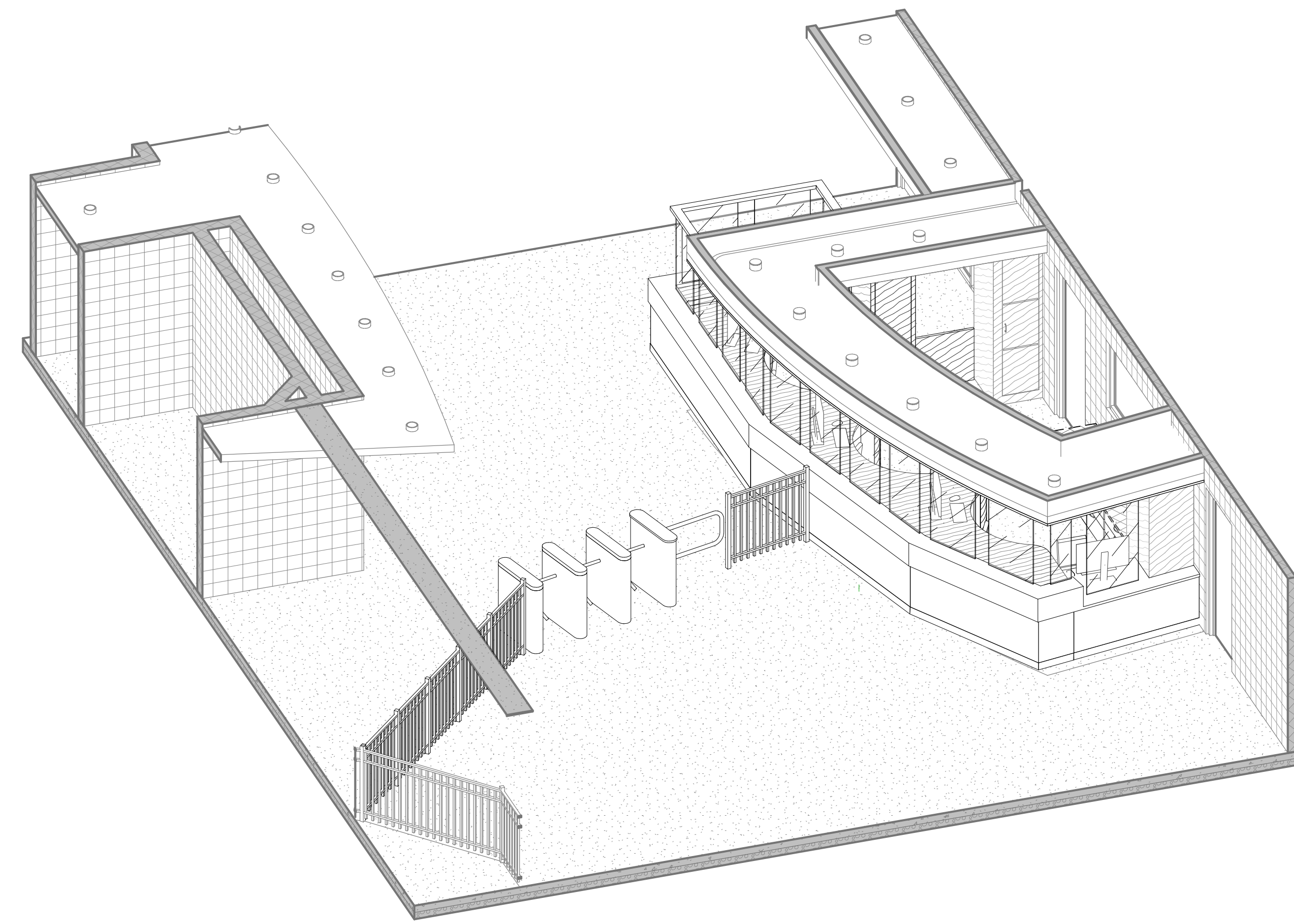


WAUKEGAN PARK DISTRICT CONTROL DESK

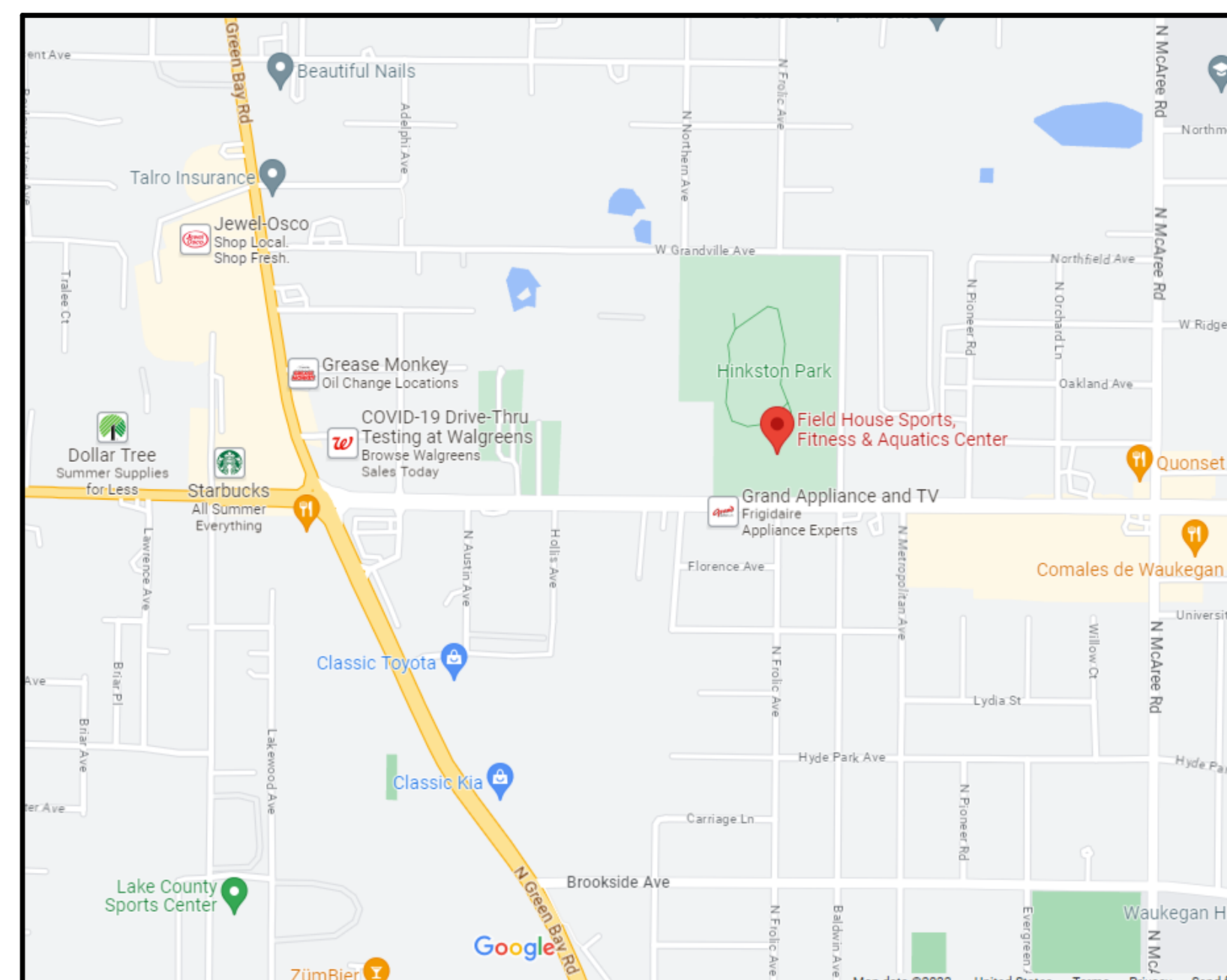
800 Baldwin Avenue

Waukegan, IL 60085



1 ISOMETRIC VIEW CONTROL DESK

SITE LOCATION MAP



SCHEDULE OF DRAWINGS

GENERAL DRAWINGS	
G-201	SYMBOLS AND PROJECT GENERAL NOTES
ARCHITECTURAL DRAWINGS	
A-101	FIRST FLOOR PLAN
A-401	ENLARGED CASEWORK PLANS, INTERIOR ELEVATIONS & DETAILS
ELECTRICAL DRAWINGS	
DE-101	ELECTRICAL DEMOLITION PLAN
E-101	ELECTRICAL PLAN

LEGAT ARCHITECTS
DESIGN | PERFORMANCE | SUSTAINABILITY

WAUKEGAN
PARK
DISTRICT



CONTROL DESK

800 Baldwin Avenue
Waukegan, IL 60085

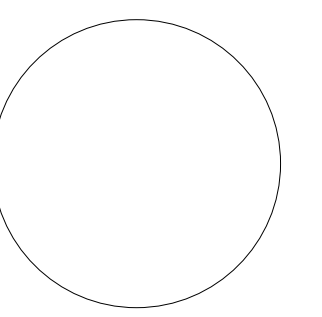
ARCHITECT

Legat Architects
1125 TRI STATE PARKWAY
SUITE 730, GURNEE, IL 60031
P: 847.662.3535
F: xxx.xxx.xxxx
www.legat.com

MEP/FP ENGINEER

2010 ENGINEERING

1216 TOWER ROAD
SCHAMBURG, IL 60173
P: 847.882.2010
F: xxx.xxx.xxxx
www.2010ENGINEERING.com



SIGNATURE _____
DATE _____

REVISIONS

NO.	DESCRIPTION	DATE
1	REVIEW 1	03.08.16

PROJECT NUMBER	223026.01
DATE OF ISSUE	7/17/23
DRAWN BY	MT
CHECKED BY	TH

TITLE SHEET

BOARD OF TRUSTEES

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7/17/23

ARCHITECT'S PROJECT NUMBER

223026.01

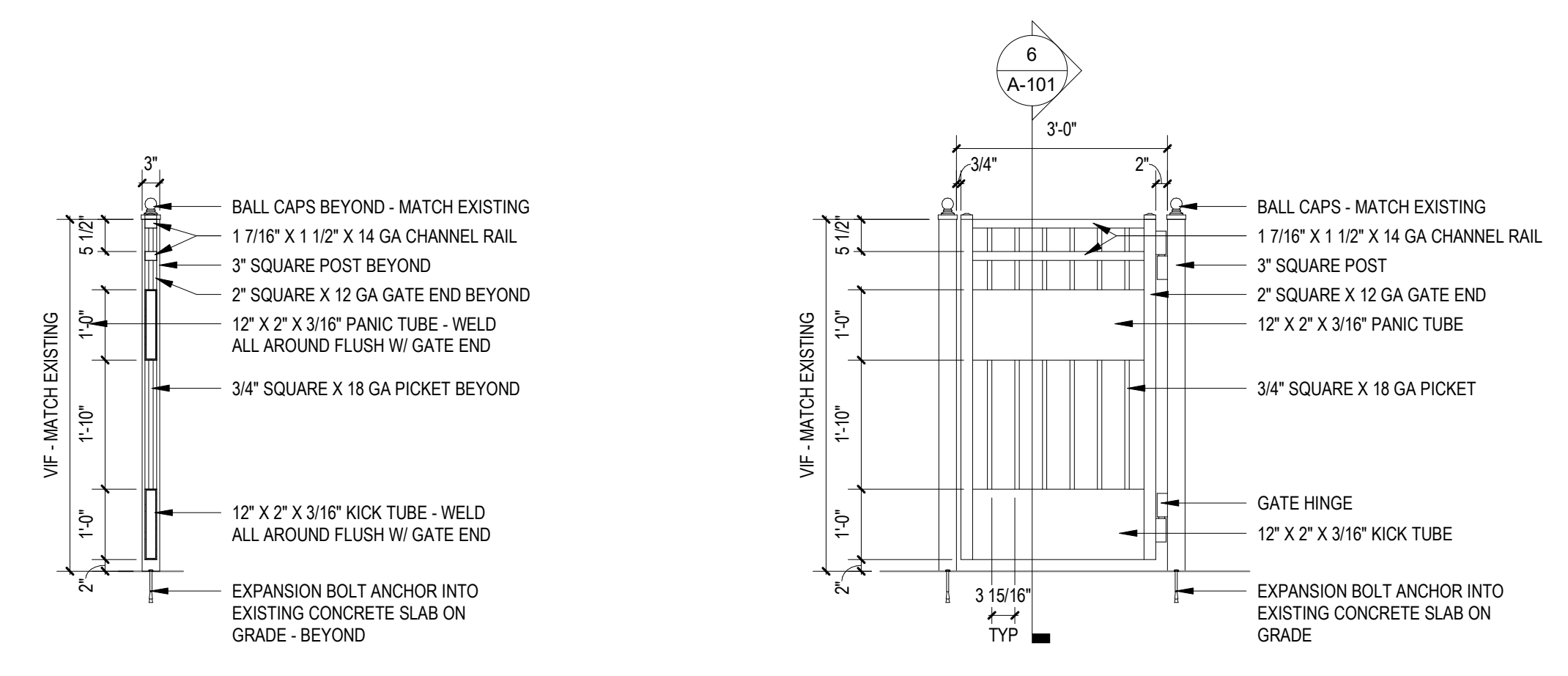
LEGAT ARCHITECTS
DESIGN | PERFORMANCE | SUSTAINABILITY



G-001
Issued for Bidding

FINISH LEGEND & SCHEDULE		
MT	MILLWORK METAL CORNER TRIM	MANUF: KUBERT STYLE: KW-H COLOR: ANODIZED ALUMINUM SILVER SIZE: ROUNDED CORNER 1 1/8"
MB-1	METAL BASE AT CASEWORK	MANUF: FRY REGLET STYLE: SF-DRIBBLES00C-6 COLOR: SATIN STAINLESS STEEL SIZE: 6"
RB-1	RUBBER BASE	MANUF: TARKETT STYLE: STRAIGHT COLOR: TBD SIZE: 4"
SSF-1	SOLID SURFACE	MANUF: WILSONART STYLE: SOLID SURFACE COLOR: AVALANCHE MELANGE
PLAM-1	PLASTIC LAMINATE	MANUF: WILSONART COLOR: SESAME VELVET ELM FINISH: TRAGELESS
TRZ-P	TERAZZO FLOORING	MANUF: TM SUPPLY COLOR: MATCH EXISTING FINISH: MATCH EXISTING

PAINT LEGEND & SCHEDULE		
PNT-1	FIELD PAINT	MANUF: SHERWIN WILLIAMS COLOR: ALABASTER SHEEN: EGGSHELL



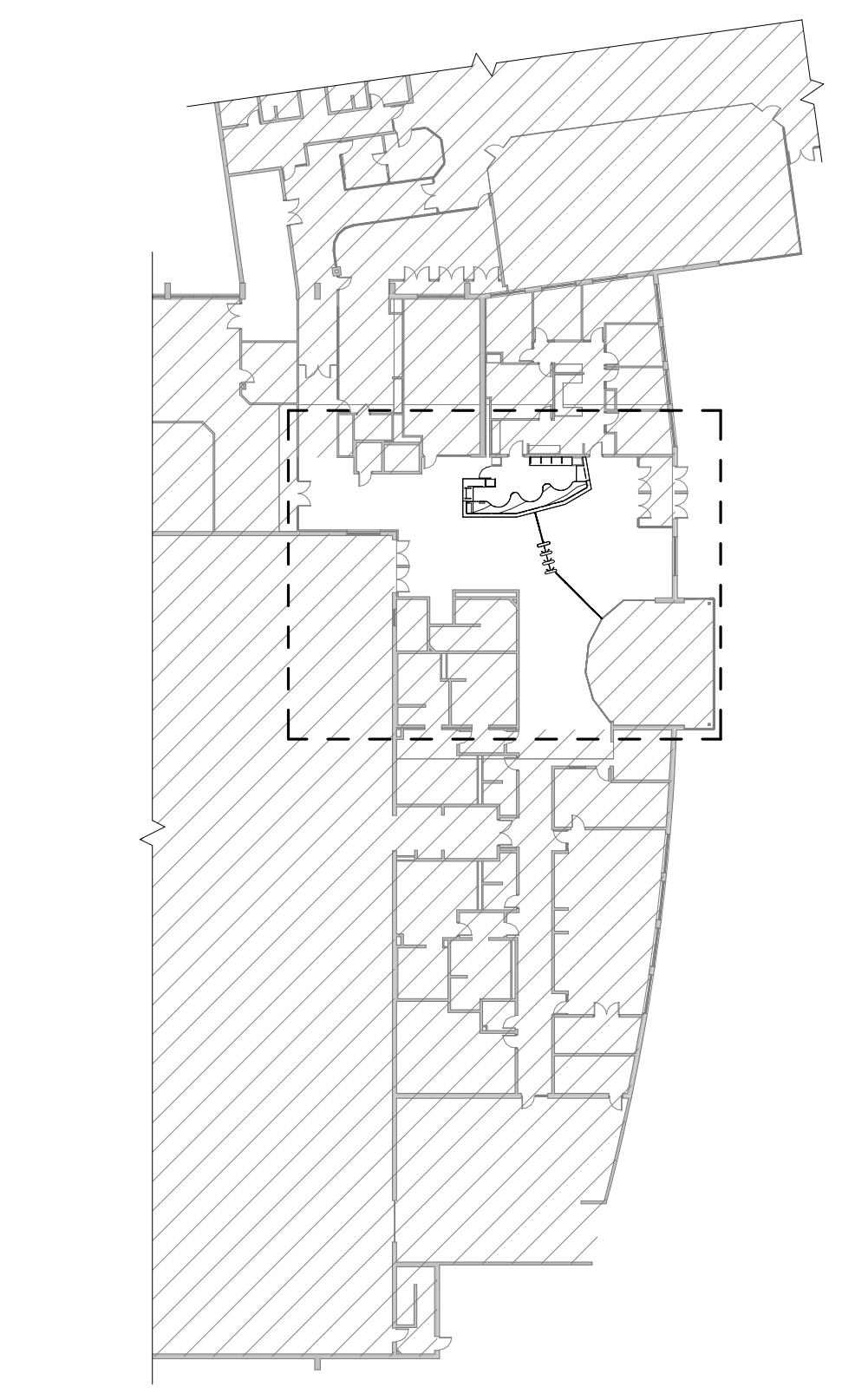
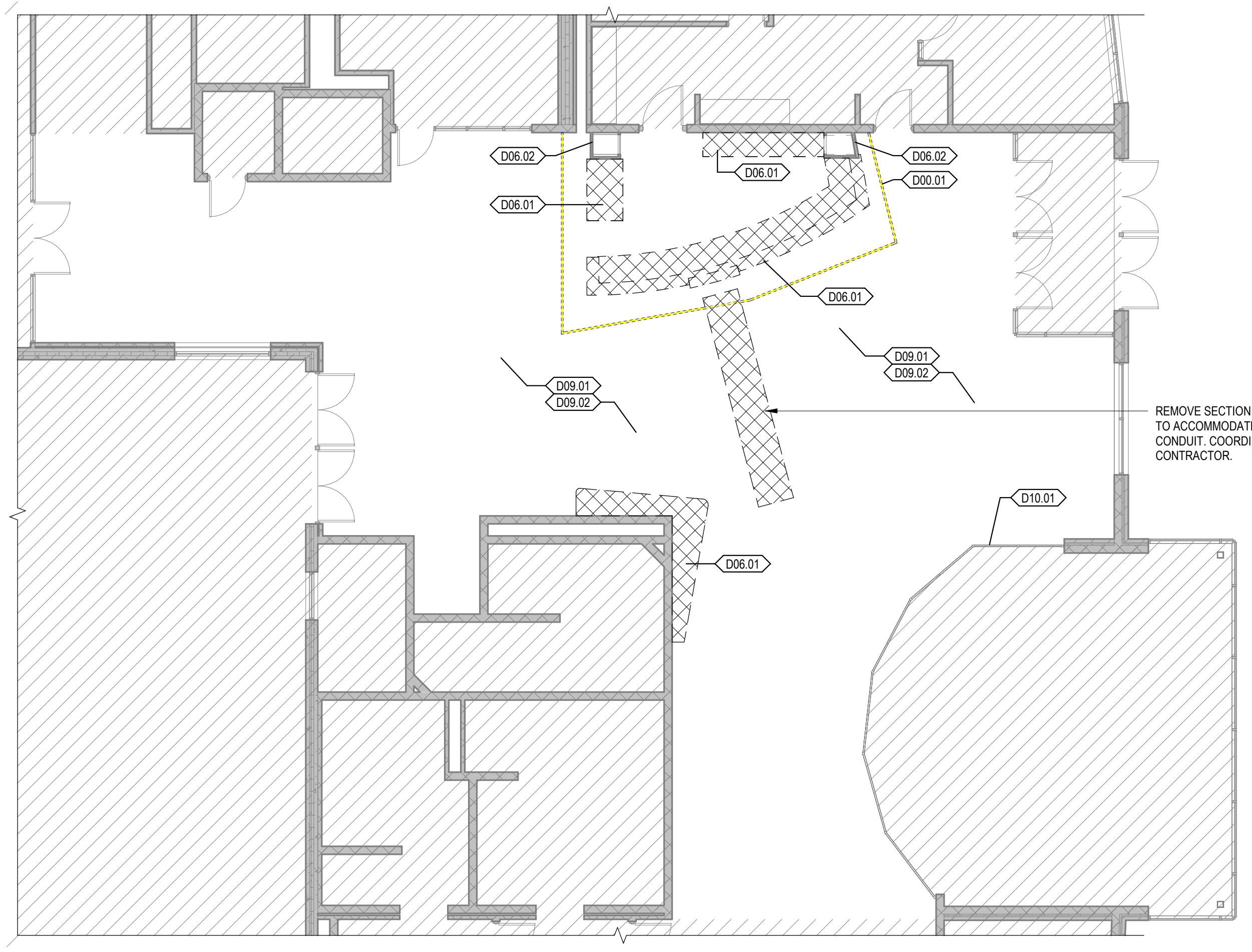
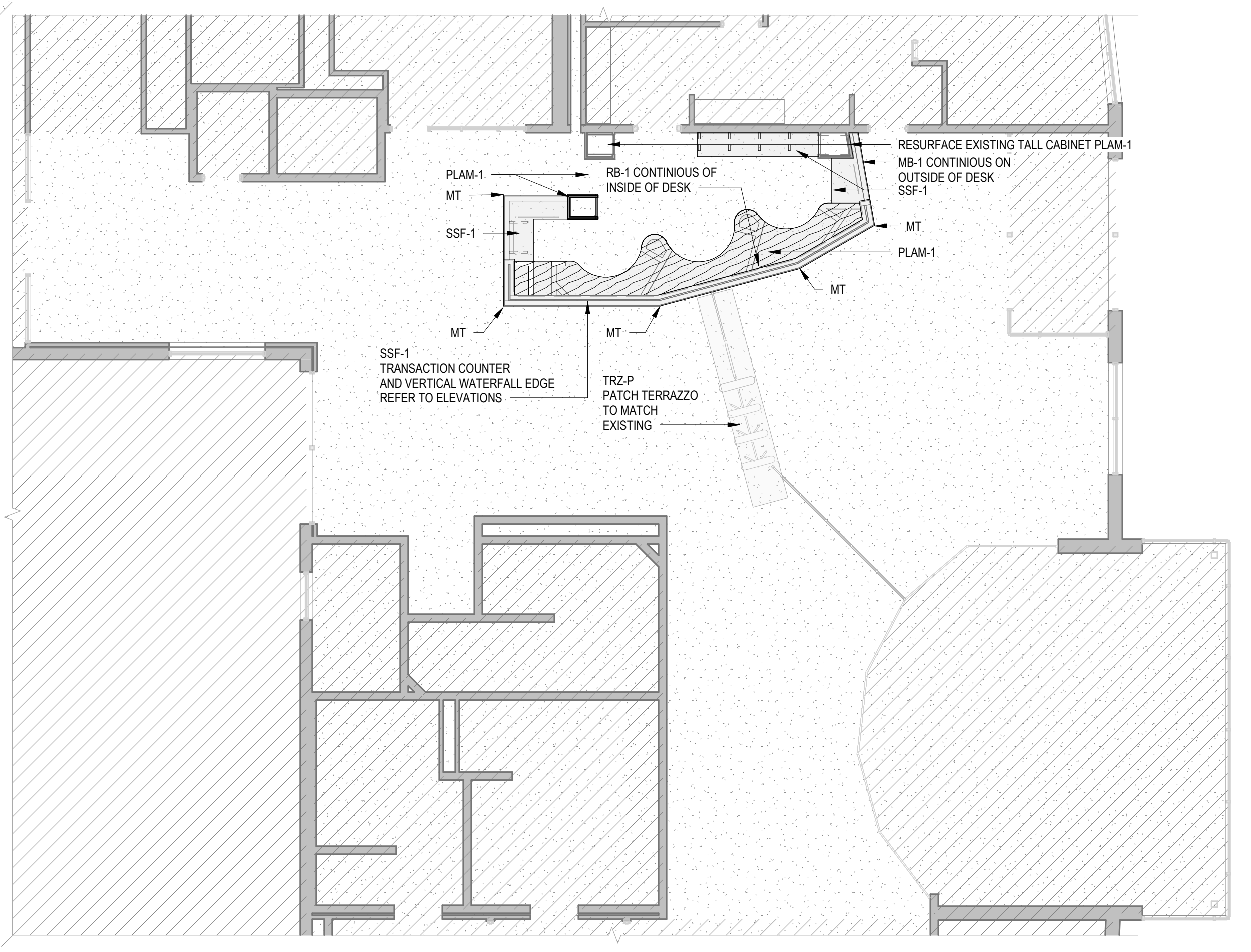
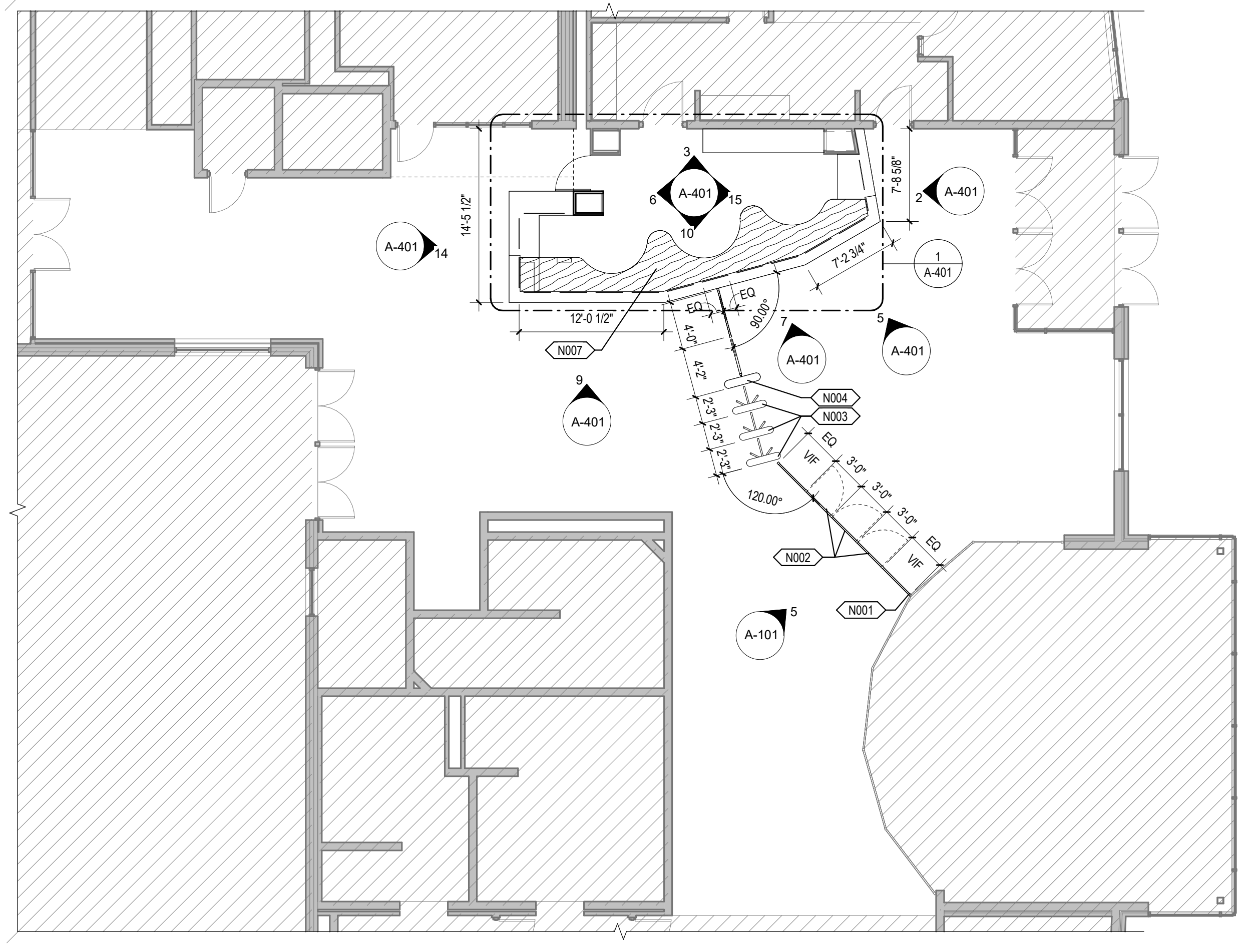
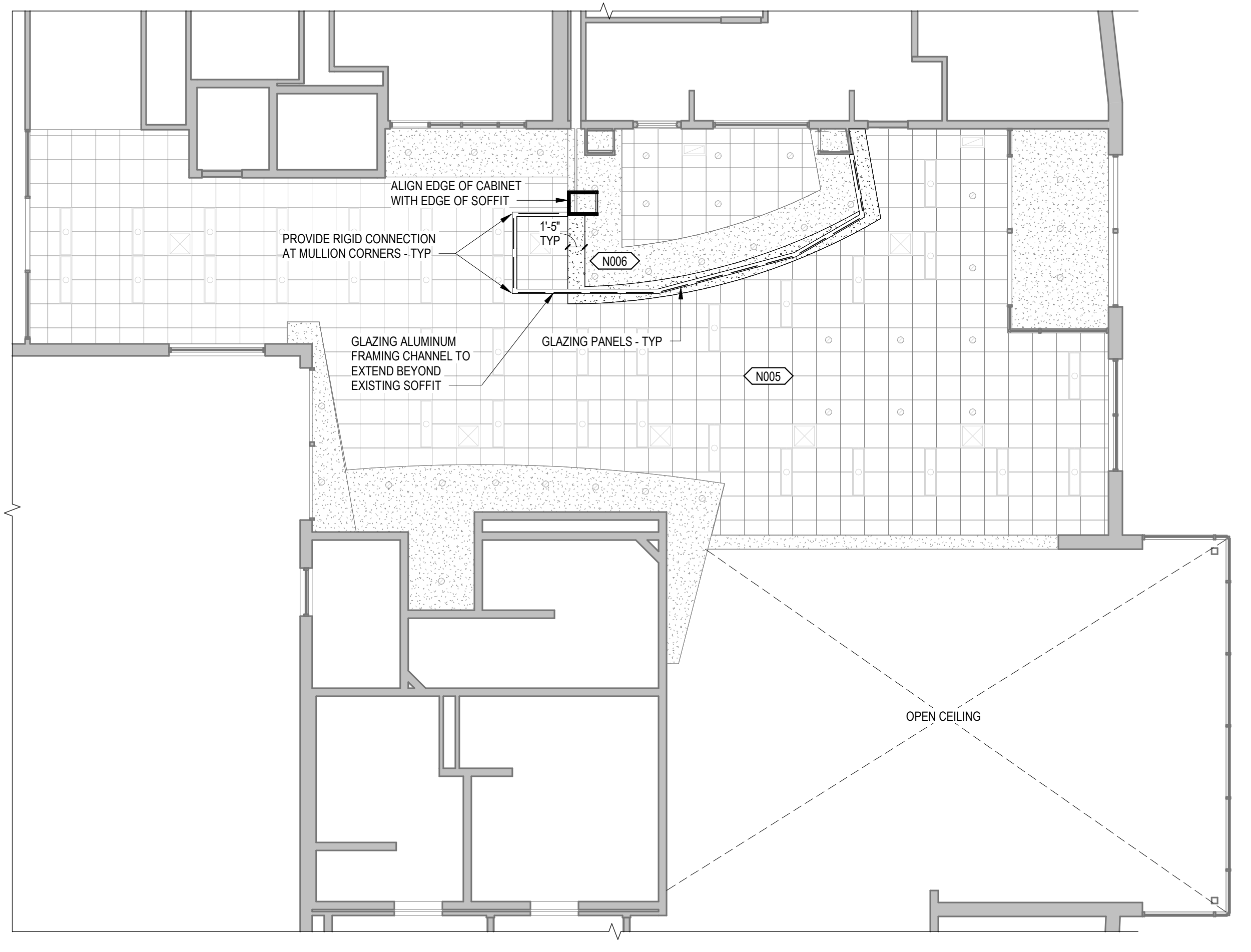
DEMOLITION LEGEND	
	DEMOLITION TAG
	EXISTING WALLS TO REMAIN
	EXISTING DOORS TO REMAIN
	ITEMS TO BE DEMOLISHED

DEMOLITION NOTES	
NOTE	DESCRIPTION
00.01	PROVIDE CONSTRUCTION ENCLOSURE FOR DUST CONTAINMENT
06.01	REMOVE EXISTING PORTION OF RECEPTION DESK AS INDICATED
06.02	EXISTING CASEWORK TO REMAIN
09.01	EXISTING TERRAZZO FLOOR TO REMAIN, PROTECT FROM DAMAGE
09.02	EXISTING ACT AND GYPSUM SOFFITS TO REMAIN, PROTECT FROM DAMAGE
10.01	EXISTING GUARDRAIL TO REMAIN

FLOOR PLAN LEGEND			
	SIM	ROOM NAME	ROOM NUMBER
	1	DETAIL SECTION TAG	
	1	BUILDING & WALL SECTION TAG	
	A101	INTERIOR ELEVATION TAG	
	NW##	NEW WORK NOTE	
		AREA NOT IN CONTRACT	
	CG	CORNER GUARD - REFER TO DETAIL	

ARCHITECTURAL PLAN NOTES	
NOTE	DESCRIPTION
N001	NEW GUARDRAIL TO MATCH EXISTING, TIE-IN TO EXISTING POST
N002	NEW SELF CLOSING GATE TO MATCH EXISTING GUARDRAIL WITH PANIC HARDWARE
N003	TURNSTILES, REFER TO ELECTRICAL
N004	ADA TURNSTILE, REFER TO ELECTRICAL
N005	ACT CEILING SYSTEM AND ALL ASSOCIATED LIGHTING, DEVICES, AND DIFFUSERS TO REMAIN
N006	GYPSUM SOFFIT, CAN LIGHTS, AND TRACK TO REMAIN
N007	PATCH THE TERRAZZO FLOOR AT THE EXISTING CONDUIT PENETRATIONS AND EXISTING COUNTER ANCHORING POINTS

REFLECTED CEILING PLAN LEGEND	
	FINISHED CEILING ELEVATION
	EXISTING 2' X 2' SUSPENDED ACOUSTICAL CEILING TILE
	EXISTING GYPSUM BOARD CEILING OR SOFFIT
	EXISTING RECESSED CAN LUMINAIRE
	EXISTING 1' X 4' LUMINAIRE
	EXISTING RETURN DIFFUSER
	EXISTING SUPPLY DIFFUSER



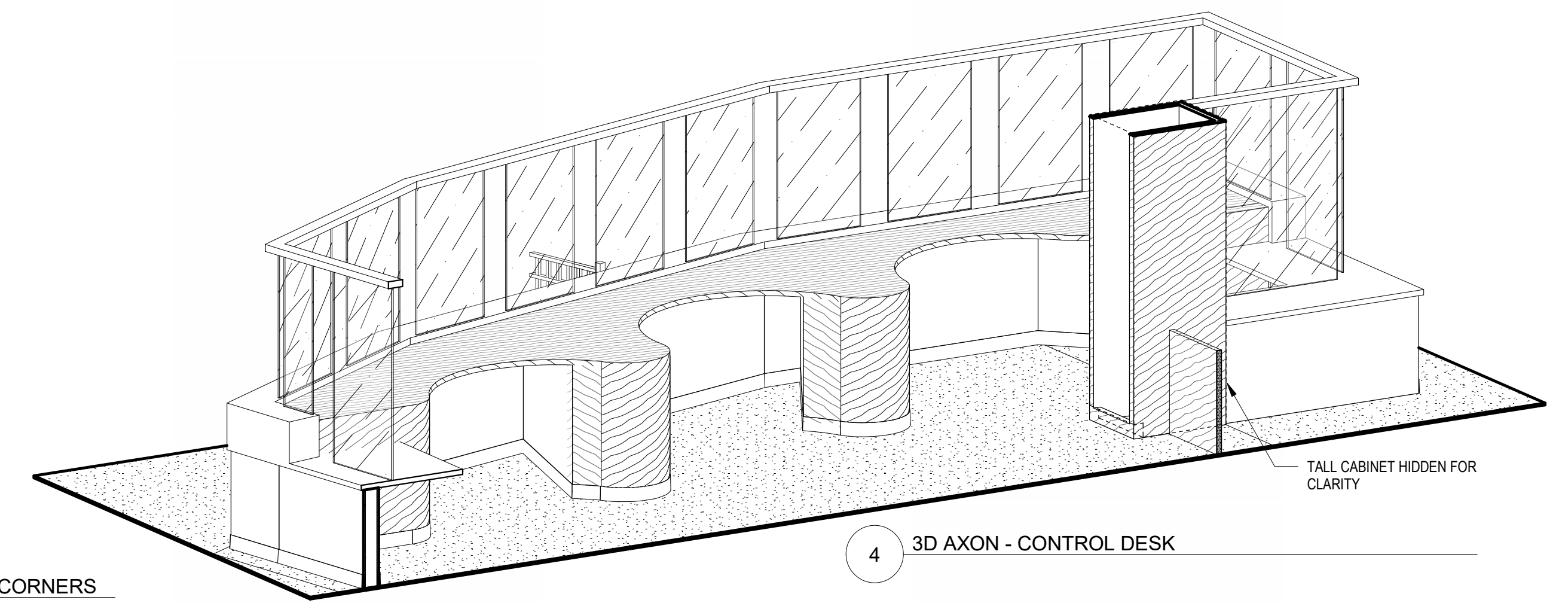
REVISIONS		
NO.	DESCRIPTION	DATE

CONTROL DESK

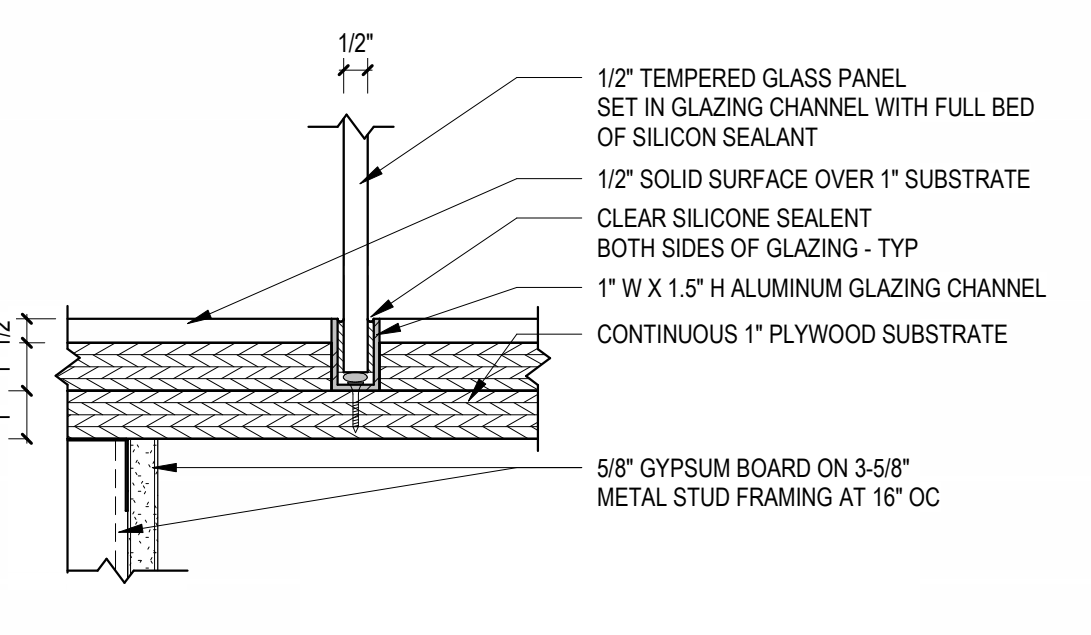
800 Baldwin Avenue
Waukegan, IL 60085

ARCHITECT
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1125 TRI STATE PARKWAY
SUITE 730, GURNEE, IL 60031
P: 847.662.3535
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www.legat.com

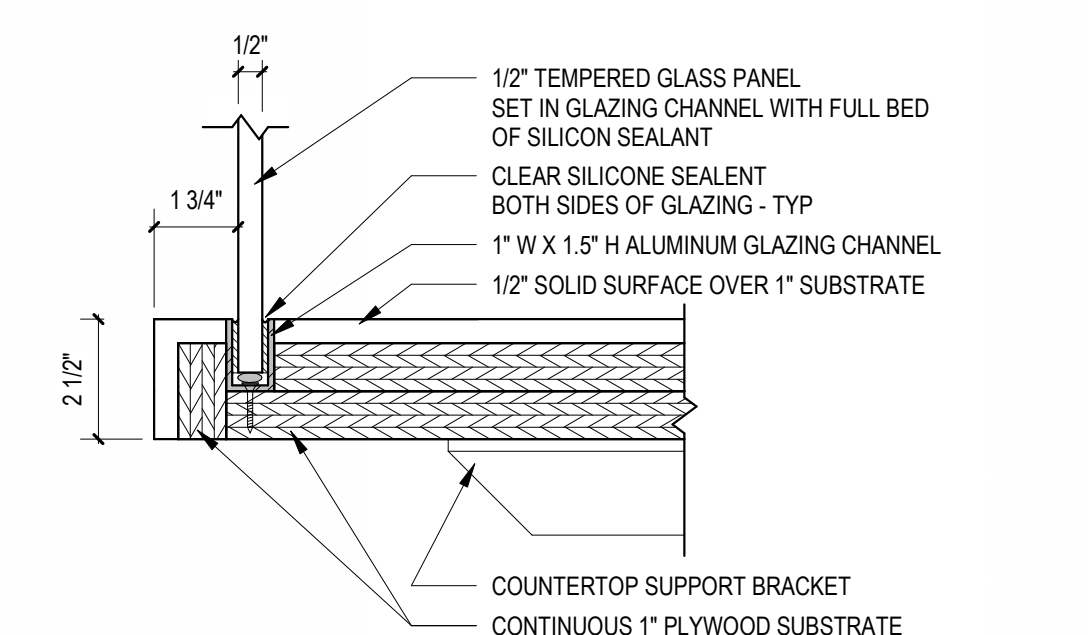
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1216 TOWER ROAD
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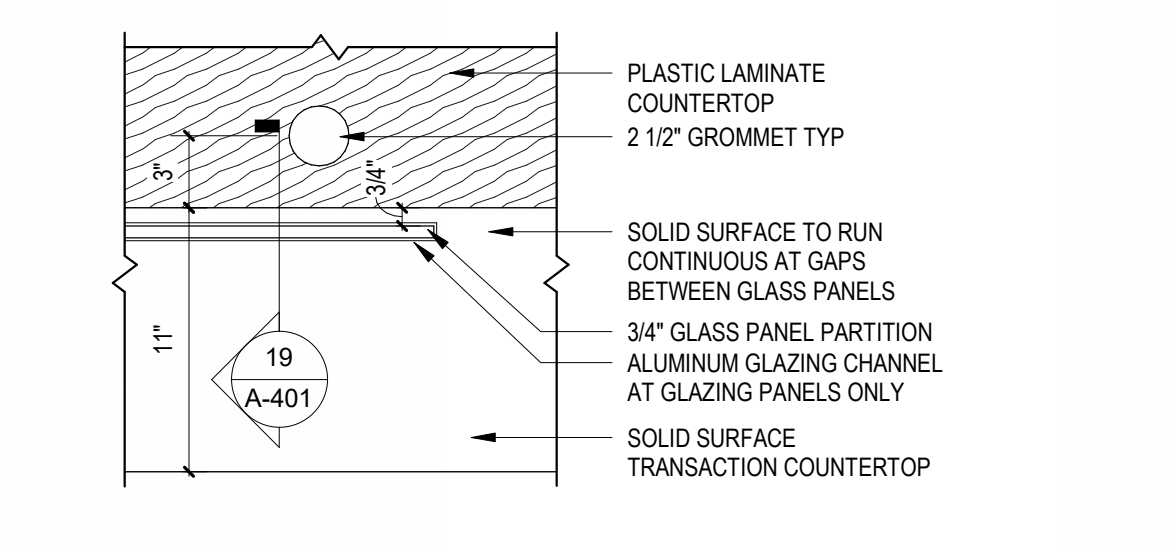
4 3D AXON - CONTROL DESK



20 GLAZING RECESSED CHANNEL AT SOLID SURFACE
3/8" = 1'-0"

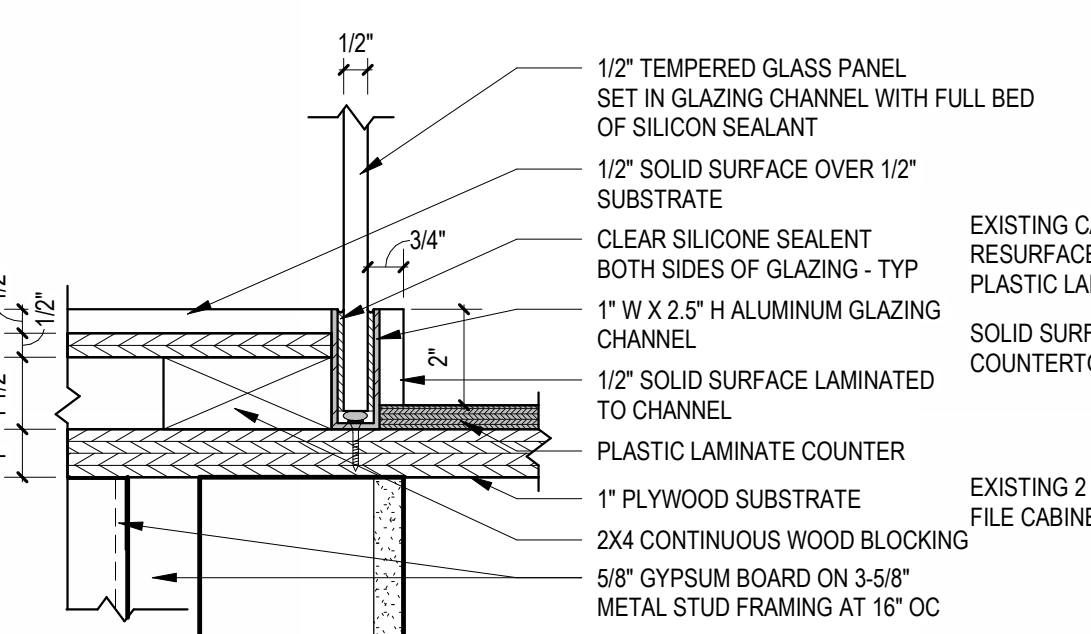


16 GLAZING CHANNEL AT COUNTER EDGE
3/8" = 1'-0"

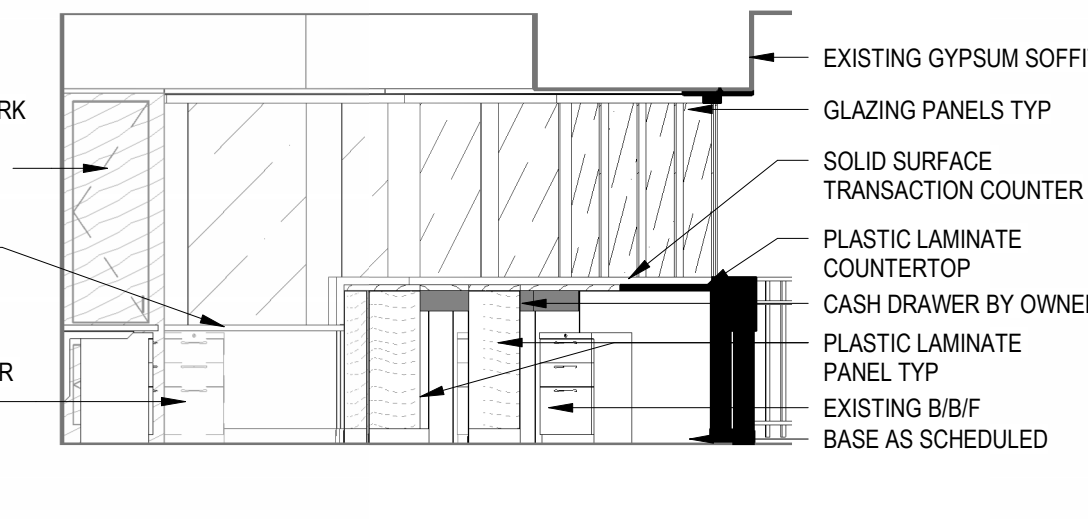


11 GROMMET LOCATION ON DESK WITH GLASS PANEL
1 1/2" = 1'-0"

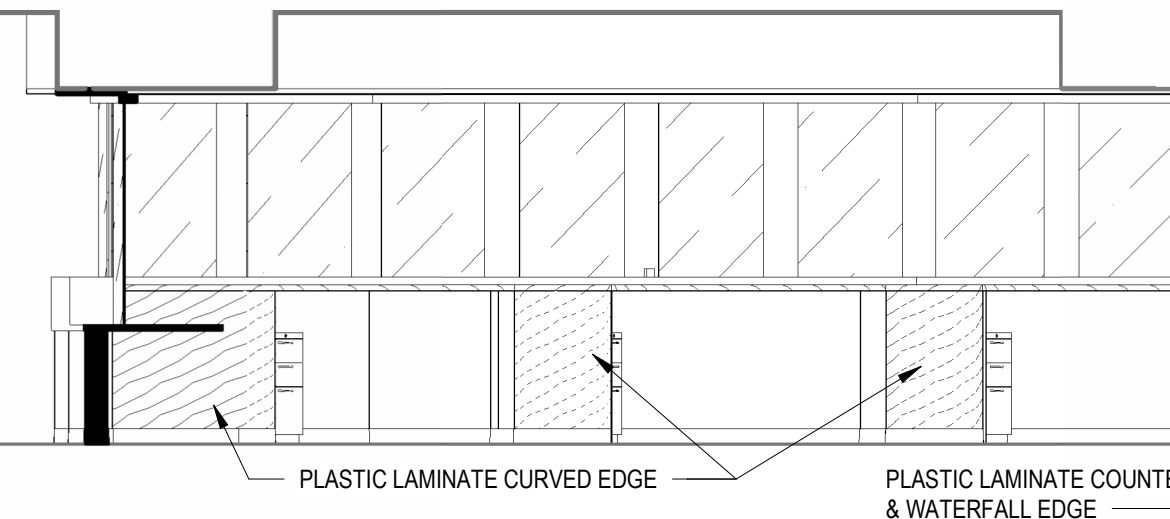
8 MILLWORK CORNER TRIM - TYP ALL OUTSIDE CORNERS
1 1/2" = 1'-0"



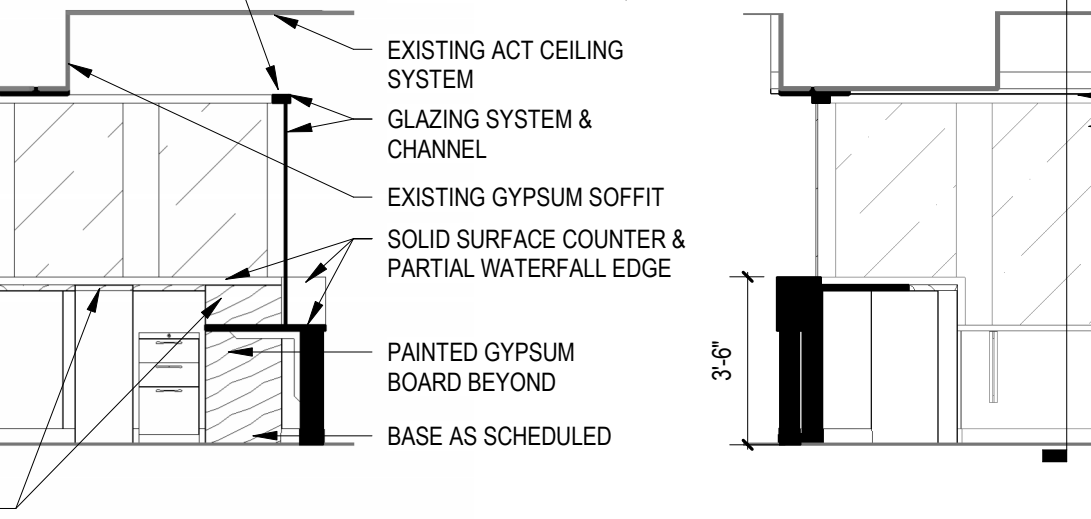
19 GLAZING RECESSED CHANNEL AT SOLID SURFACE
3/8" = 1'-0"



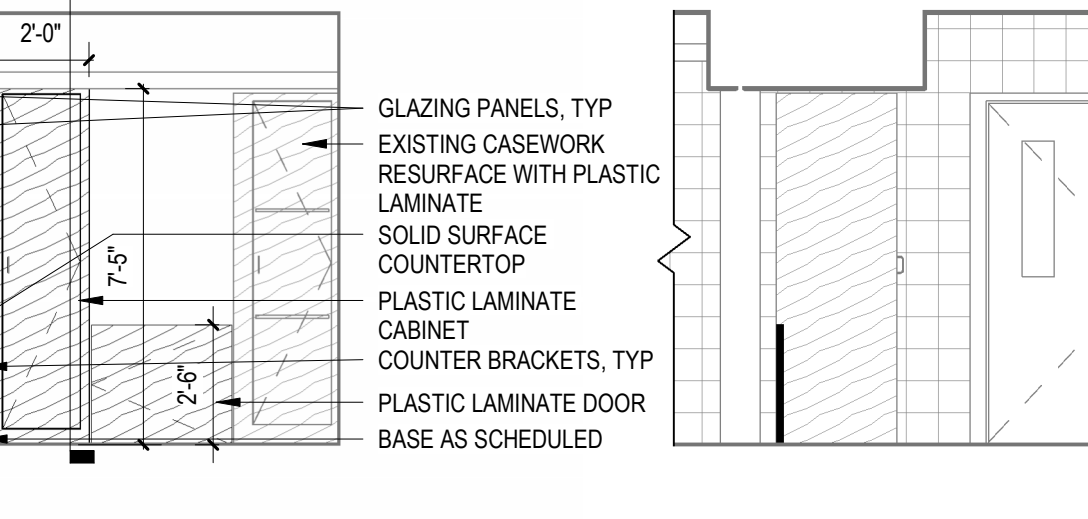
15 CONTROL DESK - INTERIOR ELEVATION
1/4" = 1'-0"



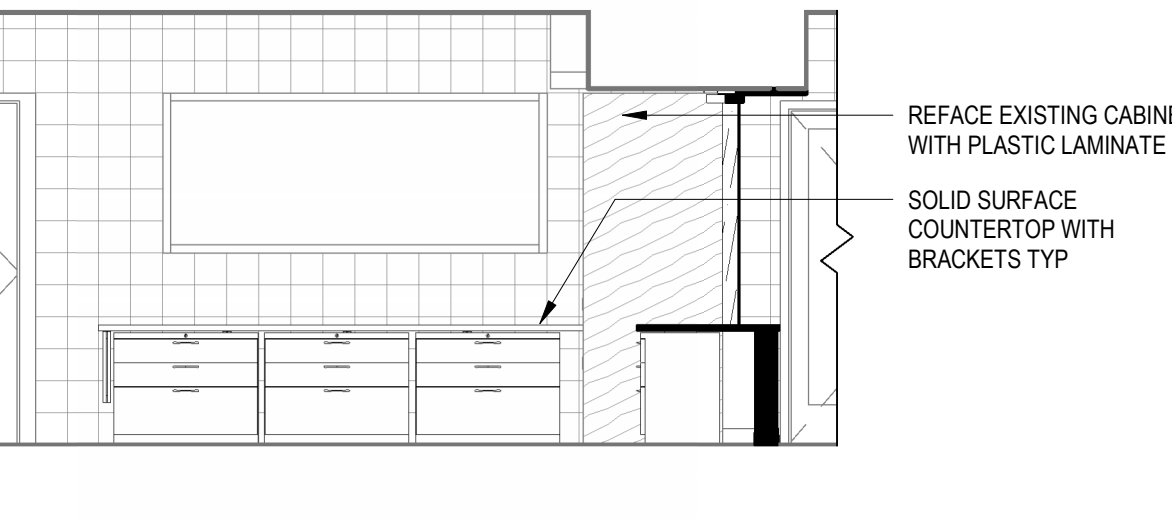
10 CONTROL DESK - INTERIOR ELEVATION
1/4" = 1'-0"



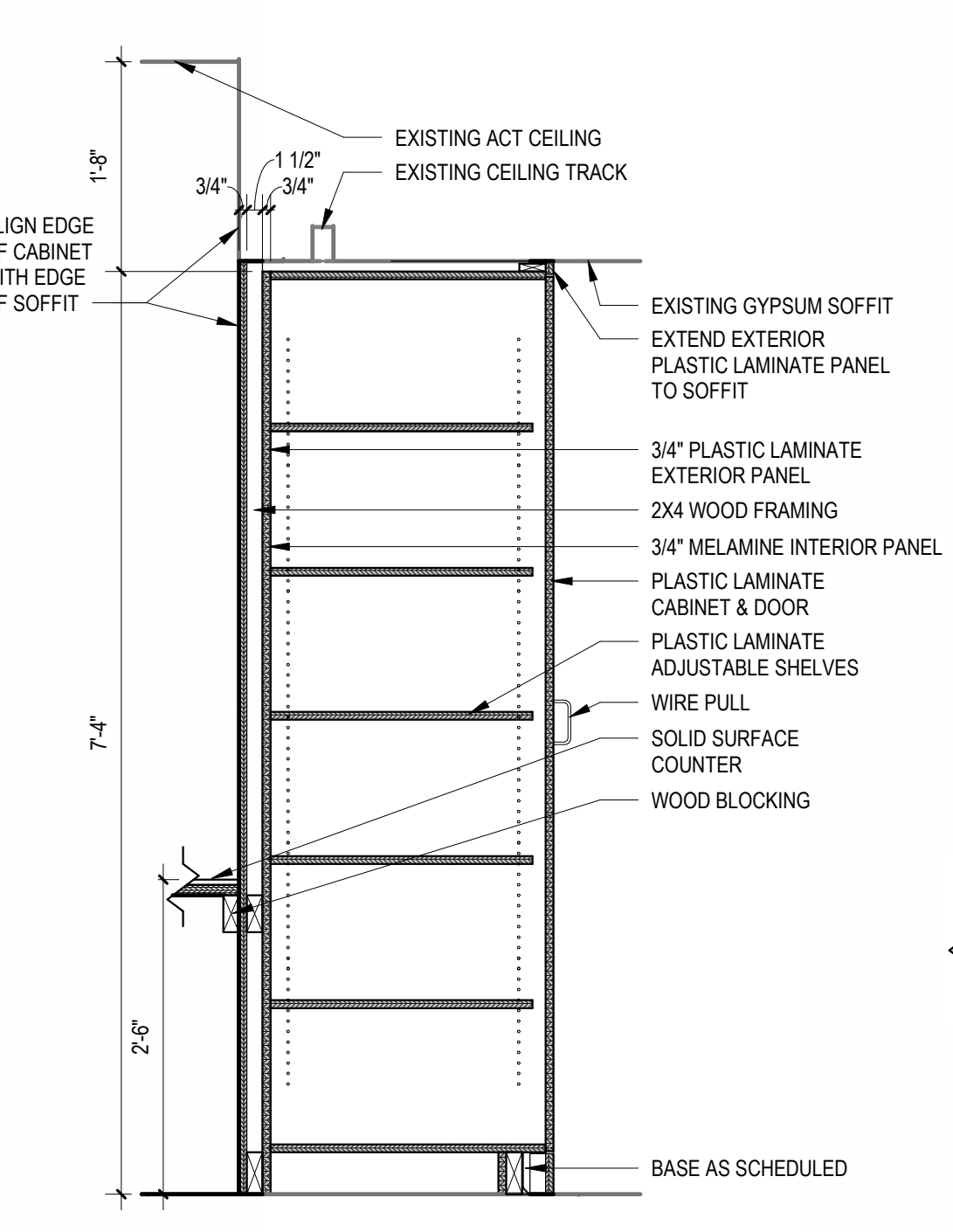
6 CONTROL DESK - INTERIOR ELEVATION
1/4" = 1'-0"



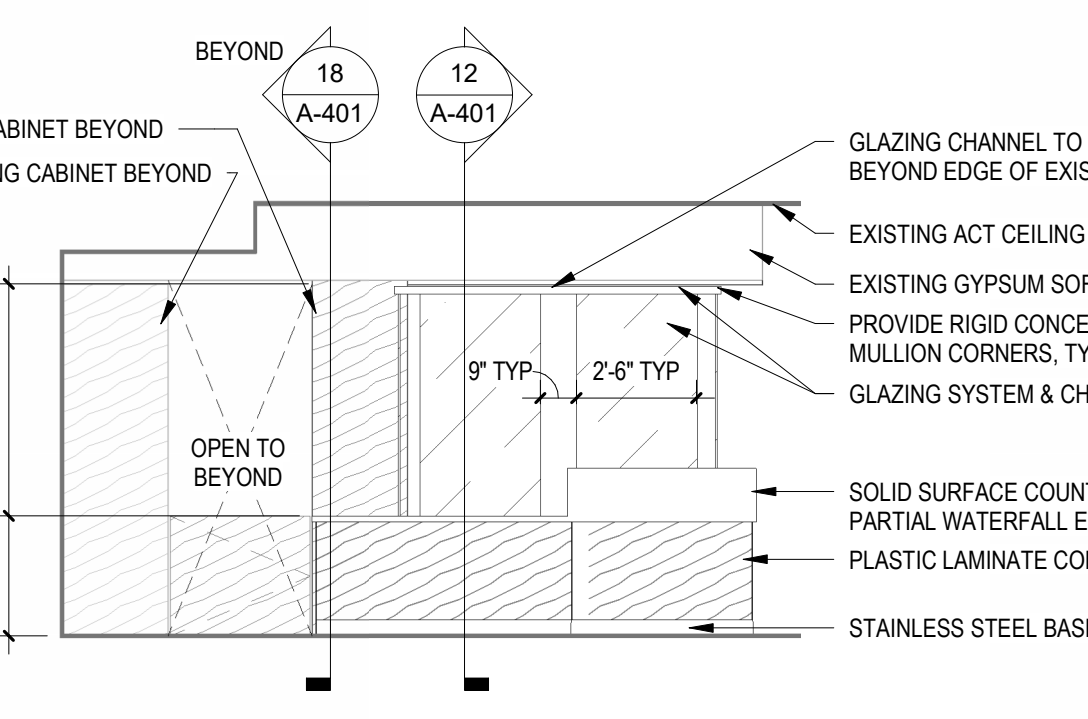
3 CONTROL DESK - INTERIOR ELEVATION - EXISTING
1/4" = 1'-0"



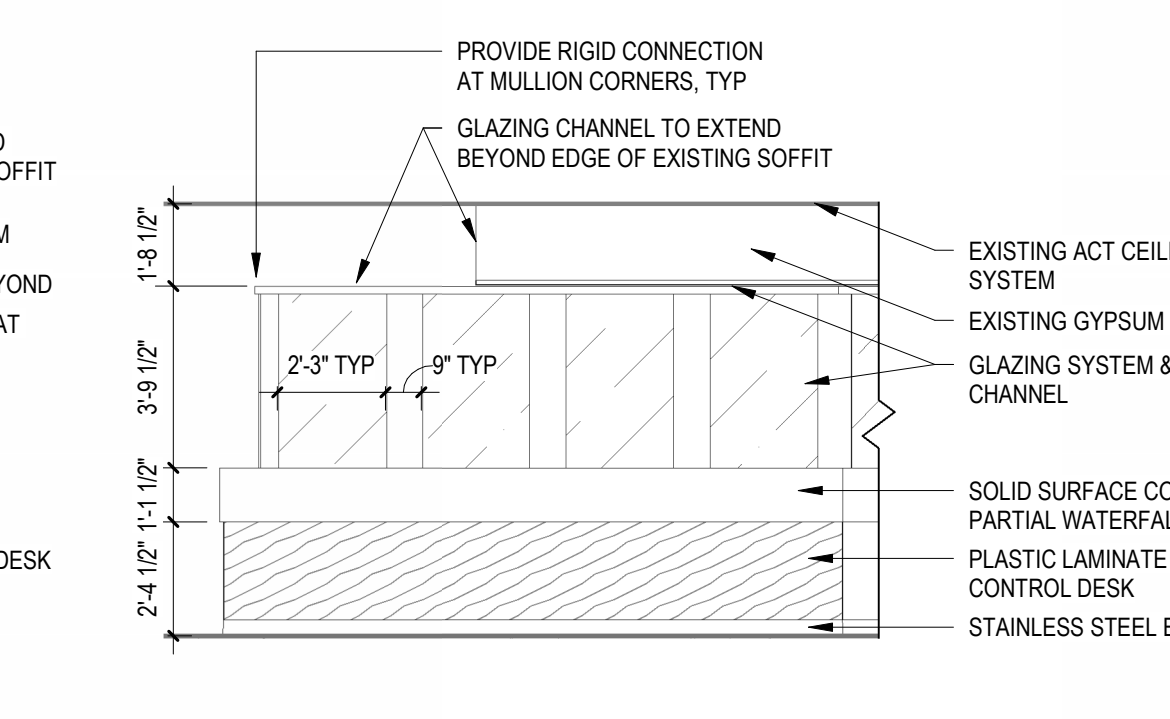
18 TALL CABINET SECTION
3/4" = 1'-0"



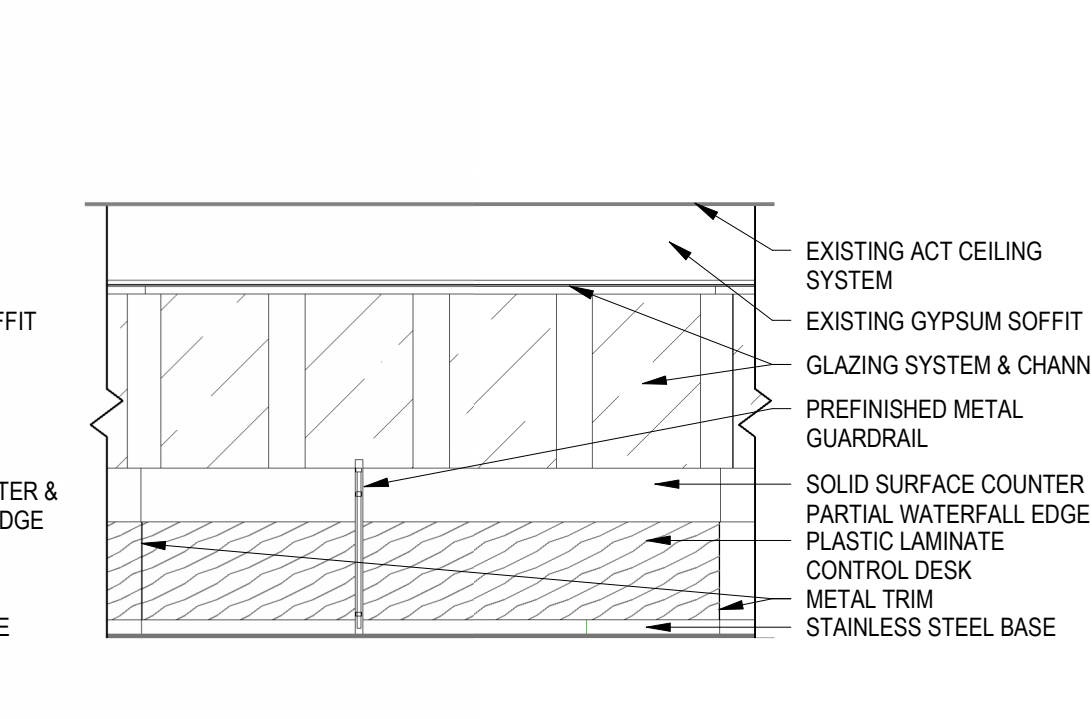
18 TALL CABINET SECTION
3/4" = 1'-0"



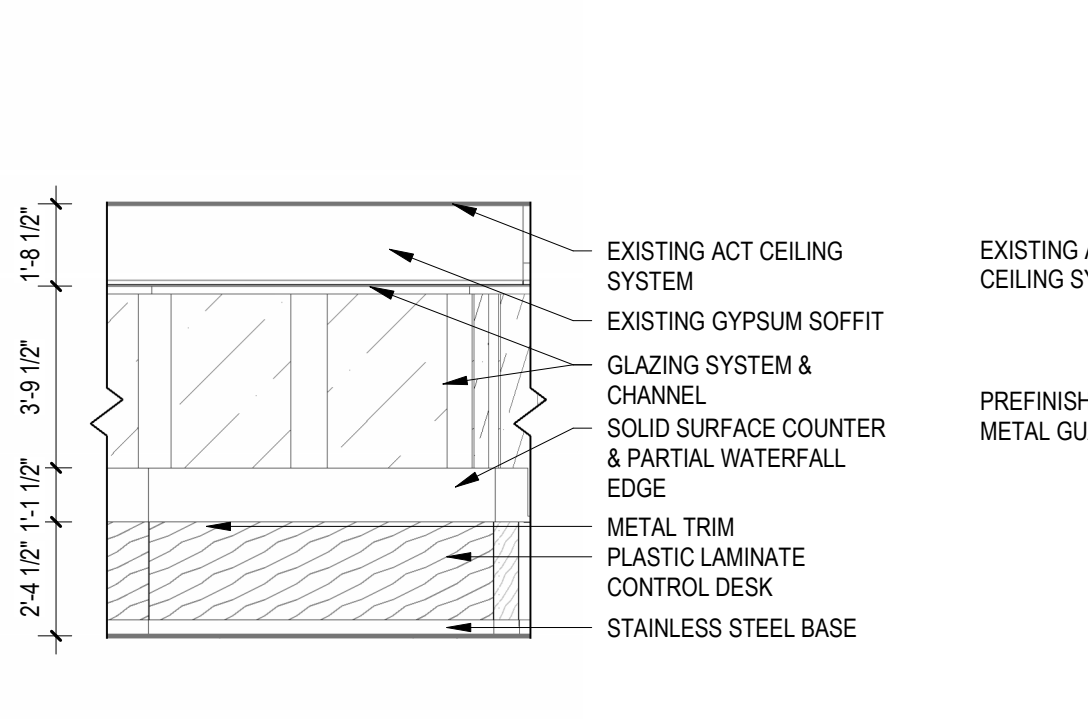
14 CONTROL DESK - EXTERIOR ELEVATION
1/4" = 1'-0"



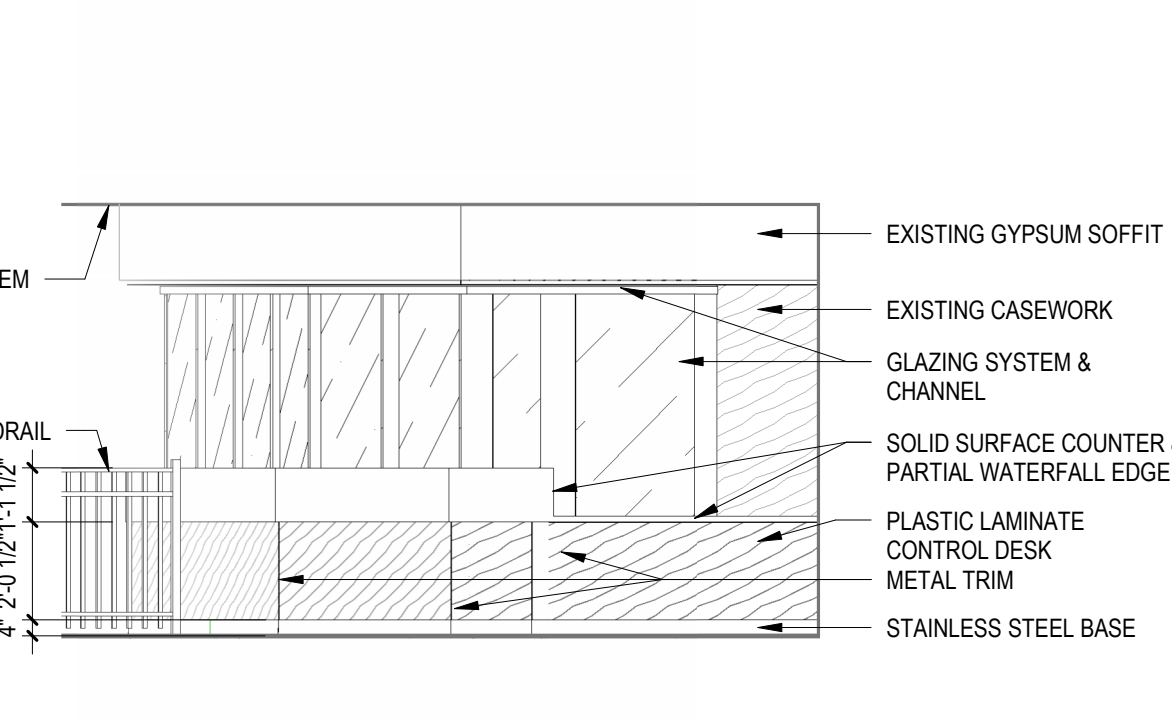
9 CONTROL DESK - EXTERIOR ELEVATION
1/4" = 1'-0"



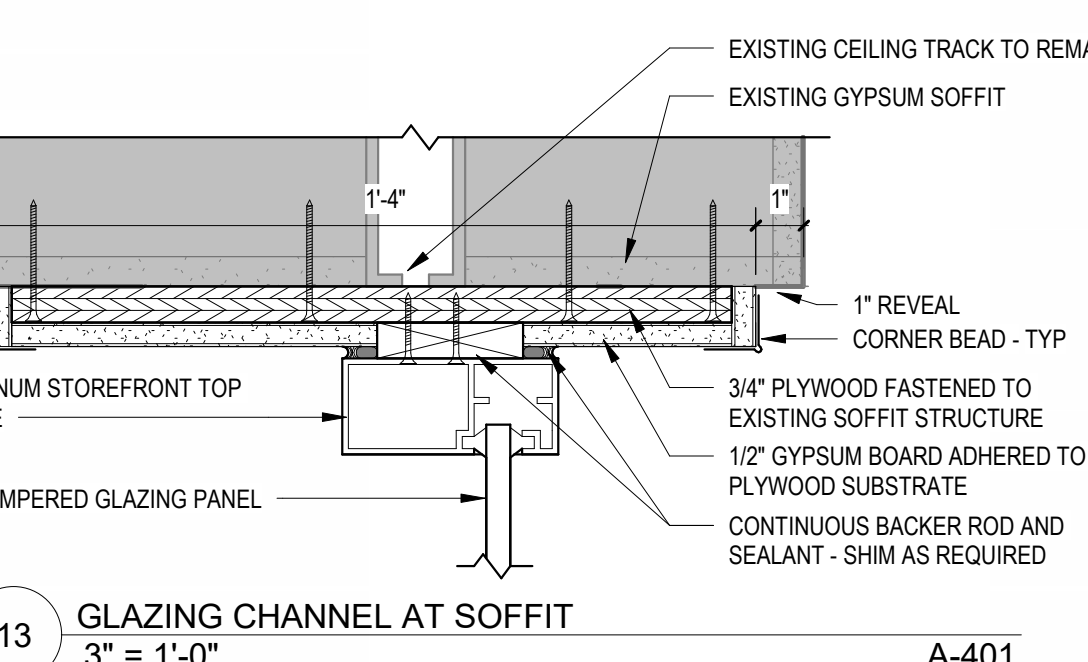
7 CONTROL DESK - EXTERIOR ELEVATION
1/4" = 1'-0"



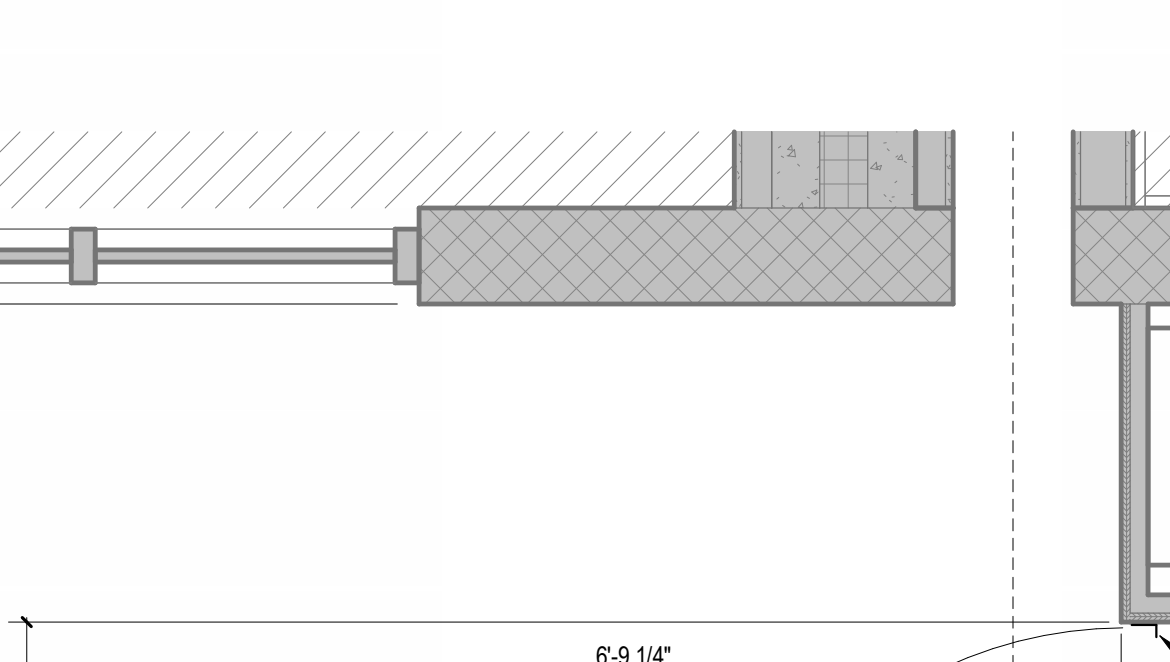
5 CONTROL DESK - EXTERIOR ELEVATION
1/4" = 1'-0"



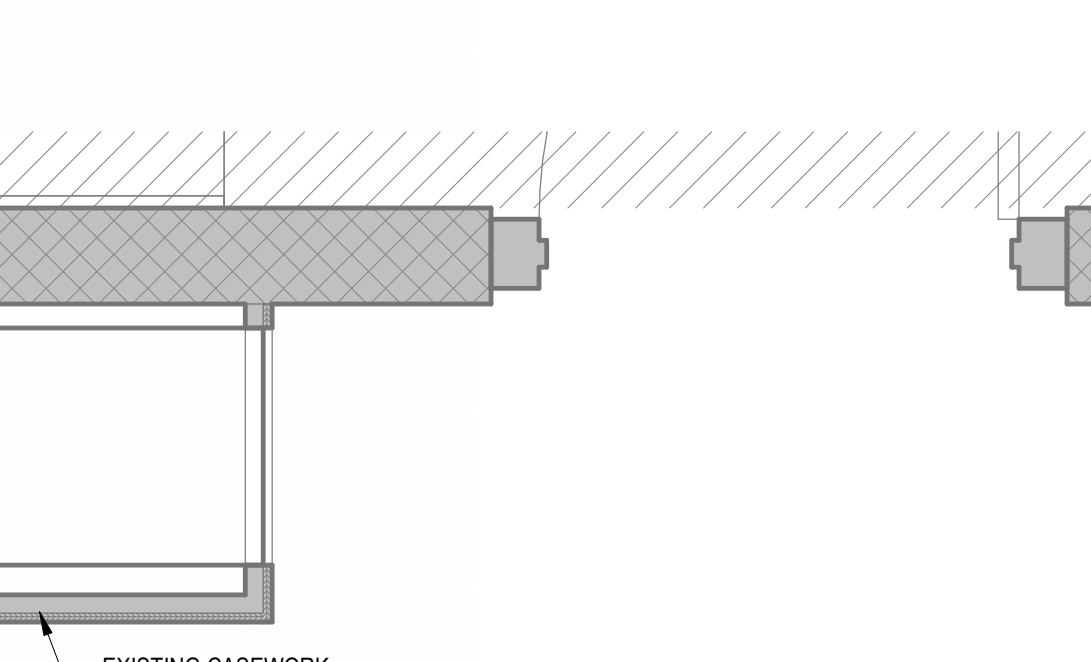
2 CONTROL DESK - EXTERIOR ELEVATION
1/4" = 1'-0"



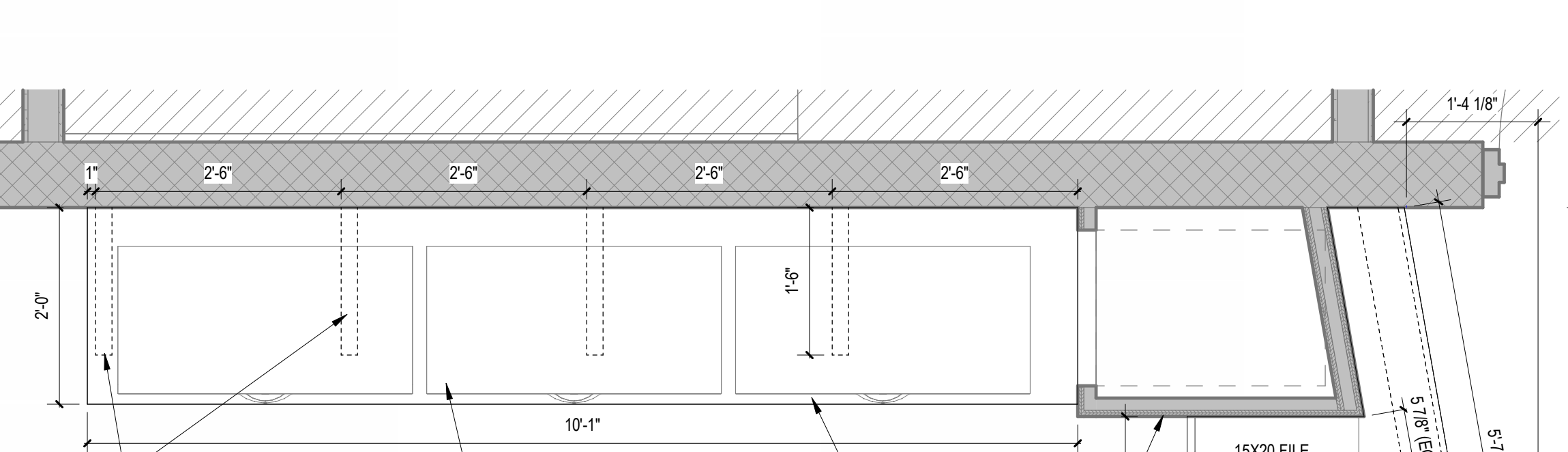
13 GLAZING CHANNEL AT SOFFIT
3/8" = 1'-0"



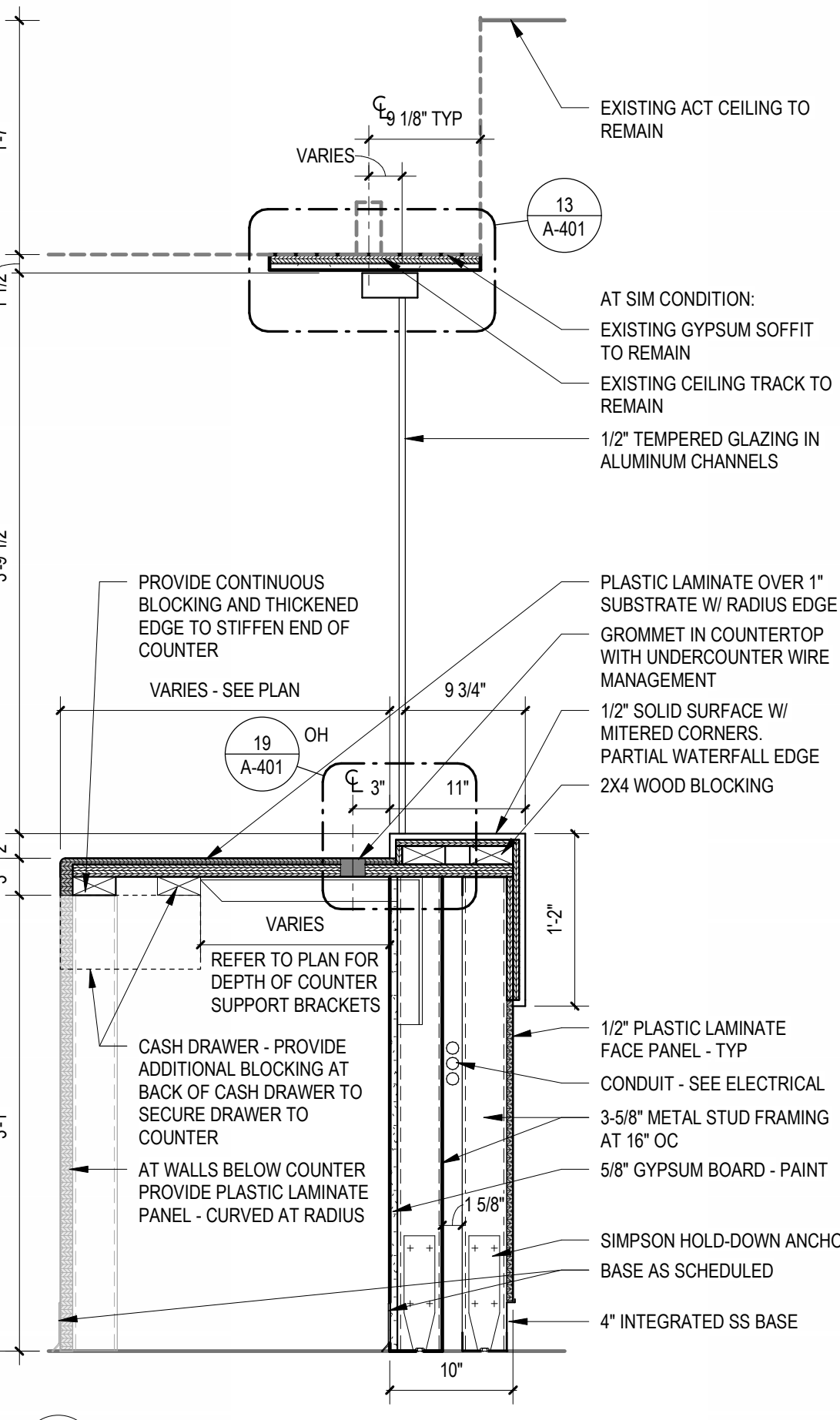
17 TYPICAL COUNTER SECTION AT GYP SOFFIT
1" = 1'-0"



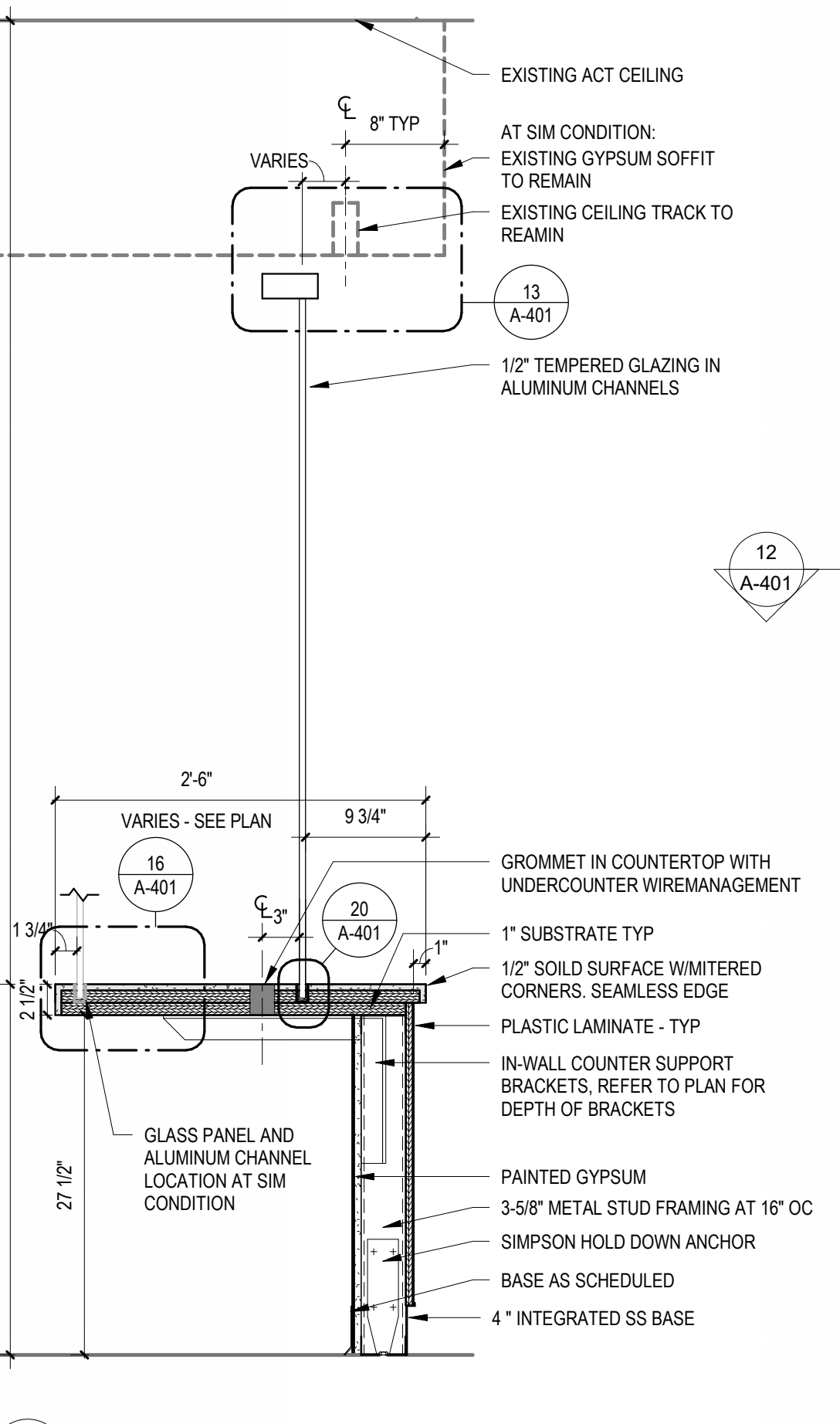
12 ADA COUNTER SECTION
1" = 1'-0"



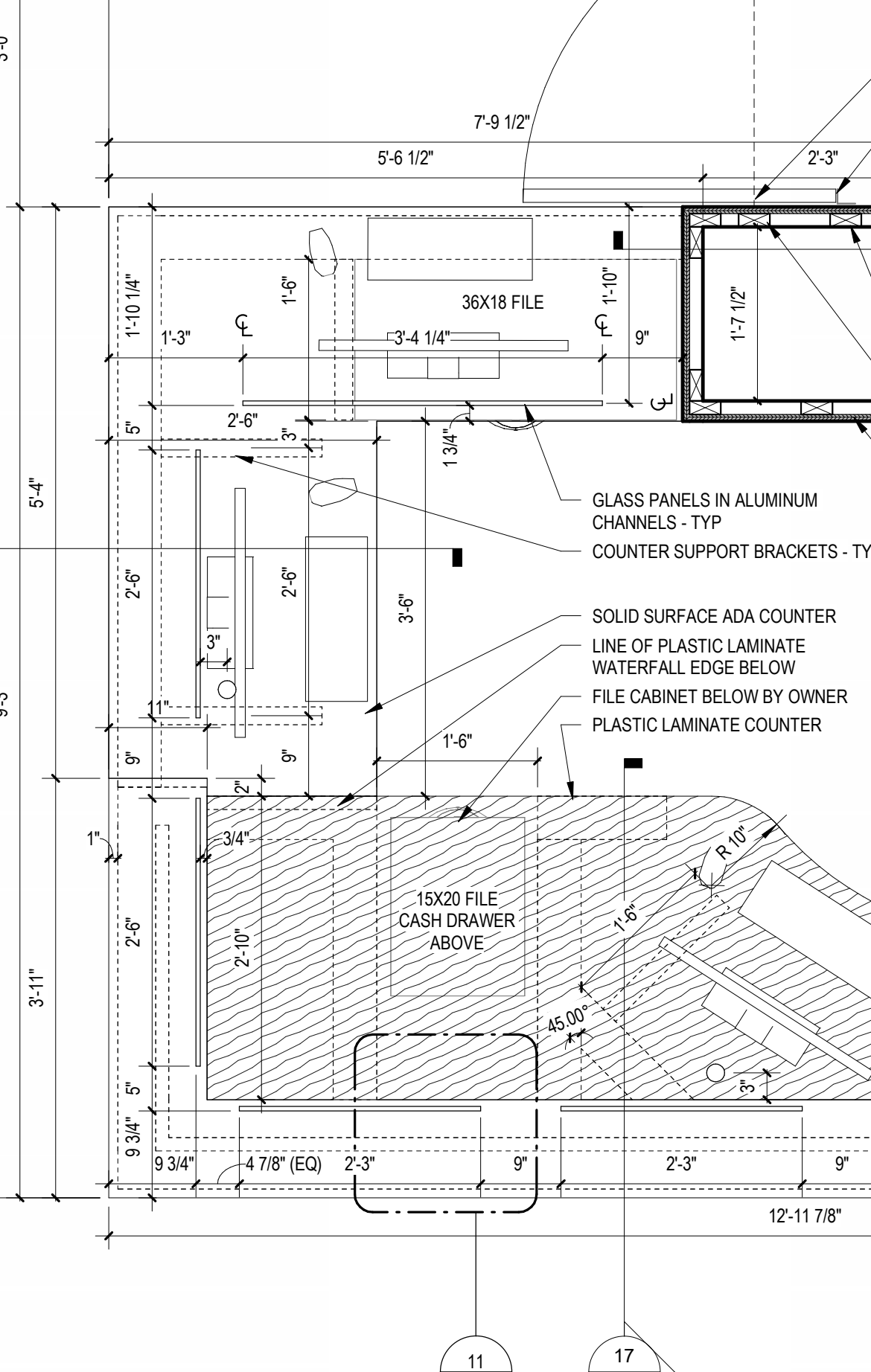
1 ENLARGED CASEWORK PLAN
3/4" = 1'-0"



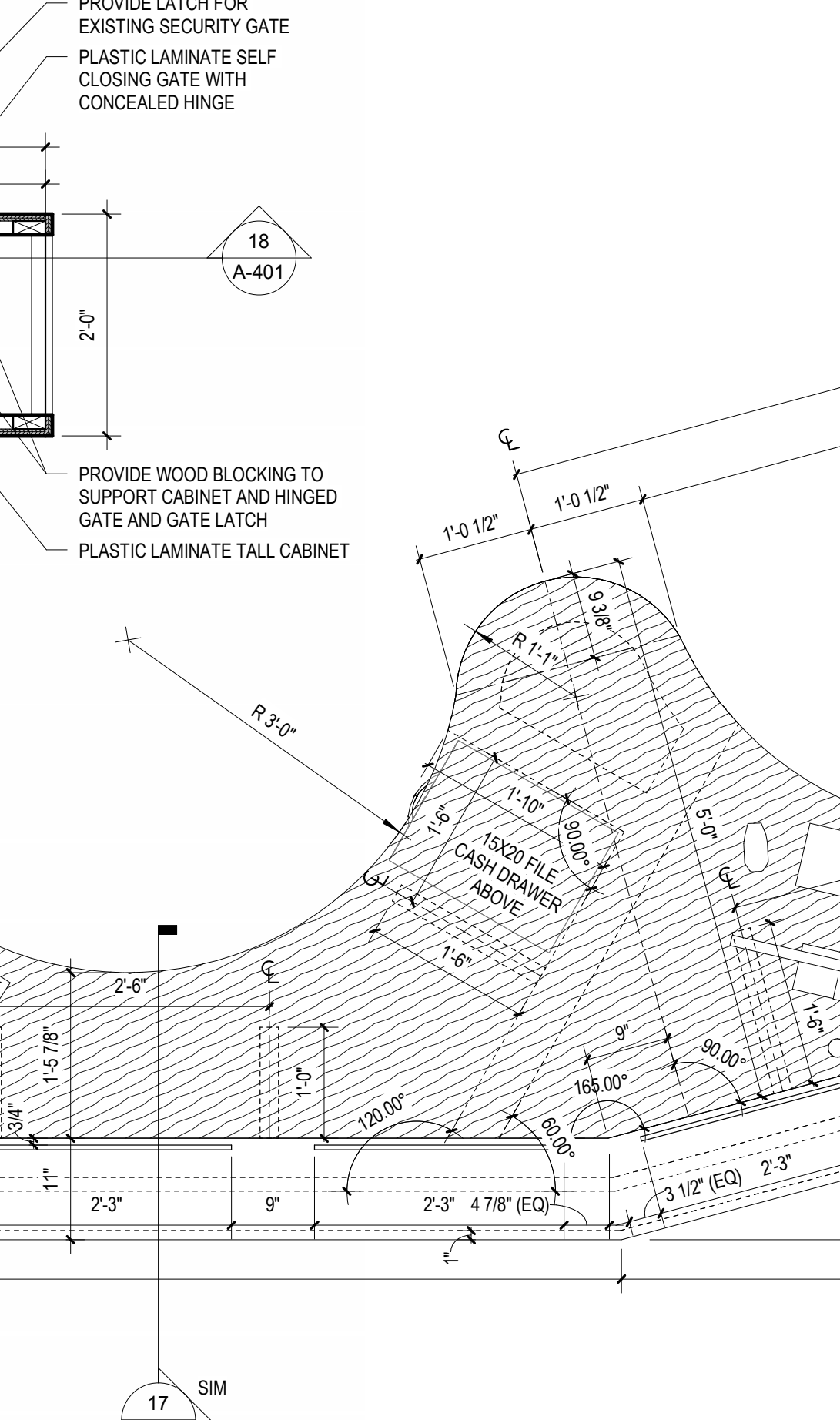
17 TYPICAL COUNTER SECTION AT GYP SOFFIT
1" = 1'-0"



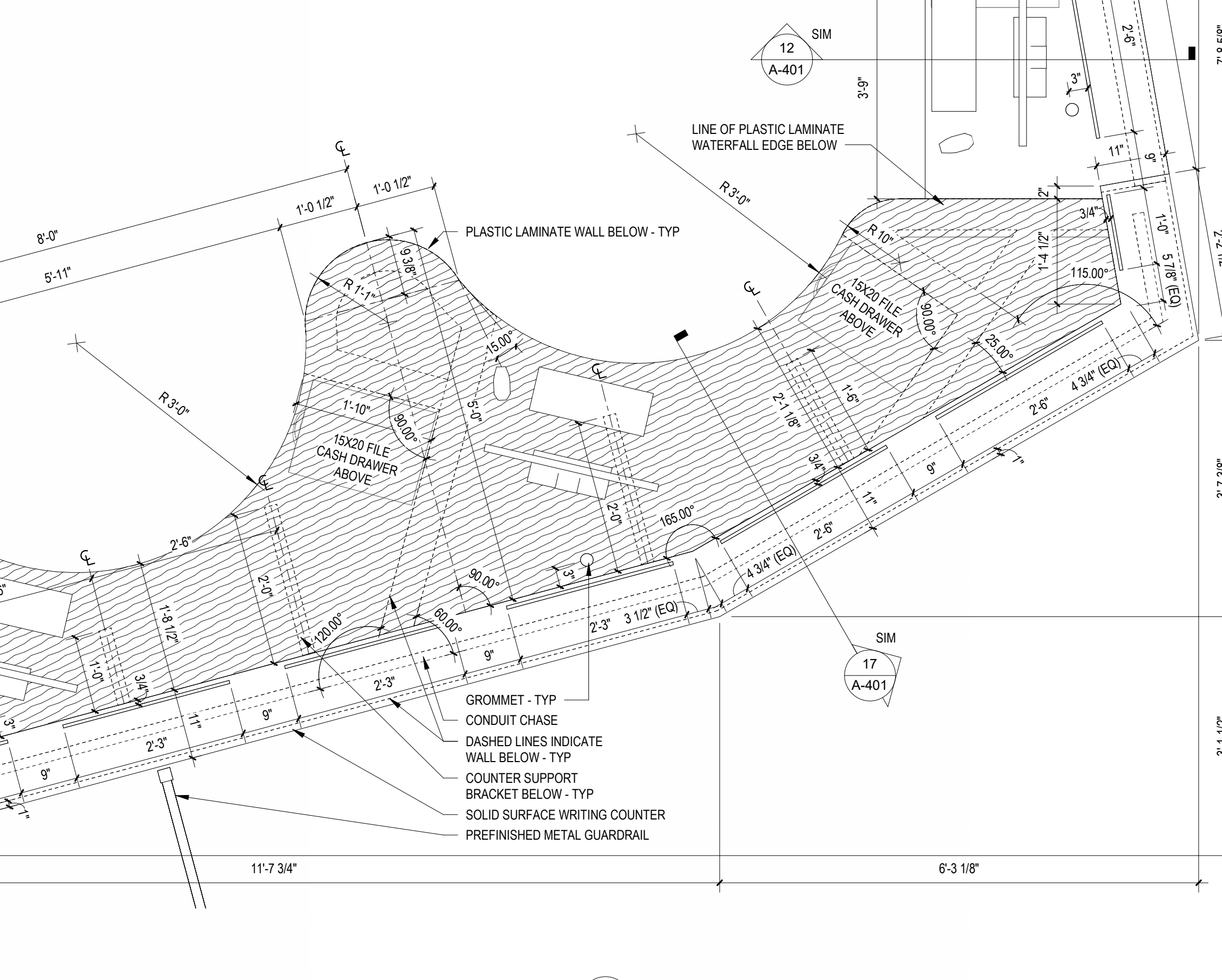
12 ADA COUNTER SECTION
1" = 1'-0"



11 GROMMET LOCATION ON DESK WITH GLASS PANEL
1 1/2" = 1'-0"



17 TYPICAL COUNTER SECTION AT GYP SOFFIT
1" = 1'-0"



1 ENLARGED CASEWORK PLAN
3/4" = 1'-0"

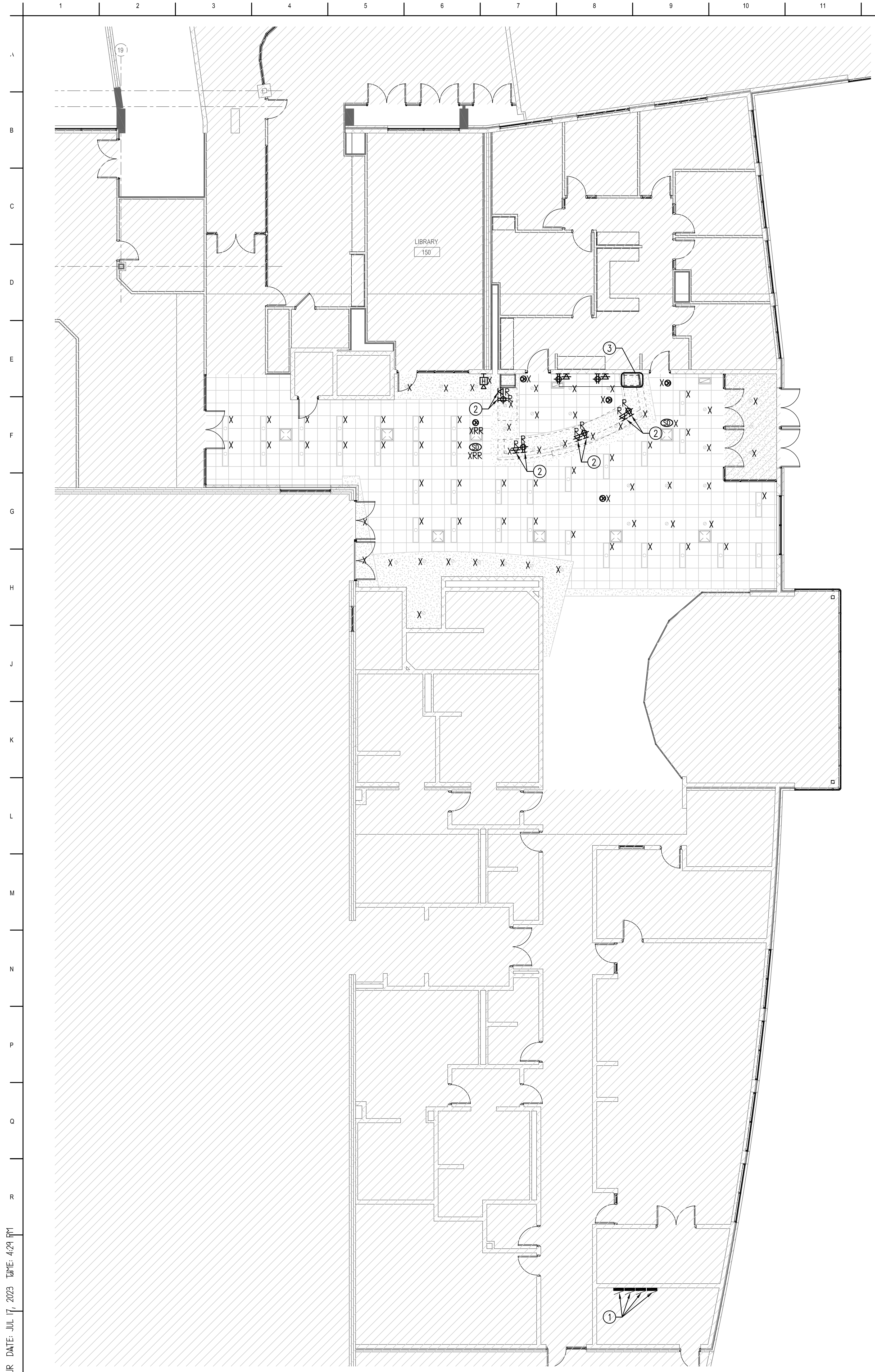
SIGNATURE
DATE

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT NUMBER 223026.01
DATE OF ISSUE 7/17/23
DRAWN BY KEMT
CHECKED BY TH

**ENLARGED CASEWORK
PLANS, INTERIOR
ELEVATIONS & DETAILS**

A-401
Issued for Bidding



- DRAWING NOTES:** (TYPICAL FOR THIS DRAWING ONLY.)
- EXISTING PANELS SERVING EXISTING CONTROL DESK.
 - EXISTING RECEPTACLES AND DATA FED FROM BELOW GRADE. PULL OUT CONDUCTORS TO SOURCE AND CUT CONDUITS FLUSH WITH FINISHED FLOOR FOR PATCHING.
 - EXISTING CABINET WITH IT EQUIPMENT LOCATED INSIDE. COORDINATE WITH OWNER TO REMOVE ABANDONED EQUIPMENT. DATA AND LOW VOLTAGE CABLES SERVING THE DEMOLISHED CONTROL DESK MAY BE ROUTED THROUGH CABINET. CAREFULLY DEMOLISH THESE CABLES WHILE PROTECTING ANY OTHER LOW VOLTAGE AND DATA CABLES TO REMAIN THAT ARE SERVING OTHER NEARBY OUTLETS.

ELECTRICAL ABBREVIATIONS

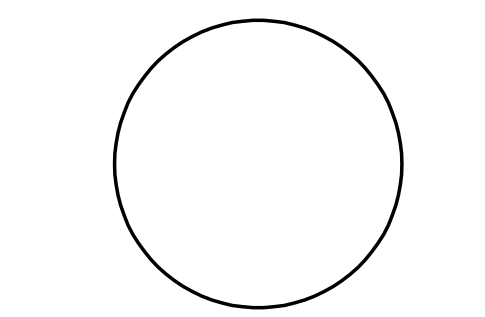
A	AMPERES	MCB	MAIN CIRCUIT BREAKER
AFCI	ARC FAULT CIRCUIT INTERRUPTER	MIN	MINIMUM
A.F.F.	ABOVE FINISHED FLOOR	MLO	MAIN LUGS ONLY
C	CONDUIT	MOCP	MAXIMUM OVERCURRENT PROTECTION
C/B	CIRCUIT BREAKER	PT	POTENTIAL TRANSFORMER
CT	CURRENT TRANSFORMER	SPD	SURGE PROTECTIVE DEVICE
CU	COPPER	TP	TAMPER PROOF
EC	ELECTRICAL CONTRACTOR	TYP.	TYPICAL
EM	EMERGENCY	U.N.O.	UNLESS NOTED OTHERWISE
FLA	FULL LOAD AMPS	V	VOLTS
G, GRD.	GROUND	VA	VOLT - AMPERES
GFI	GROUND FAULT CIRCUIT INTERRUPTER	W	WATTS
GFPE	GROUND FAULT PROTECTIVE EQUIPMENT	WG	WIRE GUARD
HP	HORSEPOWER	WP	WEATHER PROOF
I.T.	INFORMATION TECHNOLOGY	XFR	TRANSFORMER
KCM	THOUSAND CIRCULAR MILS	IP	SINGLE POLE
MAX	MAXIMUM	2P	TWO POLE
MCA	MINIMUM CIRCUIT AMPS	3P	THREE POLE
		Ø	PHASE

NOTE
INCIDENTAL WORK MAY ALSO BE NECESSARY DUE TO CHANGES AFFECTING, SITE WORK, ELECTRICAL, OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO PART OF THIS CONTRACT. INSPECT THOSE AREAS, COORDINATE WITH OTHER TRADES, AND ASCERTAIN WORK NEEDED, AND DO THAT WORK IN ACCORD WITH THE CONTRACT REQUIREMENTS, AT NO ADDITIONAL COST. THE REMOVAL & REINSTALLATION OF EXISTING WORK TO ACCOMMODATE CHANGES TO EXISTING, OR INSTALLATION OF, ELECTRICAL, OTHER SYSTEMS IS ALSO PART OF THIS CONTRACT.

NOTE
EXISTING CONDITIONS WERE OBTAINED FROM EXISTING AS-BUILT DRAWINGS AND CURSORY FIELD OBSERVATION. THIS CONTRACTOR SHALL IDENTIFY ANY DISCREPANCIES IN THE FIELD AND REPORT THEM TO THE ENGINEER.

DEMOLITION SYMBOLS	
SYMBOL	DESCRIPTION
R	EXISTING ELECTRICAL EQUIPMENT OR OUTLET TO BE REMOVED.
X	EXISTING ELECTRICAL EQUIPMENT OR OUTLET TO REMAIN.
XC	EXISTING ELECTRICAL EQUIPMENT OR OUTLET TO BE REMOVED AND JUNCTION BOX CAPPED OR REUSED AS REQUIRED.
XO	NEW ELECTRICAL EQUIPMENT INSTALLED OVER EXISTING OUTLET.
XRR	EXISTING ELECTRICAL EQUIPMENT OR OUTLET TO BE REMOVED, RELOCATED AND JUNCTION BOX REMOVED OR CAPPED AS REQUIRED.
XR	EXISTING ELECTRICAL EQUIPMENT OR OUTLET RELOCATED (NEW LOCATION).
XRT	EXISTING ELECTRICAL EQUIPMENT OR OUTLET TO BE TEMPORARILY REMOVED AND REINSTALLED IN SAME LOCATION.
XA	EXISTING ELECTRICAL EQUIPMENT OR OUTLET TO BE ABANDONED.
XM	EXISTING ELECTRICAL EQUIPMENT OR OUTLET TO BE MODIFIED.
XN	EXISTING ELECTRICAL EQUIPMENT TO BE REWIRED.

NOTE: NOT ALL SYMBOLS MAY BE USED.



SIGNATURE _____
DATE _____

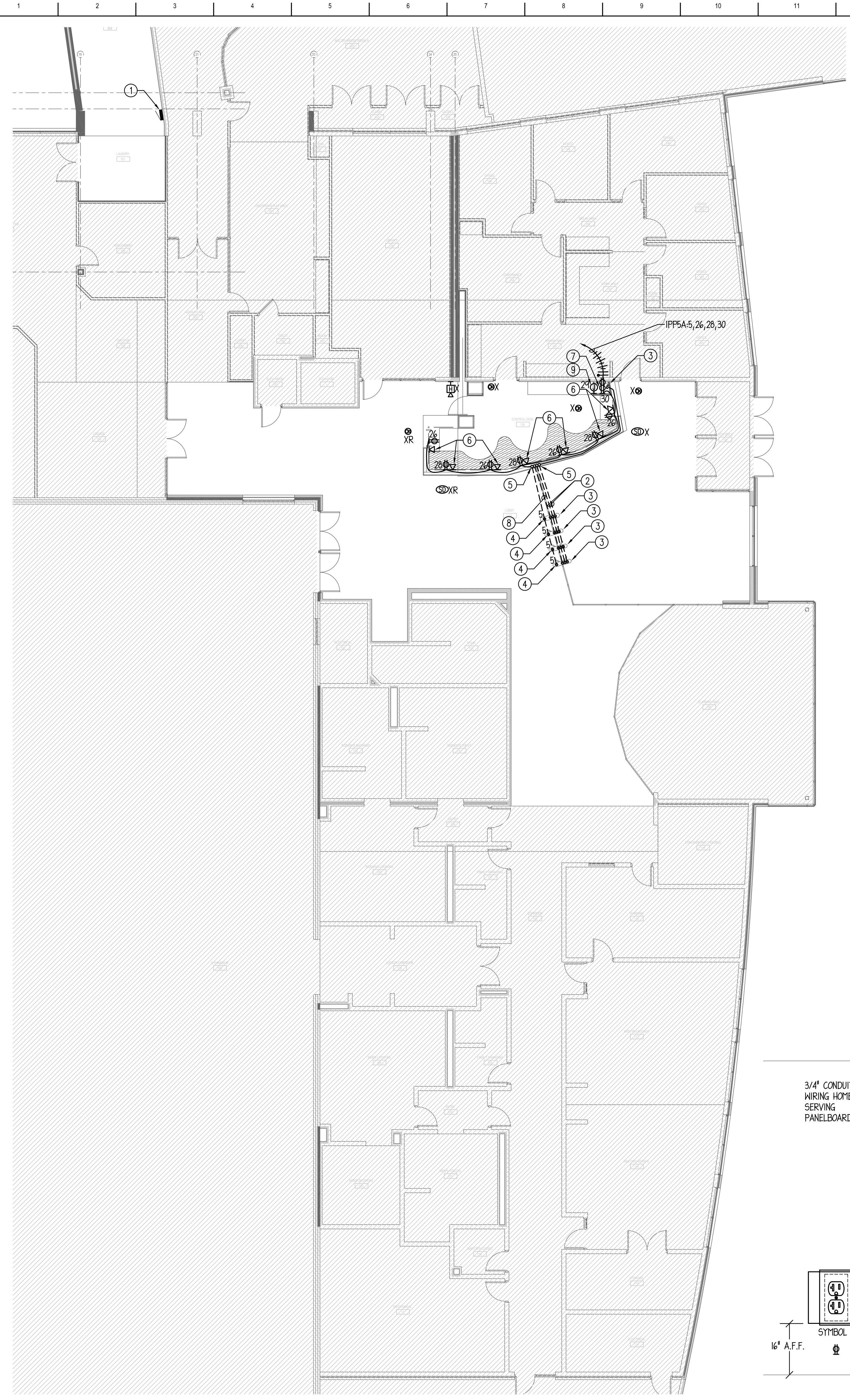
REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT NUMBER 223026.01
DATE OF ISSUE 7/17/23
DRAWN BY 20/10
CHECKED BY 20/10

**ELECTRICAL
DEMOLITION PLAN**

1 ELECTRICAL DEMOLITION PLAN
1/8" = 1' 0"

NAME: 215501.e10.dwg BY: R.J.R. DATE: JUL 17, 2023 TIME: 4:29 PM

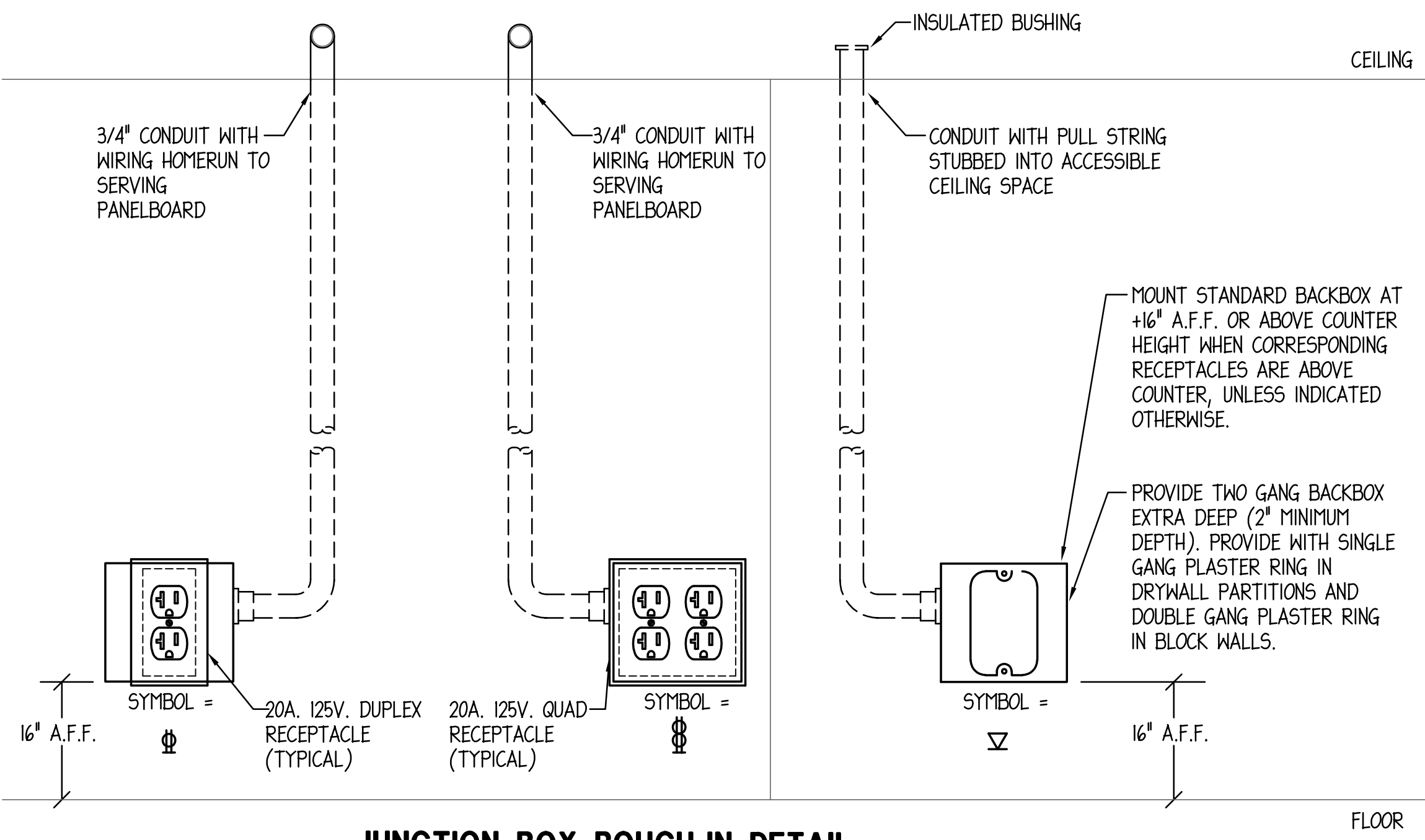


POWER SYMBOL LIST

- (WF) (WR) 20A, 2P, 3 WIRE, GROUNDING TYPE, 125V, SPECIFICATION-GRADE, TAMPER RESISTANT DUPLEX RECEPTACLE NEMA 5-20R
 - (EM) INSTALLED 16" A.F.F. U.N.O.
 - (G.S.PD) - "EM" DENOTES RECEPTACLE WIRED TO CRITICAL BRANCH OF THE EMERGENCY SYSTEM. RECEPTACLE SHALL BE RED IN COLOR.
 - (AFCI) - "GFI" DENOTES RECEPTACLE EQUIPPED WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER.
 - "WP" DENOTES WEATHER RESISTANT RECEPTACLE WITH WHILE-IN-USE WEATHERPROOF COVER.
 - "WR" DENOTES WEATHER RESISTANT RECEPTACLE.
 - "IG" DENOTES ISOLATED GROUND TYPE RECEPTACLE.
 - "SPD" DENOTES RECEPTACLE WITH INTEGRAL SURGE PROTECTIVE DEVICE.
 - "AFCI" DENOTES ARC FAULT CIRCUIT INTERRUPTER.
-
- (WF) (WR) 20A, 2P, 3 WIRE, GROUNDING TYPE, 125V, SPECIFICATION-GRADE, TAMPER RESISTANT, DUPLEX RECEPTACLE NEMA 5-20R INSTALLED 6" ABOVE COUNTER TOP OR 42" A.F.F. U.N.O.
 - (EM) - "EM" DENOTES RECEPTACLE WIRED TO CRITICAL BRANCH OF THE EMERGENCY SYSTEM. RECEPTACLE SHALL BE RED IN COLOR.
 - (G.S.PD) - "GFI" DENOTES RECEPTACLE EQUIPPED WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER.
 - "WP" DENOTES WEATHER RESISTANT RECEPTACLE WITH WHILE-IN-USE WEATHERPROOF COVER.
 - "WR" DENOTES WEATHER RESISTANT RECEPTACLE.
 - "IG" DENOTES ISOLATED GROUND TYPE RECEPTACLE.
 - "SPD" DENOTES RECEPTACLE WITH INTEGRAL SURGE PROTECTIVE DEVICE.
 - "AFCI" DENOTES ARC FAULT CIRCUIT INTERRUPTER.
-
- ⊙ CEILING JUNCTION BOX.
 - ⊙ WALL MOUNTED JUNCTION BOX.
 - ⊙ JUNCTION BOX WITH FLEXIBLE CONDUIT FOR FINAL CONNECTION TO EQUIPMENT.
 - CIRCUIT BREAKER PANELBOARD.
 - CONDUIT ROUTED CONCEALED IN WALLS AND CEILING. HASH MARKS DENOTE QUANTITY OF #12 MINIMUM AWG CONDUCTORS OR AS NOTED.
 - CONDUIT ROUTED EXPOSED. INSTALL PARALLEL TO WALLS AND CEILINGS. HASH MARKS DENOTE QUANTITY OF #12 MINIMUM AWG CONDUCTORS OR AS NOTED.
 - CONDUIT ROUTED BELOW GRADE. HASH MARK DENOTES QUANTITY OF #12 MINIMUM AWG CONDUCTORS OR AS NOTED.
 - DENOTES CONDUIT HOMERUN, 3/4" MINIMUM, PANEL DESTINATION AND CIRCUIT NUMBER(S) AS INDICATED.
 - SHORT TICK MARK DENOTES LINE (HOT) OR SWITCH LEG CONDUCTOR, #12 MINIMUM AWG.
 - LONG TICK MARK DENOTES NEUTRAL CONDUCTOR, #10 AWG MINIMUM.
 - DENOTES INSULATED GROUND WIRE, #12 AWG MINIMUM.
 - 1' X 4' LUMINAIRE, RECESSED OR SURFACE MOUNTED PER LUMINAIRE SCHEDULE.
 - ⊙ (WS) FIRE ALARM SYSTEM AUDIO/VISUAL NOTIFICATION INSTALLED 80" A.F.F. - "WG" DENOTES WIRE GUARD.
 - ⊙ (WS) FIRE ALARM SYSTEM CEILING SMOKE DETECTOR. - "WG" DENOTES WIRE GUARD.
 - ⊙ DATA OUTLET LOCATION, REFER TO PLANS AND DETAILS FOR QUANTITIES AND CONFIGURATION, INSTALLED 16" A.F.F. U.N.O.
 - ⊙ SECURITY CAMERA. (MOUNTED IN THE ACOUSTIC CEILING TILE)

DRAWING NOTES: (TYPICAL FOR THIS DRAWING ONLY.)

1. EXISTING PANEL IPPSA WITH AVAILABLE SPACES 5, 25, 29, 26, 28, 30. PROVIDE NEW 20A/1P CIRCUIT BREAKERS IN AVAILABLE SPACE TO SERVE NEW LOADS.
 2. ROUTE (2) 1" CONDUITS BELOW GRADE FOR DATA CABLE, CONTINUE CONDUITS THROUGH CASEWORK TO CABINET.
 3. PULL (1) CAT6A CABLE FROM EACH TURNSTYLE TO CABINET THRU NEW BELOW GRADE CONDUITS. COIL 25' OF SPARE CABLE IN CABINET FOR TERMINATION BY OTHERS. COORDINATE EXACT LOCATION WITHIN TURN STYLE WIRING COMPARTMENT WITH MANUFACTURE APPROVED SHOP DRAWINGS PRIOR TO ROUGH IN.
 4. PROVIDE 120V CIRCUIT FOR TURNSTYLE POWER. CONDUIT TO BE BELOW FLOOR FINISH. COORDINATE EXACT LOCATION WITHIN TURN STYLE WIRING COMPARTMENT WITH MANUFACTURE APPROVED SHOP DRAWINGS PRIOR TO ROUGH IN.
 5. CONDUITS TO BE ROUTED BELOW FLOOR FINISH TO NEW CONTROL DESK AND THEN ROUTED THROUGH CONTROL DESK TO EXISTING CABINET WHERE THEY MAY BE STUBBED UP ABOVE CEILING. POWER CONDUITS SHALL BE RAN ABOVE ACCESSIBLE CEILING TO PANELBOARD.
 6. PROVIDE 3/4" CONDUIT BETWEEN DATA ROUGH IN AND CABINET. CONTRACTOR MAY COMBINE DATA ROUGH IN CONDUITS BUT GROUP NO MORE THEN (3) ROUGH IN LOCATIONS TOGETHER. WHEN COMBINED CONDUIT SIZES SHALL BE AS FOLLOWS.
 - (1) DATA ROUGH IN 3/4"
 - (2) DATA ROUGH IN 1"
 - (3) DATA ROUGH IN 1 1/4"
 7. PROVIDE NEW QUAD RECEPTACLE IN CABINET FOR OWNER IT EQUIPMENT. COORDINATE ROUGH IN LOCATION WITH OWNER PRIOR TO INSTALLATION.
 8. ROUTE (1) 1" CONDUITS BELOW GRADE FOR FIRE ALARM CABLE FOR INTERFACE TO RELEASE GATES AND TURNSTILES UPON FIRE ALARM ACTIVATION, CONTINUE CONDUITS THROUGH CASEWORK TO CABINET.
 9. PROVIDE 120V CONNECTION TO FIRE ALARM POWER SUPPLY (FURNISHED BY OTHERS) FOR GATE RELEASE POWER. COORDINATE WITH OWNERS FIRE ALARM CONTRACTOR.
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- ELECTRICAL SPECIFICATIONS**
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE CITY OF WAUKEGAN.
 2. PROVIDE ALL PERMITS AND INSPECTION FEES.
 3. ALL MATERIAL AND LABOR SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE BY THE ENGINEER.
 4. THIS CONTRACTOR SHALL PROVIDE ALL THEIR OWN RIGGING, SCAFFOLDING, RUBBISH REMOVAL, AND LEAVE SPACE BROOM CLEAN.
 5. MINIMUM SIZE CONDUIT SHALL BE 3/4" EMT, PROVIDE IMC FOR CONDUITS 2" AND LARGER OR WHERE EXPOSED TO WET OR DAMP LOCATIONS. EMT FITTINGS SHALL BE COMPRESSION TYPE. IMC SHALL HAVE THREADED CONNECTIONS. TRANSITION TO LIQUID-TIGHT FLEXIBLE METAL CONDUIT FOR FINAL CONNECTION (MAXIMUM LAST 6 FEET) OF CONDUCTORS SERVING EQUIPMENT SUBJECT TO VIBRATION.
 6. MINIMUM SIZE CONDUCTOR SHALL BE #12 THIN, OR THIN WHERE REQUIRED, WITH #14 USED FOR CONTROL WIRING. CONDUCTOR MATERIAL SHALL BE COPPER ONLY.
 7. PROVIDE SEPARATE, INSULATED EQUIPMENT GROUNDING CONDUCTOR WITHIN EACH FEEDER AND BRANCH CIRCUIT RACEWAY. TERMINATE EACH END ON SUITABLE LUG, BUS, OR BUSHING.
 8. BRANCH CIRCUIT CONDUCTORS FOR 20 AMP RECEPTACLES AND LIGHTING CIRCUITS SHALL BE ADJUSTED FOR VOLTAGE DROP:
 - A. 120/208V: 0-75' - #12AWG MINIMUM
 - 75'-150' - #10AWG MINIMUM
 - 150'-225' - #8AWG MINIMUM
 9. CONDUCTOR SIZES #14 AWG, #12 AWG, AND #10 AWG MAY BE SOLID OR STRANDED. CONDUCTOR SIZES #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS SHALL BE COLOR CODED.
 10. THIS CONTRACTOR SHALL PROVIDE ALL NECESSARY CUTTING AND PATCHING INCLUDING SLEEVES AND INSERTS.
 11. THE COLOR AND FINISH OF ALL MATERIALS SHALL BE SUBJECT TO REVIEW AND APPROVAL OF ARCHITECT OR ENGINEER. PROVIDE SHOP DRAWINGS REQUIRED FOR FINISH AND COLOR SELECTION.
 12. ALL NEW CIRCUIT BREAKERS SHALL BE BOLT-ON BREAKERS (10,000 A.I.C.), COMPATIBLE WITH EXISTING PANELBOARD. PROVIDE TYPEWRITTEN DIRECTORIES IN ALL PANELS.
 13. BEFORE SUBMITTING THEIR BID, THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE TO ASCERTAIN ALL WORK INVOLVED IN THE PROJECT.
 14. THIS CONTRACTOR SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS ON THE PROJECT.
 15. THIS CONTRACTOR SHALL MAKE NECESSARY MODIFICATIONS AND ADJUSTMENTS TO ALL ELECTRICAL ITEMS AND EQUIPMENT AS MAY BE REQUIRED BY THIS WORK.
 16. ALL ELECTRICAL EQUIPMENT MUST MAINTAIN WORKING CLEARANCES AS REQUIRED BY NEC.
 17. UNLESS INDICATED ON ARCHITECTURAL DRAWINGS, THE CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL CORING, CUTTING, PATCHING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT OF NEW OR EXISTING BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. REMOVE, STORE, AND REINSTALL CEILING TILES AS REQUIRED TO INSTALL WORK ABOVE EXISTING REMOVABLE CEILING WHICH REMAIN; REPLACE TILES BROKEN OR DAMAGED DURING CONSTRUCTION. ALL PATCHING, REPAIRING, AND REFINISHING WORK TO OTHER FINISHES AND STRUCTURAL ELEMENTS SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION AS CLOSELY AS POSSIBLE WHILE MAINTAINING EXISTING FIRE RATINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXISTING FIRE RATINGS OF CEILINGS AND PARTITIONS SYSTEMS. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE ANY EXISTING BUILDING CONSTRUCTION OR ITEMS THAT ARE TO REMAIN. ANY EXISTING FINISHES THAT ARE DAMAGED DURING THE INSTALLATION OF NEW WORK OR REMOVAL OF EXISTING WORK SHALL BE REPAIRED, REPLACED, AND PAID FOR BY THE INSTALLING CONTRACTOR TO THE SATISFACTION OF THE ARCHITECT AND OWNER. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING CONSTRUCTION THAT IS TO REMAIN AND, THEREFORE, SUBJECT TO PATCHING, REPAIRING, AND REMOVAL/REPLACEMENT.
 18. ALL NEW FIRE ALARM CABLING ABOVE ACCESSIBLE CEILINGS SHALL BE PLENUM RATED CABLE OF TYPE COMPATIBLE WITH EXISTING BUILDING FIRE ALARM SYSTEM.
 19. FLEXIBLE RACEWAY SYSTEMS SHALL NOT BE USED TO PENETRATE ROOFS, FLOORS, OR AIR/MOISTURE BARRIERS.
 20. RACEWAY SYSTEMS SHALL NOT BE ROUTED THROUGH OR IN HVAC DUCTS.



JUNCTION BOX ROUGH-IN DETAIL

- NO SCALE
- NOTES:
1. DETAILS ARE FOR REFERENCE ONLY.
 2. NOT ALL DEVICES ARE REQUIRED FOR THIS PROJECT.
 3. PROVIDE TWO GANG BACKBOXES (2" MINIMUM DEPTH) WITH ALL RECEPTACLE OUTLETS.

TURNSTYLE NOTE:

PROVIDE DATA CABLES WHERE SHOWN. PROGRAMMING AND INTEGRATION TO SCANNER SYSTEM TO BE BY OTHERS.

PANEL NOTE:

ALL NEW DEVICES CIRCUIT TO PANEL "IPPSA" UNLESS NOTED OTHERWISE.

FIRE ALARM NOTE:

PROVIDE EMPTY RACEWAY WITH PULL ROPE FOR FIRE ALARM CABLES TO TURNSTILES. FIRE ALARM INTEGRATION TO BE BY OTHERS UNDER SEPARATE CONTRACT DIRECT TO OWNER UNLESS NOTED OTHERWISE.

EXISTING DEVICE NOTE:

EXISTING LIGHTING AND CEILING MOUNTED DEVICES TO REMAIN UNLESS NOTED OTHERWISE.

SIGNATURE _____
DATE _____

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT NUMBER 223026.01
DATE OF ISSUE 7/17/23
DRAWN BY 20/10
CHECKED BY 20/10

ELECTRICAL PLAN