

# SOCIAL SECURITY BUILDING RENOVATION

## 1107 WEST FERDON STREET LITCHFIELD, ILLINOIS 62056 FOR TTT PARTNERS LLC MONTGOMERY COUNTY, IL

ARCHITECT / ENGINEER :



Hurst-Rosche, Inc.  
PROFESSIONAL DESIGN NUMBER: 184-000298

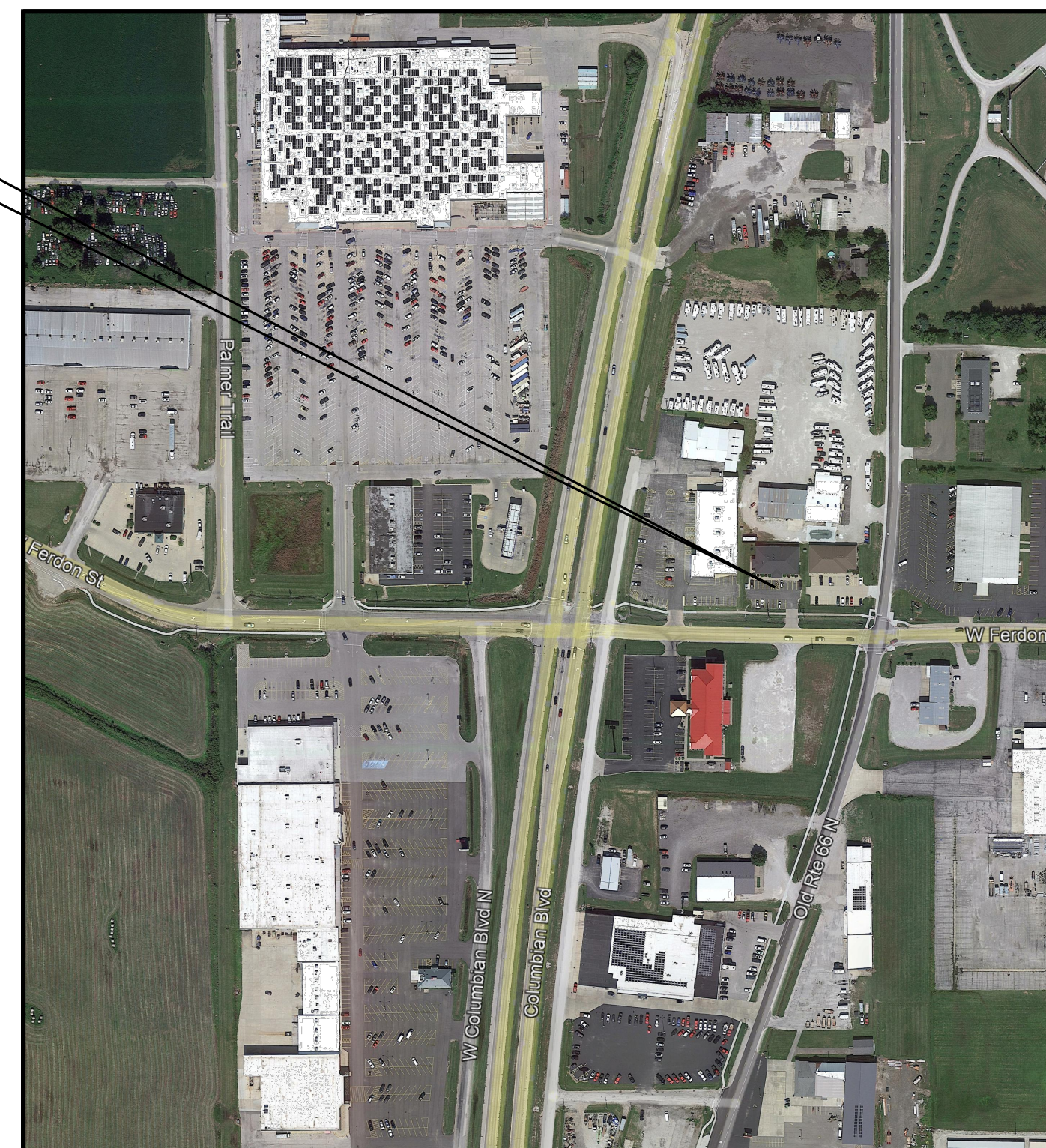
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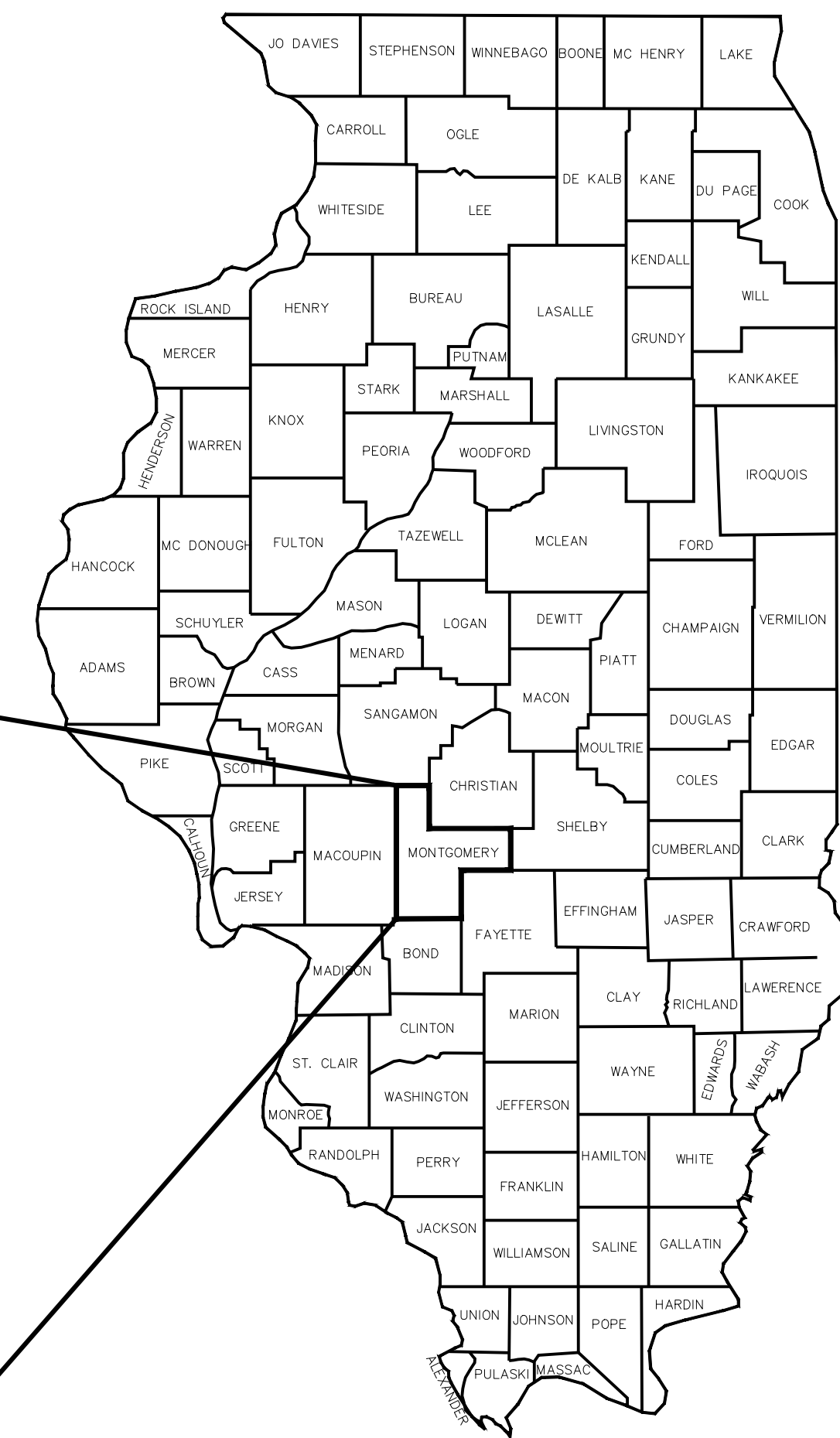
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SITE LOCATION



AREA LOCATION MAP

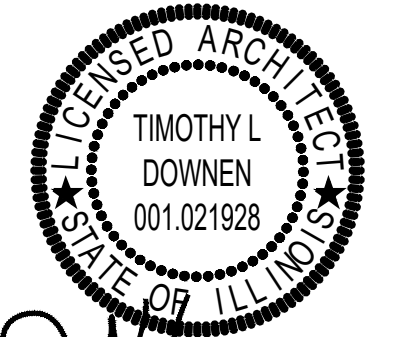




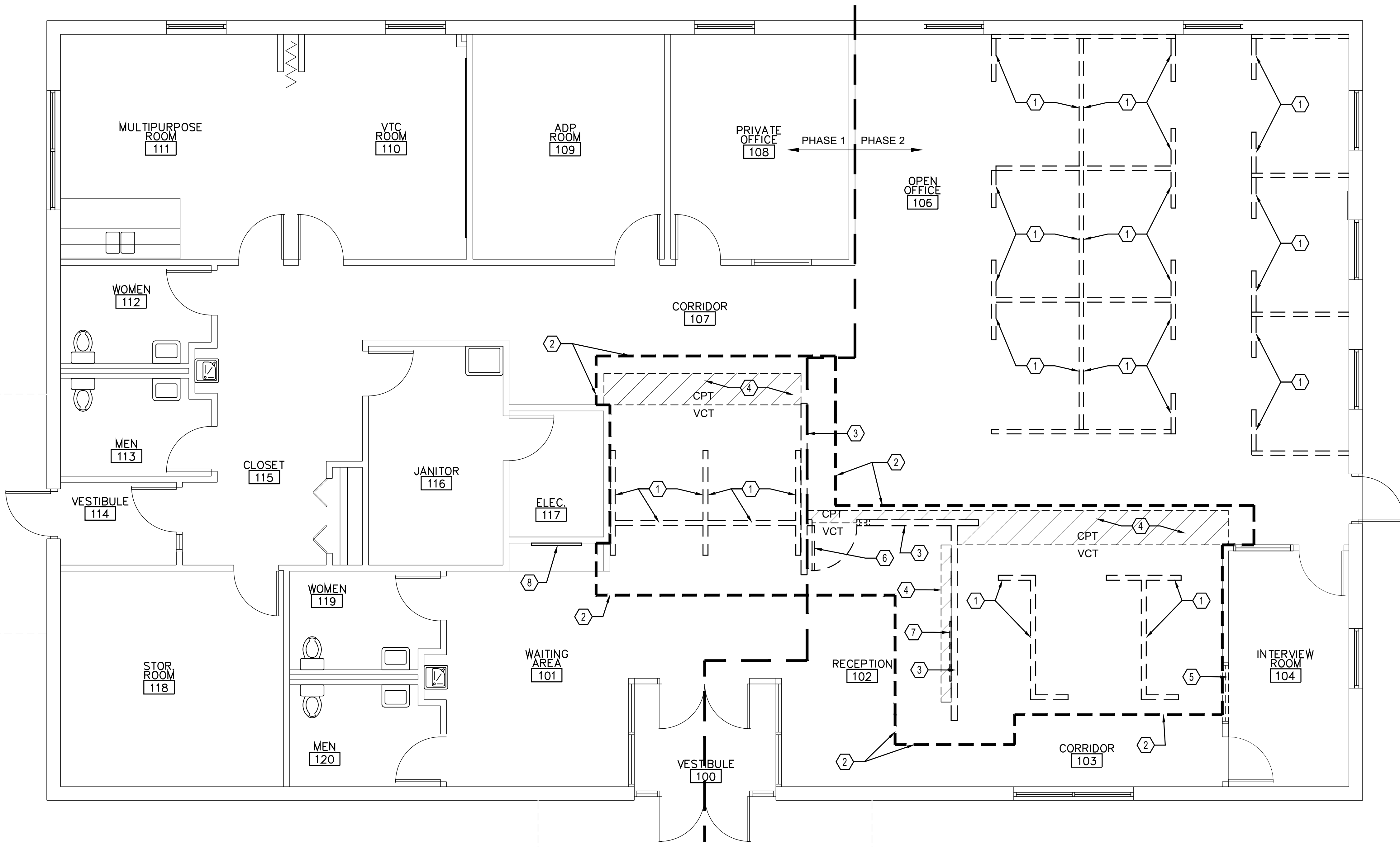
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1  
A-101

**ARCHITECTURAL DEMO PLAN**

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

KEYED NOTES: (1)

- DEMOLISH EXISTING FURNITURE. SEE E-SHEETS FOR ADDITIONAL INFORMATION.
- SALVAGE EXISTING CEILING PANELS INSIDE OF DASHED LINE FOR LATER RE-INSTALLATION. DEMOLISH EXISTING CEILING GRID. DASHED LINES ALIGN WITH CURRENT CEILING GRID.
- DEMOLISH EXISTING WALL AND WALL BASE MATERIAL.
- DEMOLISH EXISTING CARPET TILE OR VINYL TILE WITHIN FOOTPRINT OF NEW LAYOUT, ALSO REMOVE ANY FULL SIZE CARPET TILE THAT EXTENDS BEYOND THE EDGE OF THE NEW LAYOUT - SALVAGE FOR ALTERATION AND REINSTALLATION AFTER NEW WALL CONSTRUCTION AND FINISHING IS COMPLETE. SUPPLEMENT EXISTING CARPET TILE WITH NEW AS NECESSARY - TILE IS CLARIFY TILE IN DIAGRAM (983) COLOR FROM ALADDIN COMMERCIAL. DEMOLISH ANY EXISTING NON-FULL SIZE VCT FROM THE EDGE OF THE NEW FOOTPRINT. SEE PROPOSED PLAN FOR NEW VCT.
- DEMOLISH WINDOW AND FRAME.
- SALVAGE AND RELOCATE DOOR, FRAME & HARDWARE TO RECEPTION IN NEW LOCATION INDICATED ON A-102.
- BULLETIN BOARD TO BE SALVAGED AND REINSTALLED IN NEW LOCATION WHERE INDICATED BY OWNER.
- EXISTING SSTV TO REMAIN .

GENERAL NOTE:

EXISTING VOICEOVER IP PHONES & SPEAKER SYSTEM ACT AS PA SYSTEM.

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DEMOLITION PLAN

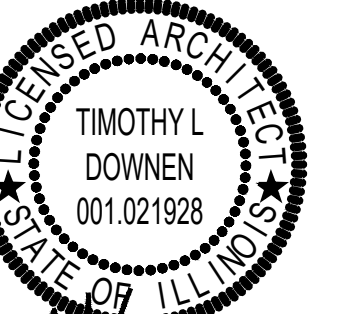
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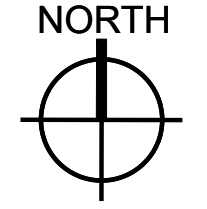
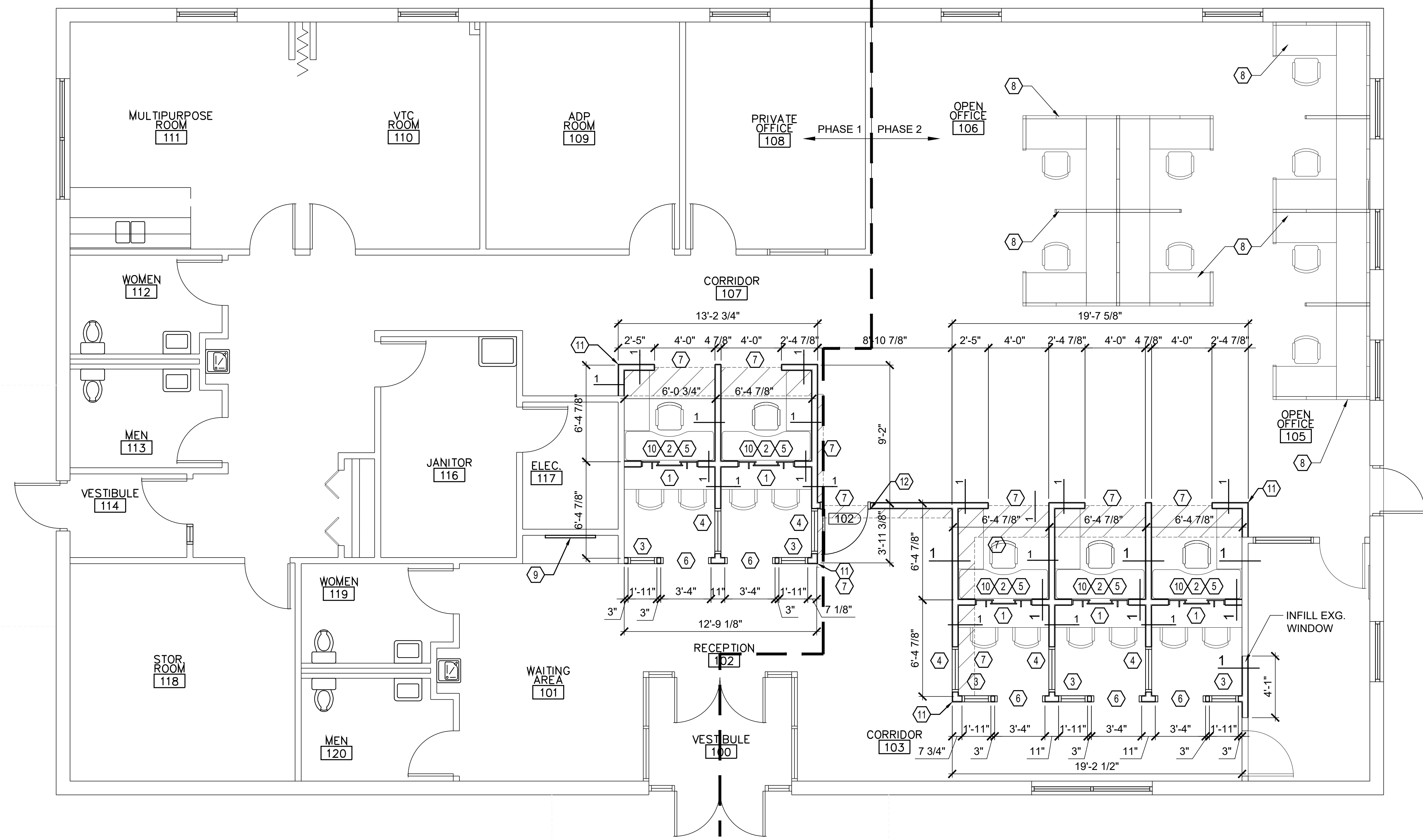
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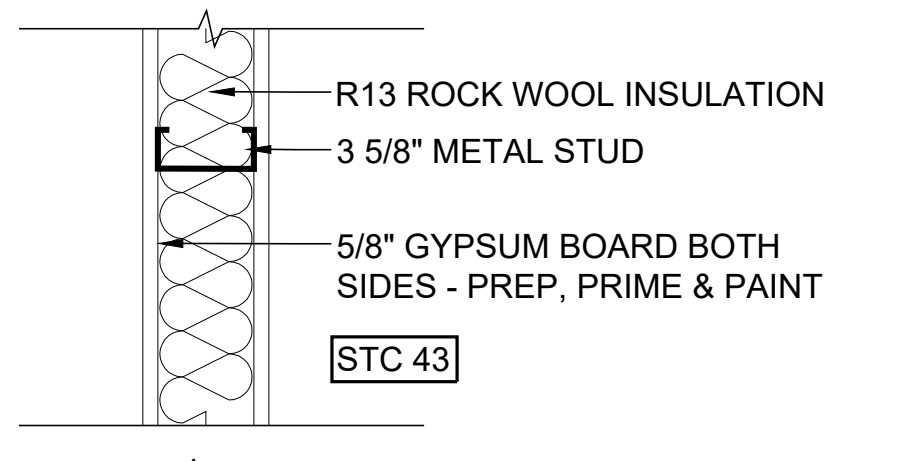
PROPOSED FLOOR PLAN

A-102



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

- KEYED NOTES: (X)
- PUBLIC FIXED HEIGHT SURFACE WITH 3" SHPC GROMMET. INTERNAL WALL SUPPORT BLOCKING AND BRACKET SUPPORT AT ENDS. FINISH TO MATCH EMPLOYEE WORK SURFACE.
  - EMPLOYEE WORKSTATION TO BE PROVIDED BY DFS (BY OTHERS) INCLUDING C70 TABLE, WALL HUNG SHELF AND WORK SURFACE WITH MOUNTING BRACKETS, RIGHT AND LEFT HAND MOUNTING DUAL MONITOR ARMS, BOX/BOX/FILE PEDESTAL, CHAIR, TWO PUBLIC GUEST CHAIRS. SEE DFS SIB PROTOTYPICAL FOR ADDITIONAL DETAILS.
  - INTERVIEW CORRIDOR SCREEN WALL WITH FIXED DUAL PANE 24" X 53" WINDOWS.
  - 36" X 53" FIXED DUAL PANE WINDOW.
  - 36" X 54" TRANSACTION WINDOW.
  - HOLLOW-METAL CASSED OPENING.
  - NEW VCT TO BE INSTALLED, TO MATCH EXISTING ARMSTRONG STANDARD EXCELON IN CHARCOAL COLOR, ALIGNED WITH JOINTS IN EXISTING TILE TO REMAIN. NEW WALLS CAN BE CONSTRUCTED OVER EXISTING TILE TO REMAIN.
  - NEW FURNITURE BY OWNER - SEE E-SHEETS FOR ADDITIONAL INFORMATION.
  - EXISTING SS TV TO REMAIN.
  - RE-INSTALLED PHONES (BY OWNER) AND EXISTING SPEAKERS TO ACT AS PA SYSTEM.
  - CORNER GUARD - SEE SECTION 10 26 00 FOR MORE INFORMATION.
  - ALTER EXISTING HOLLOW METAL FRAME TO ACCEPT AND PROVIDE / INSTALL ELECTRIC STRIKE TO CORRIDOR 103 SIDE OF EXISTING DOOR / FRAME. SEE E-SHEETS FOR ADDITIONAL INFORMATION ON ELECTRIC STRIKE AND CARD READER.



2 WALL DETAIL  
SCALE: 1 1/2" = 1'-0"

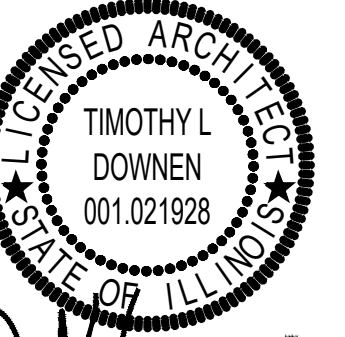
NOTE: ALL NEW WALLS TO RECEIVE 4" RUBBER BASE-BOTH SIDES.



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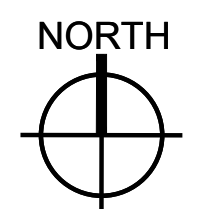
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PROPOSED REFLECTED  
CEILING PLAN

A-103



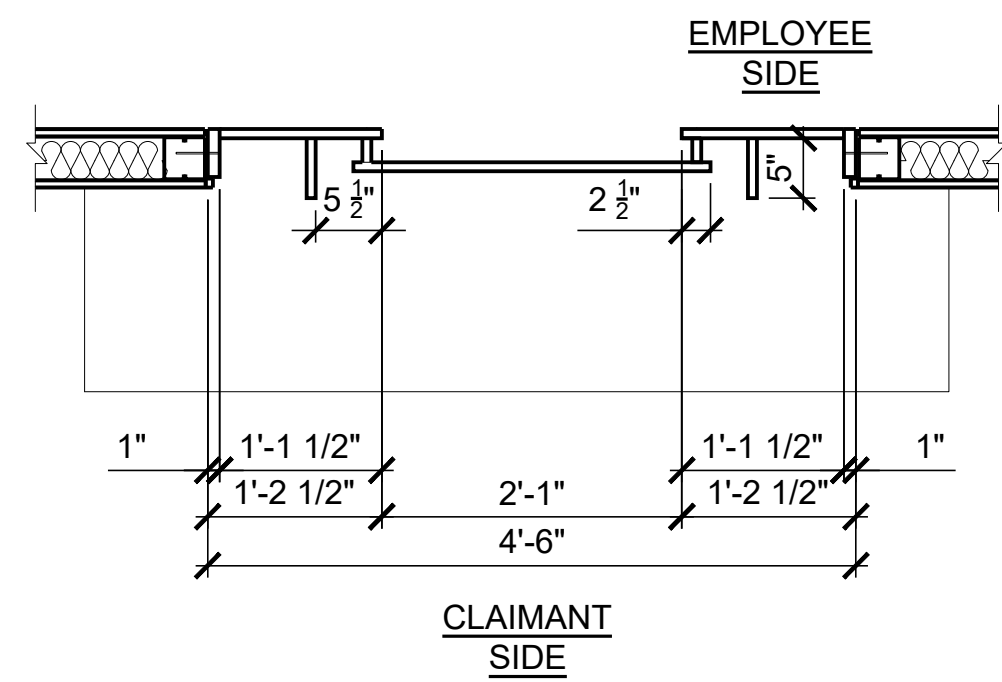
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A-103

**REFLECTED CEILING PLAN**

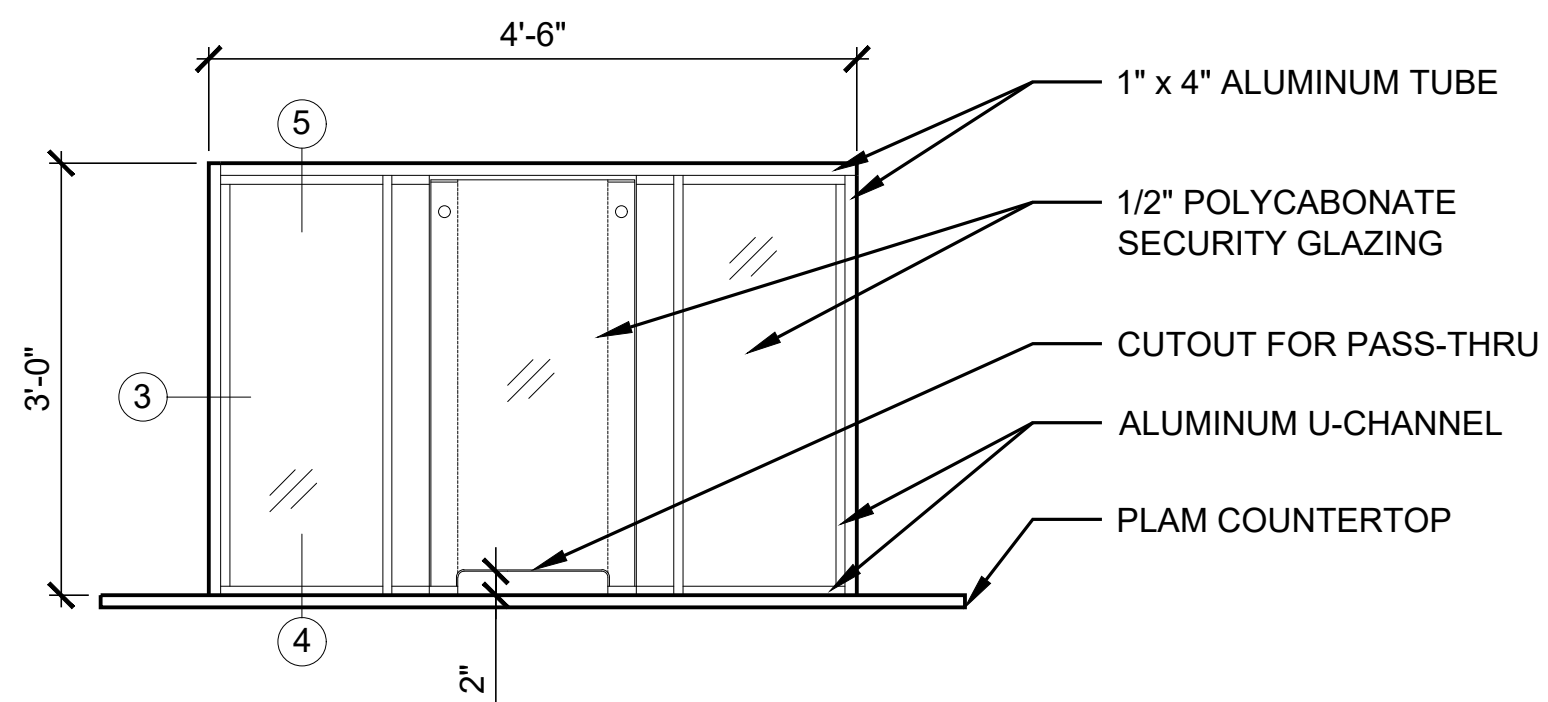
SCALE: 1/4"=1'-0"

- KEYED NOTES: (X)
1. RELOCATED SALVAGED LIGHT FIXTURE - SEE E-SHEETS.
  2. NEW LIGHT FIXTURE - SEE E-SHEETS.
  3. RELOCATED EXISTING RETURN AIR DIFFUSER AND BOOT - SEE M-SHEETS.
  4. NEW SUPPLY DIFFUSER AND INSULATED ROUND DUCTWORK - SEE M-SHEETS.
  5. EXISTING MAIN DUCT ABOVE CEILING TO REMAIN.
  6. PROVIDE AND INSTALL NEW CEILING GRID INSIDE OF DASHED LINES TO EXTEND EXISTING GRID TO REMAIN. RE-INSTALL SALVAGED CEILING PANELS - SUPPLEMENT EXISTING PANELS WITH NEW AS NECESSARY. EXISTING PANELS ARE ARMSTRONG ITEM #942.

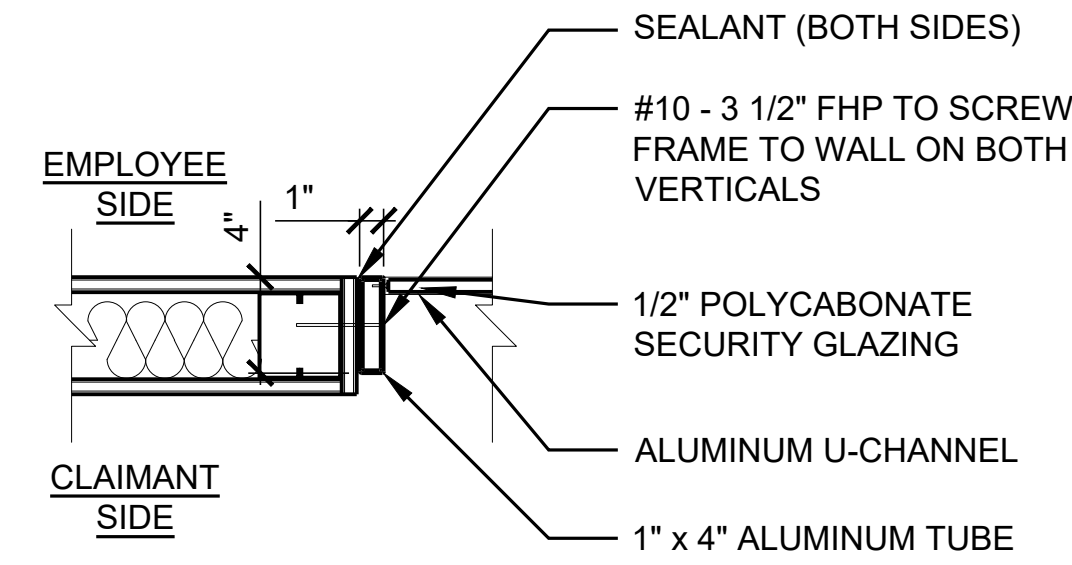
GENERAL NOTE:  
CEILINGS IN SIB'S TO MATCH HEIGHT OF  
EXISTING ADJACENT CEILINGS.



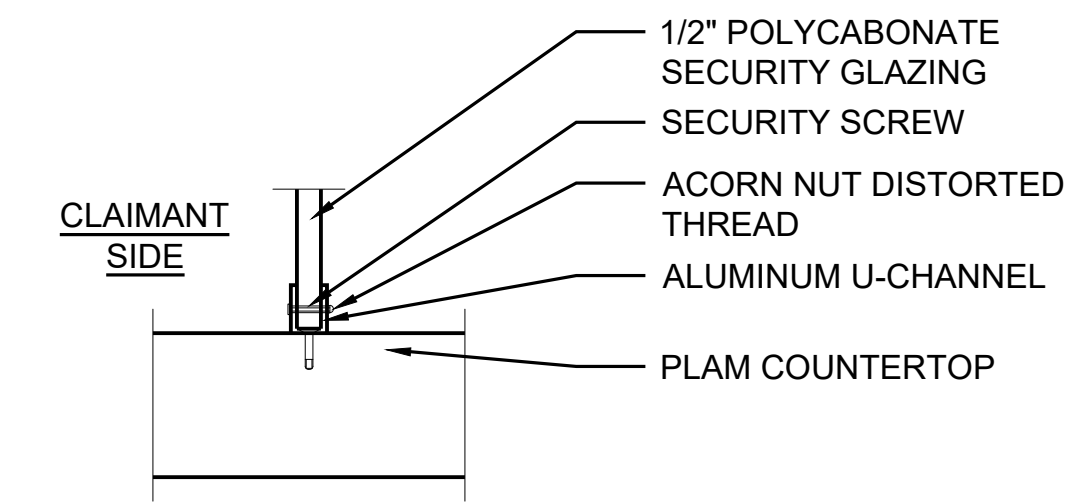
1 TRANSACTION WINDOW PLAN  
SCALE: 3/4"=1'-0"



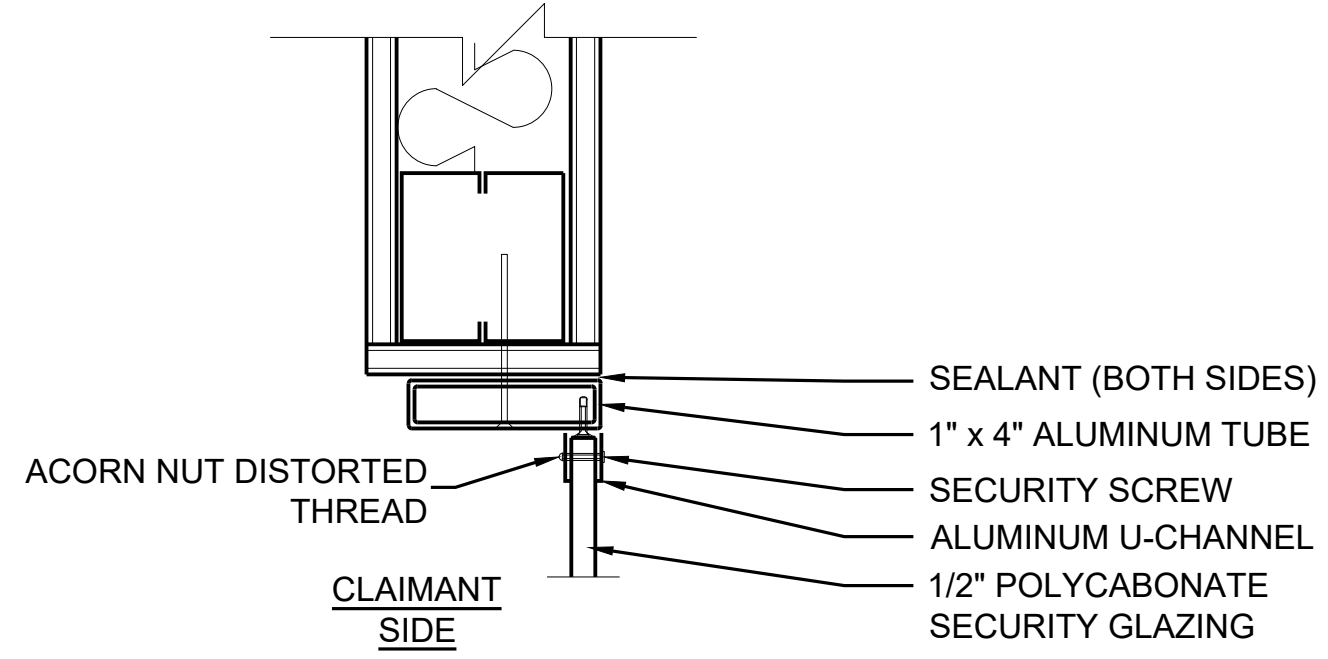
2 TRANSACTION WINDOW ELEV.  
SCALE: 3/4"=1'-0"



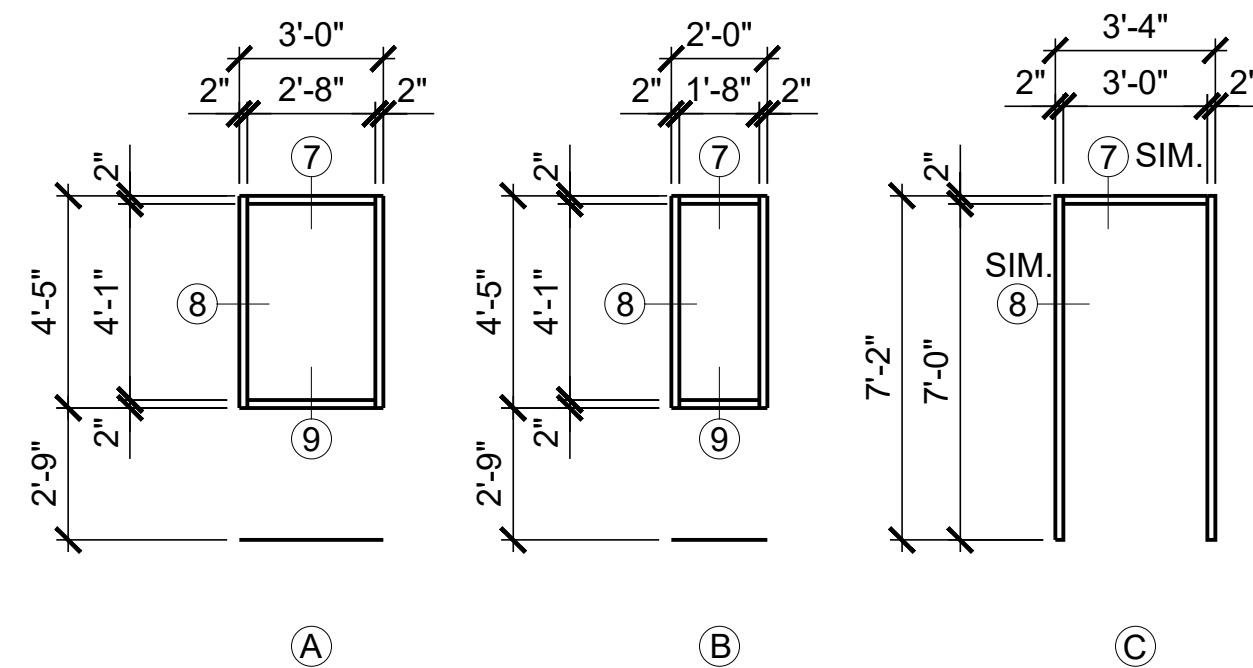
3 JAMB DETAIL  
SCALE: 1 1/2"=1'-0"



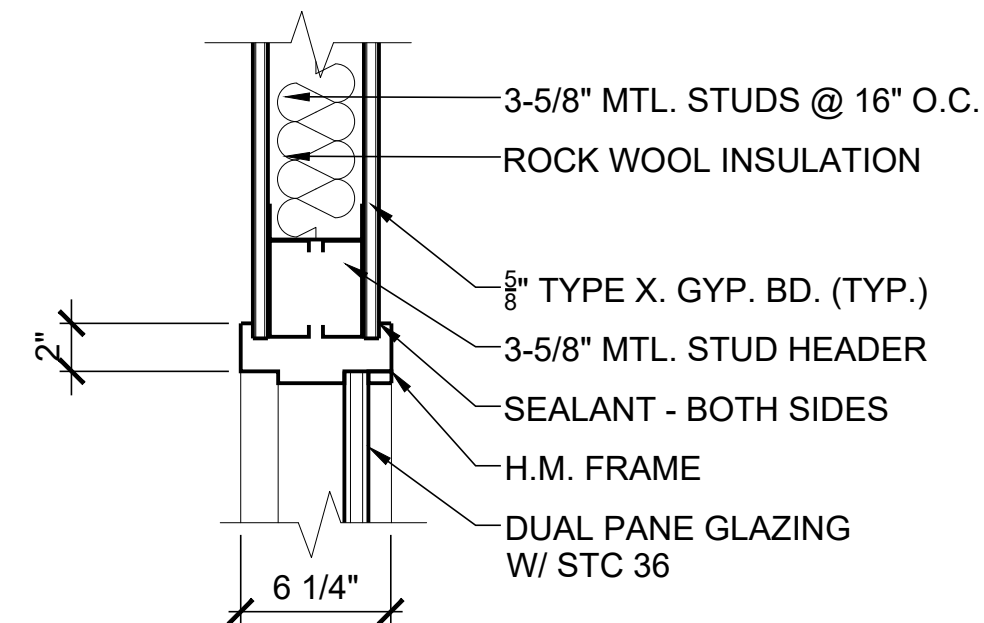
4 SILL DETAIL  
SCALE: 3"=1'-0"



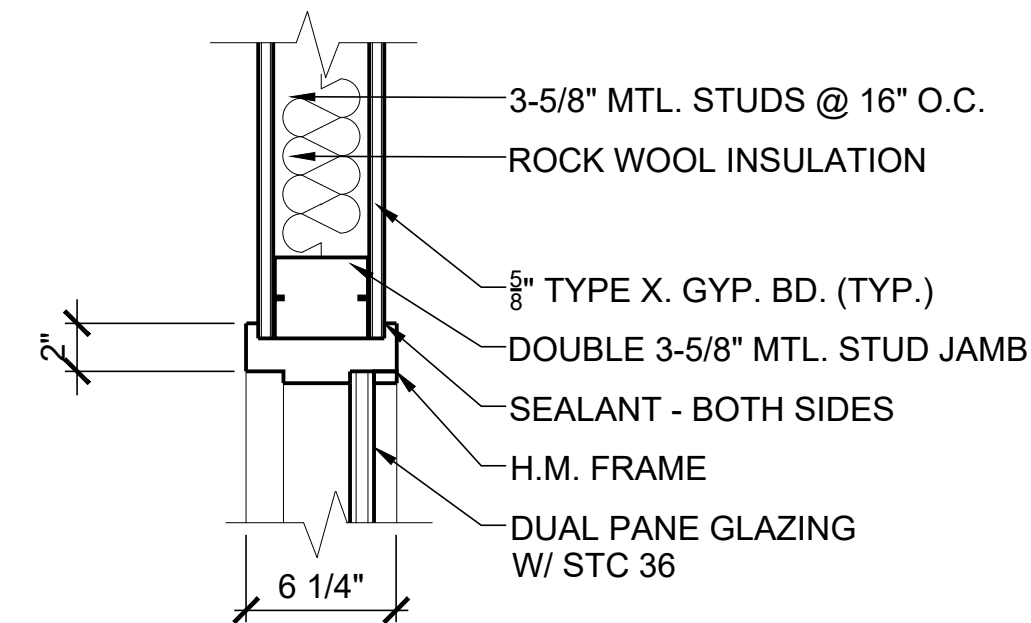
5 HEAD DETAIL  
SCALE: 3"=1'-0"



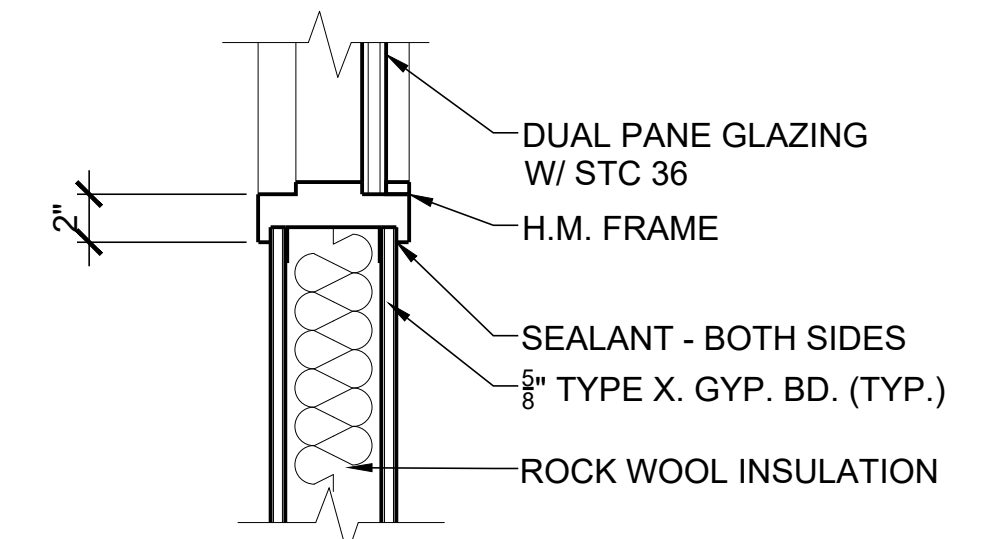
6 HOLLOW METAL FRAME ELEV.  
SCALE: 1/4"=1'-0"



7 HEAD DETAIL  
SCALE: 1 1/2"=1'-0"



8 JAMB DETAIL  
SCALE: 1 1/2"=1'-0"



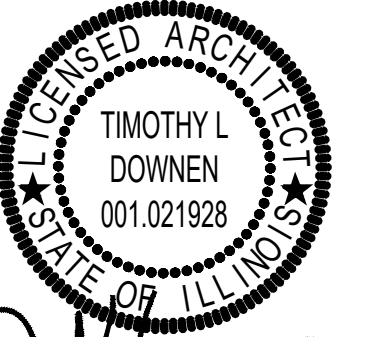
9 SILL DETAIL  
SCALE: 1 1/2"=1'-0"



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ELEVATIONS AND DETAILS

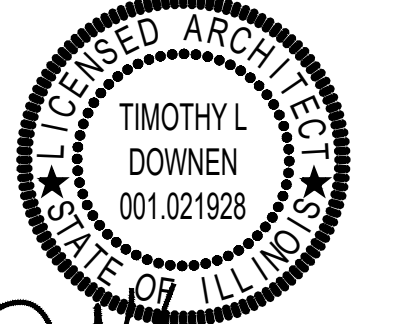
A-104



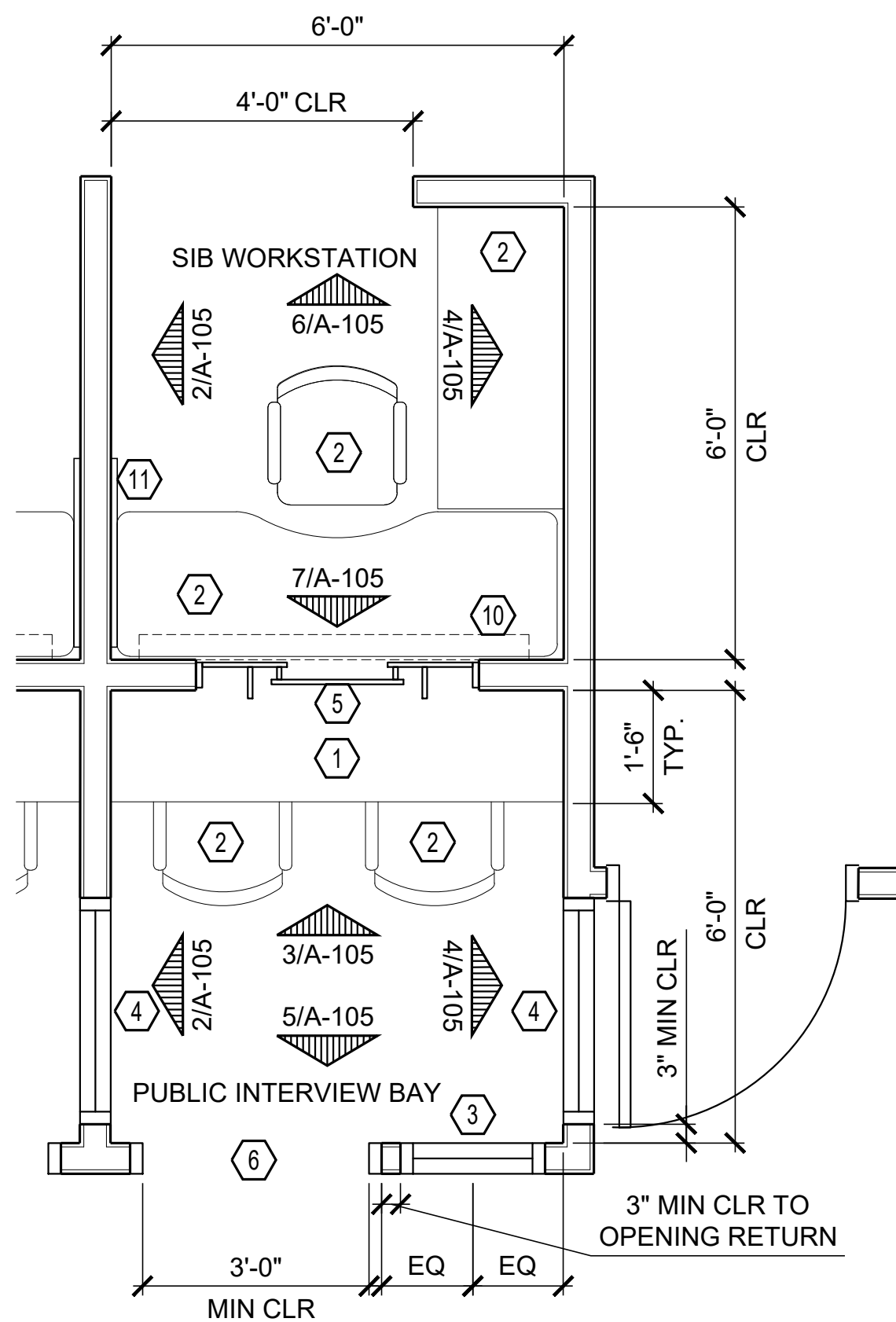
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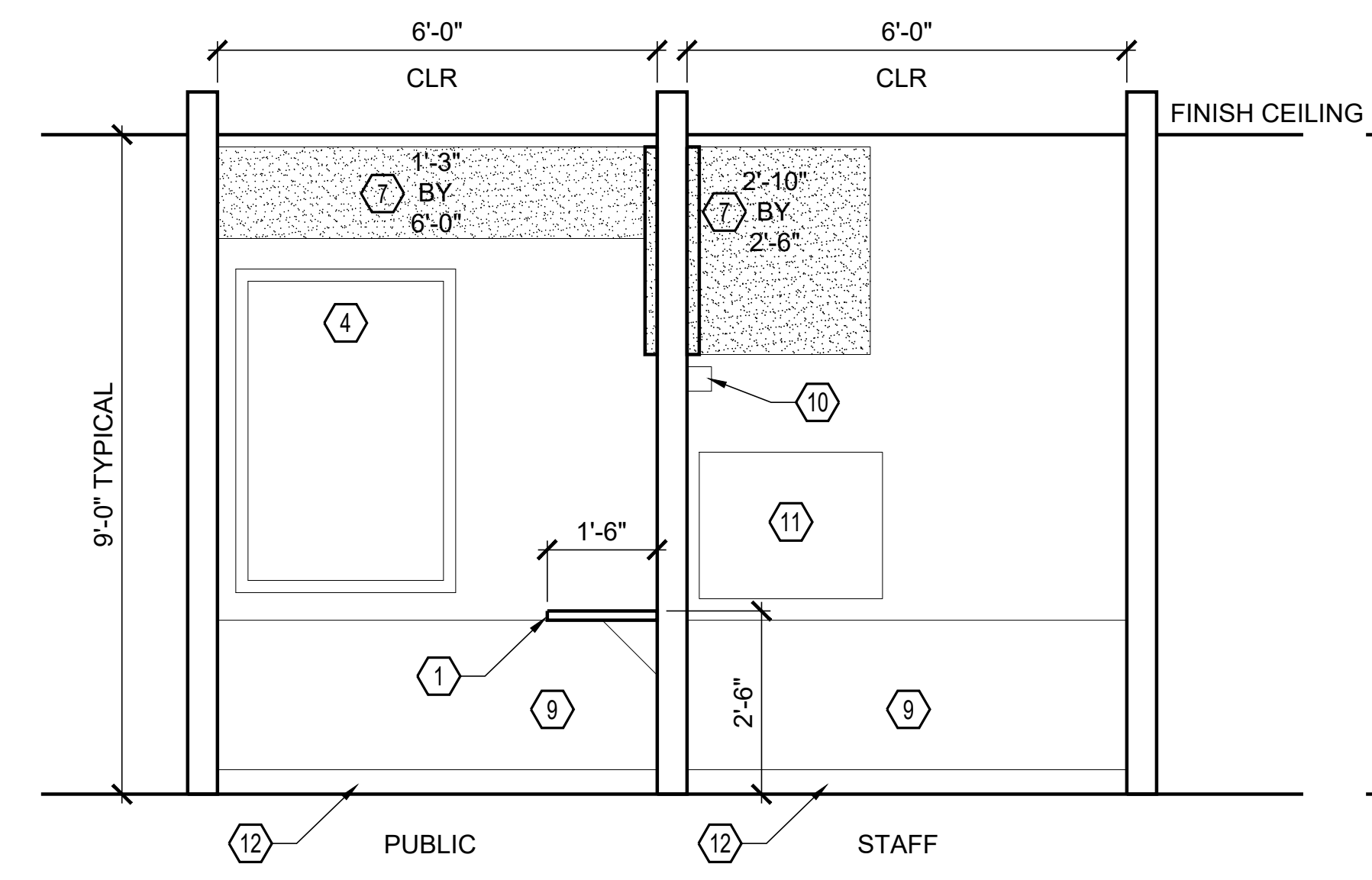


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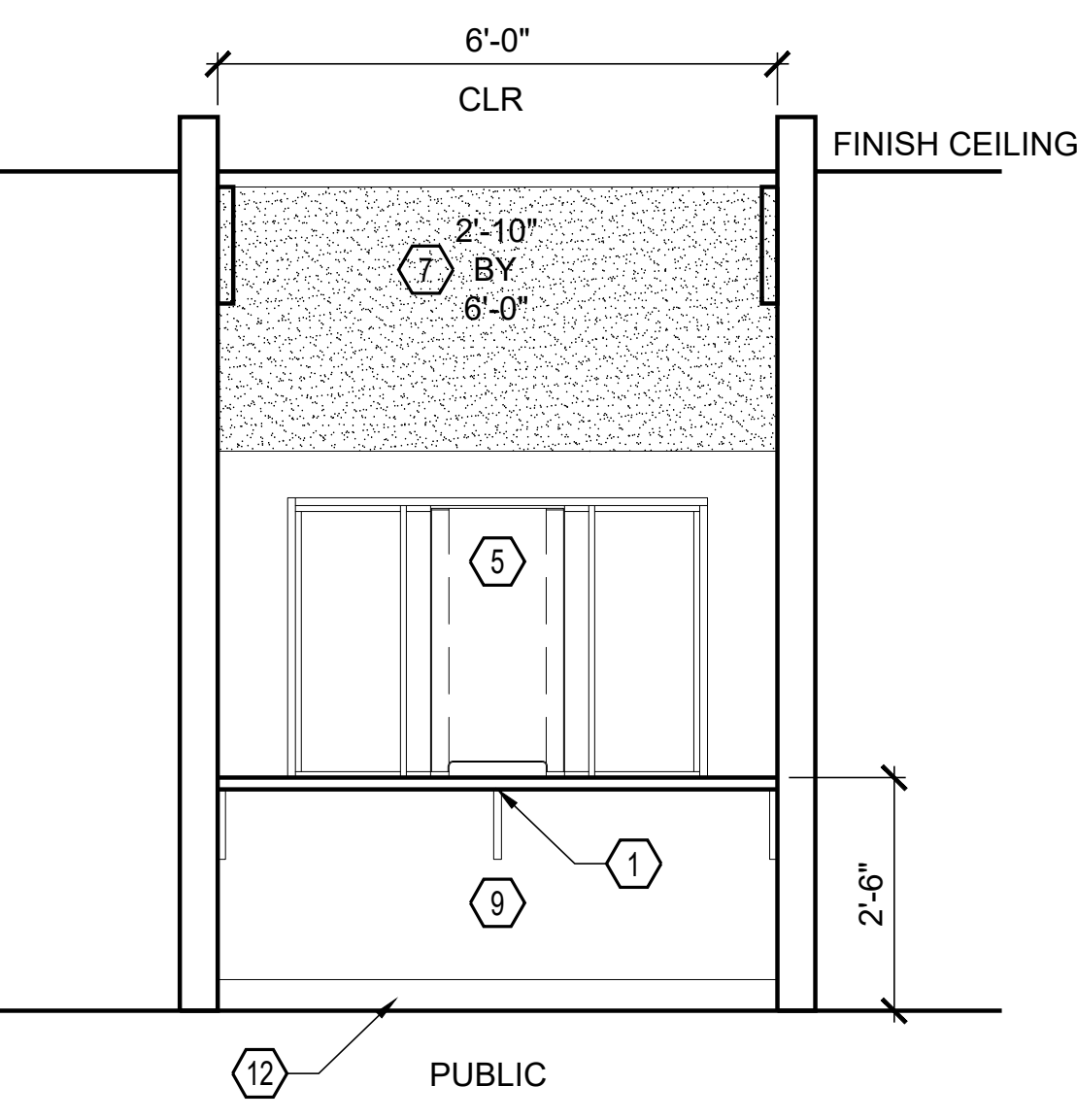


**1 SIB PLAN**  
SCALE: 1/2"=1'-0"

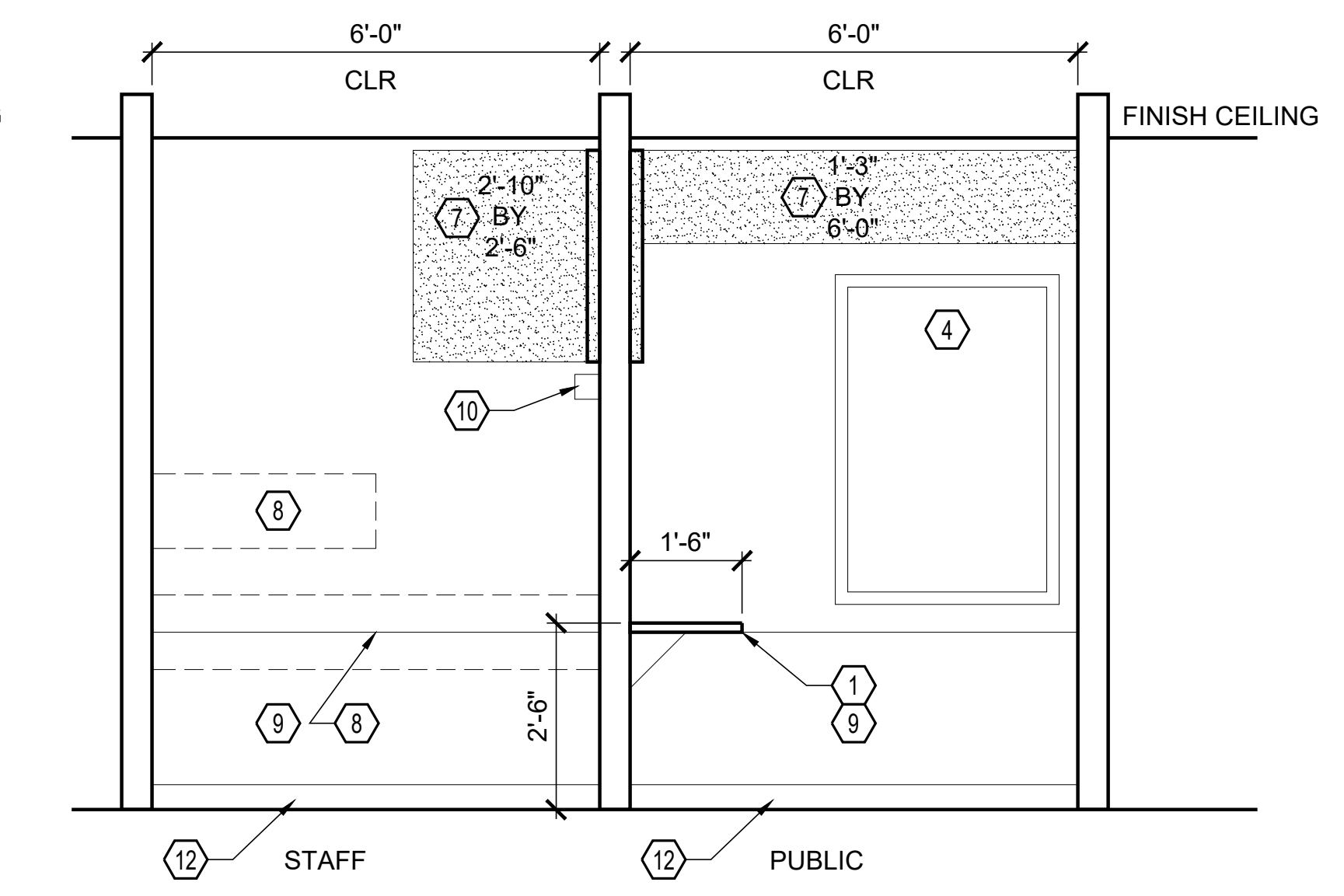
- GENERAL NOTES:**
- TRANSACTION WINDOWS (ROXBURY WINDOWS) SHALL BE BY TOTAL SECURITY SOLUTIONS.
    - FRAME AND HARDWARE SHALL BE CLEAR SATIN ANODIZED ALUMINUM WITH HIGH PERFORMANCE COATING.
    - PROVIDE MINIMUM 3/8" DEEP "BITE" (EXTEND THE POLY-CARBONATE 3/8" INTO THE FRAME) TO ENSURE THAT WINDOW MATERIAL DOES NOT PULL OUT WHEN FORCE IS APPLIED TO THE SURFACE.
    - 1" DIAMETER POLY-CARBONATE STANDOFFS, ATTACHED TO PANELS WITH TORX FLAT HEAD COUNTER SUNK STAINLESS STEEL SCREWS.
    - FIXED PANELS, OFFSET CENTER PANEL AND PERPENDICULAR SOUND / BRACE WINGS.
    - 1/2" THICK ABRASION RESISTANT POLY-CARBONATE. A BULLET RESISTANT OR BULLET PROOF MATERIAL IS NOT REQUIRED.
    - COMPLY WITH UL 972 STANDARD FOR BURGLARY RESISTANT GLAZING MATERIAL.
    - ALL CONSTRUCTION ON THE PUBLIC SIDE OF THE WINDOW SHALL BE TAMPER-RESISTANT.
  - ROLLER WINDOW SHADES:
    - SHADE SYSTEM: NON-FASCIA SYSTEM (EXPOSED ROLLER).
    - FABRIC: MINIMUM 99% OPACITY, BLACKOUT OPTIONAL.
    - ROLL TYPE: REGULAR ROLL.
    - OPERATION: CHAIN DRIVEN, MANUAL OPERATION.
    - CHAIN: HEAVY DUTY STAINLESS STEEL CHAIN, CONNECTED AT TOP AND BOTTOM.
    - CONTROL LOCATION: LEFT OR RIGHT CONTROL, TO BE SPECIFIED FOR EACH INTERVIEW BAY LOCATION.
    - HARDWARE: BLACK IN COLOR.
    - BOTTOM OF SHADE: INTERNAL HEM BAR.
    - MOUNTING: OUTSIDE AND SURFACE MOUNT, IN CONJUNCTION WITH THE ROXBURY WINDOWS.



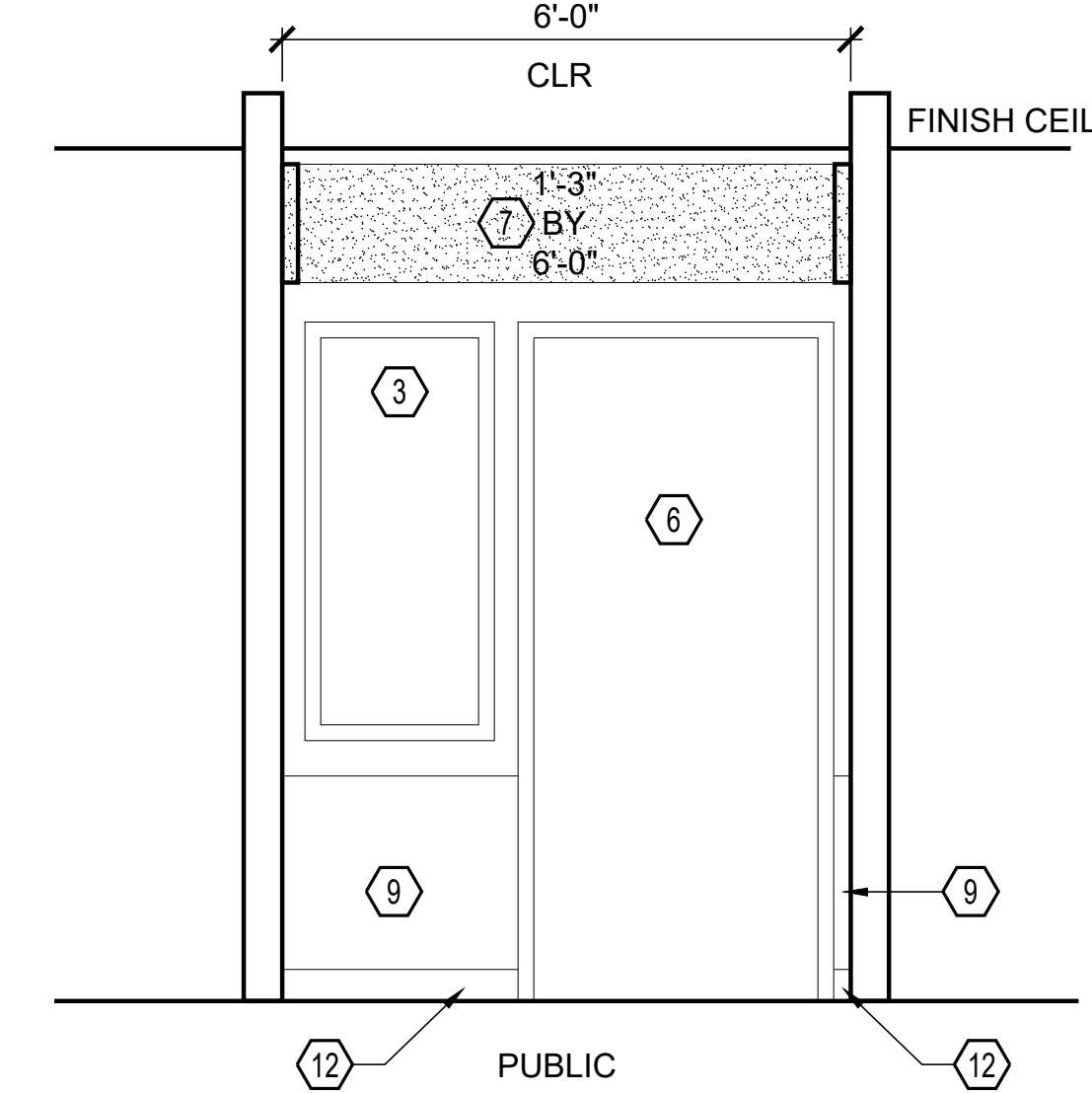
**2 ELEVATION**  
SCALE: 1/2"=1'-0"



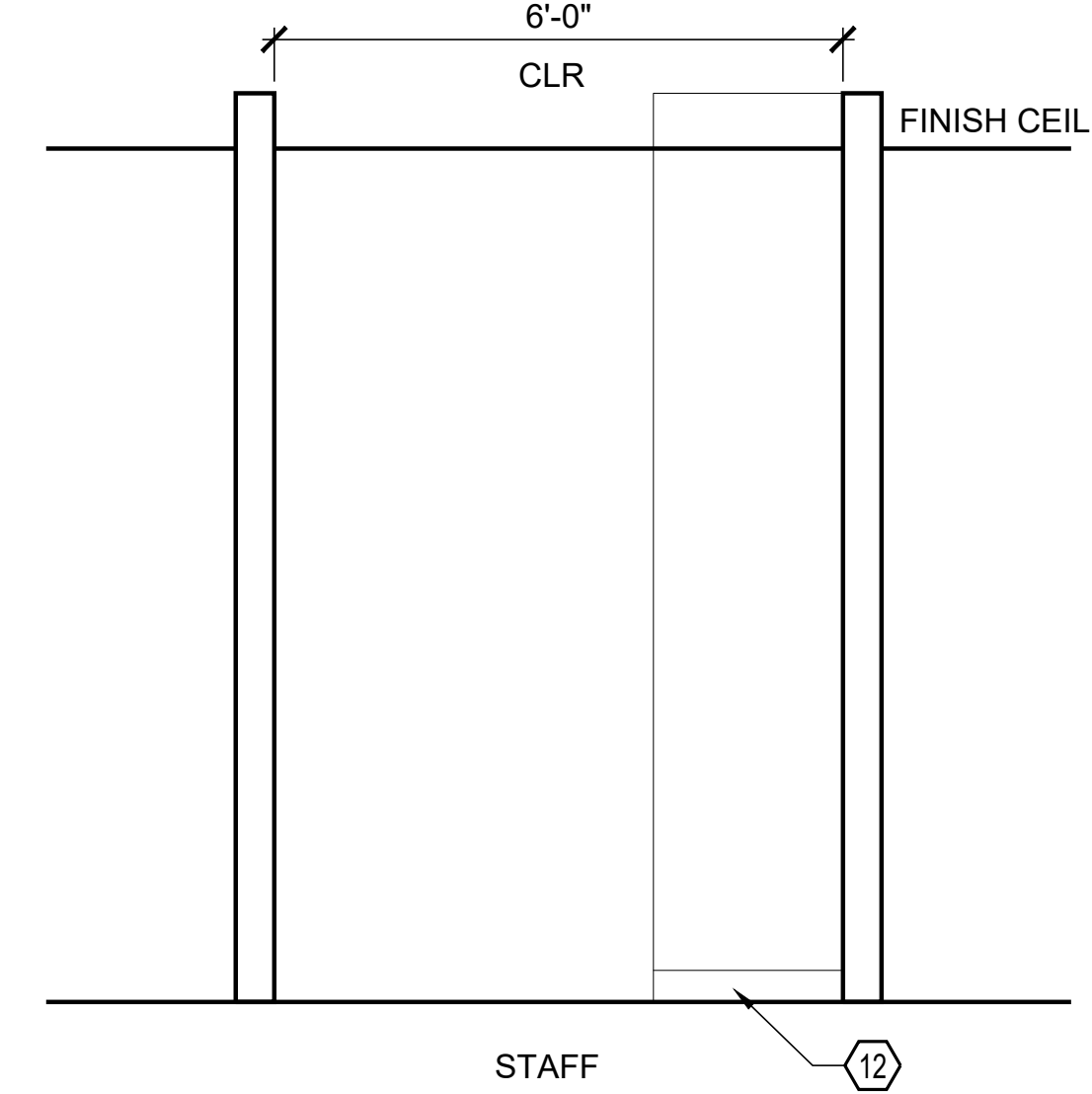
**3 ELEVATION**  
SCALE: 1/2"=1'-0"



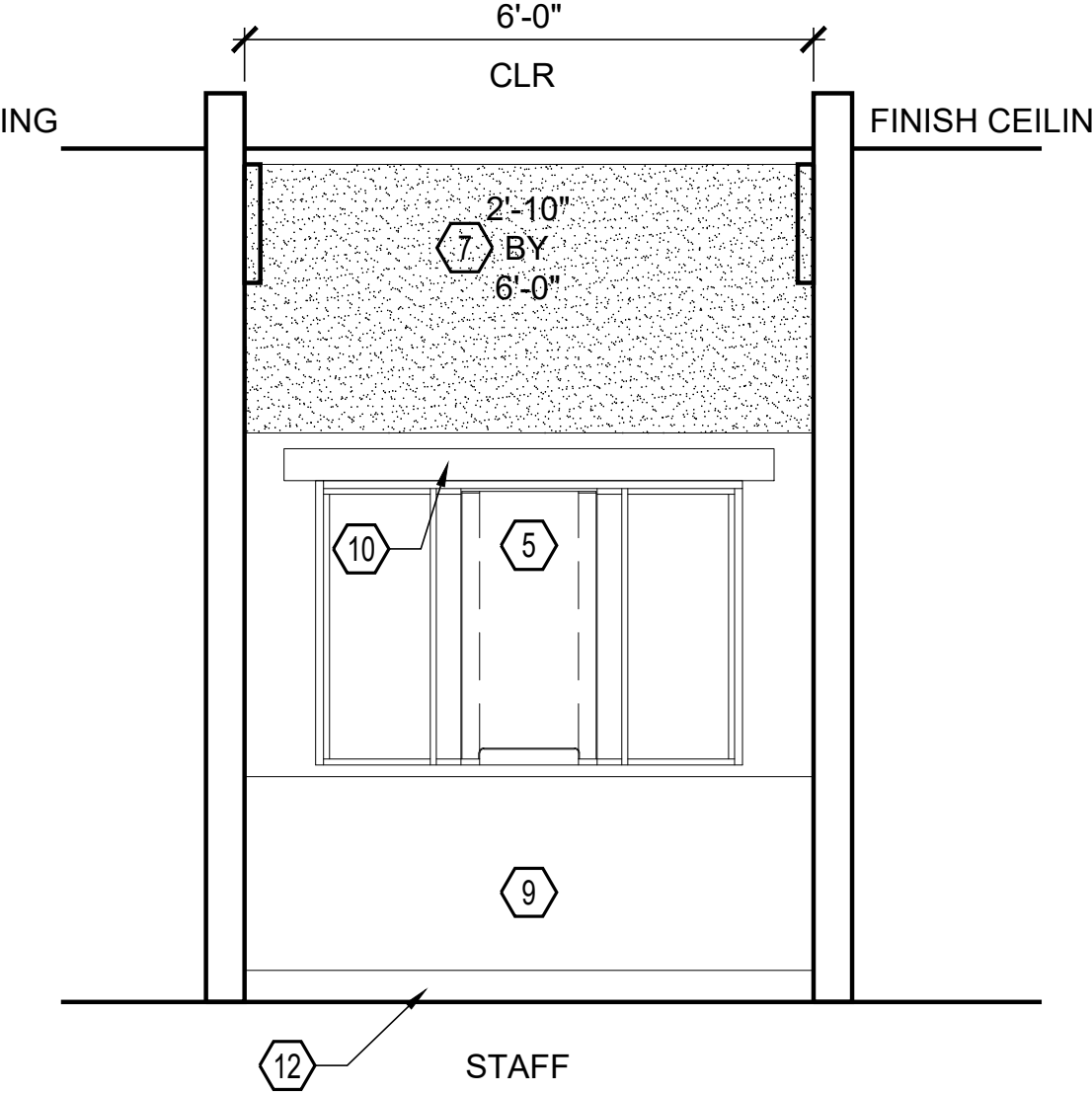
**4 ELEVATION**  
SCALE: 1/2"=1'-0"



**5 ELEVATION**  
SCALE: 1/2"=1'-0"



**6 ELEVATION**  
SCALE: 1/2"=1'-0"



**7 ELEVATION**  
SCALE: 1/2"=1'-0"

- KEYED NOTES:** (X)
- PROVIDE AND INSTALL PUBLIC FIXED HEIGHT SURFACE WITH A 3" SHPC GROMMET, INTERNAL WALL SUPPORT BLOCKING AND 3 BRACKET SUPPORTS. FINISH TO MATCH THE UNICOR PROVIDED EMPLOYEE WORK SURFACE.
  - EMPLOYEE WORK STATION TO BE PROVIDED BY DFS INCLUDING THE C70 TABLE, WALL HUNG SHELF AND WORK SURFACE WITH MOUNTING BRACKETS, RIGHT AND LEFT HAND MOUNTING DUAL MONITOR ARMS, BOX/BOX/FILE PEDESTAL, EMPLOYEE CHAIR, TWO PUBLIC GUEST CHAIRS. FOR ADDITIONAL DETAILS ON THE C70 FURNITURE WORKSTATION COMPONENTS, PLEASE SEE DFS SIB PROTOTYPICAL ON THE DFS HUB PAGE.
  - PROVIDE AND INSTALL FIXED DUAL PANE 24" BY 53" HOLLOW METAL FRAME AND WINDOW.
  - PROVIDE AND INSTALL FIXED DUAL PANE 36" BY 53" HOLLOW METAL FRAME AND WINDOW.
  - PROVIDE AND INSTALL 36" BY 54" TRANSACTION WINDOW.
  - PUBLIC ENTRY: PROVIDE AND INSTALL HOLLOW METAL CASED OPENING.
  - PROVIDE AND INSTALL STRETCHED FABRIC ACOUSTIC PANELS - NRC 0.90 - D MOUNTING TYPE.
  - PROVIDE AND INSTALL INTERNAL WALL BLOCKING FOR FIXED HEIGHT SHELF AND WORK SURFACE. THE BLOCKING SHALL BE STUD TO STUD 12" MINIMUM MOUNTING WIDTH AT EACH BRACKET, 16" ABOVE THE WORK SURFACE AND AT THE FIXED HEIGHT WORK SURFACE TO PROVIDE RECEIPT OF THE WALL MOUNTED ADJUSTABLE WORK SURFACE AND SHELF TRACK. ALLOW 3/4" DISTANCE TOLERANCE BETWEEN WORK SURFACE AND C70.
  - PROVIDE AND INSTALL PLAM WALL PROTECTION OVER 1/2" MDF PANELS - MATCH WALL COLOR AND COVE BASE.
  - PROVIDE AND INSTALL ROLL DOWN TRANSACTION WINDOW SHADE W/ ALL REQUIRED INTERNAL WALL BLOCKING.
  - PROVIDE AND INSTALL EMPLOYEE TACK BOARD W/ ALL REQUIRED INTERNAL WALL BLOCKING.
  - PROVIDE AND INSTALL 4" RUBBER BASE (OVER PLAM WALL PROTECTION, WHERE APPLICABLE).

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SIB PLAN AND ELEVATIONS

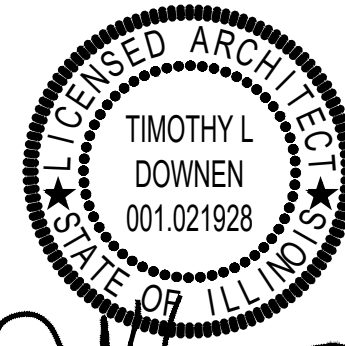
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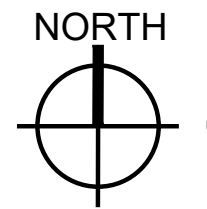
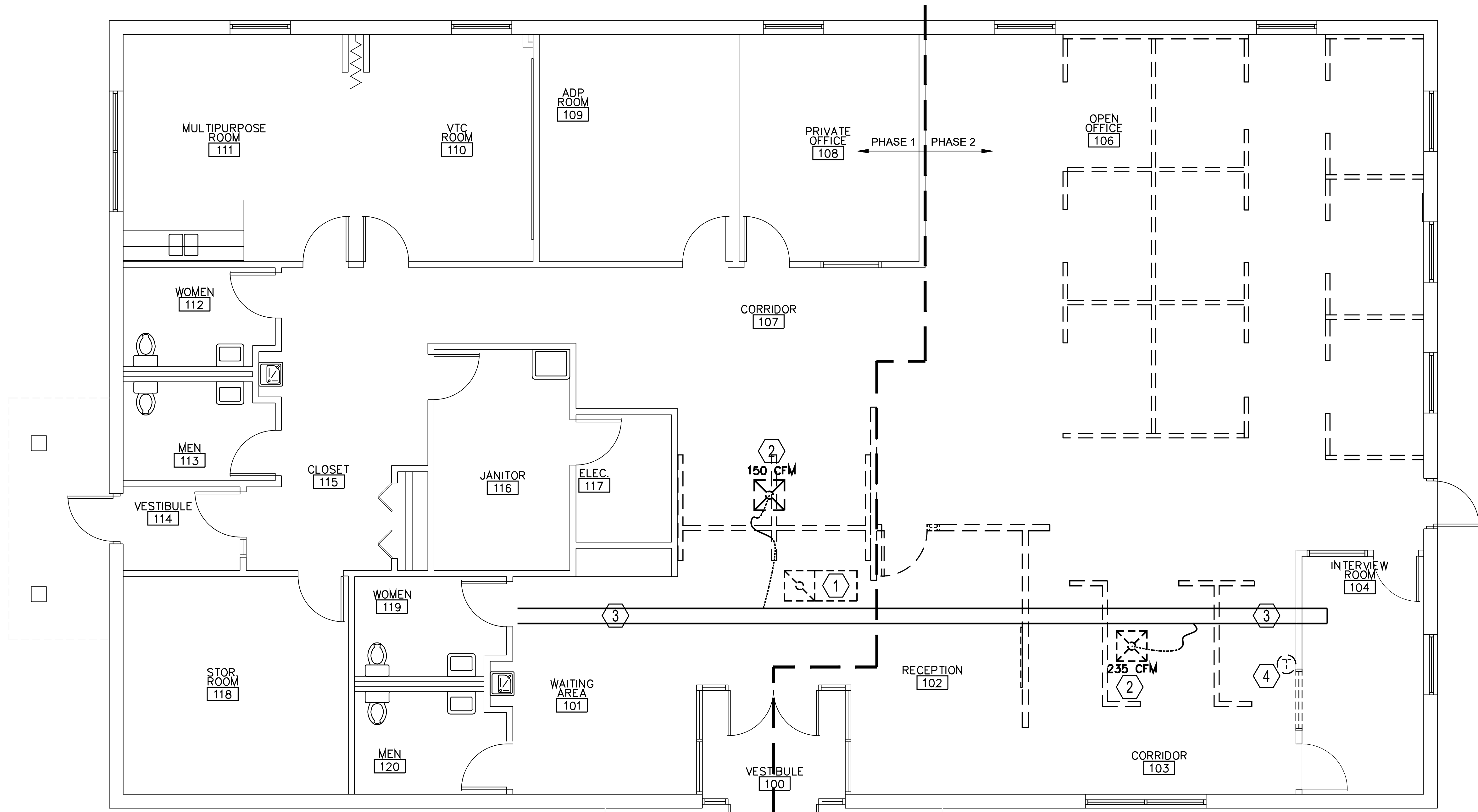
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DEMOLITION PLAN

M-101



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

- KEYED NOTES: (X)
- CAREFULLY SALVAGE EXISTING RETURN GRILLE AND LINED SOUND BOX. RELOCATE EXISTING RETURN GRILLE AND LINED SOUND BOX TO NEW LOCATION (SEE M-102).
  - DEMO EXISTING AIR SUPPLY DIFFUSER AND EXISTING FLEX DUCT BACK TO MAIN DUCT TO REMAIN. PATCH EXISTING MAIN DUCT. CFM LISTED AT DIFFUSER WAS TAKEN FROM AS-BUILT DRAWINGS. VERIFY CFM AT EACH DIFFUSER TO BE DEMOLISHED.
  - EXISTING INTERNALLY LINED SHEET METAL SUPPLY AIR DUCT TO REMAIN.
  - CAREFULLY SALVAGE EXISTING THERMOSTAT. RELOCATE EXISTING THERMOSTAT TO NEW LOCATION (SEE M-102).



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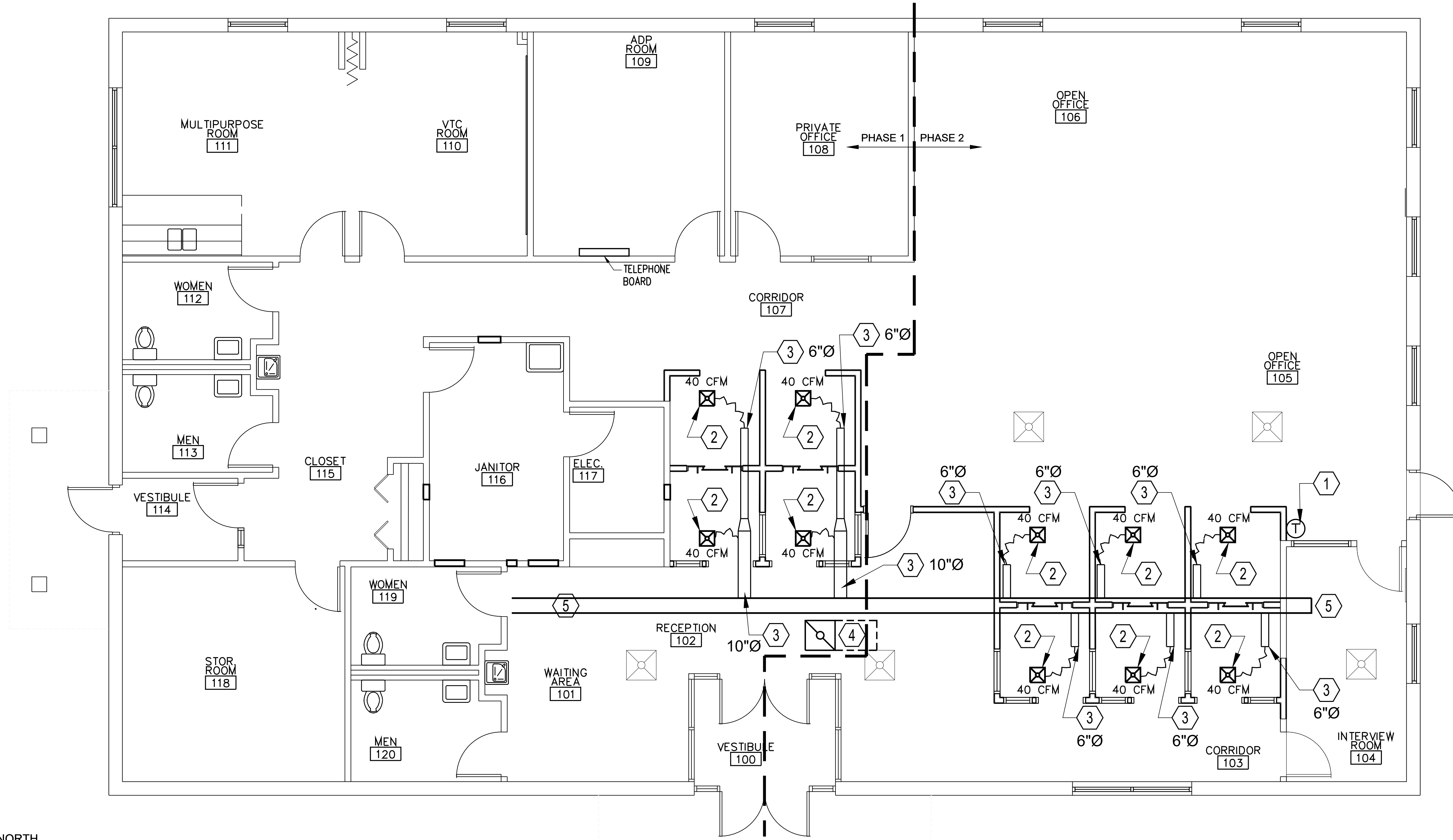
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PROPOSED PLAN

M-102



1  
M-102

**MECHANICAL DUCTWORK PLAN**

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

KEYED NOTES: (X)

- REINSTALL EXISTING THERMOSTAT AT NEW LOCATION AS INDICATED BY (T). CONNECT TO EXISTING CONTROL WIRING. MODIFY / REPLACE WIRING AS NECESSARY TO REACH NEW LOCATION.
- PROVIDE / INSTALL NEW 12" BY 12" SUPPLY DIFFUSER AS SCHEDULED. TEST AND VERIFY POST CONSTRUCTION CFM FROM 10 NEW DIFFUSERS MATCHES THAT OF CFM FROM 2 DEMOLISHED DIFFUSERS (TESTED PRE-DEMOLITION)
- PROVIDE / INSTALL NEW SHEET METAL DUCTWORK (INTERNALLY LINED). FLEX DUCT TO EACH DIFFUSER SHALL BE 6" DIAMETER AND INSULATED. LIMIT RUNS OF FLEX DUCT TO A MAXIMUM OF 6'-0". PATCH AND MODIFY EXG. MAIN DUCT (TO REMAIN) AS NECESSARY.
- REINSTALL EXISTING RETURN DIFFUSER AND SOUND BOOT.
- EXISTING MAIN DUCT TO REMAIN.





Hurst-Rosche, Inc.  
PROFESSIONAL DESIGN NUMBER: 184-002028

1400 E. TREMONT STREET  
HILLSBORO, IL  
PH: 217.532.3959

EAST ST. LOUIS, IL  
SPRINGFIELD, IL  
MARION, IL  
ARNOLD, MO  
NASHVILLE, TN



*Peter James Murphy*  
SIGNATURE

05-01-2024  
DATE

11-30-2025  
DATE

LICENSE EXPIRES

SOCIAL SECURITY BUILDING RENOVATION  
1107 WEST FERDON STREET  
LITCHFIELD, ILLINOIS 62056  
FOR TTT PARTNERS LLC

MK.	DATE	DESCRIPTION

DATE: 05-01-2024

PROJECT NO: 150-3282

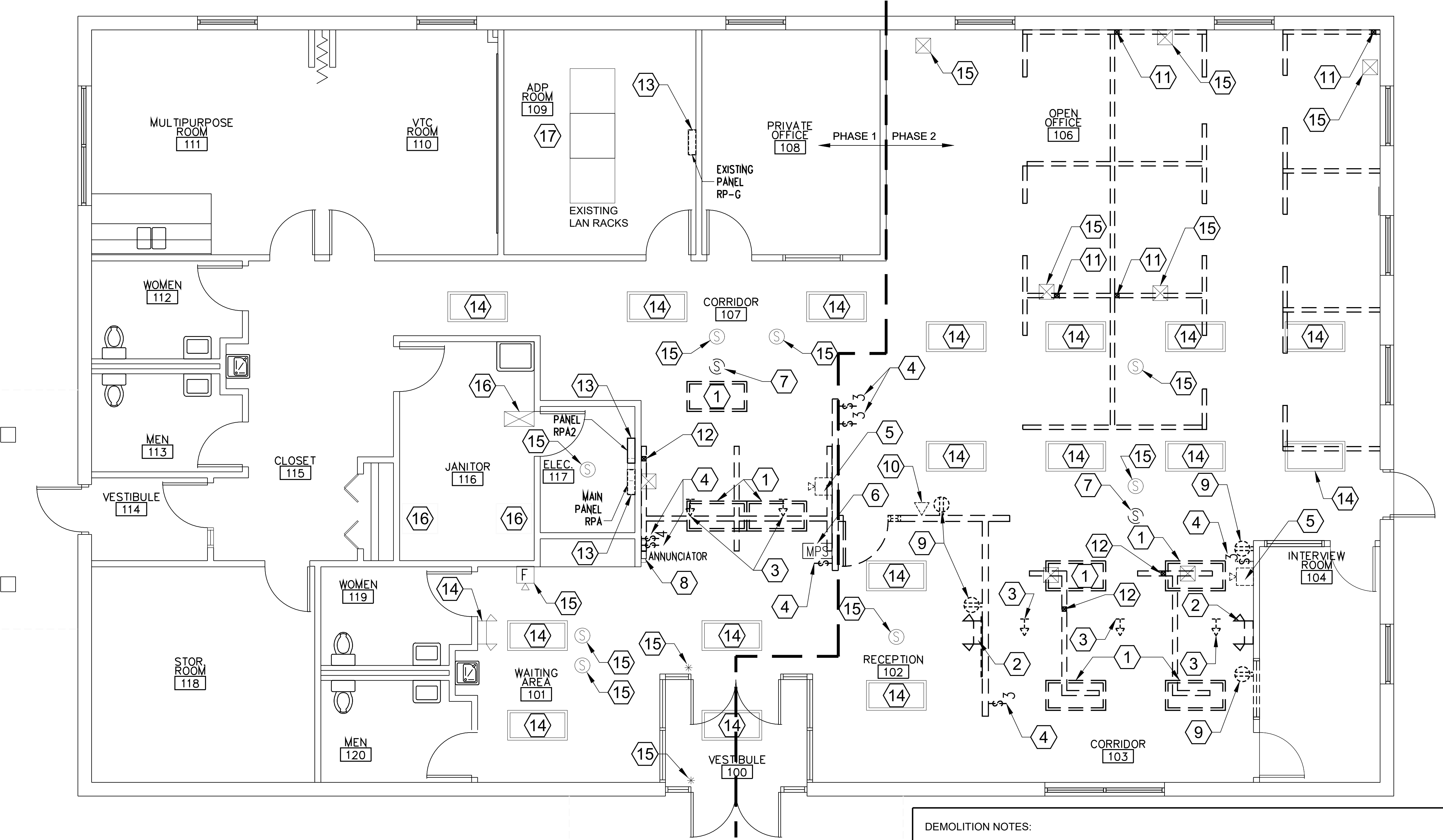
DESIGN: JL    DRAWN: JL    CHECK: PJM

DEMOLITION PLAN

E-101

- KEYED NOTES: (X)
- REMOVE EXISTING LIGHT FIXTURE. SEE SHEET E-102 FOR REINSTALLATION REQUIREMENTS. ANY FIXTURES NOT REINSTALLED SHALL BE RETURNED TO THE OWNER.
  - REMOVE EXISTING EMERGENCY LUMINAIRE. SEE SHEET E-102.
  - DISCONNECT AND REMOVE EXISTING DRESS ALARM BUTTON, FROM EXISTING FURNITURE PRIOR TO ITS DEMOLITION, AND PRESERVE FOR REINSTALLATION. SEE SHEET E-103.
  - DEMO EXISTING LIGHT SWITCH.
  - REMOVE EXISTING FIRE ALARM NOTIFICATION DEVICE. SEE SHEET E-103.
  - REMOVE EXISTING FIRE ALARM MANUAL PULL STATION. SEE SHEET E-103.
  - REMOVE EXISTING FIRE ALARM DETECTOR. SEE E-103.
  - REMOVE EXISTING FIRE ALARM REMOTE ANNUNCIATOR. SEE E-103.
  - DEMO EXISTING ELECTRICAL OUTLET.
  - DEMO EXISTING DATA / PHONE OUTLET.
  - DISCONNECT AND REMOVE EXISTING POWER POLE. DISCONNECT EXISTING CUBICLE WORK STATIONS FROM POWER AND TELEDATA WIRING TEMPORARILY WHILE FURNITURE IS BEING REPLACED.
  - DISCONNECT AND REMOVE EXISTING CUBICLE WORK STATIONS FROM POWER AND TELEDATA WIRING PERMANENTLY, FOR THE CREATION OF NEW INTERVIEW BAYS.
  - EXISTING PANELBOARD TO REMAIN.
  - EXISTING LUMINAIRE TO REMAIN.
  - EXISTING WIRING DEVICE TO REMAIN.
  - EXISTING EQUIPMENT TO REMAIN.
  - REMOVE EXISTING LAN RACKS AND REPLACE WITH NEW, ALONG WITH ALL ASSOCIATED WIRING AND RACEWAYS. ALL OTHER WIRING DEVICES AND ELECTRICAL EQUIPMENT IN ADP ROOM 109 ARE EXISTING TO REMAIN. REFER TO SPECIFICATIONS SECTION 27 00 00 FOR DETAILS.

- DEMOLITION NOTES:
- REMOVE EXISTING LUMINAIRES INDICATED AND ALL ASSOCIATED WIRING AND RACEWAYS BACK TO SOURCE. PRESERVE INTEGRITY OF EXISTING REMAINING WIRING. RETURN LUMINAIRES TO OWNER UNLESS OTHERWISE NOTED.
  - EXISTING TELEPHONE AND DATA JACKS INDICATED AND ALL ASSOCIATED CABLING, RACEWAYS, JACKS, CONNECTORS, AND FACEPLATES SHALL BE REMOVED BY OTHERS PRIOR TO DEMOLITION. COORDINATE WITH OWNER.
  - REMOVE EXISTING WIRING DEVICES, ALONG WITH ALL ASSOCIATED WIRING AND RACEWAYS BACK TO SOURCE. PRESERVE INTEGRITY OF EXISTING REMAINING WIRING.
  - REROUTE OR RECONNECT EXISTING WIRING TO REMAIN AS REQUIRED, WHERE AFFECTED BY NEW WORK, IN ORDER TO MAINTAIN INTEGRITY OF REMAINING CIRCUITS.
  - EXISTING WIRING SERVING LUMINAIRES OR RECEPTACLES FOR A GIVEN AREA MAY BE REUSED WHERE CONVENIENT TO SERVE THE NEW LAYOUT. PROVIDE CIRCUIT MODIFICATIONS INDICATED OR AS OTHERWISE REQUIRED TO MAINTAIN CONTINUITY OF EXISTING REMAINING CIRCUITS.
  - ALL EXISTING CONDUITS AND WIRING THAT WILL NOT BE REUSED SHALL BE REMOVED WHERE THEY WILL BE EXPOSED UPON COMPLETION OF NEW WORK. EXISTING CONDUIT TO REMAIN BELOW FLOOR SLAB SHALL BE CUT OFF ONE INCH BELOW ROUGH FLOOR AND GROUTED FLUSH.
  - EXERCISE CARE IN REMOVAL OF DEMOLITION ITEMS. REPAIR, AT NO ADDITIONAL COST TO OWNER, ANY DAMAGE CAUSED TO EXISTING CONSTRUCTION AND/OR EQUIPMENT TO REMAIN.
  - ALL CONDUIT REMOVED SHALL BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, MOUNTING DEVICES, MOUNTING HARDWARE, ETC. PROVIDE CONDUIT PLUGS AND BLANKS FOR ALL OPENINGS CREATED BY THE REMOVAL OF CONDUIT.
  - ALL MATERIALS REMOVED UNDER DEMOLITION, WHICH ARE NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED COMPLETELY FROM THE SITE.
  - ALL WORK AND ALL POWER OUTAGES IN THE EXISTING BUILDING SHALL BE SCHEDULED AT TIMES CONVENIENT TO THE OWNER.
  - NOTIFY THE OWNER PRIOR TO TURNING OFF ANY CIRCUITS.
  - IF DURING THE COURSE OF CONSTRUCTION, IT IS DETERMINED BY THE ELECTRICAL CONTRACTOR THAT AN EXISTING CIRCUIT BECOMES SPARE, THE ELECTRICAL CONTRACTOR SHALL UPDATE THE PANELBOARD DIRECTORY TO INDICATE SUCH, EVEN IF IT IS NOT EXPLICITLY MARKED ON THE ELECTRICAL PLANS.
  - ON PROJECT CLOSE-OUT, CLEAN ALL ELECTRICAL DEVICES, LIGHTING FIXTURES, LAMPS AND LENSES, AND REMOVE ALL PAINT SPATTERS FROM DEVICES, FIXTURES, AND PLATES.
  - DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES, AND PRESERVE THEM FOR REINSTALLATION AFTER NEW WORK IS COMPLETE.



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

- GENERAL NOTES:
- COORDINATE ALL WORK WITH OTHER TRADES.
  - PERFORM ALL WORK IN COMPLIANCE WITH APPLICABLE CODES.
  - COORDINATE EXACT LOCATION OF EQUIPMENT IN FIELD PRIOR TO WORK.
  - ALL WIRING SHALL BE CONCEALED WHERE POSSIBLE IN WALL, CEILING, OR SOFFIT SPACE. NM CABLE SHALL NOT BE USED.
  - ALL POWER CONDUCTORS TO BE MINIMUM #12 AWG COPPER UNLESS OTHERWISE NOTED.
  - ALL GROUNDING SHALL BE DONE IN ACCORDANCE WITH N.E.C.
  - REFER TO SHEET E-103 FOR SYMBOL LEGEND.
  - ONLY EXISTING LUMINAIRES AND WIRING DEVICES SHOWN ARE WITHIN SCOPE OF WORK UNLESS OTHERWISE NOTED. ALL OTHER EXISTING LUMINAIRES AND WIRING DEVICES NOT SHOWN ARE TO REMAIN.



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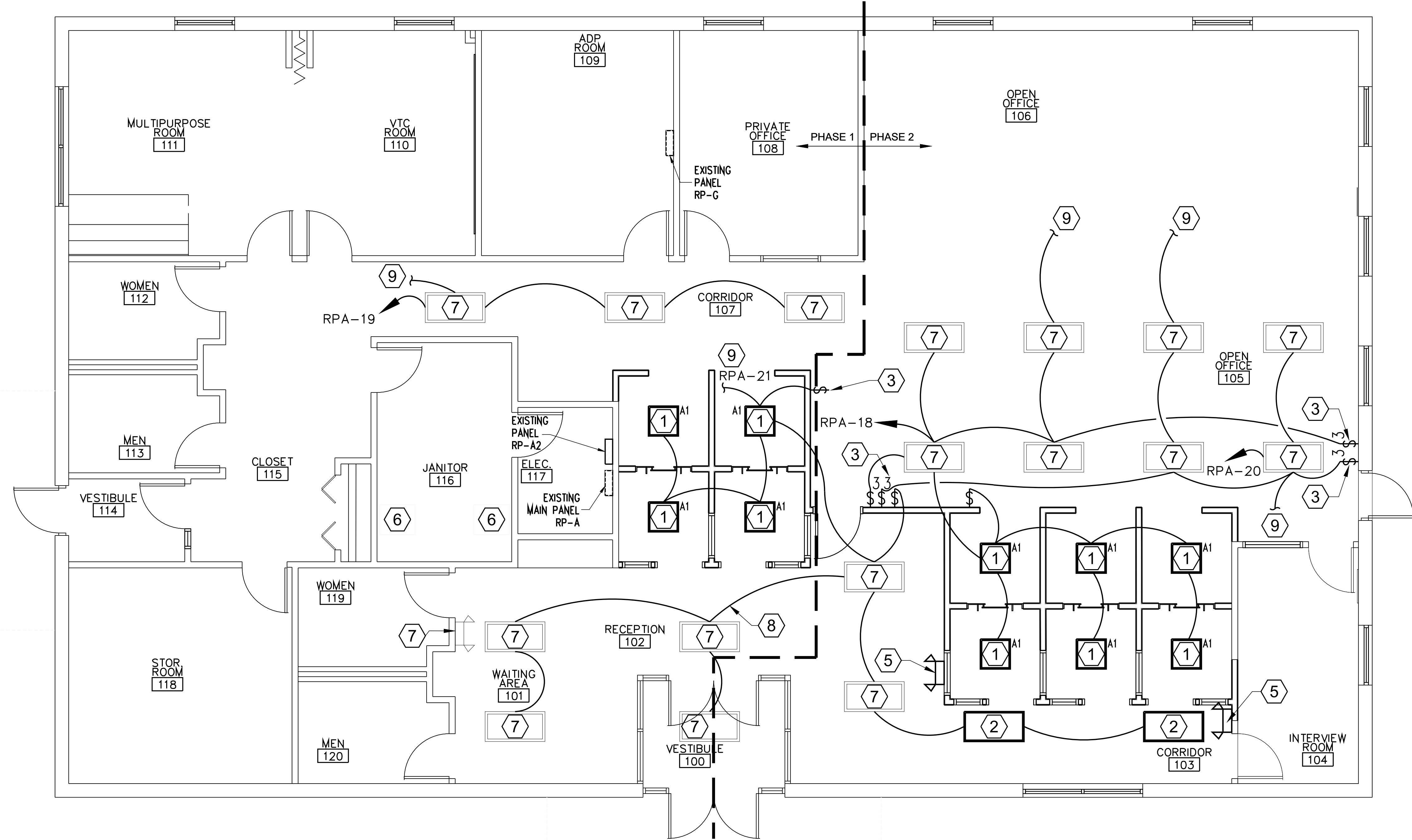
MK.	DATE	DESCRIPTION

DATE: 05-01-2024  
PROJECT NO: 150-3282  
DESIGN: JL DRAWN: JL CHECK: PJM

PROPOSED LIGHTING PLAN

E-102

- KEYED NOTES: (X)
- FURNISH / INSTALL NEW LUMINAIRE - SEE LUMINAIRE SCHEDULE ON THIS SHEET.
  - REINSTALL SALVAGED EXISTING LUMINAIRE. RECONNECT TO EXISTING CIRCUIT.
  - FURNISH / INSTALL NEW LIGHT SWITCH(ES) TO CONTROL LUMINAIRES INDICATED.
  - FURNISH / INSTALL NEW LIGHTING DIMMER SWITCH TO CONTROL NEW LUMINAIRES.
  - REINSTALL SALVAGED EXISTING EMERGENCY LUMINAIRE.
  - EXISTING EQUIPMENT TO REMAIN.
  - EXISTING LUMINAIRE TO REMAIN.
  - WIRE TO EXISTING AVAILABLE LUMINAIRE CIRCUIT.
  - CONNECT WIRING TO REMAINING LUMINAIRES ON EXISTING LIGHTING CIRCUIT.



NORTH  
  
**1**  
**E-102**  
**PROPOSED LIGHTING PLAN**  
 SCALE: 1/4"=1'-0"

- GENERAL NOTES:
- COORDINATE ALL WORK WITH OTHER TRADES.
  - PERFORM ALL WORK IN COMPLIANCE WITH APPLICABLE CODES.
  - COORDINATE EXACT LOCATION OF EQUIPMENT IN FIELD PRIOR TO WORK.
  - ALL WIRING SHALL BE CONCEALED WHERE POSSIBLE IN WALL, CEILING, OR SOFFIT SPACE. NM CABLE SHALL NOT BE USED.
  - ALL POWER CONDUCTORS TO BE MINIMUM #12 AWG COPPER UNLESS OTHERWISE NOTED.
  - ALL GROUNDING SHALL BE DONE IN ACCORDANCE WITH N.E.C.
  - ALL WALL SWITCHES AND OCCUPANCY SENSORS SHALL BE MOUNTED AT 48 INCHES A.F.F. TO CENTER OF DEVICE.
  - CONNECT EXIT AND EMERGENCY LUMINAIRES, INCLUDING EMERGENCY BALLASTS, TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING.
  - REFER TO SHEET E-103 FOR SYMBOL LEGEND.
  - REFER TO THIS SHEET FOR LUMINAIRE SCHEDULE.
  - REFER TO DETAIL 2/E-103 FOR INSTALLATION OF TELEDATA JACKS.
  - CONNECT LUMINAIRES AND POWER OUTLETS TO LOCAL AVAILABLE 20 AMP, 120 VOLT, 1 PHASE CIRCUIT. VERIFY IN FIELD THAT LOAD CAPACITY OF CIRCUITS USED IS NOT EXCEEDED.
  - WIRE NEW LUMINAIRE TO EXISTING AVAILABLE LOCAL CIRCUIT. VERIFY IN FIELD THAT LOAD CAPACITY OF CIRCUITS USED IS NOT EXCEEDED.
  - ALL LIGHTING AND RECEPTACLE CIRCUITS SHALL BE PROTECTED BY 20 AMP, 1 POLE BRANCH CIRCUIT BREAKERS IN PANELS INDICATED ON PLAN. SEE SHEET E-104 FOR PANEL SCHEDULES.
  - ONLY EXISTING LUMINAIRES AND WIRING DEVICES SHOWN ARE WITHIN SCOPE OF WORK UNLESS OTHERWISE NOTED. ALL OTHER EXISTING LUMINAIRES AND WIRING DEVICES NOT SHOWN ARE TO REMAIN.
  - ENSURE THAT ALL EXIT AND EMERGENCY LUMINAIRES ARE FED BY LOCAL 120 VOLT LIGHTING CIRCUIT AHEAD OF ANY SWITCHING.

LUMINAIRE SCHEDULE

ID	MANUFACTURER	MODEL #	VOLT	LAMPS	WATTS	TYPE	LOCATION	MOUNTING	REMARKS
A1	LITHONIA	2ESL2 33L MVOLT EZ1 LP835	120	LED	28	2X2 LENSED FIXTURE, EZ1 DIMMER	RECEPTION, CORRIDOR	RECESSED	3500K, 3300LM



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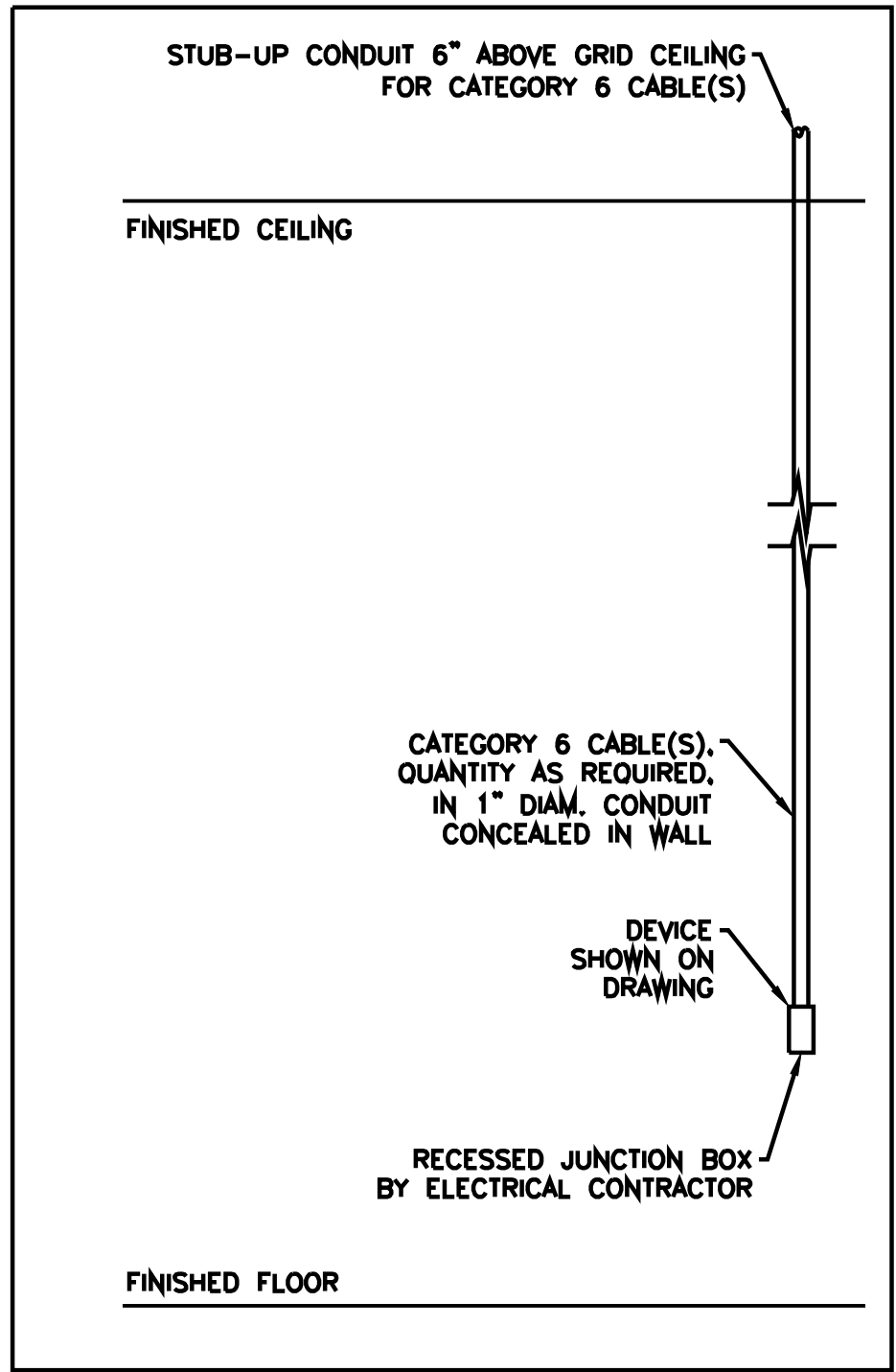
DATE: 05-01-2024  
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PROPOSED POWER AND SYSTEMS PLAN AND DETAIL

E-103

**SYMBOL LEGEND**

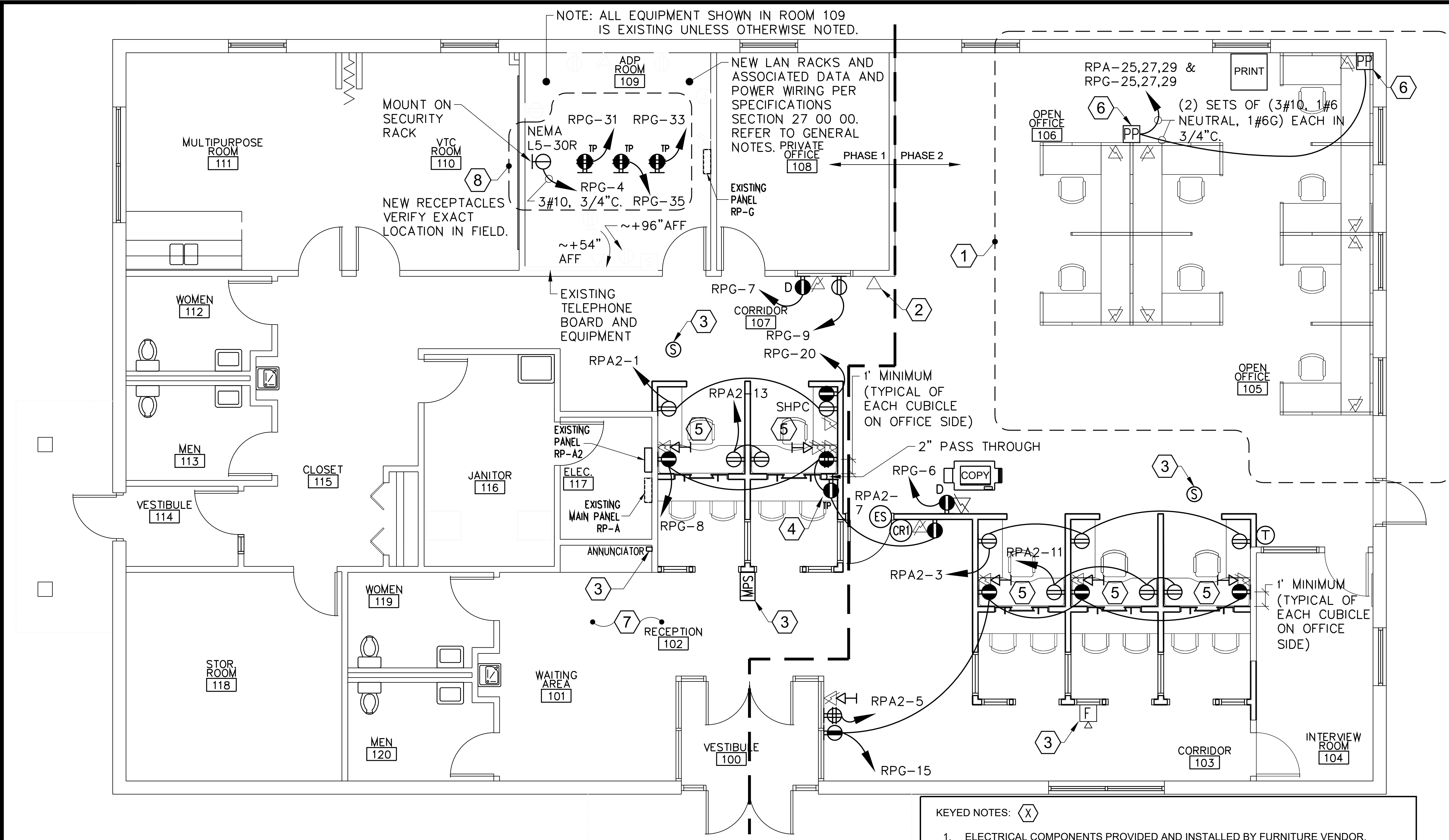
	LUMINAIRE (LETTER INDICATES TYPE)
	WALL SWITCH, SINGLE POLE, SINGLE THROW
	DIMMER SWITCH
	THREE-WAY WALL SWITCH
	FOUR-WAY WALL SWITCH
	POWER POLE
	DUPLEX ISOLATED GROUND RECEPTACLE
	DUPLEX RECEPTACLE; "D" INDICATES DEDICATED
	SPECIAL PURPOSE SIMPLEX RECEPTACLE; TYPE AS NOTED
	QUAD RECEPTACLE; "S" INDICATES HALF SWITCHED
	DUPLEX UNSWITCHED GRAY ISOLATED GROUND RECEPTACLE; "TP" INDICATES TAMPER PROOF
	QUAD UNSWITCHED GRAY ISOLATED GROUND RECEPTACLE
	CAT 6 LAN DROP
	DATA/PHONE JACK
	DURESS ALARM TO SHARE BOX W/LAN DROP; CCTV CABLING TO SHARE BOX W/LAN DROP (EXISTING MAY BE REUSED WHERE POSSIBLE)
	SMOKE DETECTOR
	MANUAL PULL STATION
	FIRE ALARM HORN/STROBE
	EMERGENCY LUMINAIRE WITH EMERGENCY HEADS
	PANELBOARD
	FISH EYE CAMERA
	ELECTRIC STRIKE WITH LOW VOLTAGE TRANSFORMER - SEE 2/E-104 FOR ADDITIONAL INFORMATION
	CARD READER - SEE 2/E-104 FOR ADDITIONAL INFORMATION



2  
E-103

**TELEDATA MOUNTING DETAIL**

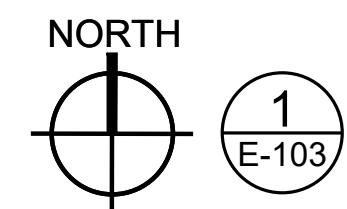
SCALE: NONE



**KEYED NOTES:**

- ELECTRICAL COMPONENTS PROVIDED AND INSTALLED BY FURNITURE VENDOR, INCLUDING RECEPTACLES AND TELDATA JACKS. ALL POWER AND DATA WIRING FOR CUBICLES SHALL BE ROUTED THROUGH FURNITURE FEEDS. POWER POLE WIRING SHALL SHARE AN UPSIZED NEUTRAL AND CIRCUIT BREAKER FOR EACH SET OF (3) CIRCUITS.
- TELEPHONE JACK FOR THE TDD. IF EXISTING, MAY BE REUSED. VERIFY IN FIELD.
- REINSTALL SALVAGED EXISTING DEVICE AND RECONNECT WIRING AS REQUIRED.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A TAMPER PROOF PLATE AND WALL PLATE ON PUBLIC SIDE OF WINDOW BELOW COUNTERTOP. FURNISH AND INSTALL A DATA WALL PASS (LEGRAND WP1014WHV1 OR EQUIVALENT) THROUGH WALL PLATE ON BOTH SIDES OF WALL WITH A 2" CONDUIT BETWEEN THE OFFICE AND PUBLIC SIDE. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL A ESCUTCHEON ON PUBLIC COUNTERTOP FOR CABLES TO PASS THROUGH. INCLUDE A GROMMET FOR DATA CABLES TO PASS THROUGH BARRIER WALL, AND A TAMPER PROOF RECEPTACLE ABOVE THE COUNTER ON THE VISITOR SIDE.
- LOCATION OF UNDER DESK DURESS ALARM, COMPATIBLE WITH EXISTING. DETERMINE TYPE IN FIELD. CONNECT TO MATCH EXISTING PRIOR TO WORK.
- POWER POLE(S) WITH PROVISIONS FOR POWER AND DATA TO SERVE ADJACENT CUBICLES. QUANTITY AS REQUIRED. DETERMINE EXACT LOCATION IN FIELD. CONNECT POWER AND DATA WIRING TO FURNITURE WIRING IN THE ADJACENT CUBICLES. (SHARED NEUTRAL WIRES ARE UPSIZED FOR NON-LINEAR LOADS.) CIRCUIT WIRE INSULATION SHALL BE THHN/THWN. ISOLATE GROUND FOR PANEL RPG CIRCUITS.
- RELOCATE ALL EXISTING SPEAKERS IN LOBBY, (WAITING ROOM 101 AND RECEPTION ROOM 102 AREA), SO THAT THEY ARE ABOVE THE PUBLIC SEATING AND GUARD AREA ONLY. VERIFY EXACT LOCATIONS WITH OWNER. REROUTE AND EXTEND ASSOCIATED WIRING AND RACEWAYS TO NEW SPEAKER LOCATIONS AS REQUIRED.
- RECEPTACLES INDICATED SHALL BE (3) QUAD TECHNICAL POWER (TP) (GRAY 5-20R), ONE FOR EACH LAN RACK FACING THE WALL, AND (1) SIMPLEX (L5-30R) ON BASE FACING BACK WALL. MOUNT AT BOTTOM OF RACKS. CONNECT EACH TP RECEPTACLE WITH SEPARATE ISOLATED GROUND BACK TO PANEL IN MINIMUM 3/4" EMT CONDUIT FEEDING THE RACKS, BUT NOT COVERING THE HOLES ON THE VERTICAL RAILS.

NOTE: ALL EQUIPMENT SHOWN IN ROOM 109 IS EXISTING UNLESS OTHERWISE NOTED.



**PROPOSED POWER AND SYSTEMS PLAN**

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

**GENERAL NOTES:**

- COORDINATE ALL WORK WITH OTHER TRADES.
- PERFORM ALL WORK IN COMPLIANCE WITH APPLICABLE CODES.
- COORDINATE EXACT LOCATION OF EQUIPMENT IN FIELD PRIOR TO WORK.
- ALL WIRING SHALL BE CONCEALED WHERE POSSIBLE IN WALL, CEILING, OR SOFFIT SPACE. NM CABLE SHALL NOT BE USED.
- ALL POWER CONDUCTORS TO BE MINIMUM #12 AWG COPPER UNLESS OTHERWISE NOTED.
- ALL GROUNDING SHALL BE DONE IN ACCORDANCE WITH N.E.C.
- ALL WALL SWITCHES AND OCCUPANCY SENSORS SHALL BE MOUNTED AT 48 INCHES A.F.F. TO CENTER OF DEVICE.
- CONNECT EXIT AND EMERGENCY LUMINAIRES, INCLUDING EMERGENCY BALLASTS, TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING.
- REFER TO SHEET E-103 FOR SYMBOL LEGEND.
- REFER TO SHEET E-102 FOR LUMINAIRE SCHEDULE.
- REFER TO DETAIL 2/E-103 FOR INSTALLATION OF TELEDATA JACKS.
- CONNECT LUMINAIRES AND POWER OUTLETS TO LOCAL AVAILABLE 20 AMP, 120 VOLT, 1 PHASE CIRCUIT. VERIFY IN FIELD THAT LOAD CAPACITY OF CIRCUITS USED IS NOT EXCEEDED.
- GROUND WIRING TO ISOLATED GROUND RECEPTACLES SHALL BE ELECTRICALLY ISOLATED BACK TO SOURCE.
- ALL LIGHTING AND RECEPTACLE CIRCUITS SHALL BE PROTECTED BY 20 AMP, 1 POLE BRANCH CIRCUIT BREAKERS IN EXISTING 120 VOLT PANELS INDICATED ON PLAN. SEE SHEET E-104 FOR PANEL SCHEDULES.
- ONLY EXISTING LUMINAIRES AND WIRING DEVICES SHOWN ARE WITHIN SCOPE OF WORK UNLESS OTHERWISE NOTED. ALL OTHER EXISTING LUMINAIRES AND WIRING DEVICES NOT SHOWN ARE TO REMAIN.
- SEE SSA SIB, FOTDG DOCUMENTS FOR ADDITIONAL INFORMATION ON INTERVIEW BAYS AND LOCATION OF POWER AND SYSTEM ELEMENTS.
- ENSURE SEPARATION BARRIER BETWEEN LINE VOLTAGE AND LOW VOLTAGE WIRING PER NEC.
- REFER TO SPECIFICATION SECTION 27 00 00 FOR COMMUNICATION WIRING AND EQUIPMENT PERTAINING TO NEW LAN RACKS. DETERMINE RACK LOCATIONS BASED UPON EXISTING RACKS IN ADP ROOM 109 TO BE REPLACED WHERE PRACTICAL.



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SCHEDULES AND RISER DIAGRAM

E-104

400A MCB, 120/208 V, 3PH,4W SURFACE MOUNTED						NEW CONN. LOAD = 22710 VA						EXISTING PANEL RPA WITH 200A/3P SUB-FEED					
DIRECTORY	LOADS	BREAKER	CKT	CKT	BREAKER	LOADS	DIRECTORY	LOADS	BREAKER	CKT	CKT	BREAKER	LOADS	DIRECTORY			
EXISTING		30A/2P	1	2	30A/2P		EXISTING										
---		---	3	4	---		---										
EXISTING		30A/2P	5	6	50A/2P		EXISTING										
---		---	7	8	---		---										
EXISTING		30A/2P	9	10	20A/1P		EXISTING										
---		---	11	12	20A/1P		EXISTING										
EXISTING		20A/1P	13	14	20A/1P		EXISTING										
EXISTING		20A/1P	15	16	20A/1P		EXISTING										
EXISTING		20A/1P	17	18	20A/1P	900	LUMINAIRES RM 105-106										
LUMINAIRES RM 107	1260	20A/1P	19	20	20A/1P	1260	LUMINAIRES RM 104-106										
LUMINAIRES RM 101-103	930	20A/1P	21	22	20A/1P												
EXISTING		20A/1P	23	24	20A/1P		EXISTING										
POWER POLE	720		25	26	20A/1P		EXISTING										
FURNITURE RECEPT. RM 106	720	20A/3P	27	28	20A/1P		EXISTING										
	720		29	30	20A/1P		EXISTING										
EXISTING		20A/1P	31	32	20A/1P		EXISTING										
EXISTING		20A/1P	33	34	20A/1P		EXISTING										
EXISTING		20A/1P	35	36	20A/1P		EXISTING										
EXISTING		20A/1P	37	38	20A/1P		EXISTING										
EXISTING		20A/1P	39	40			SPACE										
SPACE			41	42			SPACE										

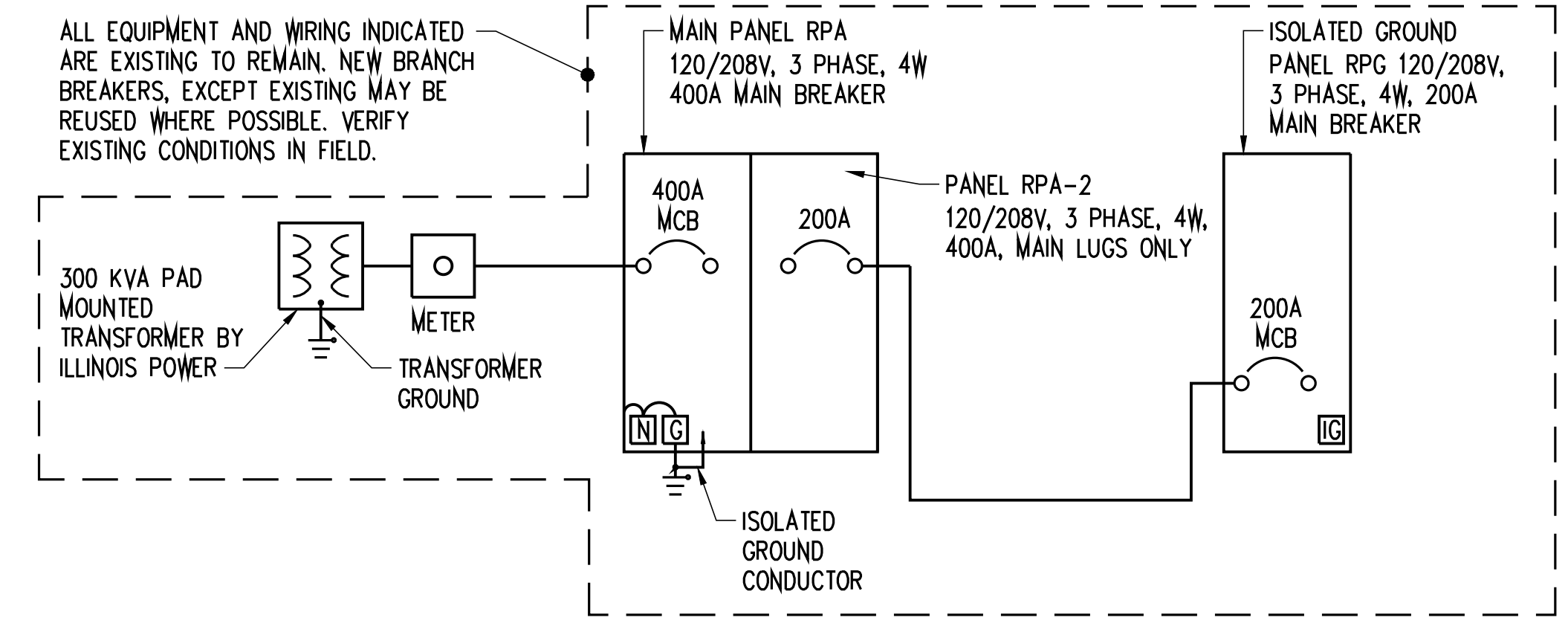
GENERAL NOTES, NEW PANEL SCHEDULE:  
1. COORDINATE EXACT CIRCUIT BREAKER SIZES FOR EQUIPMENT WITH MANUFACTURER REQUIREMENTS.

200A MCB, 120/208 V, 3PH,4W SURFACE MOUNTED						NEW CONN. LOAD = 16900 VA						EXISTING PANEL RPG					
DIRECTORY	LOADS	BREAKER	CKT	CKT	BREAKER	LOADS	DIRECTORY	LOADS	BREAKER	CKT	CKT	BREAKER	LOADS	DIRECTORY			
SPARE		20A/1P	1	2	20A/1P	840	RECPT. RM 105, 106										
RECPT. RM 106	840	20A/1P	3	4	30A/1P	2500	SPECIAL RECPT. RM 109										
RECPT. RM 106	840	20A/1P	5	6	20A/1P	1200	RECPT. RM 105, COPIER										
PRINTER	1200	20A/1P	7	8	20A/1P	900	RECPT. RM 107, SSA-PUBLIC BAY WEST										
FAX	180	20A/1P	9	10	20A/1P	420	RECPT. RM 102, VIP KIOSK										
EXISTING		20A/1P	11	12	20A/1P		EXISTING										
EXISTING		20A/1P	13	14	20A/1P		EXISTING										
RECPT. SSA-PUBLIC BAY EAST/WEST	960	20A/1P	15	16	20A/1P		EXISTING										
EXISTING		20A/1P	17	18	20A/1P		EXISTING										
RECPT. SSA-PUBLIC BAY EAST	840	20A/1P	19	20	20A/1P		RECPT. RM 107, SSA-PUBLIC BAY WEST										
RECPT. RM. 102	420	20A/1P	21	22	20A/1P	420	RECPT. SSA-PUBLIC BAY EAST										
RECPT. RM 105, 106	840	20A/1P	23	24	20A/1P	840	SSA-PUBLIC BAY WEST										
POWER POLE	720		25	26	20A/1P		EXISTING										
FURNITURE RECEPT. RM 106	720	20A/3P	27	28	20A/1P		EXISTING										
	720		29	30	20A/1P		EXISTING										
RECPT. RM. 109	500	20A/1P	31	32	20A/1P		EXISTING										
RECPT. RM. 109	500	20A/1P	33	34	20A/1P		EXISTING										
RECPT. RM. 109	500	20A/1P	35	36	20A/1P		EXISTING										
EXISTING		20A/1P	37	38	20A/1P		EXISTING										
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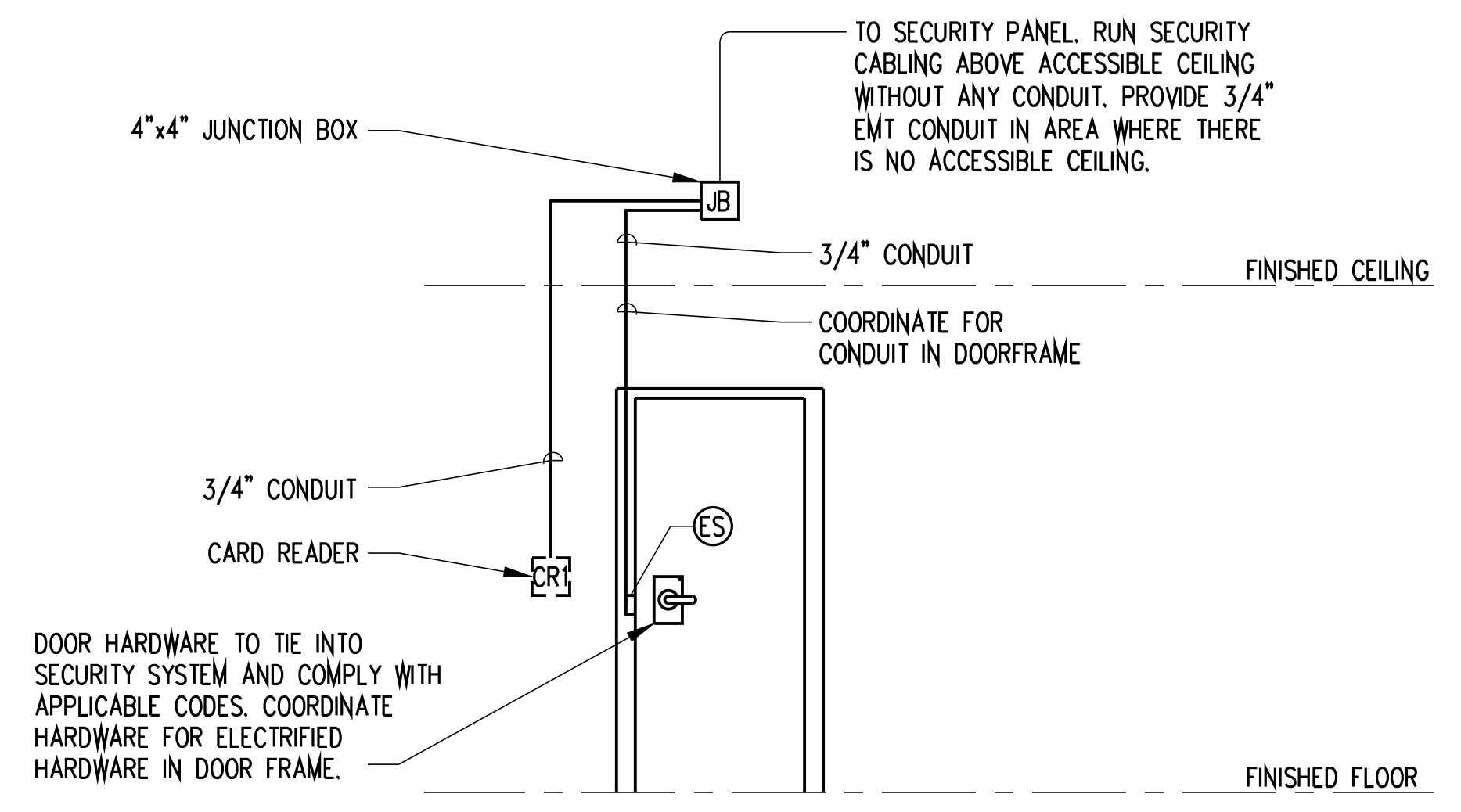
GENERAL NOTES, NEW PANEL SCHEDULE:  
1. COORDINATE EXACT CIRCUIT BREAKER SIZES FOR EQUIPMENT WITH MANUFACTURER REQUIREMENTS.

400A MLO, 120/208 V, 3PH,4W SURFACE MOUNTED						NEW CONN. LOAD = 3520 VA						EXISTING PANEL RPA2					
DIRECTORY	LOADS	BREAKER	CKT	CKT	BREAKER	LOADS	DIRECTORY	LOADS	BREAKER	CKT	CKT	BREAKER	LOADS	DIRECTORY			
RECPT. SSA-PUBLIC BAYS WEST	360	20A/1P	1	2	20A/1P		SPARE										
RECPT. SSA-PUBLIC BAYS EAST	540	20A/1P	3	4	20A/1P		SPARE										
RECPT. RM 102/103, GUARD STATION	360	20A/1P	5	6	20A/1P		EXISTING										
ELECTRIC STRIKE	100	20A/1P	7	8	20A/1P		EXISTING										
RECPT. RM 105	180	20A/1P	9	10	20A/1P	1080	RECPT. RM 105-106										
RECPT. SSA-PUBLIC BAYS EAST	540	20A/1P	11	12	20A/1P		SPARE										
RECPT. SSA-PUBLIC BAYS WEST	360	20A/1P	13	14	20A/1P		EXISTING										
EXISTING		20A/1P	15	16	15A/1P		EXISTING										
EXISTING		20A/1P	17	18	20A/2P		EXISTING										
EXISTING		15A/1P	19	20	---		EXISTING										
SPACE			21	22			SPACE										
SPACE			23	24			SPACE										
SPACE			25	26			SPACE										
SPACE			27	28			SPACE										
SPACE			29	30			SPACE										

GENERAL NOTES:  
1. COORDINATE EXACT CIRCUIT BREAKER SIZES FOR EQUIPMENT WITH MANUFACTURER REQUIREMENTS.



1 ONE LINE POWER DIAGRAM  
SCALE: NONE



2 INTERIOR DOOR CONDUIT PLAN  
SCALE: NONE