



# SPRINGER'S JEWELERS

## FREE STREET ENTRANCE & ELEVATOR RENOVATIONS

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### ABBREVIATIONS

<b>CMU</b>	CONCRETE MASONRY UNIT(S)
<b>GWB</b>	GYPSUM WALLBOARD
<b>HMF</b>	HOLLOW METAL FRAME
<b>LLV</b>	LONG LEG VERTICAL
<b>LVL</b>	LAMINATED VENEER LUMBER
<b>MAX</b>	MAXIMUM
<b>MIN</b>	MINIMUM
<b>NIC</b>	NOT IN CONTRACT
<b>PT</b>	PRESSURE TREATED
<b>T&amp;G</b>	TONGUE & GROOVE
<b>UNO</b>	UNLESS NOTED OTHERWISE
<b>VIF</b>	VERIFY IN FIELD

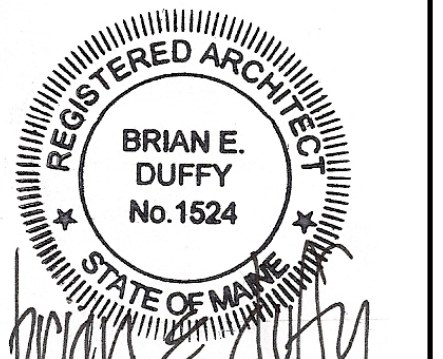
### SPECIFICATIONS

<b>ALLOWANCE No. 1</b>	ELECTRICAL CONTRACTOR TO INCLUDE \$500.00 ALLOWANCE FOR LIGHT FIXTURES IN LOBBY 01, LOBBY 02 & LOBBY 03
<b>ALTERNATE No. 1:</b>	IN LIEU OF ANODIZED FINISH FOR ALUMINUM STOREFRONT, ENTRANCE DOOR, ALUMINUM WINDOWS & PREFINISHED ALUMINUM FLASHING, PROVIDE SATIN BLACK BAKED ENAMEL FINISH
<b>ALUMINUM STOREFRONT:</b>	KAWNEER THERMALLY BROKEN 2" x 4 1/2" ALUMINUM TUBE WITH BLACK ANODOZIED FINISH
<b>ALUMINUM WINDOW:</b>	THERMALLY BROKEN WITH BLACK ANODIZED FINISH; MATCH EXISTING WINDOW PROFILES TO GREATEST EXTENT POSSIBLE
<b>GLAZING TYPE 1:</b>	TEMPERED 1" CLEAR INSULATED GLASS
<b>GWB FINISH:</b>	PROVIDE LEVEL FOUR FINISHING OF GWB, WITH 1 PRIMER AND 2 FINISH COATS OF PAINT
<b>HILTI THREADED ROD:</b>	3/4" Ø HILTI HAS-E THREADED ROD WITH SCREEN TUBE, HIT-HY 20 ADHESIVE, 8" EMBEDMENT
<b>FIRE RESISTANT GWB:</b>	5/8" TYPE X FC GYPSUM WALLBOARD
<b>MIRROR</b>	FRAMELESS 24" x 36"; MOUNT BOTTOM AT ≤ 3'-4" AFF
<b>P-1 TOILET:</b>	KOHLER K-3810 SANTA ROSA COMPACT ELONGATED TOILET WITH TOILET SEAT, COVER & LEFT-HAND TRIP LEVER
<b>P-2 LAVATORY</b>	KOHLER K-1999 BRENHAM WALL-MOUNT LAVATORY WITH SHROUD & 8" CENTER-SET LESS SOAP DISPENSER HOLE; KOHLER CORALAIS WIDESPREAD LAVATORY FAUCET WITH LEVER HANDLES
<b>PREFINISHED ALUMINUM FLASHING:</b>	20 GAUGE MINIMUM; FINISH TO MATCH THAT OF WINDOWS
<b>SUSPENDED ACOUSTIC TILE:</b>	REPLACE EXISTING CEILING GRID & TILE WITH ARMSTRONG CIRRUS REGULAR 2X2 TILES WITH STANDARD 15/16" GRID

### GENERAL NOTES

<b>DRAWING NOTES:</b>	UNLESS INDICATED OR OBVIOUS OTHERWISE, OR INDICATED AS "NIC," ALL DRAWING NOTES REFER TO NEW CONSTRUCTION, TO BE INCLUDED IN CONTRACT
<b>DIMENSIONS:</b>	DIMENSIONS ARE TO FACE OF NEW STUD FRAMING, AND TO FINISH FACE OF EXISTING CONSTRUCTION, UNLESS INDICATED OTHERWISE
<b>LAYOUTS:</b>	DO NOT START LAYOUTS WITH DIMENSIONS INDICATED AS "+/-"
<b>WOOD @ CONCRETE:</b>	PROVIDE PRESSURE TREATED WOOD WHERE WOOD IS IN CONTACT WITH CONCRETE, MASONRY OR STONE
<b>ALUMINUM @ CONCRETE:</b>	ISOLATE ALUMINUM FROM CONTACT WITH CONCRETE
<b>RATED CONSTRUCTION:</b>	COMPLETELY SEGREGATE SPACES, CHASES & SHAFTS ENCLOSED BY RATED CONSTRUCTION & MAINTAIN CONTINUITY OF SPECIFIED RATING, INCLUDING AT FLOOR/CEILING ASSEMBLIES
<b>ROUGH OPENINGS FOR FUTURE:</b>	WHERE ROUGH OPENINGS FOR FUTURE INSTALLATION OF DOORS ARE INDICATED, INFILL SUCH OPENINGS IN ACCORDANCE WITH INDICATED PARTITION TYPES, INCLUDING REMOVABLE FRAMING
<b>UTILITIES CHASE:</b>	2-HOUR RATED CHASE FOR GAS, ELECTRICAL, SPRINKLER & REFRIGERANT LINES
<b>FLOOR ELEVATIONS:</b>	ALL VERTICAL FLOOR & SLAB ELEVATIONS ARE APPROXIMATE

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RENOVATIONS TO:  
**SPRINGER'S  
JEWELERS**  
580 CONGRESS STREET  
PORTLAND, MAINE

date: APRIL 27, 2012

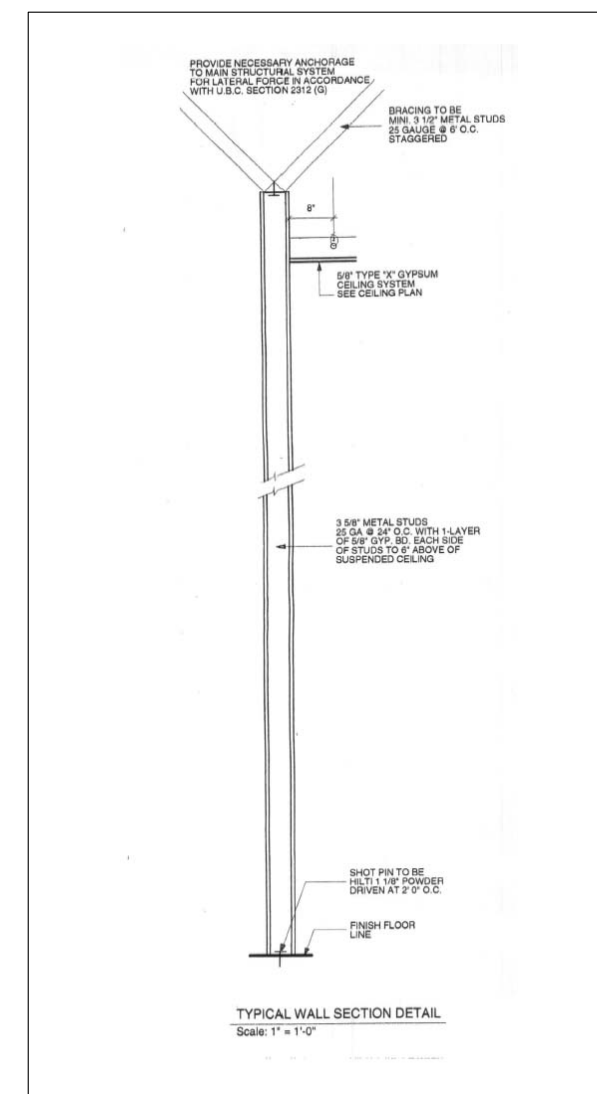
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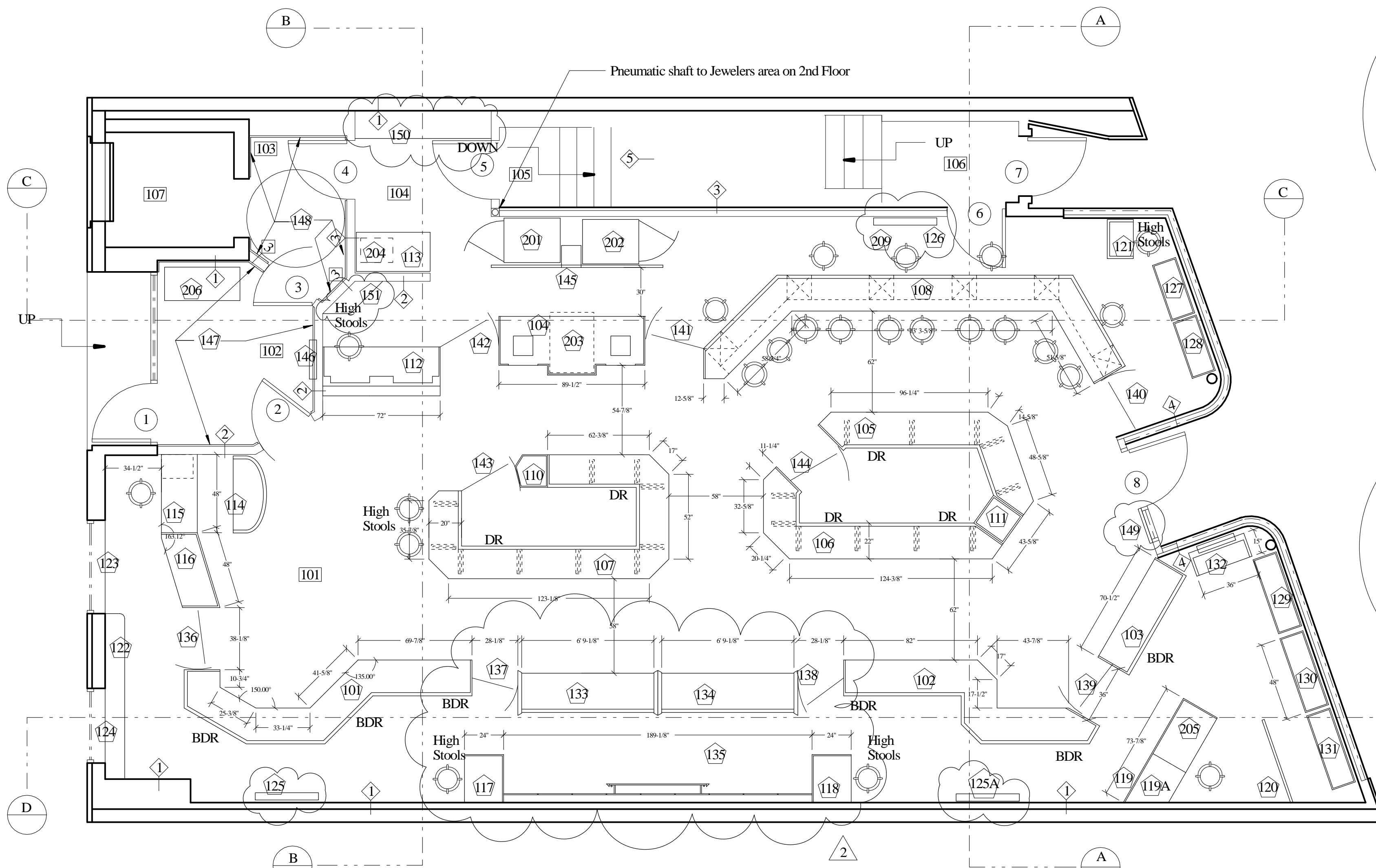
Door Schedule				
Door #	Description	Frame	S & I	Notes
1	36 x 84 Narrow Style Glass Door in Kawneer or equal Frame. Glass to be 1" w/5/16" Riot Glass over 1/4" Tempered and an Low E layer between		Glazing Contractor	Door should be supplied w/pivot hinges, a concealed overhead closer that will hold open at 90 degrees +/- . The dead bolt will be prep'd for a Best interchangeable core
2	36 x 84 Narrow Style Glass Door in Kawneer or equal Frame. Glass to be 1" w/5/16" Riot Glass over 1/4" Tempered and an Low E layer between		Glazing Contractor	Door should be supplied w/pivot hinges, a concealed overhead closer that will hold open at 90 degrees +/- . The dead bolt will be prep'd for a Best interchangeable core
3	36 x 84 x 1/3/4 Solid Core Wood Door in Metal Frame. Interior should have a panic bar and on the exterior should be a Key way made to accept a Best IC Core. Door will be clad on both sides w/Birds Eye Maple Veneer (by Millwork Contractor)	Metal	Drywall Contractor	Door to be equip'd w/closer, door stops, silencers, vision panel. This door should have a 2 hr. Rating
4	36 x 84 x 1/3/4 Solid Core Wood Door in Metal Frame. Interior should have a panic bar and on the exterior should be a Key way made to accept a Best IC Core. Door will be clad on both sides w/Birds Eye Maple Veneer (by Millwork Contractor)	Metal	Drywall Contractor	Door to be equip'd w/closer, door stops, silencers, vision panel. This door should have a 2 hr. Rating
5	36 x 84 x 1/3/4 Solid Core Wood Door in Metal Frame. Door will be clad on one (1) side w/Birds Eye Maple Veneer (by Millwork Contractor)	Metal	Drywall Contractor	Door to be equip'd w/closer, door stops, silencers, vision panel. This door should have a 2 hr. Rating
6	36 x 84 x 1/3/4 Solid Core Wood Door in Metal Frame. Door will be clad on both sides w/Birds Eye Maple Veneer (by Millwork Contractor)	Metal	Drywall Contractor	Door to be equip'd w/closer, door stops, silencers, vision panel. This door will require secure hardware (TBD)
7	Existing to remain			
8	Existing to remain			



- ① Existing wall to be furred out w/2 1/2" x 24 Ga. Metal Studs 16" O.C. and than 5/8" Type "X" Fire Code Drywall
- ② New 3-5/8" x 20 Ga Metal Stud Partition Studs to be 16" OC clad each side w/1 Layer 5/8" Type X FC Drywall
- ③ New 3-5/8" x 16 Ga Metal Stud Partition Studs to be 16" OC clad each side w/2 Layer 5/8" Type X FC Drywall
- ④ Furr out existing S/F Wall w/ 2-5/8" x 24 Ga Metal Stud Studs to be 16" OC clad exposed face w/1 Layer 5/8" Type X FC Drywall. Install R-11 insulation prior to closing wall
- ⑤ Clad underside of the existing stairwell to the basement w/2 Layer 5/8" Type X Fire Code Drywall

FINISH SCHEDULE:					
Room #	Description	Walls	Floor	Base	Ceiling
101	Sales Area	P/WP1	C1	C2	P1
102	ENTERANCE VESTIBULE (FREE ST)	WD1/P1	T1	C2	P1
103	ELEVATOR VESTIBULE	WD1/P1	T1	C2	P1
104	WRAP AREA	P1	C1	C2	ACT-1
105	STAIRS TO BASEMENT	P1	C1	C2	P1
106	STAIRS TO 2ND FLOOR	P (ME)	ETR	ETR	P (ME)
107	ELEVATOR	NIC	NIC	NIC	NIC

Legend:  
 ACT = Acoustical Ceiling Tiles  
 C = Carpet  
 CP = Concrete Paint  
 CT = Ceramic Tile  
 ETR = Existing to Remain  
 NF = No Finish  
 P = Paint  
 E = Eggshell F = Flat SG = Semi Gloss G = Gloss  
 P (ME) = Paint to match existing  
 PL = Plastic Laminate  
 PWB = Painted Wood Base  
 T1 = Granite 12 x 12 x 3/8 tiles  
 VB = Vinyl Base  
 WD = Wood Veneer  
 WF = Wood Finish  
 WP = Wall Paper



# FIXTURE PLAN

Millwork Schedule			
Fixture #	Description	Supplied By:	Installed By:
101 - 103	22" Stand Up Showcases	Millwork Contractor	Millwork Contractor
104	Watch/Jewelry Repair Counter w/safe 203 & Coastal Glass Distributors "RAIN" Glass surround	Millwork Contractor	Millwork Contractor
105 - 107	20" Stand Up Showcase on 1/2" tempered glass legs	Millwork Contractor	Millwork Contractor
108	22" Sitdown Showcase	Millwork Contractor	Millwork Contractor
110 - 111	Museum Showcases	Millwork Contractor	Millwork Contractor
112	Cash & Service Counter (Fax, printer, layaway drs, letter size file drs)	Millwork Contractor	Millwork Contractor
113	Wrap Ctr w/Refrigerator (204) Below	Millwork Contractor	Millwork Contractor
114	Seating Bench w/Privacy Panel to 48" & then add 18" of Coastal Glass Distributors "RAIN" Glass	Millwork Contractor	Millwork Contractor
115	Buying Desk	Millwork Contractor	Millwork Contractor
116	16" Materials Testing Counter w/Coastal Glass Distributors "RAIN" Glass surround	Millwork Contractor	Millwork Contractor
117 & 118	Work Desks (use whigh Stool)	Millwork Contractor	Millwork Contractor
119	Watch Makers bench (205) w/surround to 42" and then 12" of Coastal Glass Distributors "RAIN" Glass.	Millwork Contractor	Millwork Contractor
119A	Storage Unit		
120	Storage Unit	Millwork Contractor	Millwork Contractor
121	Moveable Work Desk (use whigh Stool)	Millwork Contractor	Millwork Contractor
122	Ledge w/Storage Below	Millwork Contractor	Millwork Contractor
123 - 124	Hinged Doors to back of window (Birds Eye Maple)	Millwork Contractor	Millwork Contractor
125 - 125A	Accent Wall w/LED Transparency w/Frame	Millwork Contractor	Millwork Contractor
126	Accent Wall w/TV in frame	Millwork Contractor	Millwork Contractor
127 - 128	Free Standing Window Displays (full height)	Millwork Contractor	Millwork Contractor
129-131	Free Standing Window Displays (Storage below height)	Millwork Contractor	Millwork Contractor
132	LED Transparency facing out & work desk behind on casters	Millwork Contractor	Millwork Contractor
133 - 135	Rolex Designed Shop in Shop	Rolex Approved Millwork Contractor	Rolex Approved Millwork Contractor
136 - 144	Millwork Gates	Millwork Contractor	Millwork Contractor
145	Millwork Accent Wall to Hide Safes & Pull out for ultra sonic (opening must be 12w x 10d x 16h)	Millwork Contractor	Millwork Contractor
146	LED Transparency	Millwork Contractor	Millwork Contractor
147 & 148	Birds Eye Chair Rail	Millwork Contractor	Millwork Contractor
149	Mirror in Birds Eye Frame w/digital screen on back side - unit to be hinged	Millwork Contractor	Millwork Contractor
150	Storage Unit	Millwork Contractor	Millwork Contractor
151	Garbage Unit	Millwork Contractor	Millwork Contractor
Owner Supplied Items (200)			
201 & 202	Stools/Chairs	Owner	Owner
203	Safes	Owner	Owner
204	Under Counter Safe	Owner	Owner
205	Under Counter Refrigerator	Owner	Owner
206	Watchmakers Bench	Owner	Owner
209	Table	Owner	Owner
209	TV	Owner	Owner

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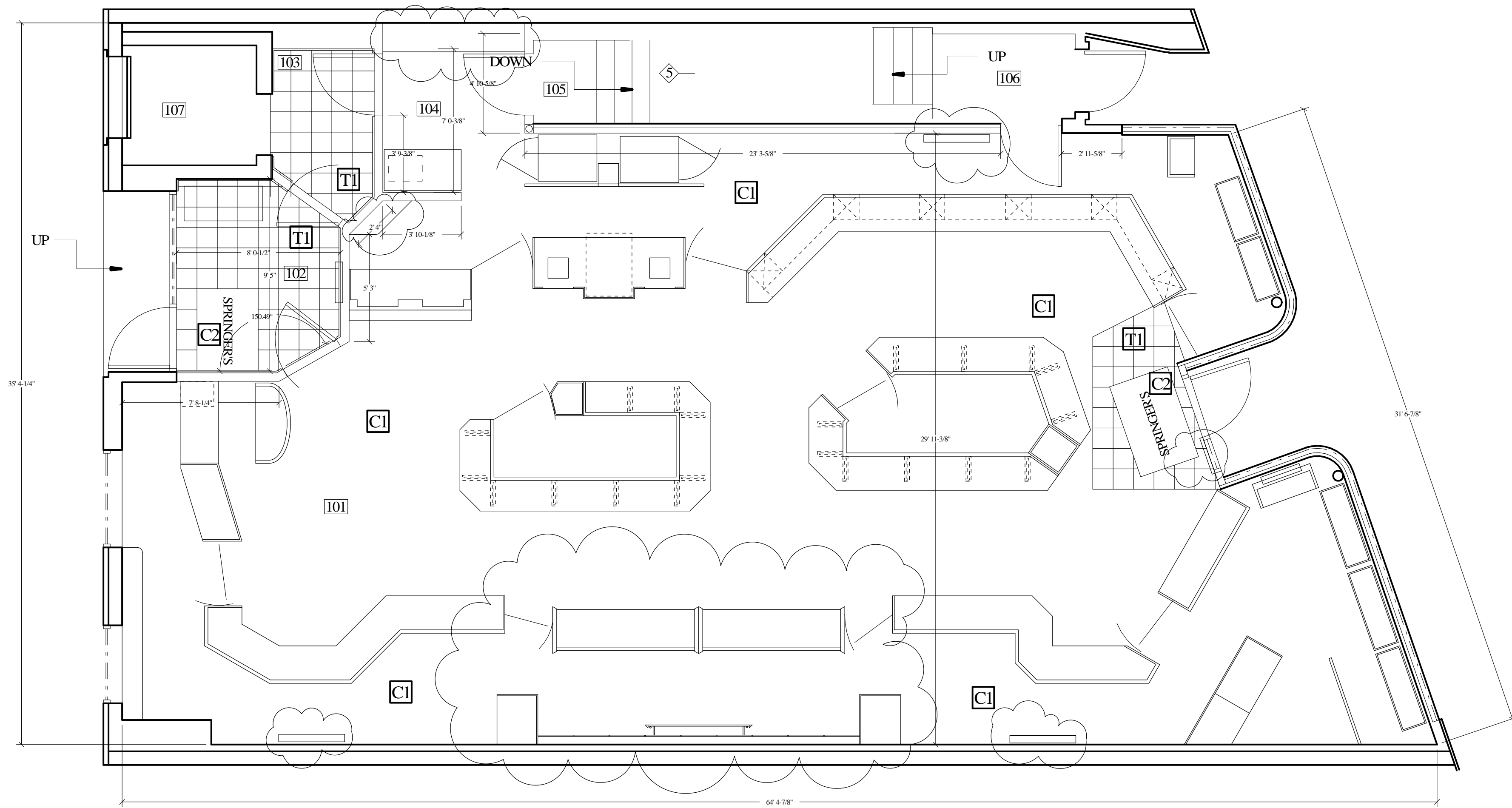
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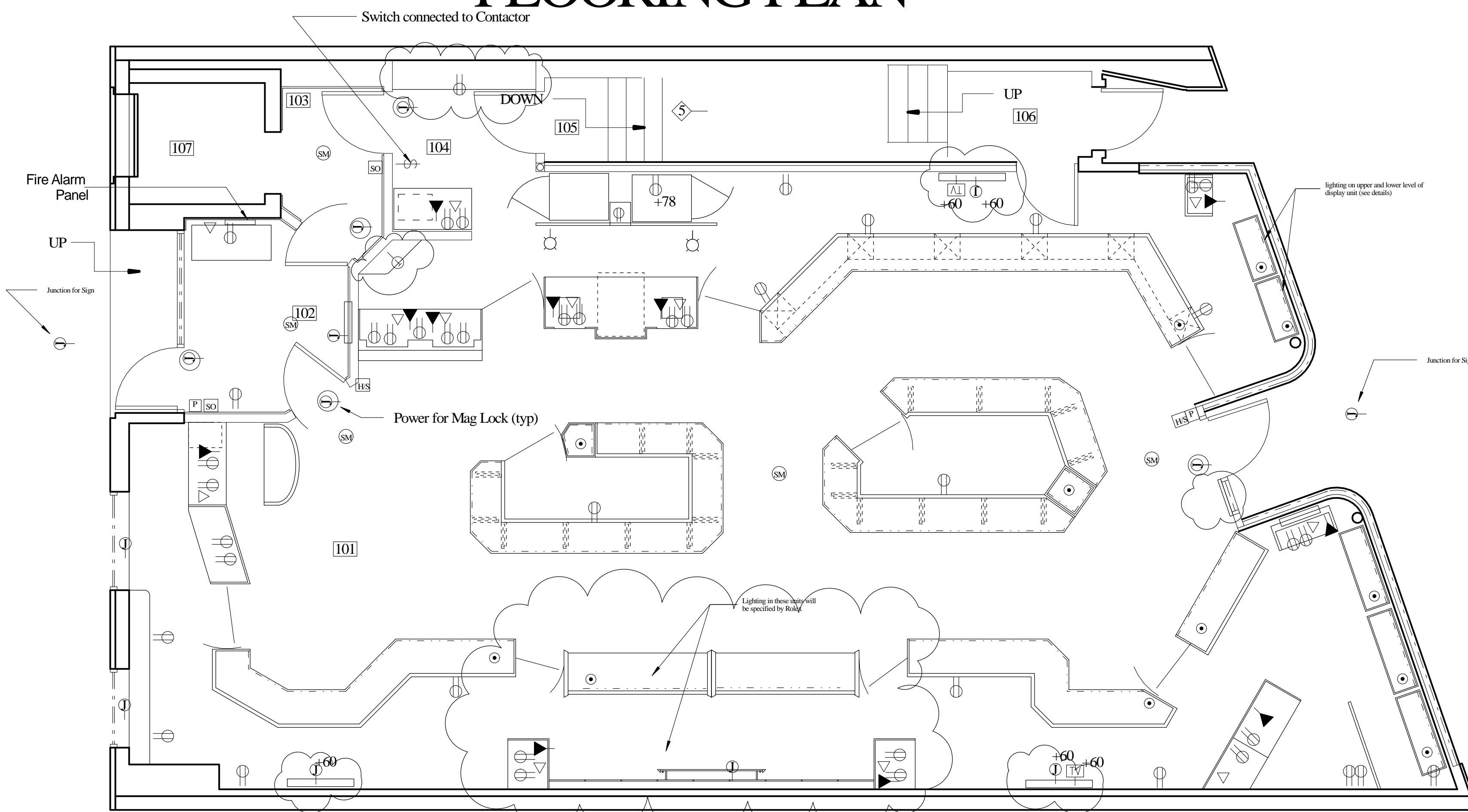
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# FLOORING PLAN

FINISH SCHEDULE:					
Room #	Description	Walls	Floor	Base	Ceiling
101	Sales Area	PI/WP	CI	C2	PI
102	ENTRANCE VESTIBULE (FREE ST)	WD/PI	TI	C2	PI
103	ELEVATOR VESTIBULE	WD/PI	TI	C2	PI
104	WRAP AREA	PI	CI	C2	ACT-1
105	STAIRS TO BASEMENT	PI	CI	C2	PI
106	STAIRS TO 2ND FLOOR	P(ME)	ETR	ETR	P(ME)
107	ELEVATOR	NIC	NIC	NIC	NIC

Legend:  
 ACT = Acoustical Ceiling Tiles  
 C = Carpet  
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 P = Paint; E = Eggshell F = Flat SG = Semi Gloss G = Gloss  
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 PL = Plastic Laminate  
 PWB = Painted Wood Base  
 TI = Granite 12 x 12 x 3/8 tiles  
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# POWER PLAN

- ① Existing wall to be furred out w/ 2-1/2" x 24 Ga. Metal Studs 16" O.C. and than 5/8" Type "X" Fire Code Drywall
- ② New 3-5/8" x 20 Ga Metal Stud Partition Studs to be 16" O.C clad each side w/ 1 Layer 5/8" Type X FC Drywall
- ③ New 3-5/8" x 16 Ga Metal Stud Partition Studs to be 16" O.C clad each side w/ 2 Layer 5/8" Type X FC Drywall
- ④ Furr out existing S/F Wall w/ 2-5/8" x 24 Ga Metal Stud Studs to be 16" O.C clad exposed face w/ 1 Layer 5/8" Type X FC Drywall. Install R-11 insulation prior to closing wall
- ⑤ Clad underside of the existing stairwell to the basement w/ 2 Layer 5/8" Type X Fire Code Drywall

## FIRE ALARM NOTES:

- SM Ceiling Mid Smoke Detector
- HS Horn/Strobe
- P Pull Station
- SO Strobe Only

All Fire Alarm Devices will be hardwired back to a central alarm panel that is to be Monitored by LLS Local Alarm Contractor.

Exact heights and locations of Fire Alarm Devices will be determined by the Local Fire Alarm Contractor and will adhere to all Fire Codes

## ELECTRICAL LEGEND

- HOMERUN TO PANEL AS NOTED. ARROWHEADS DENOTE THE NUMBER OF CIRCUITS. NUMBERS INDICATE CIRCUIT NUMBERS (NUMBERS IN BRACKETS DENOTE 2 OR 3 POLE CIRCUITS). HASHMARKS DENOTE THE NUMBER OF WIRES WHEN MORE THAN TWO #12 AWG, UNLESS OTHERWISE NOTED.
  - WIRING RUN IN WALLS OR ABOVE THE CEILING.
  - WIRING RUN BELOW THE FINISHED FLOOR.
  - LOW VOLTAGE WIRING.
  - CONDUIT TURNED UP, CONDUIT TURNED DOWN.
  - FLOURESCENT LIGHTING FIXTURES, CEILING MOUNTED. CAPITAL LETTER DENOTES TYPE LOWER CASE LETTERS INDICATES SWITCH CONTROL.
  - FLOURESCENT LIGHT MOUNTED IN SHOWCASE OR FOR BACKLIT SIGN LIGHT.
  - INCANDESCENT LIGHTING FIXTURE, CEILING MOUNTED. SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS AND THE EXACT LOCATION.
  - WALL MOUNTED EXIT LIGHT, SELF-CONTAINED BATTERY PACK.
  - EMERGENCY BATTERY UNIT.
  - REMOTE EMERGENCY LIGHT.
  - TOGGLE SWITCH, 20 AMP, 125 VOLT, SINGLE-POLE, MOUNTED 30" AFF.
  - THREE-WAY SWITCH.
  - 4-WAY OPERATED RECESSED GRILLE CONTROL SWITCH.
  - DUPLEX RECEPTACLE, GROUNDING TYPE, 20 AMP, 125 VOLT, MOUNTED 15" AFF OR AS NOTED.
  - DUPLEX RECEPTACLE WITH ISOLATED GROUND TERMINAL FOR CASH REGISTER.
  - DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER.
  - JUNCTION BOX (WALL, CEILING, FLOOR) MOUNTED.
  - TELEPHONE WALL OUTLET BOX WITH MODULAR JACK AND 1/2" CONDUIT STUBBED-UP ABOVE THE FINISH CEILING.
  - TELEPHONE FLOOR OUTLET MOUNTED ON CONDUIT STUB-UP.
  - MOTOR, NUMBER INDICATES HORSEPOWER (P=FRACATIONAL).
  - SAFETY DISCONNECT SWITCH (FUSED, UNFUSED).
  - LIGHTING PANEL.
  - REMOTE BALLAST IN DISPLAY CASE.
  - CEILING MOUNTED SPEAKER.
  - AMPLIFIER.
  - LOW VOLTAGE TRANSFORMER.
  - LOW VOLTAGE PUSHBUTTON.
  - LOW VOLTAGE BUZZER.
  - ABOVE FINISHED FLOOR.
  - LIGHTING PANEL.
  - CIRCUIT BREAKER.
  - CONDUIT.
  - WEATHERPROOF.
  - EMPTY CONDUIT.
  - HANDBRIGHT.
  - TIME CLOCK.
  - FIXTURE ON NIGHT LIGHT CIRCUIT.
  - Telephone
  - Data
  - Floor Outlet
- All outlets will be mounted @ 18" AFF unless a height is specified

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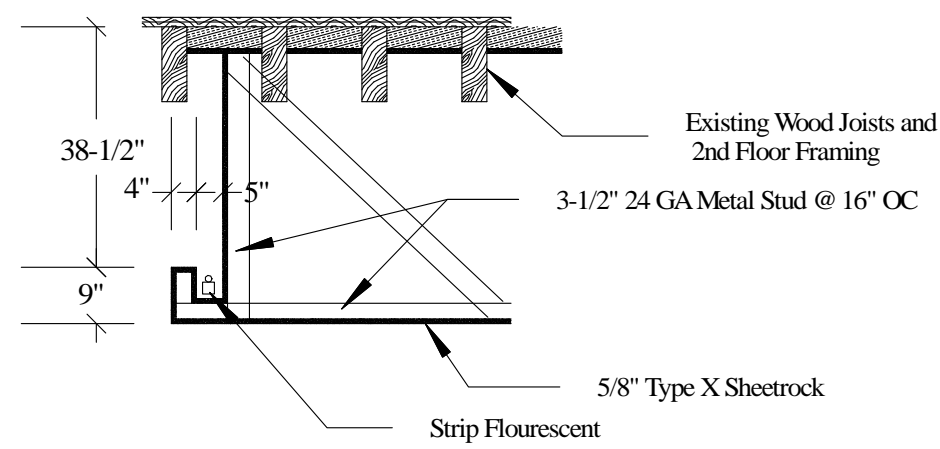
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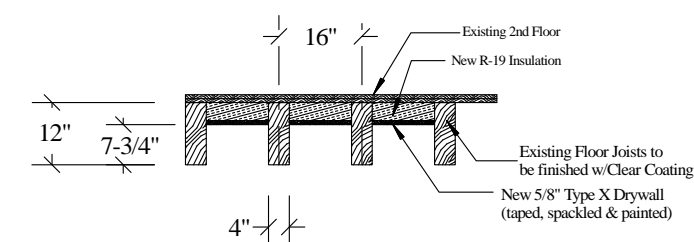
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**POWER PLAN**

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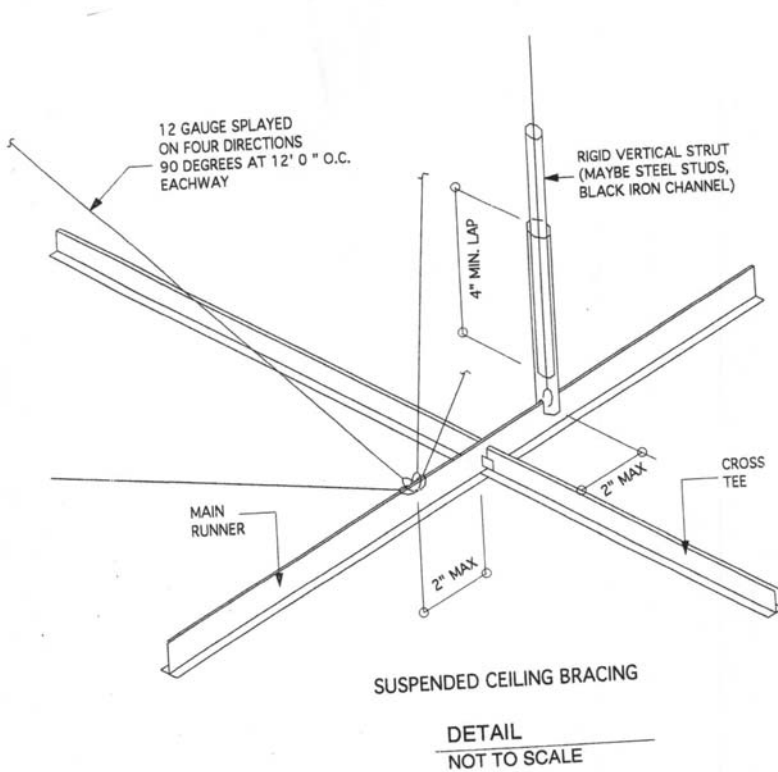
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Detail @ Light Cove 2 - 2



Detail @ existing Beams 1 - 1



DETAIL NOT TO SCALE

**Steel Frame Ceilings/Furring Channels or Studs**

**DESCRIPTION**  
There are three types of steel furring members for the screw attachment of gypsum wallboard ceilings.  
1. Furring Channels  
2. Resilient Furring Channels  
3. Steel Studs  
All three are suitable for fastening to the lower chord of steel joists or to carrying channels in suspended ceiling constructions. Furring Channels are secured with clips or tie wires. Resilient Furring Channels shall be secured with wire ties. Steel Studs shall be attached with tie wires as shown on page 93. Gold Bond® Gypsum Wallboard shall be applied using gypsum drywall screws spaced not greater than 12" o.c.

**SPECIFICATIONS**  
See CSI Metal Framing Specifications on page 90.

**DETAILS**  
SPLICE JOINT FOR STUDS  
4 PAN HEAD SCREWS EACH SIDE  
16" LENGTH OF TRACK  
FURRING CHANNEL SPLICE JOINT  
8" MIN.  
TIE WIRES  
1 1/2" CHANNELS 4" O.C. TO MAX.  
1 1/2" CHANNELS 4" O.C. TO MAX.  
SPACING BETWEEN STUDS 24" O.C.  
FURRING CHANNEL DETAILS

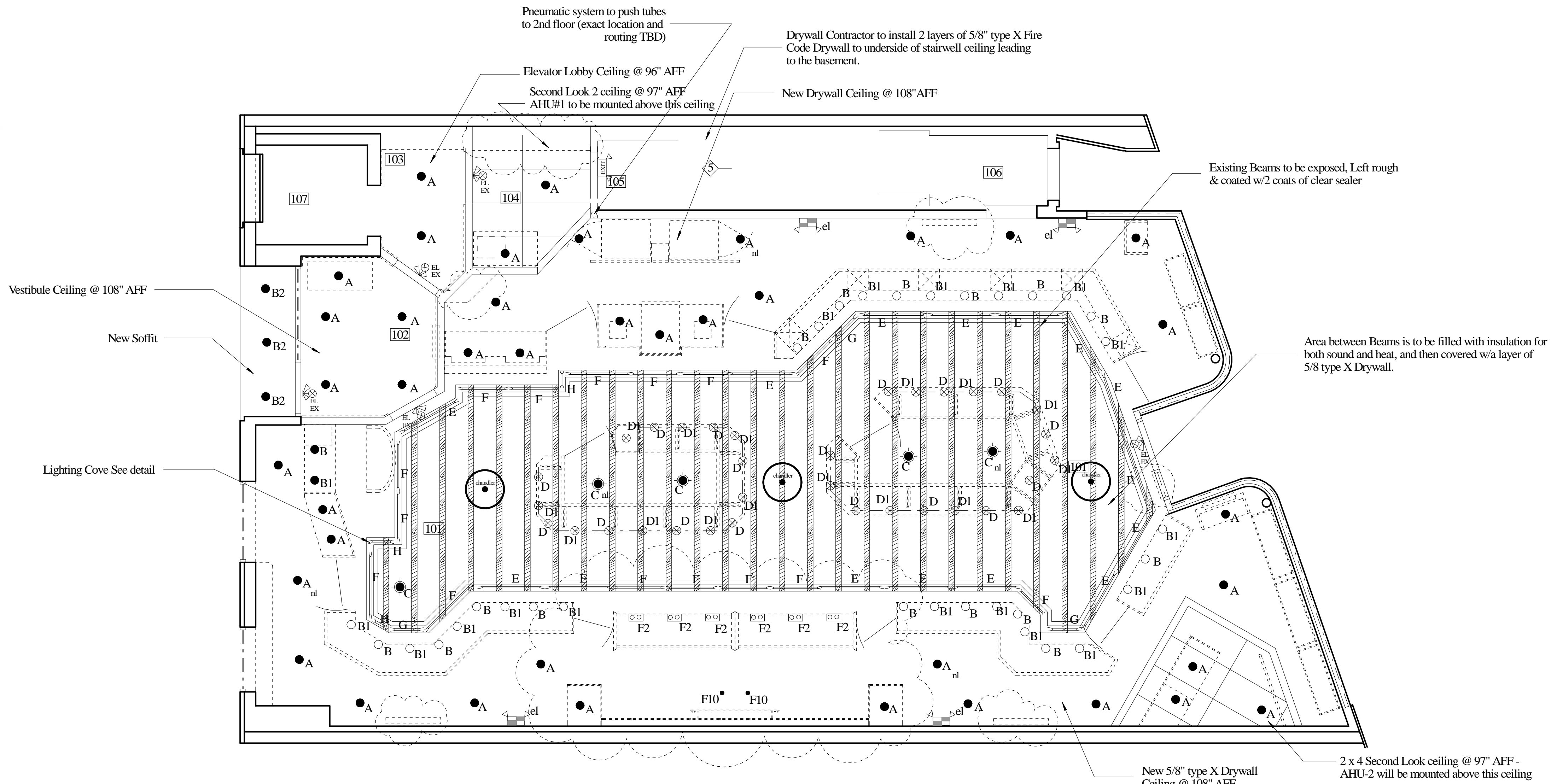
**RECOMMENDATIONS**  
These furring systems, when employed with normal steel joist construction and gypsum wallboard, constitute non-combustible construction and, in addition, fire resistance ratings are achieved as indicated on page 19.

**LIMITATIONS**  
Lighting and other fixtures shall be supported by framing do not use gypsum wallboard to support them. For large expanses of these ceiling systems with perimeter relief, control joints must be located a maximum of 50' o.c. in either direction without perimeter relief, 30' o.c. maximum in either direction.

**SUSPENDED**  
1. Install 1 1/2" channels 4' o.c. with No. 8 ga. hanger wire spaced a maximum of 4' o.c. along carrying channels. Attach Furring Channels spaced not more than 24" o.c. perpendicular to 1 1/2" C.R. Channels with double strand of saddle tied No. 16 ga. galvanized tie wire, or 1 1/2" Furring Channel Clips.  
2. Apply wallboard with its long dimension at right angles to the Furring Channels. Locate wallboard butt joints over the center of furring channels. Attach wallboard with 1" self-drilling drywall screws 12" o.c. in the field of the board 9" or 12" o.c. at butt joints, located not less than 3/8" or more than 1/2" from edges.

DRYWALL CEILING AND FRAMING DETAIL  
NOT TO SCALE

Lighting Schedule:				
TYPE	MFG	ORDER CODE	DESCRIPTION	QUAN
A	Indy Lighting	C6V-126/42T (Housing) w/C600-42-CL-WH (Trim) w/BB-28 28" C Channel Hanger bars F32TBX (32W CF 3500K)		
B	Indy Lighting	A6 (housing) w/P600-P38-CL-WH (Trim) w/BB-28 28" C Channel Hanger bars CMH123P38FL/ECO	23W SB MH Lamp	
B1	Indy Lighting	A6 (housing) w/P600-P38-CL-WH (Trim) w/BB-28 28" C Channel Hanger bars 60W HIR SP		
B2	Indy Lighting	A6 (housing) w/P600-P38-CL-WH (Trim) w/BB-28 28" C Channel Hanger bars LED par 30 2700K		
C	Spectrum Lighting	SPC0812CF-42-EX-8115SG-SM-MW F42TBX	1 x 42W 42W CF 3500K	
D1	Con-Tech Lighting	ODYSSEY Line Voltage Flexible Track System Heads: LIR2830 Finish S (Silver) Support from LIR879 S (Silver) Power feed: LIR 42788	50 Par 30 HIR SP	
D	Con-Tech Lighting	Same as above	?? - W Par 30 LED 3000K	
E	Cooper Lighting/Metalux	48" Double strip Staggered SML-2-54T5-UNV-EBT	F54T5 841 4100K	
F	Cooper Lighting/Metalux	36" Double strip Staggered SML-2-39T5-UNV-EBT	F39T5 841 4100K	
G	Cooper Lighting/Metalux	24" Double strip Staggered SML-2-24T5-UNV-EBT	F24T5 841 4100K	
H	Cooper Lighting/Metalux	24" Double strip SM-2-24T5-UNV-EBT	F24T5 841 4100K	
	Encore Lighting	6ELPQ27 2 Emergency Light		
EL EX	Encore Lighting	EX 16 RC Edge lit Exit/EM Comp RC		
	Rolex Supplied Lighting			
H	Sconce	TBD		
T	Lighting in cases 127 to 131	TBD	Supplied and installed by Millwork Contractor	
Chandler	TBD	TBE		
F2	Amerlux Lighting	AM6720 Cylindrix - 2 LT Trimless #Cylrtlx-2-20-mm-e-bt-120-cl-cl-sn (snoot)	2 Phillips CDM20/TM/830	
F10	Amerlux Lighting	Amerlux #E2.9RATL-20-MM-120-CL + E2.9RATL-SDC Trimless	Phillips CDM20/TM/830	



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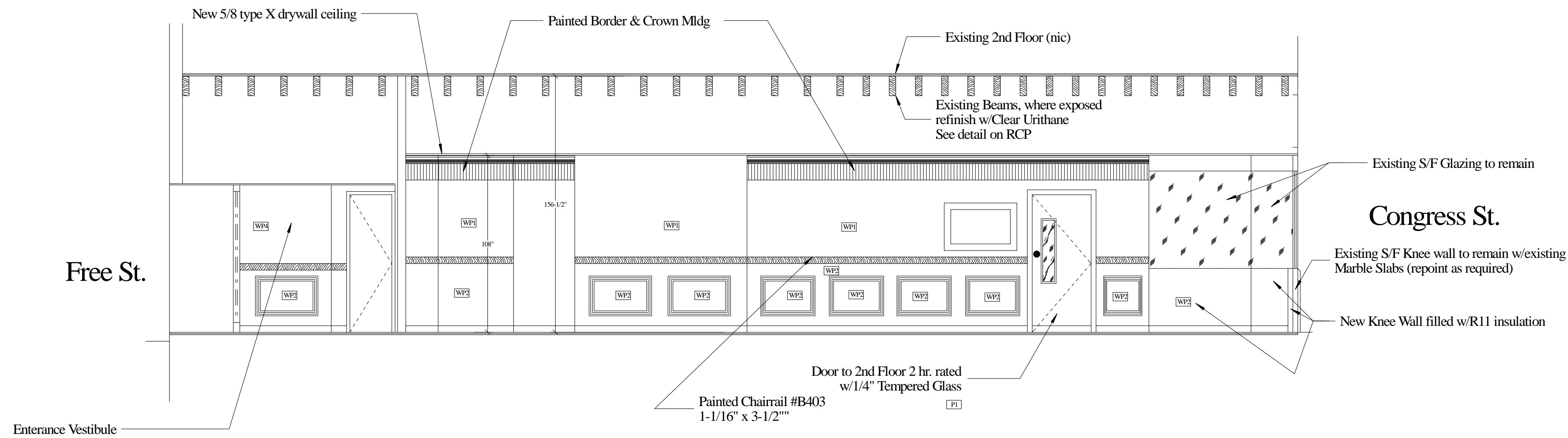
RENOVATIONS TO:  
**SPRINGER'S JEWELERS**  
580 CONGRESS STREET  
PORTLAND, MAINE

date: APRIL 27, 2012  
drawn by: RAD  
scale: 1/4" = 1' - 0"  
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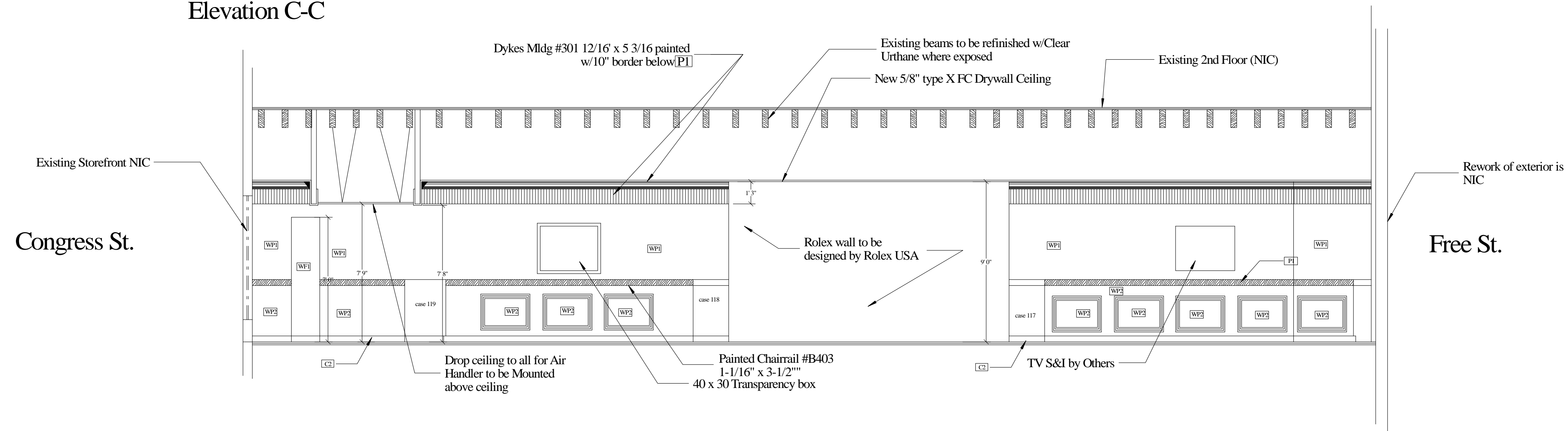
**REFLECTED CEILING PLAN**

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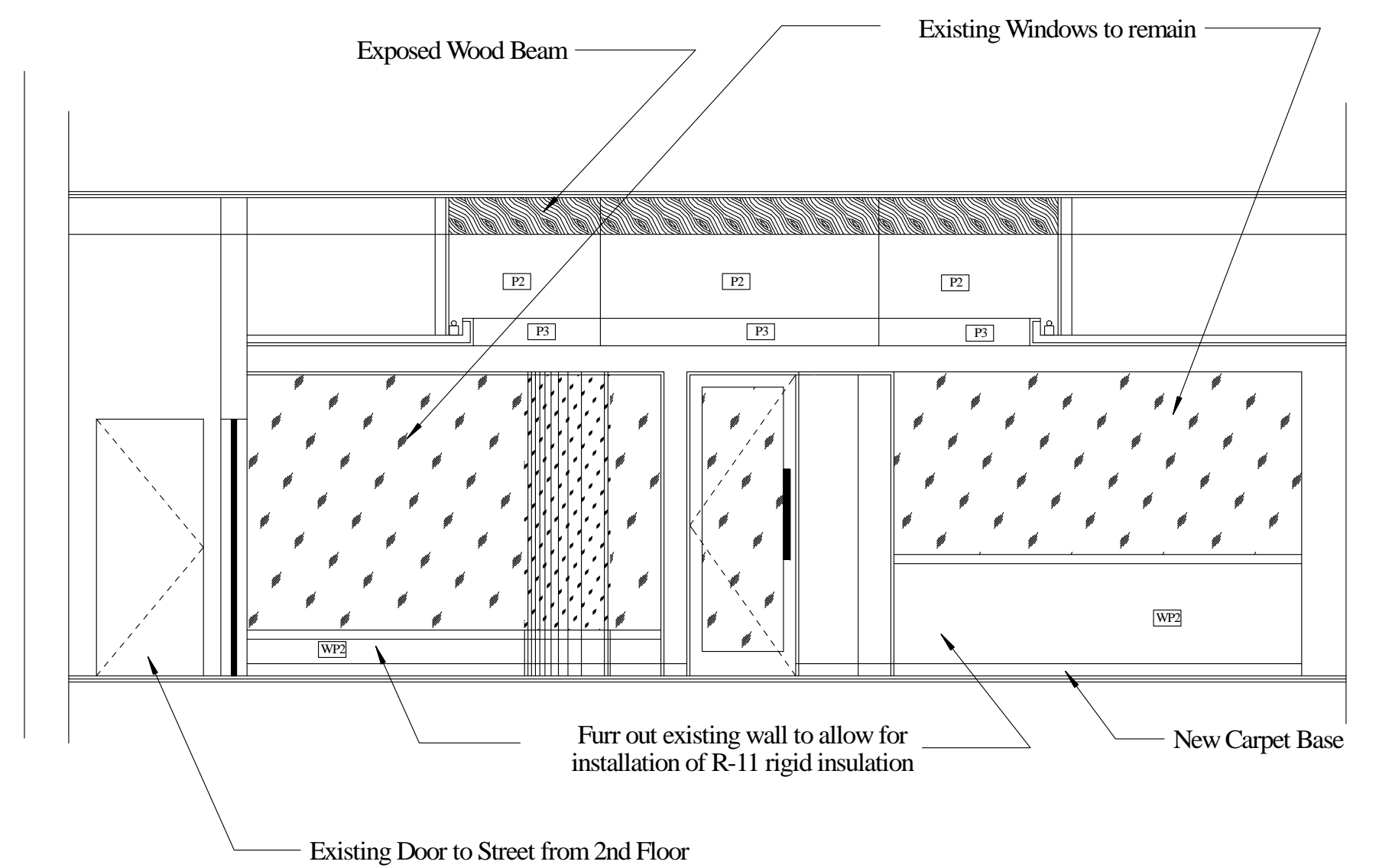
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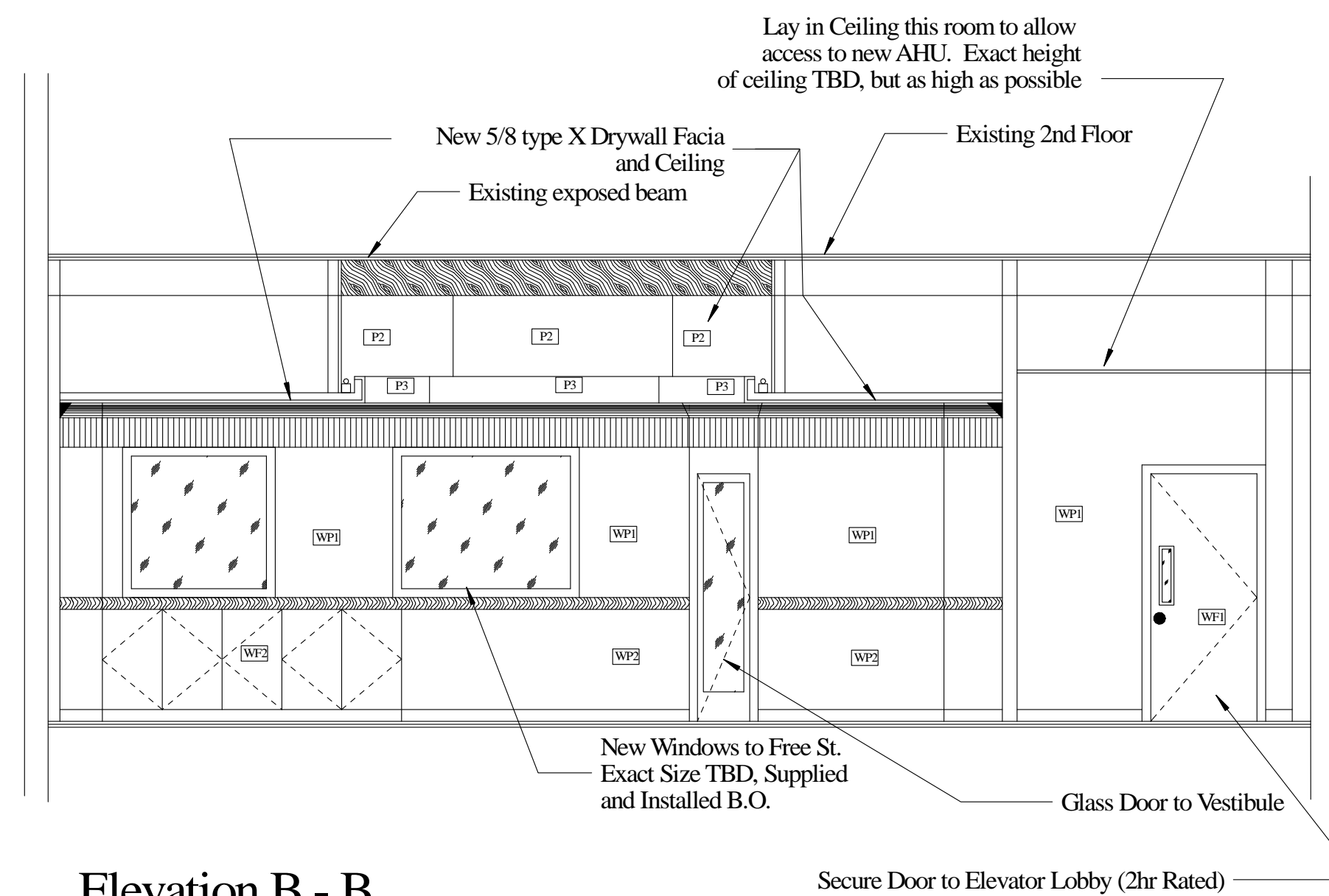
Elevation C-C



Elevation D-D



Elevation A - A



Elevation B - B

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RENOVATIONS TO:  
**SPRINGER'S  
JEWELERS**  
580 CONGRESS STREET  
PORTLAND, MAINE

date: APRIL 27, 2012

drawn by: RAD

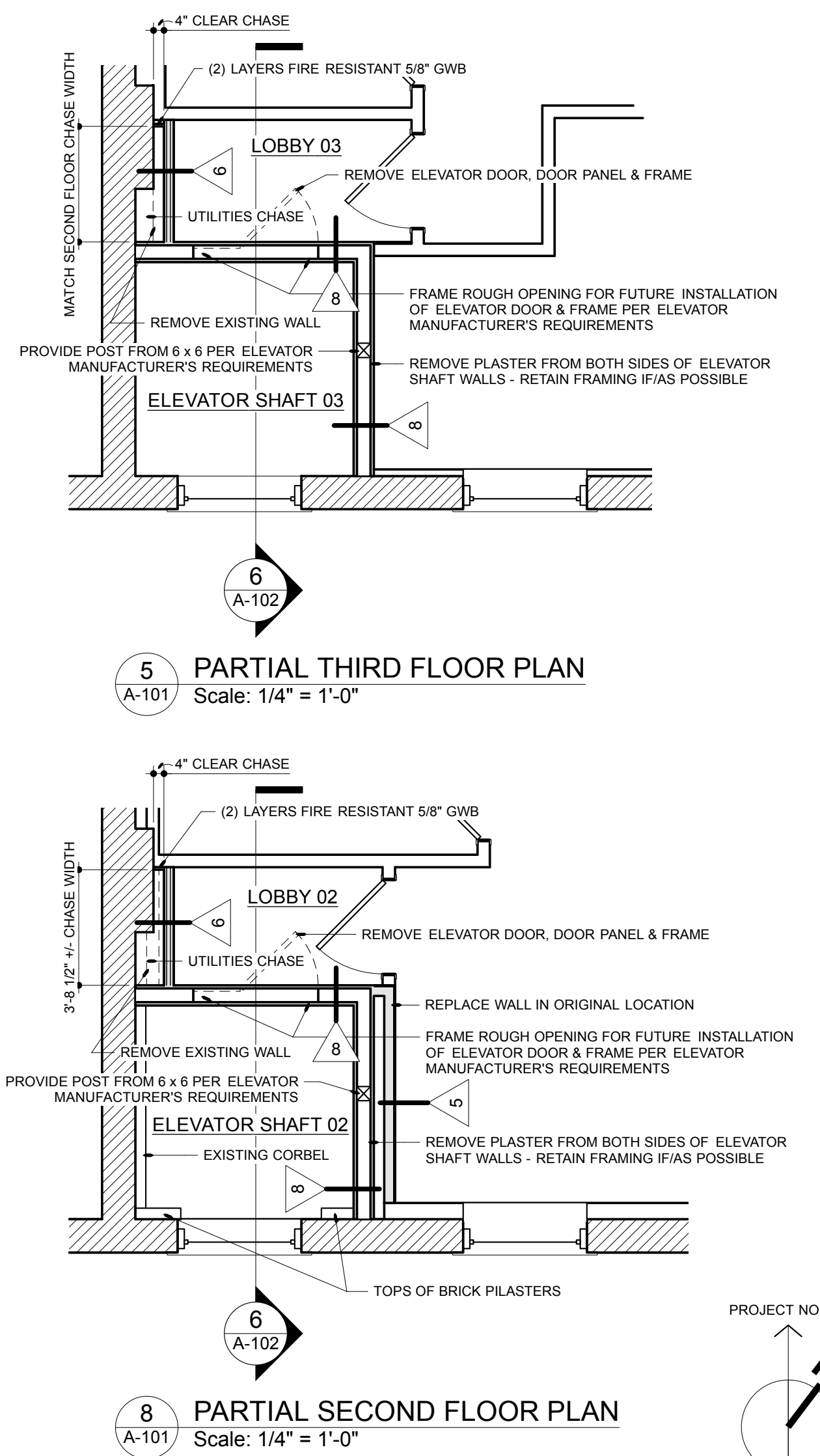
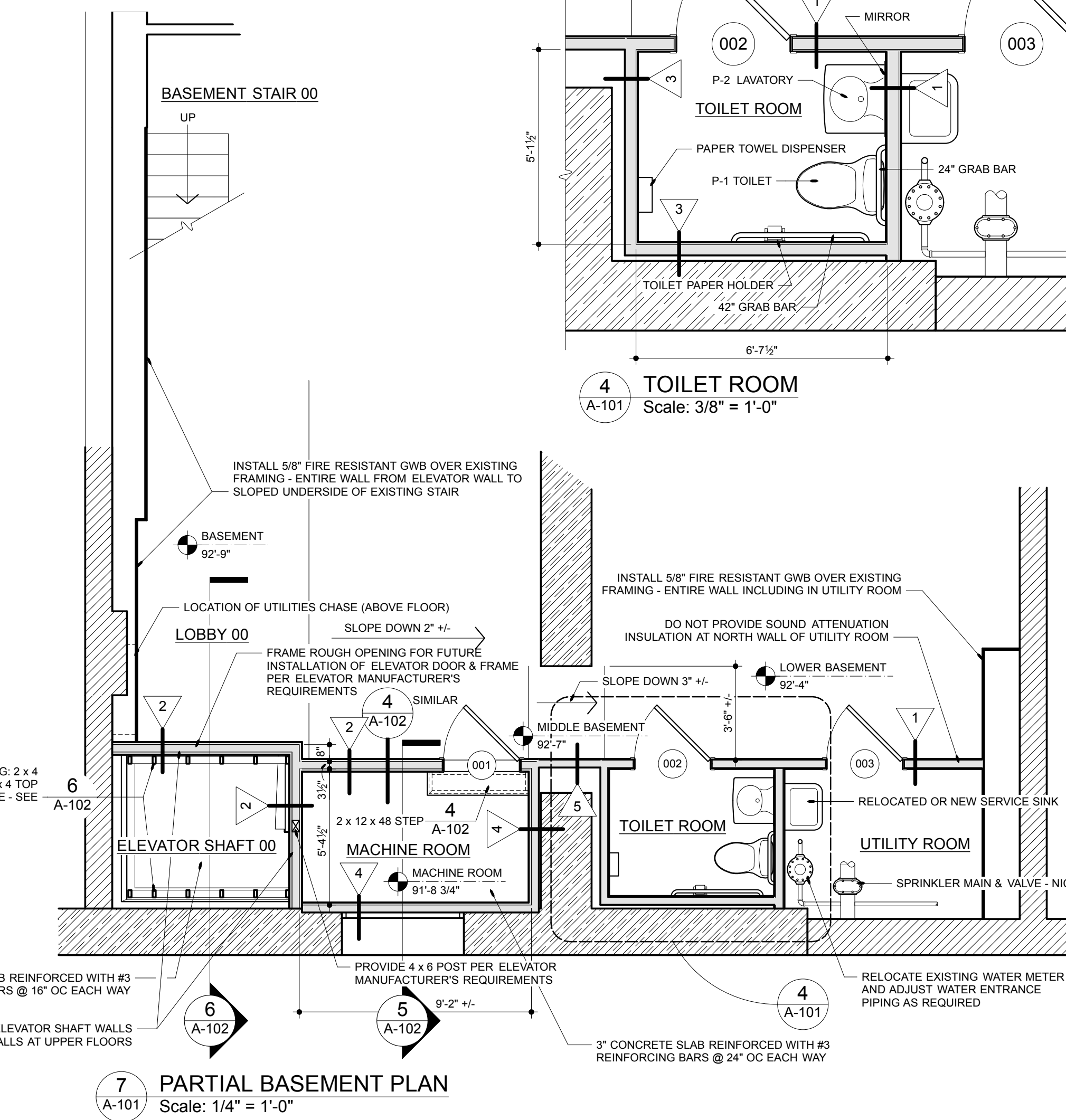
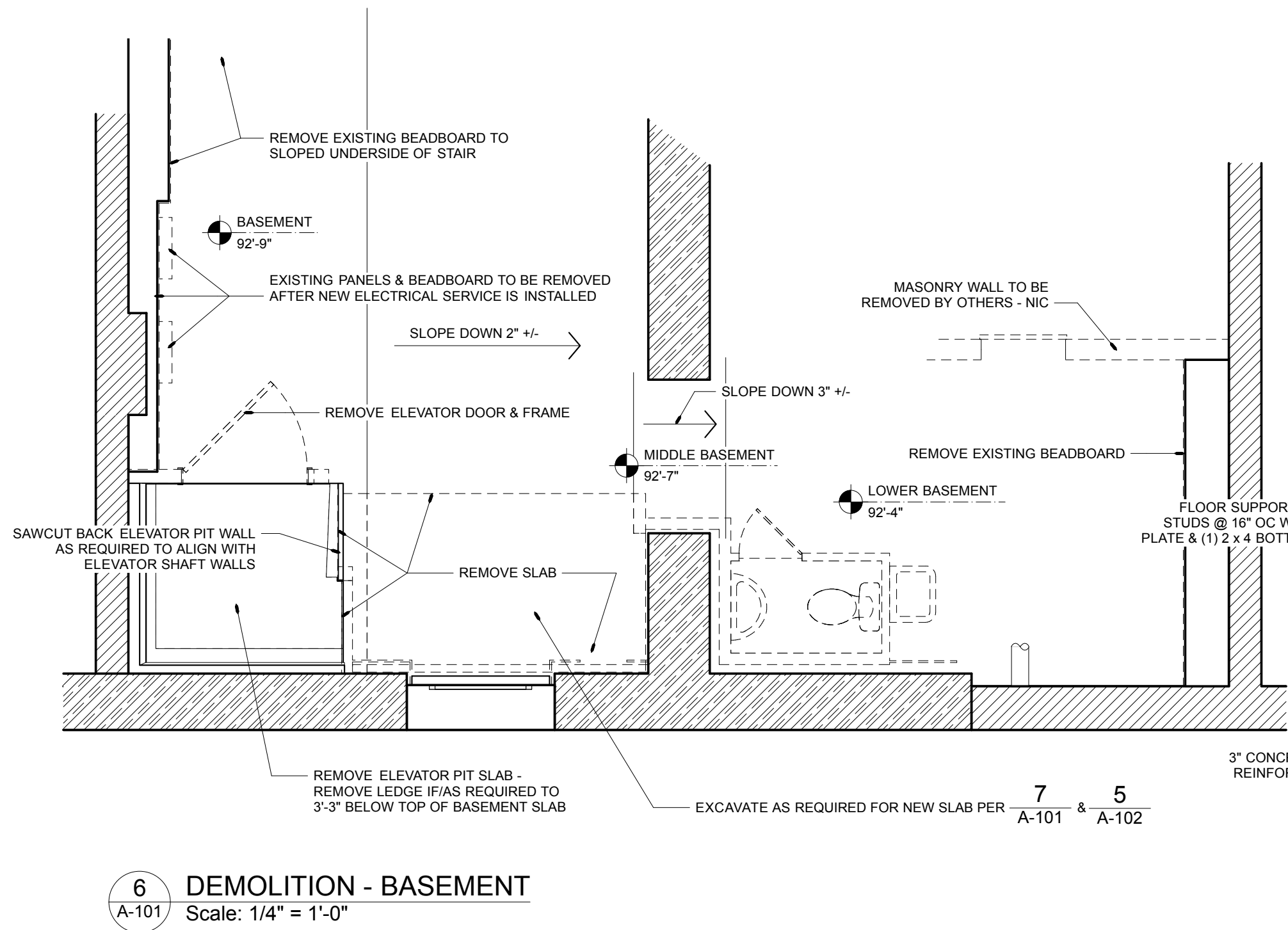
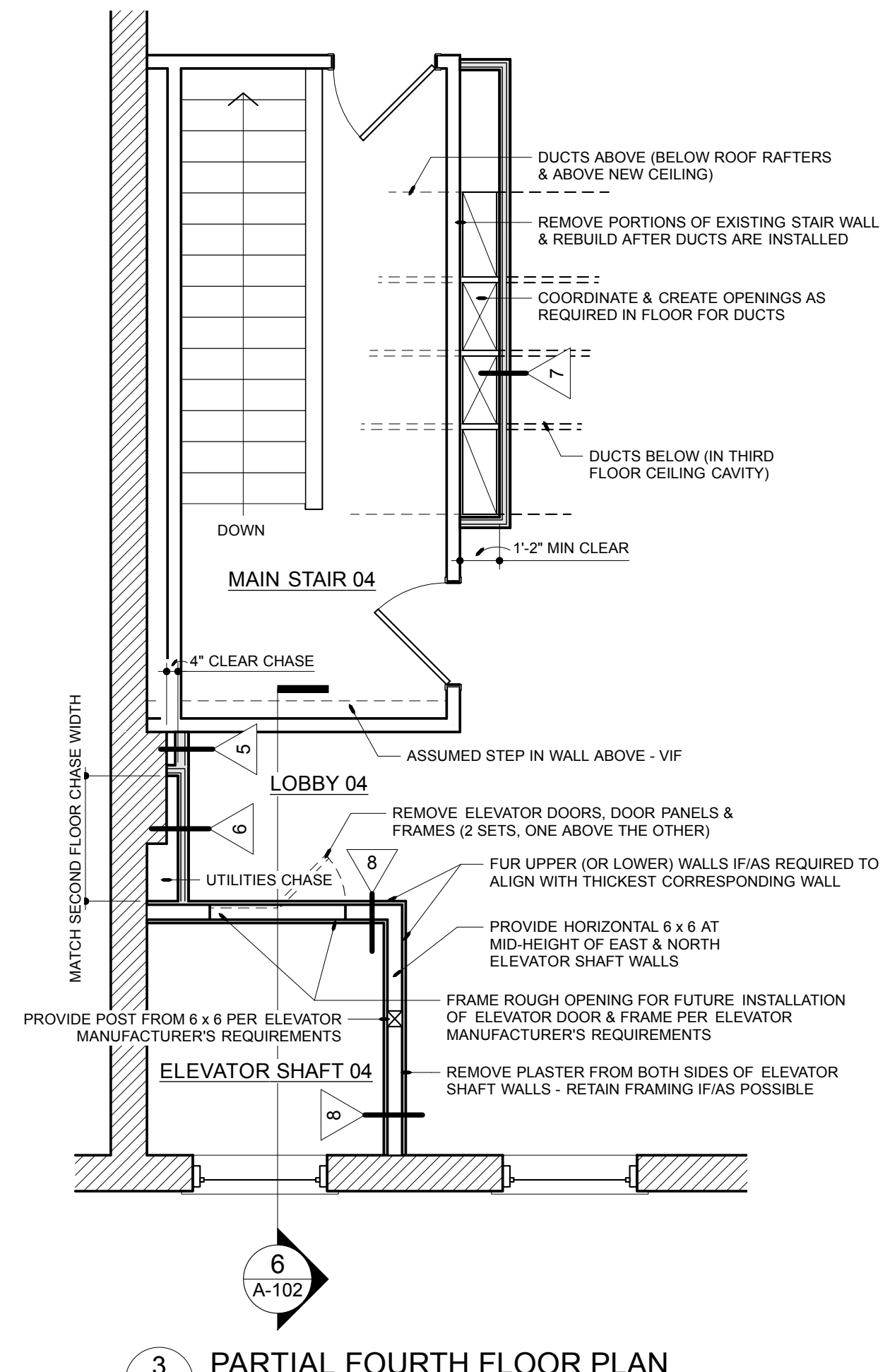
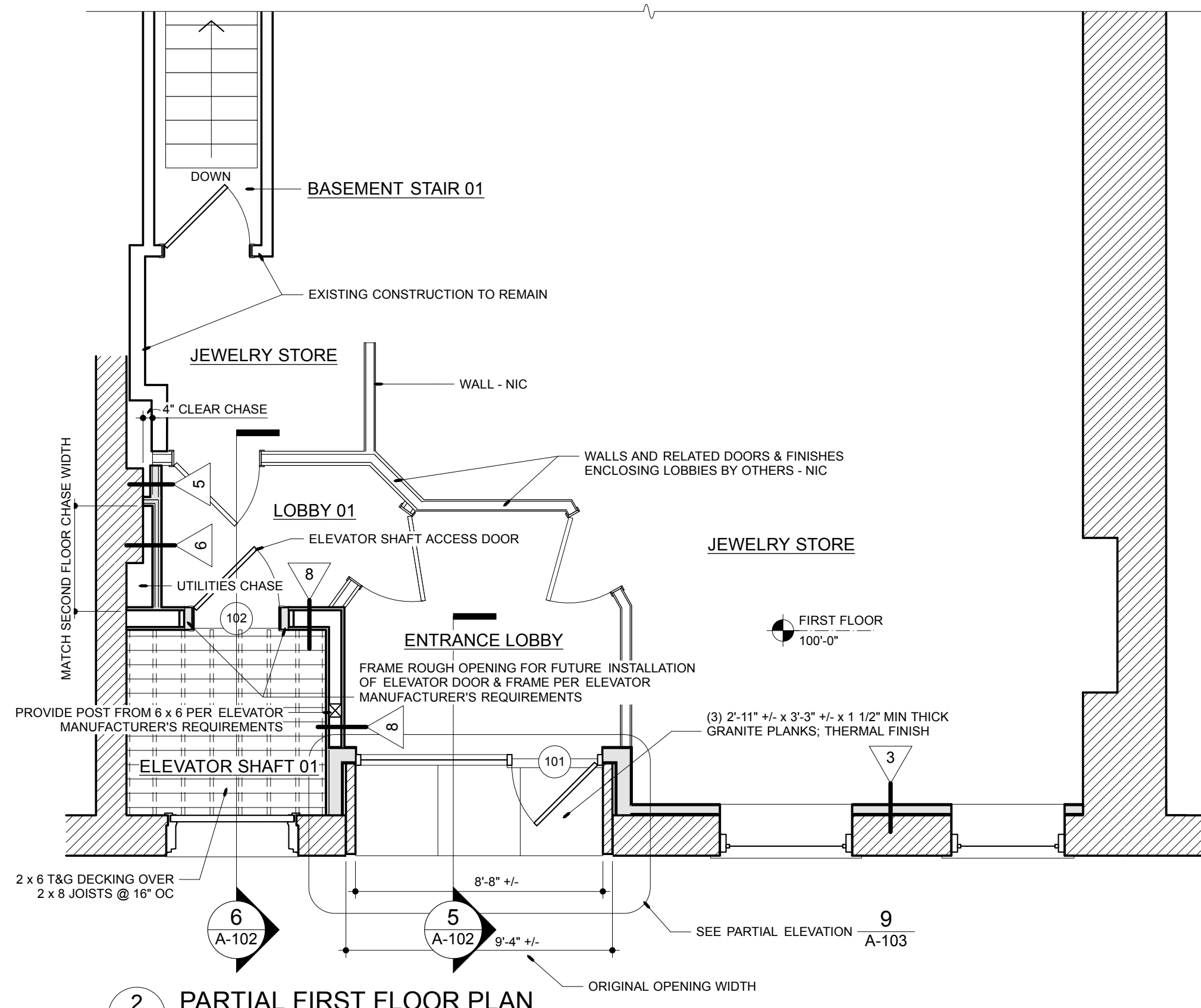
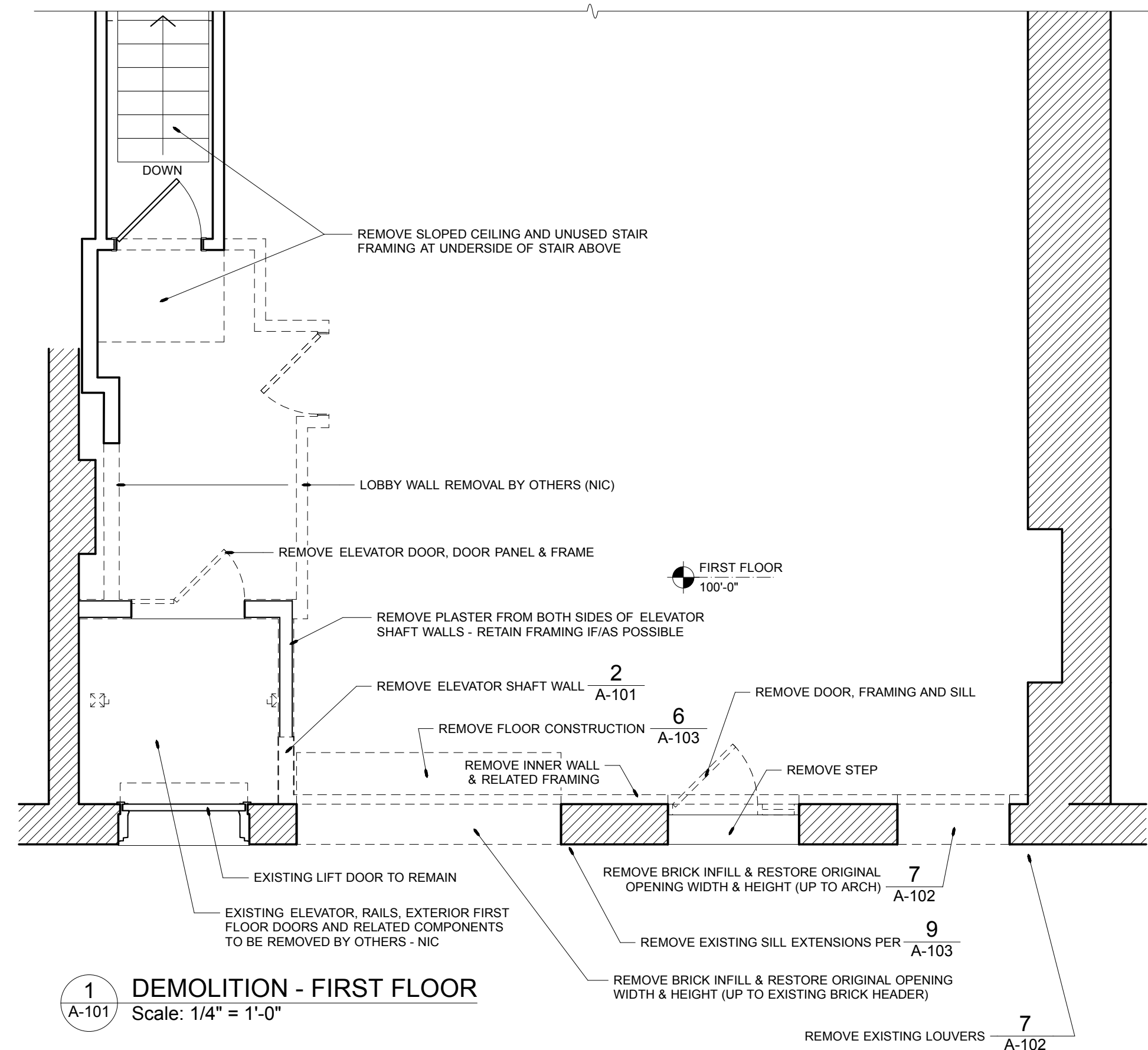
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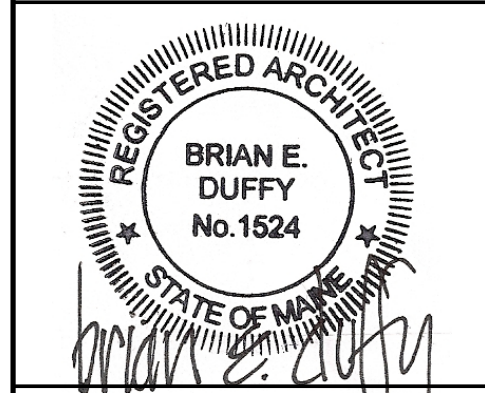
**ELEVATIONS**

sheet:

**A4**



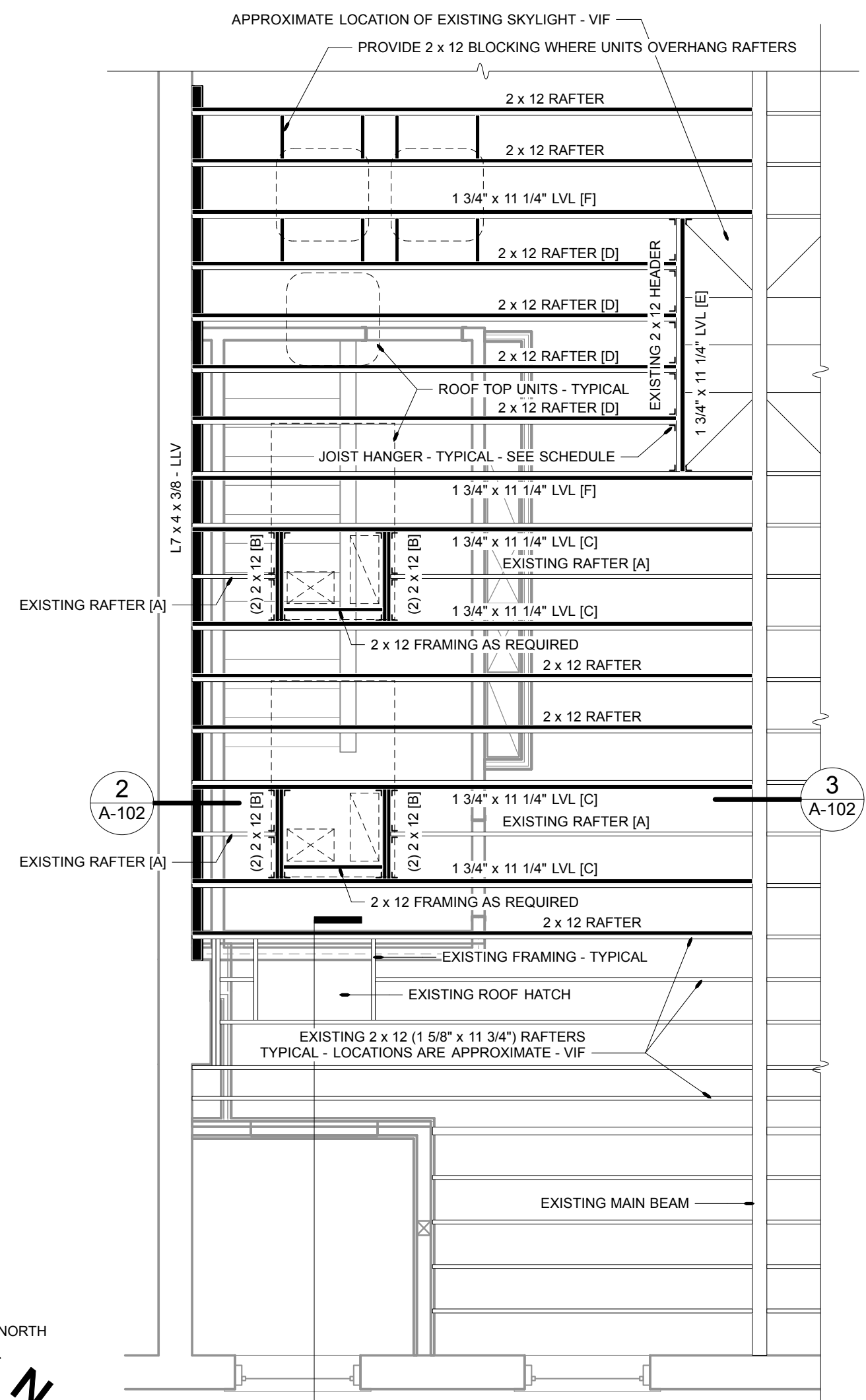
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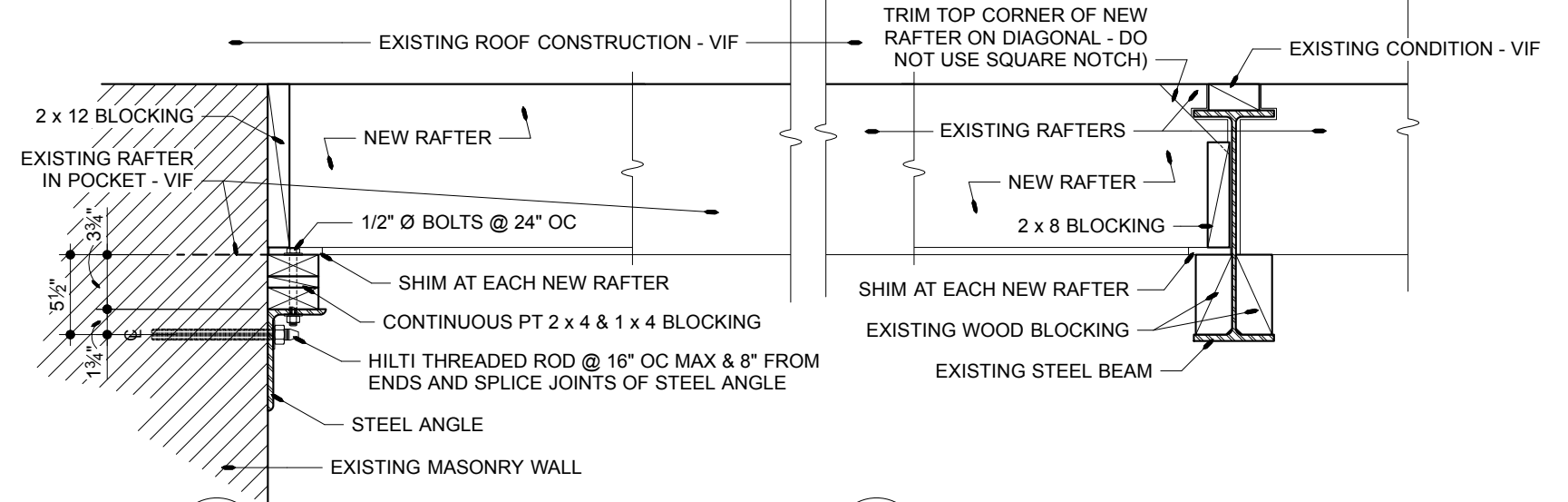
RENOVATIONS TO:  
**SPRINGER'S  
JEWELERS**  
580 CONGRESS STREET  
PORTLAND, MAINE

date: APRIL 27, 2012  
drawn by: WJT  
scale: AS NOTED  
sheet title: **DEMOLITION & FLOOR PLANS**  
sheet:

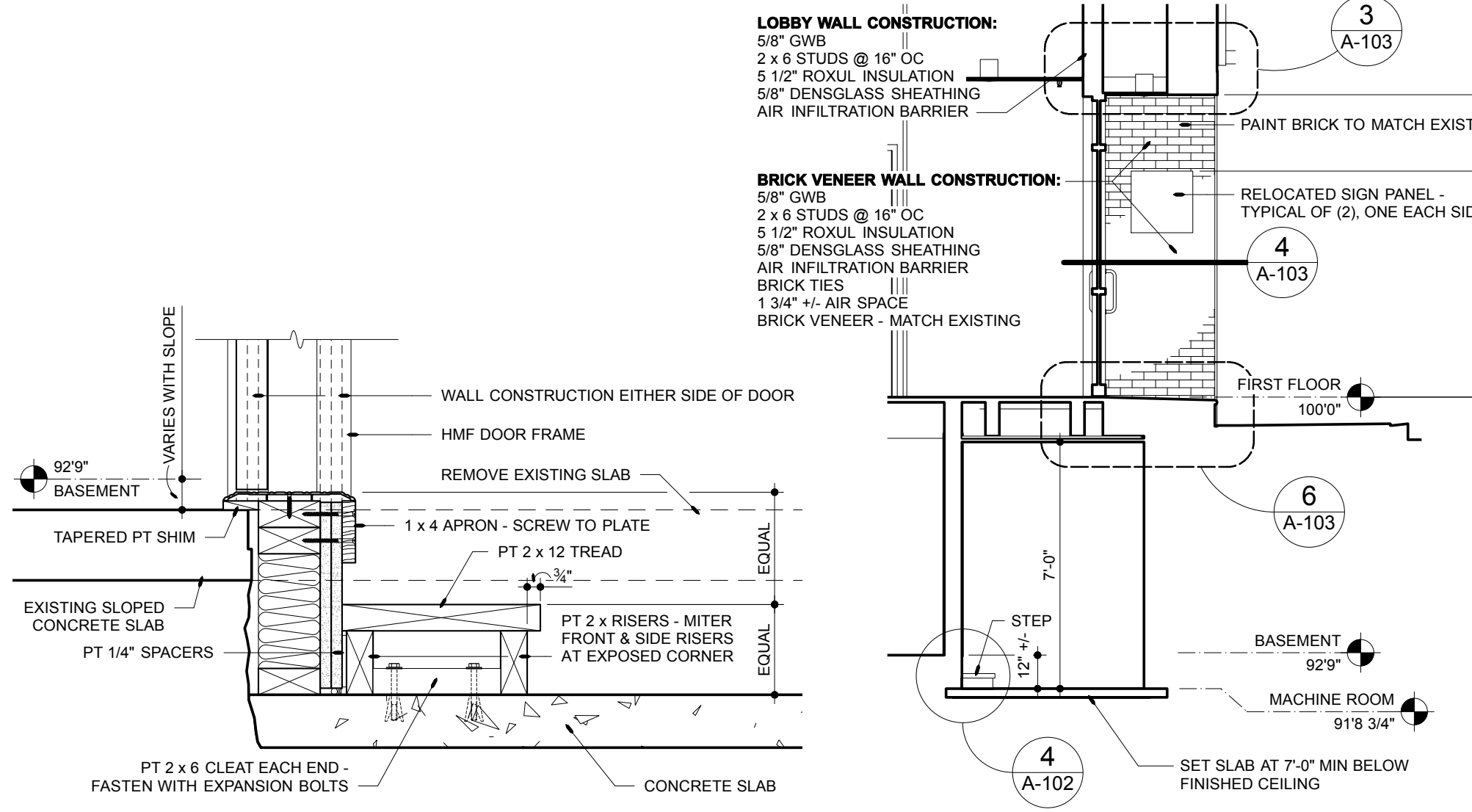
**A-101**



**1 PARTIAL ROOF FRAMING PLAN**  
Scale: 1/4" = 1'-0"



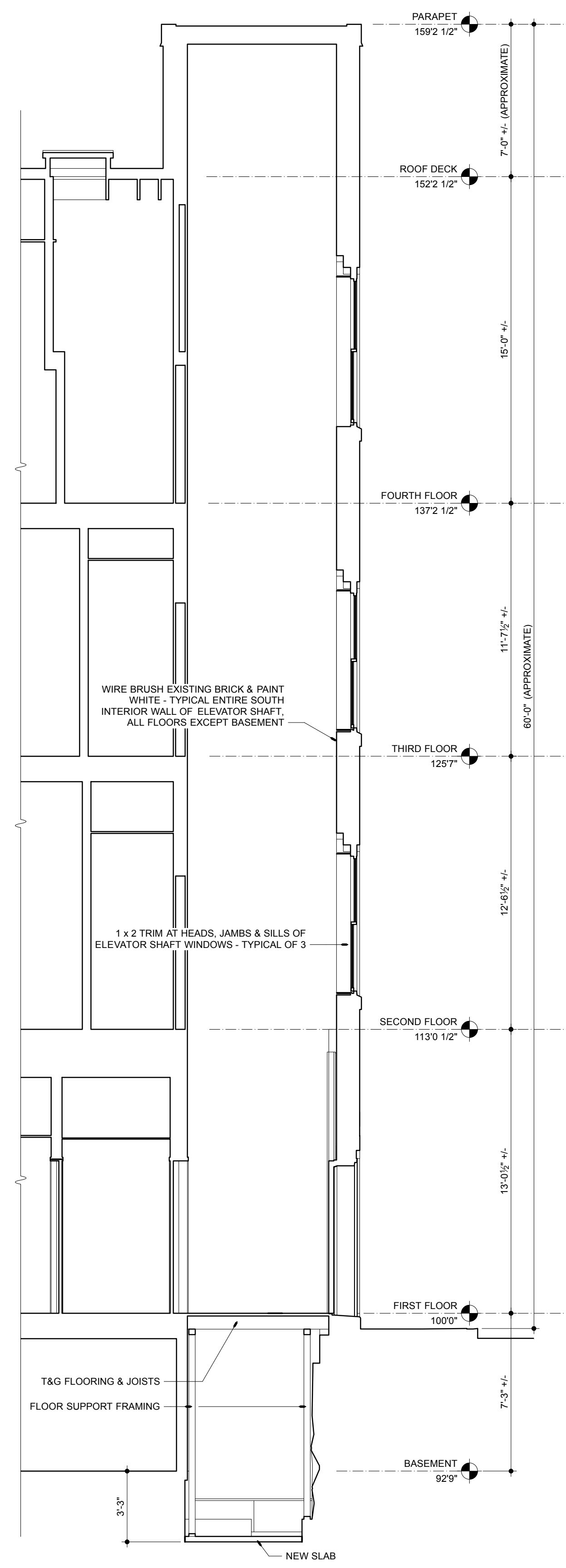
**2 RAFTER AT WALL** Scale: 1" = 1'-0"  
**3 RAFTER AT MAIN BEAM** Scale: 1" = 1'-0"



**4 MACHINE ROOM STEP** Scale: 1 1/2" = 1'-0"  
**5 MACHINE ROOM & ENTRANCE** Scale: 1/4" = 1'-0"

**JOIST HANGER SCHEDULE**  
PROVIDE SIMPSON HANGERS AS INDICATED BELOW:

SIMPSON No.	APPLICATION	APPLICATION DETAILS
U210R & SHIM	[A] @ [B]	EXISTING RAFTER [A] @ (2) 2 x 12 [B]
LUS210-2	[B] @ [C]	(2) 2 x 12 [B] @ 1 3/4" x 11 1/4" LVL [C] + EXISTING RAFTER
(2) A35 ANGLES, (1) EACH SIDE	[D] @ [E]	2 x 12 RAFTER [D] + EXISTING RAFTER @ 1 3/4" x 11 1/4" LVL [E] + EXISTING 2 x 12 HEADER
HU412 w/ MAX NAILING	[E] @ [F]	1 3/4" x 11 1/4" LVL [E] + EXISTING 2 x 12 HEADER @ 1 3/4" x 11 1/4" LVL [F] + EXISTING RAFTER

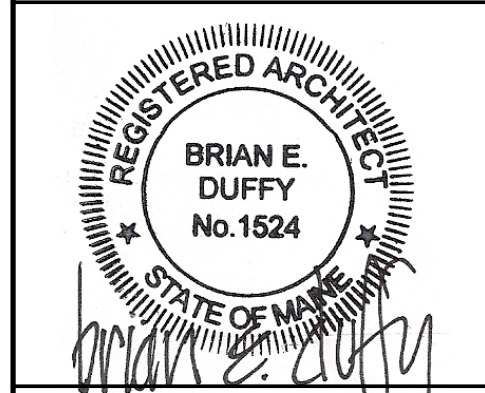


**6 SECTION AT ELEVATOR SHAFT** Scale: 1/4" = 1'-0"



**7 SOUTH ELEVATION** Scale: 1/4" = 1'-0"

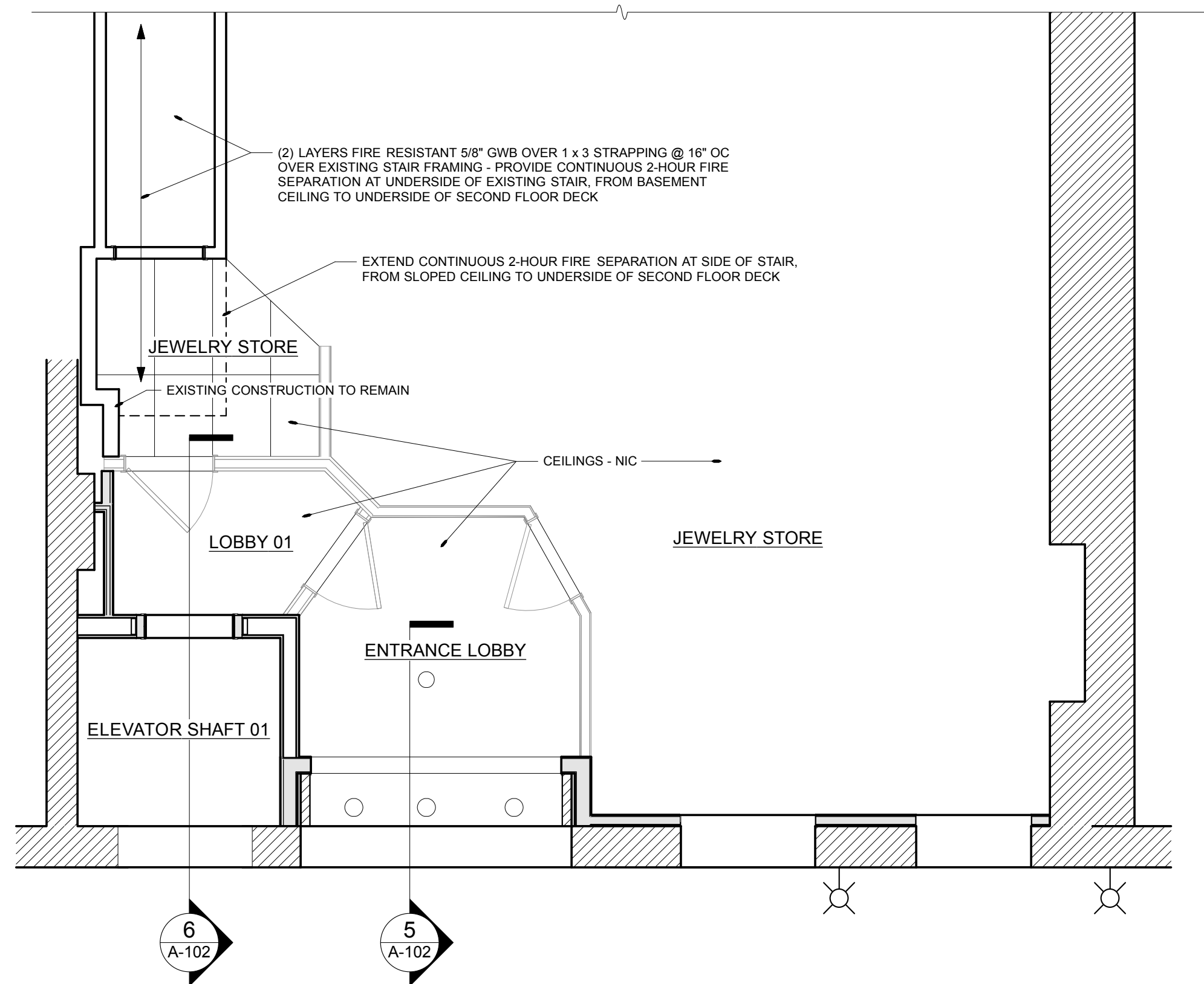
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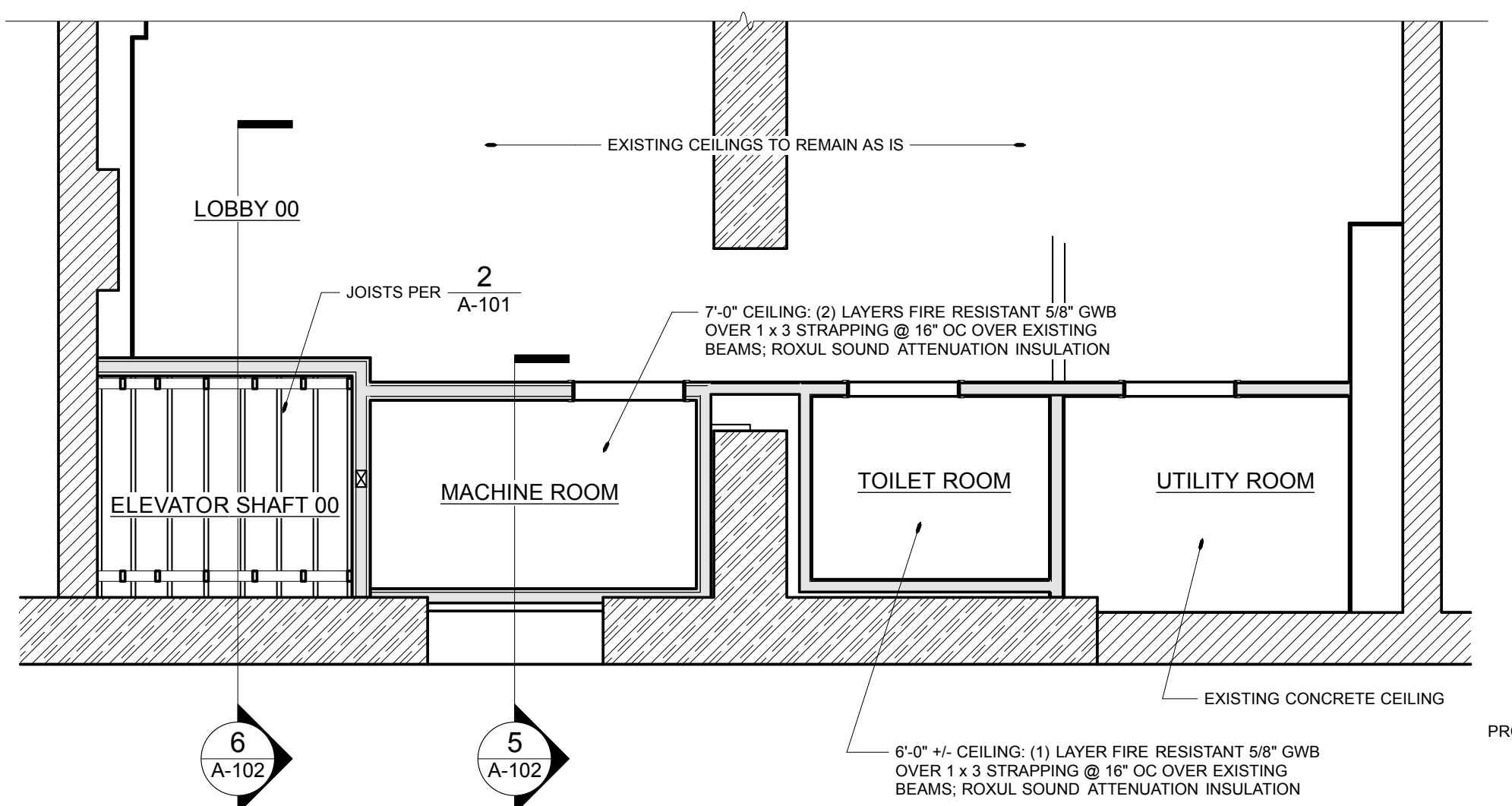
RENOVATIONS TO:  
**SPRINGER'S JEWELERS**  
580 CONGRESS STREET  
PORTLAND, MAINE

date: APRIL 27, 2012  
drawn by: WJT  
scale: AS NOTED  
sheet title: ELEVATIONS SECTIONS & FRAMING  
sheet:

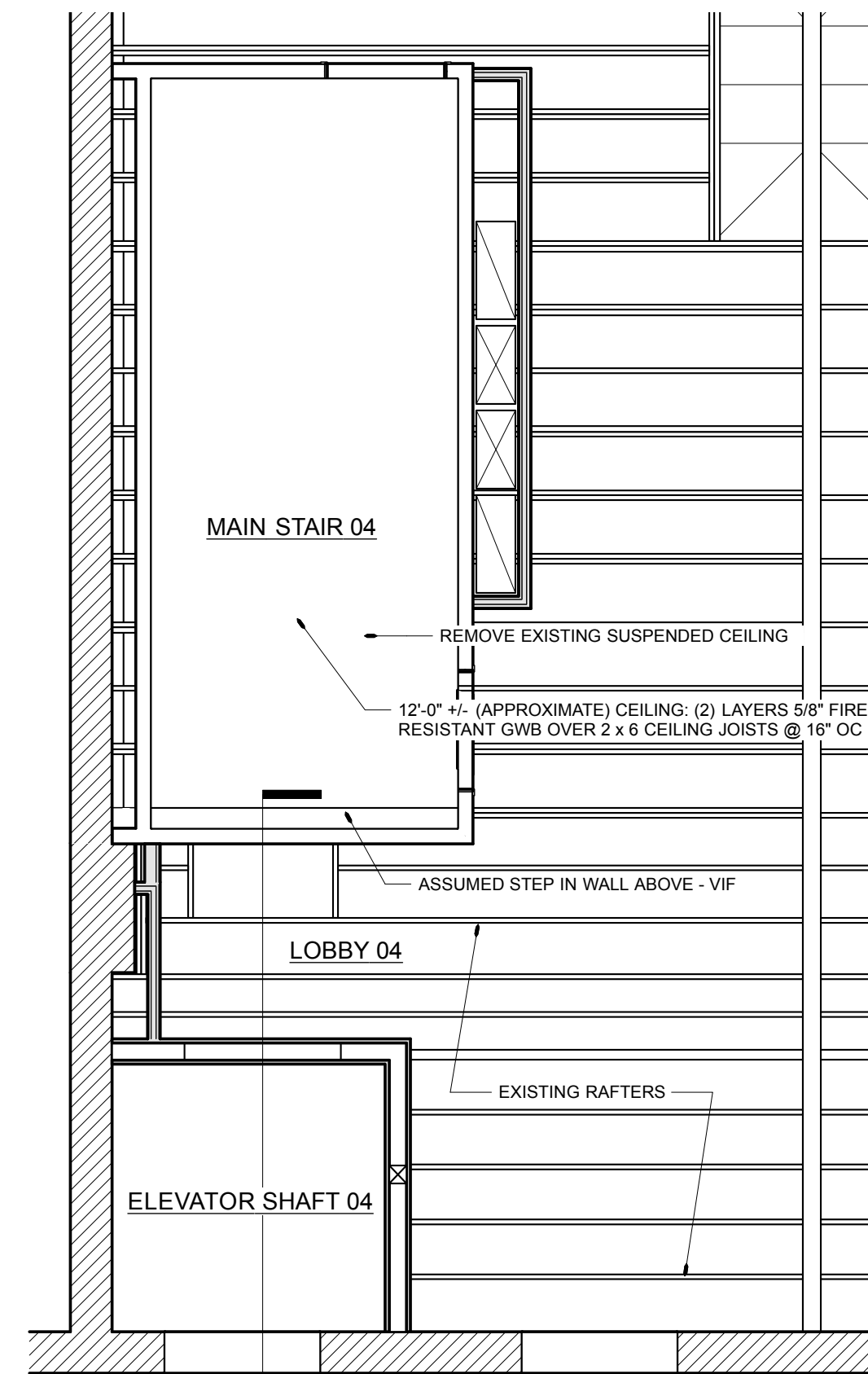
**A-102**



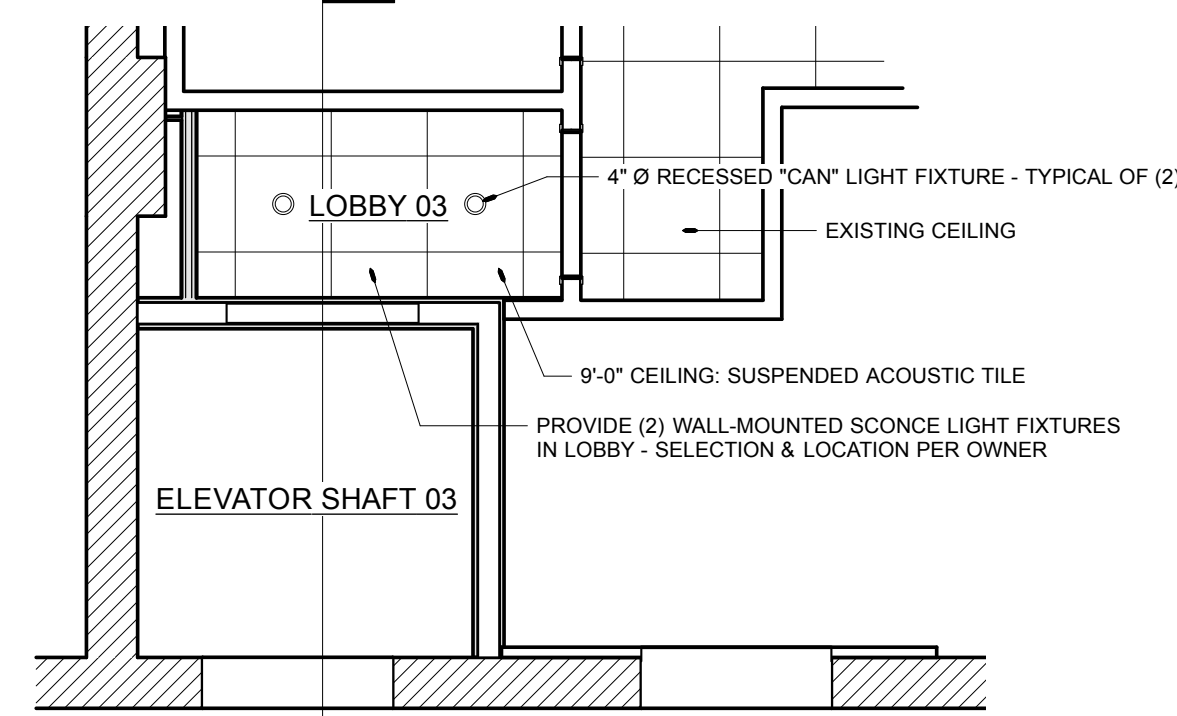
1 FIRST FLOOR REFLECTED CEILING PLAN  
Scale: 1/4" = 1'-0"



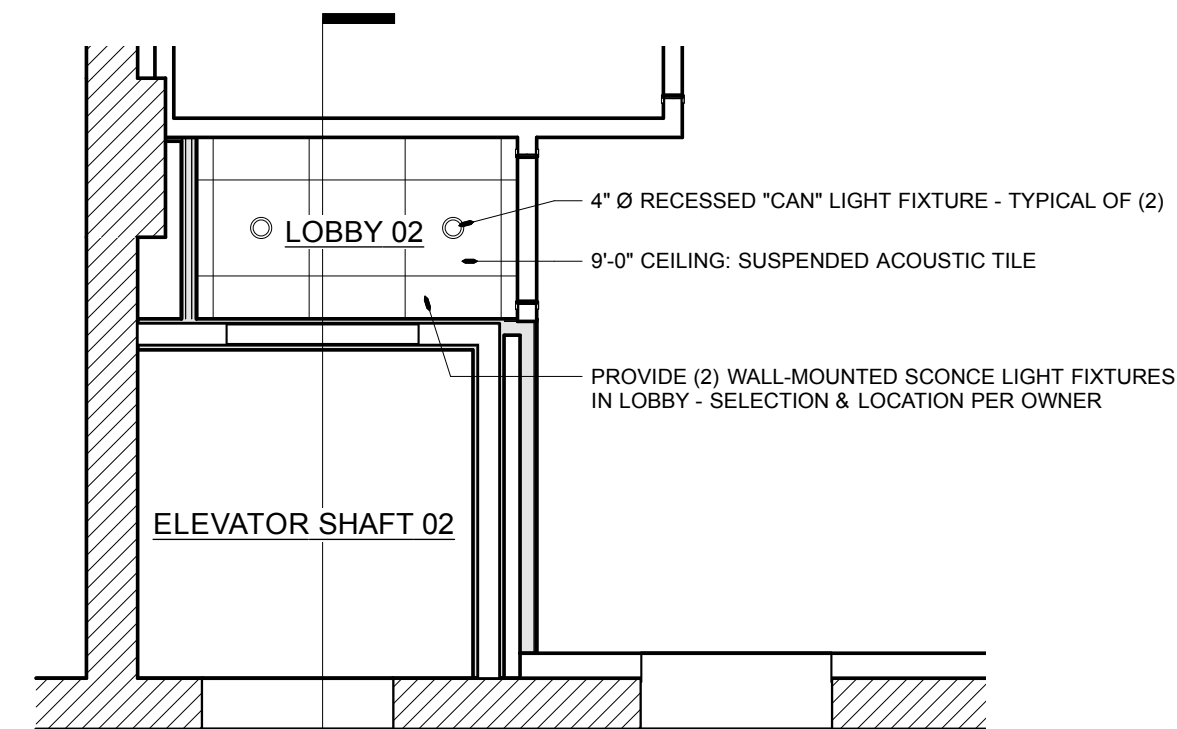
7 BASEMENT REFLECTED CEILING PLAN  
Scale: 1/4" = 1'-0"



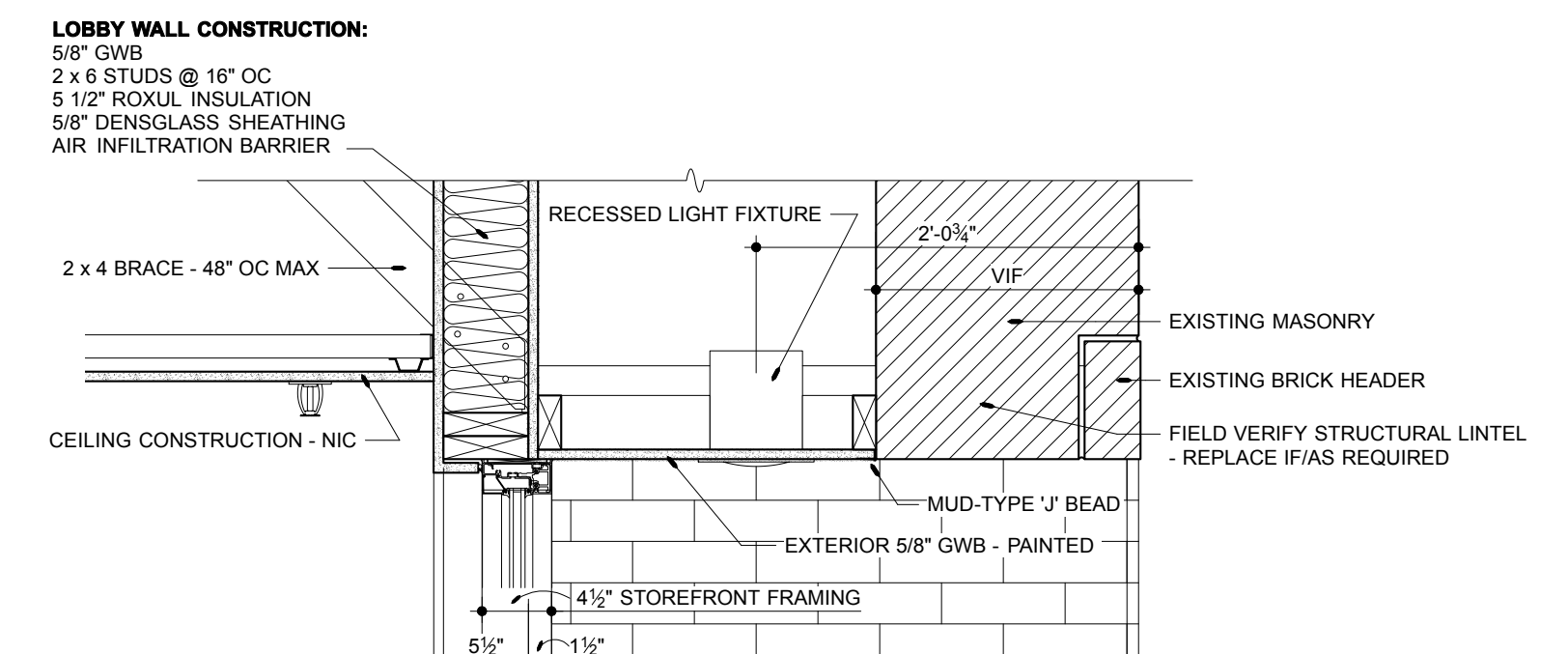
2 FOURTH FLOOR REFLECTED CEILING PLAN  
Scale: 1/4" = 1'-0"



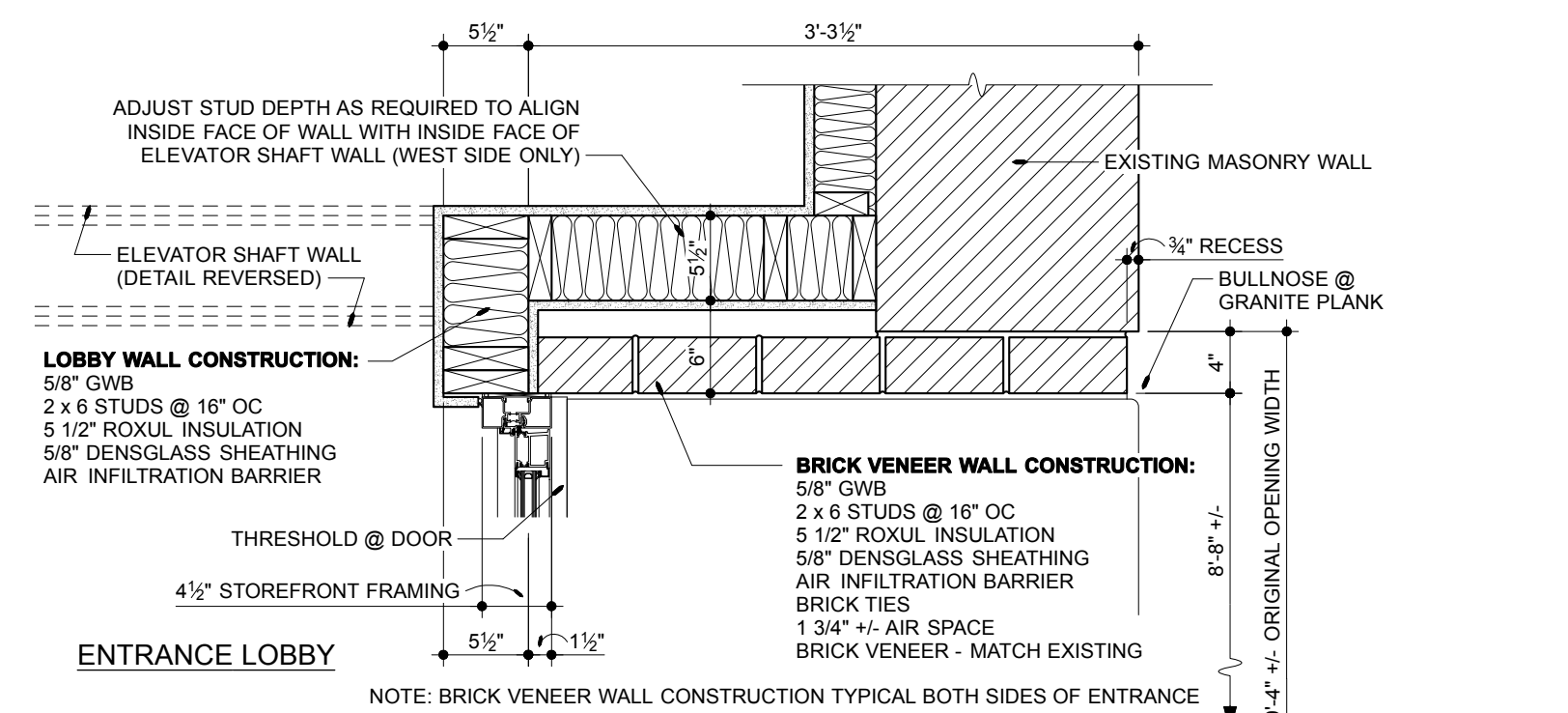
5 THIRD FLOOR REFLECTED CEILING PLAN  
Scale: 1/4" = 1'-0"



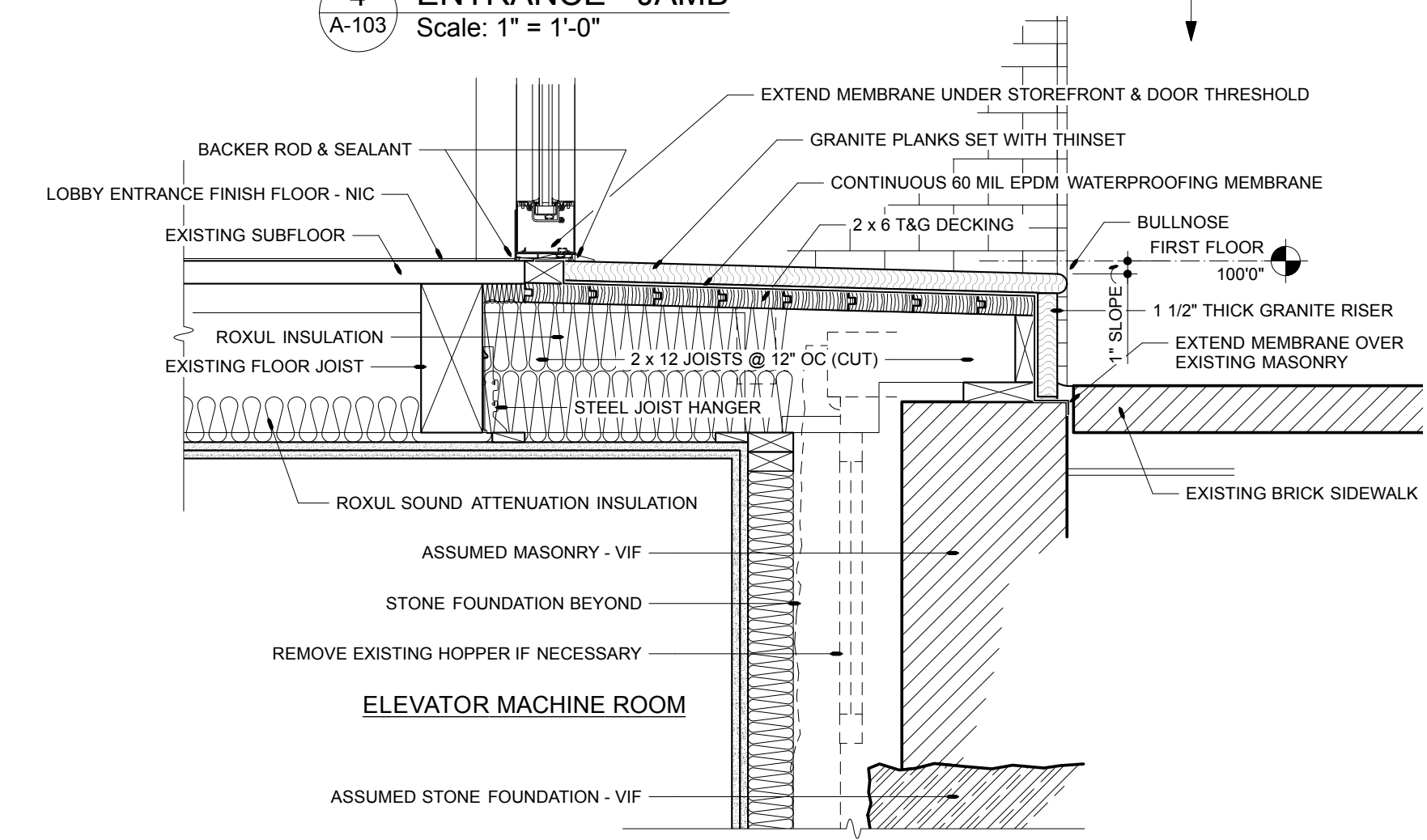
8 SECOND FLOOR REFLECTED CEILING PLAN  
Scale: 1/4" = 1'-0"



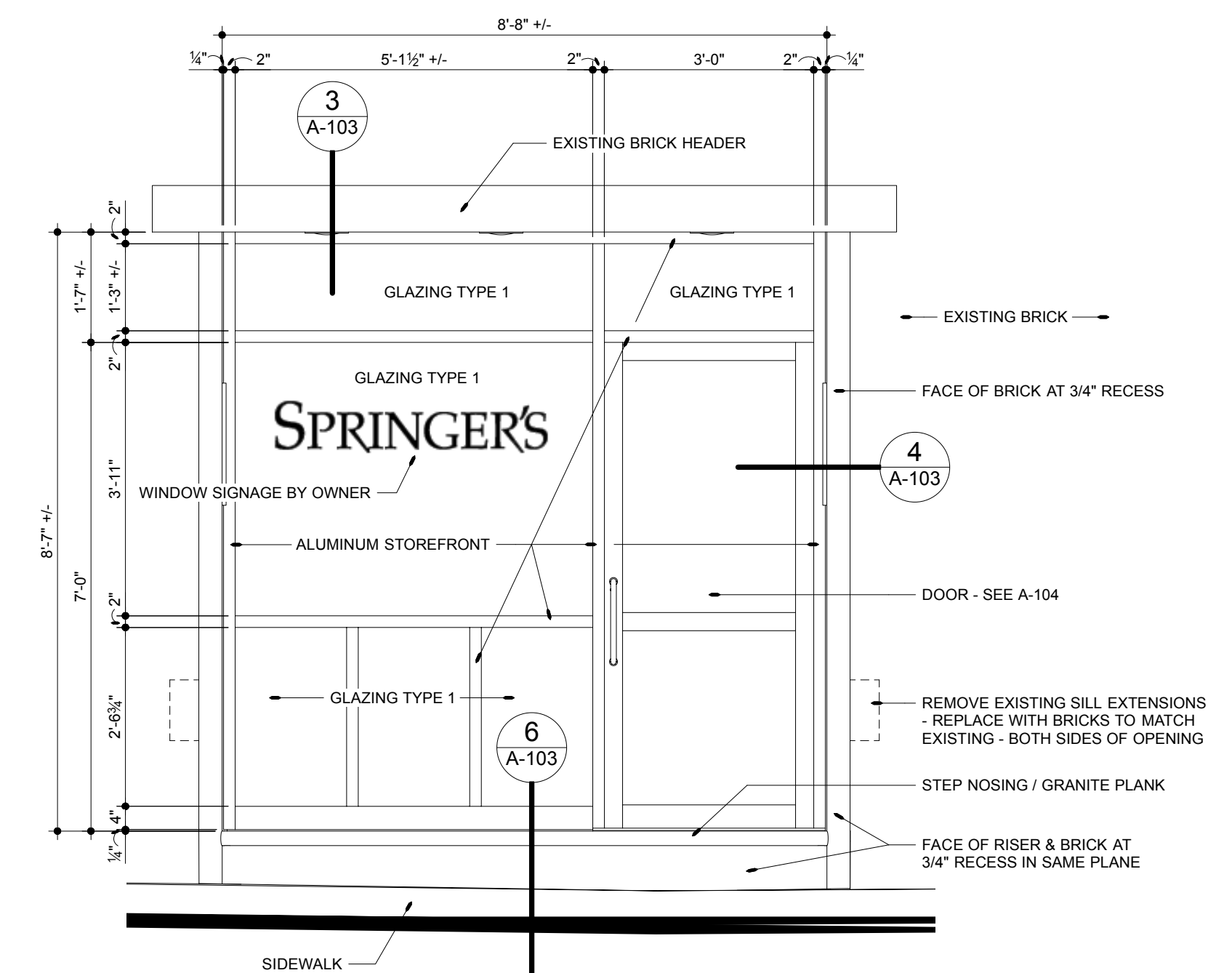
3 ENTRANCE - HEAD  
Scale: 1" = 1'-0"



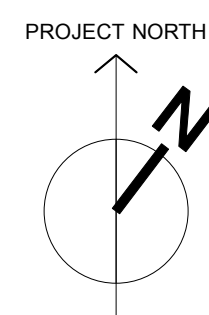
4 ENTRANCE - JAMB  
Scale: 1" = 1'-0"



6 ENTRANCE - SILL  
Scale: 1" = 1'-0"



9 NEW ENTRANCE  
Scale: 1/2" = 1'-0"



**LOBBY WALL CONSTRUCTION:**  
5/8" GWB  
2 x 6 STUDS @ 16" OC  
5 1/2" ROXUL INSULATION  
5/8" DENSGLASS SHEATHING  
AIR INFILTRATION BARRIER

2 x 4 BRACE - 48" OC MAX  
RECESSED LIGHT FIXTURE  
2'-0 1/2"  
VIF  
EXISTING MASONRY  
EXISTING BRICK HEADER  
FIELD VERIFY STRUCTURAL Lintel  
REPLACE IF AS REQUIRED  
MUD-TYPE 'J' BEAD  
EXTERIOR 5/8" GWB - PAINTED  
4 1/2" STOREFRONT FRAMING  
5 1/2" 1 1/2"

**LOBBY WALL CONSTRUCTION:**  
5/8" GWB  
2 x 6 STUDS @ 16" OC  
5 1/2" ROXUL INSULATION  
5/8" DENSGLASS SHEATHING  
AIR INFILTRATION BARRIER

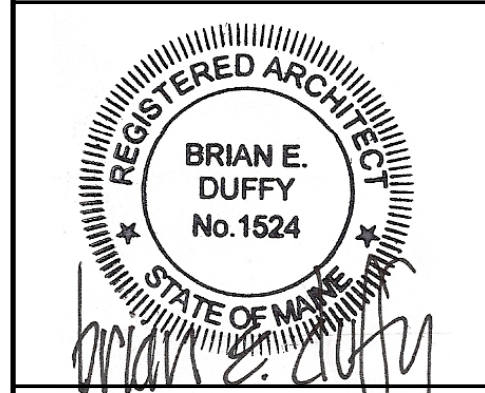
**BRICK VENEER WALL CONSTRUCTION:**  
5/8" GWB  
2 x 6 STUDS @ 16" OC  
5 1/2" ROXUL INSULATION  
5/8" DENSGLASS SHEATHING  
AIR INFILTRATION BARRIER  
BRICK TIES  
1 3/4" +/- AIR SPACE  
BRICK VENEER - MATCH EXISTING

THRESHOLD @ DOOR  
4 1/2" STOREFRONT FRAMING  
5 1/2" 1 1/2"

NOTE: BRICK VENEER WALL CONSTRUCTION TYPICAL BOTH SIDES OF ENTRANCE

EXTEND MEMBRANE UNDER STOREFRONT & DOOR THRESHOLD  
BACKER ROD & SEALANT  
GRANITE PLANKS SET WITH THINSET  
CONTINUOUS 60 MIL EPDM WATERPROOFING MEMBRANE  
BULLNOSE FIRST FLOOR 1000"  
2 x 6 T&G DECKING  
1 1/2" THICK GRANITE RISER  
EXTEND MEMBRANE OVER EXISTING MASONRY  
EXISTING BRICK SIDEWALK  
EXISTING SUBFLOOR  
ROXUL INSULATION  
EXISTING FLOOR JOIST  
STEEL JOIST HANGER  
2 x 12 JOISTS @ 12" OC (CUT)  
ROXUL SOUND ATTENUATION INSULATION  
ASSUMED MASONRY - VIF  
STONE FOUNDATION BEYOND  
REMOVE EXISTING HOPPER IF NECESSARY  
ELEVATOR MACHINE ROOM  
ASSUMED STONE FOUNDATION - VIF

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RENOVATIONS TO:  
**SPRINGER'S  
JEWELERS**  
580 CONGRESS STREET  
PORTLAND, MAINE

date: APRIL 27, 2012  
drawn by: WJT  
scale: AS NOTED  
sheet title:  
**DETAILS  
&  
RCPs**  
sheet:

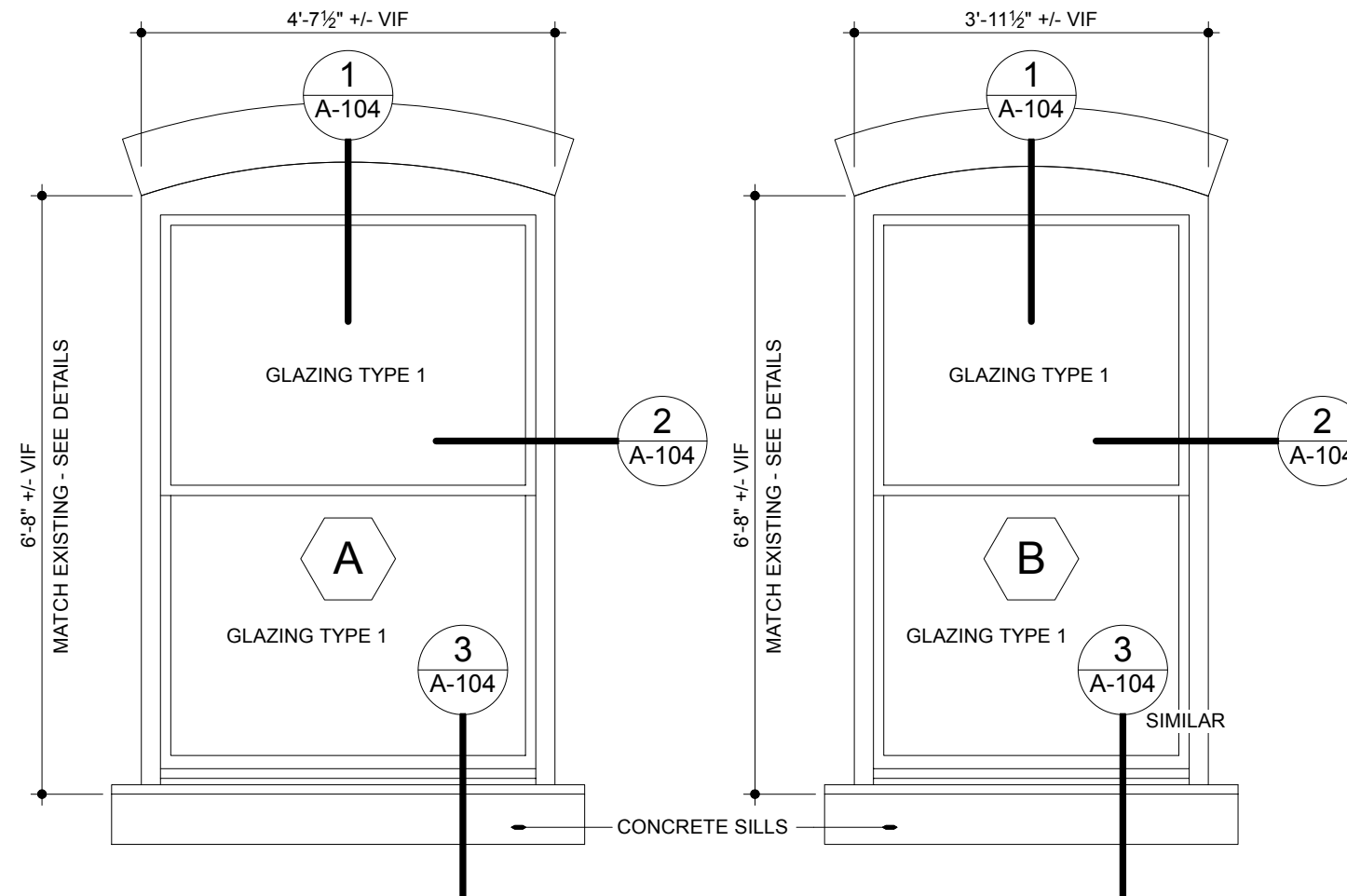
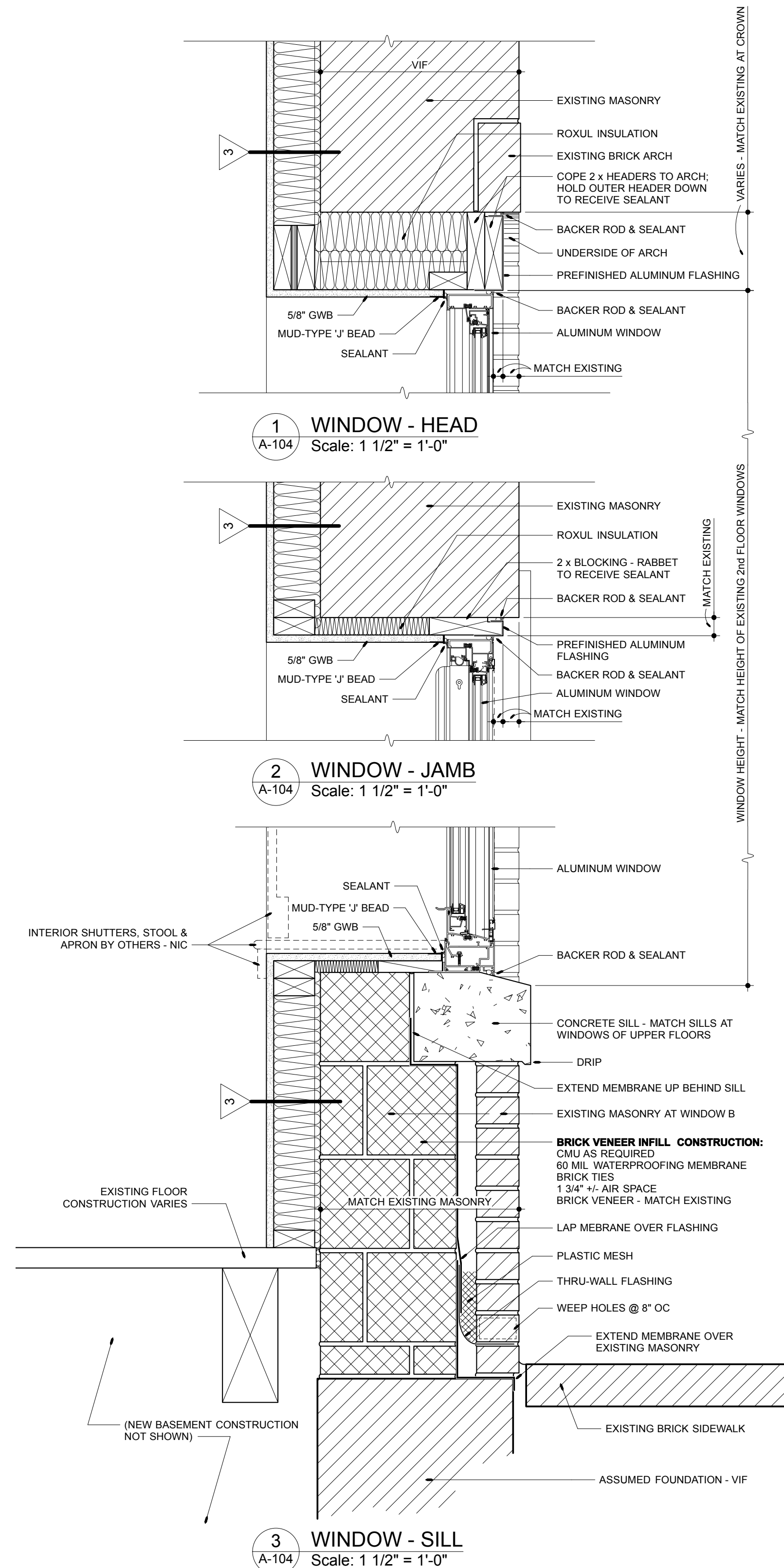
**A-103**



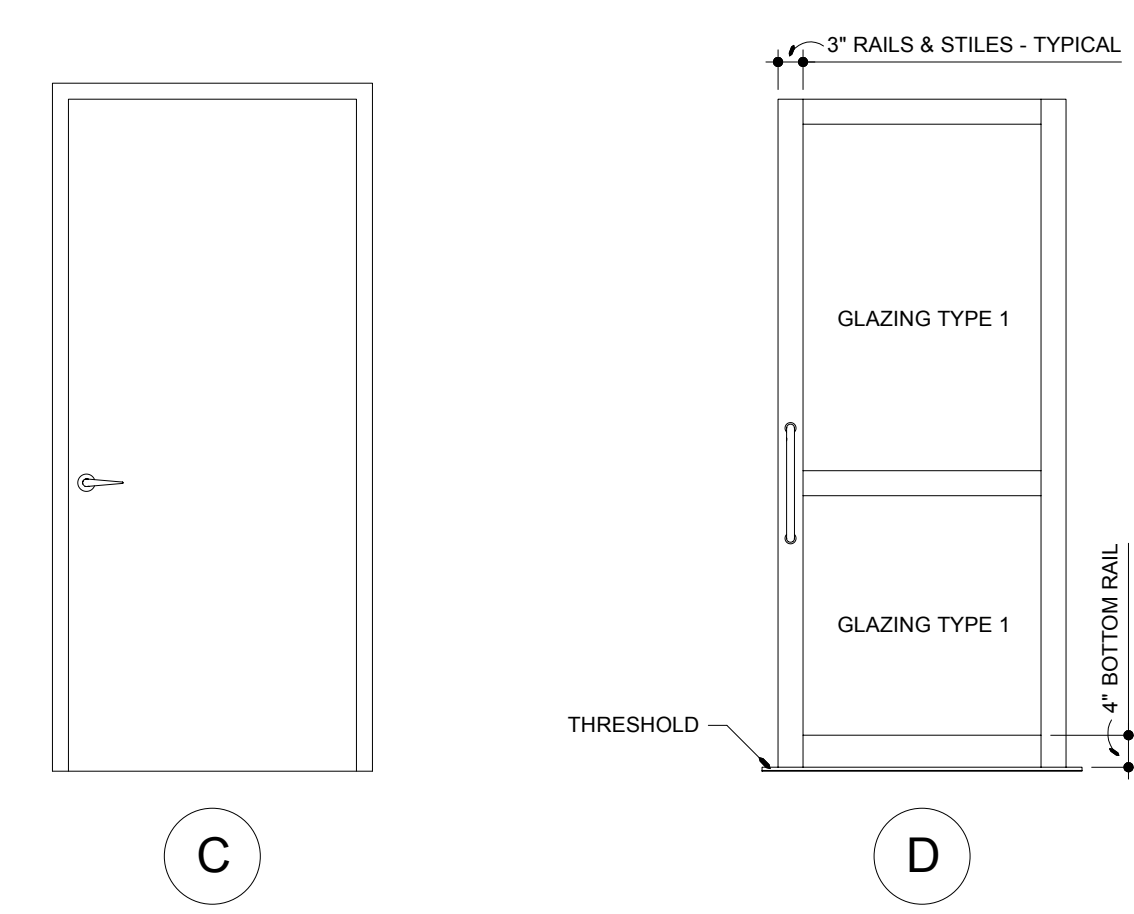
# Door Schedule

DOOR NO.	LOCATION	DOORS				FRAMES				LABEL	DOOR NO.	REMARKS		
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	MATERIAL	WALL	HEAD				JAMB	SILL
001	MACHINE ROOM	3'0"	6'2"	1 3/4"	C	WOOD	HMF	6"				90 MINUTE	001	FIELD VERIFY DOOR HEIGHT PRIOR TO FABRICATION (LOW EXISTING CEILING)
002	TOILET ROOM	3'0"	6'2"	1 3/4"	C	WOOD	HMF	4 3/4"					002	COAT HOOK
003	UTILITY ROOM	3'0"	6'2"	1 3/4"	C	WOOD	HMF	4 3/4"					003	
101	FREE STREET ENTRANCE	3'0"	7'0"	1 3/4"	D	ALUMINUM	ALUMINUM STOREFRONT	4 1/2"					101	TEMPERED GLAZING; HARDWARE SET 1
102	ELEVATOR SHAFT	3'0"	7'0"	1 3/4"	C	WOOD	HMF	9 1/2"				90 MINUTE	102	HD LOCKSET; WALL THICKNESS APPROXIMATE - VIF

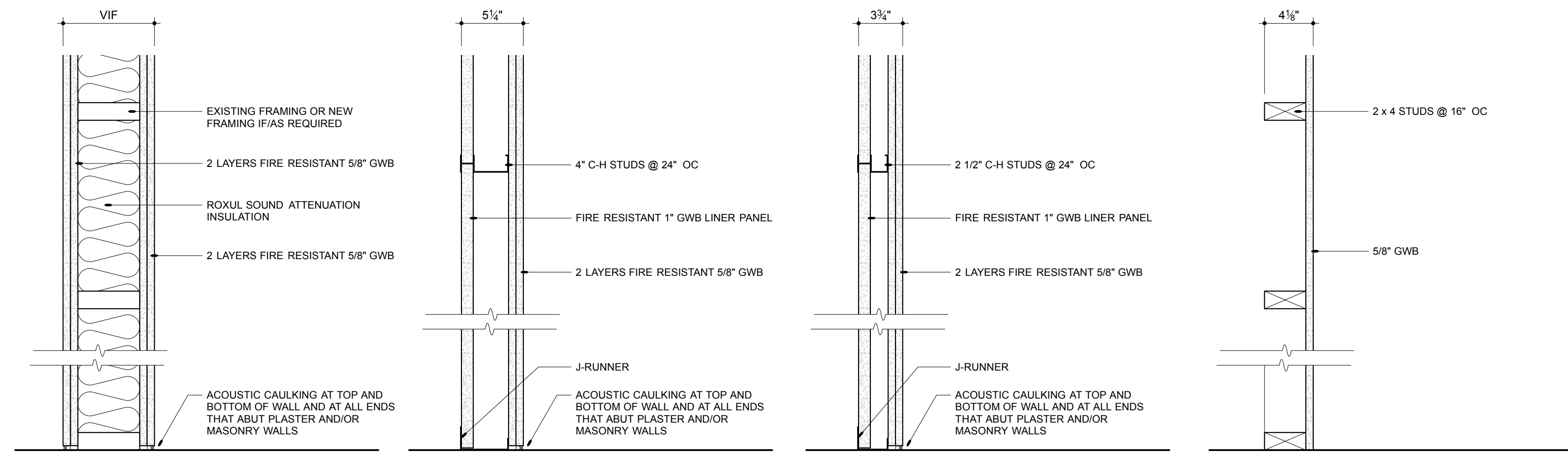
**HARDWARE SET 1:** "ADAMS" ELECTRIC STRIKE AND CARD READER; 1/2" HIGH "NATIONAL" OR "ZERO" ALUMINUM THRESHOLD; BRUSHED STAINLESS 1" DIAMETER DOOR PULLS  
**HD LOCKSET:** HEAVY-DUTY LOCKSET  
**HMF:** WELDED 16 GAUGE HOLLOW METAL FRAME; GRIND ALL JOINTS SMOOTH  
**WALL:** WALL THICKNESS / HOLLOW METAL FRAME THROAT DIMENSION  
**WOOD:** SOLID CORE PAINT-GRADE BIRCH



**WINDOW TYPES**  
Scale: 1/2" = 1'-0"



**DOOR TYPES**  
Scale: 1/2" = 1'-0"

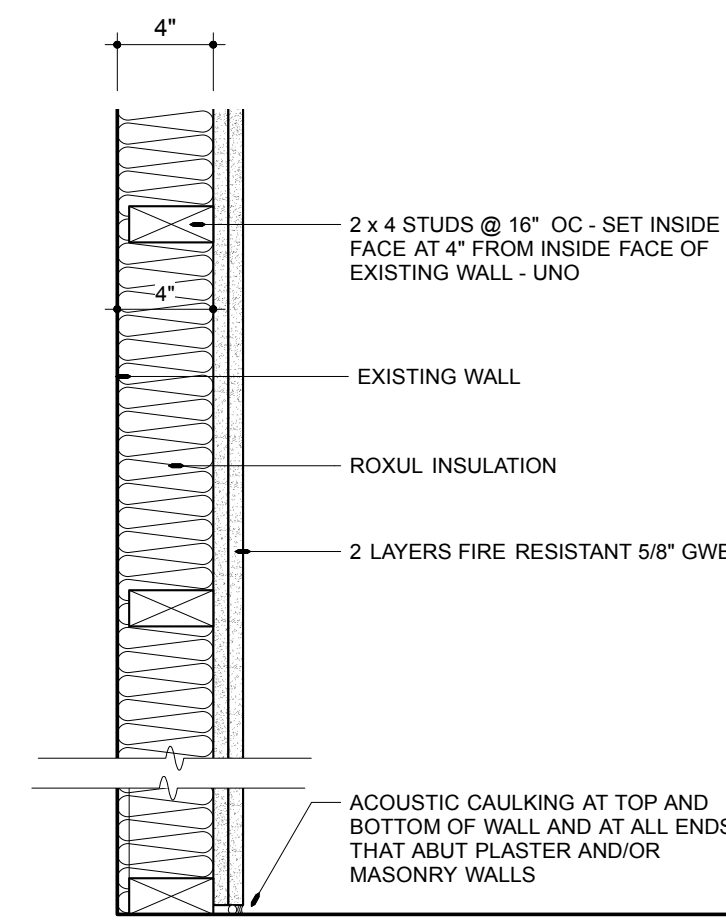


**ELEVATOR SHAFT WALL**  
Scale: 1 1/2" = 1'-0"

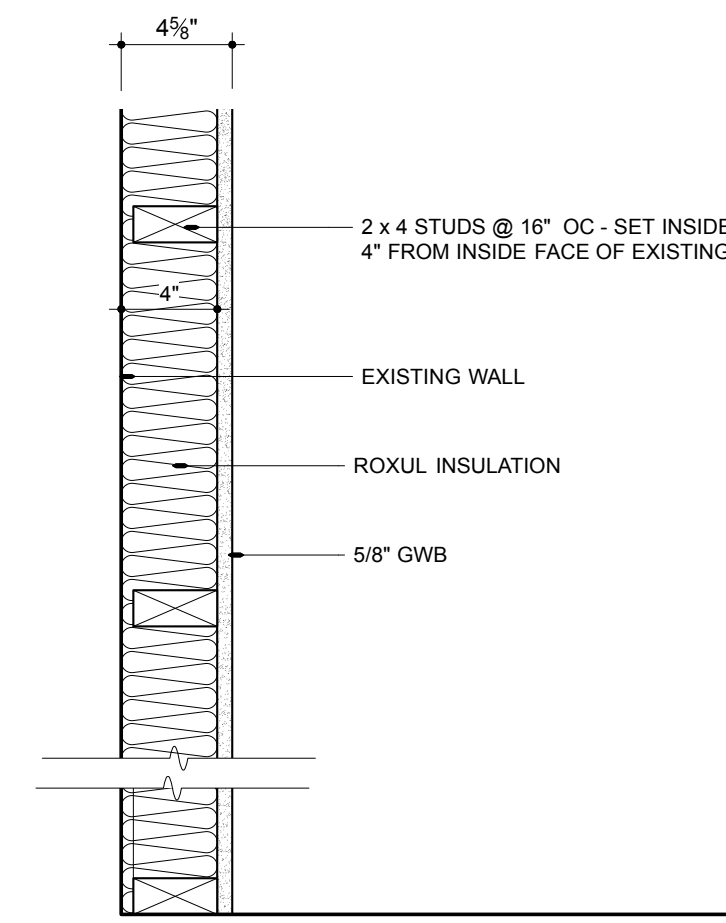
**SHAFT WALL - 4"**  
Scale: 1 1/2" = 1'-0"

**SHAFT WALL - 2 1/2"**  
Scale: 1 1/2" = 1'-0"

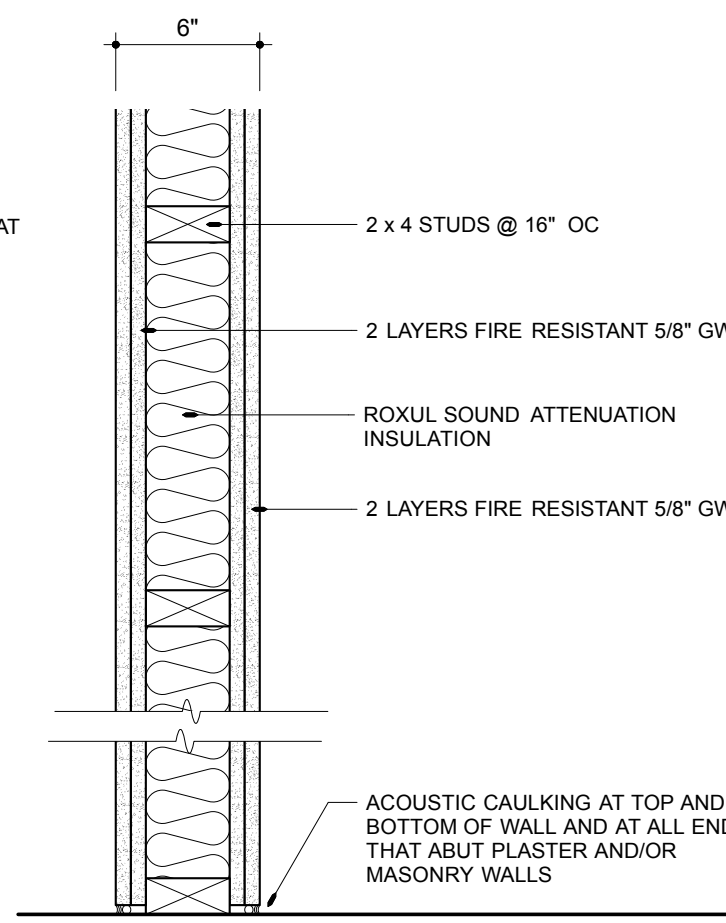
**CHASE WALL**  
Scale: 1 1/2" = 1'-0"



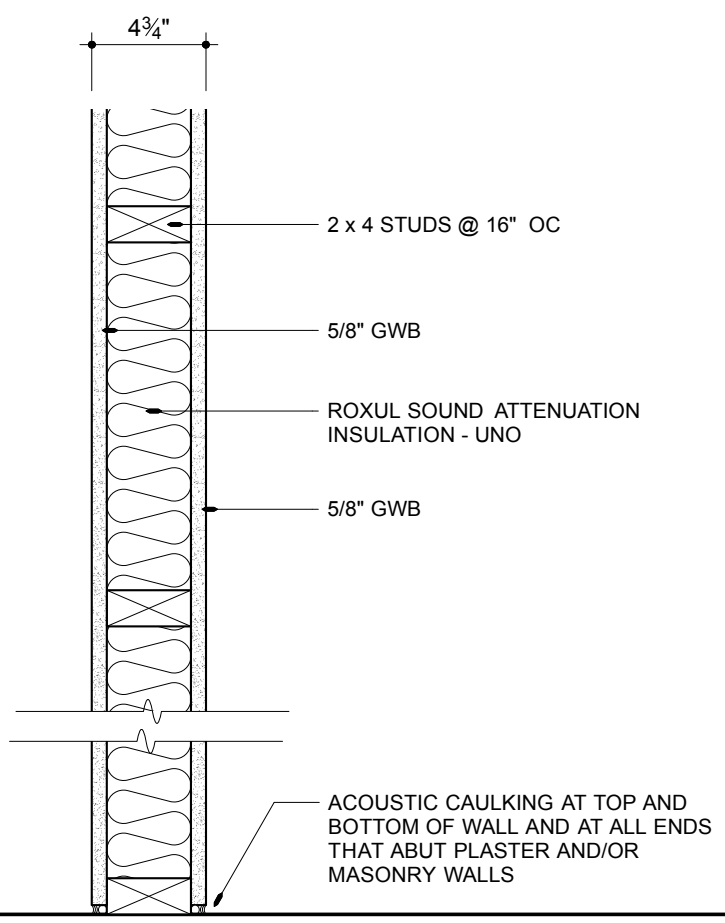
**MACHINE ROOM WALL**  
Scale: 1 1/2" = 1'-0"



**INSULATED INNER WALL**  
Scale: 1 1/2" = 1'-0"



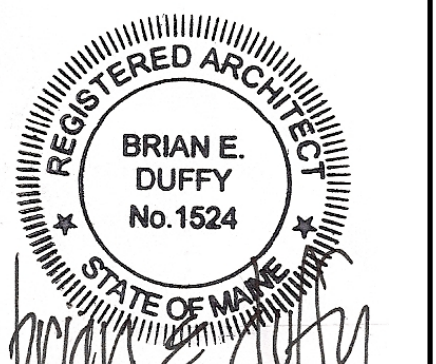
**2 HOUR PARTITION**  
Scale: 1 1/2" = 1'-0"



**TYPICAL PARTITION**  
Scale: 1 1/2" = 1'-0"

**PARTITION TYPES**  
Scale: 1 1/2" = 1'-0"

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RENOVATIONS TO:  
**SPRINGER'S  
JEWELERS**  
580 CONGRESS STREET  
PORTLAND, MAINE

date: APRIL 27, 2012

drawn by: WJT

scale: AS NOTED

sheet title:  
**DOORS  
WINDOWS &  
PARTITION  
TYPES**

sheet:

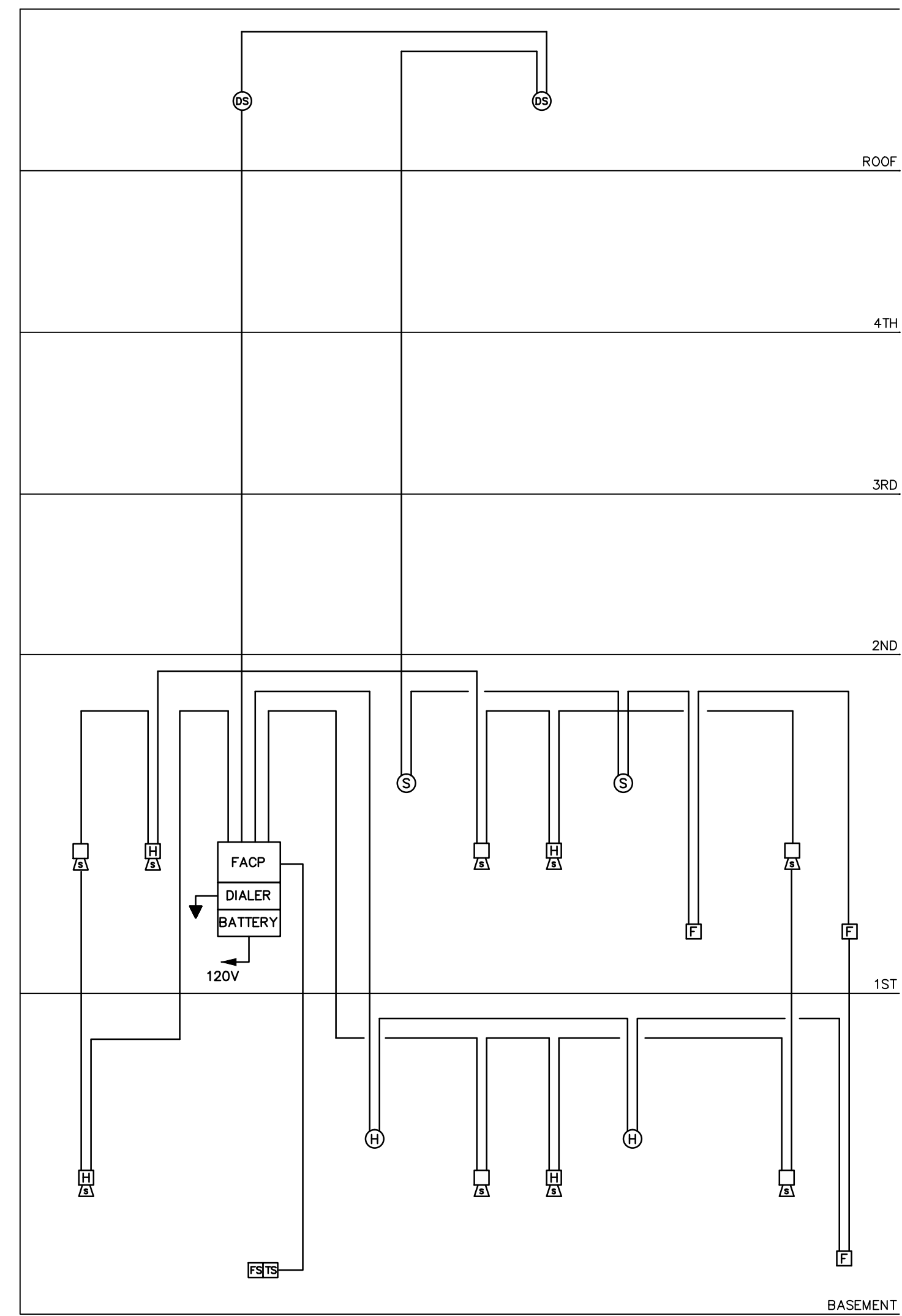
**A-104**

ELECTRICAL SYMBOLS & INSTRUCTIONS	
[XXX]	ROOM NUMBER.
(X)	KEYED NOTE, SEE NOTE OF SAME LETTER ON SHEET.
(X) X	DETAIL DESIGNATION: UPPER FIELD IS DETAIL IDENTIFIER, LOWER FIELD IS SHEET NUMBER WHERE DETAIL IS SHOWN.
[---]	INDICATES EXISTING DEVICE OR ITEM.
---	BRANCH CIRCUIT WIRING CONCEALED IN CEILING OR WALL.
---	BRANCH CIRCUIT WIRING CONCEALED IN FLOOR.
---	EXPOSED WIRING.
---	MULTI-CONDUCTOR BRANCH CIRCUIT, NO. OF HASHMARKS IS NO. OF CIRCUIT CONDUCTORS, WITHOUT HASHMARKS TWO CIRCUIT CONDUCTORS. ALL CIRCUITS TO INCLUDE SEPARATE GREEN GROUNDING CONDUCTOR. FOR FLUORESCENT LIGHTING CIRCUITS, INCREASE NEUTRAL CONDUCTOR 1 SIZE OVER PHASE CONDUCTORS (#10 AWG FOR 20A CIRCUIT)
---	HOMERUN TO CIRCUIT AND PANELBOARD INDICATED, NO. OF ARROWS IS NO. OF PHASE WIRES, NO. OF HASHMARKS INDICATE NO. OF CIRCUIT CONDUCTORS.
---	DIRECTIVE ARROW.
---	CIRCUIT BREAKER.
---	GROUND.
[ ] [ ] [ ]	JUNCTION BOX, SPICE BOX AND PULL BOX.
[ ]	FLUORESCENT LIGHTING FIXTURE & OUTLET, UPPER CASE LETTER TYPE, LOWER CASE LETTER IS CONTROL GROUP, RECTANGLES INDICATE NO. OF SECTIONS. SEE LIGHTING FIXTURE SCHEDULE FOR TYPES AND MOUNTING.
[ ]	CEILING MOUNTED LIGHTING FIXTURE, LETTER SUBSCRIPTS AS ABOVE.
[ ]	WALL MOUNTED LIGHTING FIXTURE, LETTER SUBSCRIPTS AS ABOVE.
[ ]	WALL MOUNT AND CEILING MOUNT EXIT LIGHTS. SEE FIXTURE SCHEDULE FOR TYPE(S).
[ ]	EMERGENCY LIGHTING BATTERY UNIT WITH LIGHTING HEADS AS NOTED. SEE FIXTURE SCHEDULE FOR TYPE(S).
[ ]	SPST FLUSH WALL SWITCH 4'-0" UP ON CENTER ADJUSTED TO MINIMUM CUT OFF BLOCK OR TILE, LOWER CASE LETTER IS CONTROL GROUP, WITH "H" 6' ABOVE FLOOR, WITH "P" PILOT LIGHT.
[ ]	120/208 VOLT PANELBOARD, FLUSH MOUNTED AND SURFACE MOUNTED.
[ ]	UNIVERSAL PANEL OR CABINET, FLUSH MOUNTED AND SURFACE MOUNTED.
[ ]	MOTOR OF SIZE SHOWN, WITH "P" FRACTIONAL HORSEPOWER MOTOR BELOW 1/20 HP OR 100 WATTS.
[ ]	UTILITY POWER METER, MOUNT 5'-0" UP.
[ ]	DUPLEX GROUNDED POLARIZED 120 VOLT THREE-WIRE CONVENIENCE OUTLET 1'-6" UP VERTICALLY, WITH "U" 4'-0" AFF OR 0'-6" ABOVE COUNTER, ADJUST TO MINIMUM CUT OFF BLOCK OR TILE, LETTER IS CIRCUIT GROUP, WITH "WP" WEATHERPROOF, WITH "G" FOR GROUND FAULT PROTECTED BY GFCI RECEPTACLE OR CIRCUIT BREAKER LOCATED UPSTREAM, WITH "H" MOUNT 7'-6" UP OR AS NOTED.
[ ]	GROUND FAULT CIRCUIT INTERRUPTING (GFCI) DUPLEX RECEPTACLE, 120 VOLT THREE-WIRE 20 AMP, SUBSCRIPTS AND MOUNTING AS ABOVE.
[ ]	EQUIPMENT CONNECTION.
[ ]	SINGLE THROW HEAVY DUTY FUSED DISCONNECT SWITCH, NO. OF POLES AND SIZE AS REQUIRED FOR THE LOAD, "NF" NON FUSED, "WP" WEATHERPROOF.
[ ]	TELEPHONE OUTLET 1'-6" AFF, QUANTITY AS NOTED, WITH "W" 4'-0" AFF, WITH "P" FOR PAY TELEPHONE 4'-0" AFF, WITH "U" 0'-6" ABOVE COUNTER.
[ ]	COMPUTER DATA OUTLET 1'-6" AFF, WITH "U" 0'-6" ABOVE COUNTER, QUANTITY AS NOTED.
[ ]	COMBINATION TELEPHONE AND COMPUTER DATA OUTLET 1'-6" AFF, WITH "U" 0'-6" ABOVE COUNTER, QUANTITY AS NOTED.
[ ]	FIRE ALARM CONTROL PANEL.
[ ]	FIRE ALARM AUDIO/VISUAL ALARM, 6'-8" AFF.
[ ]	FIRE ALARM VISUAL ALARM, 6'-8" AFF.
[ ]	FIRE ALARM MANUAL PULL STATION 4'-0" AFF.
[ ]	FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED UNLESS NOTED OTHERWISE.
[ ]	MAGNETIC DOOR STRIKE.

**ABBREVIATIONS**

A	AMPERES	ELEV	ELEVATION, ELEVATOR	NIC	NOT IN CONTRACT
AFF	ABOVE FINISHED FLOOR	EMERG	EMERGENCY	NID	NETWORK INTERFACE DEMARCATION
AFG	ABOVE FINISHED GRADE	EMT	ELECTRICAL METALLIC TUBING	NO	NUMBER
ATS	AUTOMATIC TRANSFER SWITCH	EQUIP	EQUIPMENT	OC	ON CENTER
BATT	BATTERY	EXIST'G	EXISTING	PNL	PANEL, PANEL BOARD
BKR	BREAKER	EXT	EXTERIOR	PVC	POLYVINYL CHLORIDE
BLDG	BUILDING	FA	FIRE ALARM	PWR	POWER
C.C	CONDUIT, CONDUCTOR	FACP	FIRE ALARM CONTROL PANEL	R	REMOVE
C.B	CIRCUIT BREAKER	FIN	FINISH, FINISHED	RECEP	RECEPTACLE
CKT	CIRCUIT	FLR	FLOOR	RL	RELOCATE
CLG	CEILING	GND	GROUND	RSC	RIGID STEEL CONDUIT
C.M.P.	CENTRAL MAINE POWER CO.	HP	HORSEPOWER, HEAT PUMP	SW	SWITCH
CT	CURRENT TRANSFORMER	J-BOX	JUNCTION BOX	TEL	TELEPHONE
DISTRIB	DISTRIBUTION	KVA	KILO VOLT AMPS	TRANS	TRANSFORMER
DN	DOWN	KW	KILOWATT(S)	TYP	TYPICAL
DWG	DRAWING	LGT	LIGHT	UG	UNDERGROUND
E	EXISTING	LTG	LIGHTING	V	VOLTS
EC	ELECTRICAL CONTRACTOR	MAX	MAXIMUM	W	WATTS
ER	EXISTING REPLACE	MIN	MINIMUM	WM	WIREMOLD
ELECT	ELECTRIC, ELECTRICAL	N	NEW	WP	WEATHERPROOF
				W/W	WIREWAY

LIGHTING FIXTURE & LAMPING SCHEDULE					
TYPE	DESCRIPTION	VOLTS	VA	MOUNTING & INSTRUCTIONS	LAMPING
A	INDY LIGHTING CAT# CBV-126/42T-C600-42-CL-WH 6" VERTICAL CFL DOWNLIGHT, OPEN CLEAR REFLECTOR, LOW IRRIDESCENT SPECULAR ALZAK FINISH, WHITE FLANGE, w/#HB-28 28" C-CHANNEL BAR HANGERS (PAIR), ELECTRONIC BALLAST	120		RECESS IN GWB CEILING	1-42W CF
B	INDY LIGHTING CAT# A6-P600-P38-CL-WH 6" VERTICAL PAR DOWNLIGHT, OPEN CLEAR REFLECTOR, SPECULAR ALZAK FINISH, WHITE FLANGE, w/#HB-28 28" C-CHANNEL BAR HANGERS (PAIR), ELECTRONIC BALLAST	120		RECESS IN GWB CEILING	TBD
B1	INDY LIGHTING CAT# A6-P600-P38-CL-WH, SAME AS TYPE B	120		RECESS IN GWB CEILING	TBD
B2	INDY LIGHTING CAT# A6-P600-P38-CL-WH, SAME AS TYPE B	120		RECESS IN GWB CEILING	TBD
C	SPECTRUM LIGHTING CAT# SPC08120F-42-EX-8115SF-SM-MW 8" OPEN CYLINDER DOWNLIGHT, 1L 42W, SOFT GLOW ALZAK REFLECTOR, MATTE WHITE FINISH, ELECTRONIC BALLAST	120		SURFACE MOUNT TO GWB CEILING	1-42W CF
D/D1 TRACK	CON-TECH LIGHTING ODYSSEY LINE VOLTAGE FLEXIBLE TRACK SYSTEM, w/#LR879 CABLE CEILING CONNECTOR AND #LR42788 ROUND CANOPY & POWER SUPPLY CORD, INCLUDE ALL ADDITIONAL PARTS NECESSARY TO PROVIDE A COMPLETE SYSTEM	120			
D	CON-TECH LIGHTING CAT# LR2830 TRACK HEAD, SILVER FINISH	120			TBD
D1	CON-TECH LIGHTING CAT# LR2830 TRACK HEAD, SILVER FINISH	120			TBD
E	COOPER CAT# SML-2-5475-UNV-EBT 4' STAGGERED STRIPLIGHT, 2L TSHO, ELECTRONIC BALLAST	120		MOUNT IN COVE	FP54/841
F	COOPER CAT# SML-2-3975-UNV-EBT 3' STAGGERED STRIPLIGHT, 2L TSHO, ELECTRONIC BALLAST	120		MOUNT IN COVE	FP39/841
F2	AMERLUX CAT# CYLRTX-2-20-MM-E-BT-120-CL-SN MULTIPLE TRIMLESS EXTRUDED DISPLAY DOWNLIGHTS, 12 DEGREE SPOT (EACH LAMP), BLACK TEXTURE FINISH, ELECTRONIC BALLAST, w/SNOOT	120		RECESS IN GWB CEILING	2-CDM20/TM/830
F10	AMERLUX CAT# E2.9RATL-20-MM-120-CL + E2.94ATL-SDC	120		RECESS IN GWB CEILING	CDM20/TM/830
G	COOPER CAT# SML-2-2475-UNV-EBT 2' STAGGERED STRIPLIGHT, 2L TSHO, ELECTRONIC BALLAST	120		MOUNT IN COVE	FP24/841
H	COOPER CAT# SM-2-2475-UNV-EBT 2' STRIPLIGHT, 2L TSHO, ELECTRONIC BALLAST	120		MOUNT IN COVE	FP24/841
K	LIGHTING SUPPLIED BY ROLEX				
L	SCONCE (TBD)	120		WALL MOUNT	TBD
[ ]	ENCORE LIGHTING CAT# OX-16-RC LED EXIT SIGN/EGRESS LIGHT COMBO UNIT, EDGELIT, RECESSED LED EGRESS DOWNLIGHTS, RECESSED STEEL HOUSING, NICAD BATTERIES, TRIM FINISH TBD	120		RECESS IN GWB CEILING	LEDS INCLUDED
[ ]	ENCORE LIGHTING CAT# 6ELPQ27-2 LOW PROFILE EMERGENCY EGRESS LIGHTING UNIT, 6V 27W, STEEL HOUSING, TWO HEADS, 90 MINUTE BATTERY OUTPUT, WHITE FINISH	120		WALL MOUNT 0'-6" BELOW CEILING	6V/12W PER HEAD (INCLUDED)

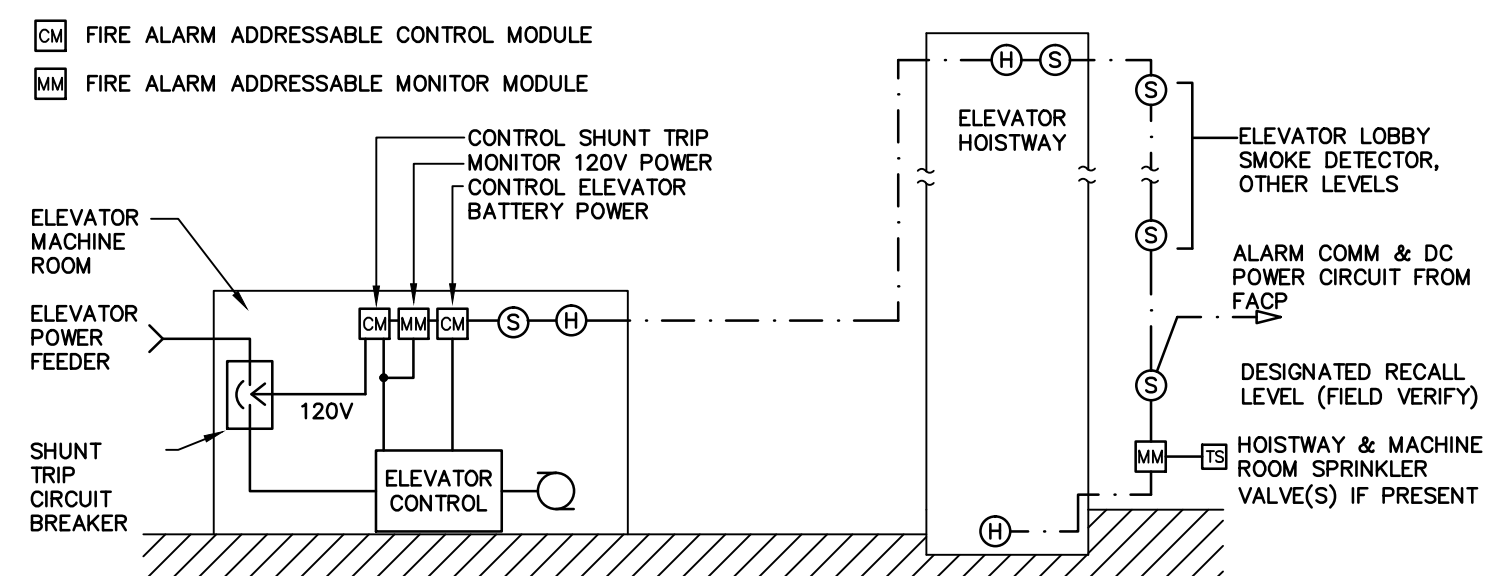


**FIRE ALARM RISER DIAGRAM**  
NO SCALE

**FIRE ALARM NOTES:**

1. DIAGRAM DENOTES GENERAL ARRANGEMENT OF DEVICES AND TYPICAL SCHEMATIC WIRING. SEE FLOOR PLAN DRAWINGS FOR ACTUAL QUANTITIES AND LOCATIONS OF DEVICES.
2. PROVIDE ALL NECESSARY SYSTEM CARDS, POWER EXTENDER MODULES, POWER SUPPLIES, ENCLOSURES, AND INTERFACE MODULES NECESSARY FOR A COMPLETE AND FUNCTIONING SYSTEM.
3. PROVIDE SMOKE DETECTOR PROTECTION AT ALL FIRE ALARM EQUIPMENT LOCATIONS (NOT SHOWN ON PLANS).
4. PROVIDE SCREW SET LOCK ON DEVICES FOR ALL CIRCUIT BREAKERS SUPPLYING FIRE ALARM EQUIPMENT.
5. UPON FIRE ALARM CONTROL PANEL ACTIVATION, RELEASE DOOR HOLDERS.

**LEGEND**

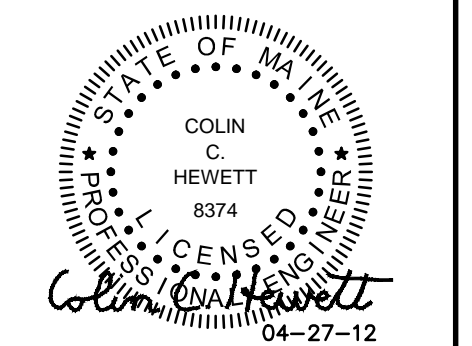


- NOTES:**
1. PROVIDE CONDUITS FOR FUTURE ELEVATOR.

**ELEVATOR WIRING DIAGRAM**  
NO SCALE

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PLOT DATE: Apr 27, 2012



RENOVATIONS TO:  
**SPRINGER'S JEWELERS**  
580 CONGRESS STREET  
PORTLAND, MAINE

date: APRIL 27, 2012

drawn by: CCH/ELH

scale: AS NOTED

sheet title:  
**ELECTRICAL SYMBOLS LIST AND DETAILS**

sheet:

**E0.0**

### LIGHTING RELAY/CONTROL SCHEDULE

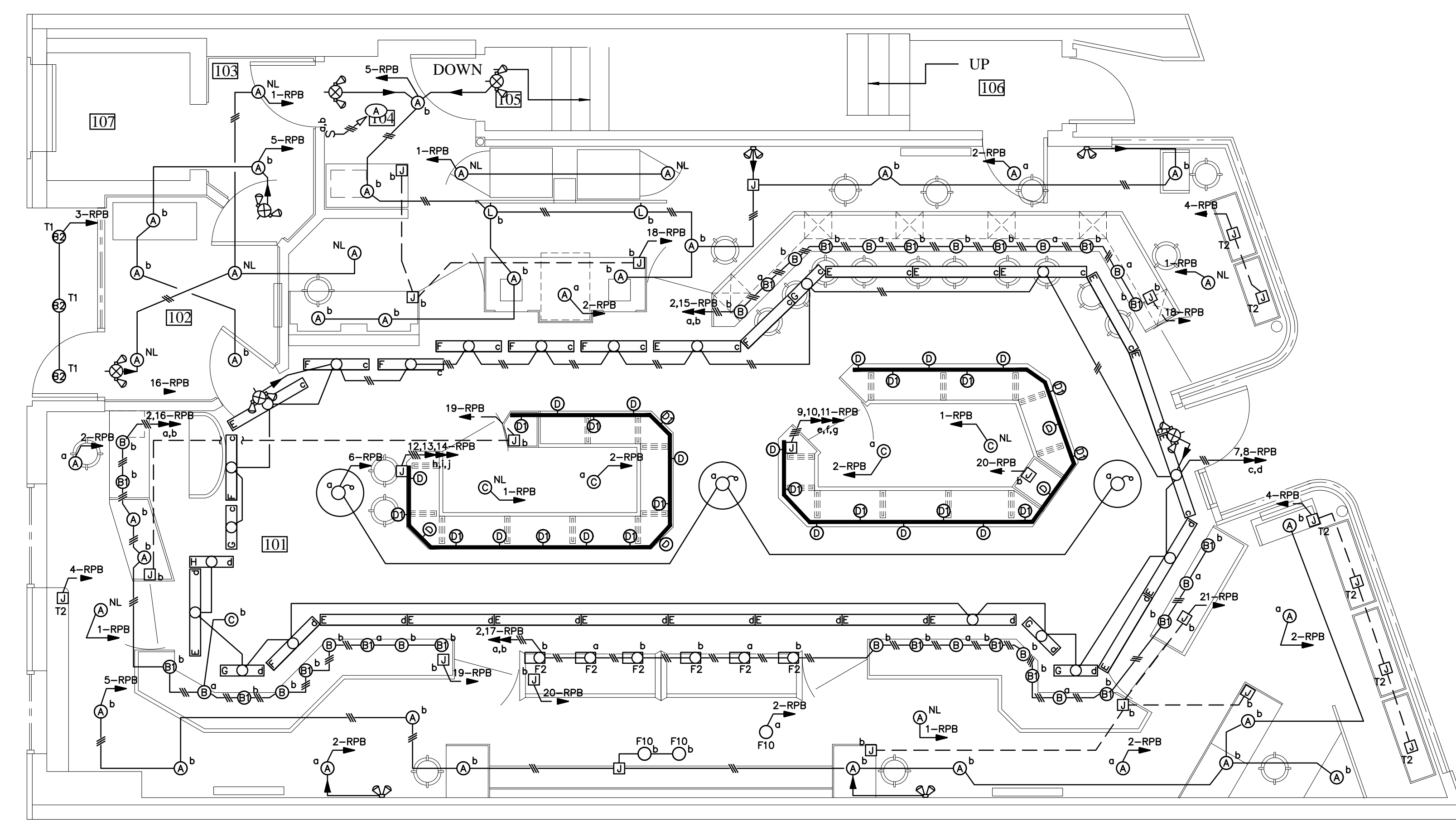
LIGHTING CONTROL PANEL	RELAY	LOAD SERVED	CKT VA	PANEL CKT	CONTROL TIME CLOCK		LOCAL SWITCH	REMARKS
					ON	OFF		
RPB	1	NIGHTLIGHTS	550	1-B1	-	-	-	-
RPB	2	SET UP / CLEAN UP	1000	24-B1	-	-	-	-
RPB	3	EXTERIOR ENTRY LIGHTS	240	3-B1	X	X	-	-
RPB	4	WINDOW DISPLAY CASE LED LIGHTS	200	5-B1	X	X	-	-
RPB	5	STORE DOWNLIGHTS/SCONCES	1380	15-B1	-	-	b	-
RPB	6	CHANDELIERS	1200	17-B1	-	-	a	-
RPB	7	COVE LIGHTS (c)	840	2-B1	-	-	b	-
RPB	8	COVE LIGHTS (d)	825	4-B1	-	-	b	-
RPB	9	DISPLAY TRACK (e)	1550	6-B1	-	-	b	-
RPB	10	DISPLAY TRACK (f)	1550	8-B1	-	-	b	-
RPB	11	DISPLAY TRACK (g)	1550	10-B1	-	-	b	-
RPB	12	DISPLAY TRACK (h)	1400	12-B1	-	-	b	-
RPB	13	DISPLAY TRACK (i)	1400	14-B1	-	-	b	-
RPB	14	DISPLAY TRACK (j)	1400	16-B1	-	-	b	-
RPB	15	DISPLAY DOWNLIGHTS	760	18-B1	-	-	b	-
RPB	16	DISPLAY DOWNLIGHTS	930	20-B1	-	-	b	-
RPB	17	DISPLAY DOWNLIGHTS	1110	22-B1	-	-	b	-
RPB	18	DISPLAY LEDES	261	7-B1	-	-	b	-
RPB	19	DISPLAY LEDES	342	9-B1	-	-	b	-
RPB	20	DISPLAY LEDES	282	11-B1	-	-	b	-
RPB	21	DISPLAY LEDES	300	13-B1	-	-	b	-
RPB	22	SPARE	-	-	-	-	-	-
RPB	23	SPARE	-	-	-	-	-	-
RPB	24	SPARE	-	-	-	-	-	-

#### GENERAL NOTES

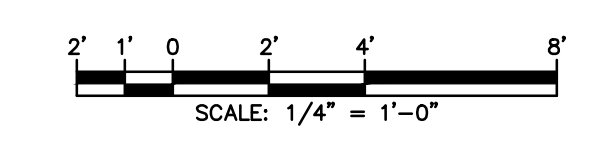
- THIS PLAN HAS BEEN COMPILED FROM FIELD OBSERVATIONS. FIELD VERIFY ALL CONDITIONS AND OBSERVE NECESSARY SAFETY PRECAUTIONS BEFORE DOING ANY WORK.
- RUN SURFACE WIRING AS INCONSPICUOUS AS POSSIBLE, IN WALL AND CEILING CORNERS WHERE POSSIBLE, AS INDICATED.
- DEVICES WITH CONTINUOUS LINETYPE ——— INDICATE NEW UNLESS OTHERWISE INDICATED.
- DEVICES WITH DASHED LINETYPE - - - - - INDICATE EXISTING TO REMAIN UNLESS OTHERWISE INDICATED.
- DEVICES WITH HIDDEN LINETYPE - - - - - INDICATE REMOVE UNLESS OTHERWISE INDICATED.
- IN EVENT ANY UNSAFE WIRING IS ENCOUNTERED, IMMEDIATELY NOTIFY ENGINEER FOR CORRECTIVE ACTION.
- PROVIDE OWNER 3 DAYS NOTICE OF ANY POWER OUTAGES.

#### KEYED NOTES

- (A) WIRE LOW VOLTAGE 2-BUTTON SWITCH TO LIGHTING RELAY PANEL "RPB" IN BASEMENT.

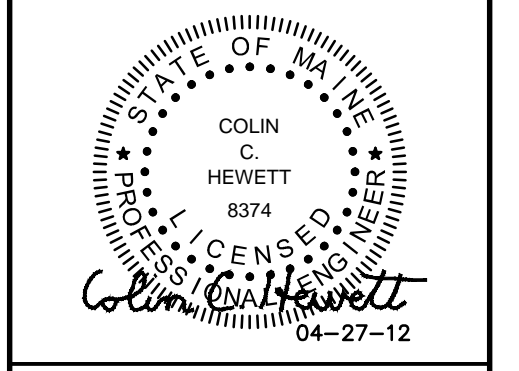


**1ST FLOOR LIGHTING PLAN**  
SCALE: 1/4" = 1'-0"



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RENOVATIONS TO:  
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580 CONGRESS STREET  
PORTLAND, MAINE

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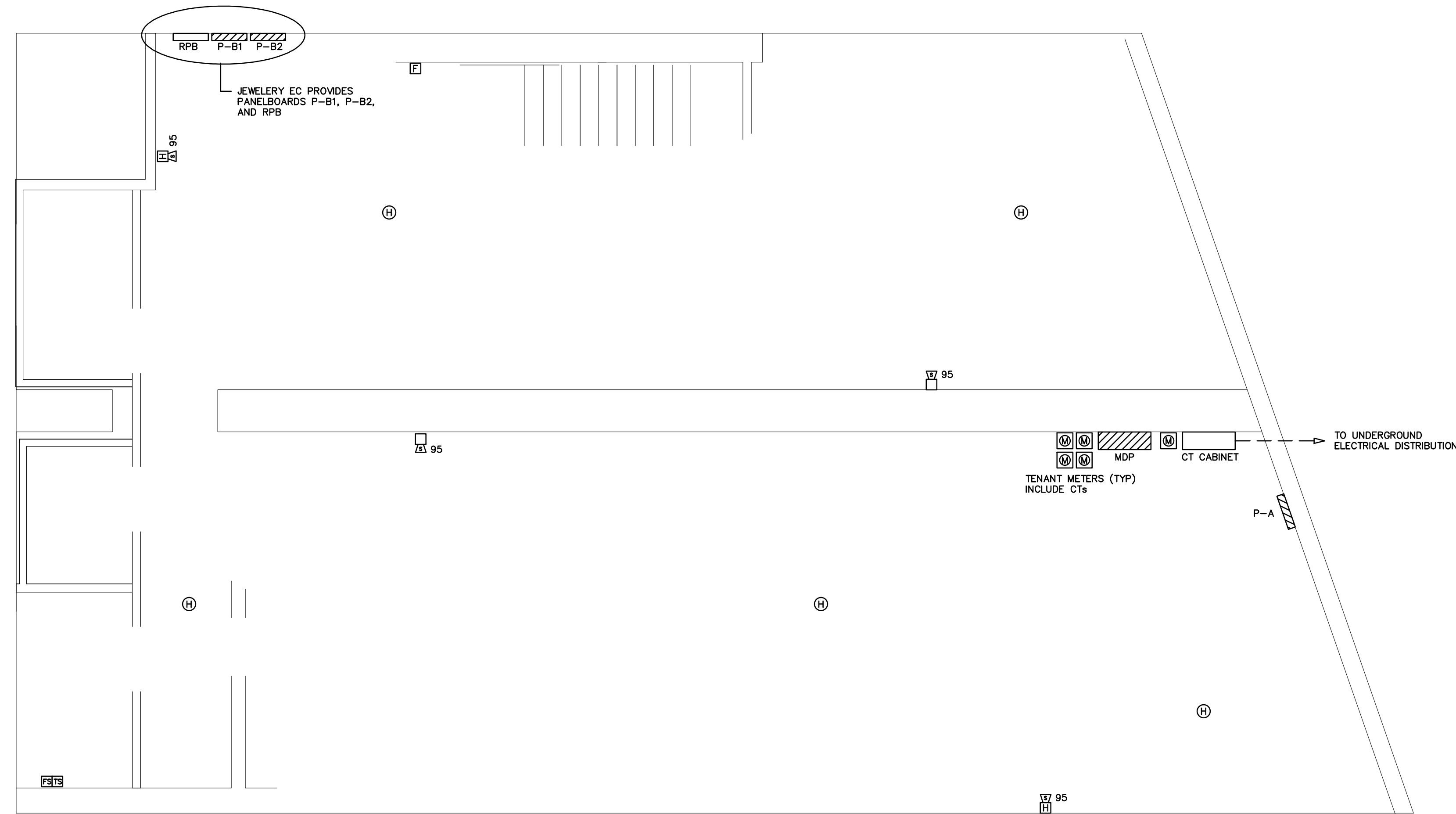
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**1ST FLOOR LIGHTING PLAN**

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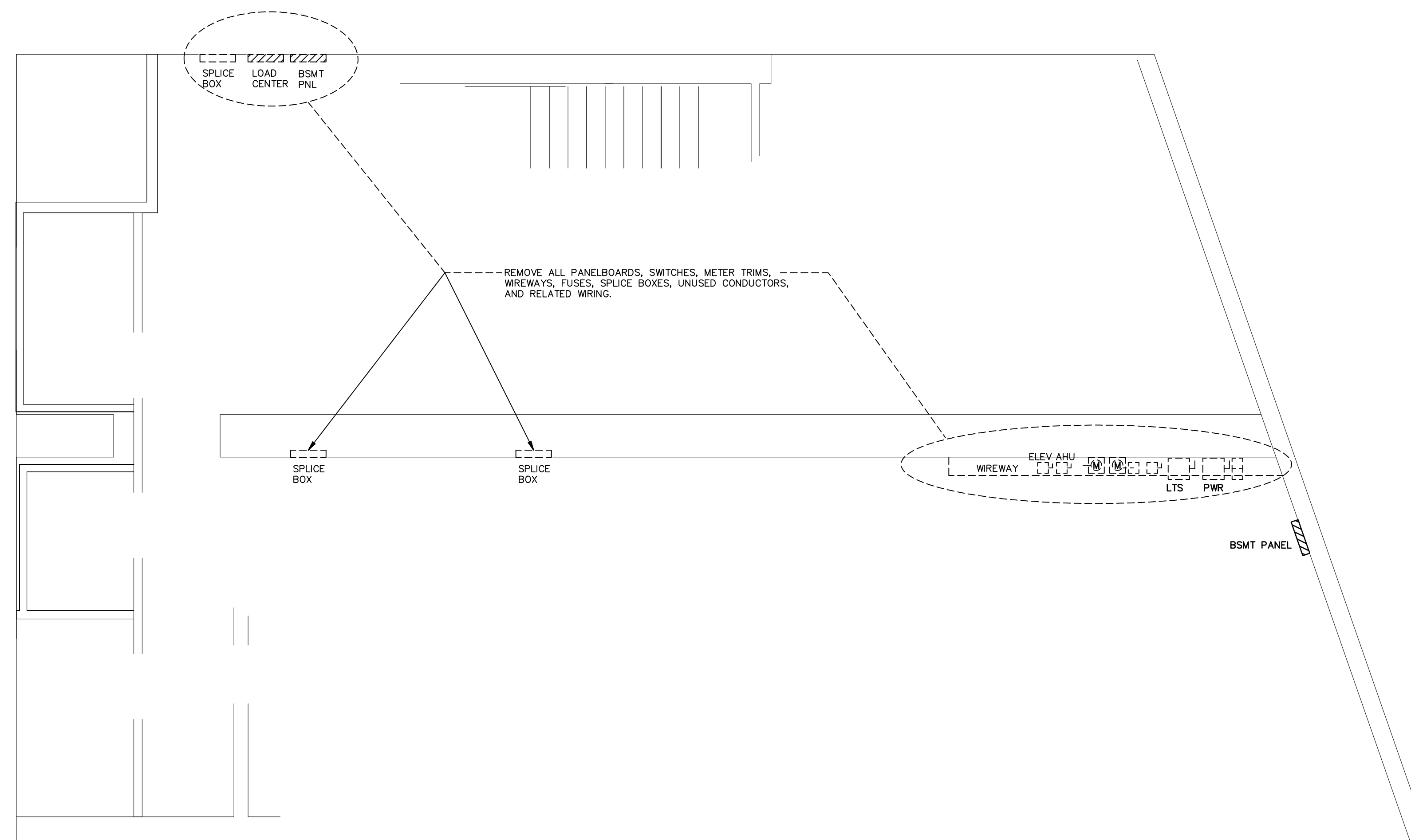
**E1.1**

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**BASEMENT POWER PLAN**

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



**BASEMENT DEMOLITION PLAN**

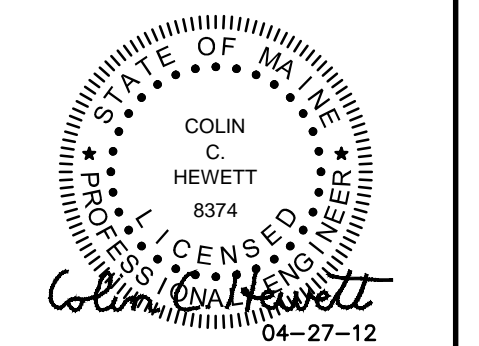
SCALE: 1/4" = 1'-0"

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7. PROVIDE OWNER 3 DAYS NOTICE OF ANY POWER OUTAGES.

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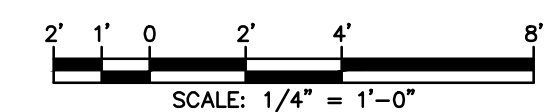
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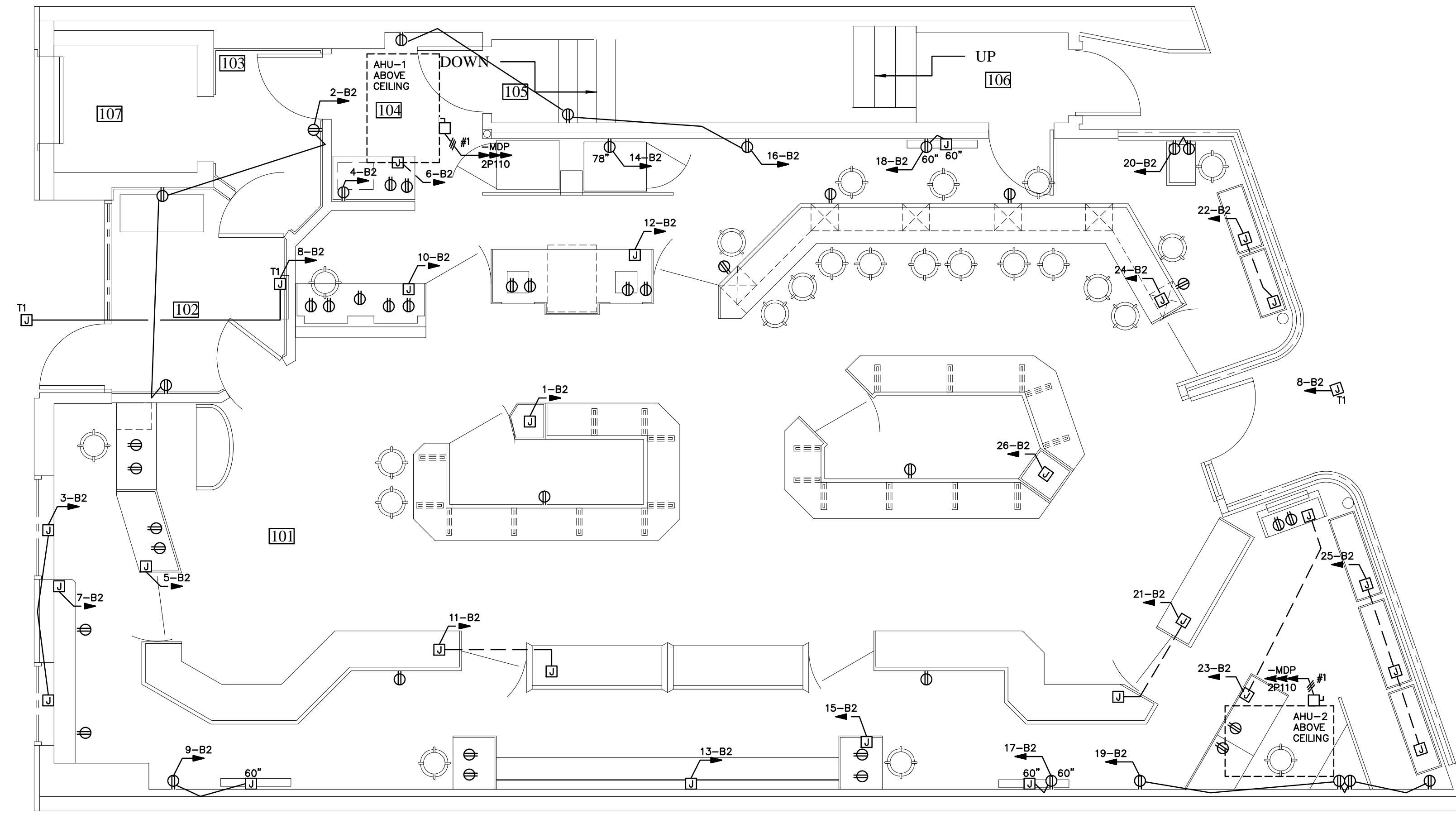
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**BASEMENT  
POWER PLANS**

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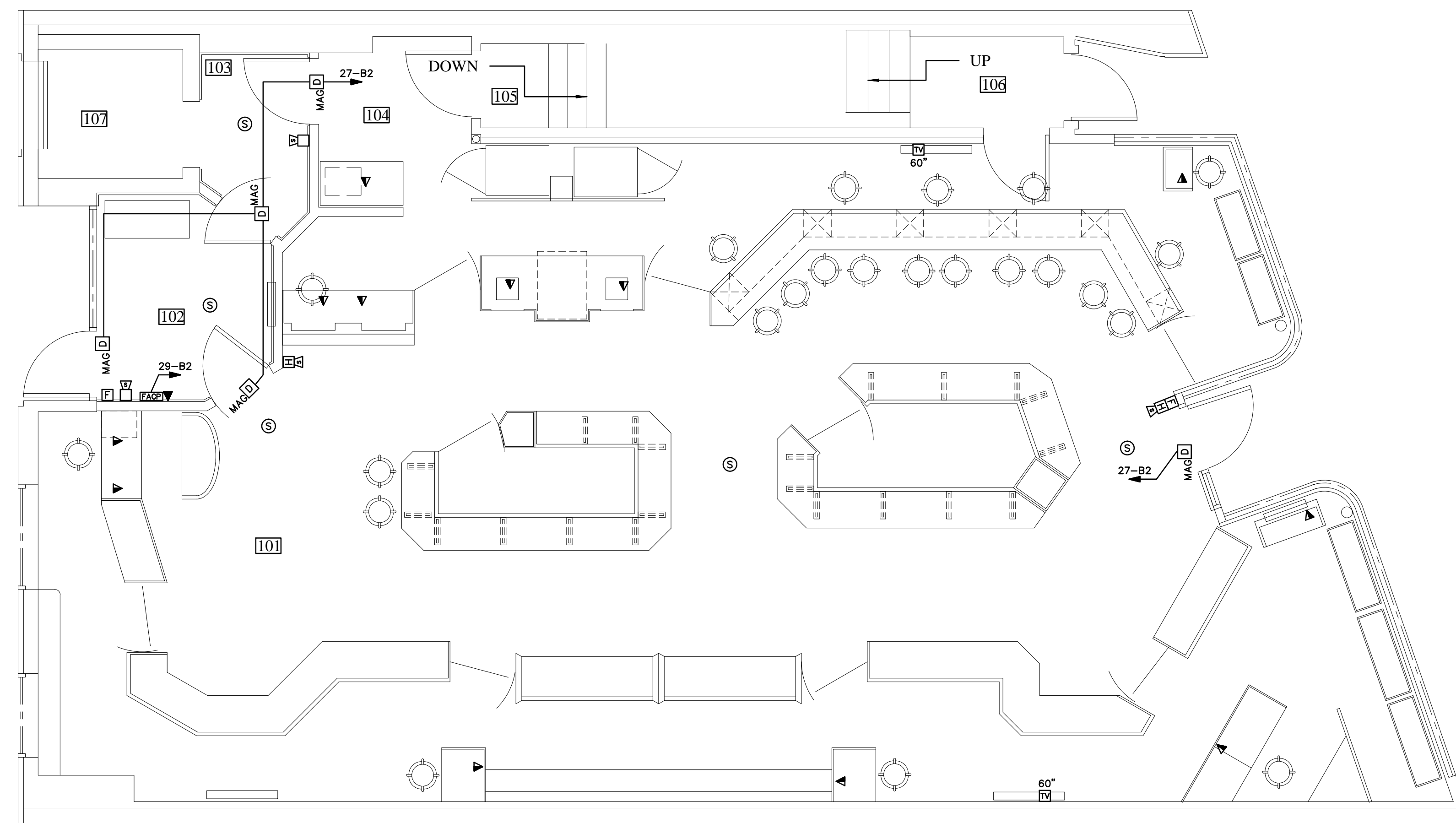
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**1ST FLOOR POWER PLAN**

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



**1ST FLOOR SYSTEMS PLAN**

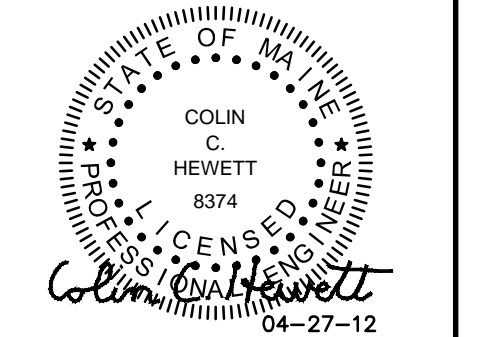
SCALE: 1/4" = 1'-0"

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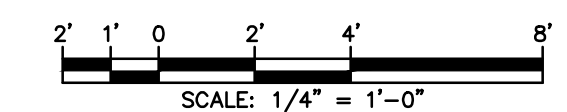
drawn by: CCH/ELH

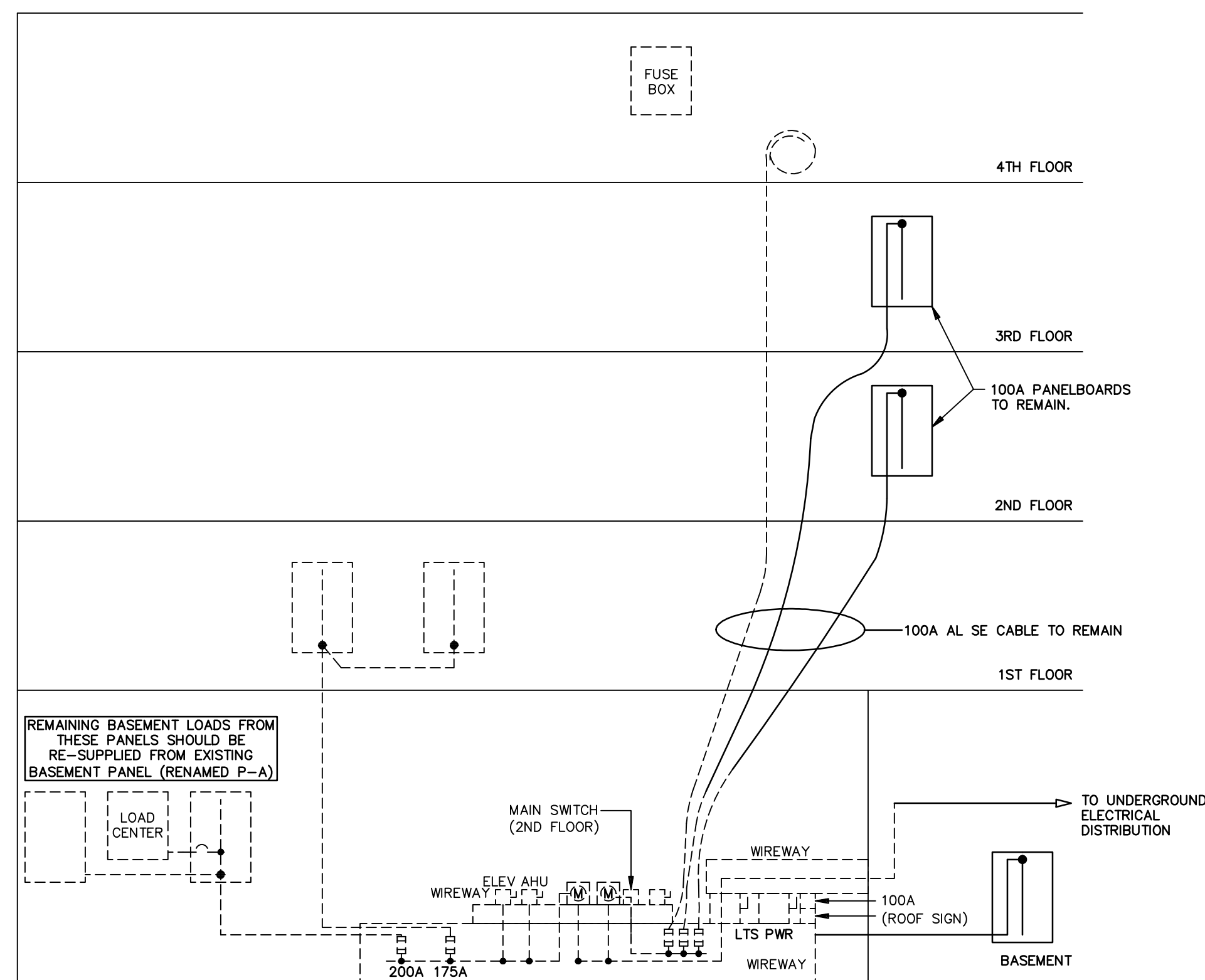
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**1ST FLOOR  
POWER AND  
SYSTEMS PLANS**

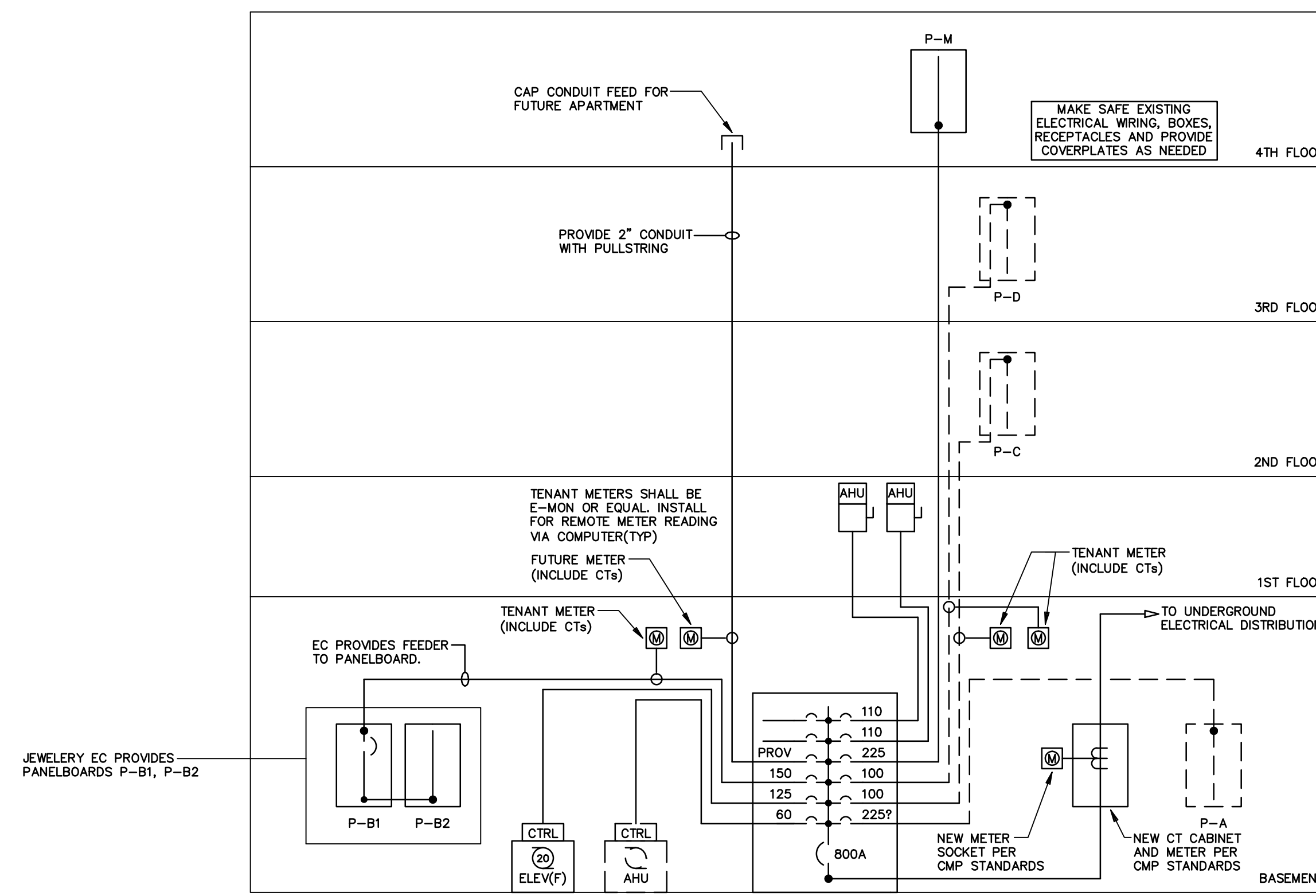
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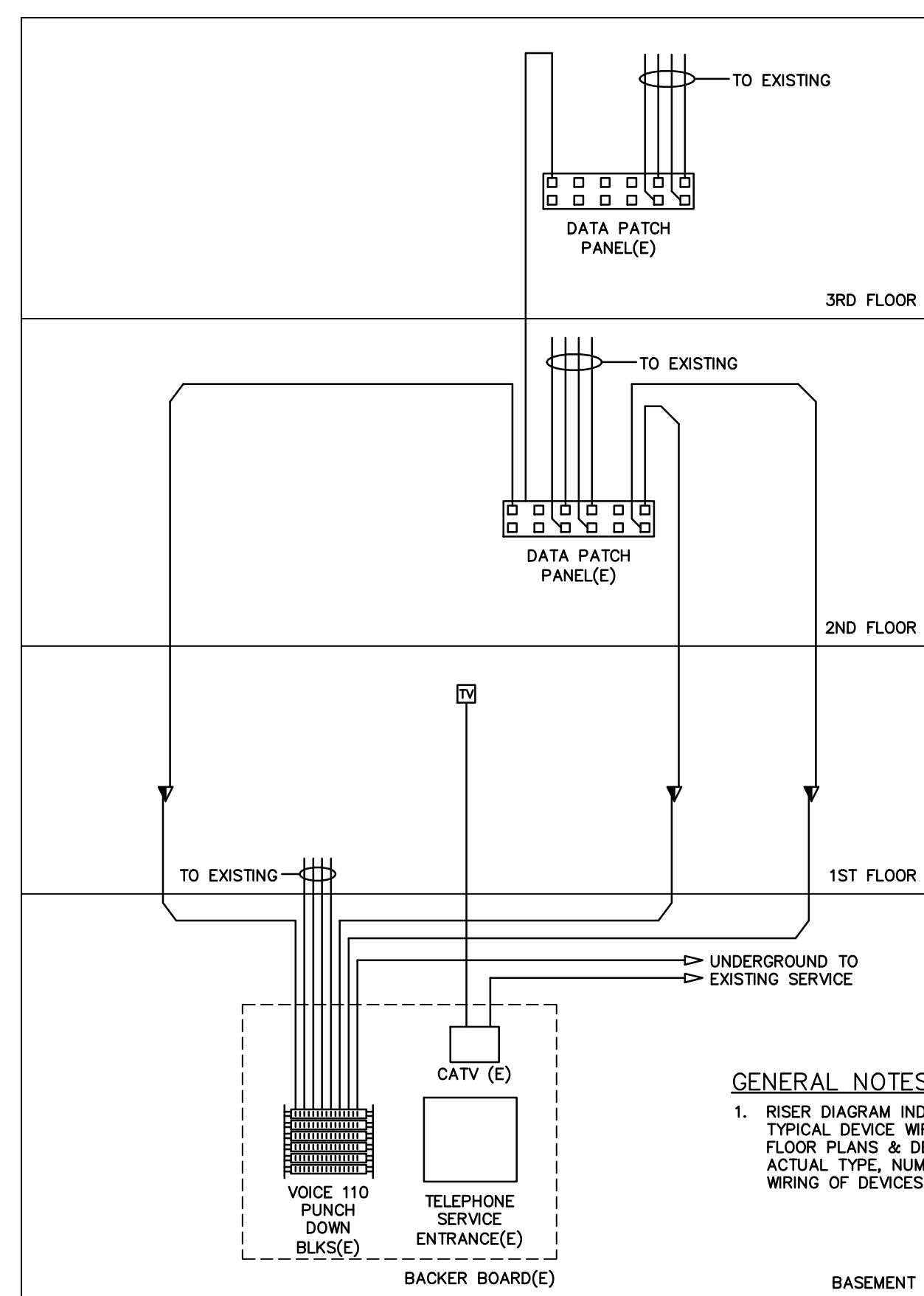




**EXISTING ELECTRICAL RISER DIAGRAM**  
SCALE: NO SCALE



**ELECTRICAL RISER DIAGRAM - REVISED**  
SCALE: NO SCALE



**TELEPHONE/DATA RISER DIAGRAM**  
NOT TO SCALE

ID <u>MDP</u> SWITCHBOARD SCHEDULE											
MAINS				OVER CURRENT PROTECT.		SUPPLY FEEDERS				NOTES	
BUS	ENTRY	PHASE	WIRE	VOLTS	SUB/THRU FEED LUGS	ID TAG	NO. WIRES	SIZE WIRE	INSUL'N	CONDUIT	
800A	CB	3	4	208/120	-	F-MDP	8	500MCM	XHHW	2-4"	①

OVERCURRENT DEVICES				LOAD SERVED		NOTES	
NO.	CB SIZE	SW SIZE	FUSE SIZE				
1	100	-	-		PROVISION		
2	125	-	-		PROVISION		
3	225	-	-		PROVISION		
4	150	-	-		PANELBOARDS P-B1 & P-B2		
5	125	-	-		ELEVATOR (FUTURE)		
6	60	-	-		AHU (EXISTING)		
7	110	-	-		AHU (NEW)		
8	110	-	-		AHU (NEW)		
9	225	-	-		PANELBOARD P-M		
10	100	-	-		PANELBOARD P-D (EXISTING)		
11	100	-	-		PANELBOARD P-C (EXISTING)		
12	225	-	-		PANELBOARD P-A (EXISTING)		
13	-	-	-				
14	-	-	-				
15	-	-	-				
16	-	-	-				

**MAIN SWITCHBOARD NOTES**

- ① FREE STANDING MAIN SWITCHBOARD, INDIVIDUALLY MOUNTED MAIN BREAKER TYPE PE SERIES, INCLUDE POWER LOGIC METER, FEEDER SECTION BREAKERS TO BE I-LINE MOUNTING, MINIMUM A.I.C. PER SPECIFICATION.

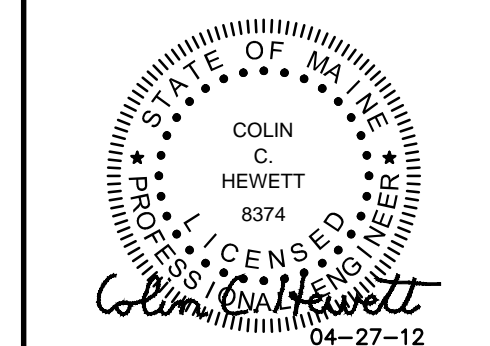
PANELBOARD & FEEDER SCHEDULE														
PANELBOARD		MAINS				OVER CURRENT PROTECT.		SUPPLY FEEDERS				NOTES		
ID TAG	MOUNT'G	BUS	ENTRY	PHASE	WIRE	VOLTS	SUB/THRU FEED LUGS	ID TAG	NO. WIRES	SIZE WIRE	INSUL'N	CONDUIT		
P-B1	SURF	BASEMENT	150A	CB	3	4	208/120	THRU	150A	F-B1	4	#1/0 THW	2"	①
P-B2	SURF	BASEMENT	150A	LUG	3	4	208/120	-	150A	F-B2	4	#1/0 THW	2"	①
P-M	FLUSH	4TH FLOOR	225A	LUG	3	4	208/120	-	225A	F-M	4	#4/0 THW	2 1/2"	①
AHU (E)	-	BASEMENT	60A	-	3	4	208/120	-	60A	F-AHU	4	#4 THW	1"	②
ELEV(FUT)	-	BASEMENT	125A	-	3	4	208/120	-	125A	F-ELEV	4	#1 THW	2"	③
AHU-1	-	1ST FLOOR CEILING	110A	-	1	3	208/120	-	110A	F-AHU1	3	#1 THW	1 1/2"	④
AHU-2	-	1ST FLOOR CEILING	110A	-	1	3	208/120	-	110A	F-AHU2	3	#1 THW	1 1/2"	④

**PANELBOARD & MISC EQUIPMENT NOTES**

- ① NODD PANELBOARD, BOLT-ON BREAKERS, MINIMUM GUTTERS 5" SIDES AND DEPTH, 8" FEED END, 10,000 A.I.C.
- ② PROVIDE TEMPORARY POWER FOR EXISTING AHU. UNIT WILL BE REMOVED WHEN NEW MECHANICAL SYSTEM IS OPERATIONAL. LABEL BREAKER "SPARE" FOLLOWING DEMO.
- ③ POWER FOR FUTURE ELEVATOR.
- ④ NEMA 1 FUSED DISCONNECT.

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sheet title:  
**RISER DIAGRAMS & FEEDER SCHEDULE**

sheet:

**E5.1**