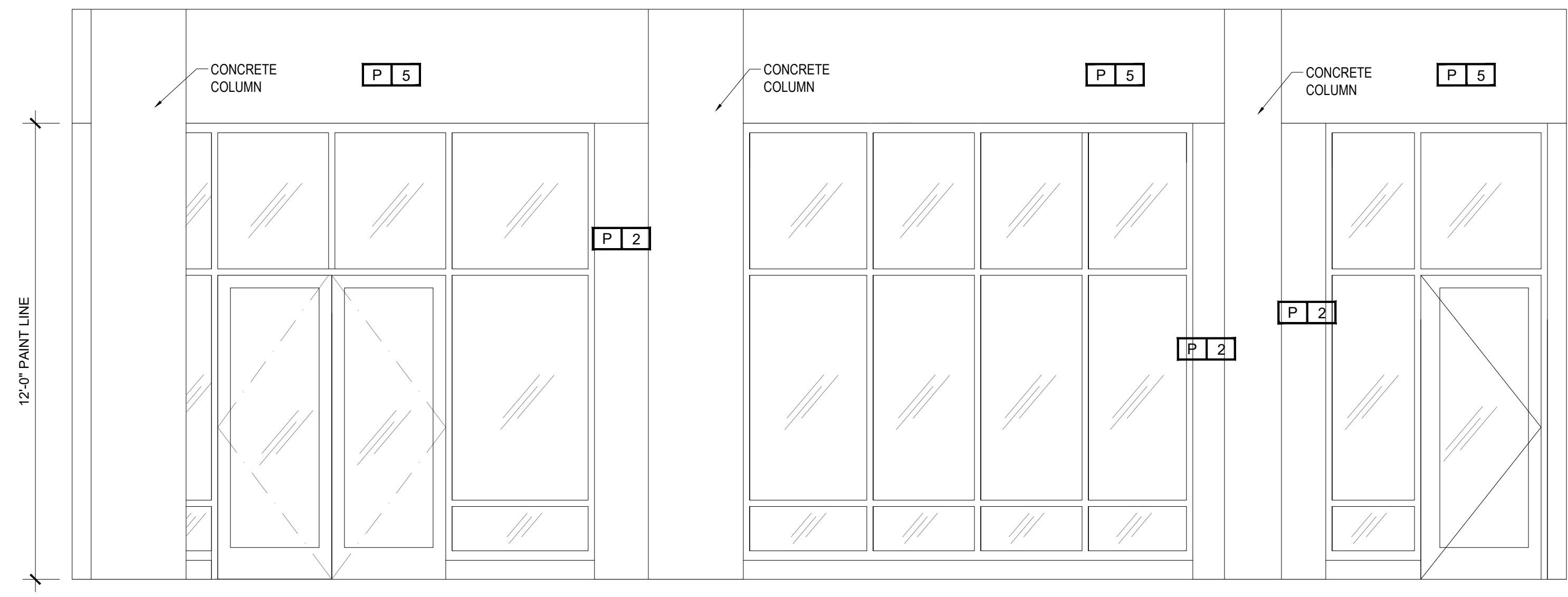


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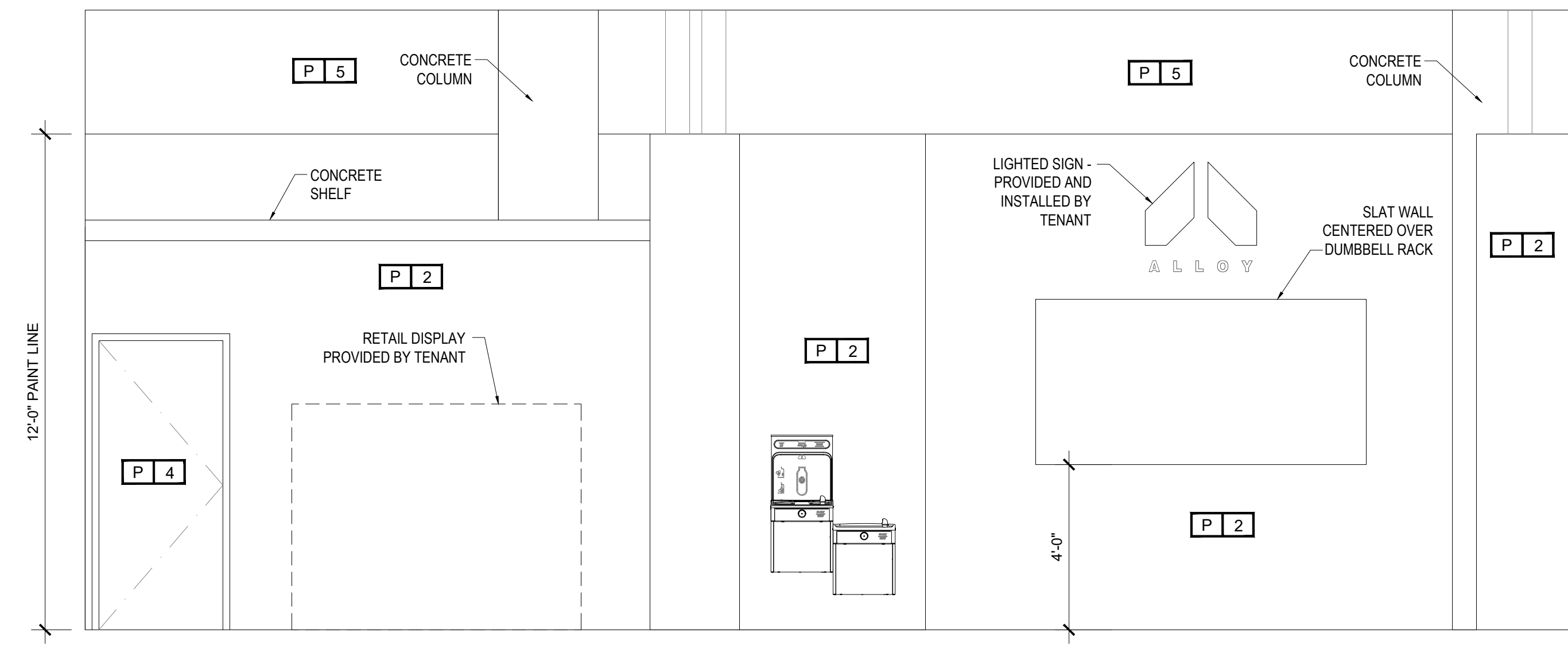
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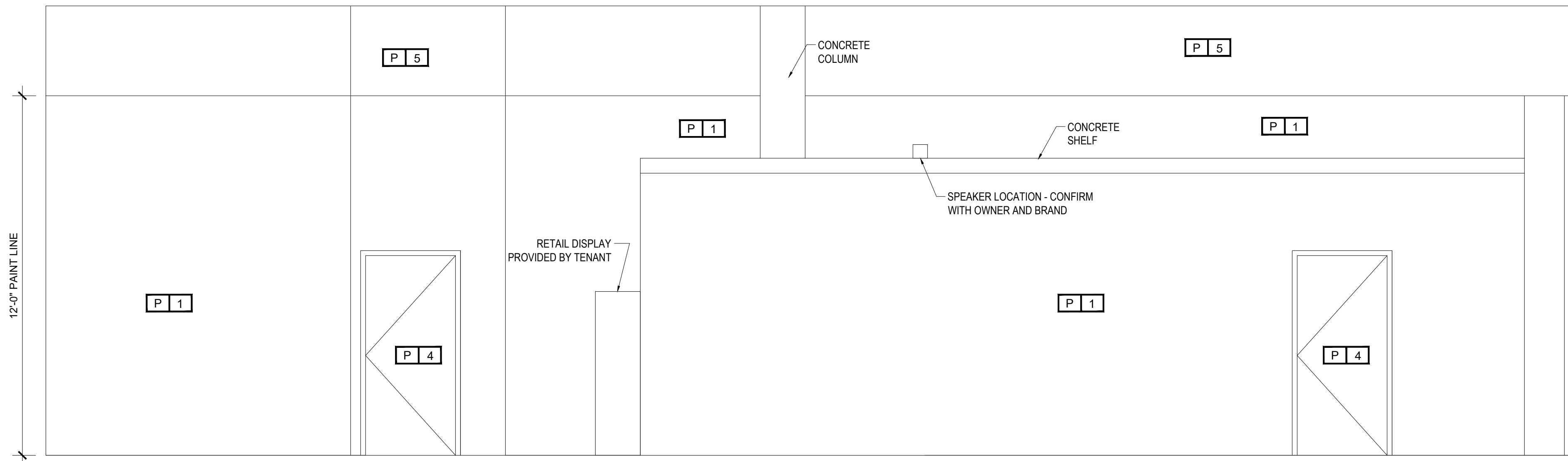
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Scale: NOTED	
Date: 11.04.24	Sheet No.
Project No. 24-1909	<b>A-502</b>



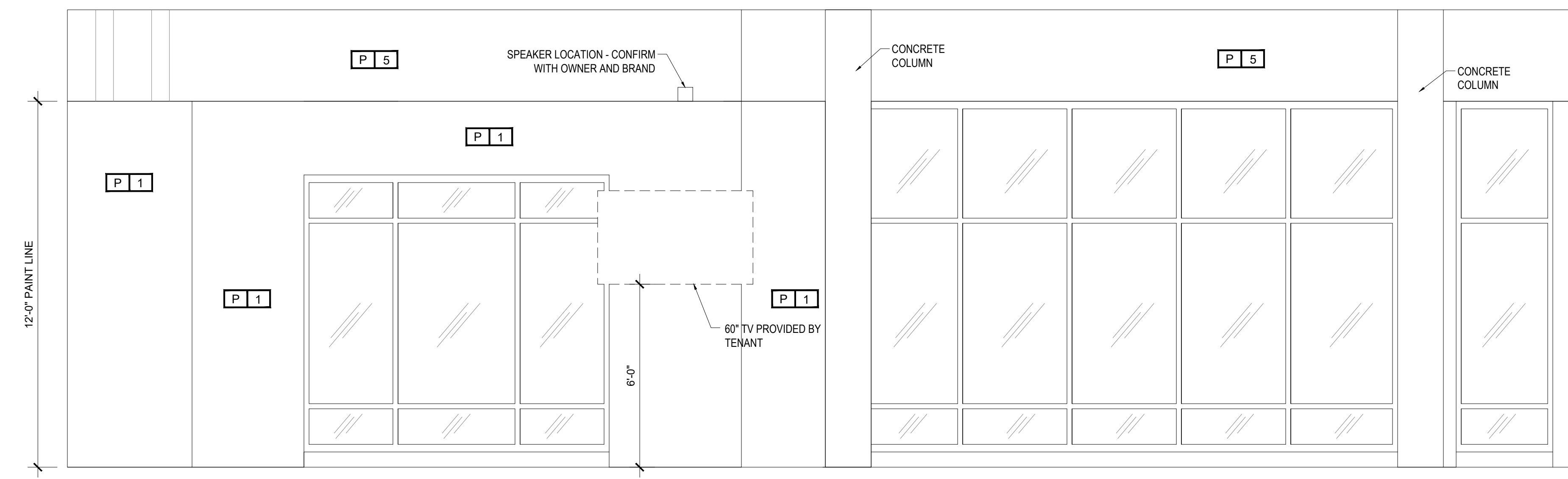
4 INTERIOR ELEVATION  
A-502 3/8" = 1'-0"



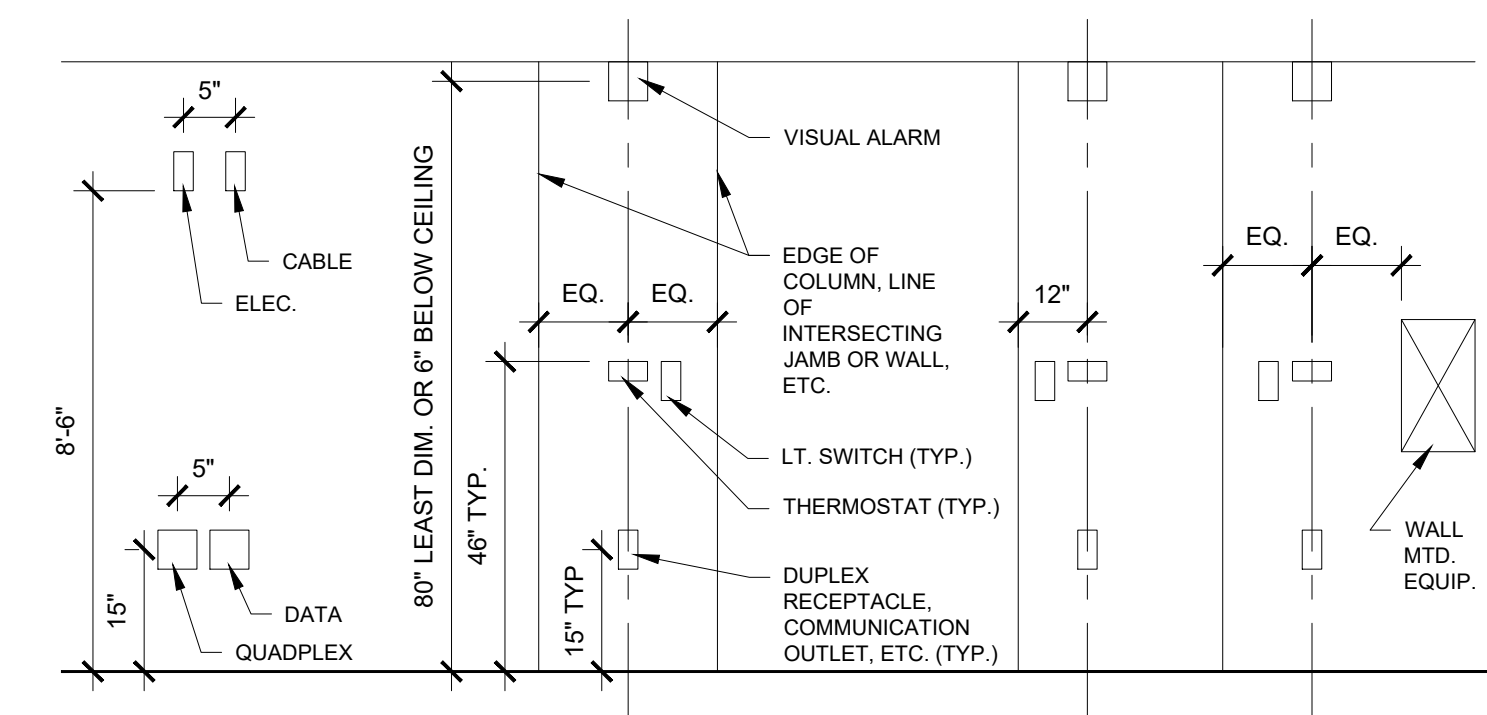
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A-502 3/8" = 1'-0"



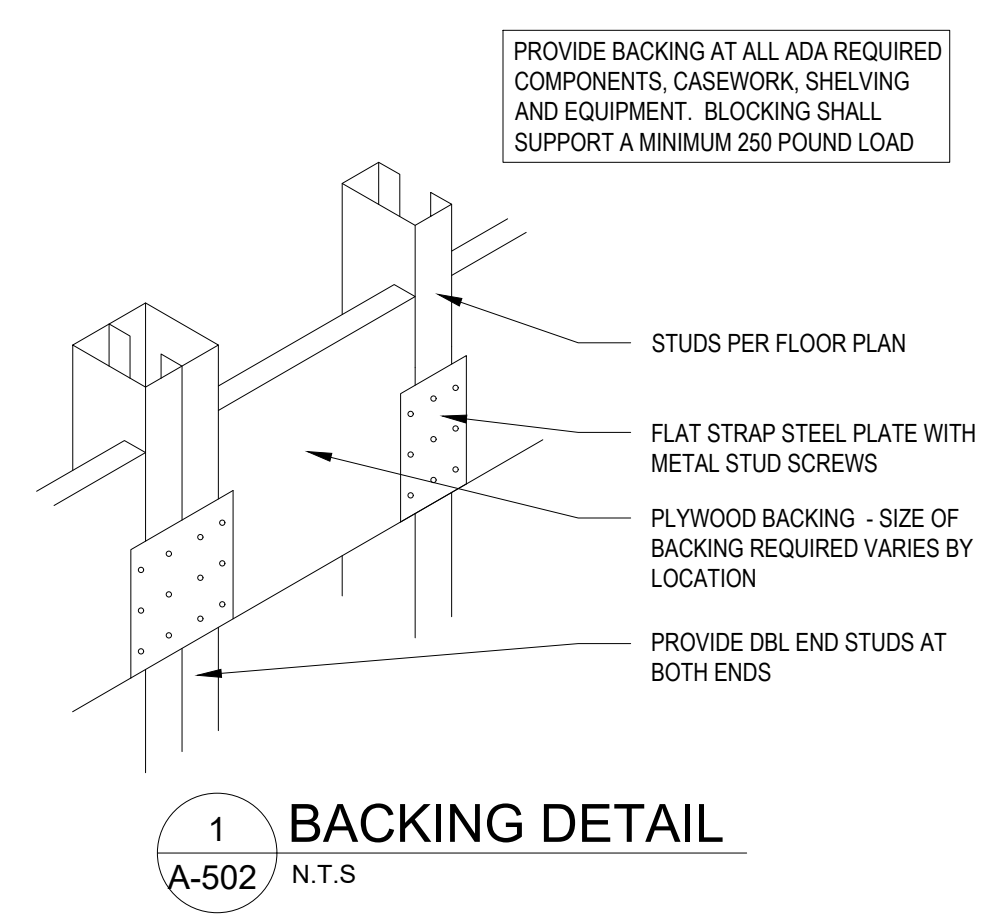
5 INTERIOR ELEVATION  
A-502 3/8" = 1'-0"



6 INTERIOR ELEVATION  
A-502 3/8" = 1'-0"



3 DEVICE LOCATION DIAGRAM  
A-502 N.T.S.

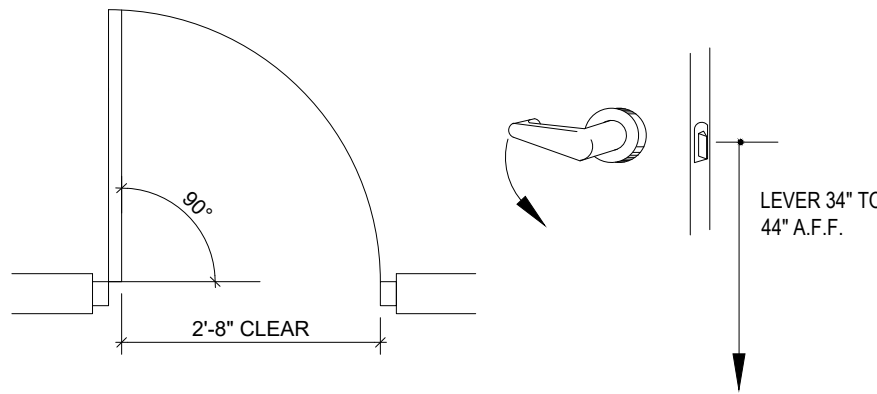


1 BACKING DETAIL  
A-502 N.T.S.

**ENTRANCE SIGNS:**  
ALL BUILDINGS ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED PERSONS SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

**THRESHOLDS:**  
THRESHOLDS ARE REQUIRED TO BE NO MORE THAN 1/2 INCH HIGH, BEVEL OR SLOPE THE EXPOSED EDGE AT AN ANGLE NOT EXCEEDING 45 DEGREES SO THAT NO SINGLE VERTICAL CHANGE OF ELEVATION EXCEEDS 1/4" INCH.

- EXIT DOORS, TOILET ROOM AND CHANGING ROOM DOOR TO BE OPENABLE FROM INSIDE WITHOUT SPECIAL KNOWLEDGE, FORCE OR NEED OF KEY.
- ALL HARDWARE TO BE LEVER TYPE.



**HARDWARE**

**HAND ACTIVATED DOOR OPENING HARDWARE IS REQUIRED TO BE CENTERED BETWEEN 34 AND 44 INCHES HIGH. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL HAVE TO BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH/PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS ARE REQUIRED TO OPERATE AS DESCRIBED ABOVE IN THE DIRECTION OF EGRESS.**

**CLOSERS:**  
THE MAXIMUM EFFORT TO OPERATE DOORS CANNOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS. REQUIRED FIRE DOORS MAY BE REQUIRED UP TO 15 POUNDS PRESSURE. THE PRESSURE IS TO BE MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE REQUIREMENTS. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES (75 mm) FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.

**DOORS**

**ENTRANCES:**  
ALL PRIMARY ENTRANCES TO BUILDINGS AND FACILITIES ARE REQUIRED TO BE MADE ACCESSIBLE. A PRIMARY ENTRANCE IS DEFINED AS "... ANY ENTRANCE TO A FACILITY WHICH HAS A SUBSTANTIAL FLOW OF PEDESTRIANS TO ANY SPECIFIC MAJOR FUNCTION OF THE FACILITY." REVOLVING DOORS CAN NOT BE USED AS A REQUIRED ENTRANCE FOR THE HANDICAPPED. RECESSED DOORMATS ARE REQUIRED TO BE ANCHORED TO PREVENT INTERFERENCE WITH WHEELCHAIR TRAFFIC.

**DOOR WIDTHS AND HEIGHTS:**  
REQUIRED EXIT DOORWAYS ARE REQUIRED TO HAVE A CLEAR OPENING NOT LESS THAN 32 INCHES WIDE. FOR HINGED DOORS, THE OPENING IS MEASURED WITH THE DOOR AT A 90 DEGREE ANGLE FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS, INCLUDING AUTOMATIC DOORS, HAS TO PROVIDE THE 32 INCH CLEAR OPENING. DOOR HEIGHTS ARE REQUIRED TO BE A MINIMUM OF 80 INCHES.

DOORS TO HAVE SMOOTH SURFACE OR KICK PLATE WITHIN 10" OF THE FINISH FLOOR ON THE PUSH SIDE OF THE DOOR CBC SEC 11B-404.2.10

**2 Door / Hardware Detail**  
SCALE: NOT TO SCALE

**LOCATION FOR PERMANENT & TACTILE SIGNS**

**PERMANENT ROOMS & SPACES**

- PERMANENT ROOMS SHALL HAVE TACTILE AND BRAILLE SIGNAGE

**EXIT DOOR SIGNS**  
- DOORS AT EXIT PASSAGEWAYS, DISCHARGE, AND STAIRWAYS SHALL HAVE TACTILE AND BRAILLE SIGNAGE

**INFORMATIONAL SIGNS**  
- INFORMATIONAL SIGNS (I.E. DIRECTIONS TO ROOMS OR SPACES INCLUDING IDENTIFICATION OF EGRESS ROUTES SHALL HAVE VISUAL CHARACTERS

**AREAS OF REFUGE**  
- INSTRUCTIONS IN AREAS OF REFUGE SHALL HAVE VISUAL CHARACTERS

**RESTROOM SIGNS**  
- RESTROOM SIGNS TO HAVE TACTILE CHARACTER, BRAILLE, PICTOGRAM, AND 6" MIN ISA

- ADDITIONAL RESTROOM ID SIGNS TO BE LOCATED ON DOORS PER CBC

**LOCATION OF PERMANENT ROOM AND/OR TACTILE SIGNS**  
- PROVIDE SIGN AT LATCH SIDE OF DOOR

- DOUBLE DOORS - LOCATE ON RIGHT SIDE OF RIGHT DOOR

- DOUBLE DOORS WITH ONE INACTIVE LEAF - LOCATE SIGN ON INACTIVE LEAF

- IF THERE IS NOT ENOUGH SPACE ON LATCH SIDE OF SINGLE DOOR OR RIGHT SIDE OF DOUBLE DOORS, LOCATE SIGN ON NEAREST ADJACENT WALL

- SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS THAT HAVE CLOSERS WITHOUT HOLD OPEN DEVICES

- MINIMUM OF 18" X 18" CLEAR FLOOR SPACE CENTERED ON THE SIGN TO BE PROVIDED BEYOND THE ARC OF THE DOOR SWING IN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION

**TACTILE CHARACTERS**

- SHALL BE RAISED 1/32"

- UPPER CASE

- SANS SERIF - NOT ITALICS, SCRIPT, OR HIGHLY DECORATIVE

- WIDTH OF UPPERCASE LETTER "O" IS 55% TO 110% OF THE UPPERCASE LETTER "I". WIDTH: HT RATIO OF 3.5 TO 1:1 PER CBC

- HEIGHT SHALL BE 5/8" TO 2" BASED ON THE UPPERCASE LETTER "I". STROKE THICKNESS SHALL BE 15% OF UPPERCASE LETTER "I".

WIDTH: HT RATIO OF 1.5 TO 1:10 PER CBC

- CHARACTERS TO BE SEPARATED FROM RAISED BORDERS 3/8" MIN

- CHARACTER SPACING TO BE 1/8" TO 4 TIMES THE STROKE WIDTH

- LINE SPACING TO BE 35% TO 70% OF CHARACTER HEIGHT

- CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH AND SHALL CONTRAST (I.E. LIGHT ON DARK OR DARK ON LIGHT)

**PICTOGRAMS**  
- IF PICTOGRAMS ARE REQUIRED THEY SHALL BE LOCATED IN A SEPERATE FIELD WITH 6" MIN HT

- PICTOGRAMS AND THEIR FIELDS SHALL HAVE A NON-GLARE FINISH AND SHALL CONTRAST (I.E. LIGHT ON DARK OR DARK ON LIGHT)

- PICTOGRAMS TO HAVE A TEXT DESCRIPTION DIRECTLY BELOW (I.E. MEN, WOMEN, UNISEX)

**VISUAL CHARACTERS**

- REQUIRED SIGNS TO HAVE VISUAL CHARACTERS

- VISUAL CHARACTERS DO NOT NEED TO BE USED IF THE SIGN HAS BOTH TACTILE CHARACTERS AND BRAILLE

- IF VISUAL ONLY, CHARACTERS CAN BE UPPER OR LOWER CASE OR COMBINATION AND CAN NOT BE ITALICS OR HIGHLY DECORATIVE

- WIDTH OF UPPERCASE LETTER "O" IS 55% TO 110% OF THE UPPERCASE LETTER "I". WIDTH: HT RATIO OF 3.5 TO 1:1 PER CBC

- VISUAL CHARACTER HT TO BE DEPENDENT UPON HEIGHT AFF AND VIEWING DISTANCE AND SHALL BE 40" MIN AFF

- 40" - 70" AFF AND <72" VIEWING DISTANCE - 5/8" HT CHARACTERS

- 40" - 70" AFF AND @ 72" VIEWING DISTANCE - 5/8" HT + 1/8"/FT OF VIEWING DISTANCE

- 70" - 120" AFF AND <180" VIEWING DISTANCE - 2" HT CHARACTERS

- 70" - 120" AFF AND @ 180" VIEWING DISTANCE - 2" HT + 1/8"/FT OF VIEWING DISTANCE

- SUSPENDED OR OVERHEAD TO HAVE A HT OF 3" MIN MEASURED USING AN UPPERCASE "X" PER CBC

- STROKE THICKNESS SHALL BE 10% - 30% OF UPPERCASE LETTER "I". WIDTH: HT RATIO OF 1:5 TO 1:10 PER CBC

- CHARACTER SPACING TO BE 10% - 35% OF CHARACTER HT

- LINE SPACING TO BE 35% - 70% OF CHARACTER HT

- CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH AND SHALL CONTRAST (I.E. LIGHT ON DARK OR DARK ON LIGHT)

DOOR SCHEDULE							
TAG	DOOR TYPE	ROOM	FRAME	DOOR TYPE	FINISHES	HARDWARE	REMARKS
101A	EXTG	FRONT ENTRANCE	●				2
101B	EXTG	TO COMMON RESTROOMS	●				2, 3, 4
102	EXTG	EXIT	●	●			2
104A	A	BOH	●	●			1, 4
104B	EXTG	REAR EXIT	●	●			2, 3, 4
106	A	OFFICE	●	●			1, 4

**General Notes**

A. NONE.

**Remarks**

- UNDERCUT DOOR 1"
- REUSE EXISTING DOOR AND HARDWARE IF POSSIBLE. EXISTING HARDWARE TO BE EQUAL TO SCHEDULED HARDWARE OR MATCH BUILDING STANDARD. EXIT DOOR TO HAVE PANIC HARDWARE AS REQUIRED BY CODE - GC TO VERIFY EXISTING AND PROVIDE IF IT DOES NOT EXIST
- THE TENANT SIDE OF DOOR SHALL BE PAINTED P4 AND THE FRAME SHALL BE PAINTED TO MATCH THE ADJACENT WALL WITH SEMI-GLOSS PAINT
- ALL NEW/EXISTING HOLLOW METAL DOOR FRAMES ARE TO BE WELDED OR KNOCK-DOWN HOLLOW METAL PAINTED TO MATCH THE ADJACENT WALL. WOOD FRAMES ARE NOT ALLOWED. THE FRAMES SHOULD BE PAINTED WITH SPRAY APPLICATION; BRUSH AND ROLLER APPLICATIONS ARE NOT ALLOWED

	MANUFACTURER & MODEL #	STYLE	COLOR/ FINISH	REMARKS
<b>Doors and Frames</b>				
A - INTERIOR METAL DOORS	INSULATED HOLLOW METAL	FLUSH PANEL	PAINTED	
B - INTERIOR WOOD DOORS	SOLID CORE WOOD DOOR	FLUSH PANEL	PAINTED	
	MANUFACTURER & MODEL #	STYLE	COLOR/ FINISH	REMARKS
<b>Hardware Sets (not all sets are used)</b>				
HARDWARE GROUP A	SCHLAGE ALX SERIES	LEVER HANDLE, KEYED	BRUSHED NICKEL	1 1/2 PAIR HINGES DOOR STOP
HARDWARE GROUP B	SCHLAGE ALX SERIES	LEVER HANDLE, PRIVACY SET	BRUSHED NICKEL	1 1/2 PAIR HINGES DOOR STOP, DOOR CLOSER, COAT HOOK
HARDWARE GROUP C	SCHLAGE ALX SERIES	LEVER HANDLE, PASSAGE SET	BRUSHED NICKEL	1 1/2 PAIR HINGES, DOOR CLOSER DOOR STOP, DOOR CLOSER

DOOR SCHEDULE							
TAG	DOOR TYPE	ROOM	FRAME	DOOR TYPE	FINISHES	HARDWARE	REMARKS
			HOLLOW METAL -PAINTED WOOD				
			EXISTING FRAME				
			PAIR				
			SOLID CORE WOOD 3'-0" X 7'-0"				
			INSULATED HOLLOW METAL 3'-0" X 7'-0"				
			SOLID CORE WOOD, VENT IN DOOR				
			EXISTING DOOR				
					PAINTED TO MATCH ADJACENT WALL (FRAME ONLY)		
					PAINTED P4		
					BRUSHED NICKEL		
					BRUSHED STAINLESS		
					GROUP A		
					GROUP B		
					GROUP C		
					EXISTING HARDWARE		

**Note**  
SEE DIVISION 8 OF THE SPECIFICATIONS, CONTAINING IMPORTANT INFORMATION RELATING TO BUILDING CODES, CITY ORDINANCES, MATERIALS AND METHODS.

**ARCHITECTURAL SPECIFICATIONS**

**DIVISION 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 THE ADJACENT CONCRETE. USE 2,500 PSI CONCRETE OR HIGHER. PROVE #4 X 12" REBAR DOWELS AT 48" O/C, DRILLED AND DOWELED 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 COMPACTION.

**DIVISION 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. CONTRACTOR MAY USE RIGID FOAM INSULATION AT HIS OPTION.
  - AT ALL NEW 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" INSULATING 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 CEILINGS.
  - AT OTHER LOCATIONS, IF ANY, AS SPECIFIED ON THE FLOOR PLANS: 4" SOUND BATTS.
- INSULATION BOTH THERMAL AND ACOUSTIC TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450. (FBC 803.8, IBC 719 AND ASTM E84).

**DIVISION 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 1" BLOCK LETTERS WITH CONTRASTING BACKGROUND THAT READS, "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED".

**WINDOWS AND GLASS**

- ALL GLASS SUBJECT TO HUMAN IMPACT SHALL CONFORM TO THE STANDARDS SET FORTH IN SECTION 2406 OF THE INTERNATIONAL.

**BUILDING CODE**

- GLASS: MATCH EXISTING THICKNESS, DESIGN AND FEATURES OF EXISTING GLASS. OTHERWISE USE 1/2" FLOAT OR TEMPERED AS REQUIRED BY NOTE 1 ABOVE.

**HARDWARE:**

- ALL HARDWARE SHALL MATCH EXISTING HARDWARE IN FINISH AND STYLE AT ALL REMODELED SPACES.

**DIVISION 9 FINISHES**

- REPAIR ALL EXISTING WALLS, FLOORS AND CEILINGS THAT ARE TO REMAIN. REPAIR TO "LIKE NEW" CONDITION, MATCHING ALL NEW WORK IN QUALITY, COLOR AND MATERIALS.
- SMOKE AND FLAME SPREAD FOR INTERIOR FINISHES FOR WALLS AND CEILING TO BE PER ASTM E84 AND FBC 803. FOR B OCCUPANCIES IN A SPRINKLERED SUITE:

EXIT ENCLOSURES AND EXIT PASSAGEWAYS	CLASS B	(FLAME SPREAD 26-75, SMOKE DEVELOPED 0-450)
CORRIDORS	CLASS C	(FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450)
ROOMS 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 FURRING, BATT INSULATION AND GYP. BOARD WITH WALL FINISHES TO MATCH ADJACENT WALLS IF REQUIRED (PROJECT SPECIFIC).
- WALL FINISH NOTES
  - AT NEW WALLS IN NEW AREAS: LEVEL 4 SMOOTH TEXTURE TO MATCH EXISTING WALLS, EGGSHELL LATEX PAINT.
  - AT NEW WALLS IN EXISTING AREAS: WALL FINISH TO MATCH EXISTING WALLS, EGGSHELL LATEX PAINT.
  - AT EXISTING WALLS: REPAIR TO "LIKE NEW" CONDITION MATCHING ALL NEW WORK IN QUALITY. REPAINT WITH EGGSHELL LATEX PAINT.
  - AT WALLS TO RECEIVE WALL COVERING: SMOOTH FINISH, NO TEXTURE, PAINT WITH WALL PRIMER.
  - ALL WALLS SHALL HAVE SQUARE CORNER BEAD, TYP.
  - ALL GYP BOARD SOFFITS SHALL HAVE SQUARE CORNER BEAD, TYP.
  - ALL WALLS AND CEILING IN RESTROOMS SHALL BE PAINTED WITH SEMI-GLOSS LATEX PAINT.

**5.1 FLOOR FINISH NOTES:**

- ALL FLOOR TO RECEIVE CERAMIC TILE SHALL HAVE A MAXIMUM OF 1/8" 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 FILLER PRIOR TO FINAL FLOOR COVERING INSTALLATION.
- ALL FLOOR FINISHES ARE AS INDICATED ON THE ROOM FINISH SCHEDULE. WITH FINAL COLOR AND STYLE SELECTIONS BY OWNER/TENANT.
- CARPET AND INTERIOR FLOOR FINISHES COMPRISED OF FIBERS IN VERTICAL EXITS, EXIT PASSAGEWAYS AND EXIT ACCESS CORRIDORS SHALL NOT BE LESS THEN CLASS II IN ACCORDANCE WITH NFPA 253. IN ALL OTHER AREAS THE INTERIOR FLOOR FINISHES SHALL COMPLY WITH THE DOC FF-1 "PILL TEST"(Cpsc 16 CFR, PART 1630). IN A SPRINKLERED BUILDING, MATERIALS COMPLYING WITH THE "PILL TEST" MAY BE USED WHERE CLASS II ARE REQUIRED.
- TRANSITIONS BETWEEN MATERIALS TO BE WITH SLEUTER TRIM OR EQUIVALENT. MAXIMUM 1/8" TOLERANCE BETWEEN ELEVATIONS OF FINISHED MATERIALS.

**DIVISION 10 SPECIALTIES**

- GRAB BARS: AS MANUFACTURED BY BOBRICK. ALL GRAB BARS MUST BE INSTALLED SO AS TO RESIST A VERTICAL LOAD OF 300 LBS. MINIMUM.
  - GB1: 36" BOBRICK B-6806, MOUNTING HEIGHT: 36" TO CENTER
  - GB2: 42" BOBRICK B-6806, MOUNTING HEIGHT: 36" TO CENTER
  - GB3: 18" GRAB BAR - VERTICAL, BOBRICK B-6806, 40" TO BOTTOM CENTER
- TOILET ACCESSORIES: ALL SPECIFIED MANUFACTURERS MAY BE SUBSTITUTED BY AN OWNER APPROVED EQUAL - FURNISHED AND INSTALLED BY CONTRACTOR UNLESS NOTED OTHERWISE
  - PROVIDE ONE EACH AT EACH SINGLE USE TOILET:
    - TOILET PAPER DISPENSER, GEORGIA PACIFIC 59498A (SEE ELEVATIONS FOR MOUNTING HEIGHT - 48" MAX TO CONTROL)
    - SOAP DISPENSER, PURE FORCE FOAMING SOAP DISPENSER - WALL MOUNTED - 48" MAX TO CONTROL
    - PAPER TOWEL DISPENSER, GEORGIA PACIFIC 59498A 48" MAX. TO CONTROL
    - MIRROR 18" X 36" BRUSHED STAINLESS STEEL MIRROR, EQUAL TO BOBRICK MODEL #B-165 - 40" TO BOTTOM OF REFLECTIVE SURFACE
    - COAT HOOK, BOBRICK, #B6827 - SS COAT HOOK, 60" TO CENTER

**DIVISION 12 FURNISHINGS**

**CASEWORK**

- 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.
- PROVIDE CASEWORK AS INDICATED IN THESE DOCUMENTS. PROVIDE SHOP DRAWINGS FOR BARR ARCHITECTURE TO REVIEW PRIOR TO MANUFACTURING SHOWING THE TYPE OF FABRICATION PROPOSED.
- PROVIDE CASEWORK WITH ALL NECESSARY FILLER PANELS, HARDWARE, HINGES AND PULLS.

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Sheet Title: <b>DOOR SCHEDULE &amp; ARCHITECTURAL SPECIFICATIONS</b>	
Scale: NOTED	
Date: 11.04.24	Sheet No. A-601
Project No. 24-1909	

### MECHANICAL SPECIFICATIONS

- 1.1 HVAC UNITS: SEE SCHEDULE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- 2.1 CONDENSATE DRAINS: COPPER. RUN TO AN APPROVED DRAIN. SLOPE AT 1/8" PER FOOT.
- 3.1 EXHAUST:
  - a. EXHAUST VENTS MUST TERMINATE 10' HORIZONTALLY FROM OR 3' ABOVE AIR INTAKES, WINDOWS AND VENT SHAFTS.
  - b. SEE SCHEDULE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
  - c. MECHANICAL VENTILATION IN TOILET ROOMS SHALL PROVIDE ONE COMPLETE AIR EXCHANGE EVERY FIFTEEN MINUTES AND SHALL BE VENTED TO THE OUTSIDE OF THE BUILDING.
- 4.1 DUCTWORK:
  - a. VERTICAL DROPS: 24 GAUGE GALVANIZED METAL WITH 1/2" DUCT LINER OR 1" FIBERGLASS DUCT BOARD, UL-181, CLASS 1. DUCT TO HAVE MINIMUM R-6 INSULATION AT NON CONDITIONED AREAS.
  - b. HORIZONTAL DUCTWORK: 1" THICK ALUMINUM FACED FIBER DUCT BOARD, UL-181, CLASS 1. DUCT TO HAVE MINIMUM R-6 INSULATION AT NON CONDITIONED AREAS.
  - c. DUCTWORK ABOVE THE ROOF: GALVANIZED SHEET METAL, LOCK FORM QUALITY, 1-1/4 oz. ZINC GALVANIZING PER SQUARE FOOT. LINE WITH 1" THICK MANVILLE LINACOUSTIC COATED LINER OR EQUAL. DUCT TO HAVE MINIMUM R-12 INSULATION VALUE.
  - d. EXHAUST DUCTS: GALVANIZED SHEET METAL, LOCK FORM QUALITY, 1-1/4 oz. ZINC GALVANIZING PER SQUARE FOOT.
  - e. FLEX DUCT: GENERAL FLEX TYPE, WITH INSULATION, SLR-25, UL1818, CLASS 1.
  - f. TAKE OFF FITTINGS: TWIST-LOK TYPE DB-IDEL FITTINGS WITH 45° EXTRACTOR AND MANUAL VOLUME CONTROL DAMPER. USE FOR ALL CONNECTIONS OF FLEX DUCT WITH FIBER DUCT BOARD. USE FITTING WITHOUT EXTRACTOR FOR RETURN AIR AND TRANSFER DUCT CONNECTIONS.
  - g. SUSPEND DUCTWORK FROM STRUCTURE ABOVE. HANGERS TO BE 5'-0" O.C. MAXIMUM.
  - h. JOINTS: SYSTEM IS A LOW PRESSURE SYSTEM. JOINTS, SEAMS AND CONNECTIONS SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS OR TAPES INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. TAPES AND MASTICS TO BE LABELED PER UL181A AND UL181B PER THEIR TYPE, AND BE MARKED ACCORDINGLY.
  - i. DRYER EXHAUST DUCTS: GALVANIZED SHEET METAL, LOCK FORM QUALITY, MIN 26 GA.
- 5.1 REGISTERS, GRILLES AND DIFFUSERS: APPROVED SUPPLIERS ARE TITUS, KRUEGER, J&J, HART & COOLEY, METALAIR AND GARNES.
- 6.1 GRAVITY DAMPERS: GRAVITY DAMPERS ARE TO BE INSTALLED ON OUTDOOR AIR SUPPLY DUCTS AND TO EXHAUST DUCTS.
- 7.1 A SEPARATE THERMOSTAT WILL BE PROVIDED TO OPERATE EACH HVAC UNIT. THERMOSTAT TO BE 7 DAY / 4 PERIOD PROGRAMMABLE, WITH 10 HOUR MEMORY BATTERY BACKUP, WITH MANUAL HEATING/COOLING CHANGEOVER, AND 2 HOUR MANUAL OPERATION OVERRIDE. SETBACK TEMPERATURE TO BE SET BETWEEN 55°F AND 85°F.
- 8.1 PROVIDE OWNER WITH ALL OPERATING AND MAINTENANCE MANUALS, UNIT SPECIFICATION CUT SHEETS, WIRING DIAGRAMS AND SCHEMATICS TO AC UNITS AND THERMOSTATS. PROVIDE DOCUMENTATION ON THE INTENDED USE OF EACH PIECE OF EQUIPMENT, AND BALANCING REPORT.
- 9.1 SMOKE DETECTORS: SMOKE DETECTORS: PROVIDE FOR AUTOMATIC SHUTOFF TO THE SUPPLY DUCTS FOR DETECTION OF SMOKE FOR EACH UNIT. AUTOMATIC SHUTOFF SHALL INTERRUPT THE POWER SOURCE OF ALL UNITS UPON DETECTION OF SMOKE. [REQUIRED ON UNITS OVER 2000CFM]

### MITSUBISHI ELECTRIC TRANE HVAC US: DENVER MULTI VRF INDOOR UNIT SCHEDULE

SYSTEM TAG	MODEL	TYPE	NOMINAL COOLING CAPACITY (BTU/h)	NOMINAL HEATING CAPACITY (BTU/h)	COOLING DESIGN ENTERING TEMP (DB/WB) (°F)	HEATING DESIGN ENTERING TEMP (DB/WB) (°F)	AIRFLOW (CFM)	VOLTAGE/ PHASE	MCA/ MFS	NOTES/ OPTIONS
VRF-1	PLFY-P15-VFM-E1	CEILING CASSETTE (4-WAY)	5,800 CLG 0.5 TONS	6,500 HTG	80.0/67.0	70.0	230/265	208V/ 1-PHASE	0.19 FLA /15 A MFS	1, 2, 3, 4
VRF-2	PLFY-P63VEM-A	CEILING CASSETTE (4-WAY)	24,200 CLG 2.0 TONS	27,300	80.0/67.0	70.0	530/565/600/671	208V/ 1-PHASE	0.36 FLA /15 A MFS	1, 2, 3, 4

- NOTES:
1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 95°F (DB).
  2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 43°F (WB)
  3. SEE OUTDOOR UNIT SCHEDULE FOR OUTDOOR AMBIENT CONDITIONS, CONNECTED CAPACITY
  4. SEE MANUFACTURER'S SCHEMATIC PIPING/CONTROL DIAGRAM FOR INDOOR UNIT REMOTE CONTROLLERS, SYSTEM CONTROLLERS AND INTEGRATION DEVICES

### MECHANICAL KEYNOTES

1. NEW 8-TON VRF SYSTEM CONDENSING UNIT ON LOWER LEVEL PARKING GARAGE - GC TO COORDINATE LOCATION WITH LL AND RUN ALL LINES AS REQUIRED
2. UNDERCUT DOOR 1"
3. PROVIDE DRYER BOX AND 4" DIA DRYER VENT DUCT TO EXTERIOR THRU ROOF TO A GOOSENECK AND FLAPPER AT 24" ABOVE ROOF. COORDINATE EXACT LOCATION WITH LANDLORD. VERIFY ROOF TERMINATION WITH OHJ
4. ALL EXPOSED DUCT WORK MUST BE PAINTABLE. INTERNALLY LINED SPIRAL DUCTWORK MOUNTED AS HIGH AS POSSIBLE. TYP
5. PROVIDE THERMOSTAT PER OWNER'S SPECIFICATIONS - CONFIRM WITH OWNER
6. ROUTE CONDENSATE PIPING FROM VRFs TO MOP SINK AT 1/4" PER FOOT SLOPE.
7. CONCRETE DECK ABOVE IS POST TENSION - GC TO XRAY SLAB AS REQUIRED AND COORDINATE EQUIPMENT/LIGHTING HANGING LOCATIONS
8. GC TO INSTALL LL APPROVED LOUVER TO MATCH EXISTING

### Mechanical Equipment Schedule

	MANUFACTURER & MODEL #	TONS	CFM	EER	SEER	COP	CLG MBH	HTG MBH	VOLT.	PHASE	FLA	MOCAP	WEIGHT	REMARKS	NOTES
CU-1	PURY-P967SKMU-A	8	-	12		3.5	96	108	208	3	34	60	538 LBS	VRF OUTDOOR UNIT	2
EF-1	GREENHECK SP SERIES	-	75						120	1	<10	15	<30 LBS	CABINET EXHAUST FAN WITH 4" DUCT TO EXTERIOR CAP	1

- NOTES:
1. EXHAUST FAN WITH BACK DRAFT DAMPER, DIRECT DRIVE. COORDINATE EXHAUST TO THE EXTERIOR WITH THE LL
  2. OUTDOOR UNIT MOUNTED ON ROOF. SERVES INDOOR UNITS. NOMINAL COOLING CAPACITIES BASED ON INDOOR COIL EAT OF 80/67 DEG F (DB/WB), OUTDOOR OF 95 DEG F (DB), NOMINAL HEATING CAPACITIES BASED ON INDOOR COIL EAT OF 70 DEG F (DB), OUTDOOR OF 43 DEG F (WB), EFFICIENCY VALUES FOR EER, IEER, COP BASE ON AHR1 1230 TEST METHOD FOR NON-DUCTED INDOOR UNITS. SYSTEM WITH MULTIPLE MODULES, ADD FIELD CHARGE BASED ON FINAL AS-BUILT PIPING LAYOUT. CONSTRUCTION DRAWINGS SHALL BE PROVIDED BY EQUIPMENT VENDOR. INSTALLATION SHALL BE COMPLETE AND FUNCTIONAL

### GENERAL SHEET NOTES

- A. SEE MECHANICAL SPECIFICATIONS THIS SHEET FOR IMPORTANT INFORMATION RELATING TO BUILDING CODES, CITY ORDINANCES, MATERIALS AND METHODS.
- B. ROOF PENETRATIONS AND ROOF WORK TO BE PERFORMED BY LANDLORD'S CONTRACTOR IF REQUIRED. VERIFY WITH LANDLORD
- C. ROOMS THAT ARE SHOWN WITHOUT RETURN AIR REGISTER OR A TRANSFER GRILL, SHALL HAVE AN UNDERCUT DOOR BY 1" FOR RETURN A/C BALANCE.

### MECHANICAL LEGEND

FLEX DUCT AND NECK SIZES FOR SUPPLY AND RETURN AIR.

- |                                     |  |
|-------------------------------------|--|
| 0-75 CFM= 6x6 NECK W/ 6" FLEX       |  |
| 76-175 CFM= 9x9 NECK W/ 8" FLEX     |  |
| 176-200 CFM= 12x12 NECK W/ 8" FLEX  |  |
| 201-280 CFM= 12x12 NECK W/ 10" FLEX |  |
| 281-350 CFM= 12x12 NECK W/ 12" FLEX |  |
| 351-425 CFM= 15x15 NECK W/ 12" FLEX |  |
| 426-500 CFM= 15x15 NECK W/ 14" FLEX |  |
| 501-560 CFM= 18x18 NECK W/ 14" FLEX |  |
- 
- |  |   |
|--|---|
|  | SUPPLY AIR REGISTER   |
|  | SUPPLY AIR REGISTER WITH DAMPER IN REGISTER   |
|  | RETURN AIR GRILLE W/ FILTER   |
|  | 24X24 TRANSFER GRILLE EACH SIDE WITH 10" FLEX DUCT CONNECTOR U.N.O.                 |
|  | FLEX DUCT WITH MANUAL VOLUME CONTROL DAMPER   |
|  | DUCT SIZE INDICATOR   |
|  | CHANGE IN DUCT SIZE   |
|  | SUPPLY DUCT   |
|  | RETURN DUCT   |
|  | EXHAUST FAN   |
|  | PROGRAMMABLE THERMOSTAT: MOUNTED BETWEEN 48"-64" A.F.F.                             |
|  | SMOKE DETECTOR ON SUPPLY DUCT   |
|  | CONDENSATION LINE DOWN TO WASTE LINE  |
|  | MECHANICAL UNIT. SEE MECHANICAL EQUIPMENT SCHEDULE FOR UNIT INFORMATION AND WEIGHT. |

### OUTSIDE AIR REQUIREMENT

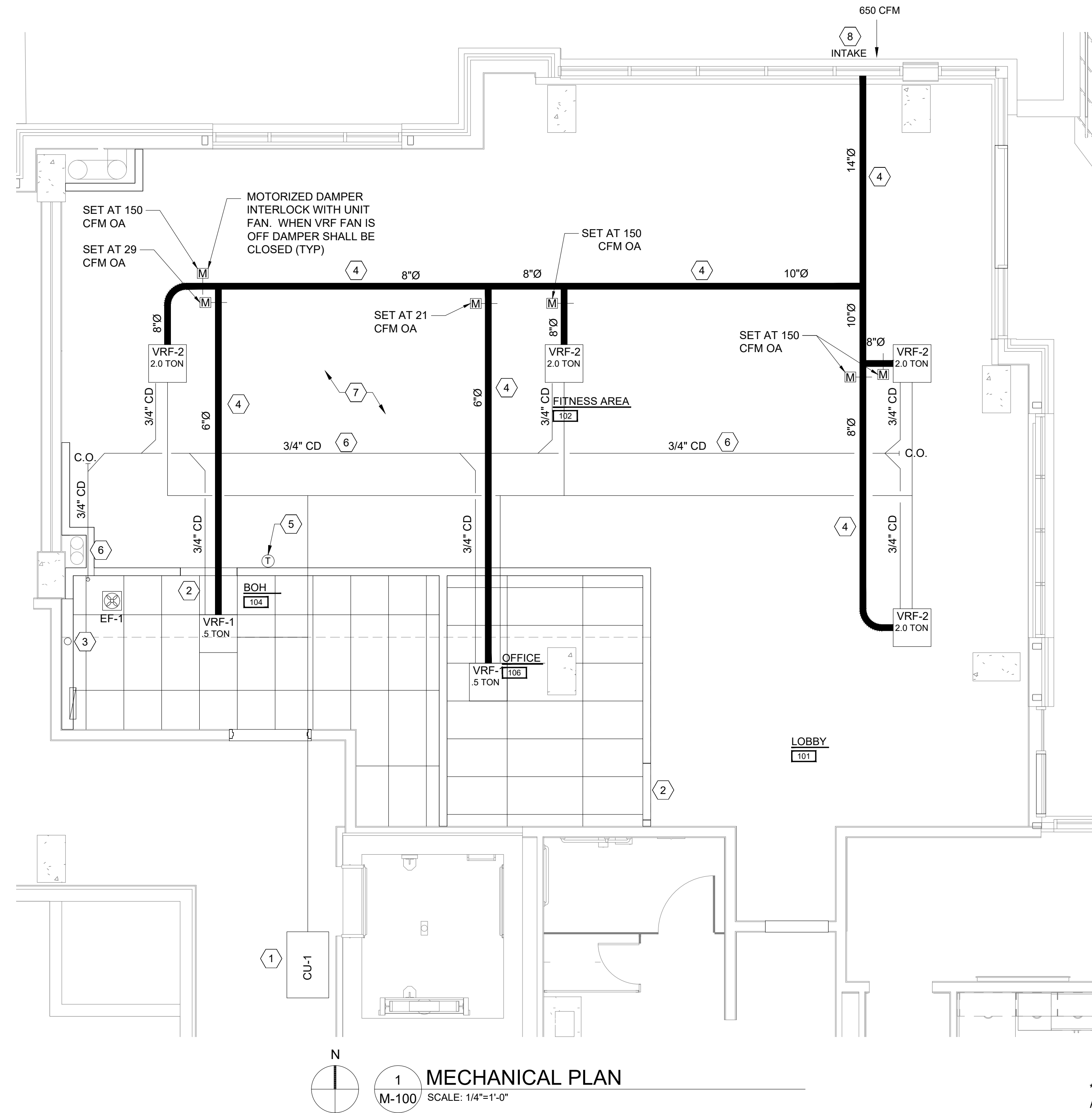
EQUATION 4-1:  $V_{bz} = R_p P_z + R_a A_z$   
 EQUATION 4-2:  $V_{oz} = V_{bz}/E_z$

HEALTH CLUB/WEIGHT ROOM:

$(2000 \text{ SF} / 1000) \times 10 = 20$

$V_{oz} = ((20 \times 20) + (0.06 \times 2000)) / .8 = 650 \text{ CFM}$

TOTAL: 650 CFM REQUIRED



1 MECHANICAL PLAN  
 M-100 SCALE: 1/4"=1'-0"

\*\*GC TO COORDINATE BUILD-OUT WITH BRAND STANDARDS AND MILLWORK SHOP DRAWINGS. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PM\*\*

Proj. Mgr.  
KB  
 Job. Capt.  
RB  
 Drawn by  
KB  
 Rev'd by  
RB

PROFESSIONAL ENGINEER  
 41389  
 COLORADO REGISTERED  
 B. JAY G. WISSE

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Sheet Title:  
**MECHANICAL PLAN**

Scale: NOTED

Date: 11.04.24  
 Project No. 24-1909

Sheet No.  
**M-100**

**PLUMBING SPECIFICATIONS**

- 1.1 ALL WATER FIXTURES SHALL HAVE HOT AND/OR COLD SHUT OFF VALVES.
- 2.1 INSULATE ALL HOT WATER SUPPLY AND RETURN PIPING.
- 3.1 PLUMBING FIXTURES SHALL HAVE THE FOLLOWING MAXIMUM FLOW RATES.
  - a. WATER CLOSETS: 1.6 GALLONS PER FLUSHING CYCLE
  - b. LAVATORIES: 0.5 GALLONS PER MINUTE AT 60 PSI
  - c. SINKS: 2.2 GALLONS PER MINUTE AT 60 PSI
  - d. URINALS: 1.0 GALLON PER FLUSHING CYCLE
  - e. SHOWER HEAD: 2.5 GALLONS PER MINUTE AT 80 PSI
- 4.1 SLOPE ALL SEWER LINES AS FOLLOWS:
  - a. 4" AND LARGER: 1%
  - b. 3" AND SMALLER: 2%
- 5.1 EACH CLEAN OUT SHALL BE READILY ACCESSIBLE AND LOCATED AS TO SERVE ITS PURPOSE.
- 6.1 ALL SURFACE CLEAN OUTS SHALL EXTEND TO FINISH GRADE.
- 7.1 ALL FLOOR DRAINS / FLOOR SINKS SHALL HAVE TRAP PRIMERS.
- 8.1 VENTS MUST TERMINATE 10 HORIZONTALLY FROM OR 3 FEET ABOVE AIR INTAKES, WINDOWS AND VENT SHAFTS
- 9.1 PIPING REQUIREMENTS:
  - a. POTABLE WATER: TYPE L HARD DRAWN COPPER FOR ALL ABOVE SLAB USES, TYPE K SOFT DRAWN COPPER FOR ALL IN-SLAB AND UNDERGROUND USES. NO JOINTS OR FITTINGS ARE PERMITTED IN-SLAB OR UNDERGROUND.
  - b. WASTE AND VENT: CAST IRON ABOVE GROUND AND ABS BELOW SLAB IN TYPE III-A, 1 HOUR OR TYPE V-A, 1 HOUR CONSTRUCTION. SEE "PROJECT INFORMATION" ON SHEET A-1 FOR CONSTRUCTION TYPE.
  - c. WASTE AND VENT: ABS IN TYPE III-B OR TYPE V-B CONSTRUCTION. SEE "PROJECT INFORMATION" ON SHEET A-1 FOR CONSTRUCTION TYPE.
- 10.1 ALL ROUGH-IN LOCATIONS SHOWN ARE APPROXIMATE. FINAL AND ACCURATE LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR. COORDINATE WITH ALL ACCESSIBILITY ISSUES.
- 11.1 CONTRACTOR IS RESPONSIBLE FOR ALL ROUGH-IN AND FINAL CONNECTION OF ALL PLUMBING FIXTURES UNLESS NOTED OTHERWISE ON THE PLANS.
- 12.1 INSTALL ALL FAUCETS, DRAINS AND SIMILAR ITEMS FURNISHED BY THE EQUIPMENT SUPPLIERS REQUIRED FOR ALL EQUIPMENT TO FUNCTION PROPERLY.

**PLUMBING KEYNOTES**

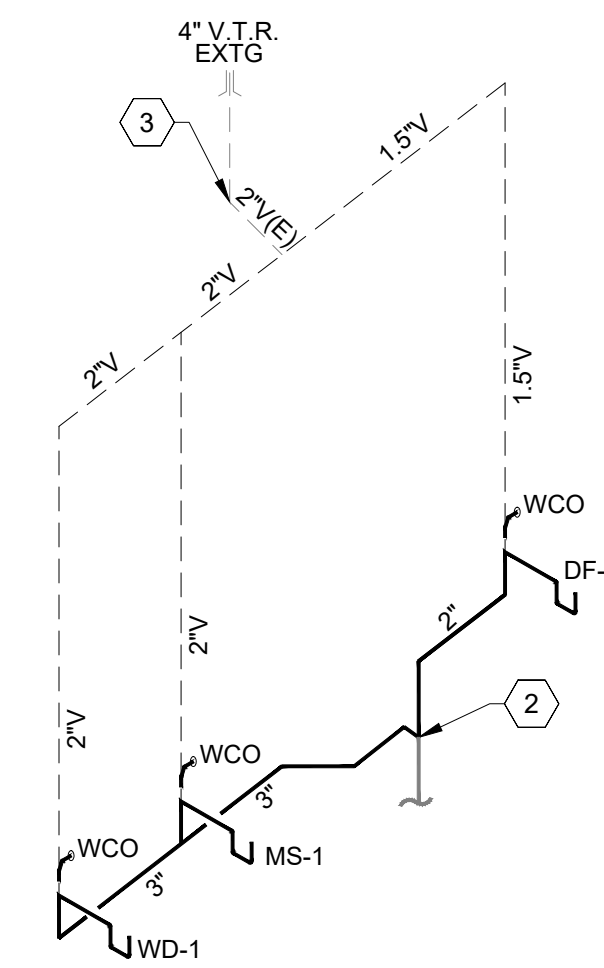
1. EXISTING SHUT OFF VALVE ABOVE CEILING (VERIFY LOCATION).
2. EXISTING 4"Ø SEWER BELOW. TIE INTO EXISTING SEWER LINE - GC TO VERIFY LOCATION FOR CONNECTION. PARTS OF SLAB ARE POST TENSION SO GC RESPONSIBLE TO XRAY SLAB AS REQUIRED AND COORDINATE ALL PENETRATIONS. RUN SEWER LINES IN WALL IF POSSIBLE SO ONLY ONE PENETRATION IS REQUIRED
3. TIE INTO EXISTING VENT LINE, VERIFY LOCATION
4. EXTG HW HEATER TO HAVE GALVANIZED DRIP PAN WITH 3/4" T&P DRAIN WITH AIR GAP TO EXTERIOR. WATER HEATER TO BE SET AT 120" MAX - SEE DETAIL 3/P-100. GC TO COORDINATE HW HEATER LOCATION - LOCATE ABOVE CONCRETE SHELF IF NEEDED
5. VERIFY METERING REQUIREMENTS

**PLUMBING FIXTURE SCHEDULE**

	DESCRIPTION	MANUFACTURER & MODEL #	FITTING & CAPACITY	ACCESSORIES & REMARKS	NOTES	CW	HW	WASTE	VENT
MS-1	MOP SINK 24" X 24" X 10"	AMERICAN STANDARD MSB2424100 FIAT SHOWERS MOLDED SIONE MOP	FLOOR MOUNTED	AMERICAN STANDARD SERVICE FAUCET 63.600A. HOSE AND HOSE HOLDER 65.700 VINYL BUMPER GUARDS & DURAGAURD	-	1/2"	1/2"	3"	2"
DF-1	DRINKING FOUNTAIN	ELKAY EZH20 LZSTL8WSSP		WITH BOTTLE FILLER AND CANE APRON GC TO CONFIRM WITH OWNER		1/2"	1-1/2"	1.5"	
WH-1	WATER HEATER	RHEEM Q041652424, XE0P06P0200	10 GAL	ELECTRIC WATER HEATER 208V, 2000W		3/4"	3/4"	-	-
WD-1	WASHER/DRYER BY TENANT	GUY GRAY WB200HA OR EQ		WASHING MACHINE BOX SINGLE LEVER, SHUT OFFS		3/4"	3/4"	3"	2"

**NOTES:**

1. PROVIDE MIXING VALVE FOR PUBLIC-USE LAVATORY TO LIMIT HOT WATER TO A MAXIMUM OF 110°F. USE MIXING VALVE SYMMONS #4-10B OR EQUAL. INSTALL PER MANUFACTURERS INSTALLATION SPECIFICATIONS. INSTALL ADA COMPLIANT PIPE INSULATION AT ALL EXPOSED LAVATORY PIPING



**4 WASTE AND VENT SCHEMATIC**  
P-100 N.T.S

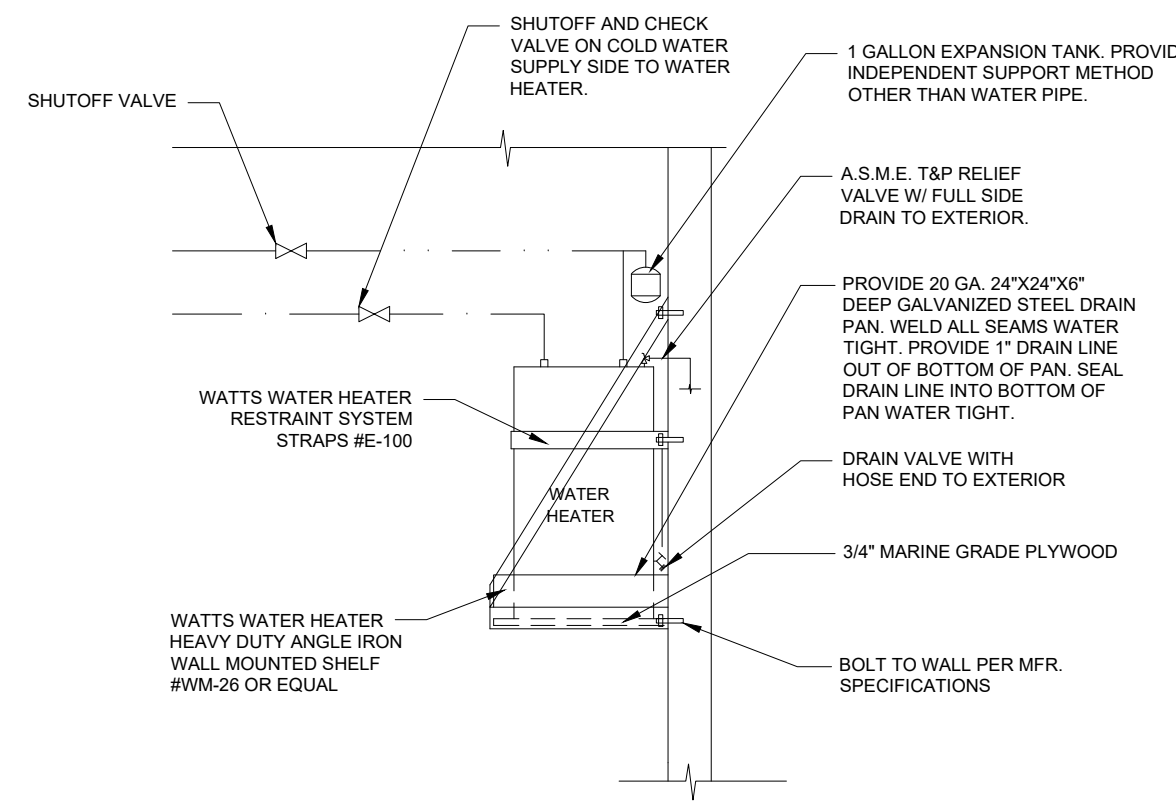
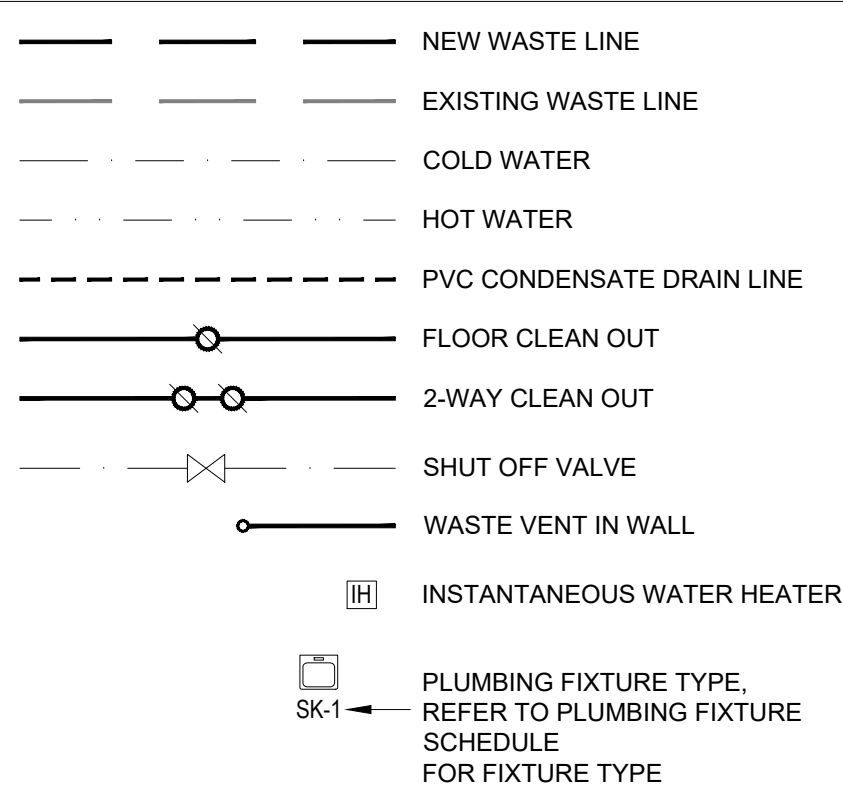
**GENERAL SHEET NOTES**

- A. WASTE AND VENT PIPE SIZES, SEE THIS SHEET.
- B. SEE PLUMBING SPECIFICATIONS THIS SHEET FOR IMPORTANT INFORMATION RELATING TO BUILDING CODES, CITY ORDINANCES, MATERIALS AND METHODS.

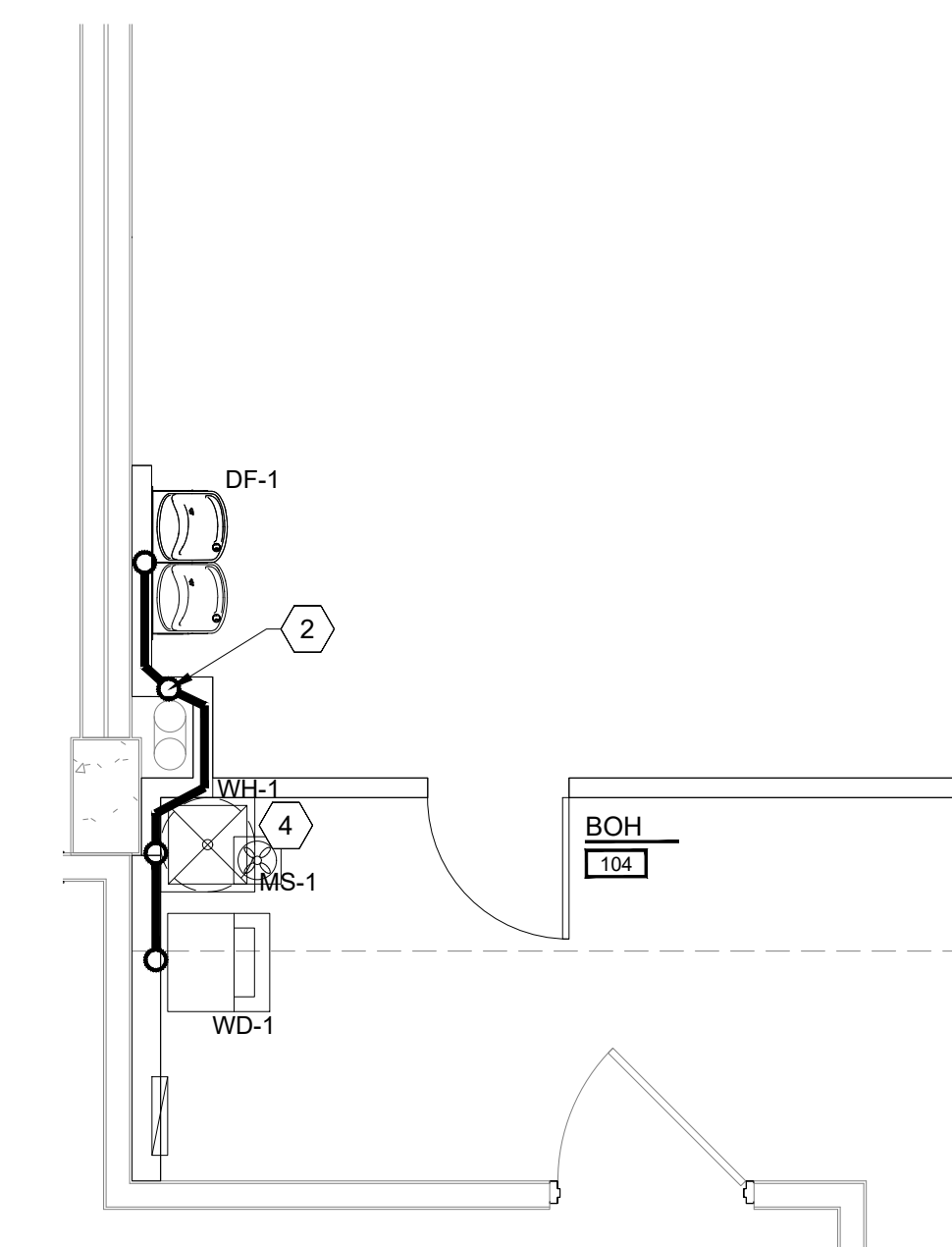
**FIXTURE UNIT COUNT**

FIXTURE	QUAN.	F.U. EACH		F.U. TOTAL	
		WATER	WASTE	WATER	WASTE
CLOTHES WASHER (PRIVATE)	1	3	3	3	3
DISH WASHER	0	1.4	2	0	0
DRINKING FOUNTAIN	2	0.25	0.5	0.5	1
EVAPORATIVE COOLER	0	2	-	0	-
FLOOR DRAIN	0	-	2	-	0
FLOOR SINK	0	-	3	-	0
HAND SINK	0	1.5	2	0	0
HOSE BIBB	0	5	-	0	-
ICE MACHINE	0	1	-	0	-
LAVATORY	0	1.5	2	0	0
MOP SINK	1	3	4	3	4
SERVICE SINK	0	3	2	0	0
SHOWER	0	4	2	0	0
SINK	0	4	2	0	0
TRAP PRIMERS	0	2	-	0	-
URINAL	0	3	4	0	0
WATER CLOSET (FLUSH TANK)	0	2.5	4	0	0
3 COMPARTMENT SINK	0	4	3	0	0
DENTAL LAVATORY	0	1	1	0	0
-	0	0	0	0	0
-	0	0	0	0	0
-	0	0	0	0	0
<b>TOTAL UNITS (THIS PROJECT)</b>		<b>6.5</b>	<b>8</b>		

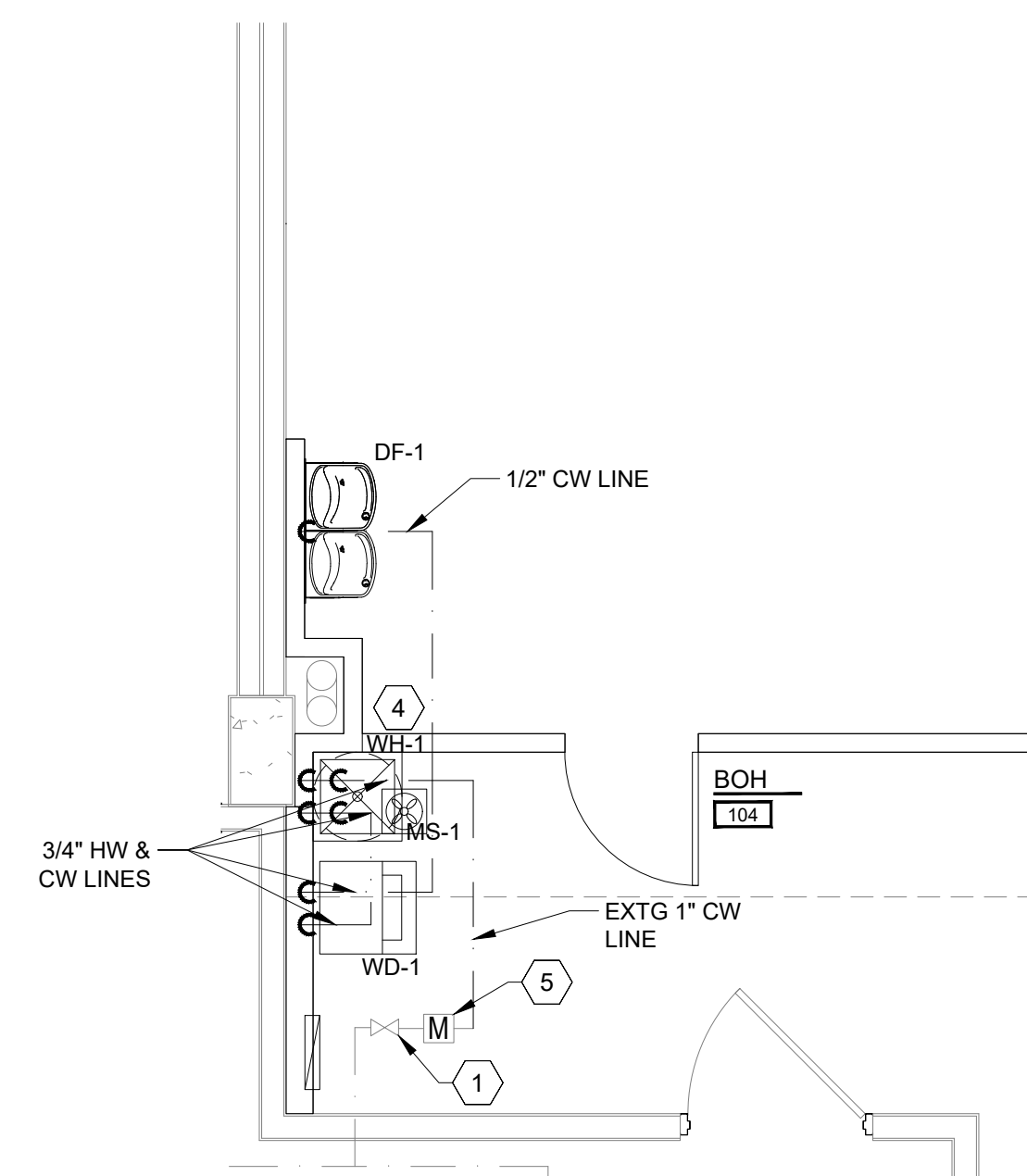
**PLUMBING LEGEND**



**3 WATER HEATER DETAIL**  
P-100 N.T.S



**2 PARTIAL SEWER PLAN**  
P-100 SCALE: 1/4"=1'-0"



**1 PARTIAL WATER PLAN**  
P-100 SCALE: 1/4"=1'-0"

Proj. Mgr.  
KB  
Job. Capt.  
RB  
Drawn by  
KB  
Rev'd by  
RB

**COLORADO REGISTERED**  
BY JAY G. WISE, P.E.  
41389  
**PROFESSIONAL ENGINEER**

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Revisions


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**357 S BANNOCK ST SUITE R104**  
**DENVER, CO 80223**

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Sheet Title:  
**PLUMBING PLANS**

Scale:  
NOTED

Date:  
11.04.24

Project No.  
**24-1909**

Sheet No.  
**P-100**

\*\*GC TO COORDINATE BUILD-OUT WITH BRAND STANDARDS AND MILLWORK SHOP DRAWINGS. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PM\*\*

**GENERAL SHEET NOTES**

- A. SEE ELECTRICAL SPECIFICATIONS FOR IMPORTANT INFORMATION RELATING TO BUILDING CODES, CITY ORDINANCES, MATERIALS AND METHODS.
- B. CONFIRM ALL FINAL RECEPTACLE LOCATIONS WITH BRAND STANDARDS
- C. ALL OUTLETS LOCATED WITHIN 6'-0" OF WATER TO BE GFI RATED

**WIRING SCHEDULE**

GENERAL NOTES:  
 A. PROVIDE CODE SIZE GROUND CONDUCTOR IN ALL CONDUIT (THE GROUND CONDUCTOR IS NOT SHOWN IN WIRE COUNT).  
 B. AMPACITY SHOWN IS AMPACITY OF CONDUCTOR WITH CORRECTION FACTOR FOR 41-45°C, FOR CONDUCTOR RATED @ 75°C PER NEC TABLE 310.16.

CIRCUIT BREAKER AMPS	CONDUCTORS	AMPACITY	GROUND	CONDUIT SIZE
20	#12	20.5	#12	3/4"
30	#10	28.7	#10	3/4"
40	#8	41.0	#10	3/4"
50	#6	53.3	#10	1"
60	#4	69.7	#10	1"

**ELECTRICAL LEGEND**

	DUPLEX OUTLET - 18" AFF, TYP - SEE PLAN FOR HEIGHT
	4-PLEX OUTLET - 18" AFF, TYP - SEE PLAN FOR HEIGHT
	J-BOX
	GROUND FAULT INTERRUPT OUTLET
	COMPUTER DATA TERMINAL OUTLET
	JUNCTION BOX WITH PULL STRING

**POWER PLAN KEYNOTES**

1. LOCATION OF NEW RECESSED ELECTRICAL PANEL. RUN CONDUIT AND WIRES FROM EXISTING TRANSFORMER AND DISCONNECT IN SECONDARY ELECTRICAL ROOM ON LEVEL BELOW
2. MECHANICAL EQUIPMENT LOCATED ON PARKING GARAGE LEVEL BELOW - COORDINATE FINAL LOCATION AND RUN CONDUIT TO TENANT SPACE. PROVIDE CONNECTION TO PANEL
3. J-BOX FOR TENANT SIGN, VERIFY LOCATION. PROVIDE POWER AS SHOWN. RUN CIRCUIT THROUGH TIMECLOCK TO PANEL. LOCATE TIMECLOCK ADJACENT TO TMB
4. GC TO COORDINATE WITH FRANCHISEE FOR ANY ADDITIONAL OUTLET REQUIREMENTS FOR SOUND SYSTEM, SPEAKERS, SECURITY EQUIPMENT ETC
5. COORDINATE LOCATION WITH RECEPTION DESK. PROVIDE FLOOR MOUNTED POWER AND DATA OUTLET AS REQUIRED BY RECEPTION DESK. PART OF SLAB IS POST-TENSION - GC TO XRAY SLAB AS REQUIRED AND COORDINATE PENETRATION/SAWCUTTING
6. PROVIDE DIGITAL TIME CLOCK FOR TENANT SIGN - INSTALL AT 6'-0" AFF, IF ONE DOES NOT EXIST
7. CLOCK TO BE LOCATED OVER THE TV AND USE THE SAME ELECTRICAL OUTLET. BOTTOM OF TV TO BE AT 72" AFF
8. SHOW WINDOW RECEPTACLE MOUNTED WITHIN 18" OF TOP OF WINDOW (TYP)
9. 30A, 2P DRYER PLUG #10'S - CONFIRM WITH FRANCHISEE PROVIDED EQUIPMENT
10. POWER WIRING FOR TENANT PROVIDED AND INSTALLED SIGN. SIGN TO BE LOCATED ON WALL FACING FITNESS AREA ABOVE SLAT WALL. POWER TO BE SWITCHED WITH THE FITNESS AREA LIGHTING AND FINAL CONNECTION OF THE SIGN WIRING TO THE SIGN POWER TO BE BY THE CONTRACTOR

**GENERAL SHEET NOTES**

- A. SEE ELECTRICAL SPECIFICATIONS FOR IMPORTANT INFORMATION RELATING TO BUILDING CODES, CITY ORDINANCES, MATERIALS AND METHODS.
- B. VERIFY LIGHTING, AIR SUPPLY AND AIR RETURN LOCATION WITH CONTRACTOR PRIOR TO INSTALLATION.
- C. GC TO VERIFY EXACT LOCATION OF ALL ELECTRICAL EQUIPMENT WITH OWNER PRIOR TO INSTALLATION. GC TO COORDINATE ALL ITEMS WITH BRAND STANDARDS

**LIGHTING LEGEND**

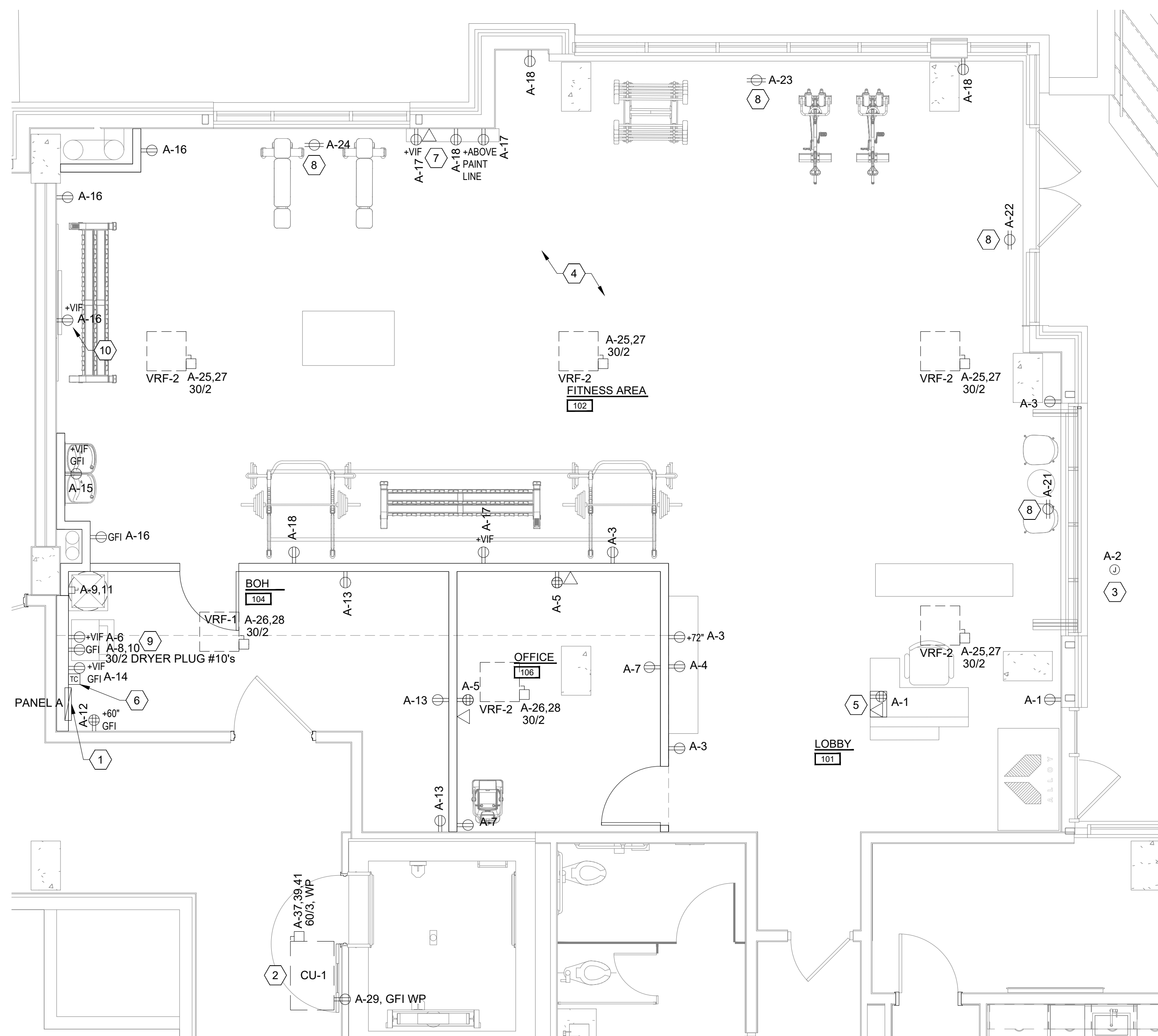
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	2X4 LED TROFFER		EXIT SIGN / COMBINATION EXIT/EMER. LIGHT W/ BATTERY PACK
	ENTRY PENDANT		EMERGENCY LIGHT
	LOW BAY PENDANT		RETURN AIR GRILLE
	RESTROOM WALL SCONCE		SUPPLY AIR DIFFUSER
	FAN		EXHAUST FAN
	ROTARY KNOB FOR FAN CONTROLS (PROVIDED BY MANUFACTURER, INSTALLED BY EC)		WALL SWITCH OCCUPANCY SENSOR - HUBBELL CONTROL LHMTS1W
			WALL SWITCH OCCUPANCY SENSOR - HUBBELL CONTROL SOLUTION - SINGLE POLE DIMMING TYPE

E - EXISTING TO REMAIN  
 R - RELOCATE  
 D - DEMOLISH  
 N - NEW

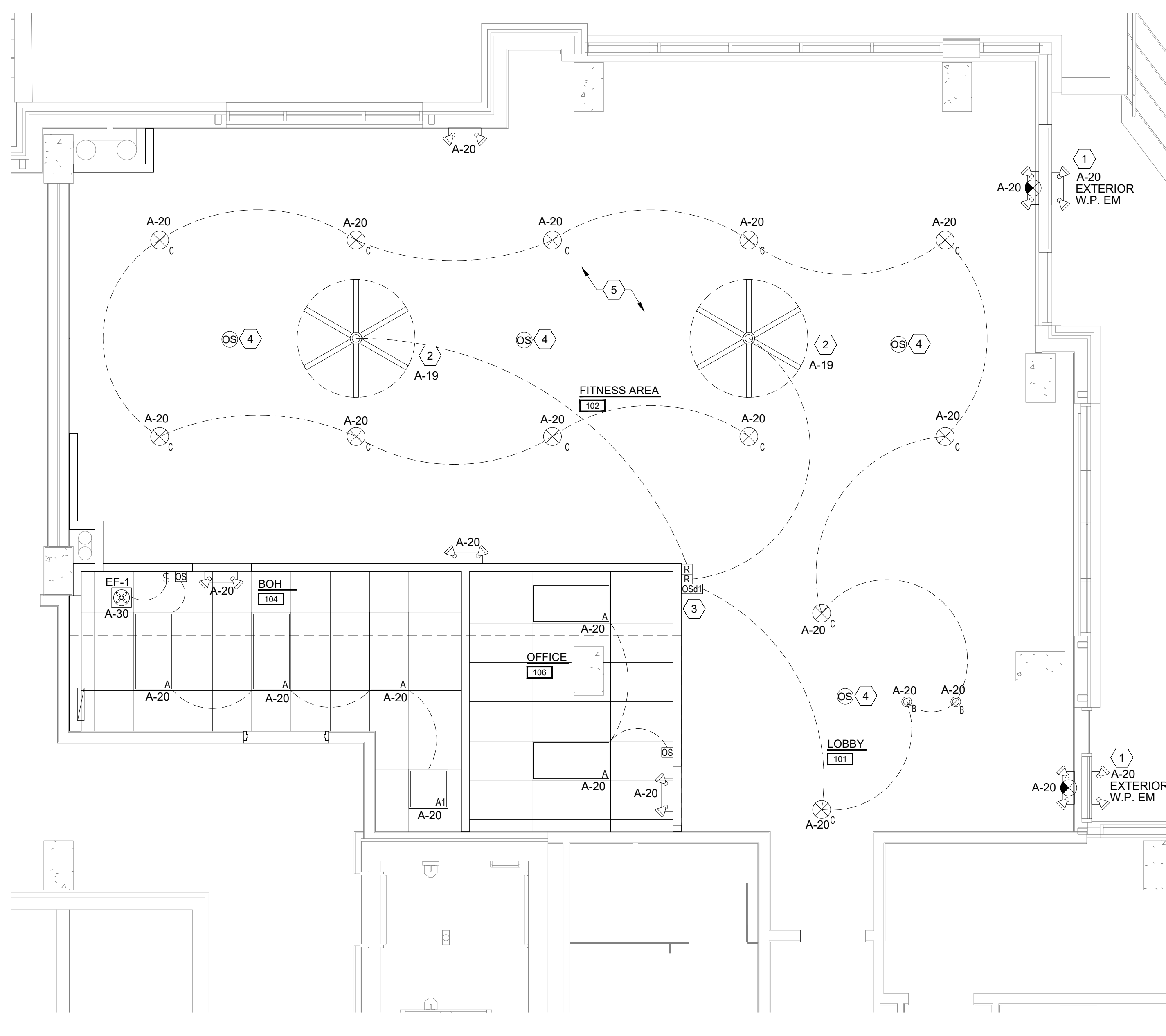
SEE SHEET E-200 FOR LIGHTING SPECIFICATIONS

**LIGHTING PLAN KEYNOTES**

1. REMOVE WEATHER-PROOF EMERGENCY FIXTURES MOUNTED ABOVE DOOR ON EXTERIOR. CIRCUIT FROM EXIT SIGN WITH 90 MIN BATTERY. CONFIRM WHAT IS EXISTING
2. CONFIRM FINAL FAN SELECTION WITH OWNER AND COORDINATE WITH MANUFACTURER FOR EXACT ELECTRICAL REQUIREMENTS BEFORE PURCHASING AND INSTALLING CIRCUIT BREAKER, WIRING AND CONDUIT. COORDINATE WITH MANUFACTURER AND OWNER REGARDING CONTROLS AND LOCATION OF CONTROLS
3. INSTALL 3-GANG SWITCH BOX AS CLOSE TO FLOORING TRANSITION AS POSSIBLE ON LOBBY SIDE
4. PROVIDE CEILING MOUNTED DUAL TECHNOLOGY (PASSIVE INFARED AND ULTRASONIC) OCCUPANCY SENSOR SET TO 30 MIN DELAY. SENSOR SHALL CONTROL LIGHTS
5. ROUTE LIGHTING CIRCUITS THRU TIMECLOCK, TYP



**1 POWER PLAN**  
 E-100 SCALE: 1/4"=1'-0"



**2 LIGHTING PLAN**  
 E-100 SCALE: 1/4"=1'-0"

\*\*GC TO COORDINATE BUILD-OUT WITH BRAND STANDARDS AND MILLWORK SHOP DRAWINGS. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PM\*\*

Proj. Mgr.  
KB  
 Job. Cap.  
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 Rev'd by  
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**PROFESSIONAL ENGINEER**  
 BRAYAN G. WISLER  
 41389  
 COLORADO REGISTERED

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Revisions

No.	Description

**ALLOY**

**357 S BANNOCK ST SUITE R104**  
 DENVER, CO 80223

**BARR ARCHITECTURE, INC.**  
*The Design-Build Team*  
 architects • general contractors

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 architecture • construction management • planning • interiors

Sheet Title:  
**POWER PLAN & LIGHTING PLAN**

Scale: NOTED

Date: 11.04.24  
 Project No. 24-1909

Sheet No.  
**E-100**

# ELECTRICAL SPECIFICATIONS

- 1.1 WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE RULES, REGULATIONS AND ORDINANCES.
- 2.1 PROVIDE PROPER GROUNDING FOR ALL EQUIPMENT, RACEWAYS, ETC.
- 3.1 ALL DISCONNECTS, FIXTURES AND OTHER ELECTRICAL COMPONENTS SUBJECT TO THE WEATHER MUST HAVE WEATHERPROOF ENCLOSURES.
- 4.1 ALL ROUGH-IN LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR DETERMINING PROPER LOCATION.
- 5.1 PROVIDE DISCONNECTS, FUSES, OVER CURRENT PROTECTION, CONTROL AND POWER WIRING, CHORDS AND PLUGS TO ALL EQUIPMENT INCLUDED AS PART OF THIS PROJECT, IF REQUIRED FOR PROPER OPERATION BUT NOT PROVIDED BY THE EQUIPMENT MANUFACTURER. EQUIPMENT SHALL INCLUDE ALL HVAC, EXHAUST FANS, HOODS, KITCHEN EQUIPMENT, MEDICAL EQUIPMENT AND ANY SPECIAL EQUIPMENT SHOWN AS A PART OF THE PROJECT.
- 6.1 CONDUCTORS:
  - a. USE THW OR THWN #12 MINIMUM, 75° RATING.
  - b. FOR HOME RUNS OVER 65 FEET, USE ONE SIZE LARGER WIRE.
  - c. FOR HOME RUNS OVER 115 FEET, USE TWO SIZES LARGER WIRE.
  - d. ALUMINUM CONDUCTORS ARE NOT ALLOWED.
- 7.1 CONDUIT:
  - a. USE RIGID OR EMT AS ALLOWED BY CODE.
  - b. ALL CONDUITS EXPOSED TO THE ELEMENTS OR BURIED UNDERGROUND SHALL BE WRAPPED WITH SCOTCH 51 TAPE OR EQUAL.
  - c. MC TYPE PREWIRED FLEXIBLE CABLE SHALL BE PERMITTED IN ALL WALLS AND CEILINGS AS PERMITTED BY CODE AND LOCAL BUILDING OFFICIALS.
- 8.1 OVER CURRENT PROTECTION:
  - a. CIRCUIT BREAKERS THAT ARE TO BE USED TO PROTECT LIGHTING CIRCUITS ARE TO BE RATED FOR SWITCHING DUTY.
  - b. PROVIDE LOCK-ON DEVICES FOR NIGHT LIGHT, EMERGENCY AND EXIT LIGHT CIRCUITS.
  - c. ALL RECEPTACLES AND FIXED EQUIPMENT WITHIN AREA OF WET LOCATION NEED GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION

## COMcheck Software Version COMcheckWeb Interior Lighting Compliance Certificate

### Project Information

Energy Code: 2021 IECC  
Project Title: ALLOY DENVER  
Project Type: Alteration

Construction Site: 357 S BANNOCK ST SUITE R104 DENVER, Colorado 80223  
Owner/Agent: Designer/Contractor:

### Allowed Interior Lighting Power

A Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts
1-PERSONAL TRAINING (Gymnasium/Fitness Center: Exercise Area)	2000	0.90	1800
Total Allowed Watts =			1800

### Proposed Interior Lighting Power

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Watt. (C X D)	E (C X D)
PERSONAL TRAINING (Gymnasium/Fitness Center: Exercise Area, 2000 sq.ft.)				
LED: A: 2X4 LED PANEL: LED Panel 40W:	2	6	40	240
LED: B: RECEPTION PENDANT: LED MR 3.2W:	1	2	4	7
LED: C: LED LOW BAY PENDANT: Other:	1	12	45	540
Total Proposed Watts =			787	

### Interior Lighting PASSES

### Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project 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 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Brian Wieseler - Engineer  
Name - Title Signature Date 11/4/24

Project Title: ALLOY DENVER Report date: 11/02/24  
Data filename: Page 1 of 5

PANEL A(EXTG)										COMMENTS:											
PROJECT: ALLOY DENVER										VOLTAGE L-L (V): 208											
JOB NO.:										VOLTAGE L-N (V): 120											
PANEL LOCATION: SEE PLAN										TYPE: 3 PHASE 4 WIRE											
MINIMUM BUS CAPACITY (A): 250										SHORT CIRCUIT RATING (A): 10KAIC											
MAIN BREAKER OR MLO (A): MLO										MOUNTING / ENCLOSURE: RECESSED											
DESIGN CAPACITY (A): 250																					
CB AMPS	POLE	WIRE SIZE	LIGHTING (VA)	RCPT (VA)	ML/ME/A/S (VA)	DESCRIPTION	CKT NO.	PHASE	CKT NO.	DESCRIPTION	ML/ME/A/S (VA)	RCPT (VA)	LIGHTING (VA)	WIRE SIZE	POLE	CB AMPS					
20	1	12		540		RECEPTION RECEPTACLES	1	A	2	SIGNAGE				12	1	20					
20	1	12		720		RECEPTION RECEPTACLES	3	B	4	BEVERAGE COOLER	A 1000			12	1	20					
20	1	12		720		OFFICE RECEPTACLES	5	C	6	WASHER	A 1000			12	1	20					
20	1	12		360		OFFICE RECEPTACLES	7	A	8	DRYER	A 2000			10	2	30					
20	2	12			E 1000	WATER HEATER	9	B	10		A 2000			10	-	-					
-	-	12			E 1000		11	C	12	TMB		500		12	1	20					
20	1	12		540		BOH RECEPTACLES	13	A	14	TIME CLOCK		500		12	1	20					
20	1	12			A 1000	DRINKING FOUNTAIN	15	B	16	FITNESS AREA RECEPTACLES		720		12	1	20					
20	1	12		540		SPEAKERS/TV	17	C	18	FITNESS AREA RECEPTACLES		540		12	1	20					
20	1	12			E 900	FANS	19	A	20	LIGHTING			900	12	1	20					
20	1	12		1600		SHOW WINDOW RECEPTACLE	21	B	22	SHOW WINDOW RECEPTACLE		1600		12	1	20					
20	1	12		1600		SHOW WINDOW RECEPTACLE	23	C	24	SHOW WINDOW RECEPTACLE		1600		12	1	20					
15	2	12			E 150	VRF-2's (4)	25	A	26	VRF-1's (2)	E 40			12	2	15					
-	-	12			E 150		27	B	28		E 40			12	-	-					
20	1	12		180		CU RECEPTACLE	29	C	30	EF-1	E 500			12	1	20					
20	1					SPARE	31	A	32	SPARE					1	20					
20	1					SPARE	33	B	34	SPARE					1	20					
20	1					SPARE	35	C	36	SPARE					1	20					
60	3	4			E 4083	CU-1	37	A	38	SPARE					1	20					
-	-	4			E 4083		39	B	40	SPARE					1	20					
-	-	4			E 4083		41	C	42	SPARE					1	20					
CONNECTED							D.F.			DEMAND			DEMAND LOAD (A) =			95					
LIGHTING LOAD:							900			1.25			1125			DEMAND VA PHASE A:			9878		
RECEPTACLE (FIRST 10 KVA)							10000			1.00			10000			DEMAND VA PHASE B:			12653		
RECEPTACLE (REMAINDER)							2760			0.50			1380			DEMAND VA PHASE C:			11603		
LARGEST MOTOR:							0			1.25			0			A = APPLIANCE					
REMAINING MOTORS:							0			1.00			0			M = MOTOR					
APPLIANCES:							7000			0.80			5600			LM = LARGEST MOTOR					
EQUIPMENT:							16029			1.00			16029			E = EQUIPMENT					
SUB FEED PANEL:							0			1.00			0			S = SUB FEED PANEL					
TOTAL:							36689						34134								
LOAD (AMPS):							101.8						94.7								
NOTES PROVIDE SIGNAGE SHOWING PANEL I.D., VOLTAGE AND PHASE																					
ALL MULTIWIRED BRANCH CIRCUITS SHALL BE PROVIDED WITH BREAKER TIES OR INSTALL 2-POLE OR 3-POLE BREAKERS PER NEC 210.4.																					
SUB-FEED LUGS, CIRCUIT BREAKERS SHALL BE FULLY RATED FOR THE AVAILABLE FAULT CURRENT.																					

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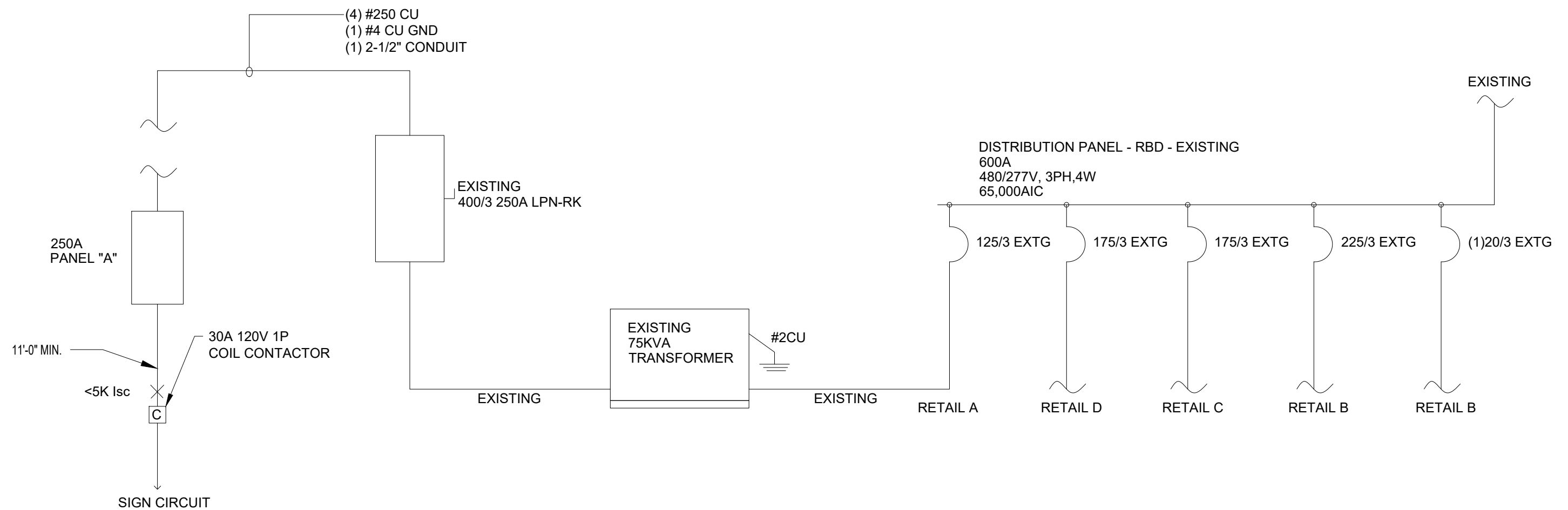
Revisions

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Partial One-Line Diagram

LIGHTING SCHEDULE							
SYMBOL	TYPES	MANUFACTURER & MODEL #	LAMPS	VOLTAGE	MOUNTING	DESCRIPTION	NOTES
○	A	ELED 2X4 PANEL MAXLITE MLFP24G44040 TYPE A1 - 2X2 PANEL (AS NEEDED)	LED 40W, 4000K	MVOLT	LAY-IN	-	RESTROOM, UTILITY ROOM
●	B	ELED ONE LIGHT PENDANT ELED-PD256BKRTL68M	LED 3.5W	120V	PENDANT	CONTRACTOR SHALL VERIFY CORD LENGTH, COLOR AND FINISH PRIOR TO ORDERING. BOT. OF LOWER FIXTURE +7'-0" AFF. BOT. OF HIGHER FIXTURE +7'-8" AFF.	RECEPTION DESK
⊗	C	ELED LOW BAY HD120HB381002CCTULBL LED WITH POLYCARBONATE REFRACTOR	LED 45W 1400LM 4-5K	MVOLT	PENDANT	CONTRACTOR SHALL VERIFY CORD LENGTH, COLOR AND FINISH PRIOR TO ORDERING. BOT. OF FIXTURE 10'-0" MIN. 12'-0" MAX. COORDINATE WITH BOTTOM OF DUCTWORK.	OPEN GYM AREA
⊗		CRAFTMADE, MONDO 72IN - MND72FB6, MATTE BLACK			FAN	BOTTOM OF FAN AT 12'-0" AFF CONTACT PM IF THIS CANNOT BE ACHIEVED	OPEN GYM AREA
↔		ELED #ELCEL-M2	5W	120V	WALL MOUNT	WALL MOUNTED EMERGENCY LIGHT FIXTURE, WHITE W/ EMERGENCY BATT. PACK (90 MIN.)	
⬆		ELED #EXCOM2RWRH	5W	120V	CEILING OR WALL MOUNT	EXISTING LED EXIT SIGN/EMERGENCY LIGHT OR MATCH EXISTING OR MATCH BUILDING STANDARD, WHITE	

Sheet Title:  
**ELECTRICAL SCHEDULES & ONE-LINE DIAGRAM**

Scale: NOTED

Date: 11.04.24

Project No: 24-1909

Sheet No: **E-200**