



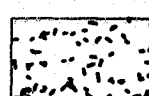

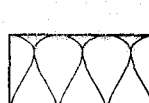
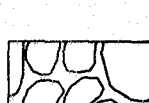


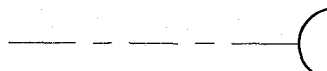



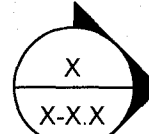
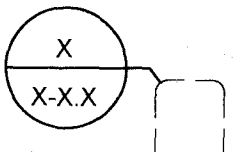
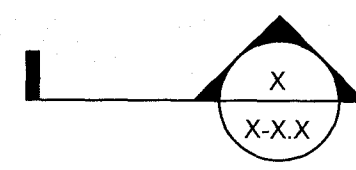
DIAMONDS DIRECT

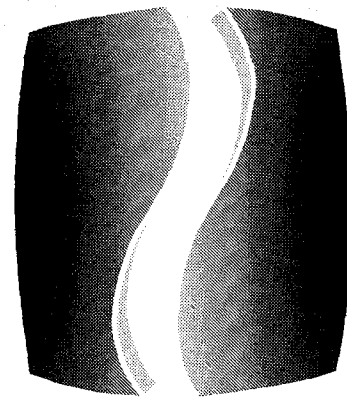
INTERIOR TENANT IMPROVEMENT

CONSTRUCTION DOCUMENTS

2600 N MAYFAIR RD

WAUWATOSA, WI, 53226

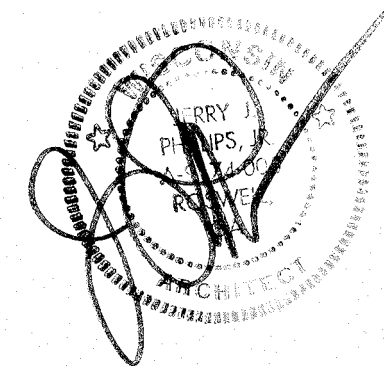
MATERIALS	SYMBOLS	TEAM MEMBERS	CODE ANALYSIS	DRAWING INDEX
<div><div>CMU</div><div>BRICK</div><div>CONCRETE</div><div>RIGID INSULATION</div><div>BATT INSULATION</div><div>GRAVEL</div><div>EARTH</div><div>WOOD BLOCKING</div></div> <div><div>FACE OF STRUCTURE</div><div>CENTERLINE OF COLUMN</div><div>NOTE TAG REFERENCING GENERAL NOTES ON PLANS</div><div>DOOR NUMBER, SEE DOOR SCHEDULE</div><div>ELEVATION MARK</div><div>ENLARGED PLAN DETAIL MARK</div><div>SECTION MARK 'SIM' - SIMILAR 'OH' - OPPOSITE HAND 'TYP' - TYPICAL</div></div>	<div><div>LANDLORD: BROOKFIELD PROPERTIES RETAIL LLC 350 N ORLEANS ST #300 CHICAGO IL, 60654</div><div>TENANT: DIAMONDS DIRECT USA INS. 4521 SHARON ROAD, SUITE 101 CHARLOTTE, NC 28211</div><div>ARCHITECT: PHILLIPS PARTNERSHIP 5901 PEACHTREE DUNWOODY RD BUILDING A - SUITE 450 ATLANTA, GA 30328</div><div>MECHANICAL /PLUMBING: SAVANT ENGINEERING 5064 ROSWELL ROAD, SUITE D-301 SANDY SPRINGS, GA 30342</div><div>ELECTRICAL SAVANT ENGINEERING 5064 ROSWELL ROAD, SUITE D-301 SANDY SPRINGS, GA 30342</div><div>GENERAL CONTRACTOR: T.B.D.</div><div>BUILDING DEPT: CITY OF WAUWATOSA 7725 W NORTH AVE, WAUWATOSA, WI, 53213 PHONE : (414) 479-8900</div></div> <div><div>BRIAN CONTNEY TEL: 312.960.2863 EMAIL: BRAIN.CONTNEY@BPRETAIL.COM</div><div>JEFFERY BAER TEL: 404.900.8315</div><div>JERRY CRAIN TEL: (770)394-1616 FAX: (770)394-1314</div><div>TROY NEDDERMAN, PE TEL: 770.319.7400 FAX: 770319.7499 EMAIL: TNEDDERMAN@SAVANTENG.COM</div><div>JON GENTRY, PE TEL: 770.319.7400 FAX: 770.319.7499</div><div>T.B.D.</div><div>T.B.D.</div></div>	<div>LOCATION: </div>		



PHILLIPS

CONSULTANT

SEAL



ISSUE & REVISION RECORD

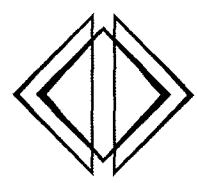
#	DATE	DESCRIPTION
	07/20/2023	TI PERMIT SET
1	07/31/2023	OWNER'S COMMENT

DIAMONDS DIRECT

2600 N Mayfair RD

Wauwatosa, WI 53226

CLIENT



DIAMONDS DIRECT

PHILLIPS JOB NUMBER

2336402

ISSUE DATE

06/30/2023

DRAWN BY/CHECKED BY

DT/GC

DRAWING TITLE

COVER SHEET

SHEET NUMBER

G-0.0

5901 PEACHTREE DUNWOODY RD

BUILDING A - SUITE 450

ATLANTA, GEORGIA 30328

ISSUED FOR CONSTRUCTION

1. ALL WORK SHALL COMPLY WITH APPLICABLE CODES, ORDINANCES, AND REGULATIONS, AND NECESSARY LICENSES, CERTIFICATES, ETC. REQUIRED BY AUTHORITY HAVING JURISDICTION SHALL BE OBTAINED AND PAID FOR BY THE GENERAL CONTRACTOR (G.C.).
2. THE CONTRACTOR SHALL VERIFY AND COORDINATE SIZE AND LOCATION OF ALL OPENINGS FOR STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL, OR ARCHITECTURAL WORK. NO PENETRATIONS THROUGH METAL PANEL RISBS.
3. THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATION OF ANY AND ALL MECHANICAL, ELECTRICAL, PLUMBING, OR STRUCTURAL ELEMENTS AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE MET. NOTIFY THE PROJECT COORDINATOR OF ANY CONFLICTS. THE CONSULTANT HAS THE RIGHT TO MAKE MINOR MODIFICATIONS IN THE DESIGN OF THE FACILITY WITHOUT THE CONTRACTOR GETTING ADDITIONAL COMPENSATION.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS THROUGHOUT THE SET OF DRAWINGS. DO NOT SCALE THE DRAWINGS. DIMENSIONS ARE EITHER TO THE FACE OF FINISHED ELEMENTS, FACE OF ELEMENTS, OR TO THE CENTER LINE OF ELEMENTS UNLESS NOTED OTHERWISE. CRITICAL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR WITH THE ARCHITECT. IF THE CONTRACTOR FINDS ANY DISCREPANCIES IN THE DRAWING, THE G.C. SHALL CONTACT THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH ANY CONSTRUCTION.
5. EACH PRIME CONTRACTOR SHALL SECURE, PROTECT, REPLACE AND/OR RESTORE ALL MATERIALS STORED OR INSTALLED ON THE SITE.
6. EACH PRIME CONTRACTOR SHALL CONSULT WITH THE RESPECTIVE MUNICIPAL FIRE DEPARTMENT AUTHORITIES HAVING JURISDICTION RELATIVE TO REQUIREMENTS FOR SYSTEMS RELATED TO FIRE ALARM, FIRE PROTECTION, FIRE SUPPRESSION, AND/OR FIRE EXTINGUISHER PROTECTION IN THE BUILDING PRIOR TO OBTAINING THE BUILDING PERMIT FOR THIS PROJECT AND SHALL ADVISE THE ARCHITECT. A MINIMUM NUMBER OF REQUIRED FIRE EXTINGUISHERS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. VERIFY LOCATION WITH ARCHITECT.
7. FOUNDATIONS AND FOOTINGS FOR ALL COLUMNS, PIERS AND WALLS SHALL BE IN ACCORDANCE WITH STRUCTURAL ENGINEERING AND ARCHITECTURAL DRAWINGS WITH SOIL ENGINEER RECOMMENDATIONS. ALL FINAL GRADES TO BE VERIFIED WITH ENGINEER. ALL FINAL GRADES OR PAVEMENTS ABUTTING THE BUILDING SHALL BE 1 1/2" BELOW FINISH FLOOR EXCEPT AT DOORS AND SHALL SLOPE AWAY FROM THE BUILDING. COORDINATE WITH CIVIL DOCUMENTS, LANDSCAPE DOCUMENTS AND STRUCTURAL DOCUMENTS.
8. SIDEWALK SLABS SHALL BE MINIMUM 4" THICK REINFORCED CONCRETE WITH NON-SLIP FINISH ON COMPACTED EXISTING POROUS SUB-BASE OR COMPACTED POROUS FILL AS REQUIRED AND/OR RECOMMENDED BY SOILS ENGINEER. CONTROL JOINTS SHALL BE SPACED AS INDICATED IN CONSTRUCTION DOCUMENTS. SIDEWALK TO SLOPE 1:48 MAX. AWAY FROM THE BUILDING WALL UNLESS OTHERWISE NOTED.
9. NOTICE TO ALL GENERAL CONTRACTORS AND SUB-CONTRACTORS, IT IS YOUR RESPONSIBILITY TO BID YOUR SCOPE OF WORK USING THE COMPLETE SET OF PLANS AND SPECIFICATIONS. THE FACT THAT SOMETHING WAS NOT INDICATED ON YOUR PORTION OF THE DRAWINGS WILL NOT BE ACCEPTABLE AS A REASON FOR AN EXTRA. IF IT CAN BE FOUND ELSEWHERE IN THE DRAWINGS OR SPECIFICATIONS AND IF IT IS SHOWN ON THE DRAWINGS, IT IS TO BE BUILT. IT IS AT THE DISCRETION OF THE OWNER AND ARCHITECT TO DECIDE ON ANY DISCREPANCIES DURING CONSTRUCTION AND THE GENERAL CONTRACTOR AND SUB-CONTRACTOR ARE RESPONSIBLE TO BUILD IT.
10. IF THERE ARE ANY DISCREPANCIES IN THE COMPLETE SET OF CONSTRUCTION DOCUMENTS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN A WRITTEN FORM OF AN R.F.I. "REQUEST FOR INFORMATION" FROM THE GENERAL CONTRACTOR DURING THE BIDDING STAGE AND PRIOR TO SUBMITTING BIDS.
11. A COMPLETE SET OF AS-BUILTS INCLUDING AN A.L.T.A. SURVEY SHALL BE FURNISHED TO THE ARCHITECT AT COMPLETION OF THE PROJECT. THE CLOSE OUT PACKAGE IN THE FORM OF A HARD BINDER WITH INDEXED LABELS AND DIVIDERS WHICH INCLUDES COPIES OF PERMITS AND THE CERTIFICATE OF OCCUPANCY, A LIST OF SUB-CONTRACTORS AND PHONE NUMBERS, THE TEST AND BALANCE REPORT, ALL WARRANTIES AND MANUALS, ETC. TWO COPIES SHOULD GO DIRECTLY TO THE OWNER.
12. GENERAL CONTRACTOR AND SUB-CONTRACTOR ARE TO BID THIS PROJECT AS DESIGNED. VALUE ENGINEERING IS WELCOMED AND IS ALSO ENCOURAGED IN AN EFFORT TO GET THE BEST VALUE FOR OWNERS. GENERAL CONTRACTOR SHALL SUBMIT HIS BID PER PLANS AND SPECIFICATIONS AND SUBMIT VALUE ENGINEERING ITEMS SEPARATELY.
13. GENERAL CONTRACTOR TO GIVE A 5 DAY ADVANCE NOTICE OF INTENTION TO PLACE THE SLAB. IF THE SLAB ROUGH-INS ARE INCORRECT, THEY WILL BE CORRECTED AT GENERAL CONTRACTOR'S EXPENSE.
14. GENERAL CONTRACTOR TO PROVIDE A ONE YEAR WARRANTY FROM ALL OF HIS SUB- CONTRACTORS FOR ALL LABOR, PRODUCTS, AND/OR ANY SYSTEMS PUT INTO THIS PROJECT. ONE YEAR WARRANTY STARTS AT POSSESSION OF CERTIFICATE OF OCCUPANCY.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP OF ALL TRADES AND REMOVE ALL DEBRIS FROM THE CONSTRUCTION SITE. AT THE COMPLETION OF PROJECT, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE BUILDING AND SITE TO NEW CONDITION.
16. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, ETC.. ACCORDING TO APPLICABLE CODES, STANDARDS, AND AS PER RECOGNIZED GOOD WRITTEN CONSTRUCTION PRACTICES.
17. THE CONTRACTOR SHALL MEET ALL OSHA REQUIREMENTS FOR ALL INSTALLATIONS.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES, INCLUDING WATER ENTRY ON WALLS THAT MAY ENHANCE MOLD GROWTH, TO EXISTING CONSTRUCTION AND REPAIR ALL DAMAGES TO NEW CONSTRUCTION. STANDARD CONTRACTOR SHALL NOTIFY THE PROJECT COORDINATOR OF ANY DAMAGE TO THE BUILDING SITE OR ADJACENT STRUCTURES AROUND THE PROJECT. THE CONSULTANT SHALL BE THE SOLE AND FINAL JUDGE AS TO THE QUALITY OF THE REPAIR OF CONSTRUCTION. ANY ADDITIONAL MODIFICATIONS WHICH MUST BE MADE, SHALL BE MADE AT THE CONTRACTOR'S EXPENSE WHERE ONE DETAIL IS SHOWN FOR ONE CONDITION. THIS SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY MARKED ON THE DRAWINGS OR REFERRED TO IN THE STANDARD SPECIFICATIONS & SUPPLEMENTAL SPECIFICATIONS UNLESS NOTED OTHERWISE.

1. CONTRACTOR SHALL PERMANENTLY IDENTIFY ALL RATINGS AT TENANT PARTITIONS, SMOKESTOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, AND EXIT ENCLOSURES EITHER BY INSTALLING SIGNS OR STENCILING IN CONCEALED SPACES THE FOLLOWING: "ONE-HOUR RATED FIRE BARRIER - PROTECT ALL OPENINGS." IDENTIFICATION SHALL BE SPACED NO MORE THAN 12" O.C. WITH A MIN. LETTER SIZE OF 2" HEIGHT ON A CONTRASTING BACKGROUND. (IBC 2018 ED.)
2. CONCEALED INSULATING MATERIALS INSTALLED WITHIN WALL, FLOOR, ROOF, AND CEILING CAVITIES (COMPLETELY ENCLOSED BY APPLIED FINISHES) SHALL HAVE A FLAME SPREAD RATING NO GREATER THAN 25 AND A SMOKE DEVELOPED RATING NO GREATER THAN 450 AS DETERMINED IN ACCORDANCE WITH ASTM E 84 (IBC 2018 ED. CHAPTER 7 - FIRE-RESISTANCE-RATED CONSTRUCTION).
3. INSULATING MATERIALS WHICH ARE POTENTIALLY SUBJECT TO DIRECT EXPOSURE TO POTENTIAL FIRE ON THE INSIDE OF THE BUILDING DUE TO INSTALLATION IN UNCONCEALED SPACES OF ANY CONSTRUCTION TYPE (I THRU V) PER 590C CHP. 6) SHALL HAVE A FLAME SPREAD RATING NO GREATER THAN 25 AND A SMOKE DEVELOPED RATING NO GREATER THAN 450 AS DETERMINED IN ACCORDANCE WITH ASTM E 84 (SEE NFPA 101 LIFE SAFETY CODE 2018 EDITION AND IBC 2018 ED. EDITION FOR EXCEPTIONS).

A/C	AIR CONDITIONER	FE	FIRE EXTINGUISHER	OZ.	OUNCE	S.P.	SPLICE POINT
A.C.T.	ACOUSTICAL CEILING		AND BRACKET	PL.	PLATE	SQ. FT.	SQUARE FOOT
	TILE	F.E.C	FIRE EXTINGUISHER	PLYWD.	PLYWOOD	S.S.	STAINLESS STEEL
A.F.F.	ABOVE FINISHED		CABINET	P.S.I	PAIR	STD	STANDARD
ALT	ALTERNATE	F.H.C.	FIRE HOSE CABINET	P.S.I	POUNDS PER	STL	STEEL
ALU.	ALUMINUM	FIN. FLR	FINISH FLOOR		SQUARE INCH	STOR.	STORAGE
ANC.	ANCHOR	F.J	FALSE JOINT	P.S.F.	POUNDS PER	STRUC.	STRUCTURAL
L	ANGLE	FLR	FLOOR		SQUARE FOOT	SUSP	SUSPENDED
ARCH	ARCHITECTURAL	FTG	FOOTING	P.T.	PRESSURE	TEMP	TEMPORARY
		GA	GAUGE		TREATED	THK	THICK
B.C.J.	BUILDING CONTROL	@	GALV.	R.D.	RADIUS	THK	THICKNESS
	JOINT	GEN.	GENERAL	R.D	ROOF DRAIN	T.O.	TOP OF
BD.	BOARD	GYP	GYPNUM	RECP.T	RECEPTACLE	T.O.S	TOP OF STEEL
BLDG.	BUILDING	GYP BD	GYPNUM BOARD	REINF.	REINFORCED/	TYP	TYPICAL
BLK.	BLOCK	H.C	HANDICAPPED	REF.	REFER TO	U.N.O	UNLESS NOTED
BM	BEAM	HK	HOOK	REF.	REFER TO		OTHERWISE
BOT	BOTTOM	H.M	HOLLOW METAL	REQ'D.	REQUIRED	V.C.T.	VINYL COMPOSITION
BUR	BUILT-UP ROOF	HOR.	HORIZONTAL	RM.	ROOM		TILE
QER	CERAMIC	HR.	HOOR	R/W	RIGHT OF WAY	VERT.	VERTICAL
C.J.	CENTRAL JUNCTION	HT.	HEIGHT	SCHED.	SCHEDULE	W.	WITH
C.C.	CEILING LINE	INSUL.	INSULATION	SECT.	SECTION	WD	WOOD
CLG	CEILING	INT.	INTERIOR	S.F	SQUARE FOOT	WWW	WELDED WIRE MESH
CLR	CLEAR	JT	JOINT	SIM	SIMILAR		
CMU	CONCRETE MASONRY	LA.	LAYER				
	UNIT	LAM	LAMINATED				
CPT	CARPET	L.F	LINEAL FOOT				
COL	COLUMN	MANUF	MANUFACTURER				
CONC.	CONCRETE	MATER	MATERIAL				
CONST	CONSTRUCTION	MAX	MAXIMUM				
CONT.	CONTINUOUS	MECH	MECHANICAL				
C.S.	CAST STONE	MH	MANHOLE				
C.TR.	CENTER	MIL	MILLIMETER				
D.F.	DRINKING FOUNTAIN	MIN	MINIMUM				
DIA.	DIAMETER	MISC.	MISCELLANEOUS				
DN.	DOWN	M.O.	MASONRY OPENING				
D.S.	DOWNSPOUT	M.PH	MILES PER HOUR				
DTL	DETAIL	MTL	METAL				
E.A.	EACH	N.I.C.	NOT IN CONTRACT				
EFS	EXTERIOR	NOM	NOMINAL				
E.J.	INSULATION	N.T.S.	NOT TO SCALE				
	FINISH SYSTEM	O.C	ON CENTER				
	EXPANSION/SEISMIC	O.D	OUTSIDE DIAMETER				
ELEC.	JOINT	OH.	OVERHEAD				
ELEV.	ELECTRIC/ELECTRICAL	OPNG.	OPENING				
E.P.		OPP.	OPPOSITE				
EQ.	ELEVATION						
E.W.	ELECTRICAL PANEL						
EXP	EQUAL						
EXR	EACH WAY						
EXT.	EXPANSION						
F.D.	EXISTING TO REMAIN						
	EXTERIOR						
	FLOOR DRAIN						

For Number of Layers and Hourly Ratings See Item 4

Diagram illustrating the components of a window blind assembly:

- 1: Top Rail
- 2: Slat
- 3: Bottom Rail
- 3A: Slat (Side View)
- 4: Cord
- 5: Cord Attachment (Top)
- 6: Cord Attachment (Bottom)
- 7: Cord Attachment (Side)

- | Wallboard Protection on Each Side of Wall | | | |
|---|-------------------|---|---|
| Rating | Min Stud
Depth | No. of Layers
And Thickness
Of Panels | Min Thickness
Of Insulation
(Item 38) |
| 1 | 3-1/2 | 1 layer, 5/8 in. thick | Optional |
| 2 | 2-1/2 | 1 layer, 1/2 in. thick | 1-1/2 in. |
| 2 | 1-5/8 | 2 layers, 1/2 in. thick | Optional |
| 2 | 1-5/8 | 2 layers, 5/8 in. thick | Optional |
| 3 | 3-1/2 | 1 layer, 3/4 in. thick | 3 in. |
| 3 | 1-5/8 | 3 layers, 1/2 in. thick | Optional |
| 3 | 1-5/8 | 2 layers, 3/4 in. thick | Optional |
| 4 | 1-5/8 | 4 layers, 1/2 in. thick | Optional |
| 4 | 2-1/2 | 2 layers, 3/4 in. thick | 2 in. |

- *Bearing the UL Classification Marking

ISSUED FOR CONSTRUCTION



CONSULTANT

SEAL



#	DATE	DESCRIPTION
	07/20/2023	TI PERMIT SET

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PROJECT _____

DIAMONDS DIRECT

2600 N Mayfair RD
Wauwatosa, WI 53226

CLIENT



PHILLIPS JOB NUMBER

2336402

ISSUE DATE

06/30/2023

DRAWN BY/CHECKED BY

DT/GC

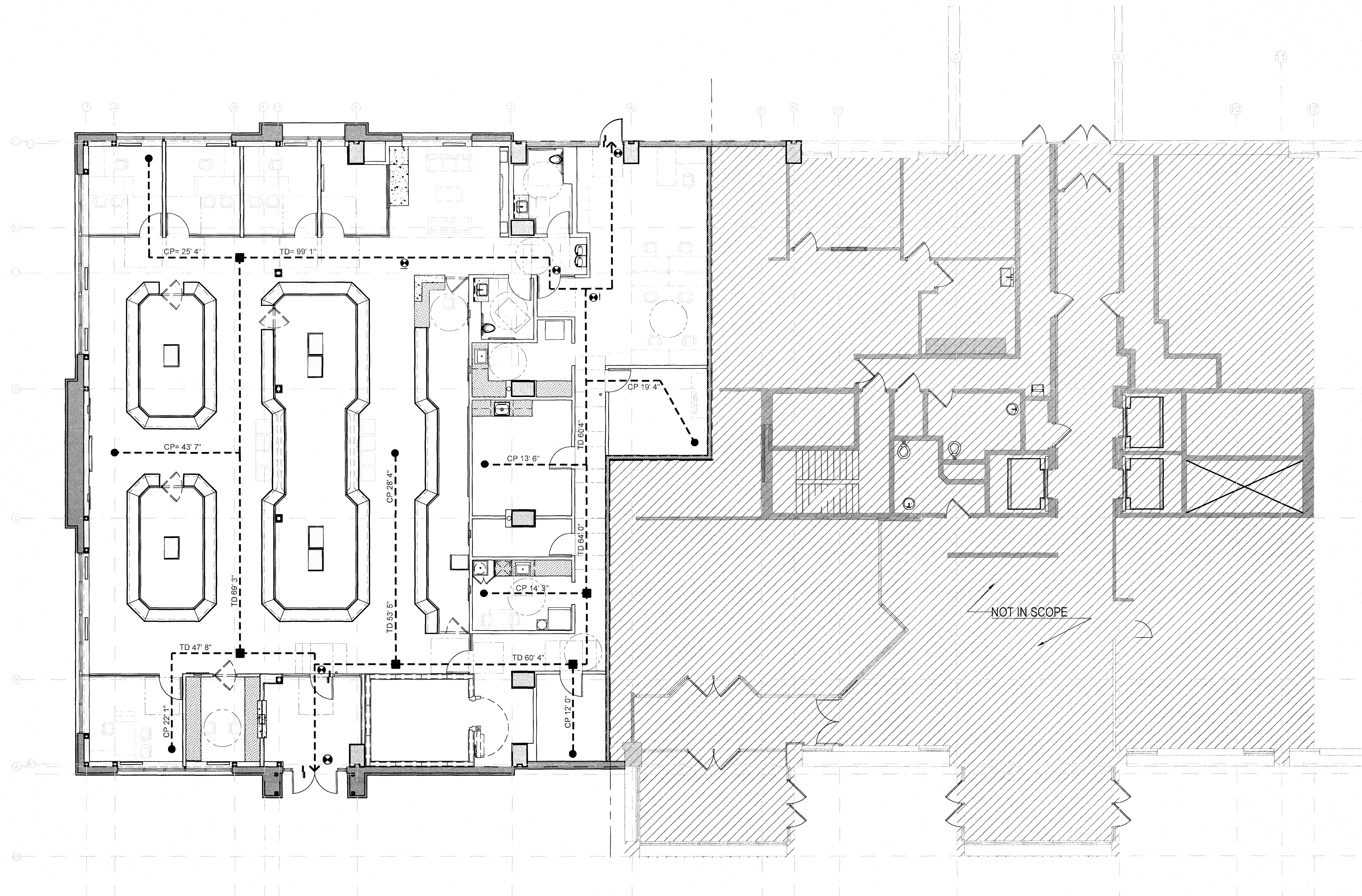
DRAWING TITLE _____

LIFE SAFETY PLAN

SHEET NUMBER

G-0.2

5901 PEACHTREE DUNWOODY RD
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30341



 LIFE SAFETY PLAN

SCALE: 1/8"=1'-0"

LIFE SAFETY GENERAL NOTES:

- LIFE SAFETY GENERAL NOTES:**
- A. 36 INCHES REQUIRED EGRESS CORRIDOR WIDTH FOR OCCUPANCIES UNDER 50. IBC SEC 1020.2.
 - B. NO DEAD END CORRIDORS OVER 20' IN LENGTH. IBC SEC 1020.4.
 - C. MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE FROM EXIT IS 75'-0" MEASURED AT THE MOST REVERSE POINT ALONG THE NATURAL AND UNOBSTRUCTED PATH OF HORIZONTAL AND VERTICAL TRAVEL TO THE EXIT. IBC TABLE 1006.2.1. THE COMMON PATH OF TRAVEL DISTANCE MUST BE LESS THAN 200 FEET WHERE THE PATH OF TRAVEL SERVES 50 OR MORE OCCUPANTS PER NFPA 101.
 - D. MAXIMUM EXIT ACCESS TRAVEL DISTANCE 250' WITH SPRINKLERS. IBC TABLE 1007.2.
 - E. DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED MEANS OF EGRESS WIDTH BY MORE THAN 7 INCHES. DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN ONE HALF. IBC SEC 1006.7.1.
 - F. DISTANCE BETWEEN TWO POINTS OF EGRESS (MEASURED IN A STRAIGHT LINE BETWEEN THE TWO) SHALL NOT BE LESS THAN 1/2 THE DIAGONAL SPACE BEING SERVED FOR THE EGRESS PATH. IBC SEC. 1007.1.1
 - G. HANDRAIL HEIGHT SHALL BE MEASURED FROM THE FINISH FLOOR SURFACE OR STAIR NOSING. HEIGHT SHALL BE UNIFORM, NOT LESS THAN 34" AND NOT MORE THAN 38" HIGH. IBC SEC 1014.2
 - H. GUARD RAIL HEIGHT SHALL BE MEASURED FROM THE ADJACENT WALKING SURFACE AND SHALL BE NOT LESS THAN 42" HIGH. IBC SEC 1015.3
 - I. SPACE BETWEEN DOORS IN A SERIES SHALL BE 48" MINIMUM PLUS THE WIDTH OF A DOOR SINGING INTO THE SPACE. IBC SEC 1010.1.8
 - J. PROVIDE AND INSTALL OCCUPANCY SIGN IN A CONSPICUOUS LOCATION IN ACCORDANCE WITH STATE & LOCAL CODES.
 - K. ALL LIGHT SWITCHES, THERMOSTATS, SECURITY ALARMS, AND ELECTRICAL OUTLETS, ETC. MUST BE MOUNTED TO MEET ALL GOVERNING ACCESSIBILITY REQUIREMENTS FOR FLOOR & HEIGHT CLEARANCES AND ONE HAND GRASPING OPERATION.

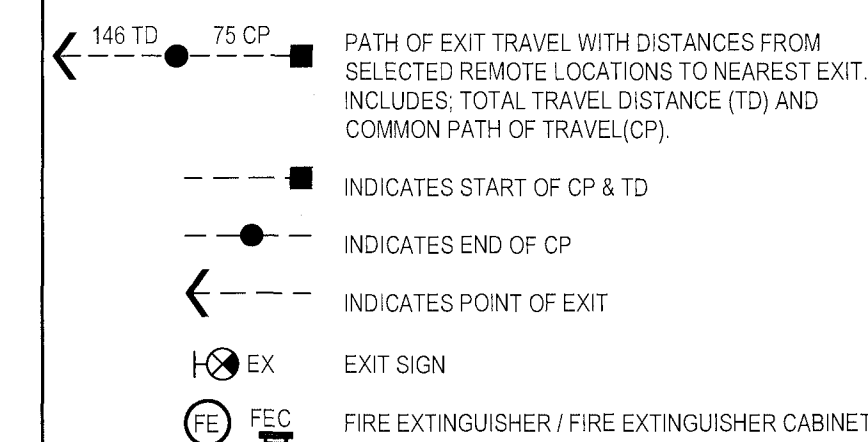
FIRE EXTINGUISHER NOTES:

- FIRE EXTINGUISHER NOTES:
- A. GC TO PROVIDE MIN. OF TWO (2) FIRE EXTINGUISHERS. INSTALL AT 4' AFF TO PERAPABLE PART/BRACKET. LOCATIONS SHOWN ARE FOR REFERENCE ONLY. GC MUST VERIFY/CORRECT/ADJUST ALL LOCATIONS AND QUANTITIES WITH LOCAL FIRE MARSHAL.
- B. PER IFC, THE MINIMUM REQUIRED IS A 2A10BC EXTINGUISHER WITHIN 75'-0" OF TRAVEL DISTANCE OF ALL AREAS.
- C. NPFA INSPECTION TAGS SHALL BE ATTACHED TO ALL FIRE EXTINGUISHERS.

CODED NOTES

- | | |
|---|--|
| 1 | INSTALL OWNER FURNISHED TACTILE EXIT SIGN TO GLASS WITH PRESSURE SENSITIVE FOAM TAPE. |
| 2 | INSTALL OWNER FURNISHED BLANK SIGN BACKPLATE TO GLASS WITH PRESSURE SENSITIVE FOAM TAPE. ALIGN WITH INTERIOR TACTILE SIGN LOCATION. |
| 3 | INSTALL OWNER FURNISHED BUSINESS HOURS SIGN BACKPLATE TO GLASS WITH PRESSURE SENSITIVE FOAM TAPE. ALIGN WITH INTERIOR TACTILE SIGN LOCATION. |
| 4 | PROPOSED FIRE EXTINGUISHER LOCATION. VERIFY/COORDINATE WITH LOCAL FIRE MARSHAL & OWNER. |

EGRESS PATH DESIGNATION



ISSUED FOR CONSTRUCTION

DIVISION 02: SITE CONSTRUCTION

SECTION 02 0000 - GENERAL REQUIREMENTS

- A. GENERAL: SITE WORK IS THE RESPONSIBILITY OF THE LANDLORD UNDER SEPARATE PERMIT. THE CONTRACTOR IS TO COORDINATE WITH THE LANDLORD'S CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION AND IDENTIFY, IN WRITING, TO THE OWNER'S PROJECT MANAGER ANY SCOPE THE LANDLORD'S CONTRACTOR HAS NOT COMPLETED, IS IN THE PROCESS OF COMPLETING, OR HAS COMPLETED BUT IS FOUND TO HAVE DEFECTS OR DAMAGE REQUIRING REPAIR.

DIVISION 05: METALS

SECTION 05 4000 - COLD-FORMED METAL FRAMING

- A. GENERAL: PROVIDE COLD-FORMED METAL FRAMING IN ACCORDANCE WITH THE GENERAL STRUCTURAL NOTES AND STRUCTURAL DRAWINGS AND DETAILS.
1. STANDARDS: MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING:
- a. AISI S602.2-01 "DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
 - b. AWS "STRUCTURAL WELDING CODES, D1.3-SHEET STEEL"
 - c. USG "SA923 DRYWALL/STEEL FRAMED SYSTEMS."
- B. MATERIALS:
1. MATERIALS COMPLIANCE: WHEN REQUESTED, SUBMIT ACCEPTABLE DATA DOCUMENTING MATERIALS COMPLIANCE FOR EACH TYPE OF MATERIAL REQUIRED.
2. LOAD-BEARING COLD-FORMED METAL FRAMING: ASTM A1003, GAGE, GRADE, AND TYPE INDICATED.
- a. COMPONENTS: PROVIDE SIZES AND SHAPES INDICATED.
 - b. FINISH: GALVANIZED COMPLYING WITH ASTM A653, MINIMUM G60 COATING.
3. METAL FRAMING: COMPLY WITH ASTM C 754 AND ASTM C 645 FOR MATERIALS AND SIZES.
- a. PARTITION METAL FRAMING:
 - i. STUDS: GALVANIZED STEEL, C-SHAPED, SIZES INDICATED, 20 GAGE "ST20"
 - ii. RUNNERS: MATCH STUDS, TYPE RECOMMENDED BY STUD MANUFACTURER FOR FLOOR AND CEILING SUPPORT OF STUDS. PROVIDE FLEXIBLE CEILING RUNNERS FOR FULL HEIGHT METAL STUD FRAMED PARTITIONS CONTINUOUS FROM FLOOR TO UNDERSIDE OF STRUCTURAL MEMBERS OR DECK ABOVE.
4. CEILING AND SOFFIT METAL FRAMING/SUSPENSION SYSTEMS:
- a. SMALL AREAS: METAL STUD FRAMING OF APPROPRIATE SIZE AND GAGE FOR SPANS INDICATED.
 - b. LARGE AREAS: FURRING CHANNEL "GRILLAGE" OR "DIRECT SUSPENSION SYSTEM" DESIGNED FOR CONCEALED SUPPORT OF GYPSUM BOARD CEILINGS, OF PROPER TYPE FOR USE INDICATED.
 - c. FURRING MEMBERS: 20 GAGE, GALVANIZED STEEL SCREW TYPE, HAT-SHAPED FURRING.
5. FABRICATION:
- a. COLD-FORMED METAL FRAMING MAY BE PRE-FABRICATED INTO PANELS BEFORE ERECTION. FABRICATE PANELS PLUMB, SQUARE, TRUE TO LINE, AND BRACED AGAINST RACKING WITH JOINTS WELDED.
 - b. PROVIDE ONE-PIECE FULL-LENGTH COLD-FORMED METAL FRAMING MEMBERS. SPICING NOT PERMITTED. ATTACH AND JOIN OTHER COMPONENTS BY WELDING OR SCREW FASTENERS, AS INDICATED. WIRE TYING OF FRAMING COMPONENTS IS NOT PERMITTED.
 - c. CUT FRAMING TO FIT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED FOR ANGULAR FIT AGAINST ABUTTING MEMBERS. HOLD MEMBERS SECURELY IN POSITION UNTIL PROPERLY FASTENED.
 - d. SAW CUT FIELD CUT FRAMING. TORCH CUTTING NOT ACCEPTABLE.

SECTION 05 4000 - COLD-FORMED METAL FRAMING (CONTINUED)

- C. INSTALLATION:
1. ERECTION: ERECT COLD-FORMED METAL FRAMING MEMBERS OF GAGE AND AT SPACING INDICATED ON STRUCTURAL DRAWINGS. ALIGN AND SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY WELDING OR SCREW FASTENERS AT BOTH INSIDE AND OUTSIDE FLANGES.
2. TOLERANCE ACCEPTANCE: INSTALL COLD-FORMED METAL FRAMING MEMBERS AS INDICATED ON THE PLANS. INSTALL TO 1/16" TOLERANCE.
3. INSTALL METAL WALL AND PARTITION FRAMING AND CEILING SUSPENSION/ SUPPORT SYSTEMS IN ACCORDANCE WITH USG BULLETIN SA 923 AND COMPLYING WITH ASTM C754.
- a. CEILING SUSPENSION/ SUPPORT SYSTEMS: METAL FURRING SYSTEM/DIRECT SUSPENSION OR STEEL STUD FRAMING SYSTEM.
 - b. WALL AND PARTITION FRAMING:
 - i. INSTALL STEEL STUDS PER SCHEDULE OR AT SPACING INDICATED WITH BOTTOM AND TOP RUNNER TRACKS ANCHORED TO SUBSTRATES. PROVIDE FLEXIBLE CEILING RUNNER TRACKS AT FULL HEIGHT PARTITIONS.
 - ii. TERMINATE PARTITION STUD SYSTEM 4" ABOVE CEILINGS, EXCEPT WHERE INDICATED TO BE EXTENDED TO STRUCTURAL SUPPORT OR ROOF DECK ABOVE. BRACE TOPS OF PARTITION FRAMING TO STRUCTURE OR ROOF DECK AT MAXIMUM 4'-0" ON CENTER SPACING.
 - iii. FRAME OPENINGS MORE THAN 2'-0" WIDE WITH TWO 20 GAGE STUDS AT EACH JAMB.
 - iv. COORDINATE THE INSTALLATION OF SUPPLEMENTARY BLOCKING AND NAILERS, PROVIDED UNDER SECTION 06100 WORK, TO SUPPORT SHELVING, MILLWORK, TOILET ACCESSORIES, AND SIMILAR WORK THAT CANNOT BE ADEQUATELY SUPPORTED BY GYPSUM BOARD ALONE.

SECTION 05 5000 - METAL FABRICATIONS

- A. GENERAL: PROVIDE RAILING, MISCELLANEOUS METAL SHAPES AND, FABRICATIONS AS REQUIRED AND NOT INCLUDED AS PART OF OTHER SECTIONS, WITH ANCHORS AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.
- B. SUBMITTALS: FURNISH SHOP DRAWINGS FOR CUSTOM FABRICATIONS AND PRODUCT DATA FOR MANUFACTURED ITEMS; PROVIDE TEMPLATES FOR ANCHOR INSTALLATION BY OTHERS.
- C. STEEL SHAPES: ASTM A36 STEEL.
- D. GROUT: PROVIDE NON-SHRINK, NON-METALLIC, PRE-MIXED, FACTORY PACKAGED, NON-STAINING, NON-CORROSIVE, NON-GASEOUS GROUT; TYPE SPECIFICALLY RECOMMENDED BY MANUFACTURER FOR APPLICATIONS INDICATED.
- E. FASTENERS AND ROUGH HARDWARE: TYPE REQUIRED FOR SPECIFIC USAGE; PROVIDE ZINC-COATED FASTENERS FOR EXTERIOR USE OR WHERE BUILT INTO EXTERIOR WALLS.
- F. WELDING MATERIALS: AWS D1.1, TYPE REQUIRED FOR MATERIALS BEING WELDED.
- G. PAINT: PROVIDE PRIMERS AS RECOMMENDED BY PAINT MANUFACTURERS FOR SUBSTRATES AND PAINTS SPECIFIED IN SECTION 09 9000 - PAINTING.
1. GALVANIZING REPAIR PAINT: HIGH ZINC-DUST CONTENT PAINT FOR REGALVANIZING WELDS IN GALVANIZED STEEL.
- H. FABRICATION: FABRICATE ITEMS WITH JOINTS NEATLY FITTED AND PROPERLY SECURED; GRIND EXPOSED WELDS CONTINUOUS, SMOOTH AND FLUSH WITH ADJACENT FINISHED SURFACES, AND EASE EXPOSED EDGES TO APPROXIMATE 1/32" UNIFORM RADIUS.
1. MAKE EXPOSED JOINTS FLUSH BUTT TYPE, HAIRLINE JOINTS WHERE MECHANICALLY FASTENED.
2. FIT AND SHOP ASSEMBLE IN LARGEST PRACTICAL SECTIONS FOR DELIVERY.
- I. FINISHES: GALVANIZE AND PRIME PAINT EXTERIOR MISCELLANEOUS METAL, PRIME PAINT INTERIOR MISCELLANEOUS METAL; GALVANIZE COATING MINIMUM G90 COATING, GALVANIZED AFTER FABRICATION.
1. CLEAN SURFACES OF RUST, SCALE, GREASE, AND FOREIGN MATTER PRIOR TO APPLYING GALVANIZED OR PAINTED FINISH.
- J. INSTALLATION: INSTALL ITEMS SQUARE AND LEVEL, ACCURATELY FITTED AND FREE FROM DISTORTION OR DEFECTS DETRIMENTAL TO APPEARANCE OR PERFORMANCE; ENSURE ALIGNMENT WITH ADJACENT CONSTRUCTION; COORDINATE WITH RELATED WORK TO ENSURE NO INTERRUPTION IN INSTALLATION.
1. SUPPLY ITEMS REQUIRING TO BE CAST INTO OR EMBEDDED IN OTHER MATERIALS TO APPROPRIATE TRADES.
2. AFTER INSTALLATION, TOUCH-UP FIELD WELDS AND SCRATCHED AND DAMAGED SURFACES; USE PRIMER CONSISTENT WITH SHOP COAT OR RECOMMENDED FOR GALVANIZED SURFACES, AS APPLICABLE.

DIVISION 06: WOOD AND PLASTICS

SECTION 06 1000 - ROUGH CARPENTRY

- A. GENERAL: PROVIDE ROUGH CARPENTRY WORK AS SHOWN AND SPECIFIED.
- B. STANDARDS: COMPLY WITH REQUIREMENTS OF AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC), AMERICAN PLYWOOD ASSOCIATION (APA), AND APPLICABLE CODE REQUIREMENTS.

- C. LUMBER, BLOCKING, NAILERS, AND SIMILAR MEMBERS: DRESSED, SEASONED DIMENSION LUMBER, S4S, AIR-DRIED, DIMENSIONS INDICATED.
1. GRADE: GRADED BY AN AGENCY CERTIFIED BY NATIONAL FOREST PRODUCTS ASSOCIATION (NFPA). MINIMUM GRADE S-DRY.
2. TYPE: AS RECOMMENDED FOR APPLICATION INVOLVED.
3. MOISTURE CONTENT: MAXIMUM 19% MOISTURE CONTENT COMPLYING WITH PS-20.
4. SPECIES: STANDARD GRADE WESTERN DIMENSION LUMBER, DOUGLAS FIR, OR SOUTHERN PINE.
5. TREATMENT: PROVIDE PRESERVATIVE TREATED LUMBER WHERE INDICATED.
- D. PLYWOOD: PROVIDE MINIMUM APA C-D EXTERIOR (CDX) PLYWOOD; STRESS RATED WHERE SPANNING SUPPORTING MEMBERS; MINIMUM 3/4" THICK UNLESS OTHERWISE INDICATED.
1. PLYWOOD STANDARD: COMPLY WITH PS1 (ANSI A199.1).
2. PLYWOOD EDGE: SQUARE
3. PLYWOOD PANEL BOARDS: PROVIDE PANEL BOARDS FOR ELECTRICAL AND COMMUNICATION PANEL BOARDS; APA C-D PLUGGED, INTERIOR TYPE PLYWOOD WITH EXTERIOR GLUE; MINIMUM 1/2" THICK.
- a. PROVIDE EXTERIOR GRADE (EXT) PLYWOOD WHERE INDICATED.
 - b. PROVIDE FIRE-RETARDANT TREATED PLYWOOD WHERE REQUIRED BY BUILDING CODE.
- E. ORIENTED STRAND BOARD (OSB): FACTORY GRADE-MARKED, COMPLYING WITH PS-2, SQUARE EDGE, 5/8" THICK UNLESS OTHERWISE INDICATED.
- F. TREATED WOOD:
1. PRESSURE TREATMENT: COMPLY WITH APPLICABLE REQUIREMENTS OF AWPA STANDARDS C2 AND C9.
- a. PRESSURE PRESERVATIVE TREAT LUMBER WITH WATER-BORNE PRESERVATIVES, ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. TO A MINIMUM RETENTION OF 0.25 PCF.
 - b. TREAT WOOD BLOCKING, NAILERS, AND SIMILAR MEMBERS IN CONNECTION WITH ROOFING AND FLASHING.
 - c. TREAT WOOD PLATES, BLOCKING, FURRING, AND SIMILAR CONCEALED MEMBERS IN CONTACT WITH MASONRY OR CONCRETE.
2. FIRE-RETARDANT TREATMENT: COMPLY WITH APPLICABLE REQUIREMENTS OF AWPA STANDARDS C27. IDENTIFY "FIRE-RETARDANT-TREATED PLYWOOD" WITH APPROPRIATE UL CLASSIFICATION MARKING.
3. TREATED MATERIALS SHALL MEET "INTERIOR TYPE A" FR-5 RATING OF NOT MORE THAN 25 FOR FLAME SPREAD, SMOKE DEVELOPED AND FUEL CONTRIBUTED WHEN TESTED IN ACCORDANCE WITH UL 723 OR ASTM E84, WITH NO INCREASE IN FLAME SPREAD AND EVIDENCE OF SIGNIFICANT PROGRESSIVE COMBUSTION UPON CONTINUATION OF TEST FOR ADDITIONAL THIRTY (30) MINUTES.
3. MOISTURE CONTENT: KILN-DRY TREATED WOOD TO 19 % MOISTURE CONTENT AND DISCARD WARPED AND DAMAGED PIECES.
- G. FASTENERS: PROVIDE FASTENERS AS REQUIRED FOR COMPLETE, SECURE INSTALLATION OF ROUGH CARPENTRY; GALVANIZED AT EXTERIOR LOCATIONS AND PRESSURE TREATED WOOD; SIZE AND TYPE TO SUIT APPLICATION; PROVIDE WASHERS FOR NUTS AND BOLTS.
- H. INSTALLATION: COMPLY WITH REFERENCED STANDARDS AND APPLICABLE CODE REQUIREMENTS.
1. PLYWOOD: COMPLY WITH RECOMMENDATIONS OF AMERICAN PLYWOOD ASSOCIATION (APA) FOR FABRICATION AND INSTALLATION OF PLYWOOD WORK.
2. PROVIDE WOOD BLOCKING, NAILERS, AND SIMILAR MEMBERS WHERE SHOWN AND WHERE REQUIRED FOR ATTACHMENT OF OTHER WORK AND SURFACE APPLIED ITEMS. ATTACH TO SUBSTRATE AS REQUIRED TO SUPPORT APPLIED LOADING.
3. PLACE MISCELLANEOUS ROUGH CARPENTRY TRUE TO LINES AND LEVELS.

SECTION 06 1000 - ROUGH CARPENTRY (CONTINUED)

4. CORRELATE LOCATION SO ATTACHED WORK WILL COMPLY WITH DESIGN REQUIREMENTS AND BE PROPERLY LOCATED.
5. CONSTRUCT MEMBERS OF CONTINUOUS PIECES OF LONGEST PRACTICAL LENGTHS AND SIZES TO MINIMIZE JOINTS.
6. USE ONLY SOUND, SEASONED MATERIALS, FREE OF WARP.
7. FIT CARPENTRY WORK TO OTHER WORK WITH TIGHT CONNECTIONS BETWEEN MEMBERS; SCRIBE AND COPE AS REQUIRED FOR ACCURATE FIT.
8. SECURELY ATTACH CARPENTRY WORK TO SUBSTRATES BY ANCHORING AND FASTENING AS REQUIRED BY RECOGNIZED STANDARDS.
9. PROVIDE WASHERS UNDER BOLT HEADS AND NUTS IN CONTACT WITH WOOD.

DIVISION 07: THERMAL AND MOISTURE PROTECTION

SECTION 07 2100 - BUILDING INSULATION

- A. GENERAL: PROVIDE THERMAL INSULATION WITH ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.
- B. MATERIALS:
1. BATT INSULATION (THERMAL):
- a. MANUFACTURER: OWENS CORNING CORPORATION
 - b. PRODUCT: TYPE I UNFACED THERMAL BATT FIBERGLASS INSULATION
 - c. R-VALUE: AS INDICATED IN DRAWINGS
 - d. THICKNESS: AS INDICATED IN DRAWINGS
 - e. CONTACT: 800-438-7465, WWW.OWENSCORNING.COM
2. BATT INSULATION (SOUND):
- a. MANUFACTURER: OWENS CORNING CORPORATION
 - b. PRODUCT: SOUND ATTENUATION BATT INSULATION
 - c. STC (ASSEMBLY): 49 (TEST NUMBER TL-93-325)
 - d. THICKNESS: AS INDICATED IN DRAWINGS
 - e. CONTACT: 800-438-7465, WWW.OWENSCORNING.COM
3. BATT INSULATION (FIRE RATED) - FOR FIRE RATED EXTERIOR WALL ASSEMBLY SEE A1.16:
- a. MANUFACTURER: ROXUL, INC.
 - b. PRODUCT: ROXUL(R) SAFE MINERAL FIBER INSULATION
 - c. R-VALUE: COMPLIANT WITH ASTM C518
 - d. FIRESTOPPING: COMPLIANT WITH ASTM E2307/E119
 - e. CONTACT: 800-265-6878, WWW.RSPEC.COM
4. RIGID INSULATION (ROOF):
- a. MANUFACTURER: DOW CHEMICAL COMPANY
 - b. PRODUCT: STYROFOAM DECKMATE PLUS FA FLAT AND TAPERED EXTRUDED POLYSTYRENE INSULATION
 - c. R-VALUE: 5.0 PER INCH OF THICKNESS
 - d. THICKNESS: 5 IN. MINIMUM THICKNESS AT ANY POINT ON ROOF
 - e. SLOPE: AS INDICATED IN DRAWINGS
 - f. CONTACT: 866-583-2583, WWW.DOWBUILDINGMATERIALS.COM
5. RIGID INSULATION (WALL):
- a. MANUFACTURER: INSULATION CORPORATION OF AMERICA
 - b. PRODUCT: TYPE I ICA-LITE EPS INSULATION
 - c. R-VALUE: 3.85 PER INCH OF THICKNESS
 - d. COMPRESSIVE STRENGTH: 10 PSI MINIMUM COMPLYING WITH ASTM C 578
 - e. DENSITY: 1.0 PCF MINIMUM
 - f. THICKNESS: AS INDICATED IN DRAWINGS
 - g. CONTACT: 610-791-4200, WWW.INSULATIONCORP.COM
6. VAPOR BARRIER MEMBRANE:
- a. PRODUCT: POLYETHYLENE VAPOR BARRIER
 - b. PERM RATING: 0.13 MAXIMUM
 - c. MUST COMPLY WITH ASTM D 4397
 - d. THICKNESS: 6 MILS MINIMUM
 - e. JOINT TAPE: PRESSURE SENSITIVE TAPE DESIGNED FOR SEALING JOINTS AND PENETRATIONS OF ABOVE AND BELOW GRADE VAPOR BARRIER SHEETS
 - f. MOUNTING TAPE: DOUBLE-FACED PRESSURE SENSITIVE TAPE SUITABLE FOR MOUNTING VAPOR BARRIERS TO STEEL FRAMING
- C. INSTALLATION:
1. GENERAL:
- a. INSTALL INSULATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR CONDITIONS OF INSTALLATION INDICATED. INSTALL INSULATION IN SINGLE LAYER OF REQUIRED THICKNESS OVER ENTIRE AREA TO BE INSULATED. CUT AND FIT TIGHTLY AROUND OBSTRUCTIONS. FILL ALL VOIDS.
 - b. INSTALL EXTERIOR WALL INSULATION CONTINUOUS BEHIND ELECTRICAL BOXES, CONDUIT, PIPING, AND DUCTWORK. FOUNDATION PERIMETER WALLS AND SLABS.
 - c. INSTALL RIGID FOAM INSULATION VERTICALLY FROM TOP OF SLAB TO TOP OF FOOTING AND THEN HORIZONTALLY UNDER SLABS, TOWARDS INTERIOR, EXTENDING A MINIMUM 18 IN. FROM EXTERIOR WALLS.
 - d. PROTECT INSULATION FROM DISPLACEMENT AND DAMAGE DURING BACKFILLING AND SLAB PLACEMENT.
2. EXTERIOR WALLS:
- a. INSTALL BATT/BLANKET INSULATION FULL HEIGHT AT EXTERIOR WALL FRAMING. USE BLANKET WIDTHS AND LENGTHS THAT FILL CAVITIES FORMED BY FRAMING MEMBERS AND PROVIDE A FRICTION FIT BETWEEN EDGES OF INSULATION AND FRAMING MEMBERS.
 - b. PROVIDE GALVANIZED WIRE MESH OR METAL STRAPPING TO PROVIDE SUPPLEMENTARY SUPPORT WHEN REQUIRED TO MAINTAIN INSULATION IN PERMANENT PROPER LOCATION.

4. VAPOR BARRIERS:
- a. INSTALL A SINGLE LAYER OF VAPOR BARRIER MEMBRANE OVER THE *INTERIOR OF EXTERIOR* METAL WALL FRAMING AFTER INSTALLATION OF INSULATION. SECURE WITH DOUBLE FACED TAPE AT WALL FRAMING.
 - b. PROVIDE SINGLE UNSPLICED MATERIAL HEIGHT. HORIZONTAL JOINTS NOT ACCEPTABLE. MINIMIZE VERTICAL JOINTS. LAP VERTICAL JOINTS AND SECURE IN PLACE WITH JOINTS TAPED. PROVIDE TAPE SEALED CONTACT WITH DOOR FRAMES, WINDOW FRAMES, PIPING, CONDUIT, DUCTWORK, REGISTERS, AND THE VAPOR BARRIER.
 - c. SEAL ALL CUTS AND PENETRATIONS OF VAPOR BARRIER MEMBRANE WITH TAPE BEFORE INSTALLING SURFACE FINISHES.

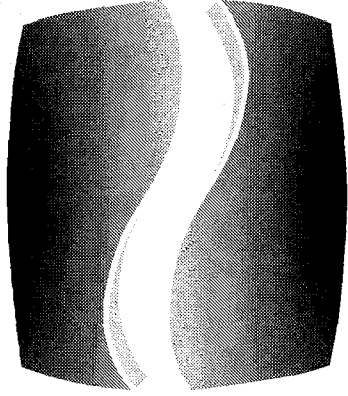
SECTION 07 6000 - FLASHING AND SHEET METAL

- A. GENERAL: PROVIDE FLASHING AND SHEET METAL, REGLETS, AND ACCESSORIES AS REQUIRED FOR A COMPLETE, WEATHERTIGHT INSTALLATION.
1. STANDARDS: CONFORM TO SMACNA "ARCHITECTURAL SHEET METAL MANUAL."
2. INSTALLATION: PERFORMED UNDER SECTION 075400 WORK.
3. DESIGN REQUIREMENTS: ALLOW FOR MOVEMENT OF COMPONENTS WITHOUT CAUSING BUCKLING, FAILURE OF JOINT SEALS, UNDUE STRESS ON FASTENERS OR OTHER DETRIMENTAL EFFECTS, WHEN SUBJECT TO 100 YEAR SEASONAL TEMPERATURE RANGES.
4. SUBMITTALS: FURNISH PRODUCT DATA FOR MANUFACTURED PRODUCTS.
5. WARRANTY: CORRECT FAILURE OF METAL FLASHING SYSTEM TO RESIST PENETRATION OF WATER AND DAMAGE FROM WIND; WARRANTY PERIOD TWO YEARS.
- B. MATERIALS:
1. PRE-MANUFACTURED PERIMETER EDGE METAL AND ACCESSORIES
- a. MANUFACTURERS:
 - i. DURO-LAST / EXCEPTIONAL METALS 2-PIECE COMPRESSION METAL SYSTEM BASE AND COVER MADE OF 24-GAUGE GALVALUME. COVER PROVIDED WITH A KYNAR ARCHITECTURAL FINISH PROVIDING A 35-YEAR FINISH WARRANTY. MEETS ANSI / SPRI ES-1 2003 METHOD RE-2 TESTING REQUIREMENTS. COLOR - AS INDICATED IN DRAWINGS.
 - ii. DURO-LAST / EXCEPTIONAL METALS VINYL BACKED SCUPPER. SCUPPER PROFILE AND SIZE AS INDICATED. COLLECTOR BOX TO BE MADE OF 24-GAUGE GALVALUME PROVIDED WITH A KYNAR ARCHITECTURAL FINISH PROVIDING A 35-YEAR FINISH WARRANTY. COLOR, PROFILE, AND SIZE AS INDICATED IN DRAWINGS.
 - iii. DURO-LAST / EXCEPTIONAL METALS DOWNSPOUTS TO BE MADE OF 24-GAUGE GALVALUME PROVIDED WITH A KYNAR ARCHITECTURAL FINISH PROVIDING A 35-YEAR FINISH WARRANTY. COLOR, PROFILE, AND SIZE AS INDICATED IN DRAWINGS WITH STRAP HANGER.
2. FLASHING AND SHEET METAL: MATCH EXISTING, BUT NOT LESS THAN FOLLOWING:
- a. GALVANIZED STEEL: ASTM A653 COMMERCIAL QUALITY SHEET STEEL WITH 0.2% COPPER, G90 HOT-DIP GALVANIZED. GAUGE AS INDICATED.
 - i. SCUPPERS: MINIMUM 16-GAUGE
 - ii. COPING/WALL CAPS: MINIMUM 18-GAUGE
 - b. ALUMINUM SHEET: ASTM B209 ALLOY 3003, TEMPER AS REQUIRED FOR FORMING AND PERFORMANCE. THICKNESS AS INDICATED.
 - i. CONDUCTOR BOXES: MINIMUM 0.040" THICKNESS
 - ii. DOWNSPOUTS: MINIMUM 0.025" THICKNESS
 - c. JOINT SEALERS: ONE-COMPONENT SILICONE ELASTOMERIC JOINT SEALANT COMPLYING WITH ASTM C920. COLOR MATCHED TO SHEET METAL FINISH.
 - i. METAL TO METAL SEALANT: BUTYL TYPE; NON-STAINING, NON-CORROSIVE, NON-SHRINKING, NON-SAGGING, ULTRA-VIOLET AND OZONE RESISTANT.
 - d. METAL ACCESSORIES: PROVIDE SHEET METAL FASTENERS, CLIPS, ST RAPS, ANCHORING DEVICES AND SIMILAR ACCESSORY UNITS AS REQUIRED FOR INSTALLATION OF WORK, MATCHING OR COMPATIBLE WITH MATERIAL INSTALLED, NON-CORROSIVE, AND SIZE AND GAUGE AS REQUIRED FOR PERFORMANCE AND ACCEPTABLE TO ARCHITECT.
 - e. REGLETS: FRY/SPRINGLOK OR MM SYSTEMS/SNAP-TITE REGLETS; FABRICATE OF SAME METAL AS ADJACENT FLASHING AND SHEET METAL.

- C. EXECUTION:
1. PREPARATION: COORDINATE SHEET METAL WORK WITH OTHER WORK FOR THE CORRECT SEQUENCING OF ITEMS WHICH MAKE UP THE ENTIRE ROOF SYSTEM OF WEATHERPROOFING AND DRAIN DRAINAGE.
2. INSTALLATION: COMPLY WITH SMACNA "ARCHITECTURAL SHEET METAL MANUAL" RECOMMENDATIONS, DRAWING DETAILS, AND APPROVED SHOP DRAWINGS FOR INSTALLATION OF THE WORK.
- a. ANCHOR SHEET METAL ITEMS SECURELY IN PLACE BY METHODS INDICATED, PROVIDING FOR THERMAL EXPANSION. CONCEAL FASTENERS AND EXPANSION PROVISIONS WHENEVER POSSIBLE. INSTALL JOINT SEALANTS WHERE REQUIRED.
 - b. SET UNITS TRUE TO LINES AND LEVELS INDICATED. INSTALL WORK WITH SEALED LAPS, JOINTS, AND SEAMS THAT WILL BE PERMANENTLY WATERTIGHT AND WEATHERPROOF. BED FLANGES OF SHEET METAL WORK IN THICK COAT OF ROOFING CEMENT OR SEALANT COMPATIBLE WITH ROOFING MEMBRANE.
 - c. SEPARATE SHEET METAL WORK FROM DISSIMILAR METALS AND TREATED WOOD MATERIALS. PROVIDE ROSIN-SIZED PAPER SLIPSHEET OVER TREATED WOOD.
 - d. FABRICATE, SUPPORT, AND ANCHOR CONDUCTOR BOXES AND DOWNSPOUTS TO WITHSTAND THERMAL EXPANSION, STRESSES, AND FULL LOADING BY ICE OR WATER WITHOUT DAMAGE, DETERIORATION, OR LEAKAGE.

SECTION 07 8000 - FIRESTOPPING

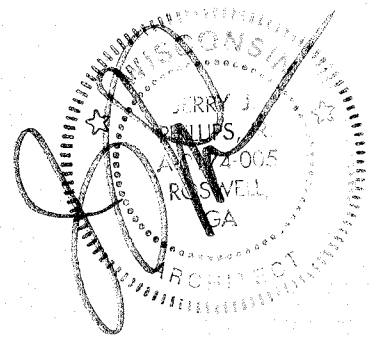
- A. GENERAL: PROVIDE PENETRATION-TYPE FIRESTOPPING FOR TIME-RATED FLOOR, WALL, AND PARTITION ASSEMBLIES CAPABLE OF PREVENTING PASSAGE OF FLAME, SMOKE AND HOT GASES.
- B. CODES: CONFORM TO APPLICABLE CODE REQUIREMENTS FOR BOTH F AND T RATINGS.
- C. STANDARDS: PASS ASTM E814 THROUGH-PENETRATION FIRE STOPS, ASTM E119 FIRE TESTS AND ASTM E84 FLAME SPREAD/SMOKE CONTRIBUTION MAXIMUM 25/25.
- D. MANUFACTURERS: 3M/FIRE BARRIER, HILTI/FIRESTOP SYSTEMS, OR APPROVED EQUAL.
- E. GENERAL: CHOOSE PRODUCTS AND METHODS MEETING APPLICABLE CODES AND SPECIFICATION REQUIREMENTS FOR EACH FIRESTOPPING APPLICATION, SUBJECT TO ARCHITECT'S ACCEPTANCE.
- F. FIRESTOPPING MATERIALS: FURNISH MATERIALS FOR PENETRATIONS IN TIME-RATED FLOOR, WALL, AND PARTITION ASSEMBLIES CAPABLE OF PREVENTING PASSAGE OF FLAME, SMOKE, AND HOT GASES.
1. PENETRATION TEST: FURNISH MATERIALS PASSING ASTM E814 FOR PENETRATION FIRE STOPPING INDICATING MAINTENANCE OF TIME-RATED ADJACENT ASSEMBLIES.
2. FIRESTOPPING: MAINTAIN FIRE RATING OF ASSEMBLY IN WHICH FIRESTOPPING IS INSTALLED, SUCH AS FLOOR, PARTITION, OR WALL, IN ACCORDANCE WITH ASTM E119 TESTS.
- G. INSTALLATION: INSTALL IN ACCORDANCE MANUFACTURER RECOMMENDATIONS AND FIRE TEST RESULTS AS REQUIRED TO PROVIDE REQUIRED FIRE RATINGS.
1. FIELD INSPECTIONS: MAINTAIN COPY OF MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS AT EACH WORK AREA.



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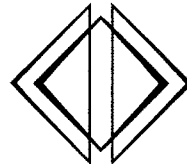
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PROJECT

DIAMONDS DIRECT
2600 N Mayfair RD
Wauwatosa, WI 53226

CLIENT



DIAMONDS DIRECT

PHILLIPS JOB NUMBER

2336402

ISSUE DATE

06/30/2023

DRAWN BY/CHECKED BY

DT/GC

DRAWING TITLE

ARCHITECTURAL
SPECIFICATIONS

SHEET NUMBER

G-9.1

500 PEACHTREE DUNWOODY RD
BUILDING A, SUITE 470
ATLANTA, GEORGIA 30328

ISSUED FOR CONSTRUCTION

SECTION 07 9000 - JOINT SEALERS

- A. GENERAL:
1. PROVIDE JOINT SEALERS AS SHOWN AND SPECIFIED.
 2. COMPLY WITH ASTM C920 REQUIREMENTS.
 3. INSTALLER QUALIFICATIONS: FIRM WITH MINIMUM FIVE YEAR'S SUCCESSFUL EXPERIENCE ON PROJECTS OF SIMILAR TYPE AND SIZE, USING SPECIFIED PRODUCTS.
 4. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES OF EXPOSED JOINT SEALERS IN REQUIRED COLORS.
 5. WARRANTY: REPAIR OR REPLACE JOINT SEALERS WHICH FAIL TO PERFORM AS INTENDED, BECAUSE OF LEAKING, CRUMBLING, HARDENING, SHRINKAGE, BLEEDING, SAGGING, STAINING AND LOSS OF ADHESION; WARRANTY PERIOD TWO YEARS.
- B. MATERIALS:
1. EXTERIOR NON-TRAFFIC JOINTS: GE/SILPRUF, DOW/790-795, OR PECORA/854, LOW MODULUS SILICONE SEALANT.
 2. TRAFFIC BEARING JOINTS: MAMECO/VULKEM 245, OR PECORA/NR-200 UREXPAN, MULTI-COMPONENT POLYURETHANE, SELF-LEVELING JOINT SEALER.
 3. MILDEW-RESISTANT SANITARY SEALANTS: GE/SANITARY SEALANT, DOW/BATHTUB CAULK, OR PECORA/863 #345 WHITE; PROVIDE AT INTERIOR AREAS WHERE SEALANT WILL BE EXPOSED TO WATER.
 4. FIRE-STOPPING SEALANTS: 3M FIRE PROTECTION PRODUCTS, 800-328-1687, INTERNET WWW.3M.COM/FIRESTOP
 - a. "3M FIRE BARRIER CP 25WB+ CAULK" OR APPROVED EQUAL
 5. GENERAL INTERIOR JOINT SEALER: PECORA/AC-20 OR SONNEBORN/SONOLAC, ACRYLIC OR LATEX EMULSION.
 6. MISCELLANEOUS MATERIALS: PRIMERS, SEALERS, JOINT CLEANERS, BOND BREAKER TAPE, AND SEALANT BACKER RODS AS RECOMMENDED BY SEALANT MANUFACTURER FOR APPLICATIONS INDICATED.
 - a. OVERSIZE BACKER ROD MINIMUM 30 % TO 50 % OF JOINT OPENING.
 7. COLORS: AS INDICATED OR AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS.
 8. JOINT BACKING: NON-ABSORPTIVE, NON-STAINING COMPRESSIBLE, NON-GASSING, POLYETHYLENE FOAM BACKER ROD COMPATIBLE WITH JOINT SEALANTS.
- C. EXECUTION:
1. PREPARATION: CLEAN AND PREPARE JOINTS PRIOR TO INSTALLING SEALERS.
 - a. WIPE SHIPPING OILS FROM SURFACES TO BE SEALED. REMOVE PROTECTIVE FILMS AND/OR INSTALL JOINT BACKER ROD IF JOINT IS LARGER THAN 1/4 INCH WIDTH.
 2. INSTALLATION: COMPLY WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS AND ASTM C 1193.
 - a. APPLY SEALANTS IN A UNIFORM, CONTINUOUS BEAD WITHOUT GAPS OR AIR POCKETS. HAND TOOLD AND FINISH ALL JOINTS SO THAT A SMOOTH, LIP-FREE UNIFORM LINE IS CREATED ALONG THE SUBSTRATE BEING SHOT. REMOVE ANY EXCESS MATERIALS FROM TOOLED EDGES AND ENDS OF JOINT.
 - b. INSTALL JOINT SEALANTS TO A DEPTH NO MORE THAN 1/2 THE WIDTH OF THE JOINT.
 - c. INSTALL SEALANTS BY PROVEN TECHNIQUES THAT RESULT IN SEALANTS DIRECTLY CONTACTING AND FULLY WETTING JOINT SUBSTRATES, COMPLETELY FILLING RECESSES PROVIDED FOR EACH JOINT CONFIGURATION, AND PROVIDING UNIFORM, CROSS-SECTIONAL SHAPES AND DEPTHS RELATIVE TO JOINT WIDTHS WHICH ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY.
 - d. IMMEDIATELY AFTER SEALANT APPLICATION AND PRIOR TO TIME SKINNING OR CURING BEGINS, TOOL SEALANTS TO FORM SMOOTH, UNIFORM BEADS OF CONFIGURATION INDICATED TO ELIMINATE AIR POCKETS, AND TO ENSURE CONTACT AND ADHESION OF SEALANT WITH SIDES OF JOINT. REMOVE EXCESS SEALANTS FROM SURFACES ADJACENT TO JOINT. DO NOT USE TOOLING AGENTS WHICH DISCOLOR SEALANTS OR ADJACENT SURFACES OR ARE NOT APPROVED BY SEALANT MANUFACTURER.
 - e. CLEAN OFF EXCESS SEALANTS OR SEALANT SMEARS ADJACENT TO JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS APPROVED BY MANUFACTURERS OF JOINT SEALERS AND OF PRODUCTS IN WHICH JOINTS OCCUR.
 3. APPLICATIONS:
 - a. FIRE RATED WALLS: PROVIDE A CONTINUOUS BEAD AT WALL /CEILING PENETRATIONS IN RATED WALLS.
 - b. EXTERIOR JOINTS:
 - i. PROVIDE A CONTINUOUS BEAD OF SEALANT AND BACKER ROD AT THE FOLLOWING LOCATIONS (COLORS TO BE MATCHED TO ADJACENT SURFACES):
 - STUCCO/EIPS JOINTS TO ABUTTING SURFACES.
 - BRICK/STONE CONTROL JOINTS.
 - SIDEWALK/CONCRETE EXPANSION JOINTS.
 - ii. PROVIDE A CONTINUOUS BEAD OF SEALANT AT THE FOLLOWING LOCATIONS:
 - ALUMINUM FRAME PERIMETERS.
 - HOLLOW METAL DOOR FRAMES.

DIVISION 08: DOORS AND WINDOWS

SECTION 08 7100 - DOOR HARDWARE

- A. GENERAL: PROVIDE DOOR HARDWARE AS SHOWN AND SPECIFIED.
1. STANDARDS: MATERIALS AND INSTALLATION SHALL CONFORM TO THE FOLLOWING:
 - a. ANSI A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.
 - b. ANSI/BHMA A156 SERIES BUILDERS HARDWARE
 2. QUALITY ASSURANCE:
 - a. CODES AND STANDARDS: PROVIDE HARDWARE COMPLYING WITH LOCAL BUILDING CODE REQUIREMENTS AND THE TENANT'S STANDARDS FOR KEYING AND SECURITY SYSTEMS.
 - b. PROJECT SCHEDULING: PERFORMED BY AN ARCHITECTURAL HARDWARE CONSULTANT (AHC).
 - c. PACKAGE EACH ITEM OF HARDWARE AND EACH LOCKSET, COMPLETE WITH ALL SCREWS, ANCHORS, INSTALLATION INSTRUCTIONS AND TEMPLATES. IDENTIFY PACKAGE INDEXING WITH CORRESPONDING ITEM NUMBER OF THE HARDWARE SCHEDULE.
 - d. AFTER HARDWARE SCHEDULE ACCEPTANCE, PROVIDE NECESSARY TEMPLATES OR PHYSICAL HARDWARE TO REQUIRED TRADES FOR CUTTING, REINFORCING, OR PREPARING THEIR PRODUCTS TO RECEIVE HARDWARE. FURNISH TEMPLATES TO METAL DOOR MANUFACTURER'S.
- B. MATERIALS:
1. NO SUBSTITUTIONS ALLOWED. REQUIREMENTS FOR MANUFACTURER, DESIGN, GRADE, FUNCTION, FINISH, SIZE AND OTHER DISTINCTIVE QUALITIES OF EACH TYPE OF DOOR HARDWARE ARE INDICATED ON THE DRAWINGS.
 2. REVIEW THE KEYING SYSTEM WITH THE TENANT AND PROVIDE THE TYPE REQUIRED.
- C. INSTALLATION
1. INSTALL EACH HARDWARE ITEM IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. SECURELY FASTEN ALL ATTACHED PARTS. FIT FACES OF MORTISED PARTS SNUG AND FLUSH. VERIFY OPERATING PARTS MOVE FREELY AND SMOOTHLY WITHOUT BINDING OR STICKING, WITHOUT EXCESSIVE CLEARANCE.
 2. SET UNITS LEVEL, PLUMB AND TRUE TO LINE AND LOCATION. ADJUST AND REINFORCE ATTACHMENT SUBSTRATE AS REQUIRED FOR PROPER INSTALLATION AND OPERATION. DRILL AND COUNTERSINK UNITS THAT ARE NOT FACTORY PREPARED FOR ANCHORAGE FASTENERS. SPACE FASTENERS AND ANCHORS IN ACCORDANCE WITH INDUSTRY STANDARDS.
 3. MOUNT HARDWARE UNITS AT HEIGHTS INDICATED IN DHI "RECOMMENDED LOCATIONS FOR BUILDERS HARDWARE", UNLESS OTHERWISE REQUIRED TO COMPLY WITH REQUIREMENTS OF GOVERNING CODES AND REGULATIONS. CONFORM TO ANSI A117.1 AND ADAAG GUIDELINES FOR ACCESSIBILITY.
 - a. TOP BUTTS: 5 INCHES; TOP OF BUTT FROM HEAD OF FRAME.
 - b. MIDDLE BUTTS: 3'-2"; CENTERLINE FROM FINISH FLOOR.
 - c. BOTTOM BUTTS: 5 INCHES; FINISH FLOOR TO BOTTOM OF BUTT.
 - d. LOCKS: CENTERLINE FROM FINISH FLOOR PER HARDWARE SCHEDULE.
 - e. KNOBS: 3'-2"; CENTERLINE FROM FINISH FLOOR.
 - f. PULLS: CENTERLINE FROM FINISH FLOOR PER HARDWARE SCHEDULE.
 - g. PUSHES: CENTERLINE FROM FINISH FLOOR PER HARDWARE SCHEDULE.

SECTION 09 2600 - GYPSUM BOARD SYSTEMS

- A. GENERAL: PROVIDE GYPSUM BOARD SYSTEMS AS SHOWN AND SPECIFIED.
1. STANDARDS: MATERIALS AND INSTALLATION SHALL CONFORM TO THE FOLLOWING:
 - A. GA 214-90 "LEVELS OF GYPSUM BOARD FINISH."
 - B. GA-216 "SPECIFICATIONS FOR APPLICATION AND FINISHING OF GYPSUM BOARD."
 - C. USG "SA923 DRYWALL/STEEL FRAMED SYSTEMS."

- A. MATERIALS:
1. MANUFACTURER: UNITED STATES GYPSUM CO. (USG), (800) 874-4968, INTERNET WWW.USG.COM.
 2. METAL FRAMING: COMPLY WITH ASTM C 754 AND ASTM C 645 FOR MATERIALS AND SIZES.
 - a. PARTITION METAL FRAMING:
 - i. STUDS: GALVANIZED STEEL, C-SHAPED, SIZES INDICATED, 20 GAGE "ST20"
 - ii. RUNNERS: MATCH STUDS, TYPE RECOMMENDED BY STUD MANUFACTURER FOR FLOOR AND CEILING SUPPORT OF STUDS. PROVIDE FLEXIBLE CEILING RUNNERS FOR FULL HEIGHT METAL STUD FRAMED PARTITIONS CONTINUOUS FROM FLOOR TO UNDERSIDE OF STRUCTURAL MEMBERS OR DECK ABOVE.
 3. CEILING AND SOFFIT METAL FRAMING/SUSPENSION SYSTEMS:
 - a. SMALL AREAS: METAL STUD FRAMING OF APPROPRIATE SIZE AND GAGE FOR SPANS INDICATED.
 - b. LARGE AREAS: FURRING CHANNEL "GRILLAGE" OR "DIRECT SUSPENSION SYSTEM" DESIGNED FOR CONCEALED SUPPORT OF GYPSUM BOARD CEILINGS, OF PROPER TYPE FOR USE INDICATED.
 4. GYPSUM BOARD PANELS: USG "SHEETROCK" COMPLYING WITH ASTM C1396, TAPERED EDGE FACE PANELS, 48" WIDE, IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END JOINT CONDITIONS, 5/8" THICK.
 - a. GENERAL USE PANELS: SHEETROCK REGULAR PANELS.
 - b. FIRE RATED PANELS: SHEETROCK FIRECODE CORE PANELS.
 - c. WATER-RESISTANT: PANELS: SHEETROCK HUMITEK PANELS.
 5. CEMENT BOARD: USG DUROCK CEMENT BOARD, 5/8" THICK X MANUFACTURER'S STANDARD WIDTH, COMPLYING WITH ANSI A118.9, AND IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END-TO-END BUTT JOINTS.
 6. FASTENERS: USG TYPE "S" BUGLE HEAD SCREWS FOR METAL FRAMING, USG TYPE "W" BUGLE HEAD SCREWS FOR WOOD FRAMING, MANUFACTURER'S RECOMMENDED LENGTH FOR PANEL THICKNESS INDICATED.
 7. TRIM: GALVANIZED STEEL WITH KNURLED AND PERFORATED FLANGES. USG DUR-A-BEAD CORNER BEAD, NO. 200B CASING BEAD METAL TRIM, NO. 093 CONTROL JOINT.
 8. JOINT TREATMENT: USG JOINT TREATMENT SYSTEM, UTILIZING "SHEETROCK BRAND JOINT TAPE", AND "SHEETROCK BRAND SETTING-TYPE (DURABOND)" COMPOUND FOR TAPE BEDDING AND TOPPING.
 9. ADHESIVES: USG "SHEETROCK BRAND SETTING-TYPE (DURABOND) 210 OR 90" COMPOUND FOR TAPE BEDDING AND TOPPING.
 10. ACOUSTICAL SEALANT: USG SHEETROCK ACOUSTICAL SEALANT, WATER-BASE TYPE, GUNNABLE SEALANT FOR SEALING SOUND-RATED GYPSUM BOARD SYSTEMS.

- C. INSTALLATION
1. INSTALL METAL WALL AND PARTITION FRAMING AND CEILING SUSPENSION/ SUPPORT SYSTEMS IN ACCORDANCE WITH USG BULLETIN SA 923 AND COMPLYING WITH ASTM C754.
 - a. CEILING SUSPENSION/ SUPPORT SYSTEMS: METAL FURRING SYSTEM/DIRECT SUSPENSION OR STEEL STUD FRAMING SYSTEM.
 - b. WALL AND PARTITION FRAMING:
 - i. INSTALL STEEL STUDS PER SCHEDULE OR AT SPACING INDICATED WITH BOTTOM AND TOP RUNNER TRACKS ANCHORED TO SUBSTRATES. PROVIDE FLEXIBLE CEILING RUNNER TRACKS AT FULL HEIGHT PARTITIONS.
 - ii. TERMINATE PARTITION STUD SYSTEM 4" ABOVE CEILINGS, EXCEPT WHERE INDICATED TO BE EXTENDED TO STRUCTURAL SUPPORT OR ROOF DECK ABOVE. BRACE TOPS OF PARTITION FRAMING TO STRUCTURE OR ROOF DECK AT MAXIMUM 4'-0" ON CENTER SPACING.
 - iii. FRAME OPENINGS MORE THAN 2'-0" WIDE WITH TWO 20 GAGE STUDS AT EACH JAMB.
 - iv. COORDINATE THE INSTALLATION OF SUPPLEMENTARY BLOCKING AND NAILERS, PROVIDED UNDER SECTION 06100 WORK, TO SUPPORT SHELVING, MILLWORK, TOILET ACCESSORIES, AND SIMILAR WORK THAT CANNOT BE ADEQUATELY SUPPORTED BY GYPSUM BOARD ALONE.
 2. APPLICATION AND FINISHING: INSTALL AND FINISH GYPSUM BOARD TO COMPLY WITH ASTM C 840 AND GYPSUM ASSOCIATION GA 216 "RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD."
 - a. SCREW FASTEN ALL GYPSUM BOARD PANELS.
 - b. METAL TRIM: INSTALL METAL CORNER BEADS AT EXTERNAL CORNERS OF GYPSUM BOARD WORK AND METAL TRIM WHEREVER EDGE OF GYPSUM BOARD WOULD BE EXPOSED. USE LONGEST PRACTICAL LENGTHS.
 - c. CONTROL JOINTS: LOCATE AND INSTALL CONTROL JOINTS IN ACCORDANCE WITH USG BULLETIN SA923 "GOOD DESIGN PRACTICE" RECOMMENDATIONS.
 3. ACOUSTICAL TREATMENT:
 - a. WHERE SOUND-ATTENUATION INSULATION IS INDICATED, SEAL GYPSUM BOARD CONSTRUCTION AT PERIMETERS, CONTROL JOINTS, JUNCTION BOXES, OPENINGS AND PENETRATIONS WITH A CONTINUOUS BEAD OF ACOUSTICAL SEALANT INCLUDING A BEAD AT BOTH FACES OF PARTITIONS.
 - b. INSTALL SOUND ATTENUATION INSULATION AT SCHEDULED PARTITIONS AND CEILINGS. INSTALL INSULATION IN SINGLE LAYER OF REQUIRED THICKNESS. EXTEND FULL THICKNESS OVER ENTIRE AREA TO BE INSULATED. CUT AND FIT TIGHT AROUND OBSTRUCTIONS. FILL ALL VOIDS.
 - c. AT OPENINGS AND CUTOUTS, FILL OPEN SPACES BETWEEN EDGES OF GYPSUM BOARD AND FIXTURES, CABINETS, DUCTS, AND OTHER FLUSH OR PENETRATING ITEMS, WITH CONTINUOUS BEAD OF ACOUSTICAL SEALANT.
 - d. SEAL SIDES AND BACKS OF ELECTRICAL BOXES TO COMPLETELY CLOSE UP OPENINGS AND JOINTS WITH A BEAD OF ACOUSTICAL TREATMENT.
 4. FINISHING:
 - a. COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR MIXING, HANDLING, AND APPLICATION OF MATERIALS. APPLY TREATMENT AT JOINTS BOTH DIRECTIONS, AT FLANGES OF TRIM ACCESSORIES, PENETRATIONS OF GYPSUM BOARD (ELECTRICAL BOXES, PIPING, AND SIMILAR WORK), FASTENER HEADS, SURFACE DEFECTS, AND ELSEWHERE AS INDICATED. APPLY IN MANNER THAT WILL RESULT IN EACH OF THESE ITEMS BEING CONCEALED WHEN APPLIED DECORATION HAS BEEN COMPLETED.
 - b. APPLY JOINT TAPE AT JOINTS BETWEEN GYPSUM BOARDS, EXCEPT WHERE TRIM ACCESSORIES ARE INDICATED.
 - c. INTERIOR EXPOSED GYPSUM BOARD FINISH: LEVEL 5 FINISH.
 - i. LOCATIONS: TYPICAL FOR ALL WALLS AND CEILINGS, UNLESS OTHERWISE INDICATED
 - ii. FINISH INTERIOR GYPSUM BOARD BY APPLYING THE FOLLOWING JOINT COMPOUNDS IN FOUR COATS (NOT INCLUDING PREFILL OF OPENINGS IN BASE), AND SAND BETWEEN COATS AND AFTER LAST COAT:
 - iii. EMBEDDING AND FIRST COAT: SETTING-TYPE JOINT OR TAPING COMPOUND.
 - iv. FILL (SECOND) COAT: SETTING-TYPE TOPPING COMPOUND.
 - v. FILL (THIRD) COAT: SETTING-TYPE TOPPING COMPOUND.
 - vi. FINISH (FOURTH) COAT: SKIM COAT ENTIRE SURFACE.
 - d. INTERIOR CONCEALED GYPSUM BOARD: LEVEL 3 PARTIAL FINISHING:
 - i. FINISH CONCEALED GYPSUM BOARD CONSTRUCTION THAT REQUIRES FINISHING SAME AS EXPOSED GYPSUM BOARD CONSTRUCTION, EXCEPT THE THIRD COAT AND SANDING CAN BE OMITTED.

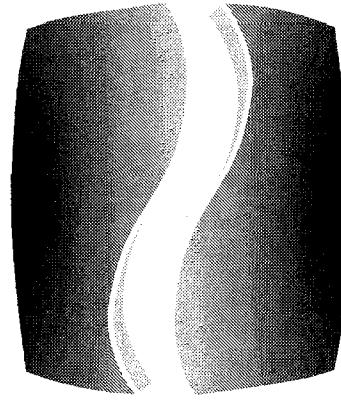
SECTION 09 2816 - GLASS-MAT FACED GYPSUM BACKING BOARDS

- A. GENERAL: PROVIDE FIBERGLASS-MAT FACED, MOISTURE-RESISTANT GYPSUM BACKER BOARD AS SHOWN AND SPECIFIED.
1. STANDARDS: MATERIALS AND INSTALLATION SHALL CONFORM TO THE FOLLOWING:
 - a. ASTM INTERNATIONAL (ASTM):
 - i. ASTM C473 STANDARD TEST METHODS FOR PHYSICAL TESTING OF GYPSUM PANEL PRODUCTS.
 - ii. ASTM C518 STANDARD TEST METHOD FOR STEADY-STATE THERMAL TRANSMISSION PROPERTIES BY MEANS OF THE HEAT FLOW METER APPARATUS.
 - iii. ASTM C1002 STANDARD SPECIFICATION FOR STEEL SELF-PIERCING TAPPING SCREWS FOR THE APPLICATION OF GYPSUM PANEL PRODUCTS OR METAL PLASTER BASES TO WOOD STUDS OR STEEL STUDS.
 - iv. ASTM C1177 STANDARD SPECIFICATION FOR GLASS MAT GYPSUM SUBSTRATE FOR USE AS SHEATHING.
 - v. ASTM C1280 STANDARD SPECIFICATION FOR APPLICATION OF GYPSUM SHEATHING.
 - vi. ASTM D3273 STANDARD TEST METHOD FOR RESISTANCE TO GROWTH OF MOLD ON THE SURFACE OF INTERIOR COATINGS IN AN ENVIRONMENTAL CHAMBER.
 - vii. ASTM D6329 STANDARD GUIDE FOR DEVELOPING METHODOLOGY FOR EVALUATING THE ABILITY OF INDOOR MATERIALS TO SUPPORT MICROBIAL GROWTH USING STATIC ENVIRONMENTAL CHAMBERS.
 - viii. ASTM E72 STANDARD TEST METHODS OF CONDUCTING STRENGTH TESTS OF PANELS FOR BUILDING CONSTRUCTION.
 - ix. ASTM E96 STANDARD TEST METHODS FOR WATER VAPOR TRANSMISSION OF MATERIALS.
 - x. ASTM C1396 STANDARD SPECIFICATION FOR GYPSUM BOARD
 - xi. ASTM E 136 STANDARD TEST METHOD FOR BEHAVIOR OF MATERIALS IN A VERTICAL TUBE FURNACE AT 750°C
 - xii. ASTM E 84 STANDARD TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS
 - b. GYPSUM ASSOCIATION (GA):
 - i. GA-253 APPLICATION OF GYPSUM SHEATHING.
 - c. WARRANTY:
 - i. PROVIDE PRODUCTS THAT OFFER TWELVE MONTHS OF COVERAGE AGAINST IN-PLACE EXPOSURE DAMAGE (DELAMINATION, DETERIORATION AND DECAI) COMMENCING WITH THE DATE OF INSTALLATION OF THE PRODUCT IN SUCH STRUCTURE.
 - ii. FIVE YEARS AGAINST MANUFACTURING DEFECTS FROM THE DATE OF PURCHASE OF THE PRODUCT FOR INSTALLATION
 - iii. 12 YEARS AGAINST MANUFACTURING DEFECTS WHEN USED AS A SUBSTRATE IN ARCHITECTURALLY SPECIFIED EIFS.

- B. MATERIALS:
1. MANUFACTURER: GEORGIA-PACIFIC GYPSUM LLC, (800) 225-6119, WWW.BUILDGP.COM
 2. FIBERGLASS-MAT FACED GYPSUM BACKING BOARD: DENSGLASS FIREGUARD SHEATHING COMPLYING WITH ASTM C1177, TYPE X, SQUARE EDGES, 4 FT WIDE IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END JOINT CONDITIONS, 5/8" THICK. SURFACING: COATED FIBERGLASS MAT ON FACE, BACK, AND LONG EDGES.
 - a. GENERAL USE PANELS: 5/8" DENSGLASS FIREGUARD SHEATHING, GEORGIA-PACIFIC GYPSUM
 3. FASTENERS: ASTM C1002, CORROSION RESISTANT TREATED.
- C. EXAMINATION:
1. INSPECTION: VERIFY THAT PROJECT CONDITIONS AND SUBSTRATES ARE ACCEPTABLE, TO THE INSTALLER, TO BEGIN INSTALLATION OF WORK OF THIS SECTION.
- D. INSTALLATION:
1. INSTALL DENSSHIELD AT ALL TILE WALLS AS INDICATED ON DRAWINGS.
 2. GENERAL: INSTALL IN ACCORDANCE WITH GA-253, ASTM C1280 AND THE MANUFACTURER'S RECOMMENDATIONS.
 - a. MANUFACTURER'S RECOMMENDATIONS: REFER TO CURRENT "PRODUCT CATALOG", GEORGIA PACIFIC GYPSUM
- E. PROTECTION:
1. PROTECT GYPSUM BOARD INSTALLATIONS FROM DAMAGE AND DETERIORATION UNTIL LDATE OF SUBSTANTIAL COMPLETION.

SECTION 09 3000 - PORCELAIN TILE

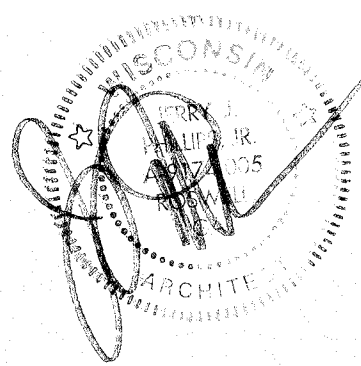
- A. GENERAL: PROVIDE PORCELAIN TILE FLOORING AS SHOWN AND SPECIFIED.
1. STANDARDS: MATERIALS AND INSTALLATION SHALL CONFORM TO THE FOLLOWING:
 - a. ANSI A137.1 "CERAMIC TILE"
 - b. TCA "HANDBOOK FOR CERAMIC TILE INSTALLATION."
 2. PERFORMANCE REQUIREMENTS:
 - a. STATIC COEFFICIENT OF FRICTION: TILE ON WALKWAY SURFACES SHALL BE PROVIDED WITH THE FOLLOWING VALUES AS DETERMINED BY TESTING IN CONFORMANCE WITH ASTM C1028.
 - b. LEVEL SURFACES AND STEP TREADS: MINIMUM OF 0.6 (WET)
 - b. RAMP SURFACES: MINIMUM OF 0.8 (WET)
 3. QUALITY ASSURANCE:
 1. INSTALLER QUALIFICATIONS: COMPANY SPECIALIZING IN PERFORMING THE WORK IN THIS SECTION WITH MINIMUM TWO (2) YEAR'S EXPERIENCE.
 2. SINGLE SOURCE RESPONSIBILITY: OBTAIN EACH TYPE AND COLOR OF TILE FROM A SINGLE SOURCE. OBTAIN EACH TYPE AND COLOR OF MORTAR, ADHESIVE, AND GROUT FROM THE SAME SOURCE.
 4. DELIVERY, STORAGE, AND HANDLING:
 1. DELIVER AND STORE PRODUCTS IN MANUFACTURER'S UNOPENED PACKAGING UNTIL READY FOR INSTALLATION.
 2. PROTECT ADHESIVES AND LIQUID ADDITIVES FROM FREEZING OR OVERHEATING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 3. STORE TILE AND SETTING MATERIALS ON ELEVATED PLATFORMS, UNDER COVER, AND IN A DRY LOCATION AND PROTECT FROM CONTAMINATION, DAMPNESS, FREEZING, OR OVERHEATING.
- SECTION 09 3000 - PORCELAIN TILE (CONTINUED)
- E. ENVIRONMENTAL REQUIREMENTS:
1. DO NOT INSTALL ADHESIVES IN AN UNVENTILATED ENVIRONMENT.
 2. MAINTAIN AMBIENT AND SUBSTRATE TEMPERATURE OF 50 DEGREES F (10 DEGREES C) DURING TILING AND FOR A MINIMUM OF SEVEN (7) DAYS AFTER COMPLETION.
- F. EXTRA MATERIALS:
1. PROVIDE FOR OWNER'S USE A MINIMUM OF TWO (2) PERCENT OF THE PRIMARY SIZES AND COLORS OF TILE SPECIFIED, BOXED, AND CLEARLY LABELED.
- G. MATERIALS:
1. MANUFACTURERS:
 - a. PORCELAIN TILE:
 - i. DALTILE, (877) 556-5728, WWW.DALTILE.COM
 - ii. SANTA ROSA MARBLE, (305) 591-3744, WWW.SANTAROSAMARBLE.COM
 - iii. OTHER AS SELECTED BY OWNER.
 - b. WATERPROOFING:
 - i. SETTING AND GROUTING MATERIALS AND TILE BASE MEMBRANE: MAPEI, (800) 992-6273, WWW.MAPEI.COM
 2. TILE:
 - a. GENERAL: PROVIDE TILE THAT COMPLIES WITH ANSI A137.1 FOR TYPES, COMPOSITIONS, AND OTHER CHARACTERISTICS INDICATED. PROVIDE TILE IN THE LOCATIONS AND OF THE TYPES, COLORS, AND PATTERN INDICATED ON THE DRAWINGS. TILE SHALL ALSO BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING:
 - i. FACTORY BLENDING: FOR TILE EXHIBITING COLOR VARIATIONS WITHIN THE ACCEPTABLE RANGES, BLEND TILE IN FACTORY AND PACKAGE TILE SO TILE TAKEN FROM ONE PACKAGE SHOWS THE SAME RANGE OF COLORS AS THOSE TAKEN FROM OTHER PACKAGES.
 - ii. FACTORY APPLIED TEMPORARY PROTECTIVE COATINGS: WHERE INDICATED UNDER TILE TYPE, PROTECT EXPOSED SURFACES OF TILE AGAINST ADHERENCE OF MORTAR AND GROUT BY PRE-COATING WITH A CONTINUOUS FILL OF PETROLEUM PARAFFIN WAX APPLIED HOT. DO NOT COAT UNEXPOSED TILE SURFACES.
 - b. EXTERIOR PORCELAIN TILE:
 - i. EXHIBITION DARK GREY EX04 TEXTURED COLORBODY PORCELAIN, SIZE: 12"x24"
 - ii. OTHER AS SELECTED BY OWNER.
 3. SETTING ADHESIVE: MAPEI, ULTRAFLEX 3, COLOR: GRAY
 4. GROUT: MAPEI, KERAPOXY IEG CQ, COLOR: COORDINATE WITH OWNER
- H. INSTALLATION
1. EXAMINATION:
 - a. VERIFY THAT WALL AND SUB-FLOOR SURFACES ARE FREE OF DUST, FREE OF SUBSTANCES WHICH WOULD IMPAIR BONDING OF SETTING MATERIALS TO SUB-FLOOR SURFACES, AND ARE SMOOTH AND FLAT WITH TOLERANCES SPECIFIED IN ANSI A137.1.
 - b. VERIFY THAT CONCRETE SUB-FLOOR SURFACES ARE READY FOR TILE INSTALLATION BY TESTING FOR MOISTURE EMISSION RATE AND ALKALINITY; OBTAIN INSTRUCTIONS IF TEST RESULTS ARE NOT WITHIN LIMITS RECOMMENDED BY TILE MANUFACTURER AND SETTING MATERIALS MANUFACTURER.
 - c. VERIFY THAT REQUIRED FLOOR-MOUNTED UTILITIES ARE IN CORRECT LOCATION.
 2. PREPARATION:
 - a. PROTECT SURROUNDING WORK FROM DAMAGE.
 - b. REMOVE ANY CURING COMPOUNDS OR OTHER CONTAMINATES.
 - c. VACUUM CLEAN SURFACES AND DAMP CLEAN.
 - d. SEAL SUBSTRATE SURFACE CRACKS WITH FILLERS. LEVEL EXISTING SUBSTRATE SURFACES TO ACCEPTABLE FLATNESS TOLERANCES.
 - e. INSTALL CEMENTITIOUS BACKER BOARD (IF APPLICABLE) IN ACCORDANCE WITH ANSI A108.11 AND BOARD MANUFACTURER'S INSTRUCTIONS. TAPE JOINTS AND CORNERS, COVER WITH SKIM COAT OF DRY SET MORTAR TO A FEATHER EDGE.
 - f. PREPARE SUBSTRATE SURFACES FOR ADHESIVE INSTALLATION IN ACCORDANCE WITH ADHESIVE MANUFACTURER'S INSTRUCTIONS.
 3. INSTALLATION:
 - a. INSTALL TILE AND GROUT IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF ANSI A108.1 THROUGH A108.13, MANUFACTURER'S INSTRUCTIONS, AND TCA HANDBOOK RECOMMENDATIONS.
 - b. LAY TILE PATTERN INDICATED. ARRANGE PATTERN SO THAT A FULL TILE OR JOINT IS CENTERED ON EACH WALL. DO NOT INTERRUPT TILE PATTERN THROUGH OPENINGS. ADJUST LAYOUT TO MINIMIZE TILE CUTTING. LOCATE CUTS TO BE LEAST CONSPICUOUS.
 - c. CUT AND FIT TILE TO PENETRATIONS THROUGH TILE, LEAVING SELANT JOINT SPACE. FORM CORNERS AND BASES NEATLY. ALIGN FLOOR JOINTS (IF APPLICABLE).
 - d. PLACE TILE JOINTS UNIFORM IN WIDTH, SUBJECT TO VARIANCE IN TOLERANCE ALLOWED IN TILE SIZE. MAKE JOINTS WATERTIGHT, WITHOUT VOIDS, CRACKS, EXCESS MORATER, OR EXCESS GROUT. MAINTAIN UNITS UNIFORMLY "IN PLANE". PROVIDE STRAIGHT, UNIFORM JOINT WIDTHS AND GROUT LINES.
 - e. FORM ANGLES SQUARE.
 - f. INSTALL ACCESSORIES RIGIDLY IN PREPARED OPENINGS.
 - g. SOUND TILE AFTER SETTING. REPLACE HOLLOW SOUNDING UNITS.
 - h. KEEP EXPANSION JOINTS FREE OF ADHESIVE OR GROUT. APPLY SEALANT TO JOINTS.
 - i. ALLOW TILE TO SET FOR A MINIMUM OF 48 HOURS PRIOR TO GROUTING.
 - j. GROUT TILE JOINTS. USE STANDARD GROUT UNLESS OTHERWISE INDICATED.
 - k. APPLY SEALANT TO JUNCTION OF TILE AND DISSIMILAR MATERIALS AND JUNCTION OF DISSIMILAR PLANES.
 4. CLEANING:
 - a. CLEAN TILE AND GROUT SURFACES.



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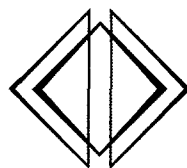
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PROJECT

DIAMONDS DIRECT
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Wauwatosa, WI 53226

CLIENT



DIAMONDS DIRECT

PHILLIPS JOB NUMBER

2336402

ISSUE DATE

06/30/2023

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DT/GC

DRAWING TITLE

ARCHITECTURAL
SPECIFICATIONS

SHEET NUMBER

G-9.2

500 PEACHTREE DUNWOODY RD
BUILDING A SUITE 450
ATLANTA, GEORGIA 30328

ISSUED FOR CONSTRUCTION

A. GENERAL: PROVIDE ACOUSTICAL CEILING SYSTEMS AS SHOWN AND SPECIFIED.

1. STANDARDS: MATERIALS AND INSTALLATION SHALL CONFORM TO THE FOLLOWING:

- a. CISCA "ACOUSTICAL CEILINGS - USE AND PRACTICE."
- b. ASTM C635.
- c. ASTM C636.

2. RELATED SECTIONS:

- a. 09515 CEMENTITIOUS WOOD FIBER ACOUSTICAL PANELS: SUSPENSION SYSTEM

1. MANUFACTURER: ARMSTRONG CEILING AND WALL SOLUTIONS, (877) 276-7876, WWW.ARMSTRONGCEILINGS.COM/COMMERCIAL
2. CEILING PANELS:
 - a. DUNE #1772, 24"x24", COLOR: WHITE, TEXTURE: FINE
 - b. CLEAN ROOM VL #68, SIZE: 24"x24", COLOR: WHITE, TEXTURE: SMOOTH, UNPERFORATED
3. SUSPENSION SYSTEM: PROVIDE INTERMEDIATE DUTY, STRUCTURAL CLASS, DIRECT HUNG SYSTEMS ADEQUATE TO SUPPORT LIGHT FIXTURES, CEILING DIFFUSERS AND OTHER NORMAL ACCESSORIES.
 - a. SUPRAFINE 9/16" EXPOSED TEE GRID, COLOR: WHITE
 - b. PRELUDE 15/16" EXPOSED TEE GRID, COLOR: WHITE
 - c. HANGER WIRE: NO. 12 SWG GALVANIZED STEEL WIRE.
- C. INSTALLATION
 1. INSTALL ACoustICAL CEILING MATERIALS AND SUSPENSION SYSTEMS IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, COMPLYING WITH GOVERNING REGULATIONS AND INDUSTRY STANDARDS APPLICABLE TO THE WORK.
 2. SUSPENSION SYSTEM INSTALLATION SHALL BE LASER LEVELED WITH A MAXIMUM SURFACE LEVELING TOLERANCE OF 1/8" IN 12'-0".
 3. INSTALL EXPOSED TEE SUSPENSION SYSTEMS WITH MAIN TEES NOMINALLY 12 FEET LONG SPACED 48 INCHES O.C. AND CROSS TEES NOMINALLY 4 FEET LONG SPACED 24 INCHES O.C.
 4. HANGER WIRE SHALL BE SPACED 48" O.C. ALONG MAIN TEES, AT ALL FOUR CORNERS OF LIGHT FIXTURES (WHERE APPLICABLE), AT MIDPOINT OF CROSS TEES ADJACENT TO LIGHT FIXTURES AND DUCT OUTLETS, AND ADJACENT TO MAIN TEE SPICES.
 5. SECURE WIRE HANGERS BY LOOPING AND WIRE-TYING EITHER DIRECTLY TO BUILDING STRUCTURE OR TO HANGERS THAT ARE SECURE AND APPROPRIATE FOR SUBSTRATE.
 6. PROVIDE EDGE TRIM MOLDING AT PERIMETER OF ACoustICAL CEILING INSTALLATION AND INTERMEDIATE VERTICAL SURFACES. USE MAXIMUM LENGTHS. MITER TRIM CORNERS TO PROVIDE TIGHT, ACCURATE JOINTS. CONNECT MOLDINGS SECURELY TO SUBSTRATE SURFACES.

A. GENERAL: PROVIDE RESILIENT RUBBER WALL BASE AS SHOWN AND SPECIFIED.

1. STANDARDS: MATERIALS AND INSTALLATION SHALL CONFORM TO THE FOLLOWING:

a. ASTM D 2240 RUBBER - 85 SHORE A

B. MATERIALS:

1. MANUFACTURER:

a. JOHNSONITE, INC., (800) 899-8916, INTERNET: WWW.JOHNSONITE.COM

2. RESILIENT RUBBER:

a. 125" (3.17 MM) THICKNESS

b. COLOR: COORDINATE WITH OWNER

c. PROFILE: COORDINATE WITH OWNER

d. INSIDE AND OUTSIDE CORNERS WITH 4" RETURNS.

3. SETTING ADHESIVE: JOHNSONITE 960 ACRYLIC COVE BASE ADHESIVE

C. INSTALLATION:

1. PREPARATION: CLEAN SUBSTRATE SURFACES SCHEDULED TO RECEIVE RESILIENT RUBBER AND VINYL WALL BASE THOROUGHLY AND REMOVE ALL COATINGS THAT MAY IMPAIR BOND. A UNIFORM TEMPERATURE OF AT LEAST 65 DEGREES FAHRENHEIT SHALL BE MAINTAINED FOR 24 HOURS BEFORE, DURING AND AFTER THE INSTALLATION IS COMPLETED. THE WALL BASE AND ADHESIVES SHALL BE CONDITIONED IN THE SAME MANHOLE. COILED WALL BASE SHALL BE UNCOILED AND LAY FLAT FOR AT LEAST 24 HOURS AT 65 DEGREES FAHRENHEIT PRIOR TO INSTALLATION. JOINTS AND WALL'S SHALL BE CLEAN, DRY, AND FREE OF DUST, ALL PAINTS, WALL PAPER, AND ALL OTHER FOREIGN MATERIAL, WHICH MAY AFFECT PROPER ADHESIVE BONDING. WALL BASE MAY BE INSTALLED ON INTERIOR PLASTER, GYPSUM WALL BOARD, CONCRETE, MASONRY, MINERAL-REINFORCED CEMENT BOARD OR SIMILAR POROUS SURFACES. WALL BASE SHALL NOT BE INSTALLED ON SURFACES THAT WILL BE EXPOSED TO DRASTIC TEMPERATURE CHANGES OR MOISTURE.

2. APPLICATION: USE A 1/8" SQUARE NOTCH TROWEL TO APPLY ADHESIVE. ALLOW ADHESIVE TO SET UP AND THEN APPLY WALL BASE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

GENERAL: PROVIDE PAINTING OF EXPOSED ITEMS AND SURFACES NOT PREFINISHED, AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. SURFACES NOT TO BE PAINTED: PREFINISHED ITEMS; CONCEALED AND INACCESSIBLE AREAS, CODE-REQUIRED LABELS.

C. STANDARDS: PROVIDE MATERIALS APPROVED FOR USE BY APPLICABLE AIR QUALITY MANAGEMENT DISTRICT FOR LIMITATIONS OF VOLATILE ORGANIC COMPOUNDS FOR ARCHITECTURAL COATINGS.

D. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES.

1. DUPLICATE PAINTED FINISHES OF APPROVED SAMPLES ON ACTUAL WALL SURFACES AND COMPONENTS FOR APPROVAL PRIOR TO COMMENCING WORK.

E. DELIVERY: DELIVER MATERIALS TO JOB SITE IN ORIGINAL, NEW AND UNOPENED PACKAGES AND CONTAINERS BEARING MANUFACTURER'S NAME AND LABEL.

F. MANUFACTURERS:

1. SHERWIN-WILLIAMS
2. BENJAMIN MOORE
3. PPG

G. MATERIAL QUALITY: PROVIDE TOP LINE QUALITY COMMERCIAL GRADE (PROFESSIONAL PAINTER) PAINTS; MATERIALS NOT BEARING MANUFACTURER'S IDENTIFICATION AS A BEST-GRADE PRODUCT SHALL NOT BE ACCEPTABLE.

1. PRIMERS: PROVIDE PREMIUM GRADE PRIMERS RECOMMENDED BY PAINT MANUFACTURER FOR SUBSTRATES INDICATED AND FOR FINISH SYSTEMS SPECIFIED.
2. UNDERCOATS AND BARRIER COATS: PROVIDE UNDERCOAT PAINTS PRODUCED BY SAME MANUFACTURER AS FINISH COATS. USE ONLY THINNERS APPROVED BY PAINT MANUFACTURER, AND USE ONLY WITHIN RECOMMENDED LIMITS.
3. FINISH COATS: PROVIDE FINISH COATS CAPABLE OF BEING WASHED WITH MILD DETERGENT WITHOUT LOSS OF COLOR, SHEEN, OR PIGMENTS.
4. FINISH COAT COORDINATION: PROVIDE FINISH COATS WHICH ARE COMPATIBLE WITH PRIME PAINTS, UNDERCOATS, AND BARRIER COATS USED.
5. VOLATILE ORGANIC COMPOUNDS: PROVIDE MATERIALS WITH MINIMAL VOLATILE ORGANIC COMPOUNDS (VOC); COMPLY WITH APPLICABLE REGULATIONS.

H. COLORS AND FINISHES: PURE, NON-FADING, APPLICABLE TYPES TO SUIT SERVICE INDICATED; NO LEAD CONTENT PERMITTED.

1. COLORS AS INDICATED ON THE DRAWINGS.

I. PREPARATION: PERFORM PREPARATION AND CLEANING PROCEDURES IN ACCORDANCE WITH PAINT MANUFACTURER'S INSTRUCTIONS AND AS SPECIFIED FOR SUBSTRATE CONDITION.

1. EXAMINE AREAS AND CONDITIONS UNDER WHICH PAINTING WORK IS TO BE APPLIED. START OF PAINTING WORK INDICATES ACCEPTANCE OF SURFACES AND CONDITIONS OF SURFACES AND CONDITIONS WITHIN ANY PARTICULAR AREA.
2. REMOVE HARDWARE, ACCESSORIES, AND ITEMS IN PLACE AND NOT TO BE PAINTED, OR PROVIDE PROTECTION PRIOR TO SURFACE PREPARATION AND PAINTING; AFTER PAINTING REINSTALL REMOVED ITEMS.

J. APPLICATION: APPLY PAINT IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS (MINIMUM OF 2 FINISH COATS OVER PRIMER); USE APPLICATORS AND TECHNIQUES BEST SUITED FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED.

1. APPLY ADDITIONAL COATS WHEN STAINS OR BLEMISHES SHOW THROUGH FINAL COAT, UNTIL PAINT IS A UNIFORM FINISH, COLOR AND APPEARANCE.
2. FINISH DOORS ON TOPS, BOTTOMS AND SIDE EDGES SAME AS FACES.
3. PROVIDE EXTRA ATTENTION TO ASSURE DRY FILM THICKNESS AT CORNERS AND CREVICES IS EQUIVALENT TO THAT OF FLAT SURFACES.

- 4. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES; PAINT SURFACES BEHIND PERMANENTLY-FIXED EQUIPMENT AND FURNITURE WITH PRIME COAT ONLY.
 - 5. PAINT INTERIOR SURFACES OF DUCTS, WHERE VISIBLE THROUGH REGISTERS OR GRILLES, WITH A FLAT, NON-SPECULAR BLACK PAINT.
 - 6. PAINT BACK SIDES OF ACCESS PANELS AND REMOVABLE OR HINGED COVERS TO MATCH EXPOSED SURFACES.
 - 7. SAND LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL AND EACH VARNISH COAT.
- K. SCHEDULING PAINTING: APPLY FIRST COAT TO SURFACES THAT HAVE BEEN CLEANED, PRETREATED OR PREPARED FOR PAINTING AS SOON AS PRACTICABLE AFTER PREPARATION.
- 1. ALLOW TIME BETWEEN SUCCESSIVE COATINGS TO PERMIT PROPER DRYING. DO NOT RECOAT UNTIL PAINT FEELS FIRM AND DOES NOT DEFORM OR FEEL STICKY UNDER MODERATE THUMB PRESSURE.
- L. MINIMUM COATING THICKNESS: APPLY MATERIALS AT NOT LESS THAN MANUFACTURER'S RECOMMENDED SPREADING RATE, TO ESTABLISH A TOTAL DRY FILM THICKNESS AS RECOMMENDED BY COATING MANUFACTURER.
- M. PRIME COATS: APPLY TO ITEMS NOT PREVIOUSLY PRIMED; RECOAT PRIMED AND SEALED SURFACES WHERE THERE IS EVIDENCE OF SUCTION SPOTS OR UNSEALED AREAS IN FIRST COAT.
- N. FINISH COATS: PROVIDE EVEN TEXTURE; LEAVE NO LAPS, IRREGULARITY IN TEXTURE, SKID MARKS, OR OTHER SURFACE IMPERFECTIONS.
- O. CLEAN-UP: DURING PROGRESS OF WORK, REMOVE DISCARDED PAINT MATERIALS, RUBBISH, CANS AND RAGS FROM SITE AT END OF EACH WORK DAY.
- 1. CLEAN GLASS AND PAINT-SPATTERED SURFACES IMMEDIATELY BY PROPER METHODS OF WASHING AND SCRAPING, USING CARE NOT TO SCRATCH OR DAMAGE FINISHED SURFACES.
- P. PROTECTION: PROTECT WORK OF OTHER TRADES, WHETHER TO BE PAINTED OR NOT; CORRECT DAMAGE BY CLEANING, REPAIRING OR REPLACING, AND REPAINTING, AS ACCEPTABLE TO ARCHITECT.
- 1. PROVIDE "WET PAINT" SIGNS TO PROTECT NEWLY-PAINTED FINISHES.
 - 2. REMOVE TEMPORARY PROTECTIVE WRAPPINGS PROVIDED BY OTHERS FOR PROTECTION OF THEIR WORK, AFTER COMPLETION OF PAINTING OPERATIONS.
- Q. REPAIR: AT COMPLETION OF WORK OF OTHER TRADES, TOUCH-UP AND RESTORE DAMAGED SURFACES OR DEFACED PAINTED SURFACES.

- A. GENERAL: PROVIDE FIRE EXTINGUISHERS AND CABINETS, ALONG WITH REQUIRED ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION AND SATISFY THE REQUIREMENTS OF THE GOVERNING AUTHORITIES.
- B. STANDARDS: NFPA 10 - STANDARD FOR PORTABLE FIRE EXTINGUISHERS, AND U.L. - FIRE PROTECTION EQUIPMENT DIRECTORY.
- C. SUBMITTALS: PRODUCT DATA.
- D. MANUFACTURERS: JI INDUSTRIES OR LARSEN'S MANUFACTURING.
- E. FIRE EXTINGUISHERS: COMPLY WITH PRODUCT REQUIREMENTS OF NFPA 10 AND APPLICABLE CODES. PROVIDE EXTINGUISHERS LABELED BY UNDERWRITERS LABORATORIES, INC. FOR THE PURPOSE SPECIFIED OR INDICATED.
 - 1. MULTI-PURPOSE DRY CHEMICAL TYPE FIRE EXTINGUISHERS - STAINLESS STEEL TANK WITH PRESSURE GAUGE, CLASS B,C (SIZE 10) FINISH: RED, BAKED ENAMEL.
 - 2. WET CHEMICAL TYPE FIRE EXTINGUISHER - STAINLESS STEEL TANK WITH PROTECTIVE NOZZLE TIP ORIFICE SEAL & NONMETALLIC NOZZLE TIP FINGER GUARD, O-RING SEAL, REPLACEABLE VALVE STERN SEAL, VISUAL PRESSURE GAGE, PULL PIN, AND UPRIGHT SQUEEZE GRIP, CLASS K FINISH: STAINLESS STEEL
- F. FIRE EXTINGUISHER CABINETS: SEMI-RECESSED TYPE SIZE TO ACCOMMODATE EXTINGUISHER AND ACCESSORIES.
 - 1. FORMED METAL CABINET WITH ROLLED DEGREE RETURNS TO WALL.
 - 2. DOOR WITH FULL 1/8" THICK CLEAR TEMP. GLAZING, HINGED FOR 180 DEGREE OPENING WITH CONTINUOUS PIANO TYPE HINGE.
 - 3. EXTERIOR AND INTERIOR OF CABINET TO BE BAKED WHITE ENAMEL FINISH.
- G. ACCESSORIES: EXTINGUISHER BRACKETS - FORMED STEEL, CHROME PLATED.
- H. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
 - 1. INSTALL CABINETS PLUMB AND LEVEL, SECURED RIGIDLY IN PLACE.
 - 2. VERIFY ALL LOCATIONS WITH LOCAL FIRE MARSHALL PRIOR TO INSTALLATION.
- I. SCHEDULE:
 - 1. FRONT OF HOUSE AREAS: SEMI-RECESSED CABINET WITH MULTI-PURPOSE DRY TYPE "ABC" EXTINGUISHER AS LOCATED ON THE DRAWINGS.
 - 2. BACK OF HOUSE AREAS: WALL MOUNTED EXTINGUISHER BRACKET WITH MULTI-PURPOSE DRY TYPE 'ABC' EXTINGUISHER AS LOCATED ON THE DRAWINGS.

A. GENERAL: PROVIDE TOILET ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.

C. SUBMITTALS: SUBMIT PRODUCT DATA.

D. MANUFACTURERS: BOBRICK, BRADLEY, OR AMERICAN SPECIALTIES.

E. TYPES: STAINLESS STEEL ACCESSORIES AS INDICATED ON DRAWINGS; PROVIDE GRAB BARS WITH CONCEALED MOUNTING, SIZES AND SHAPES AS INDICATED AND AS REQUIRED BY APPLICABLE CODES AND REGULATIONS.

F. MATERIALS: STAINLESS STEEL, ASTM A666 / ASTM A269, COMMERCIAL GRADE, TYPE 302/304, NUMBER 4 SATIN FINISH, SATIN CHROME ACCEPTABLE WHERE STAINLESS STEEL IS NOT AVAILABLE FOR ACCESSORY ITEM SCHEDULED; GAGES AS STANDARD WITH MANUFACTURER OF SPECIFIED ITEMS.

1. FASTENERS, SCREWS, AND BOLTS: HOT DIP GALVANIZED; AS RECOMMENDED BY ACCESSORY MANUFACTURER FOR COMPONENT AND SUBSTRATE.
2. CONCEALED SURFACES: PRETREAT AND CLEAN, SPRAY APPLY ONE COAT PRIMER AND BAKED ENAMEL FINISH.

G. FABRICATION: WELD AND GRIND SMOOTH JOINTS OF FABRICATED COMPONENTS; FORM EXPOSED SURFACES FROM ONE SHEET OF STOCK, FREE OF JOINTS.

1. FABRICATE UNITS WITH TIGHT SEAMS AND JOINTS, EXPOSED EDGES ROLLED; HANG DOORS AND ACCESS PANELS WITH CONTINUOUS PIANO HINGES; PROVIDE CONCEALED ANCHORAGE WHERE POSSIBLE.
2. PROVIDE STEEL ANCHOR PLATES AND ANCHOR COMPONENTS FOR INSTALLATION.
3. FORM SURFACES FLAT WITHOUT DISTORTION; MAINTAIN FLAT SURFACES WITHOUT SCRATCHES AND WITHOUT DENTS; FINISH EXPOSED EDGES EASED, FREE OF SHARP EDGES WHERE POTENTIAL EXISTS FOR PHYSICAL CONTACT.
4. HOT DIP GALVANIZE FERROUS METAL ANCHORS AND FASTENING DEVICES.
5. SHOP ASSEMBLE COMPONENTS; PACKAGE COMPLETE WITH ANCHORS AND FITTINGS.

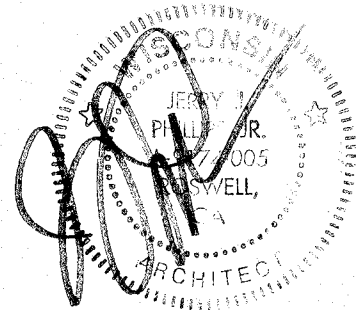
- H. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE CODES AND REGULATIONS.
1. PROVIDE/DELIVER INSERTS, TEMPLATES, AND RUGH IN MEASUREMENTS TO SITE FOR A TIMELY INSTALLATION.
 2. INSTALL PLUMB AND LEVEL, SECURELY AND RIGIDLY ANCHORED TO SUBSTRATE.
 3. MOUNTING HEIGHTS AND LOCATIONS: AS REQUIRED BY ACCESSIBILITY REGULATIONS AND AS INDICATED ON THE DRAWINGS.

NOT USED

NOT USED

REFER TO PLUMBING DRAWINGS

DIVISION 31: EARTHWORK



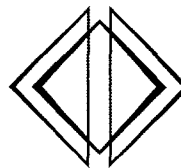
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PROJECT

DIAMONDS DIRECT
2600 N Mayfair RD
Wauwatosa, WI 53226

CLIENT _____



DIAMONDS DIRECT

PHILLIPS JOB NUMBER _____

ISSUE DATE _____

DRAWN BY/CHECKED BY _____

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ARCHITECTURAL SPECIFICATIONS

SHEET NUMBER _____

G-9.3

ISSUED FOR CONSTRUCTION



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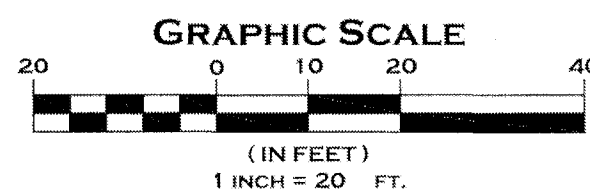
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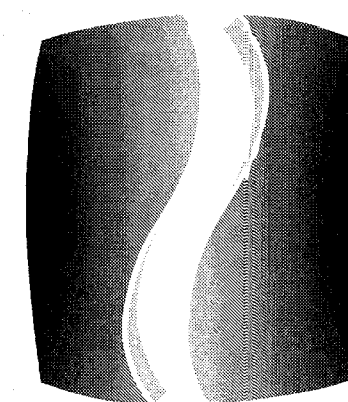
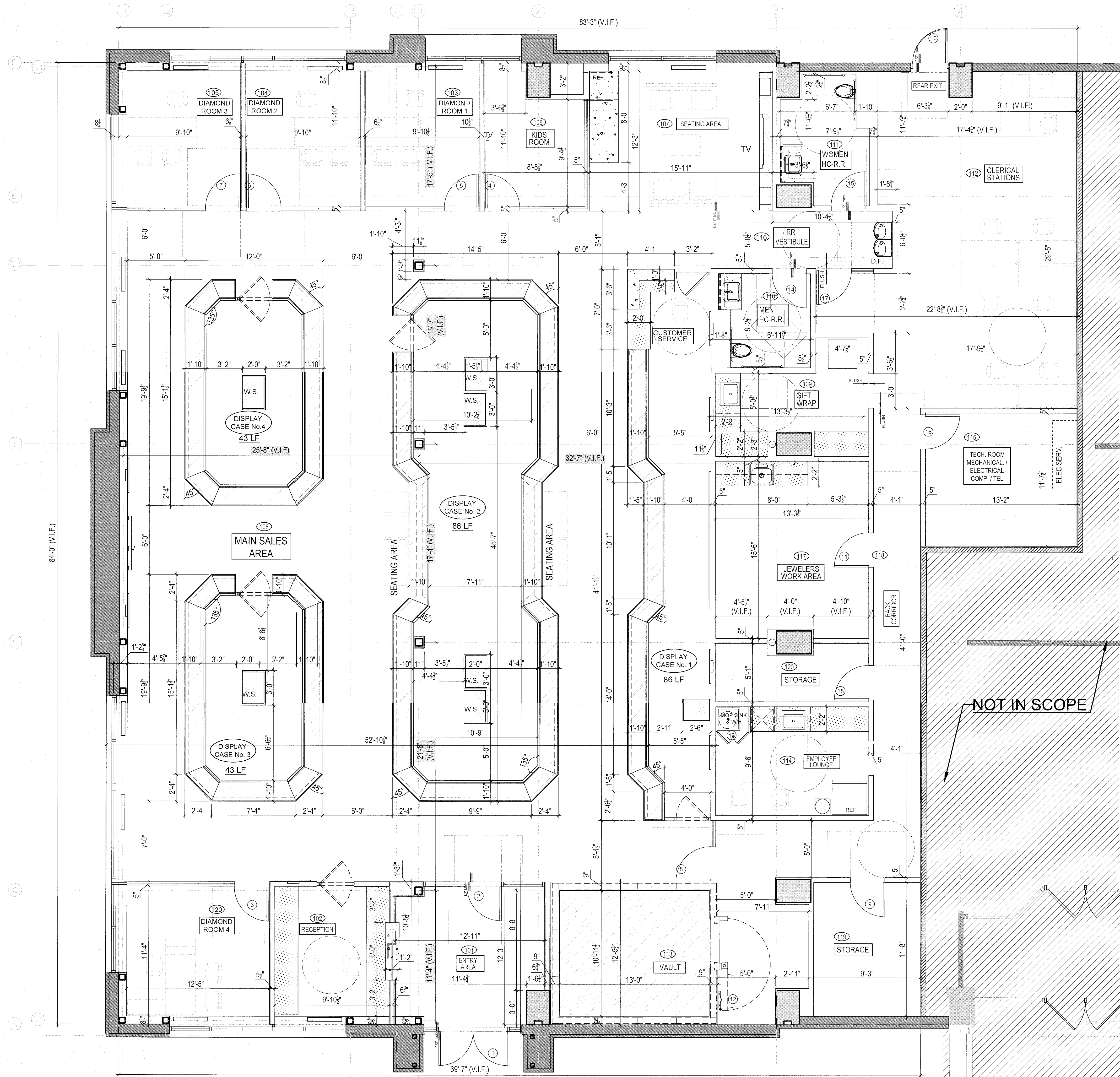
**** THE SITE SURVEY IS PROVIDED FOR
REFERENCE ONLY. NO SITE WORK IS INCLUDED
IN SCOPE. REFER TO CIVIL DRAWINGS FOR ANY
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SITE PLAN

NOT TO SCALE

LEGEND		
SYMBOL	DESCRIPTION	DESCRIPTION
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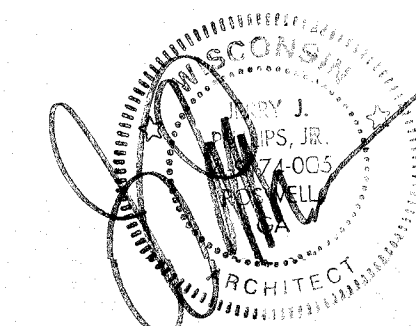
DIMENSIONED FLOOR PLAN
SCALE: 1/4"=1'-0"



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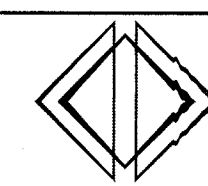
#	DATE	DESCRIPTION
1	07/20/2023	TI PERMIT SET

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PROJECT

DIAMONDS DIRECT
2600 N Mayfair RD
Wauwatosa, WI 53226

CLIENT



DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402
ISSUE DATE 06/30/2023
DRAWN BY/CHECKED BY DT/GC
DRAWING TITLE

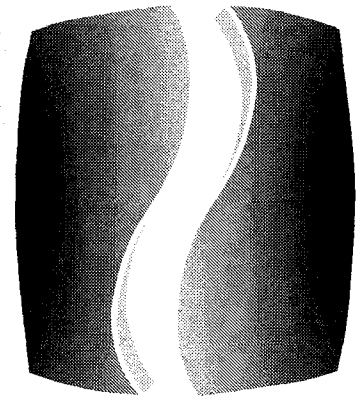
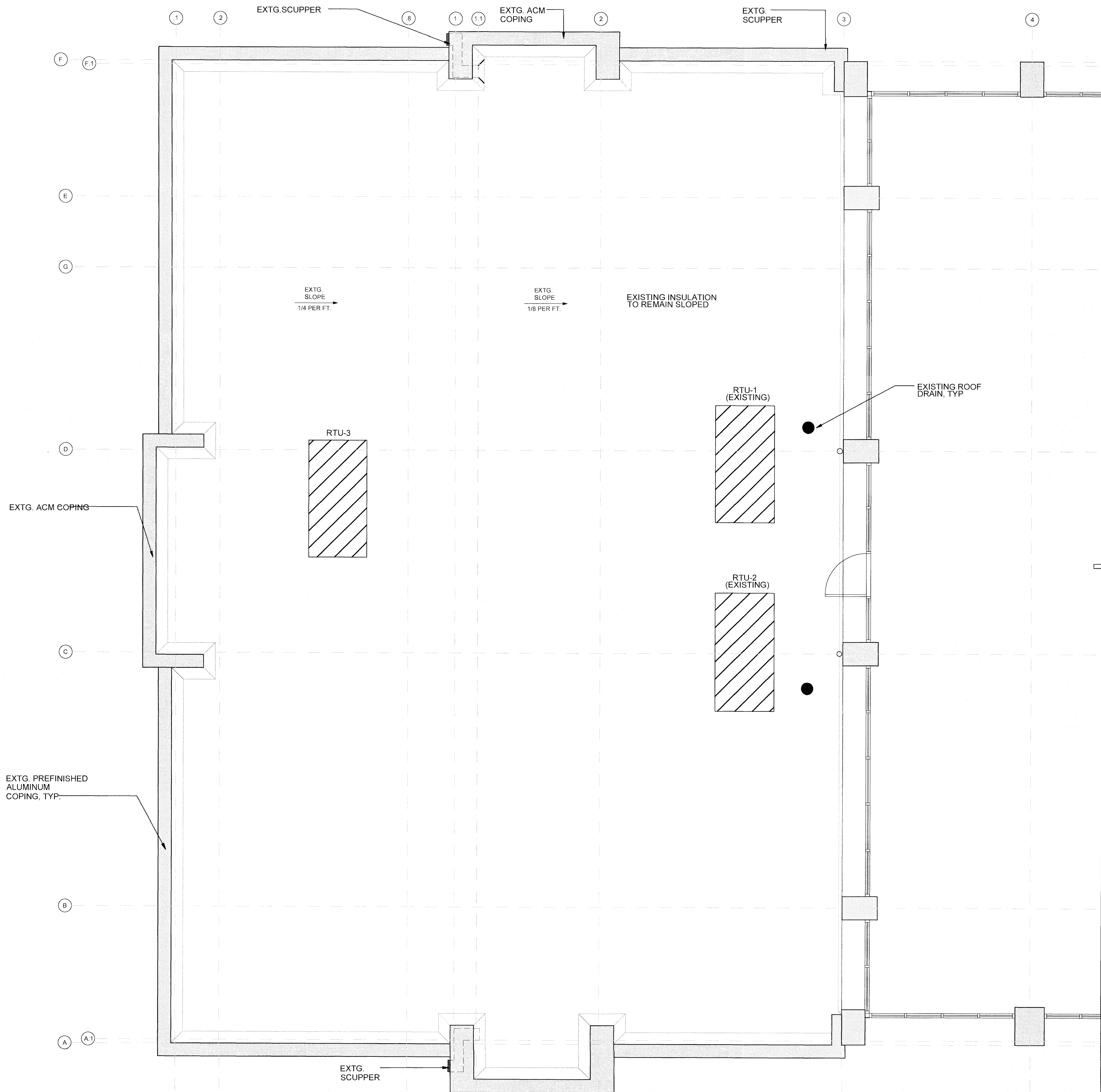
DIMENSIONED FLOOR PLAN

SHEET NUMBER

A-1.2

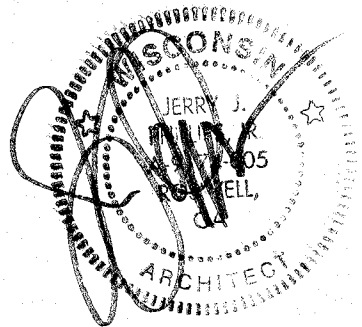
590 PEACHTREE DORWOOD RD
BUILDING A SUITE 450
ATLANTA, GEORGIA 30328

ISSUED FOR CONSTRUCTION



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CONSULTANT

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ISSUE & REVISION RECORD

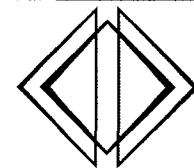
#	DATE	DESCRIPTION
	07/20/2023	TI PERMIT SET

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PROJECT

DIAMONDS DIRECT
2600 N Mayfair RD
Wauwatosa, WI 53226

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DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402
ISSUE DATE 08/30/2023
DRAWN BY/CHECKED BY DT/GC
DRAWING TITLE

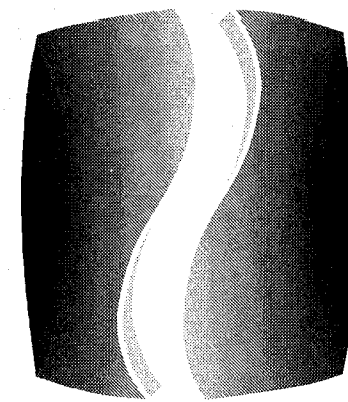
ROOF PLAN

SHEET NUMBER

A-1.3

5901 PLACHERIE DRIVE, SUITE 450
ATLANTA, GEORGIA 30328

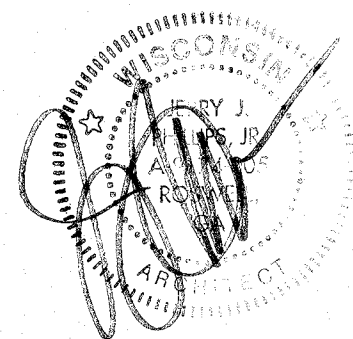
ISSUED FOR CONSTRUCTION



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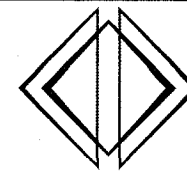
ISSUE & REVISION RECORD

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DIAMONDS DIRECT
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DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402
ISSUE DATE 06/30/2023
DRAWN BY/CHECKED BY DT/GC
DRAWING TITLE

REFLECTED CEILING
PLAN

SHEET NUMBER

A-2.0

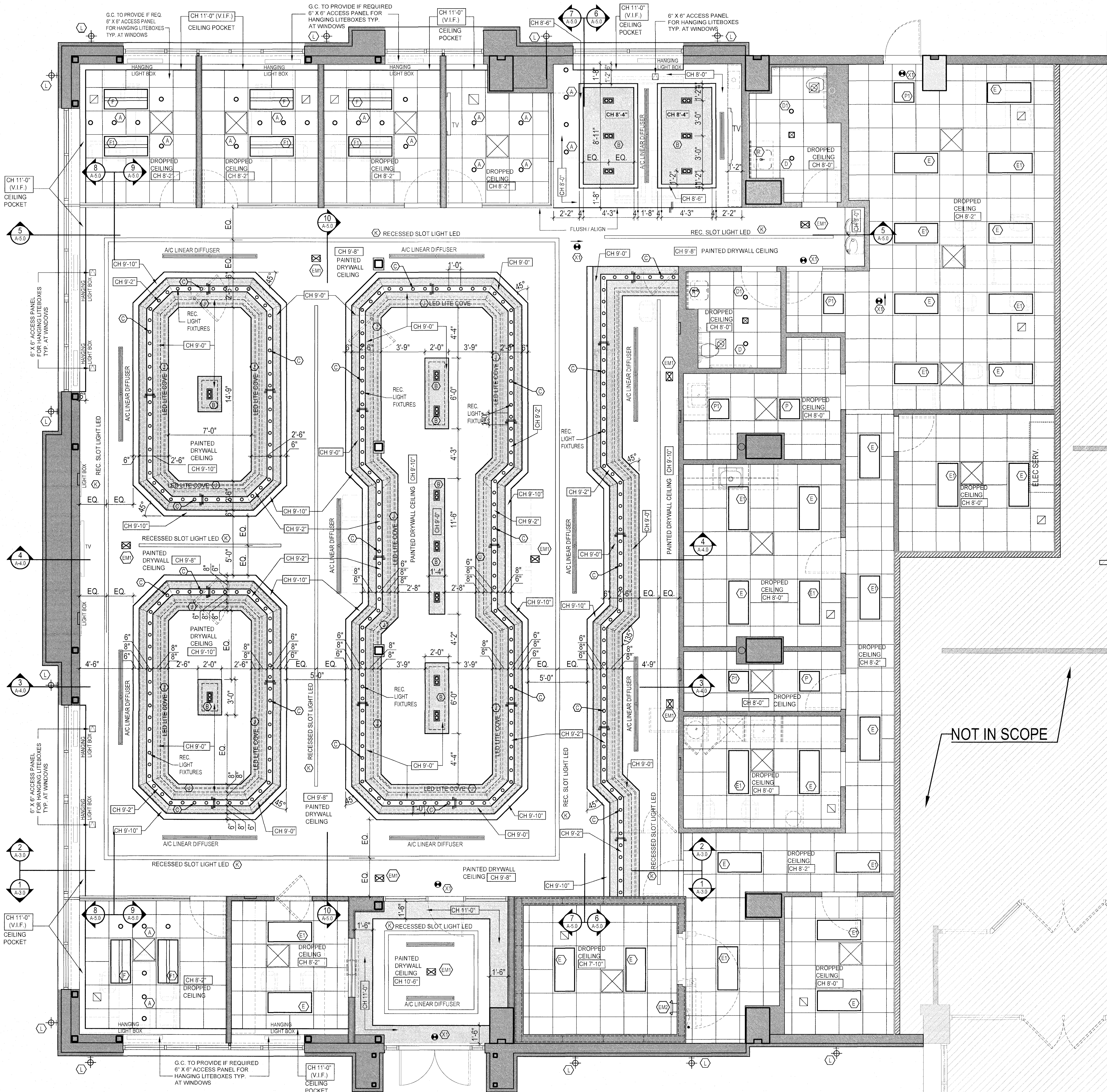
ISSUED FOR CONSTRUCTION

500 PEACHTREE DUNWOODY RD
BUILDING A SUITE 450
ATLANTA, GEORGIA 30328

PLEASE NOTE:
REFER TO MECH. DWGS. FOR ALL A/C SUPPLY AND RETURN GRILLES.
A/C SUPPLY SQUARE GRILLES TO BE TITUS OMNI MODEL - MATTE
WHITE COLOR. G.C. TO PROVIDE SHOP DRAWINGS FOR
OWNER / ARCHITECT APPROVAL.

REFLECTED CEILING PLAN

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





SEAL

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slightly textured appearance and is set against a dark background.

PROJECT

CLIENT



DRAWING TITLE _____

SHEET NUMBER

5001 PEACHTREE DUNWOODY RD.
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30150

* ALL LIGHT FIXTURES TO BE PROVIDED BY OWNER / INSTALLED BY G.C.
 ** FACTORY SUBMITTAL TO BE APPROVED BY ARCHITECT BEFORE ORDERING
 *** ALL LIGHTS AT SALES AREA & DIAMOND ROOMS TO BE 5000 K 80-85+CRI
ALL LIGHTS AT BACK AREAS TO BE 4000 K 80-85+CRI

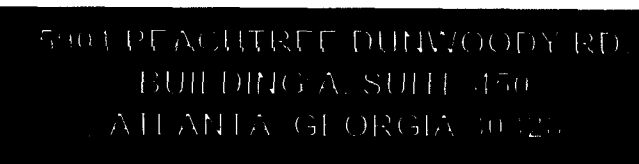
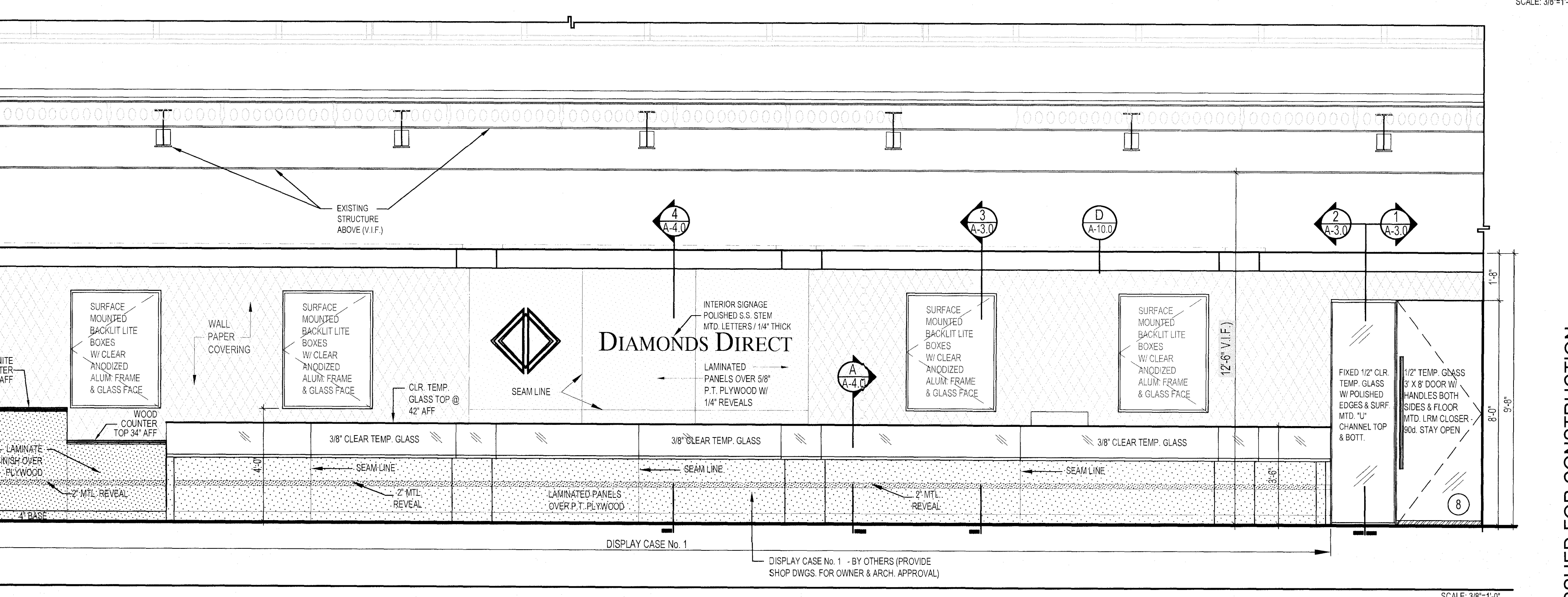
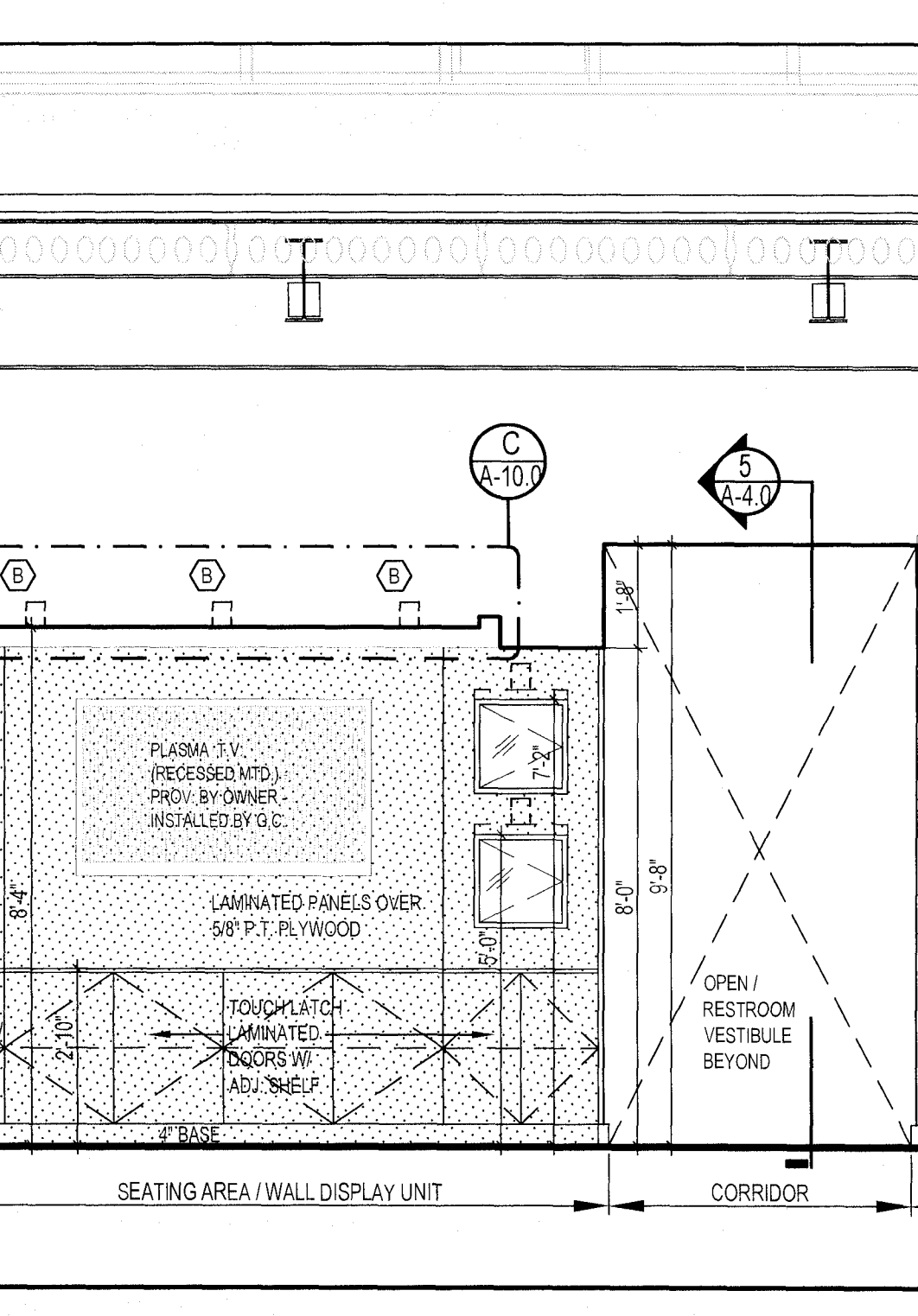
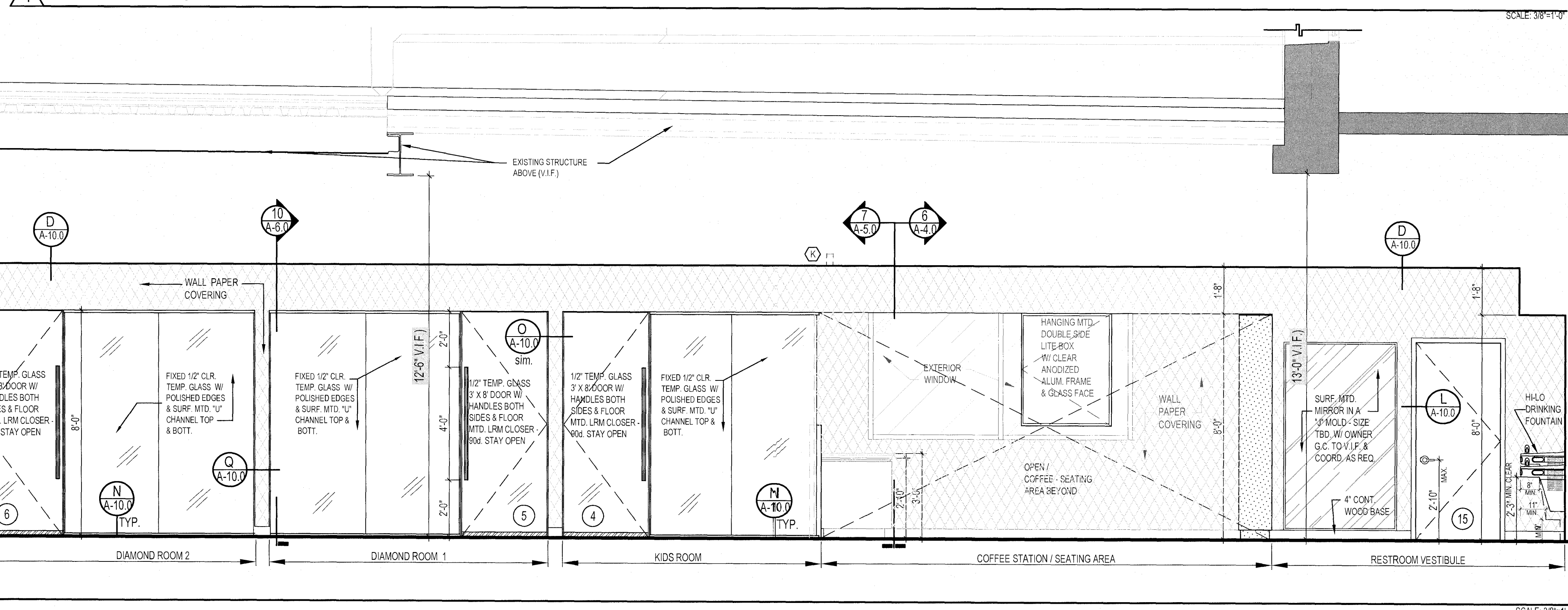
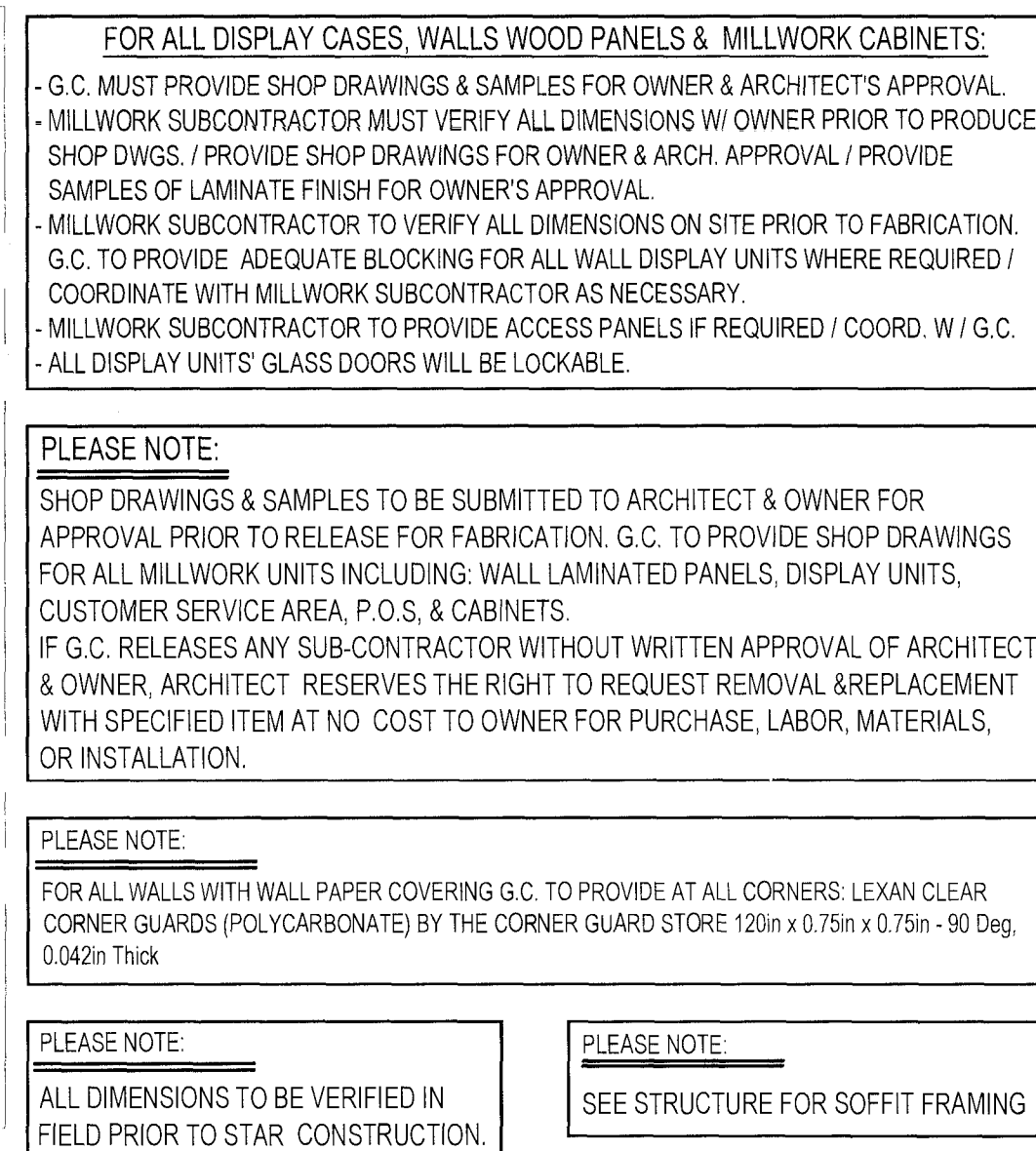
PLEASE NOTE:
FOR EXACT QUANTITIES OF LIGHTING AND EXACT LIGHT COVES LOCATIONS
SEE INTERIOR ELEVATIONS PRIOR TO BIDDING AND INSTALLATION.
ELECTRICAL CONTRACTOR TO INCLUDE INTERIOR ELEVATIONS AS PART OF BID
AND COORDINATE LOCATION W/ ARCHITECTURAL DRAWINGS, SEE SHEETS
A-2.0, A-3.0, A-4.0, A-5.0, A-6.0 & DETAILS

FOR ALL LITE COVES

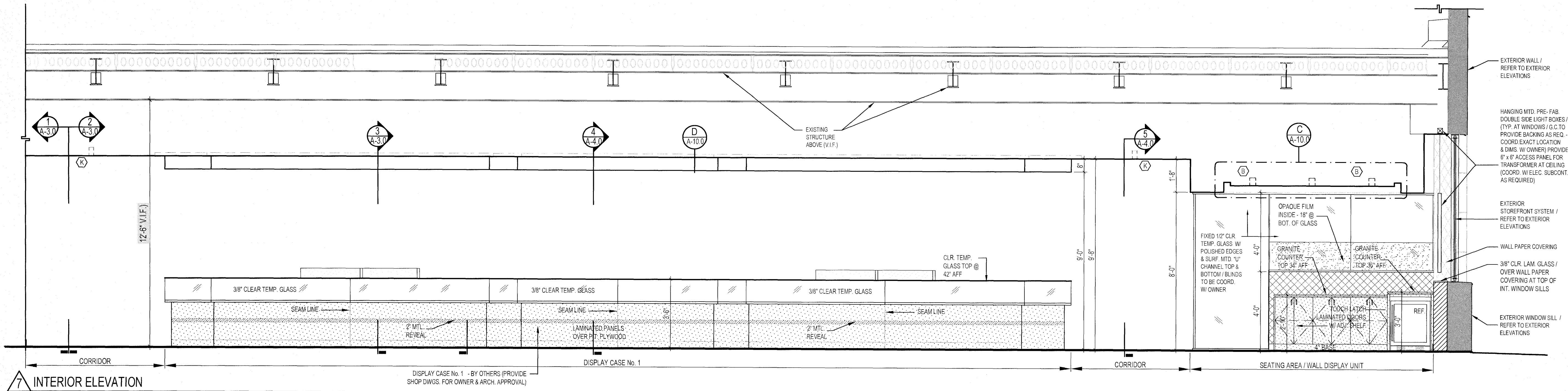
GENERAL CONTRACTOR
SHALL NOT BE PERMITTED TO
MODIFY, ATTACH TO OR HANG
ANY LOADS FROM THE LL'S
DUCTWORK, WATER LINES, OR
CONDUITS.
ALL FINISHED SURFACES TO BE
TRUE, LEVEL AND PLUMB.

ISSUED FOR CONSTRUCTION

SSUED FOR CONSTRUCTION



SSUED FOR CONSTRUCTION



SCALE: 3/8"=1'-0"

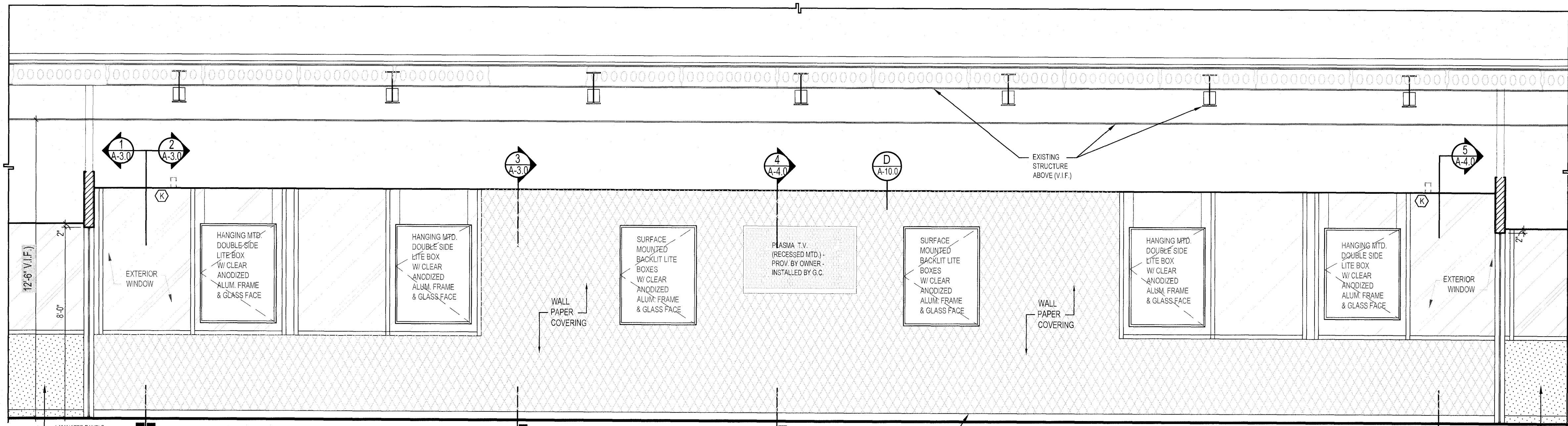
PLEASE NOTE:
SHOP DRAWINGS & SAMPLES TO BE SUBMITTED TO ARCHITECT & OWNER FOR APPROVAL PRIOR TO RELEASE FOR FABRICATION. G.C. TO PROVIDE SHOP DRAWINGS FOR ALL MILLWORK UNITS INCLUDING: WALL LAMINATED PANELS, DISPLAY UNITS, CUSTOMER SERVICE AREA, P.O.S. & CABINETS.
IF G.C. RELEASES ANY SUB-CONTRACTOR WITHOUT WRITTEN APPROVAL OF ARCHITECT & OWNER, ARCHITECT RESERVES THE RIGHT TO REQUEST REMOVAL & REPLACEMENT WITH SPECIFIED ITEM AT NO COST TO OWNER FOR PURCHASE, LABOR, MATERIALS, OR INSTALLATION.

FOR ALL DISPLAY CASES, WALLS WOOD PANELS & MILLWORK CABINETS:
G.C. MUST PROVIDE SHOP DRAWINGS & SAMPLES FOR OWNER & ARCHITECT'S APPROVAL. MILLWORK SUBCONTRACTOR MUST VERIFY ALL DIMENSIONS W/ OWNER PRIOR TO PRODUCE SHOP DWGS. / PROVIDE SHOP DRAWINGS FOR OWNER & ARCH. APPROVAL / PROVIDE SAMPLES OF LAMINATE FINISH FOR OWNER'S APPROVAL.
MILLWORK SUBCONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO FABRICATION. G.C. TO PROVIDE ADEQUATE BLOCKING FOR ALL WALL DISPLAY UNITS WHERE REQUIRED / COORDINATE WITH MILLWORK SUBCONTRACTOR AS NECESSARY.
MILLWORK SUBCONTRACTOR TO PROVIDE ACCESS PANELS IF REQUIRED / COORD. W/ G.C.
ALL DISPLAY UNITS' GLASS DOORS WILL BE LOCKABLE.

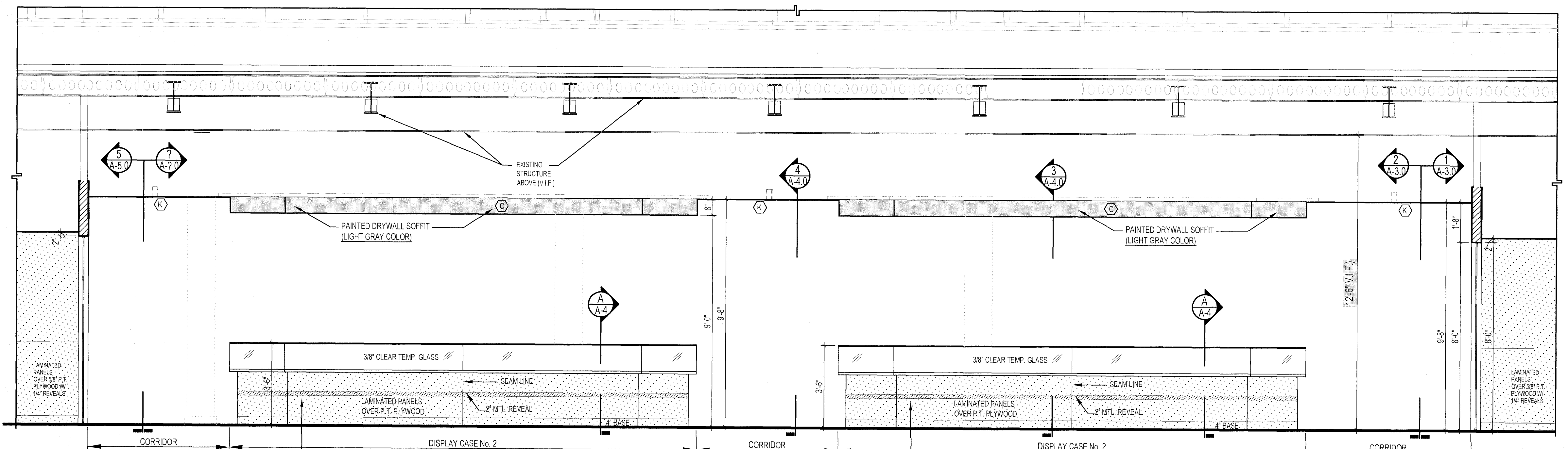
PLEASE NOTE:
FOR ALL WALLS WITH WALL PAPER COVERING G.C. TO PROVIDE AT ALL CORNERS, LEXAN CLEAR CORNER GUARDS (POLYCARBONATE) BY THE CORNER GUARD STORE 120in x 0.75in x 0.75in - 90 Deg, 0.042in Thick

PLEASE NOTE:
ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO START CONSTRUCTION.

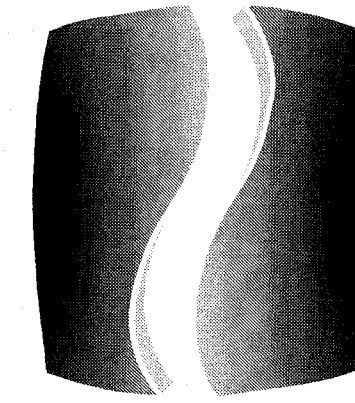
PLEASE NOTE:
SEE STRUCTURE FOR SOFFIT FRAMING



SCALE: 3/8"=1'-0"



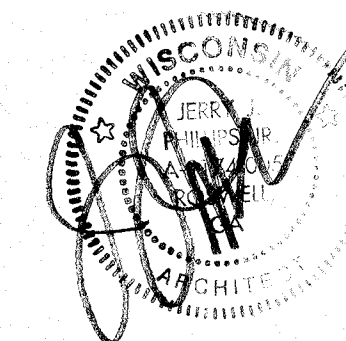
SCALE: 3/8"=1'-0"



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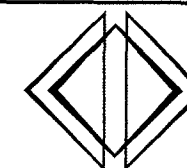
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DIAMONDS DIRECT

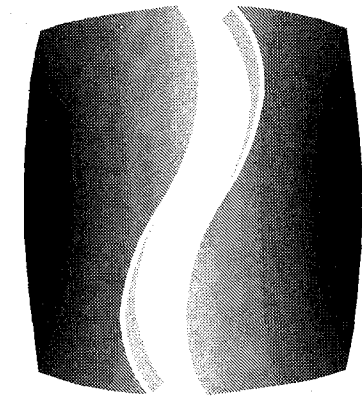
PHILLIPS JOB NUMBER 2336402
ISSUE DATE 06/30/2023
DRAWN BY/CHECKED BY DT/GC
DRAWING TITLE

INTERIOR ELEVATIONS

A-5.0

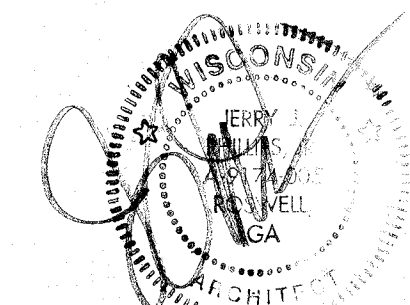
3001 PEACHTREE DUNWOODY RD
BUILDING A SUITE 150
ATLANTA, GEORGIA 30328

ISSUED FOR CONSTRUCTION



PHILLIPS
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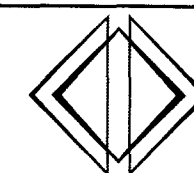
ISSUE & REVISION RECORD

#	DATE	DESCRIPTION
	07/20/2023	TI PERMIT SET

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Wauwatosa, WI 53226

CLIENT



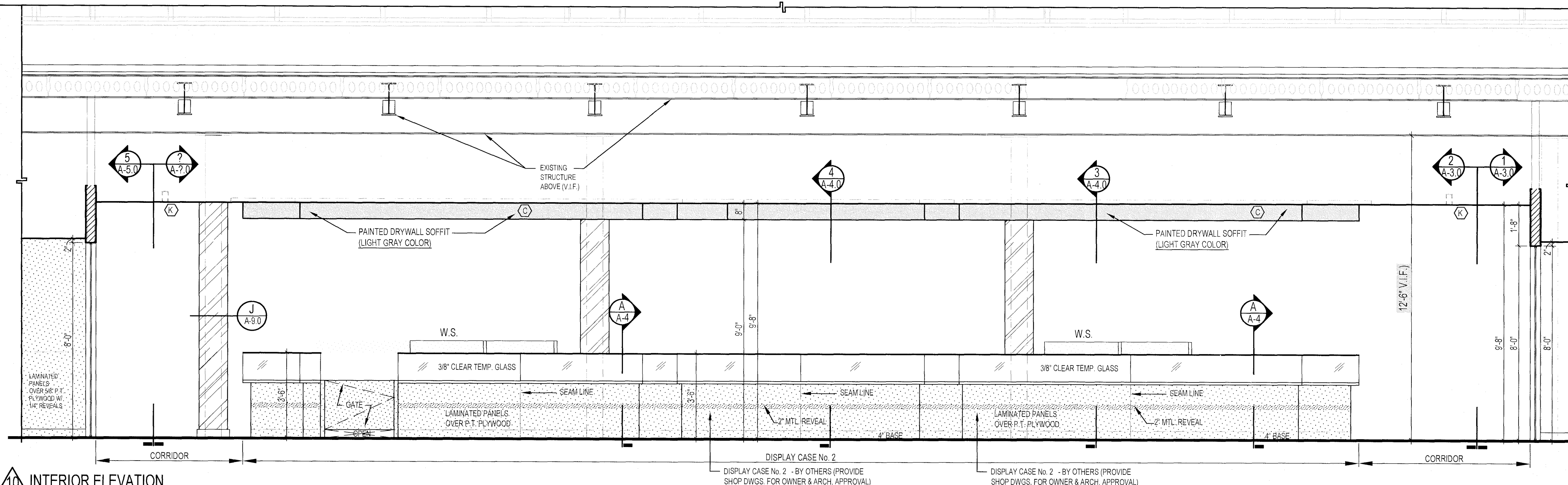
DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402
ISSUE DATE 06/30/2023
DRAWN BY/CHECKED BY DT/GC
DRAWING TITLE

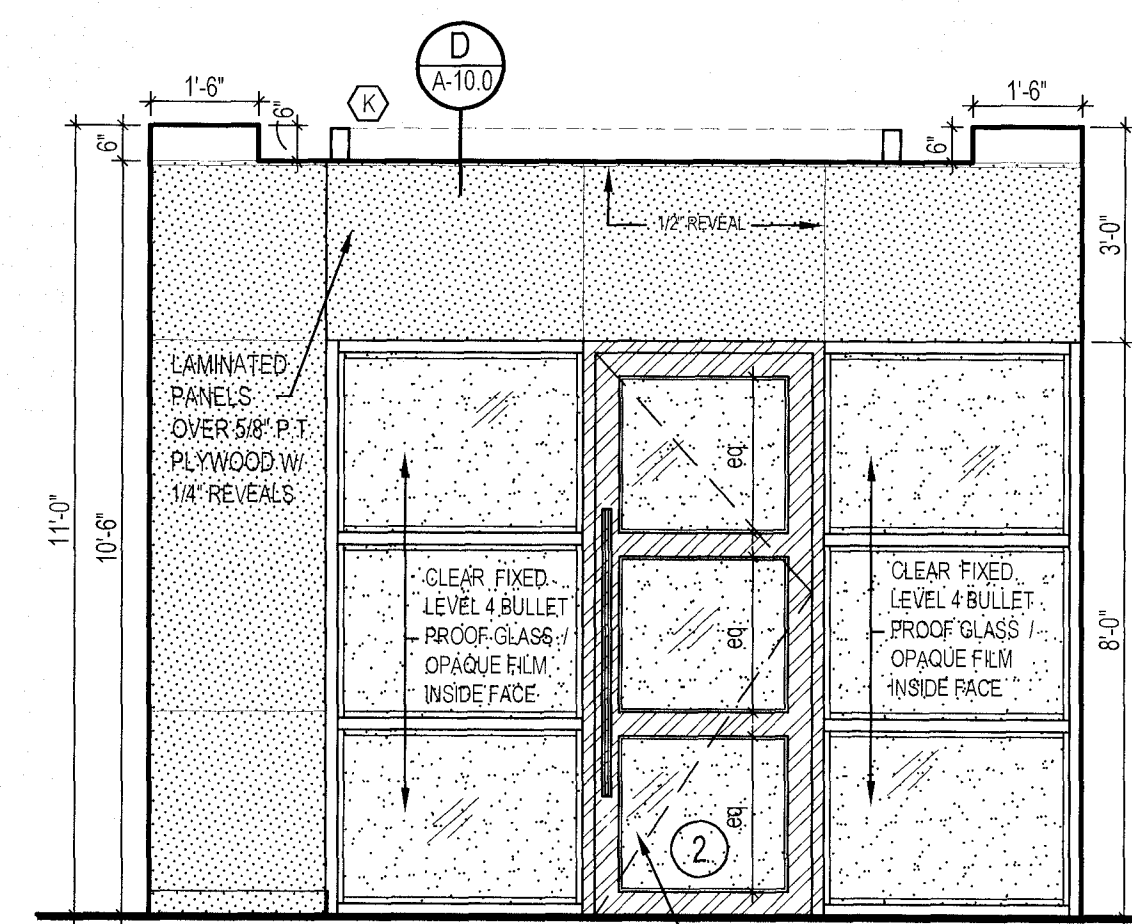
INTERIOR ELEVATIONS
SHEET NUMBER **A-6.0**

5001 PEACHTREE DUNWOODY RD
BUILDING A SUITE 150
ATLANTA, GEORGIA 30328

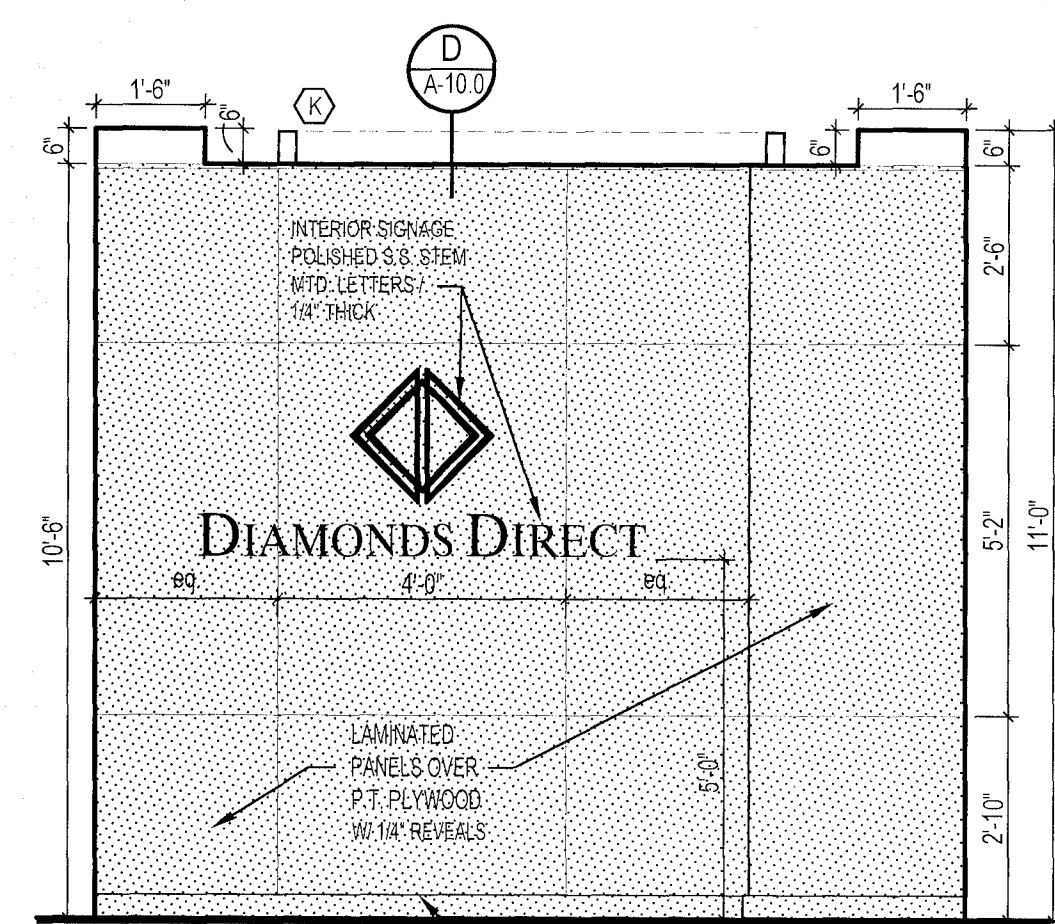
ISSUED FOR CONSTRUCTION



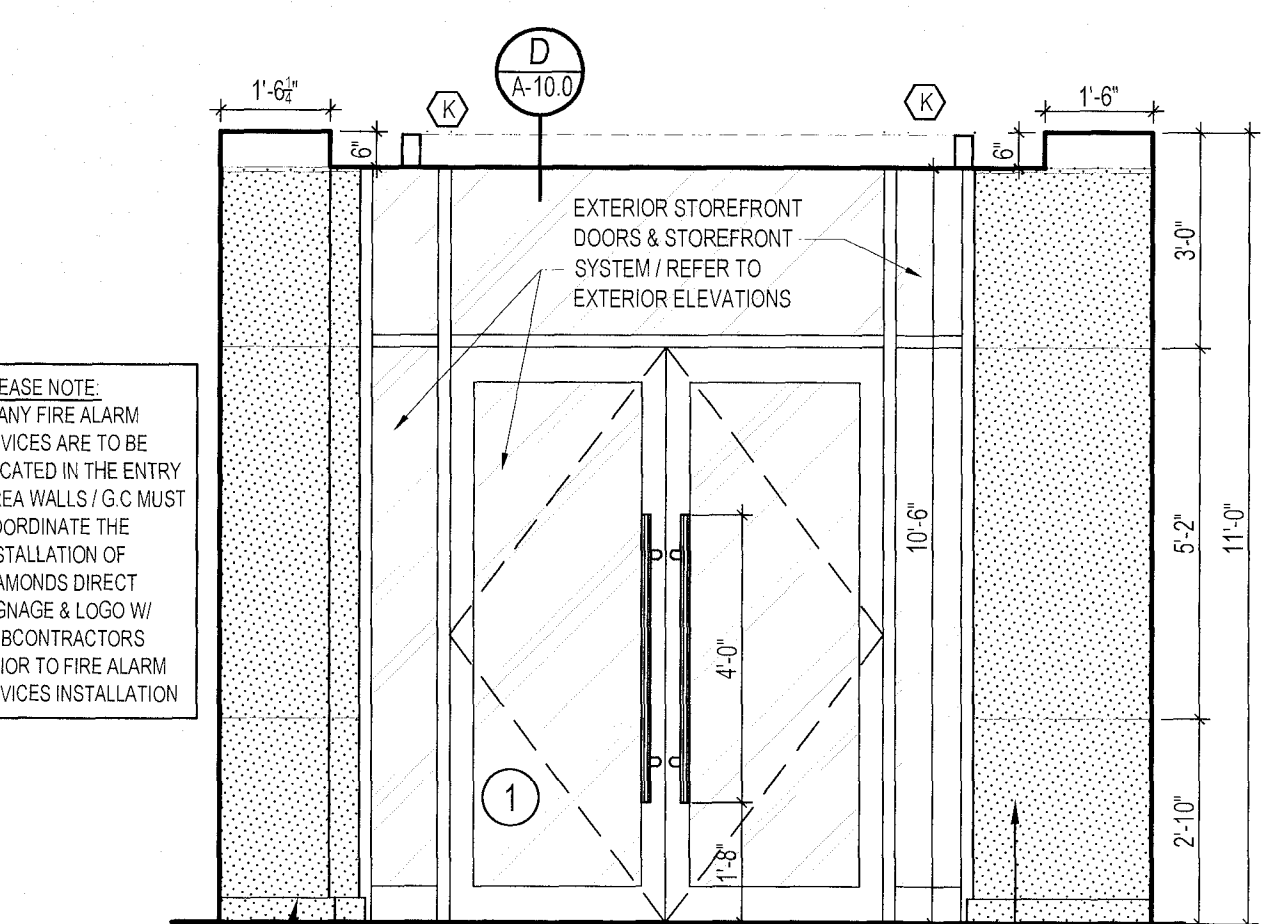
10. INTERIOR ELEVATION



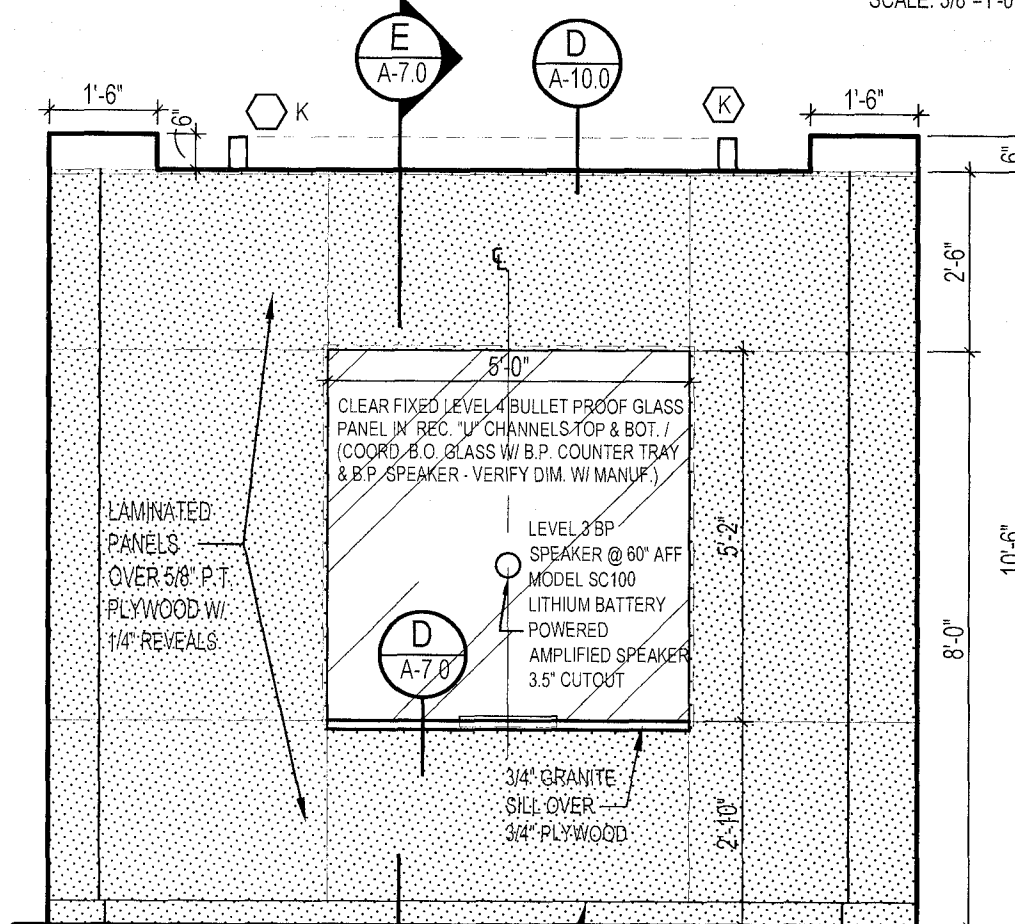
11. INTERIOR ELEVATION
MAIN ENTRANCE



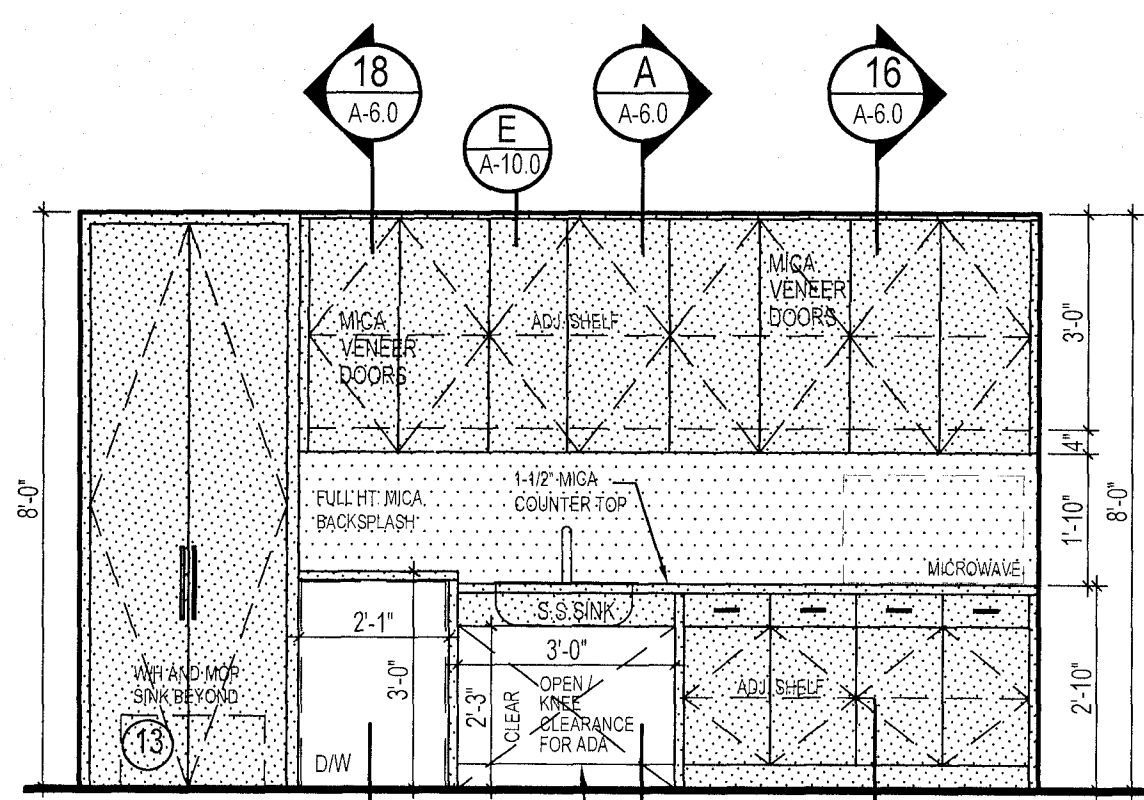
12. INTERIOR ELEVATION
MAIN ENTRANCE



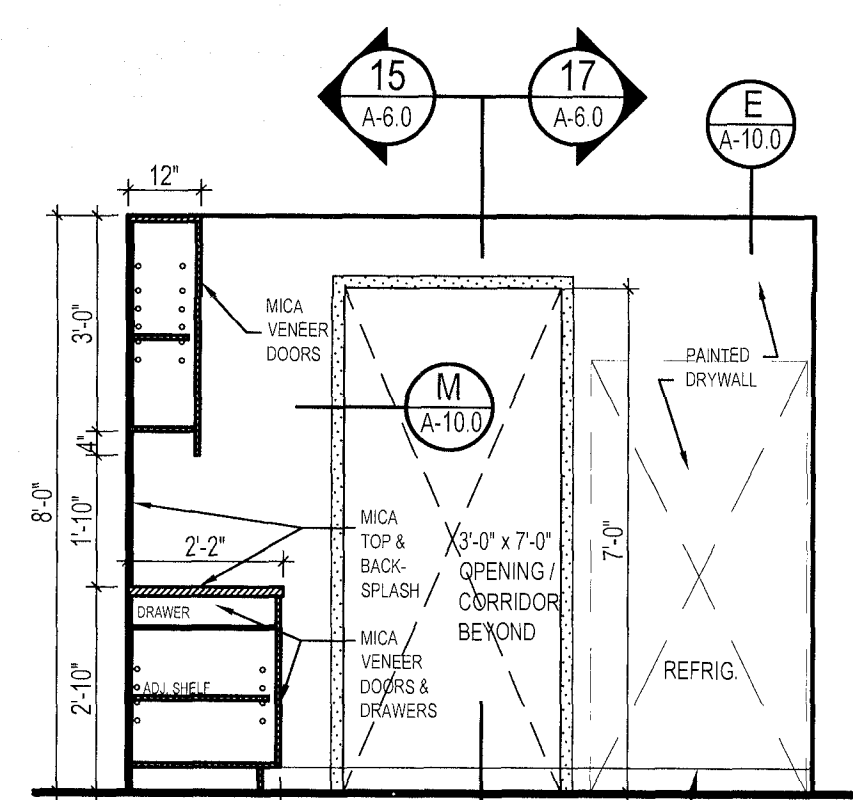
13. INT. ELEVATION @ ENTRANCE
MAIN ENTRANCE



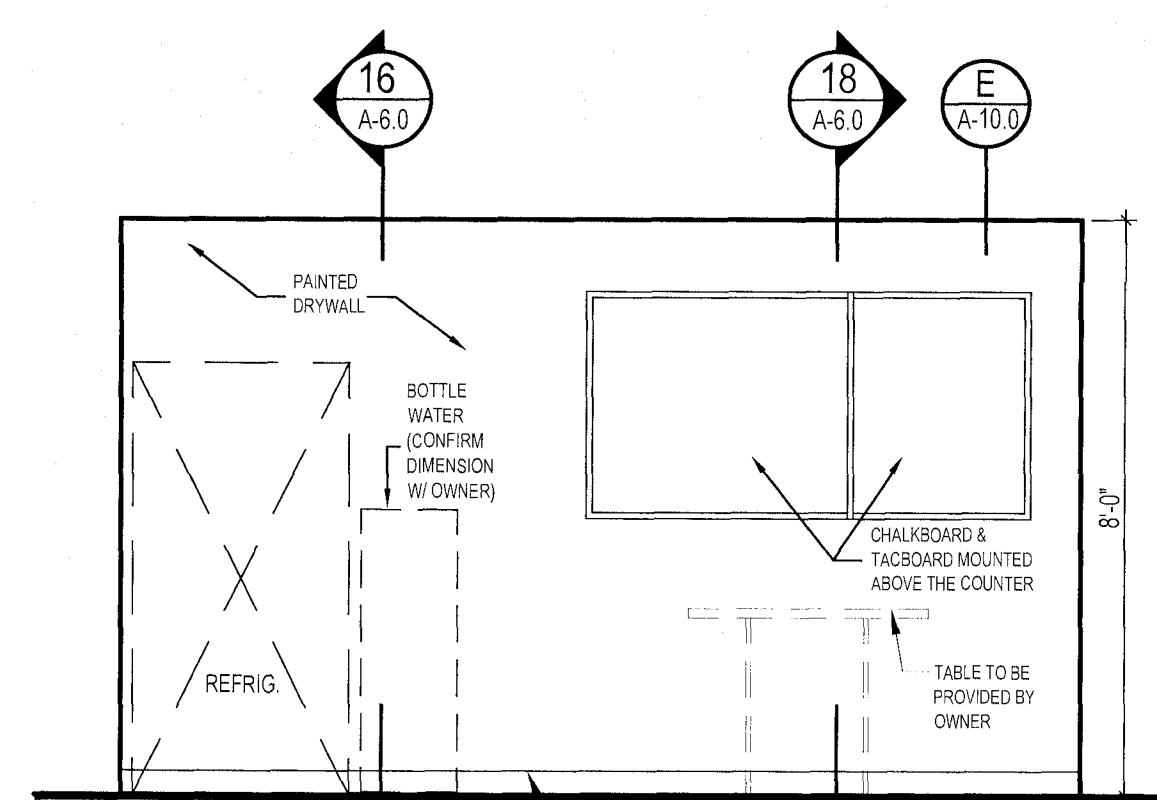
14. INT. ELEVATION @ ENTRANCE
MAIN ENTRANCE



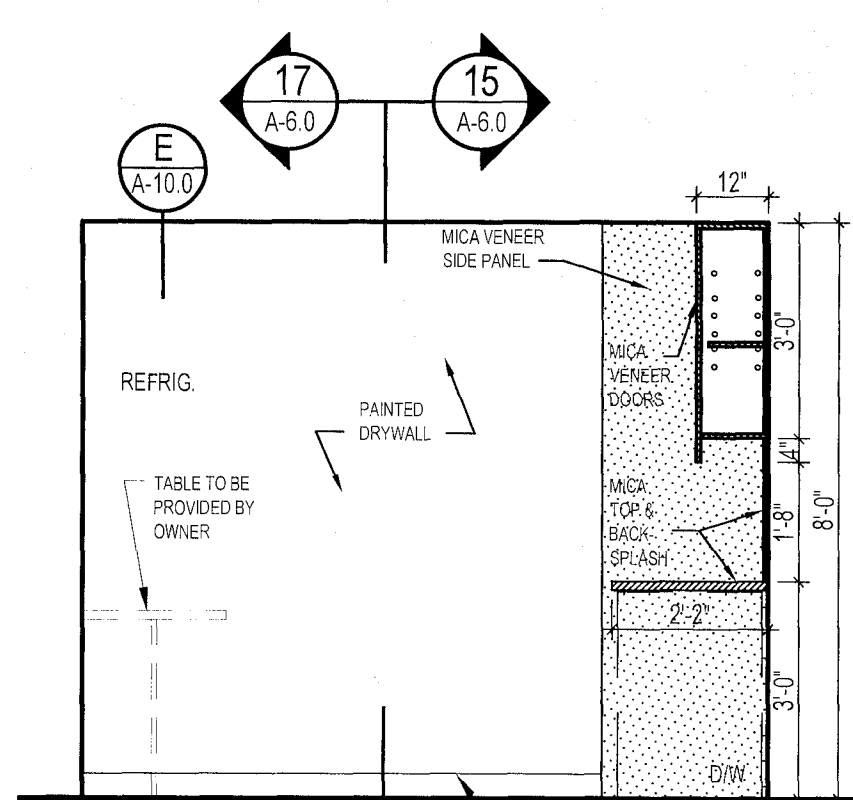
15. INT. ELEVATION
EMPLOYEE LOUNGE



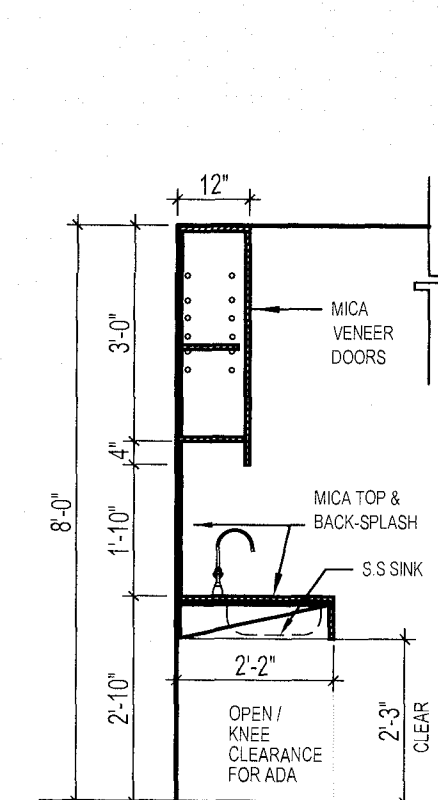
16. INT. ELEVATION
EMPLOYEE LOUNGE WITH ADA OPENING & ACCESS



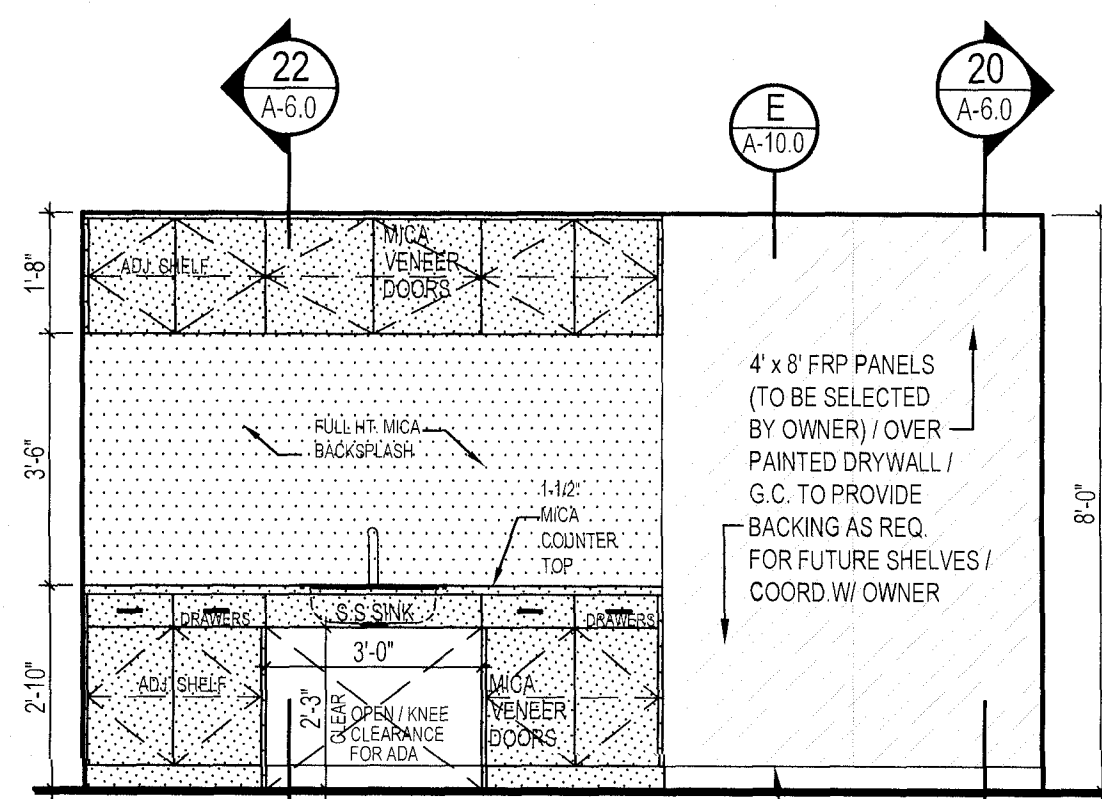
17. INT. ELEVATION
EMPLOYEE LOUNGE



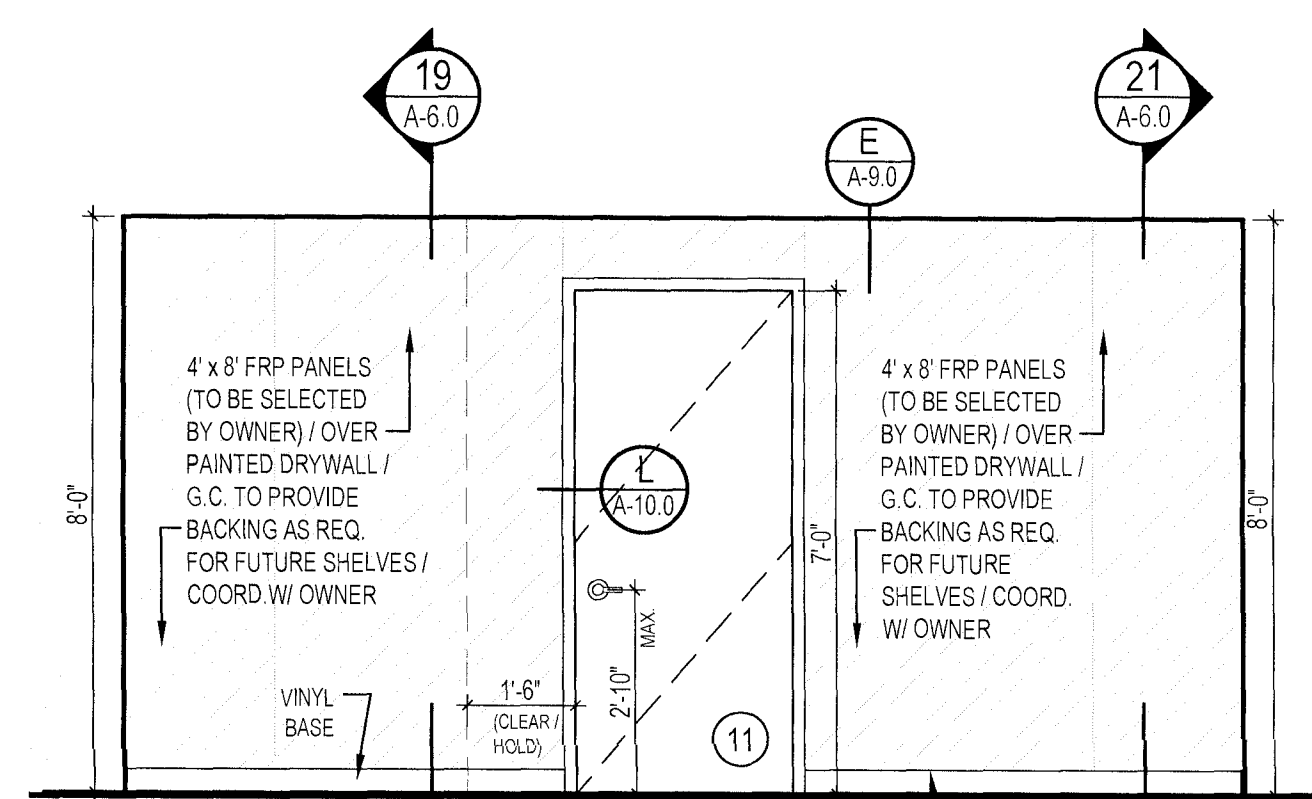
18. INT. ELEVATION
EMPLOYEE LOUNGE



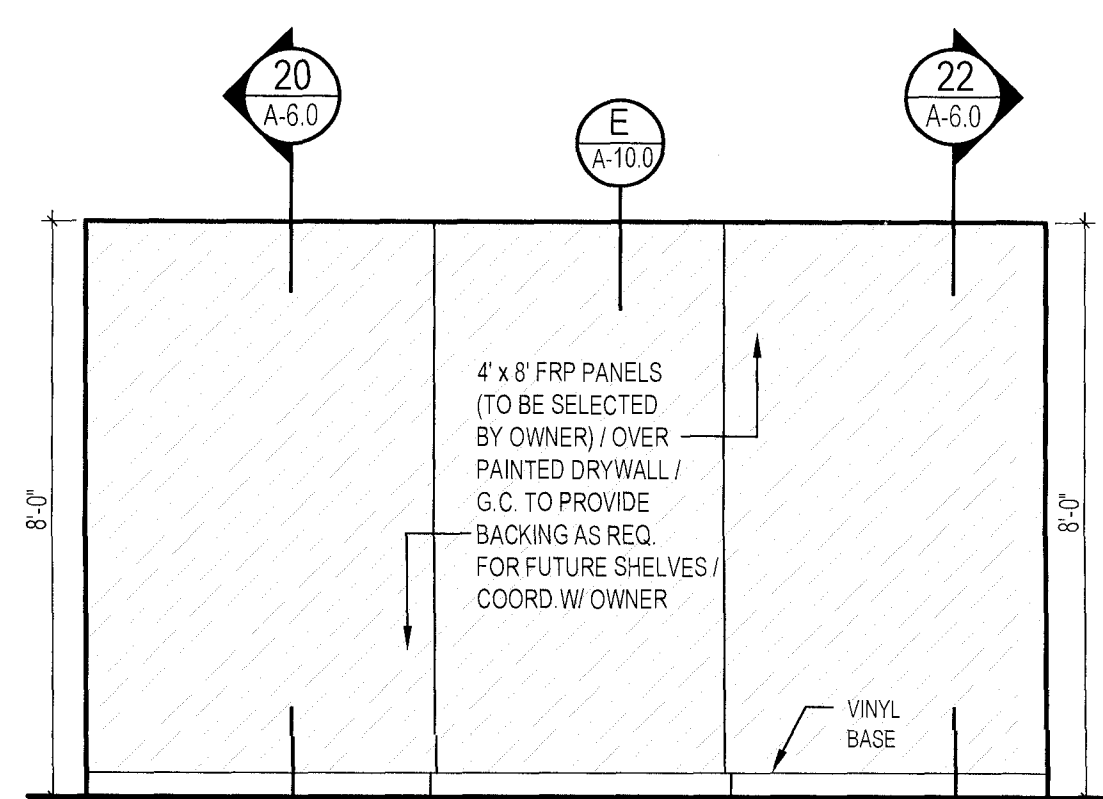
A. SECTION



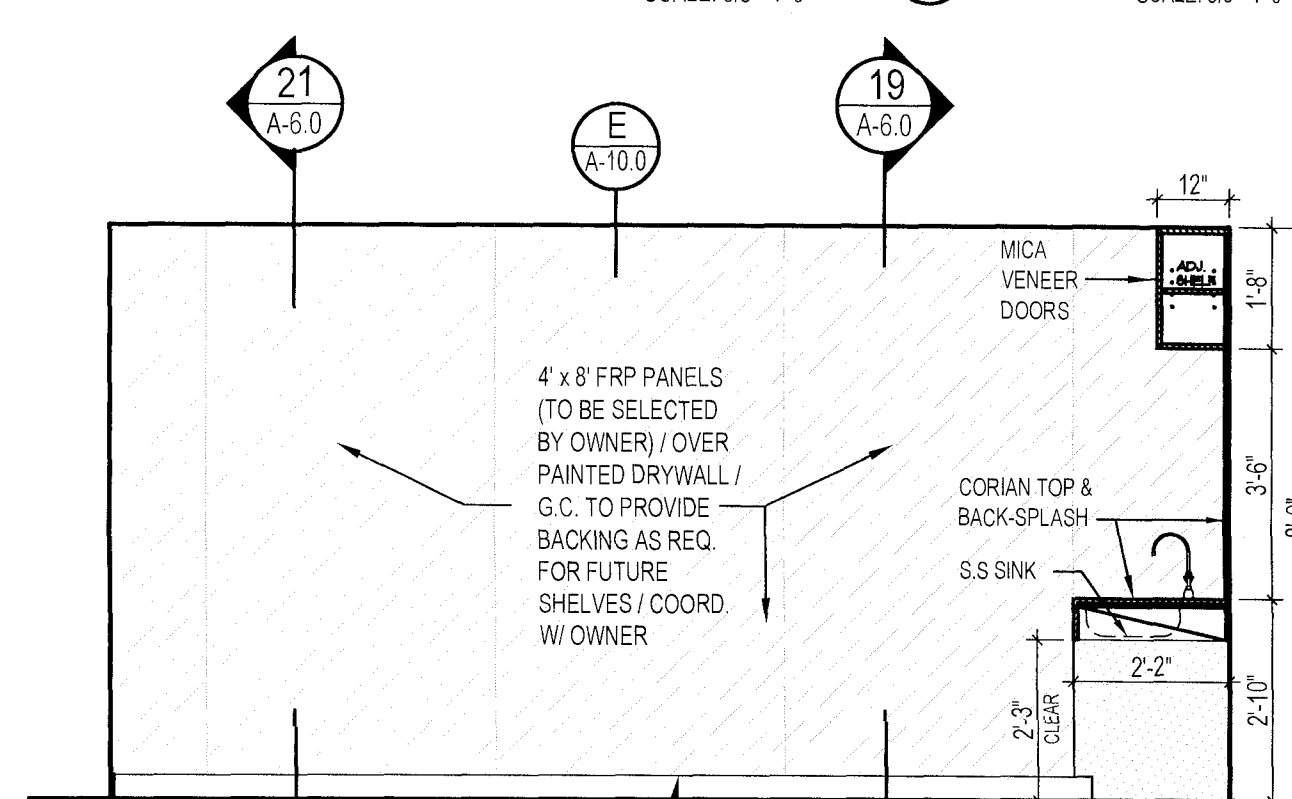
19. INT. ELEV.
JEWELER'S ROOM



20. INT. ELEV.
JEWELER'S ROOM



21. INT. ELEV.
JEWELER'S ROOM



22. INT. ELEV.
JEWELER'S ROOM

PLEASE NOTE:
SHOP DRAWINGS & SAMPLES TO BE SUBMITTED TO ARCHITECT & OWNER FOR APPROVAL PRIOR TO RELEASE FOR FABRICATION. G.C. TO PROVIDE SHOP DRAWINGS FOR ALL MILLWORK UNITS INCLUDING: WALL LAMINATED PANELS, DISPLAY UNITS, CUSTOMER SERVICE AREA, P.O.S. & CABINETS.
IF G.C. RELEASES ANY SUB-CONTRACTOR WITHOUT WRITTEN APPROVAL OF ARCHITECT & OWNER, ARCHITECT RESERVES THE RIGHT TO REQUEST REMOVAL & REPLACEMENT WITH SPECIFIED ITEM AT NO COST TO OWNER FOR PURCHASE, LABOR, MATERIALS, OR INSTALLATION.

FOR ALL DISPLAY CASES, WALLS WOOD PANELS & MILLWORK CABINETS:
- G.C. MUST PROVIDE SHOP DRAWINGS & SAMPLES FOR OWNER & ARCHITECT'S APPROVAL.
- MILLWORK SUBCONTRACTOR MUST VERIFY ALL DIMENSIONS W/ OWNER PRIOR TO PRODUCE SHOP DWGS. / PROVIDE SHOP DRAWINGS FOR OWNER & ARCH. APPROVAL / PROVIDE SAMPLES OF LAMINATE FINISH FOR OWNER'S APPROVAL.
- MILLWORK SUBCONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO FABRICATION. G.C. TO PROVIDE ADEQUATE BLOCKING FOR ALL WALL DISPLAY UNITS WHERE REQUIRED / COORDINATE WITH MILLWORK SUBCONTRACTOR AS NECESSARY.
- MILLWORK SUBCONTRACTOR TO PROVIDE ACCESS PANELS IF REQUIRED / COORD. W/ G.C.
- ALL DISPLAY UNITS' GLASS DOORS WILL BE LOCKABLE.

PLEASE NOTE:
FOR ALL WALLS WITH WALL PAPER COVERING G.C. TO PROVIDE AT ALL CORNERS: LEXAN CLEAR CORNER GUARDS (POLYCARBONATE) BY THE CORNER GUARD STORE 120in x 0.75in x 0.75in - 90 Deg, 0.042in Thick

PLEASE NOTE:
SEE STRUCTURE FOR SOFFIT FRAMING

PLEASE NOTE:
ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO START CONSTRUCTION.

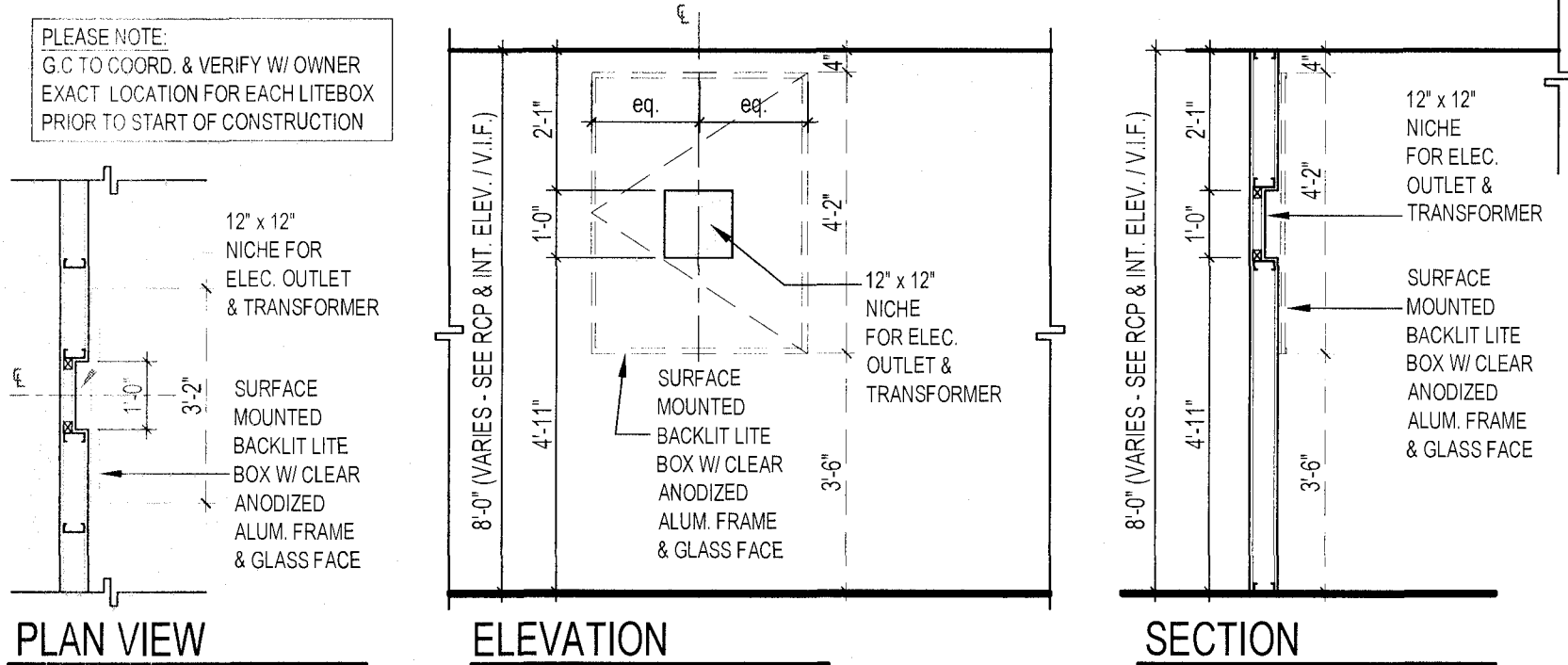
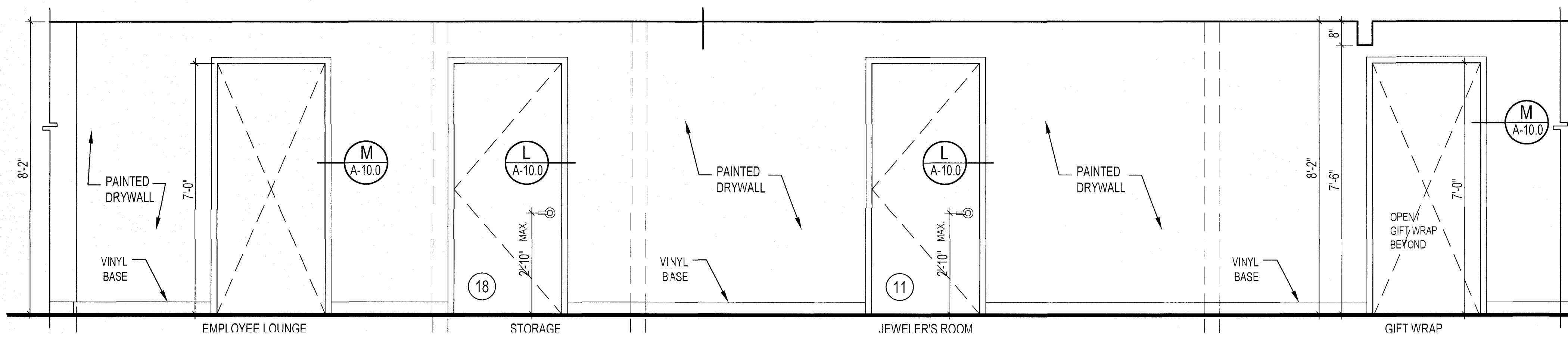
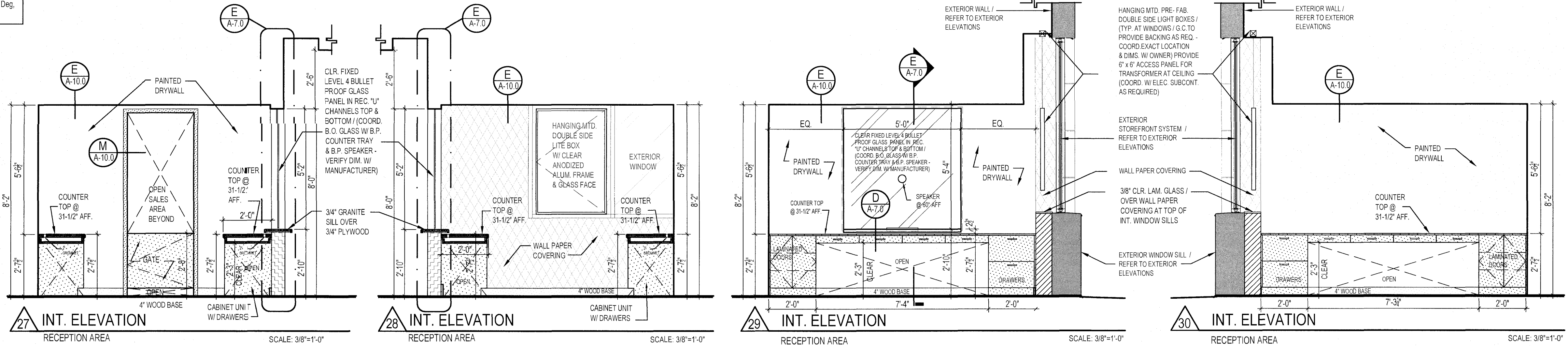
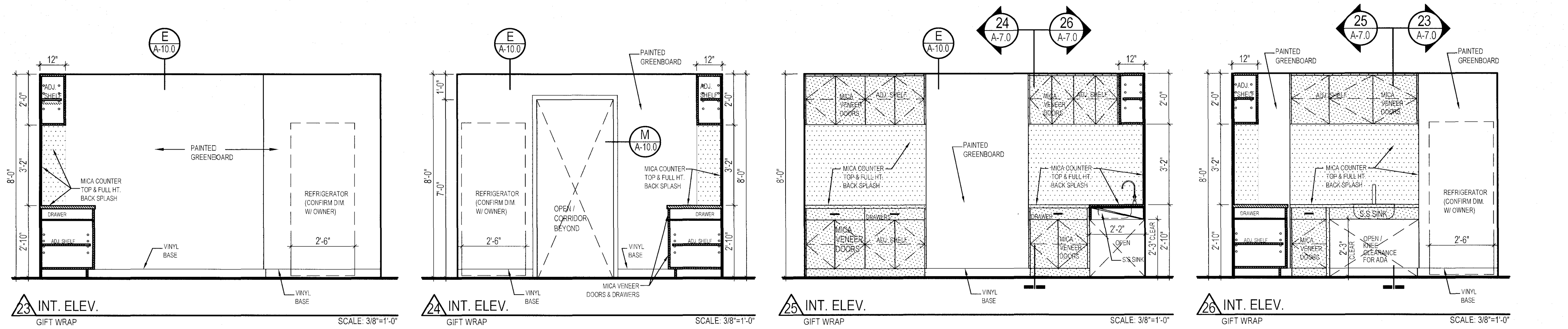
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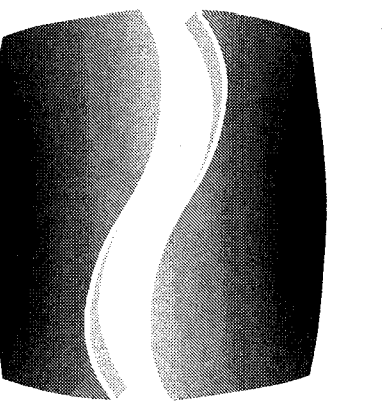
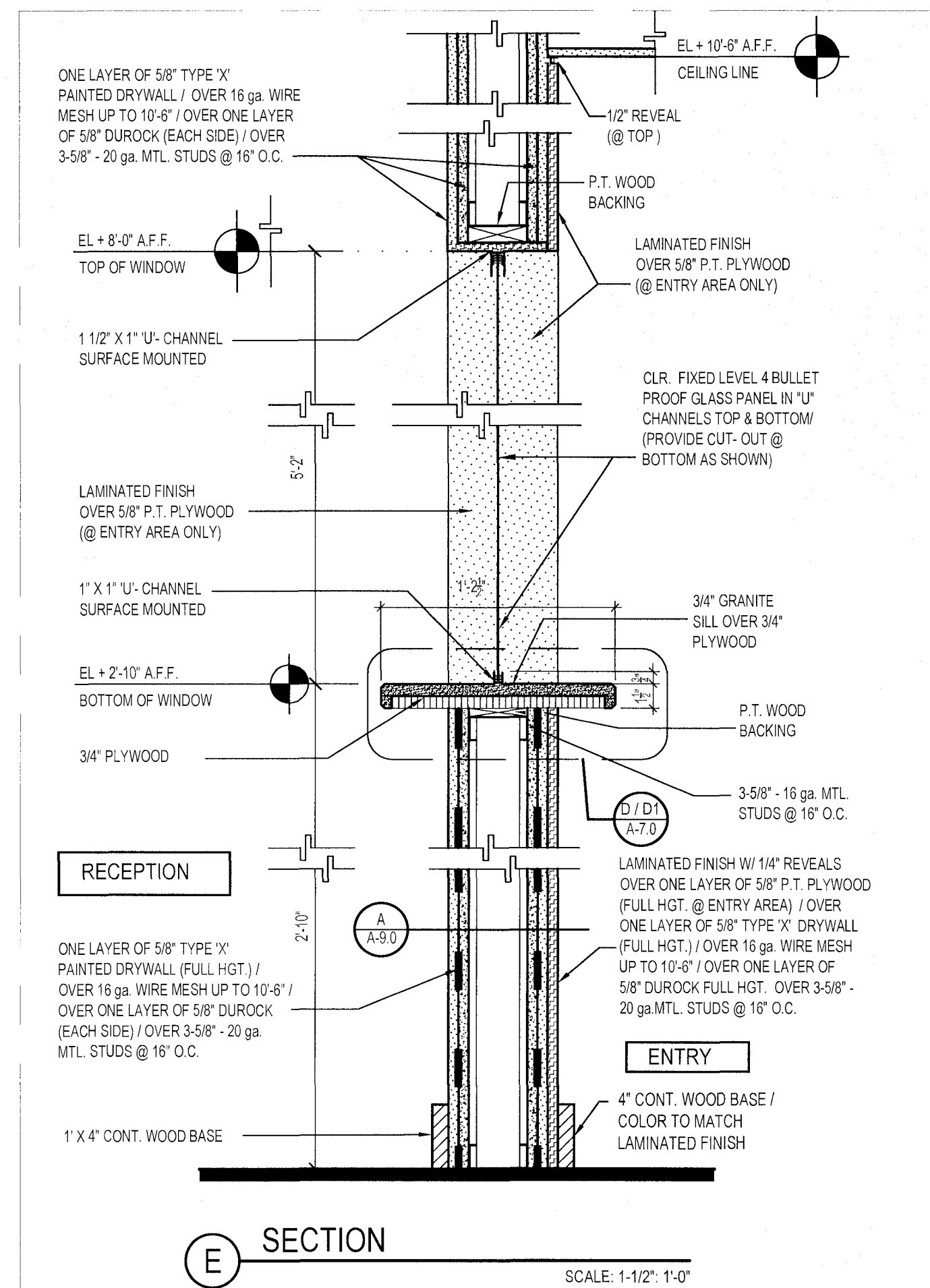
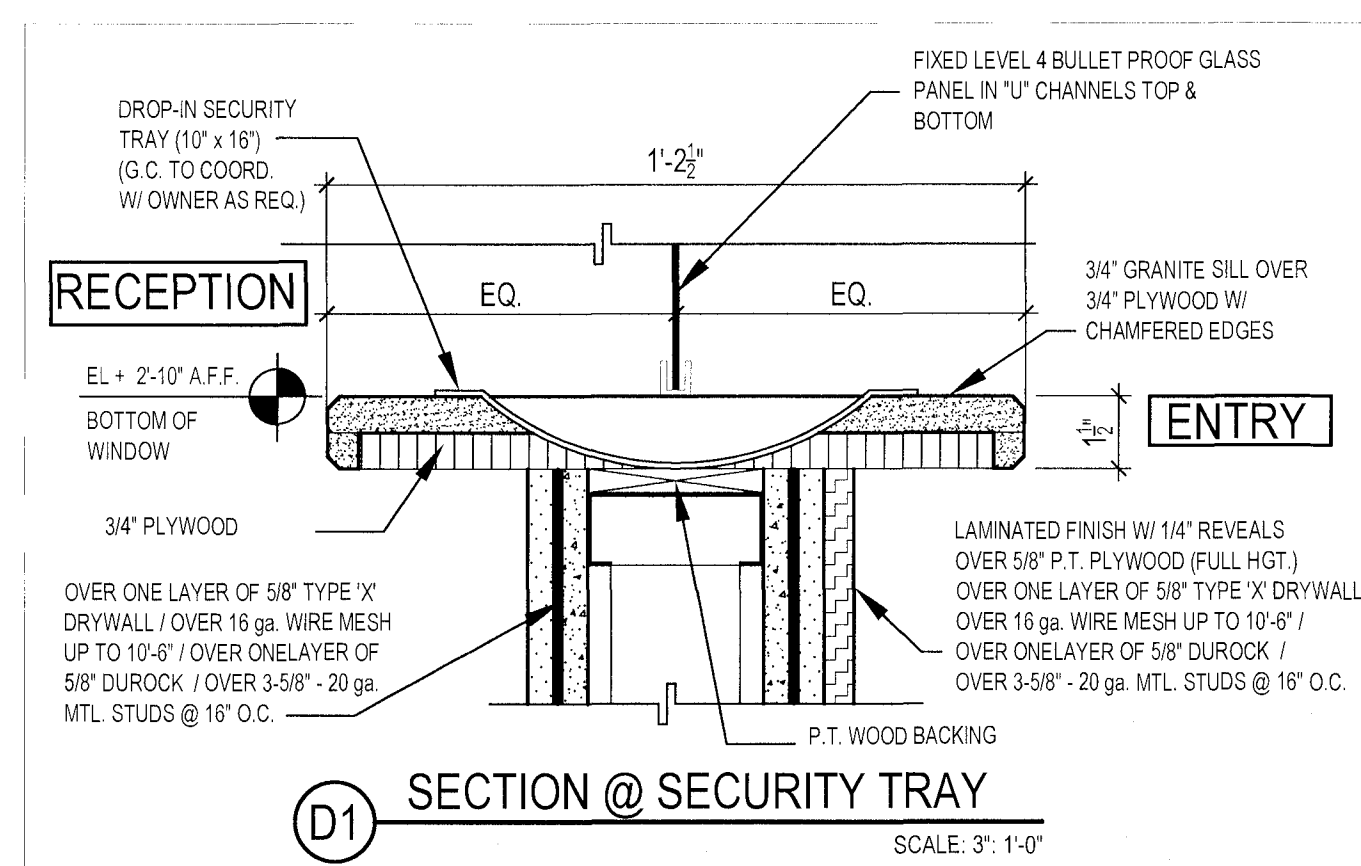
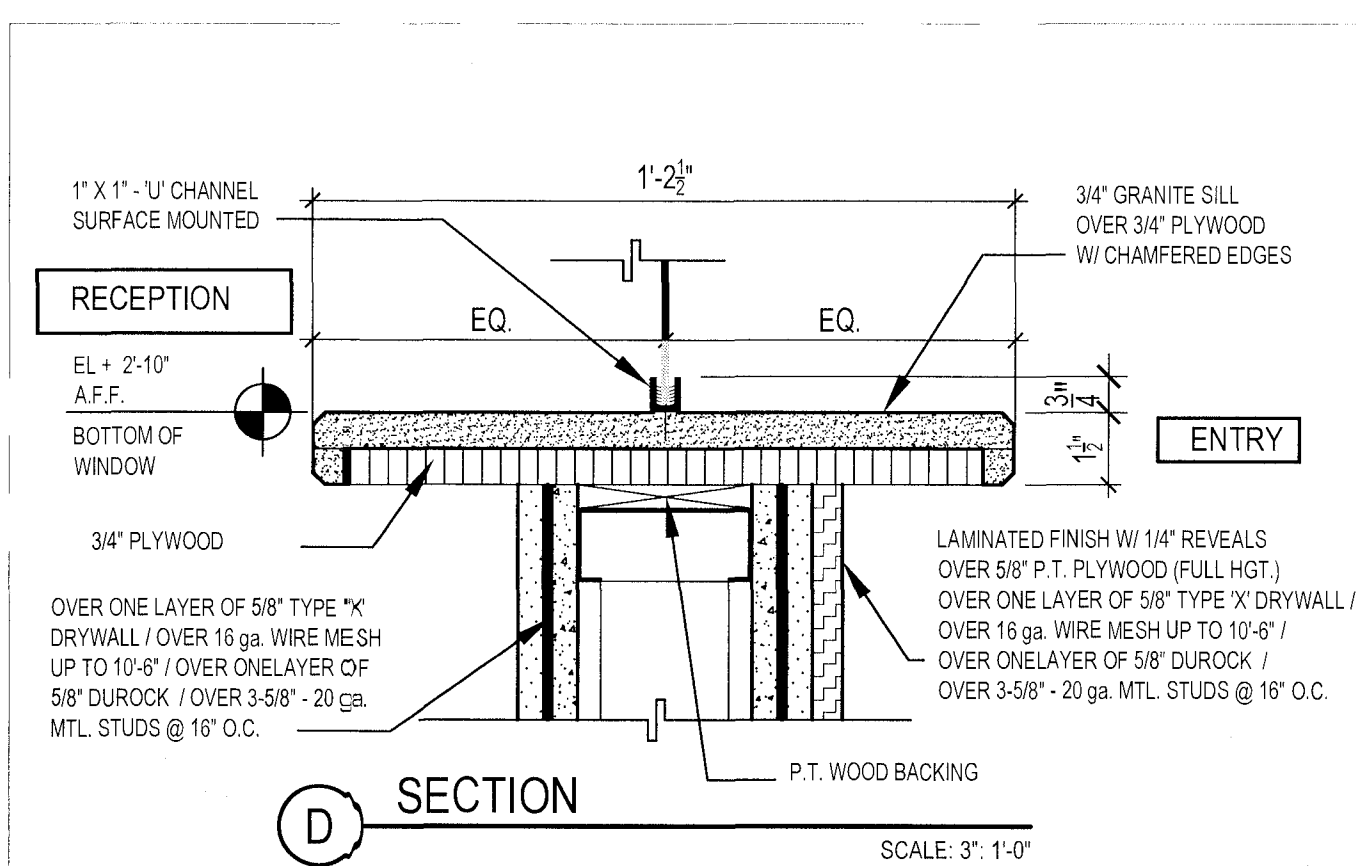
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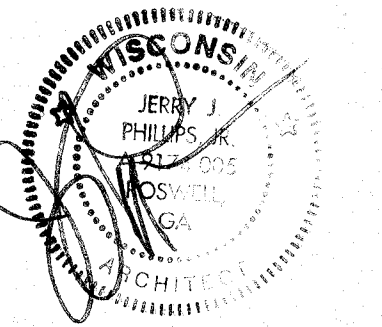
F RECESSED NICHE DETAIL - FOR WALL SURFACE MOUNTED LITEBOXES
PLEASE NOTE: ELECTRICAL OUTLET TO BE MOUNTED AT 66" AFF / REFER TO ELECTRICAL DRAWINGS
SCALE: 3/8"=1'-0"



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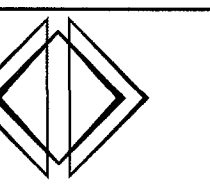
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DIAMONDS DIRECT
2600 N Mayfair RD
Wauwatosa, WI 53226

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DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402
ISSUE DATE 06/30/2023
DRAWN BY/CHECKED BY DT/GC
DRAWING TITLE

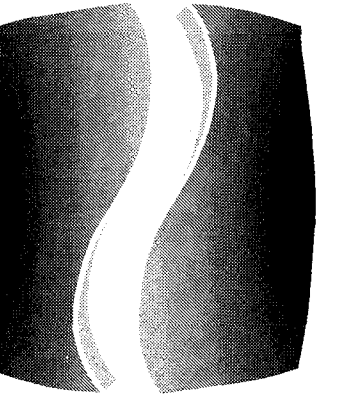
INTERIOR
ELEVATIONS

SHEET NUMBER

A-7.0

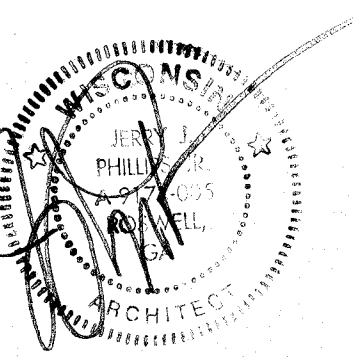
500 PEACHTREE DUNWOODY RD
BUILDING A SUITE 150
ATLANTA, GEORGIA 30328

ISSUED FOR CONSTRUCTION



PHILLIPS
CONSULTANT

SEAL



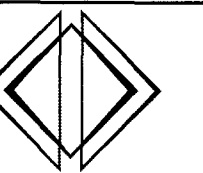
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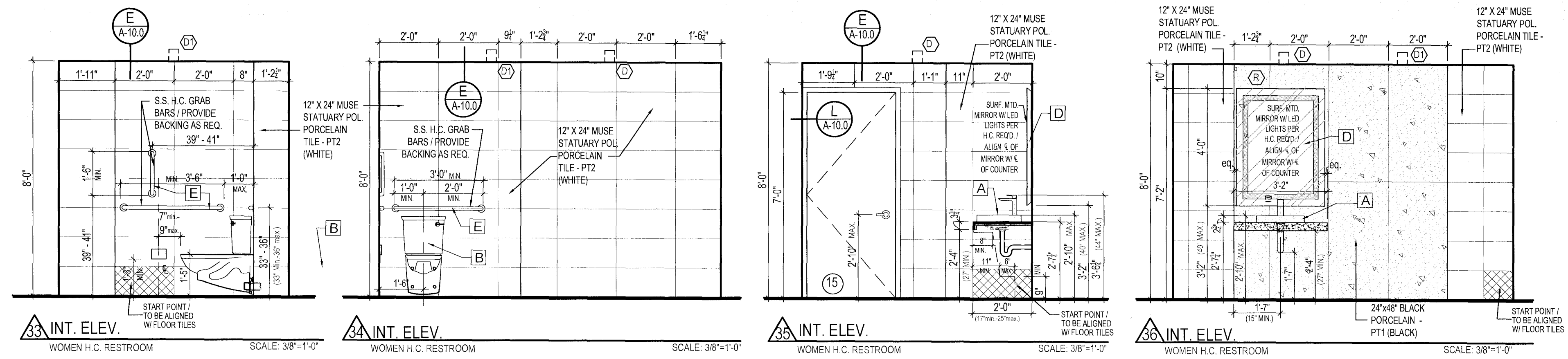
DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402
ISSUE DATE 06/30/2023
DRAWN BY/CHECKED BY DT/GC
DRAWING TITLE

INTERIOR
ELEVATIONS
SHEET NUMBER

A-8.0

5901 PEACHTREE PARKWAY, SUITE 450
ATLANTA, GEORGIA 30328

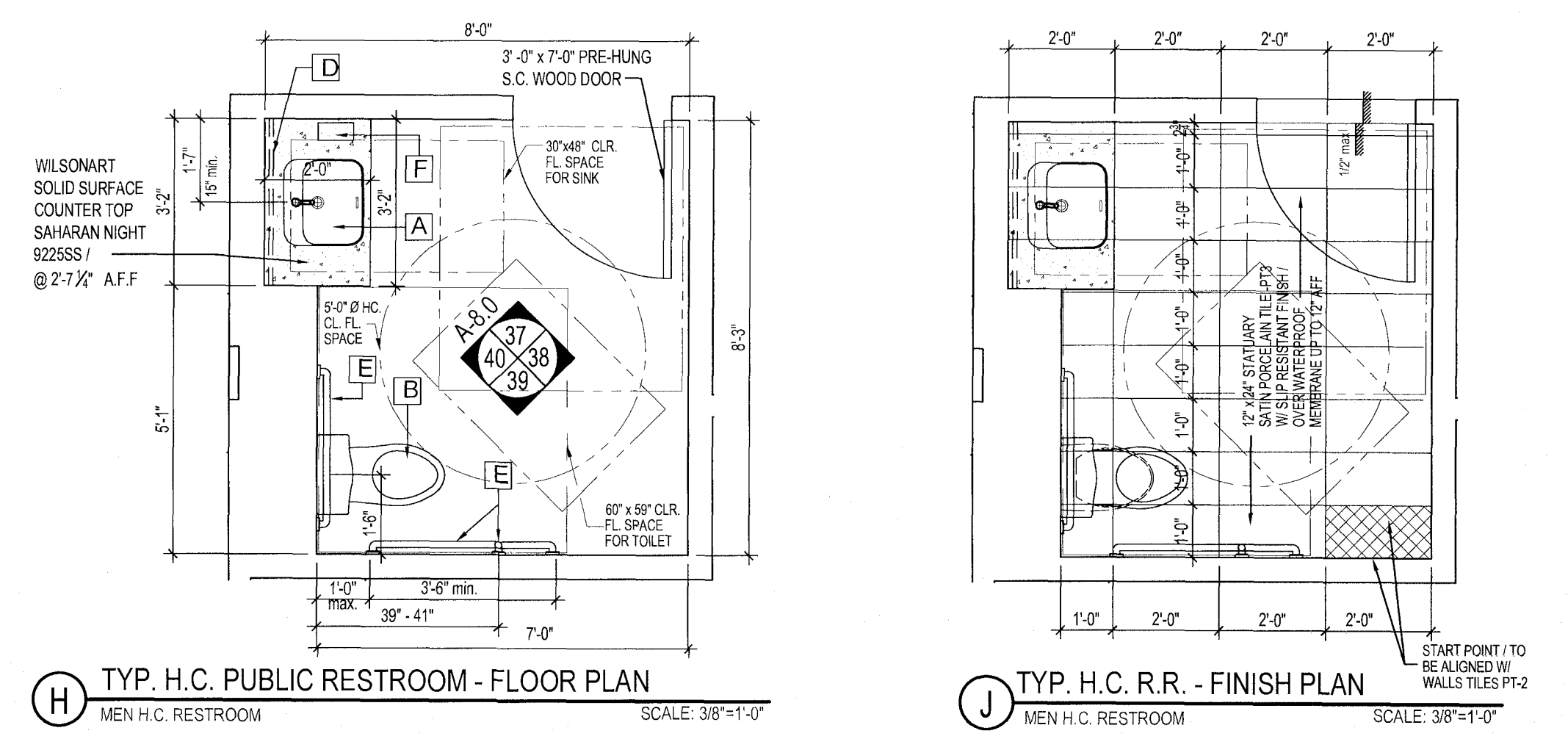
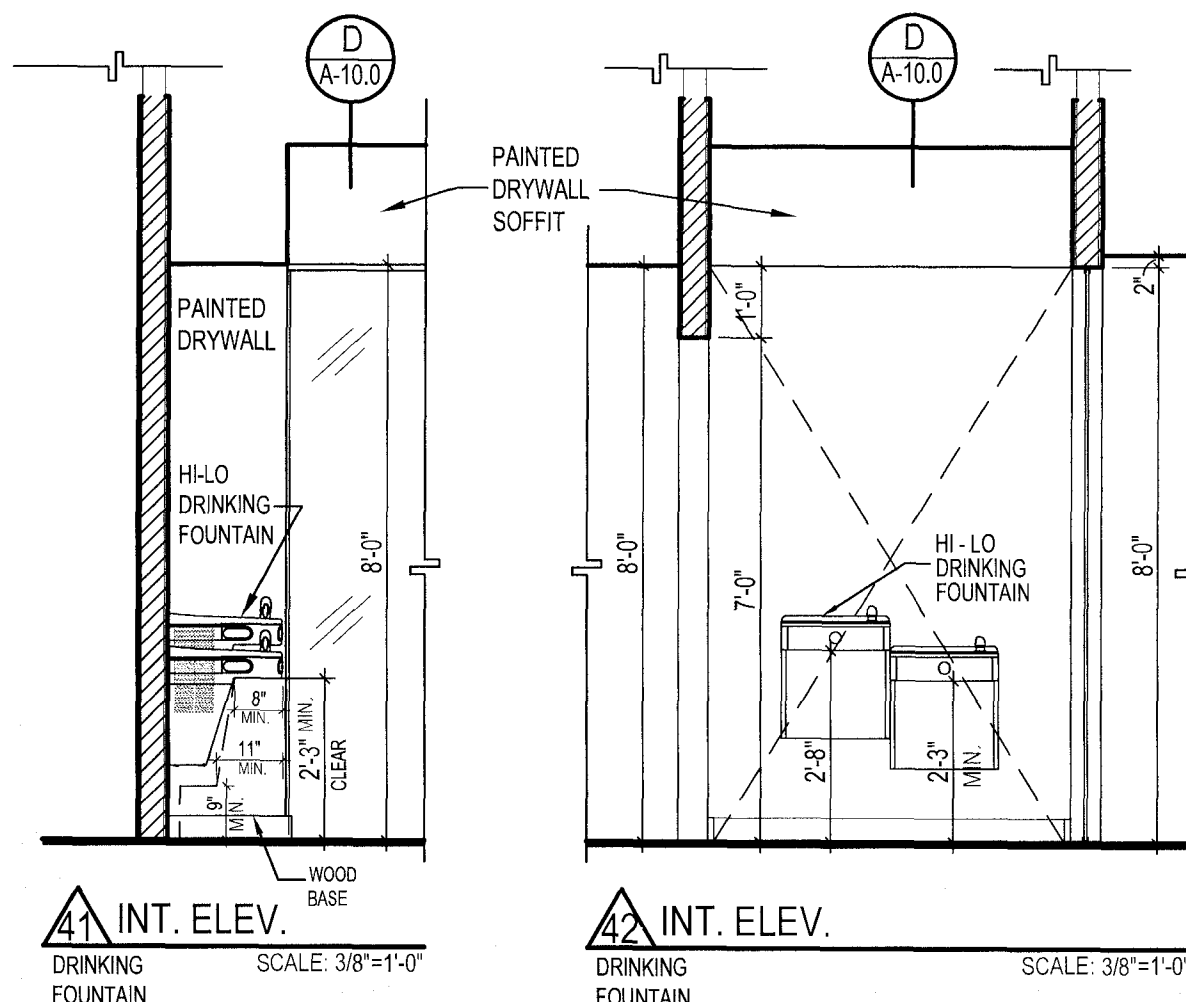
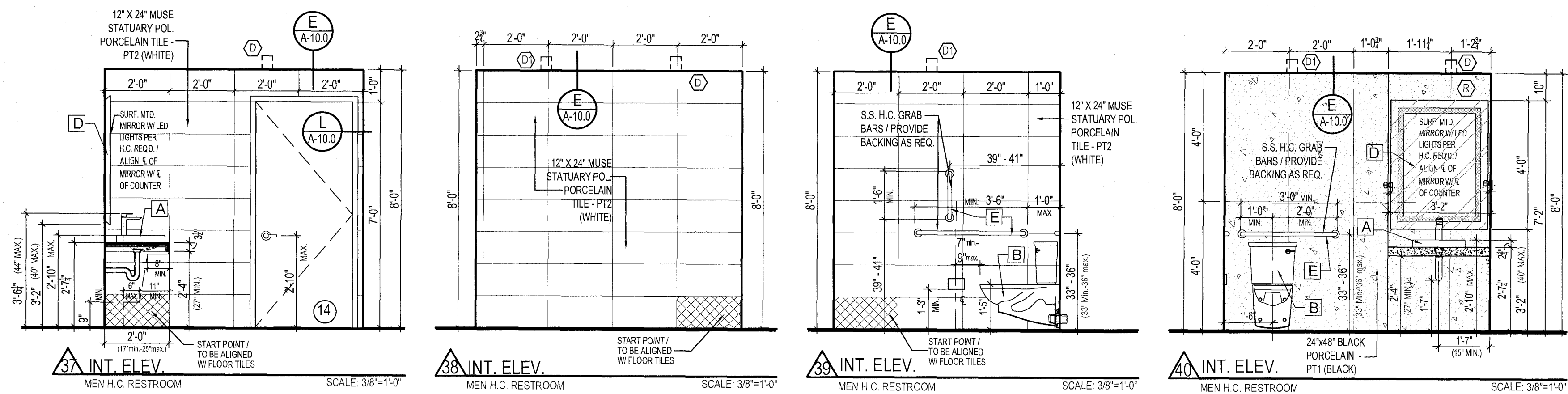
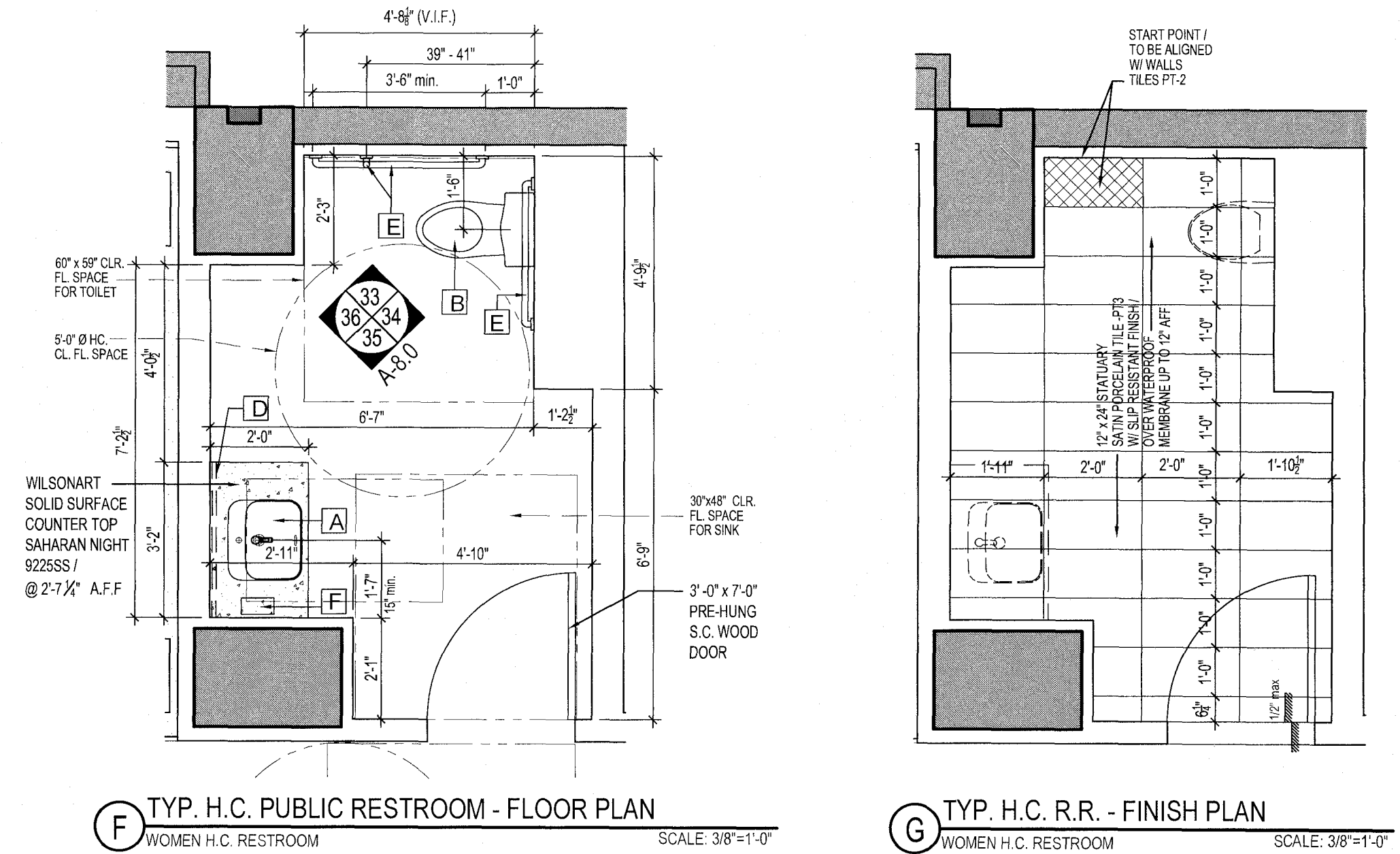


PUBLIC H.C. RESTROOMS / FINISH SCHEDULE	
TYPE	DESCRIPTION
FLOOR PT-3	12" x 24" PORCELAIN TILE / WHITE COLOR # 7710001-MUSE STATUARY SATIN / OVER WATER PROOF MEMBRANE W/ SLIP RESISTANT FINISH (TO BE ALIGNED W/ FLOOR TILES)
WALLS PT-1	24" x 48" PORCELAIN TILE / BLACK COLOR # 2600008 - SAHARA NOIR SO LAPP (TO BE INSTALLED VERTICAL)
WALLS PT-2	SIDE WALLS AND DOOR SIDE: (FULL HEIGHT) 12" x 24" PORCELAIN TILE / WHITE COLOR # 7710100-MUSE STATUARY POLISHED (TO BE ALIGNED W/ FLOOR TILES)
COUNTER TOP	WILSONART SOLID SURFACE COUNTER TOP - SAHARAN NIGHT 9225SS / G.C. TO PROVIDE BACKING AS REQUIRED & COORDINATE W/ MILLWORK SUBCONTRACTOR. REFER TO SINK'S MANUFACTURER FOR PROPER HEIGHT INSTALLATION FOR ADA COMPLIANCE. PROVIDE LAV-GUARD PROTECTIVE / INSULATION KIT. INSTALL AS PER MANUF. SPECIFICATIONS

PLUMBING & ACCESSORY FIXTURE SCHEDULE	
TYPE	DESCRIPTION
A LAVATORY	(SEMI-RECESSED SINK) ADA COMPLAINT / BY TOTO MODEL LT415G / ARVINA RECTANGLE VESSEL LAVATORY / COLOR: COTTON / G.C. TO PROVIDE BACKING AS REQUIRED
B WATER CLOSET	AMERICAN STANDARD 2882108 / COLOR: WHITE (VERIFY TRIP LEVER SIDE) GLENWALL VORMAX - TWO PIECE ELONGATED TOILET WALL HUNG BACK OUTLET GRABTY FLUSH TOILET CONFIGURATION ADA COMPLAINT (WHEN INSTALLED TRIP LEVER LOCATED ON THE APPROXIMATE SIDE - G.C. TO COORD. AS REQ.) SEAT: 5055ABSC ELONGATED SLOW CLOSE SOLID PLASTIC SUPPLY NOT INCLUDED - MUST BE ORDER SEPARATELY CARRIER FITTING TO BE PROVIDED BY G.C. REFER TO PLUMBING DWGS G.C. TO PROVIDE SUITABLE REINFORCEMENT FOR ALL SUPPORTS.
C TOILET PAPER HOLDER	TO BE SELECTED BY OWNER
D MIRROR	FRONT LIGHTED LED BATHROOM VANITY MIRROR - 35" W. X 48" H. (BY PARIS MIRROR - CAT # HARM4835000D) SURFACE MOUNTED - INSTALL PER H.C. REQ'D.
E GRAB BARS	STAINLESS STEEL
F PAPER TOWEL DISPENSER	TORK XPRESS COUNTERTOP MULTIFOLD HAND TOWEL DISPENSER 8" H x 13" W x 5" D
G COAT HOOK	TO BE SELECTED BY OWNER / ADA COMPLAINT

PLEASE NOTE:

VANITY COUNTER TOP WIDTH DIMENSION = 38" / G.C. TO V.I.F.
LED MIRROR MUST BE INSTALLED VERTICAL = 35" W x 48" H. G.C. MUST V.I.F. THAT MIRROR WIDTH WON'T PASS OUTSIDE THE EXTERIOR LINE OF VANITY COUNTER TOP. IN CASE THAT THE LED MIRROR IS WIDER THAN THE COUNTER TOP, G.C. MUST INFORM OWNER AND PROVIDE A 38" W x 48" H. STANDARD MIRROR W/ "J" MOLD ALL 4 SIDES, SAME WIDTH AS THE COUNTER TOP.



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#	DATE	DESCRIPTION
	07/20/2023	TI PERMIT SET

DIAMONDS DIRECT
2600 N Mayfair RD
Wauwatosa, WI 53226

DIAMONDS DIRECT

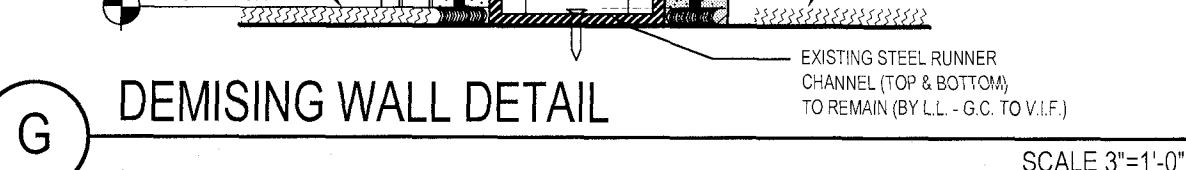
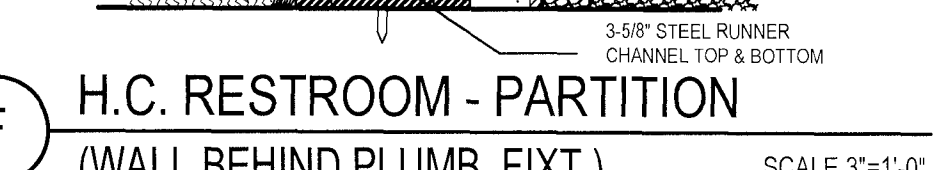
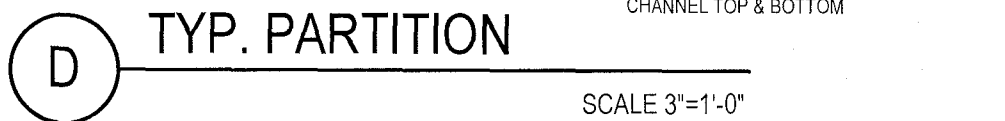
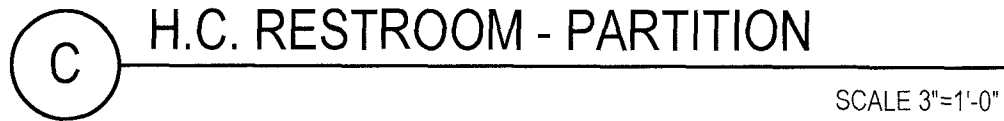
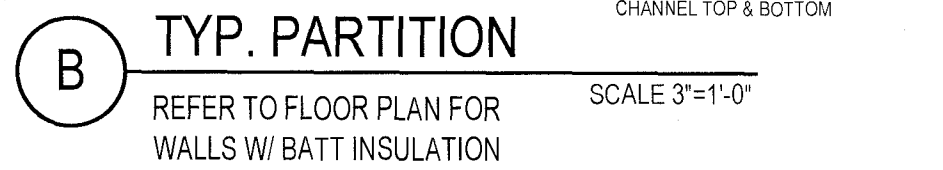
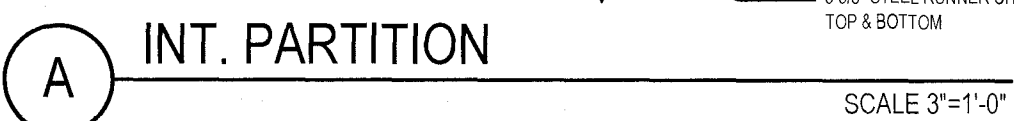
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ISSUE DATE _____ 06/30/2023
DRAWN BY/CHECKED BY _____ DT/GC
DRAWING TITLE _____

INTERIOR WALL SECTIONS

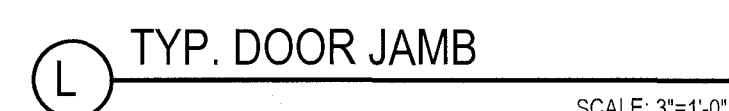
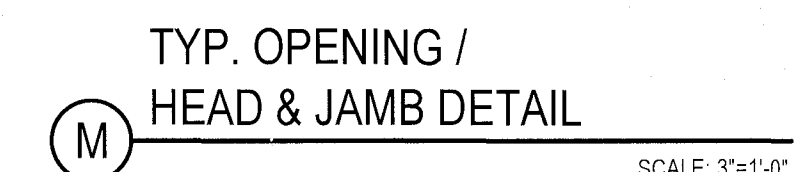
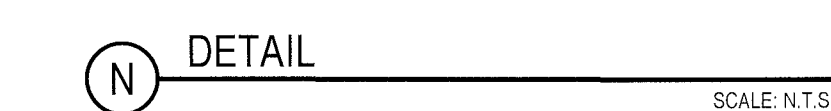
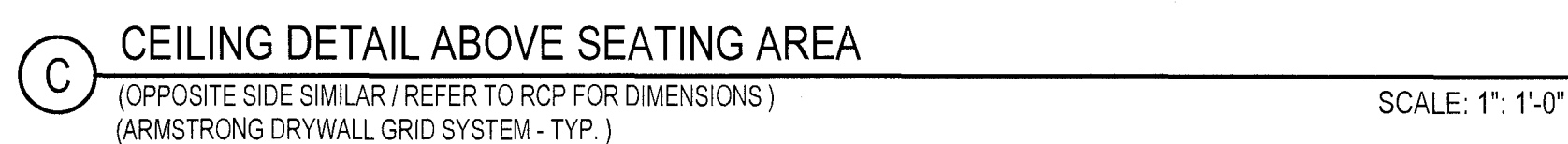
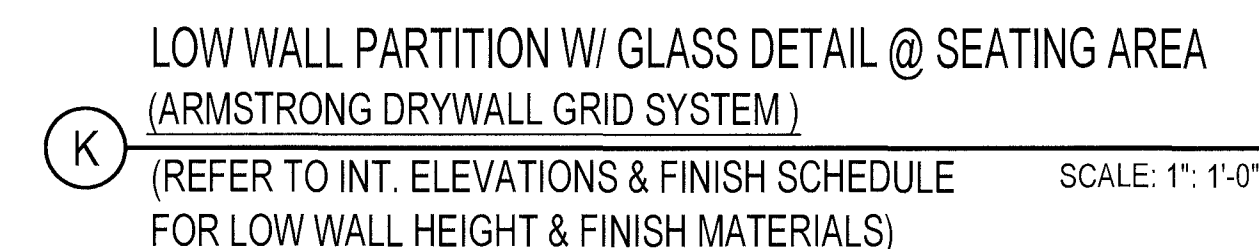
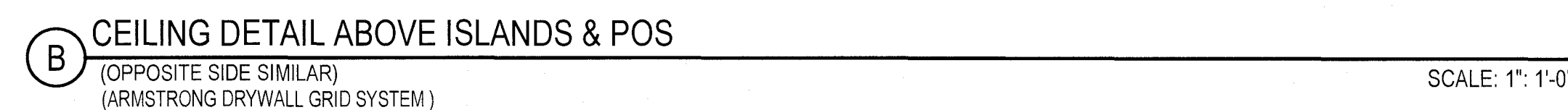
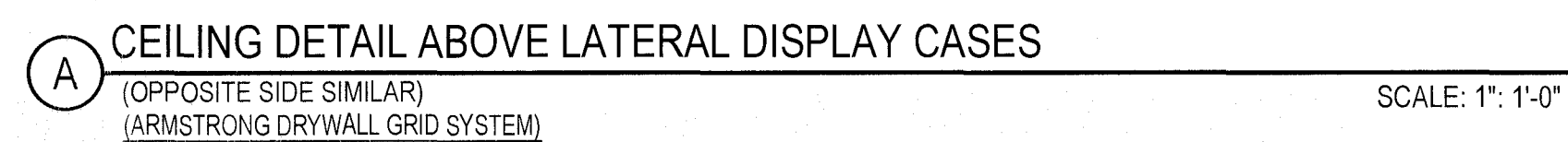
A-9.0

PO BOX 100000
BIRMINGHAM AL 35202
ATLANTA GEORGIA 30302

ISSUED



PO BOX 100000
BIRMINGHAM AL 35202
ATLANTA GEORGIA 30302

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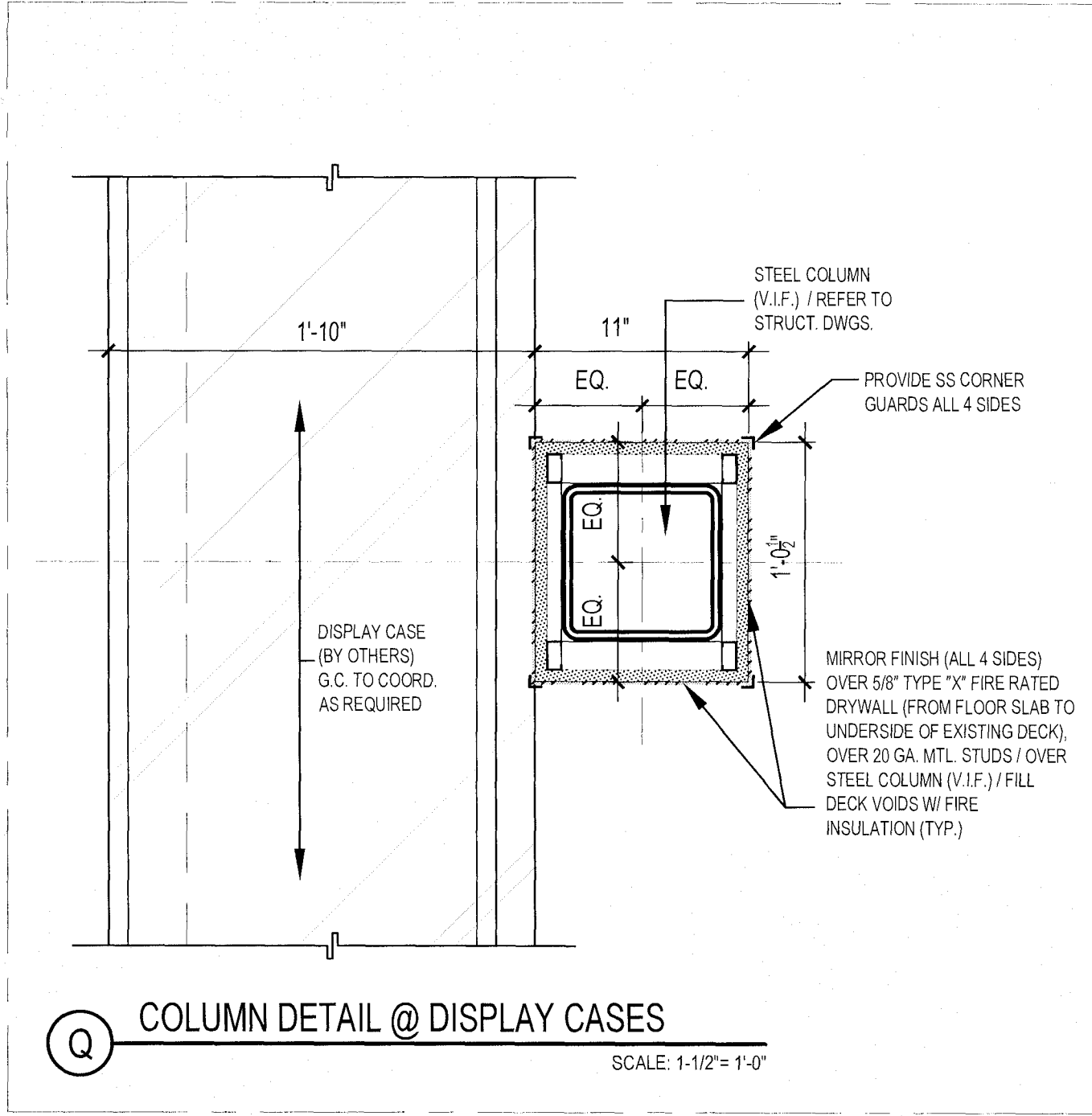
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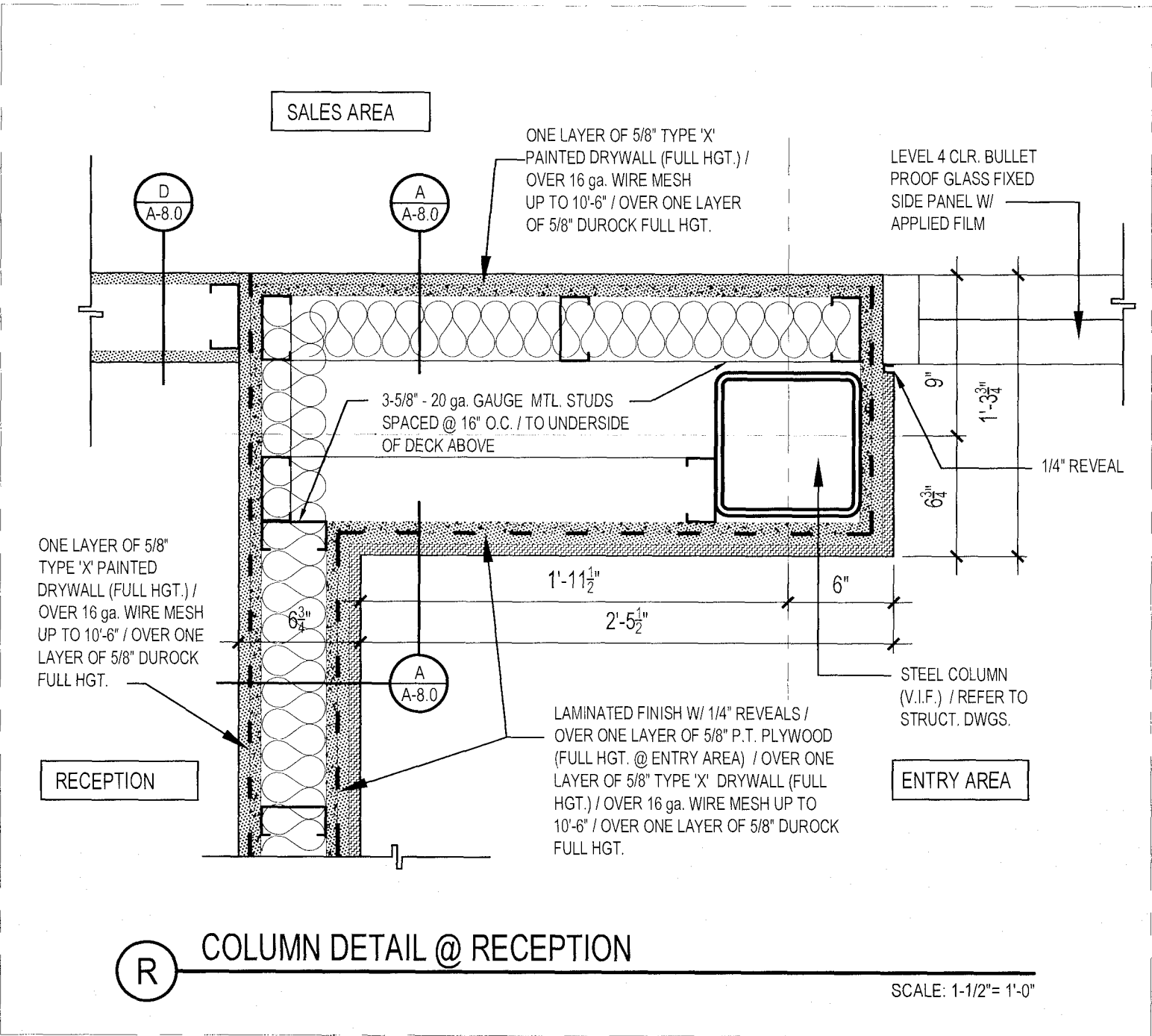


5901 PEACHTREE DUNWOODY RD
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30328

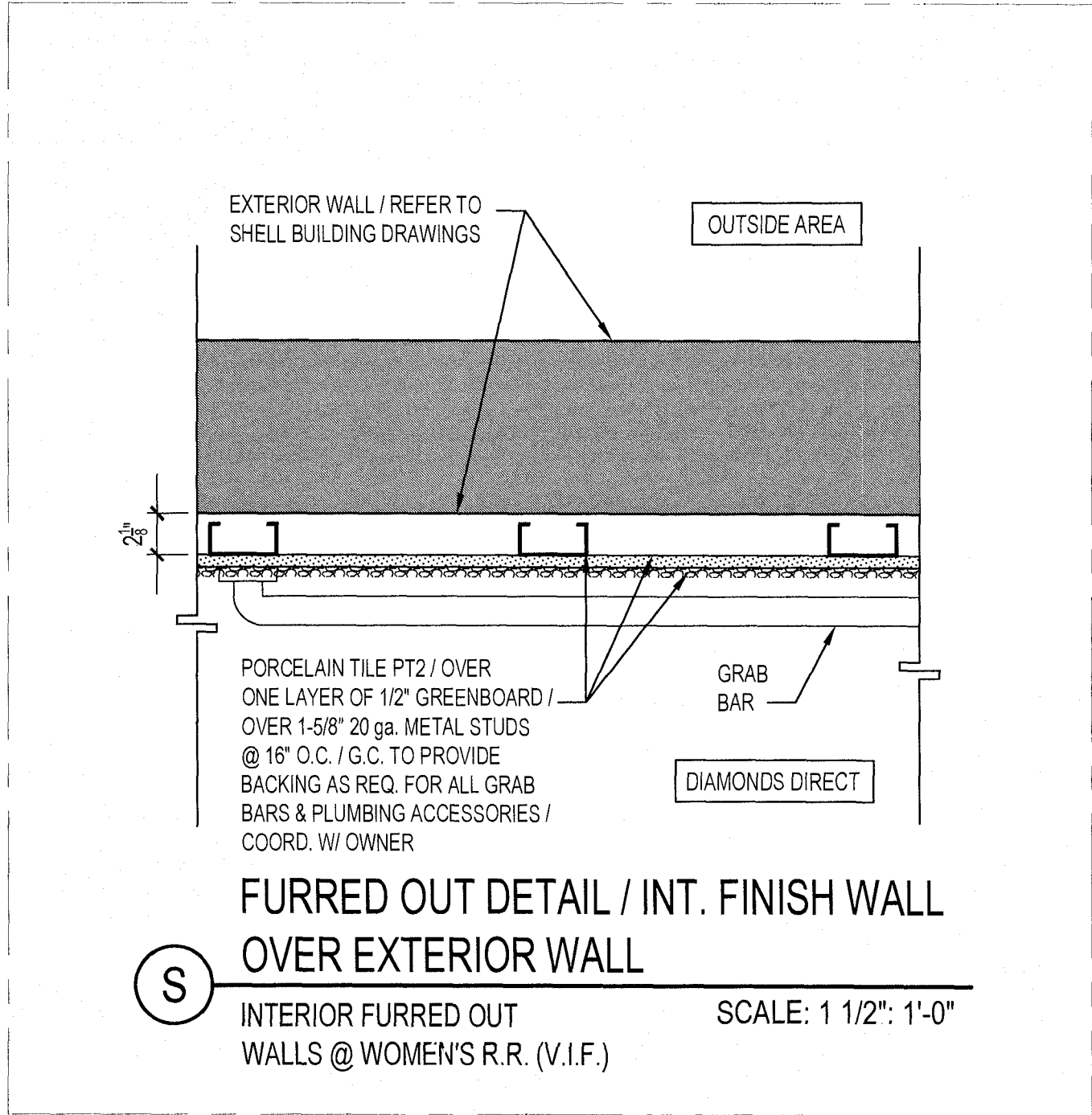
ISSUED FOR CONSTRUCTION



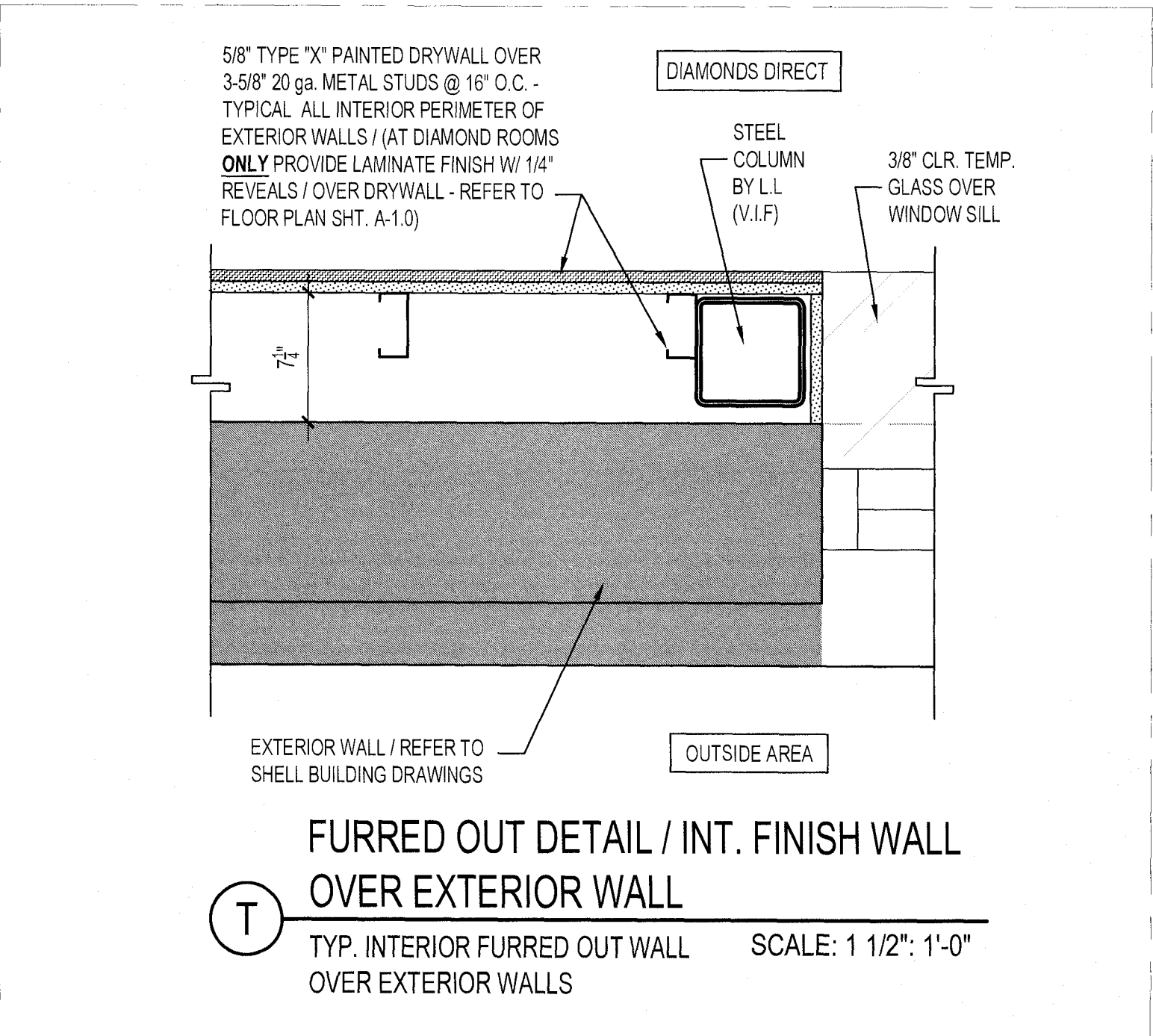
Q COLUMN DETAIL @ DISPLAY CASES
SCALE: 1-1/2" = 1'-0"



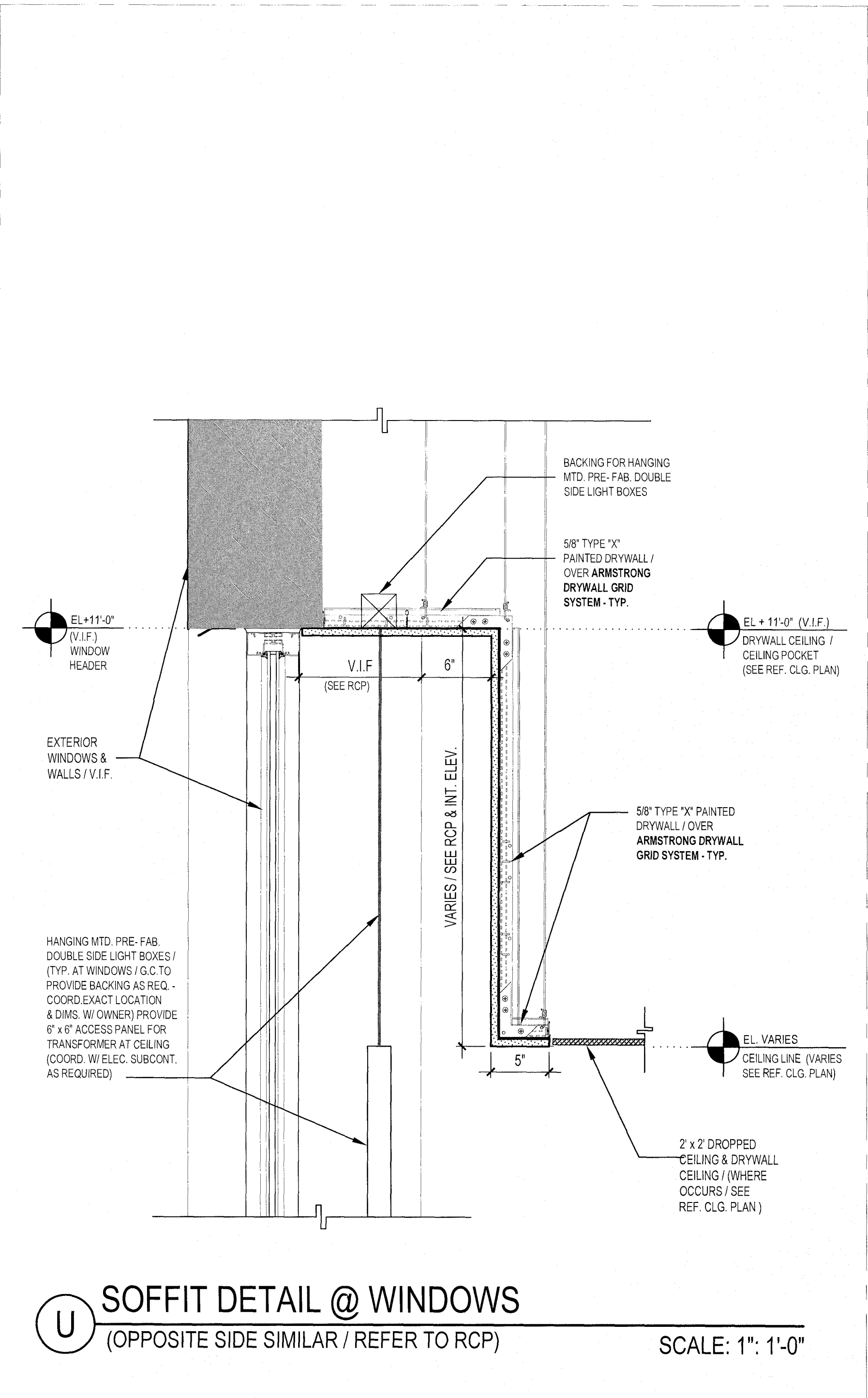
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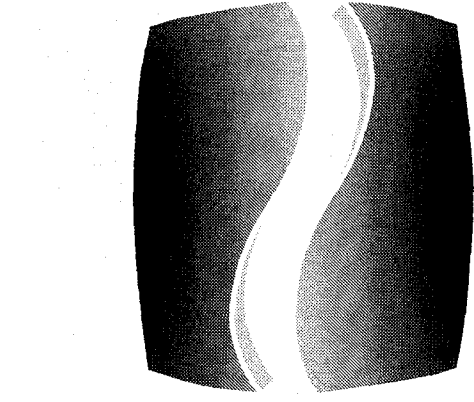
S FURRED OUT DETAIL / INT. FINISH WALL
OVER EXTERIOR WALL
INTERIOR FURRED OUT WALLS @ WOMEN'S R.R. (V.I.F.)
SCALE: 1 1/2": 1'-0"



T FURRED OUT DETAIL / INT. FINISH WALL
OVER EXTERIOR WALL
TYP. INTERIOR FURRED OUT WALL OVER EXTERIOR WALLS
SCALE: 1 1/2": 1'-0"

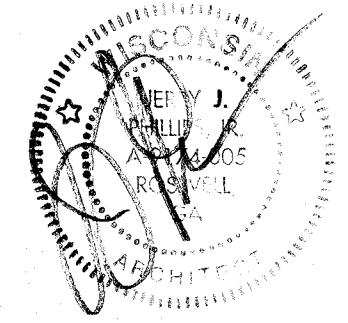


U SOFFIT DETAIL @ WINDOWS
(OPPOSITE SIDE SIMILAR / REFER TO RCP)
SCALE: 1": 1'-0"



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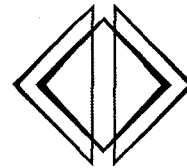
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PHILLIPS JOB NUMBER 2336402
ISSUE DATE 06/30/2023
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GENERAL DETAILS
SHEET NUMBER

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5901 PEACHTREE E. DUNWOODY RD.
BUILDING A, SUITE 400
ATLANTA, GEORGIA 30326

ISSUED FOR CONSTRUCTION

GRILLE/DIFFUSER SCHEDULE						
MARK	CFM	NECK SIZE	TYPE	MFG	MODEL	NOTES
A	0-100 101-200 201-400 401-600 601-800	6" 8" 10" 12" 14"	CEILING MOUNTED SQUARE SUPPLY DIFFUSER	TITUS	OMNI	1 - 5
B	0-125 126-250 251-400 401-600 601-900 901-1350 1351-2000	6X6 8X8 10X10 12X12 16X16 18X18 22X22	EGGORATE RETURN AIR GRILLE	TITUS	50F	1, 2, 4, 5
C	0-50 51-75 76-100	2 3 4	1" SLOT 48" LONG LINEAR SUPPLY DIFFUSER	TITUS	ML-39	4 - 8
D	0-85 86-120 121-160	2 3 4	1" SLOT 48" LONG LINEAR RETURN GRILLE	TITUS	MLR-39	4 - 8

- NOTES:
1. PROVIDE WITH OPPOSED BLADE BACKDRAFT DAMPER.
 2. PROVIDE 24X24 FULLY LOUVERED FACE LAYIN MODULE WHERE LOCATED IN LAYIN CEILING.
 3. PROVIDE SQUARE TO ROUND NECK TRANSITION WHERE APPLICABLE.
 4. COORDINATE BORDER TYPES WITH ARCHITECTURAL FLOOR PLAN AND REFLECTED CEILING PLAN.
 5. PROVIDE WITH WHITE FINISH.
 6. PROVIDE WITH TITUS MPI-39 48" LENGTH MODULINEAR INSULATED PLENUM.
 7. PROVIDE WITH DUEODYNE GGDOR INTERNAL ROUND GEAR DRIVEN CABLE OPERATED DAMPER.
 8. CFM PER LINEAR FOOT AND NUMBER OF SLOTS LISTED IN LIEU OF CFM AND NECK SIZE.

EXHAUST FAN SCHEDULE															
UNIT TYPE	IDENTIFIER	AREA SERVED	MANUFACTURER	MODEL	LOCATION	DRIVE	FAN TYPE	CFM	ESP IN WC	W	RPM	VOLTAGE	PHASES	NOTES	
EF	1	MEN	GREENHECK	SP-A90	CEILING	DIRECT	CEILING	70	0.25	15	900	120 V	1	1 - 3	
EF	2	WOMEN	GREENHECK	SP-A90	CEILING	DIRECT	CEILING	70	0.25	15	900	120 V	1	1 - 3	
EF	3	JAN	GREENHECK	SP-A90	CEILING	DIRECT	CEILING	70	0.25	15	900	120 V	1	1 - 3	
EF	4	JEWELERS WORK AREA	GREENHECK	SP-A510-VG	CEILING	DIRECT	CEILING	500	0.30	119	1500	120 V	1	1, 3, 4	

- NOTES:
1. PROVIDE WITH FAN SPEED CONTROLLER, BACKDRAFT DAMPER, AND DISCONNECT SWITCH.
 2. FAN SHALL BE INTERLOCKED WITH LIGHT SWITCH(ES) IN ROOM.
 3. GREENHECK IS THE BASIS OF DESIGN.
 4. FAN SHALL BE INTERLOCKED WITH RTU-1.

VENTILATION REQUIREMENT SCHEDULE															
SERVED BY	ROOM	SPACE TYPE	NUMBER OF PEOPLE	OUTDOOR AIRFLOW RATE REQ'D PER PERSON (R _p)	AREA (sf)	OUTDOOR AIRFLOW RATE REQ'D PER SF (R _s)	R _p x P _z	R _s x A _z	BREATHING ZONE OUTDOOR AIRFLOW (V _{bz})	AIR DISTRIBUTION CONFIGURATION	ZONE AIR DIST. EFFECT. (E _z)	ZONE OUTDOOR AIRFLOW (V _{oz} =V _{bz} /E _z)	TOTAL OUTDOOR AIR INTAKE REQ'D (V _{ot})	TOTAL OUTDOOR AIR INTAKE PROVIDED	
RTU-1 (EX)	BACK CORRIDOR	CORRIDORS	0	0	315	0.06	0	19	19	CEILING SUPPLY OF WARM AIR 15°F OR MORE ABOVE SPACE TEMPERATURE AND CEILING RETURN	0.8	262	262	280	
	CLERICAL STATIONS	OFFICE SPACE	7	5	514	0.06	35	31	66						
	EMPLOYEE LOUNGE	BREAK ROOMS (GENERAL)	3	5	121	0.06	15	8	23						
	JEWELERS WORK AREA	WOOD/METAL SHOP	1	10	195	0.18	10	36	46						
	MECH/ELEC	ELECTRICAL EQUIPMENT RM	0	0	147	0.06	0	9	9						
	STORAGE	STORAGE ROOMS	0	0	102	0.12	0	13	13						
	STORAGE	STORAGE ROOMS	0	0	61	0.12	0	8	8						
	VAULT	BANK VAULTS/SAFE DEPOSIT	1	5	143	0.06	5	9	14						
	GIFT WRAP	OFFICE SPACE	1	5	97	0.06	5	6	11						
								UNIT TOTAL	209						
RTU-2 (EX) and RTU-3 (EX)	MAIN SALES AREA	SALES (EXCEPT AS BELOW)	46	7.5	3047	0.12	345	366	711	CEILING SUPPLY OF WARM AIR 15°F OR MORE ABOVE SPACE TEMPERATURE AND CEILING RETURN	0.8	1102	1102	1205	
	SEATING AREA	RECEPTION AREAS	6	5	195	0.06	30	12	42						
	DIAMOND ROOM 1	OFFICE SPACE	1	5	116	0.06	5	7	12						
	DIAMOND ROOM 2	OFFICE SPACE	1	5	116	0.06	5	7	12						
	DIAMOND ROOM 3	OFFICE SPACE	1	5	116	0.06	5	7	12						
	DIAMOND ROOM 4	OFFICE SPACE	1	5	147	0.06	5	9	14						
	ENTRY AREA	RECEPTION AREAS	4	5	147	0.06	20	9	29						
	RECEPTION	RECEPTION AREAS	3	5	116	0.06	15	7	22						
	KIDS ROOM	SPORTS ARENA (PLAY AREA)	4	0	90	0.3	0	27	27						
	MEN	NONE	0	0	74	0	0	0	0						
	WOMEN	NONE	0	0	61	0	0	0	0						
								UNIT TOTAL	881						
NOTE: 1. REQUIRED OUTSIDE AIR CFM VALUES BASED ON ANSI/ASHRAE STANDARD 62.1-2019.															

DUCTLESS SPLIT SYSTEM SCHEDULE																					
UNIT LABEL	AREA SERVED	MANUFACTURER	MODEL	MOUNTING LOCATION	NOM. TONS	COOLING CAPACITY		INDOOR UNIT					OUTDOOR UNIT							SEER [EER]	NOTE(S)
						TC (MBH)	SC (MBH)	FAN			MCA (A)	WEIGHT (LBS)	CONDENSER FAN(S)	COMPRESSOR(S)	VOLTAGE (V)	PHASE	MCA	MOCP	WEIGHT (LBS)		
								TOTAL CFM	W	V/Ø			QTY.	QTY.							
DSS-1/DCU-1	TECH. ROOM, MECHANICAL/ELECTRICAL, COMP./TEL	MITSUBISHI	PKA-A12HA6 / PUY-A12NHA6	WALL	1.0	12	9	320	30	208/1	0.33	28	1	1	208 V	1	13	15	85	15.2 [10.7]	1 - 5

- NOTES:
1. PROVIDE WITH R-410A REFRIGERANT.
 2. PROVIDE WITH DISCONNECT AND PROVIDE WITH THERMAL EXPANSION VALVE (TXV).
 3. PROVIDE WITH CRANKCASE HEATER, FILTER DRYER, ANTI-SHORT CYCLE KIT AND TIME DELAY RELAY.
 4. PROVIDE ACCESSORIES FOR UNIT TO OPERATE IN LOW AMBIENT CONDITIONS (DOWN TO 40°F).
 5. REFRIGERANT LINESET SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO PROVIDE LONG LINE SET AND IT WHERE REQUIRED BY MANUFACTURER. CONTRACTOR TO INCLUDE LINE SET SIZES AND LONG LINE SET ACCESSORIES (IF REQUIRED) IN SHOP DRAWINGS FOR REVIEW.

ISSUED FOR CONSTRUCTION



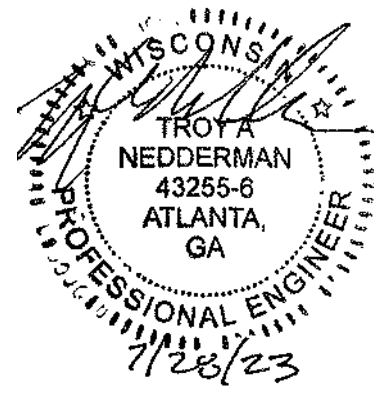
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PROJECT

DIAMONDS DIRECT

2600 N Mayfair RD
Wauwatosa, WI 53226

CLIENT



DIAMONDS DIRECT

PHILLIPS JOB NUMBER

2336402

ISSUE DATE

06/30/2023

DRAWN BY/CHECKED BY

RHR / TAN

DRAWING TITLE

SCHEDULES - HVAC

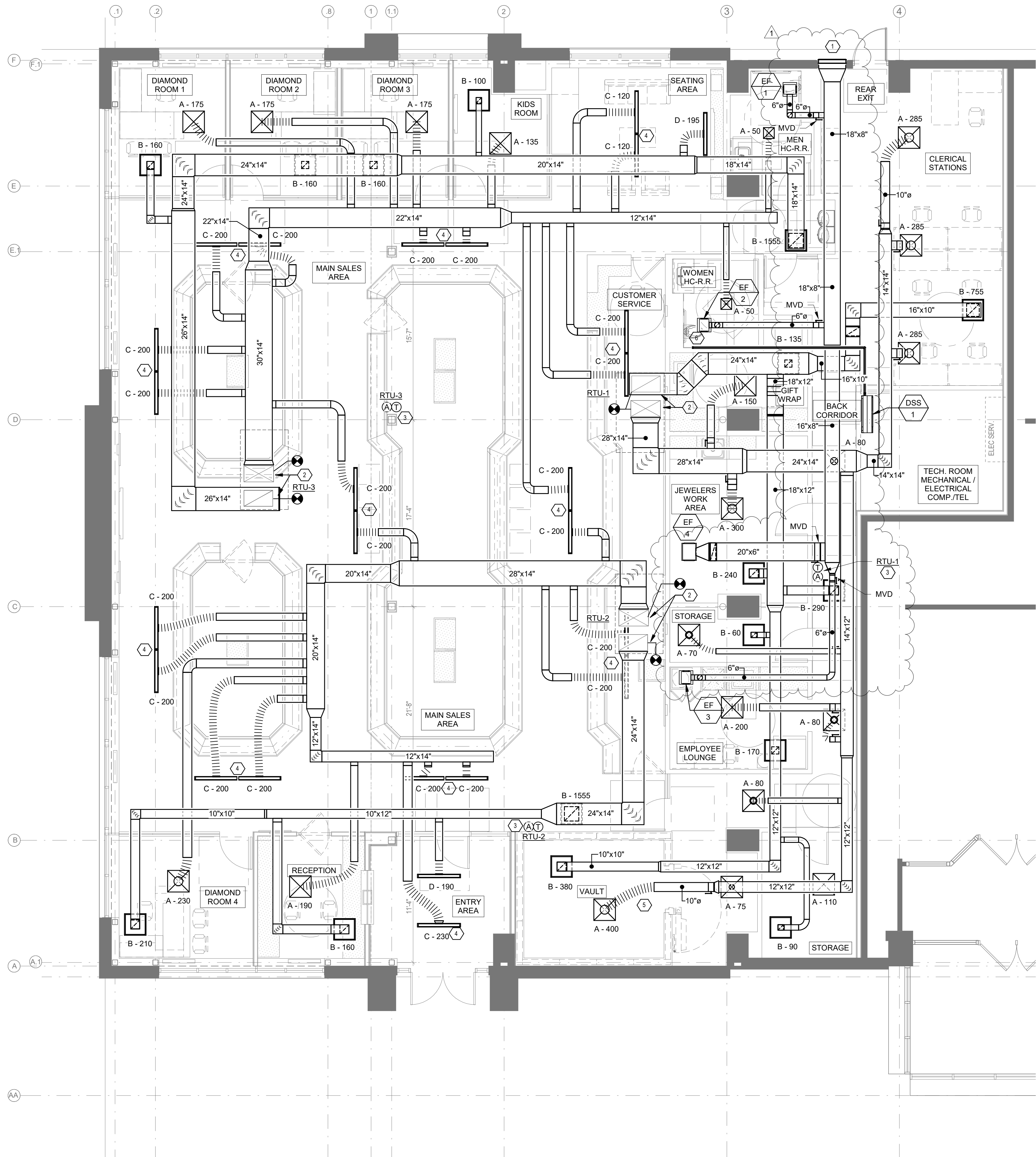
SHEET NUMBER

M0.00

5901 PEACHTREE DUNWOODY RD.
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30328

PHILLIPSPART.COM

770-394-1616



1 FLOOR PLAN - HVAC
M1.10 3/16" = 1'-0"

KEYED NOTES:

- 18X8 EXHAUST DUCT TO 30X18 SIDEWALL LOUVER (GREENHECK ESD-435 OR SIMILAR). MAINTAIN 3 FEET FROM OPERABLE OPENINGS AND 10 FEET FROM ALL OUTSIDE AIR INTAKES.
- CONNECT TO EXISTING SA AND RA DROPS FROM EXISTING RTU ON ROOF. INTERNALLY LINE THE FIRST 10' OF DUCT FROM THE EXISTING UNIT. REBALANCE TO CFMS INDICATED.
- MOUNT PROGRAMMABLE THERMOSTAT AT 42" A.F.F. COORDINATE EXACT LOCATION WITH ARCH PRIOR TO INSTALLATION. PROVIDE CONTROL WIRING FROM THERMOSTAT TO ASSOCIATED ROOFTOP AIR HANDLING UNIT AND CONNECT. PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET FOR SMOKE DETECTOR MOUNTED AT 42" A.F.F. ALIGN ANNUNCIATOR WITH THERMOSTAT SENSOR WHERE APPLICABLE. COORDINATE EXACT LOCATION OF NEW THERMOSTAT WITH ARCH PRIOR TO INSTALLATION.
- PROVIDE CABLE OPERATED DAMPER. REFER TO DETAIL 1/M4.01
- VERIFY SUPPLY AND RETURN AIR TERMINAL REQUIREMENTS WITH VAULT SUPPLIER AND INSTALLER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE REQUIREMENTS, LOCATION, AND ELEVATION PRIOR TO CONSTRUCTION. CONNECT AIR TERMINALS TO SUPPLY AND RETURN AIR MAIN.
- ROUTE REFRIGERANT LINES FROM AHU UP TO CONDENSER ON ROOF. REFER TO M3.10 FOR CONTINUATION.

GENERAL NOTES:

- OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT. THE DIMENSIONS OF WHICH MAY AFFECT INSTALLATION. USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO ENSURE MINIMUM CLEARANCES ARE MAINTAINED.
- ANY WALLS, CEILINGS, EQUIPMENT, ETC., DAMAGED BY THE CONTRACTOR IN CONSTRUCTION OF THIS PROJECT SHALL BE REPAIRED, RESTORED AND/OR REPLACED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION, OR TO PERFORM ITS INTENDED FUNCTION, AT NO ADDITIONAL COST TO OWNER.
- ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. REPAIR, CLEAN, AND REPLACE EXISTING EQUIPMENT, DEVICES, AND DUCTWORK AS NEEDED.
- SPIN SIZES SHALL BE EQUAL TO DIFFUSER CONNECTION SIZE. SEE DIFFUSER SCHEDULE.

ABBREVIATIONS - MECHANICAL

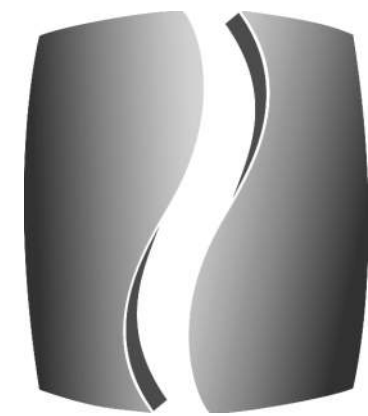
ACC	ABOVE ACCESSIBLE CEILING
ACT	ABOVE COUNTER TOP
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALUM	ALUMINUM
APR	AIR PRESSURE RESISTANT
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
BTU	BRITISH THERMAL UNIT
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CONT	CONTINUATION
CU	CONDENSING UNIT
EF	EXHAUST FAN
EXIST	EXISTING
FD	FIRE DAMPER
FL	FLOOR
FPM	FEET PER MINUTE
GALV	GALVANIZED
HP	HORSEPOWER

ABBREVIATIONS - MECHANICAL

MACU	MAKE UP AIR CONDENSING UNIT
MAU	MAKE UP AIR UNIT
MEZZ	MEZZANINE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NTS	NOT TO SCALE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
SD	SMOKE DETECTOR
SS	STAINLESS STEEL
T, TSTAT	THERMOSTAT
TEMP	TEMPERATURE
TYP	TYPICAL
UC	3/4" DOOR UNDERCUT
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
WC	WATER COLUMN
WG	INCH WATER GAUGE

HVAC LEGEND:

- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- EXHAUST AIR GRILLE
- RIGID DUCTWORK (WIDTH/DEPTH)
- FLEX DUCTWORK (DIAMETER)
- ELBOW WITH TURNING VANES
- MANUAL VOLUME DAMPER
- DUCT MOUNTED SMOKE DETECTOR
- THERMOSTAT
- CONNECT TO EXISTING
- LIMIT OF DEMOLITION



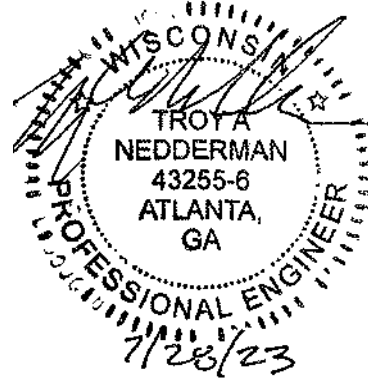
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Wauwatosa, WI 53226

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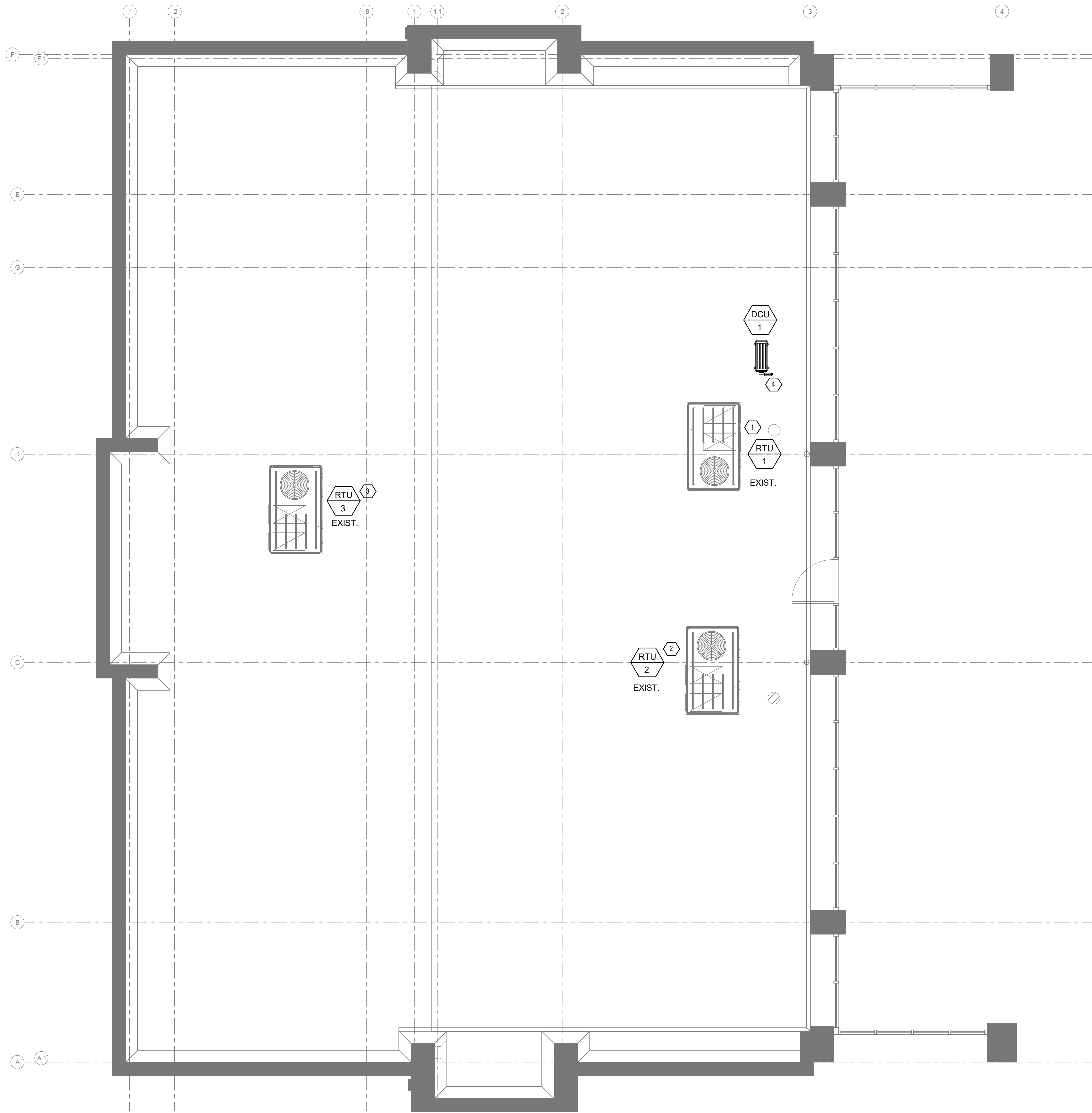
FLOOR PLAN - HVAC

SHEET NUMBER

M1.10

5901 PEACHTREE DUNWOODY RD.
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30328
PHILLIPSPART.COM 770-394-1616

ISSUED FOR CONSTRUCTION



1
M3.10

ROOF PLAN - HVAC
3/16" = 1'-0"

KEYED NOTES:

- EXISTING 7.5 TON RTU TO REMAIN. BALANCE TO 3000 CFM. SUPPLY AIR AND 670 CFM OF OUTSIDE AIR. CLEAN SERVICE UNIT AND REPORT ANY DEFICIENCIES WITH THE OWNER / ARCHITECT / ENGINEER.
- EXISTING 7.5 TON RTU TO REMAIN. BALANCE TO 2650 CFM. SUPPLY AIR AND 535 CFM OF OUTSIDE AIR. CLEAN SERVICE UNIT AND REPORT ANY DEFICIENCIES WITH THE OWNER / ARCHITECT / ENGINEER.
- EXISTING 7.5 TON RTU TO REMAIN. BALANCE TO 2400 CFM. SUPPLY AIR AND 280 CFM OF OUTSIDE AIR. CLEAN SERVICE UNIT AND REPORT ANY DEFICIENCIES WITH THE OWNER / ARCHITECT / ENGINEER.
- REFRIGIERANT LINES FROM CONDENSER THRU ROOF TO DUCTLESS AHU BELOW. REFER TO M1.10 FOR CONTINUATION.

ISSUED FOR CONSTRUCTION



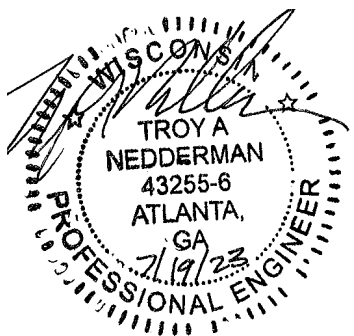
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ROOF PLAN - HVAC

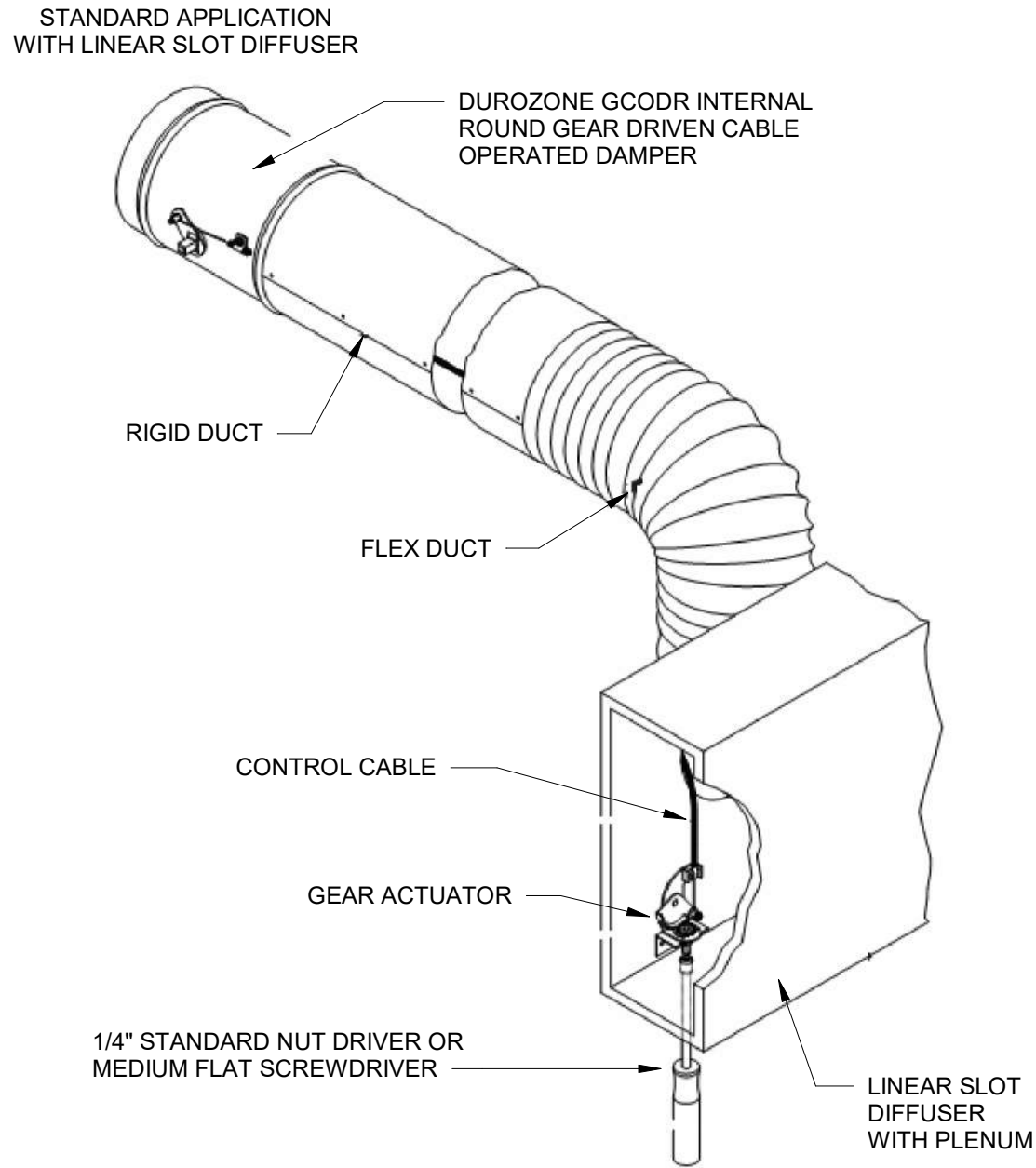
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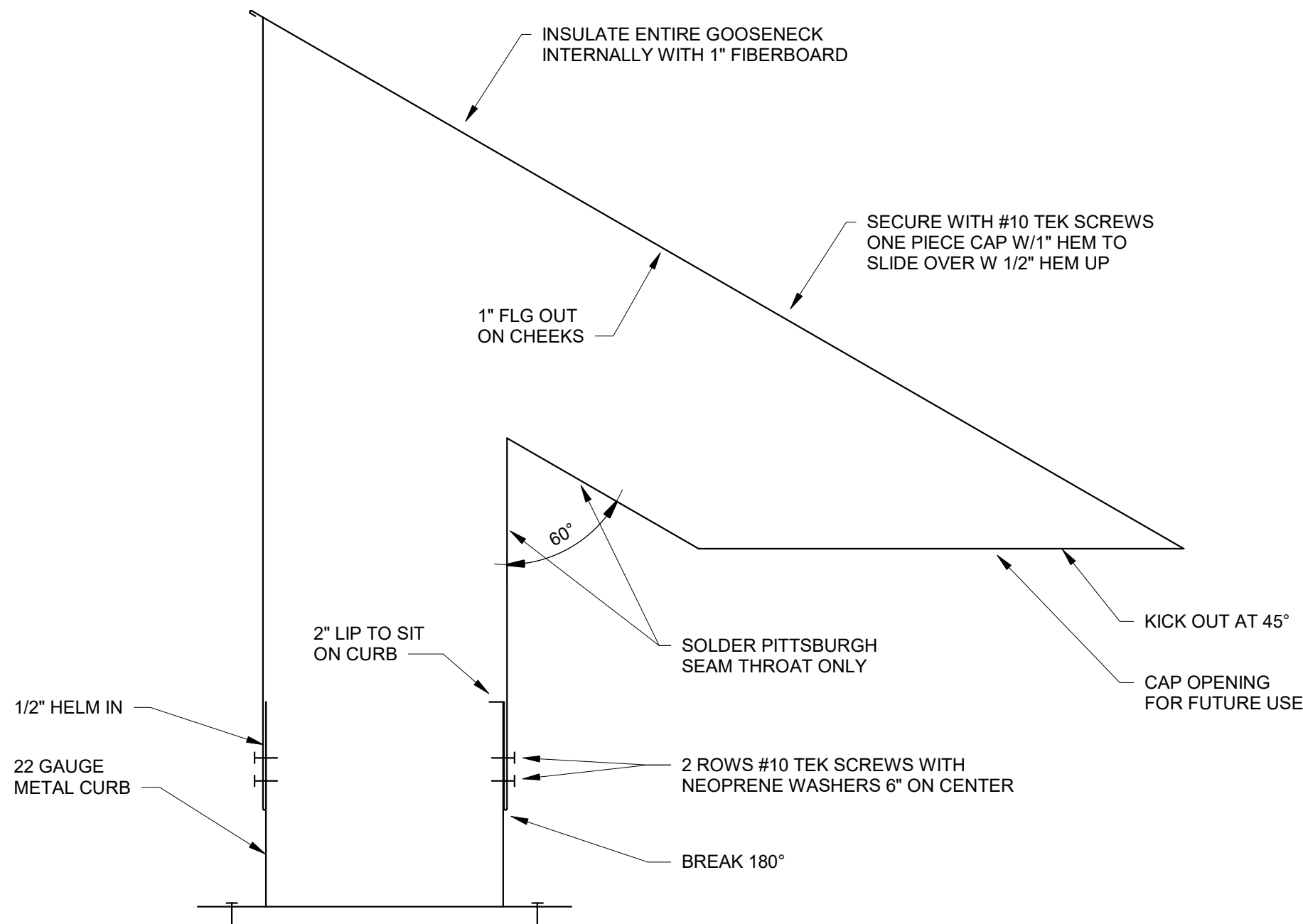
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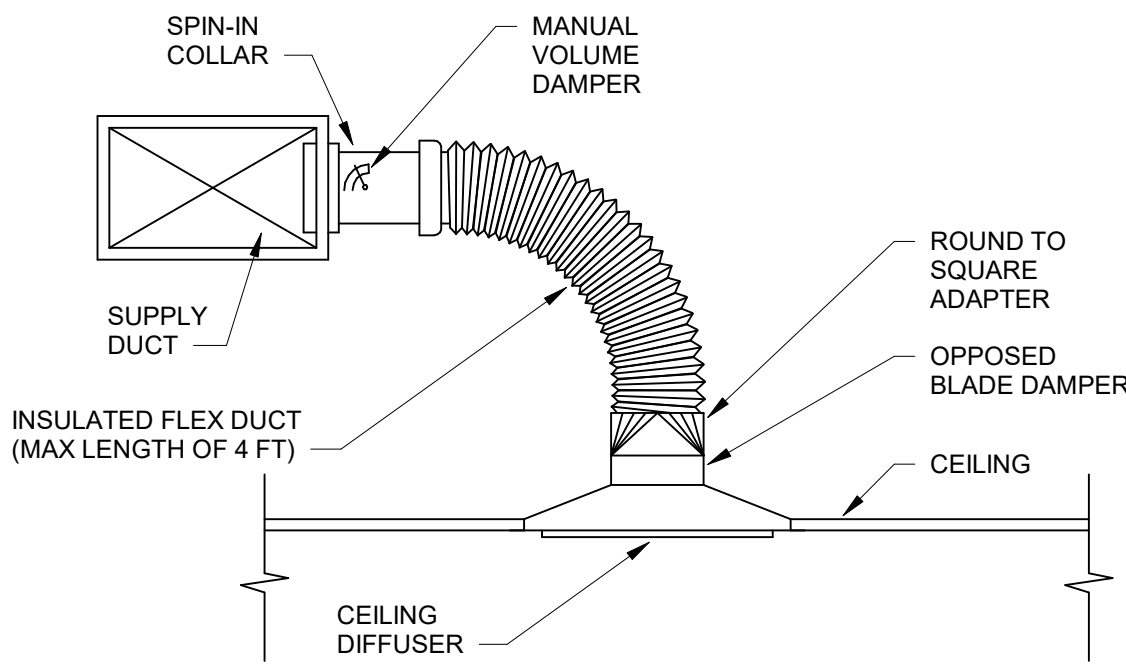
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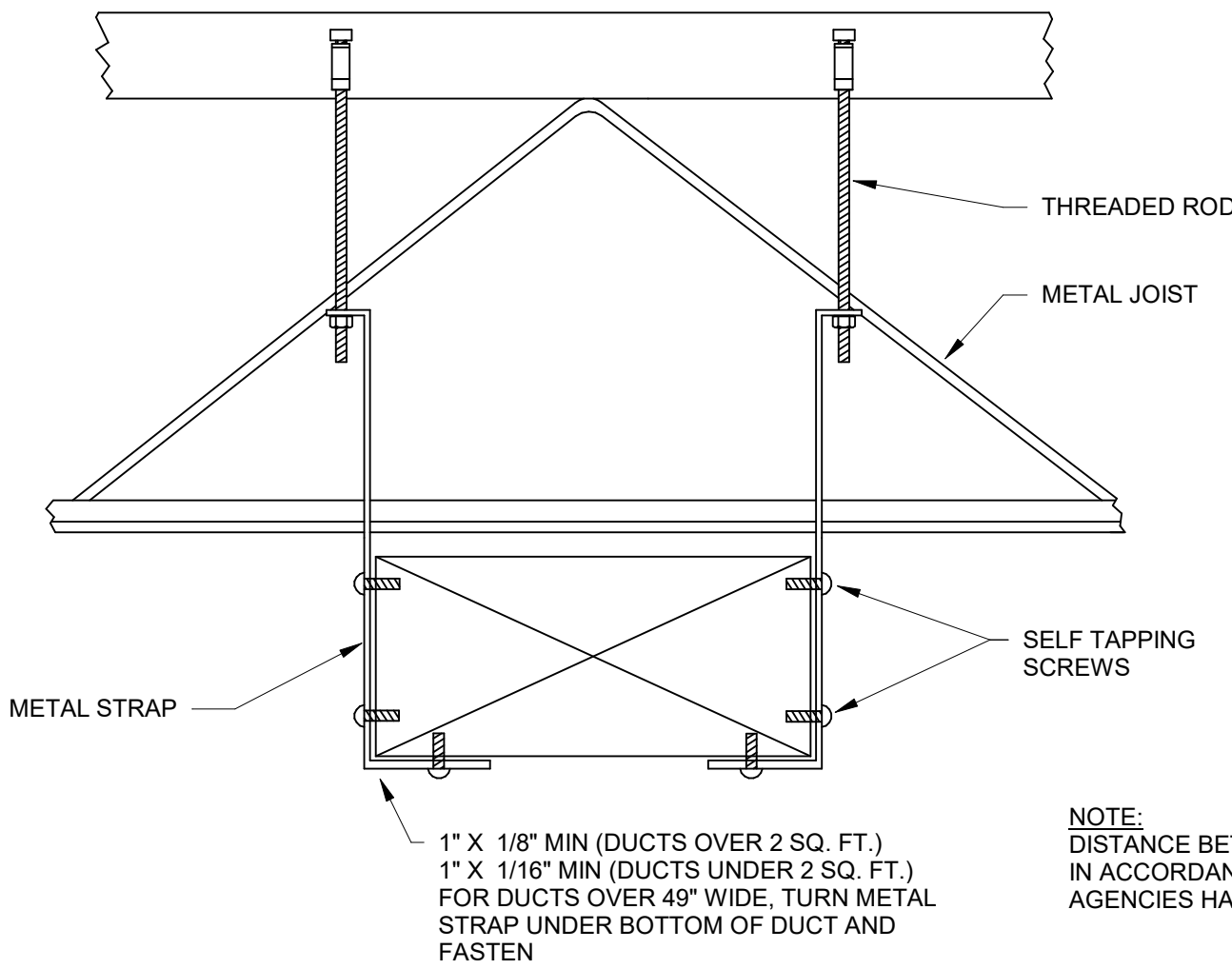
1
M4.01
DETAIL - GEAR DRIVEN CABLE OPERATED DAMPER
NOT TO SCALE



5
M4.01
DETAIL - REFRIGERANT LINES THROUGH ROOF
NOT TO SCALE

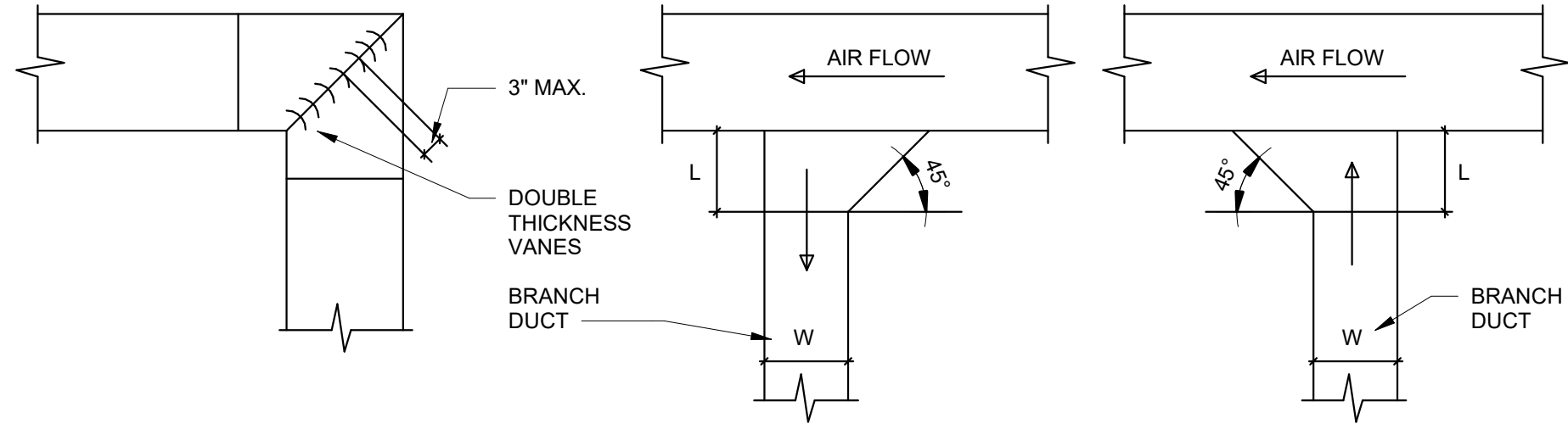


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M4.01
DETAIL - DIFFUSER CONNECTION
NOT TO SCALE

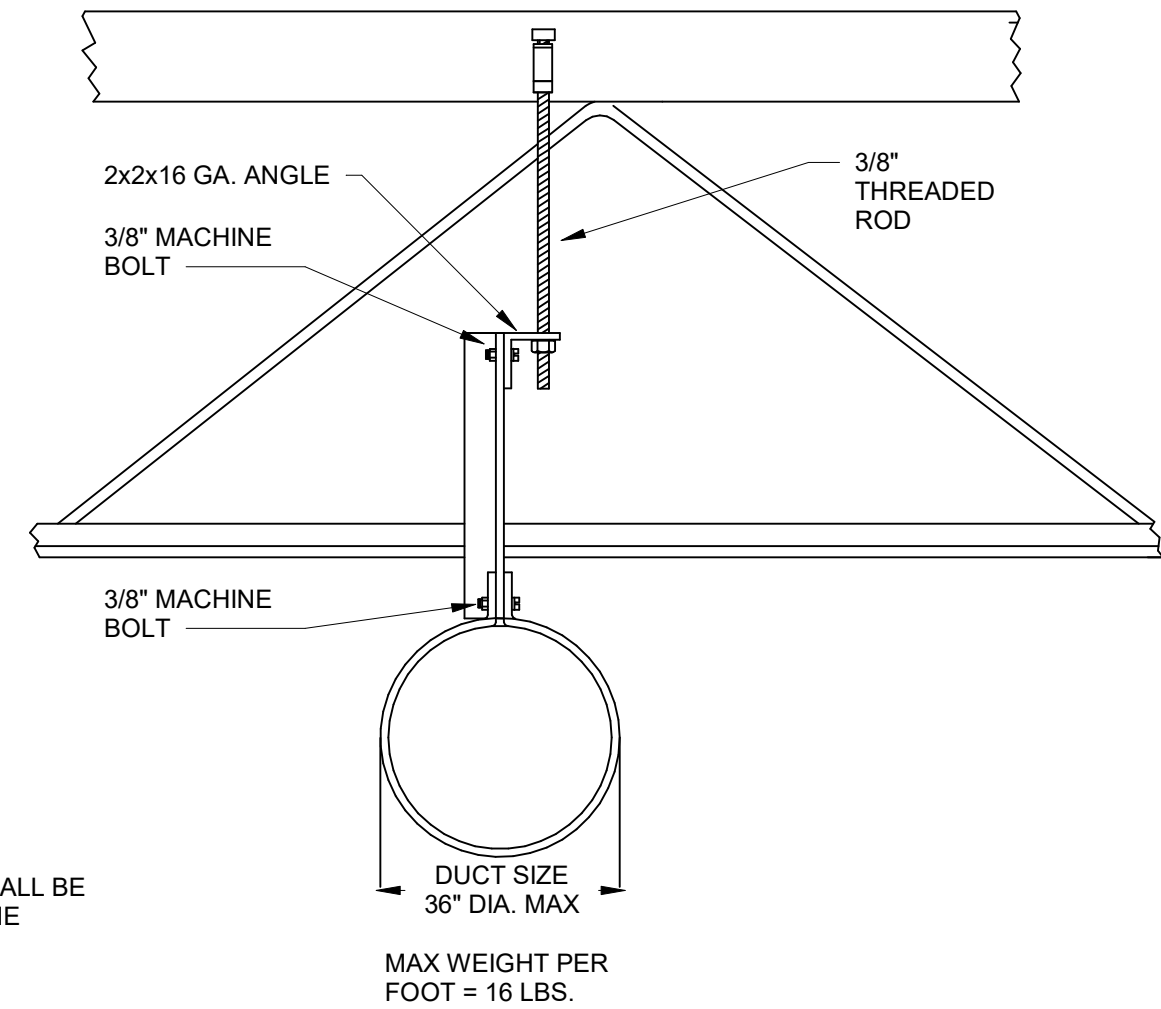


DUCTWORK SUPPORT DETAIL
NOT TO SCALE

RECTANGULAR DUCTS		
MAX. SIDE INCHES	MIN. GALV. SHT. GAUGE	ALUMINUM MIN. B&S GAUGE
THROUGH 12	26 (0.022 IN.)	24 (0.020 IN.)
13 THROUGH 30	24 (0.028 IN.)	22 (0.025 IN.)
31 THROUGH 54	22 (0.034 IN.)	20 (0.032 IN.)
55 THROUGH 84	20 (0.040 IN.)	18 (0.040 IN.)
OVER 84	18 (0.052 IN.)	16 (0.051 IN.)



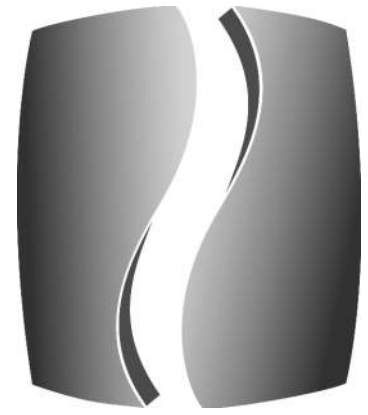
3
M4.01
DETAIL - DUCTWORK
NOT TO SCALE



ROUND DUCT SUPPORT DETAIL
NOT TO SCALE

ROUND DUCTS LONGITUDINAL SEAM			
DIAMETER INCHES	SPIRAL SEAM DUCT STEEL MIN. GALV. SHT. GAUGE	DUCT STEEL MIN. GALV. SHT. GAUGE	FITTINGS STEEL MIN. GALV. SHT. GAUGE
THROUGH 12	28 (0.0219 IN.)	26 (0.022 IN.)	26 (0.022 IN.)
13 THROUGH 18	26 (0.022 IN.)	24 (0.028 IN.)	24 (0.028 IN.)
19 THROUGH 28	24 (0.028 IN.)	22 (0.034 IN.)	22 (0.034 IN.)
29 THROUGH 36	22 (0.034 IN.)	20 (0.040 IN.)	20 (0.040 IN.)
37 THROUGH 52	20 (0.040 IN.)	18 (0.052 IN.)	18 (0.052 IN.)

4
M4.01
DETAIL - DUCT SUPPORT
NOT TO SCALE



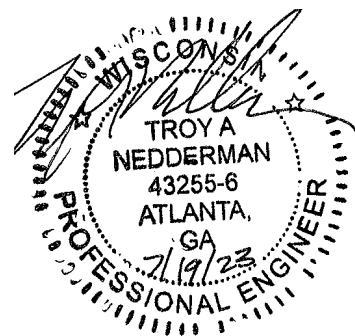
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DETAILS - HVAC

SHEET NUMBER

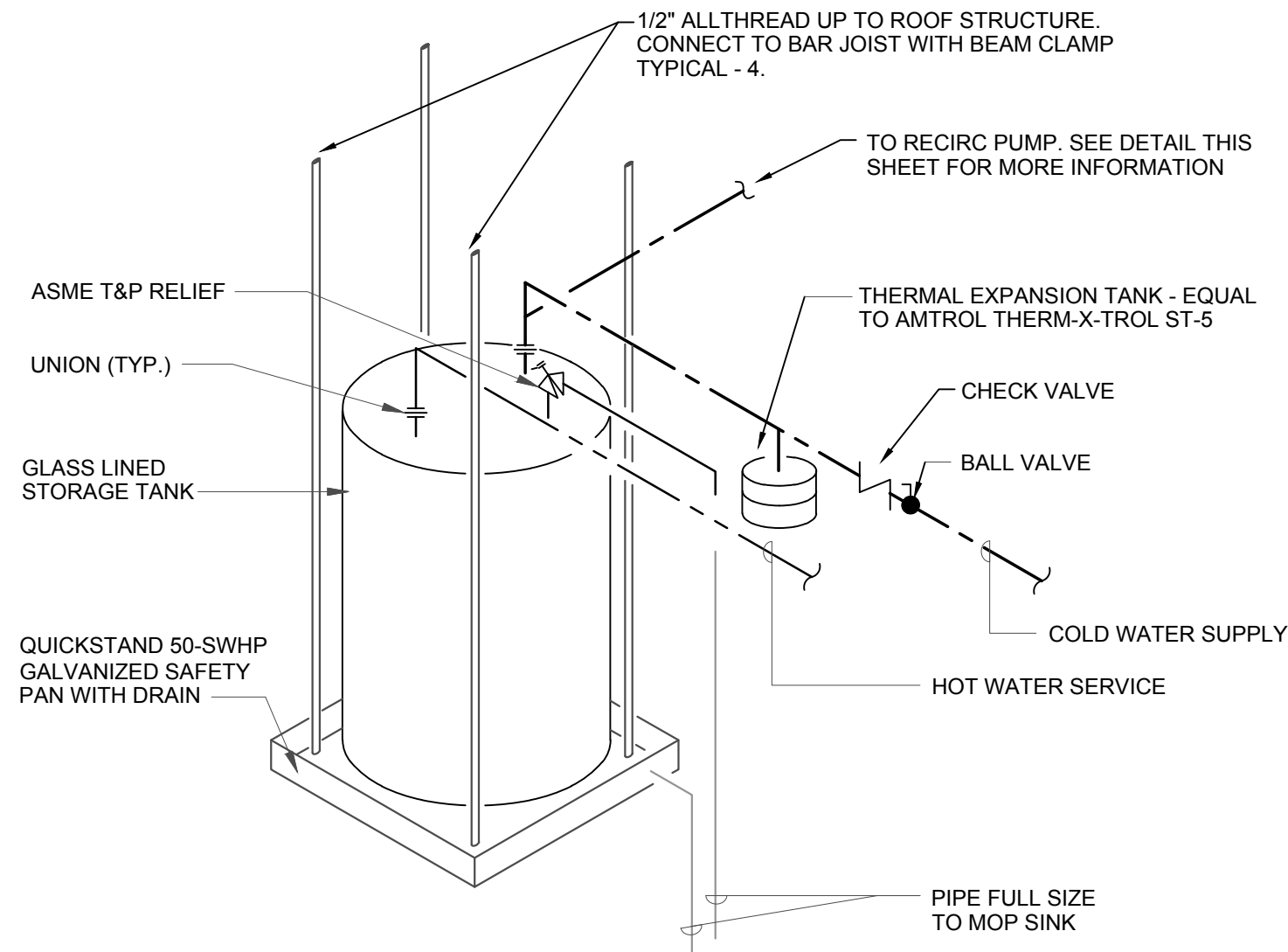
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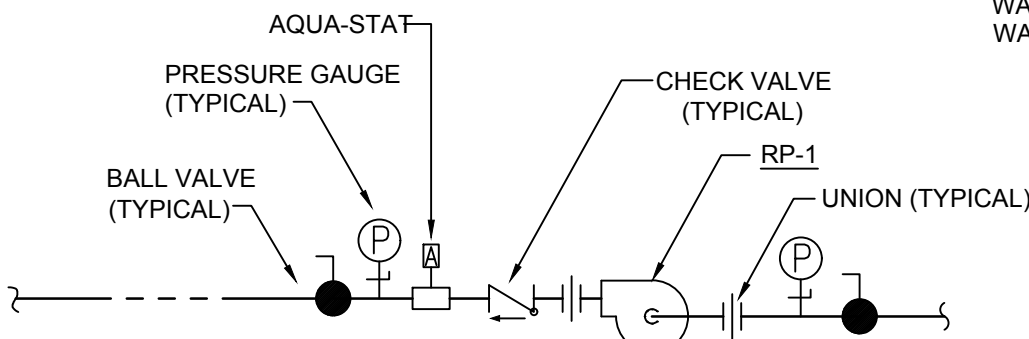
1 WATER HEATER DETAIL
P-0.1 NOT TO SCALE

PLUMBING NOTES

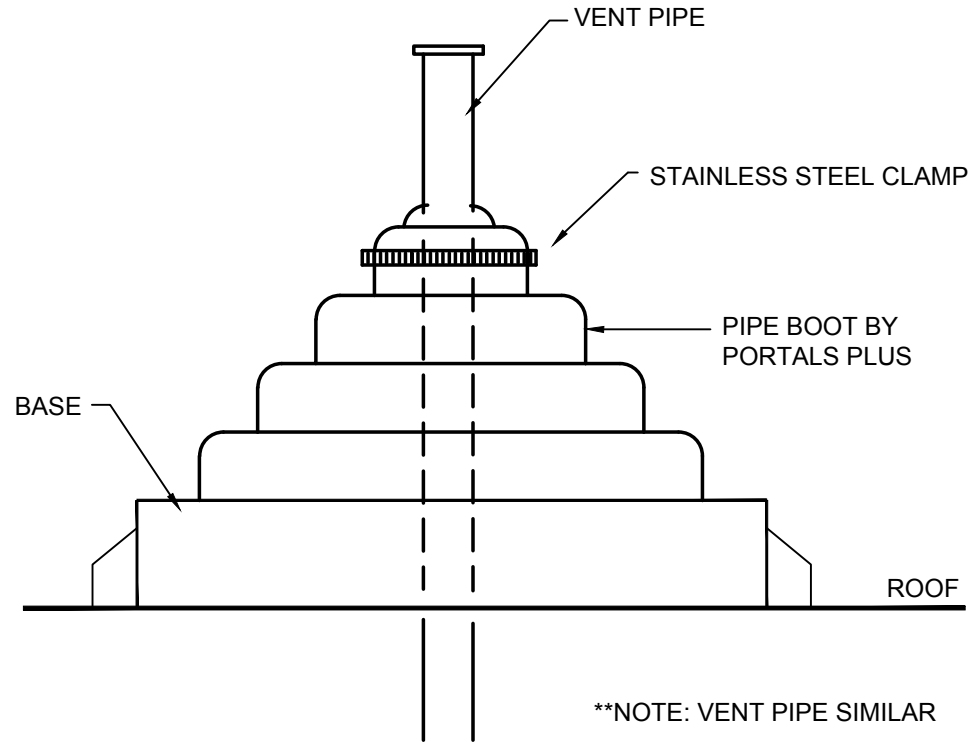
- PLUMBING SHALL BE IN ACCORDANCE WITH 2018 WISCONSIN UNIFORM PLUMBING CODE AND APPLICABLE LOCAL CODES.
- FURNISH APPROPRIATE ADAPTERS FOR CONNECTION OF DISSIMILAR PIPING
- FLOOR CLEANOUT EQUAL TO JAY R. SMITH MODEL 4020.
- GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL WITH SCREWED FITTINGS.
- ALL EXTERIOR GAS PIPE SHALL BE PAINTED W/ BLACK RUST INHIBITIVE PAINT
- WATER PIPE SHALL BE TYPE "L" HARD DRAWN COPPER WITH 95-5 LEAD FREE SOLDER JOINTS.
- PIPE HANGERS FOR WATER PIPE SHALL BE EQUAL TO PHD 155 WITH INSULATION SHIELD.
- TEST WATER PIPING AT A HYDROSTATIC PRESSURE OF 125 PSI AND HOLD FOR TWENTY-FOUR HOURS.
- ALL DOMESTIC COLD WATER, HOT WATER RETURN, & HOT WATER PIPE SMALLER THAN 1-1/2" SHALL BE INSULATED WITH 1" THICK FIBERGLASS PIPE INSULATION WITH ALL SERVICE JACKET. HOT WATER & HOT WATER RETURN PIPE 1-1/2" AND GREATER SHALL HAVE 1-1/2" THICK FIBERGLASS PIPE INSULATION AS DESCRIBED. HORIZONTAL RAIN LEADER PIPING SHALL HAVE 1/2" THICK FIBERGLASS PIPE INSULATION AS DESCRIBED.
- DOMESTIC WATER SHUT-OFF VALVES SHALL BE WATTS SERIES FBV-4 FOR HOT & COLD WATER PIPE. ACCEPTABLE MANUFACTURES ARE WATTS, NIBCO AND CRANE OR APPROVED EQUAL.
- WATER HAMMER ARRESTOR (WHA) TO BE EQUAL WATTS 15M2 & SHALL BE LOCATED ACCESSIBLE ABOVE A CEILING & OUT OF WALL.
- ROOF PENETRATIONS BY VENT & GAS SHALL BE THRU PORTALS PLUS PIPE BOOT FOR RUBBER ROOFS AND PORTALS PLUS ALUMINIFLASH FOR HOT APPLIED ROOFS. PITCH POCKETS ARE NOT ACCEPTABLE.
- SANITARY AND VENT PIPE BELOW SLAB SHALL BE SCHEDULE 40 DWV PVC, OR HUB & SPIGOT CAST IRON.
- SANITARY AND VENT PIPE ABOVE SLAB SHALL BE SCHEDULE 40 DWV PVC, DWV COPPER, OR HUBLESS CAST IRON. PVC NOT ALLOWED IN PLENUM.
- TEST DRAINAGE AND VENT PIPING AT TEN FEET OF WATER COLUMN.
- DUAL CHECK SHALL BE EQUAL TO WATTS LF7R.
- PRESSURE REDUCING VALVE (PRV) SHALL BE EQUAL TO WATTS LF25AUB-Z3.
- FLOOR DRAIN, 3" FD, SHALL BE EQUAL TO JAY R. SMITH MODEL 2010C-P050-NB. PROVIDE W/ PROCET TRAP SEAL. IF LOCAL AUTHORITY DOES NOT ALLOW TRAP SEAL, PROVIDE PLUMBING PRECISION PRODUCTS PR-5000 TRAP PRIMER (LOCATED ACCESSIBLE ABOVE CEILING & OUT OF WALL)
- NON-FREEZE HOSE BIBB (NFHB) SHALL BE ANTI-SIPHON, VACUUM BREAKER PROTECTED EQUAL TO WOODFORD MODEL 67.
- HOSE BIBB (HB) SHALL BE ANTI-SIPHON, VACUUM BREAKER PROTECTED EQUAL TO WOODFORD MODEL 24.
- NON-FREEZE ROOFTOP HOSE BIBB (RHB) SHALL BE ROOF-MOUNTED, VACUUM BREAKER PROTECTED EQUAL TO WOODFORD MODEL SRH-MS.
- ANY AND ALL PIPING THAT PENETRATES A FIRE RATED ASSEMBLY SHALL BE PROVIDED WITH MATCHING U.L. LISTED FIRE STOP. REFER TO PRE-FAB FIRE STOPPING DESIGN MANUAL FOR APPROPRIATE DETAIL.
- ANY AND ALL PIPING LOCATED IN AREAS SUBJECT TO FREEZING SHALL BE PROVIDED WITH HEAT TRACE MINIMUM 3W PER FOOT AND COORDINATED WITH ELECTRICAL CONTRACTOR.
- CONTRACTOR SHALL SUBMIT (MINIMUM 3) SETS OF SHOP DRAWINGS AND EQUIPMENT OUT SHEETS TO THE ARCHITECT FOR APPROVAL PRIOR TO STARTING ANY WORK. ANY EQUIPMENT REQUIRING AN ELECTRICAL CONNECTION SHALL FIRST BE REVIEWED AND APPROVED BY THE ELECTRICAL CONTRACTOR VERIFYING THAT THE ELECTRICAL CONTRACTOR HAS COMPARED THE ELECTRICAL REQUIREMENTS OF THE SUBMITTED EQUIPMENT WITH THE PLANS AND HAS MADE ANY REQUIRED ADJUSTMENTS TO THE ELECTRICAL GEAR. ANY SHOP DRAWING THAT IS SUBMITTED WITHOUT THE SIGNATURE APPROVAL OF THE ELECTRICAL CONTRACTOR WILL BE RETURNED WITHOUT COMMENT.
- PLUMBING CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING WATER, VENT, & SANITARY PIPE PRIOR TO START OF WORK. CONTRACTOR TO NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF SAID WORK.
- THE PLUMBING PLANS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURER'S EQUIPMENT. THEY RE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, EXACT DIMENSIONS, OR ALL OF THE DETAILS OF THE EQUIPMENT. THE CONTRACTOR SHALL OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT TO VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED AND USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO INSURE MINIMUM CLEARANCES ARE MAINTAINED.

PLUMBING LEGEND

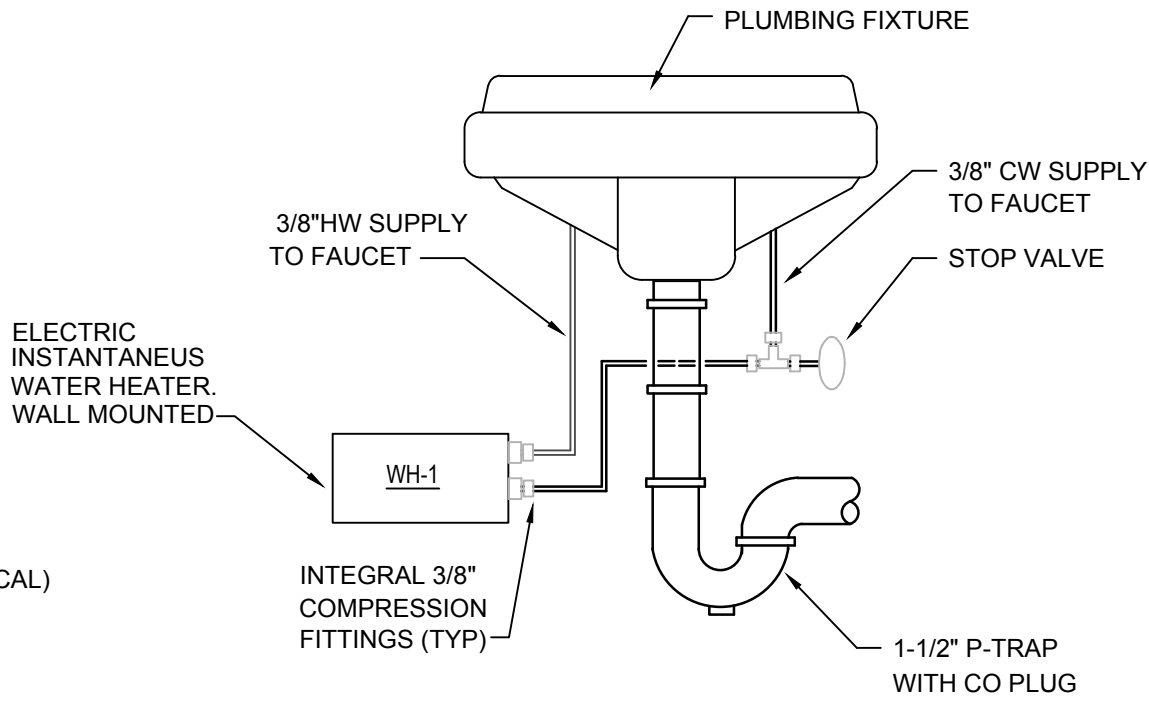
—S—	SANITARY LINE
— -- —	COLD WATER
— - - —	HOT WATER
- - - - -	VENT PIPE
— EG —	EXISTING GAS
— O2 —	OXYGEN PIPE
●	BALL VALVE
⊙	FLOOR CLEANOUT
FCO	FLOOR CLEANOUT
VTR	VENT THRU ROOF
PRV	PRESSURE REDUCING VALVE
BFP	BACKFLOW PREVENTER
[G]	GAS METER
[W]	WATER METER
⊕	PRESSURE GAUGE
○	PIPE UP
○	PIPE DOWN
HB	HOSE BIBB
WHA	WATER HAMMER ARRESTER



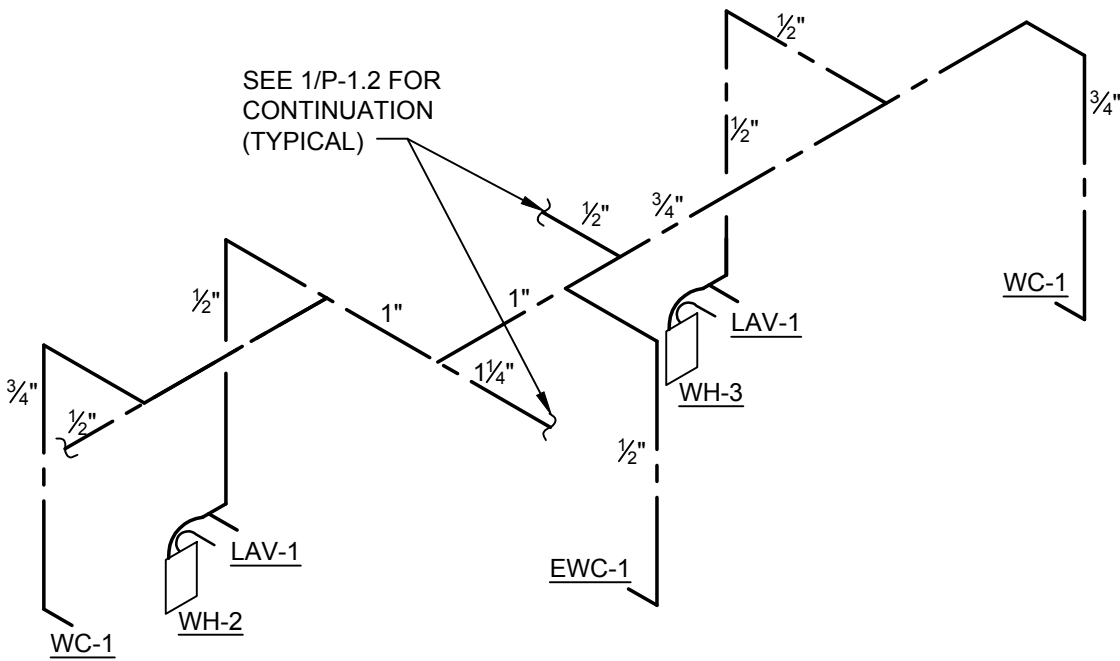
2 RECIRC PUMP DETAIL
P-0.1 NOT TO SCALE



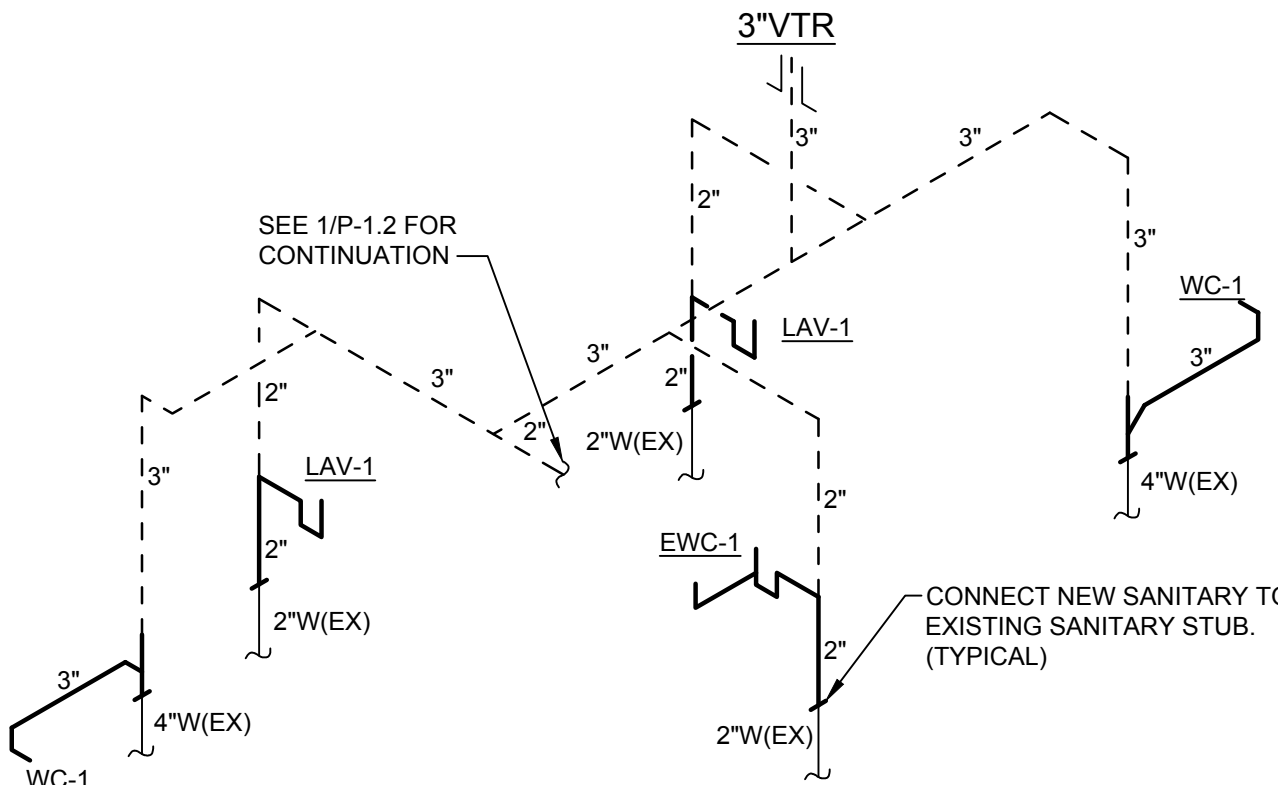
6 GAS THRU ROOF DETAIL
P-0.1 SCALE: NONE



3 WATER HEATER DETAIL
P-0.1 SCALE: NONE



4 WATER RISER
P-0.1 SCALE: NONE



5 WASTE & VENT RISER
P-0.1 SCALE: NONE

PUMP SCHEDULE								
MARK	TYPE	GPM	HEAD	H.P.	ELECT	RPM	NOTES	BASIS OF DESIGN
RP-1	IN-LINE	2	6 FT.	1/20	120/1	1725	1,2	BELL & GOSSET LR20-WR OR APPROVED EQUAL
NOTES: 1. ACCEPTABLE EQUAL MANUFACTURERS ARE B&G AND GRUNDFOS. 2. FURNISH 7 DAY TIME CLOCK FOR PUMP CONTROL W/ AQUA-STAT OVERRIDE TO CYCLE OFF PUMP WHEN RE-CIRCULATED HW LINE IS GREATER THAN 89° F.								

ELECTRIC WATER HEATER SCHEDULE								
TAG	TANK SIZE	KW	VOLT/PHASE	RECOVERY	SET POINT	BASIS OF DESIGN	AREA SERVED	NOTES
WH-1	20	4.5	208/1	23 GPH @ 80° RISE	120°	RHEEM EGSP20	BUILDING	
WH-2&3	-	4.2	208/1	INSTANTANEOUS	110°	CHRONOMITE SR-20L	RESTROOM	

PLUMBING FIXTURE SCHEDULE								
DESIGNATION	MANUFACTURER	MODEL NO.	FIXTURE DESCRIPTION	CONNECTION SCHEDULE				
				WASTE	VENT	CW	HW	
WC-1	AMERICAN STANDARD	"GLENWALL VORMAX" 2882107	WALL HUNG VITREOUS CHINA WATER CLOSET W/ ELONGATED BOWL. LOW CONSUMPTION FLUSH (1.28 GPF) WITH HIGH EFFICIENCY TANK AMERICAN STANDARD 3447101. SEAT SHALL BE OPEN FRONT LESS SEAT OLSONITE #95 HEAVY DUTY SOLID PLASTIC. HANDLE TO BE ON WIDE SIDE OF STALL. PROVIDE WITH J.R. SMITH WATER CLOSET SUPPORT MODEL 0410	3"	2"	3/4"	--	
LAV-1	KOHLER	CAXTON K2000	VITREOUS CHINA UNDER-MOUNT BATHROOM SINK (HANDICAP), FAUCET - DELTA MODEL No. 21C152. 0.5 GPM AERATOR PROVIDE WITH THERMOSTATIC MIXING VALVE MODEL No. R2570-MIXLF TRAP - 1 1/2" CAST BRASS WITH C.O. PLUG SUPPLY - 3/8" ANGLE SUPPLY WITH STOPS PROVIDE OFFSET TAILPIECE INSULATE TRAP OUTLET & SUPPLY TO MEET A.D.A.	2"	1 1/2"	1/2"	1/2"	
EW-C-1	OASIS	PG8ACSL	WALL MOUNTED BI-LEVEL COOLER WITH STAINLESS STEEL TOP, GRAY BAKED ENAMEL FINISH, MCGUIRE 170 3/8" OD SUPPLY WITH ANGLE STOP, MCGUIRE 8872 1-1/4" 17 GAUGE CHROME PLATED P-TRAP WITH CLEANOUT PLUG, REFRIGERATION SYSTEM SHALL HAVE A FIVE YEAR WARRANTY. COOLER SHALL BE CERTIFIED LEAD-FREE.	2"	1 1/2"	1/2"	--	
SK-1	ELKAY	"LUSTERTONE" LRAD252140	STAINLESS STEEL SINGLE BOWL TOP MOUNT ADA SINK. 25"x21"-1/4"x4" DEEP, REAR CENTER DRAIN, 3 HOLES, 18 GAUGE SS. PROVIDE WITH DELTA FAUCET MODEL #100LF-HDF FAUCET.	2"	1 1/2"	1/2"	1/2"	
HS-1	ELKAY	LR1918	19"x18" SINGLE BOWL STAINLESS STEEL, PROVIDE WITH WATTS LFMMV THERMOSTATIC MIXING VALVE. PROVIDE ZURN Z831B4-XL FAUCET.	--	--	1/2"	--	
IMB-1	OATEY	12K	ICE MAKER BOX W/ BRASS 1/4 TURN VALVE. 1 PIECE BOX AND FLANGE DESIGN & SNAP ON FRAME.	--	--	1/2"	--	
MS-1	MUSTEE	63M	FLOOR MOUNTED SERVICE SINK. 24"x24"x10" DEEP WITH STRAINER AND WALL GUARDS. FAUCET EQUAL TO ELKAY LK945BP07L2T WITH SOLID BRASS CONSTRUCTION, VACUUM BREAKER, PAIL HOOK, WALL BRACE, 3/4" HOSE THREADS AND LEVER HANDLES.	3"	1 1/2"	1/2"	1/2"	

SPRINKLER NOTES

- PREMISES SHALL BE EQUIPPED WITH FULLY FUNCTIONAL WET PIPE FIRE PROTECTION SYSTEM PER THE NFPA 13, 101, & ALL LOCAL CODES & AMENDMENTS.
- SPRINKLER HEADS SHALL BE SEMI RECESSED WHERE LAY-IN CEILING OCCURS. HEADS SHALL BE CENTERED - BOTH DIRECTIONS IN TILE. HEADS SHALL BE FULLY RECESSED WITH WHITE POP OFF COVER WHERE OCCURS IN HARD CEILING. HEADS SHALL BE UP-RIGHT PENDANT TYPE WHERE THERE IS NO CEILING.
- PRIOR TO INSTALLATION OF FIRE PROTECTION SYSTEM, THE DESIGN SHALL BE APPROVED, IN WRITING, BY THE TENANT AND THEIR INSURANCE UNDERWRITER.
- FOR RENOVATION PROJECTS WITH NEW OR MODIFIED WALL PARTITIONS, CONTRACTOR SHALL RELOCATE OR PROVIDE NEW SPRINKLER HEADS AS REQUIRED FOR AFFECTED AREAS PER NFPA 13.



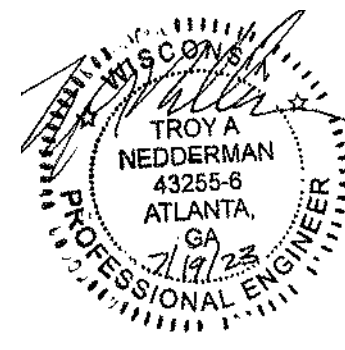
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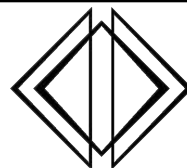
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PROJECT

DIAMONDS DIRECT
2600 N Mayfair RD
Wauwatosa, WI 53226

CLIENT



DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402

ISSUE DATE 06/30/2023

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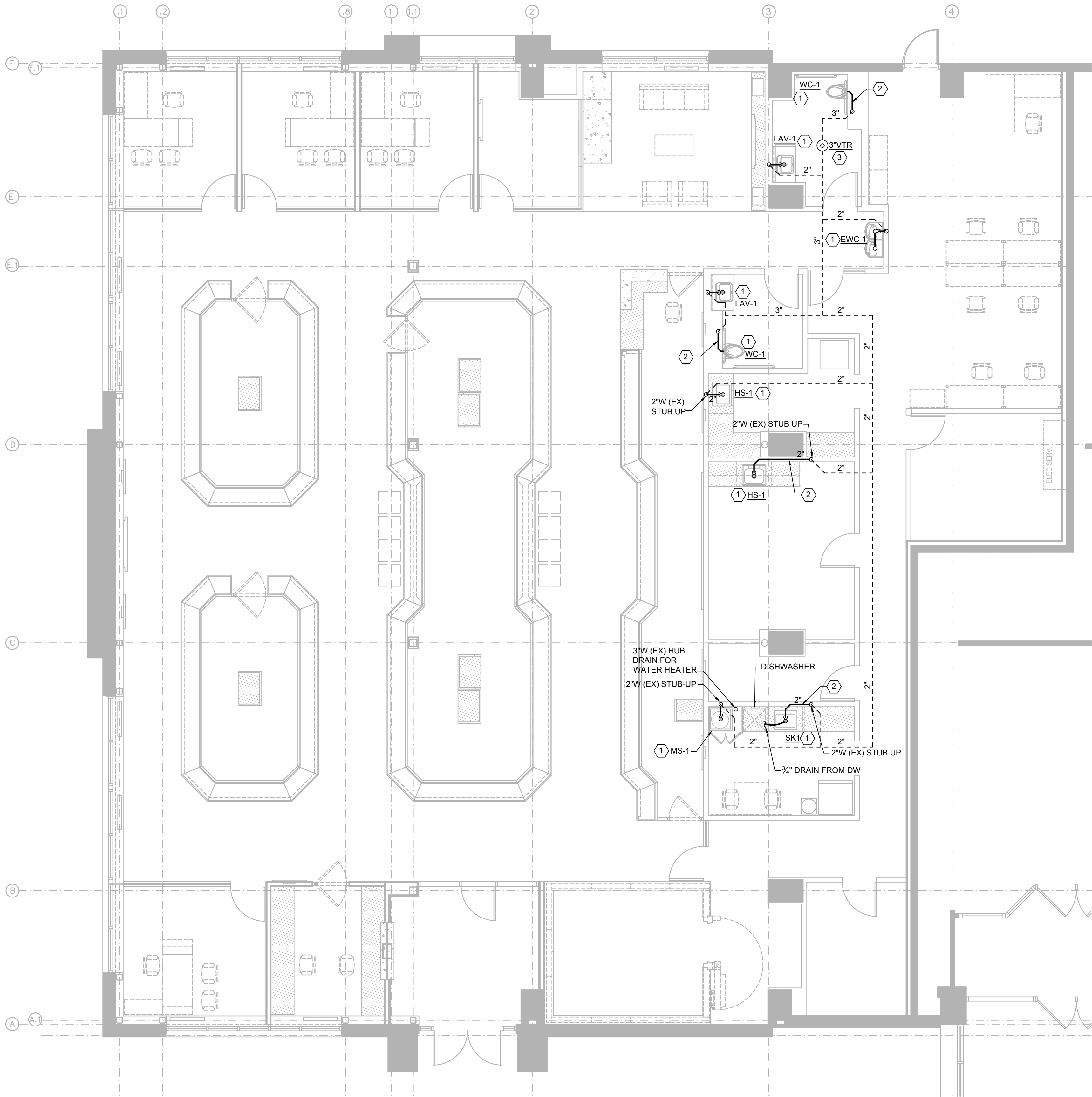
SCHEDULES, DETAILS,
-WASTE & VENT

SHEET NUMBER

P-0.1

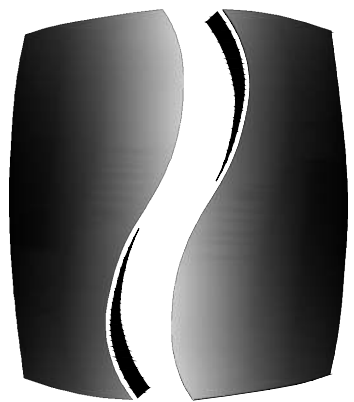
5901 PEACHTREE DUNWOODY RD.
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30328
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ISSUED FOR CONSTRUCTION



- KEYNOTE: (1)
1. CONNECT NEW SPECIFIED FIXTURE TO EXISTING WASTE STUB EXTEND SANITARY AS NEEDED. ROUTE NEW VENT AS SHOWN. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING SANITARY STUB-UP PRIOR TO START OF WORK AND NOTIFY ARCHITECT/ENGINEER IMMEDIATELY IF THERE ARE ISSUES WITH CONNECTING TO NEW FIXTURES.
 2. ROUTE SANITARY PIPING IN WALL TO EXISTING SANITARY STACK AS SHOWN.
 3. PROVIDE NEW VENT THRU ROOF. MAINTAIN MINIMUM 10'-0" FROM ALL OUTSIDE AIR INTAKES. COORDINATE WITH OWNER FOR FINAL LOCATION PRIOR TO ROUGH-IN.

1 FLOOR PLAN - WASTE & VENT
P-1.1 SCALE: 3/16" = 1'-0"



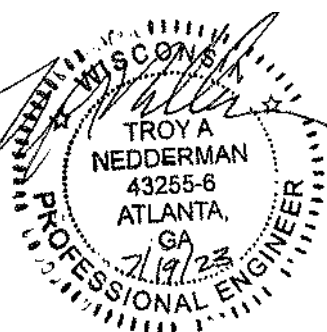
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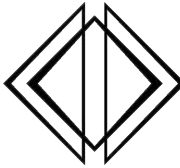
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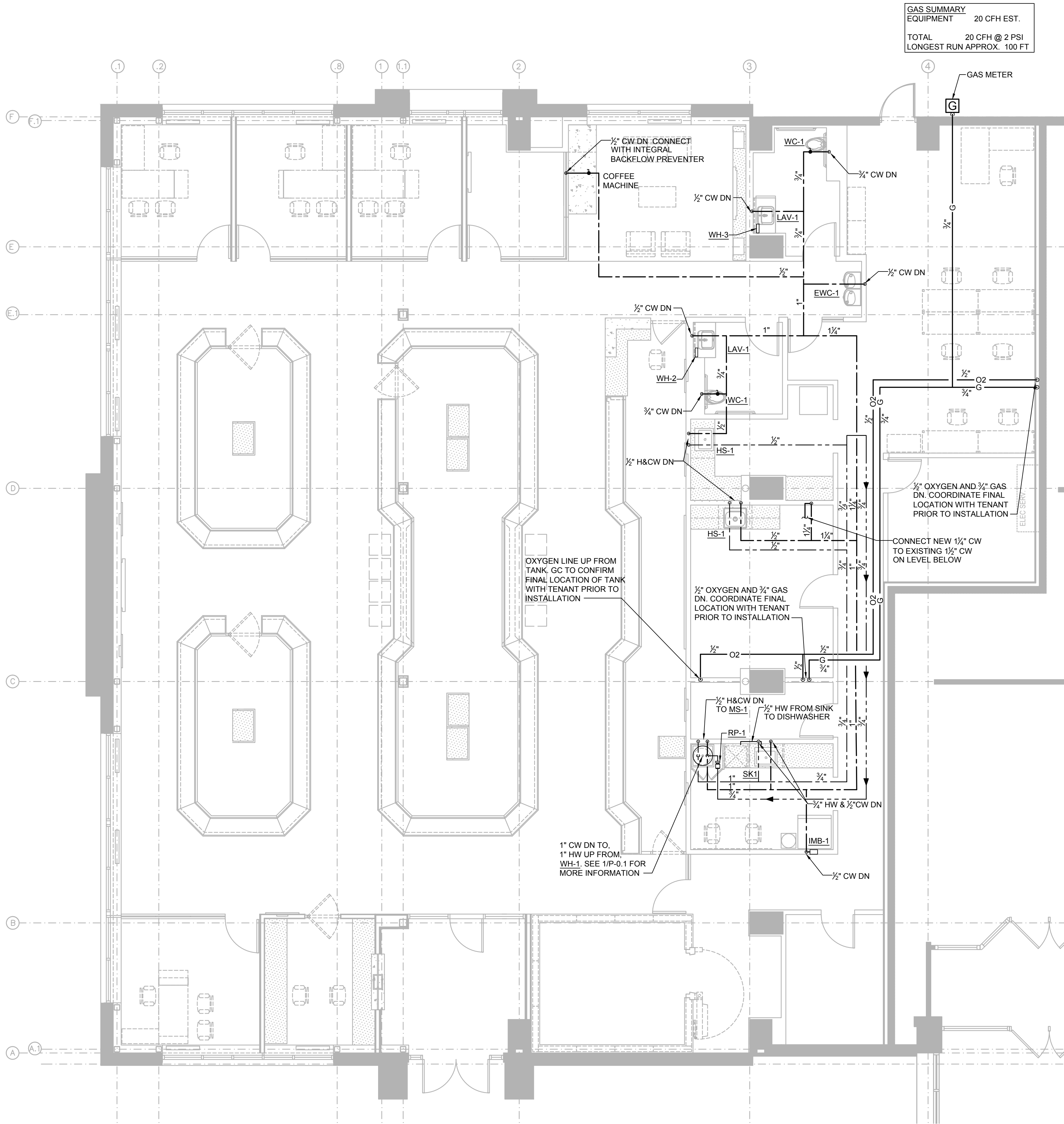
DRAWING TITLE
FLOOR PLAN
-WASTE & VENT

SHEET NUMBER

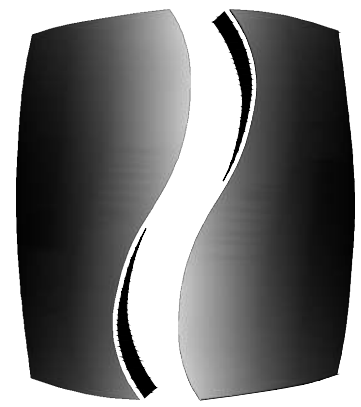
P-1.1

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1 FLOOR PLAN - WATER & GAS
P-1.2 SCALE: 3/16" = 1'-0"

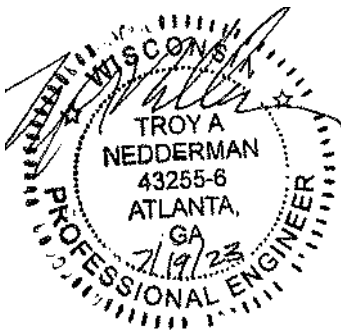


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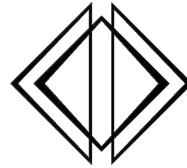
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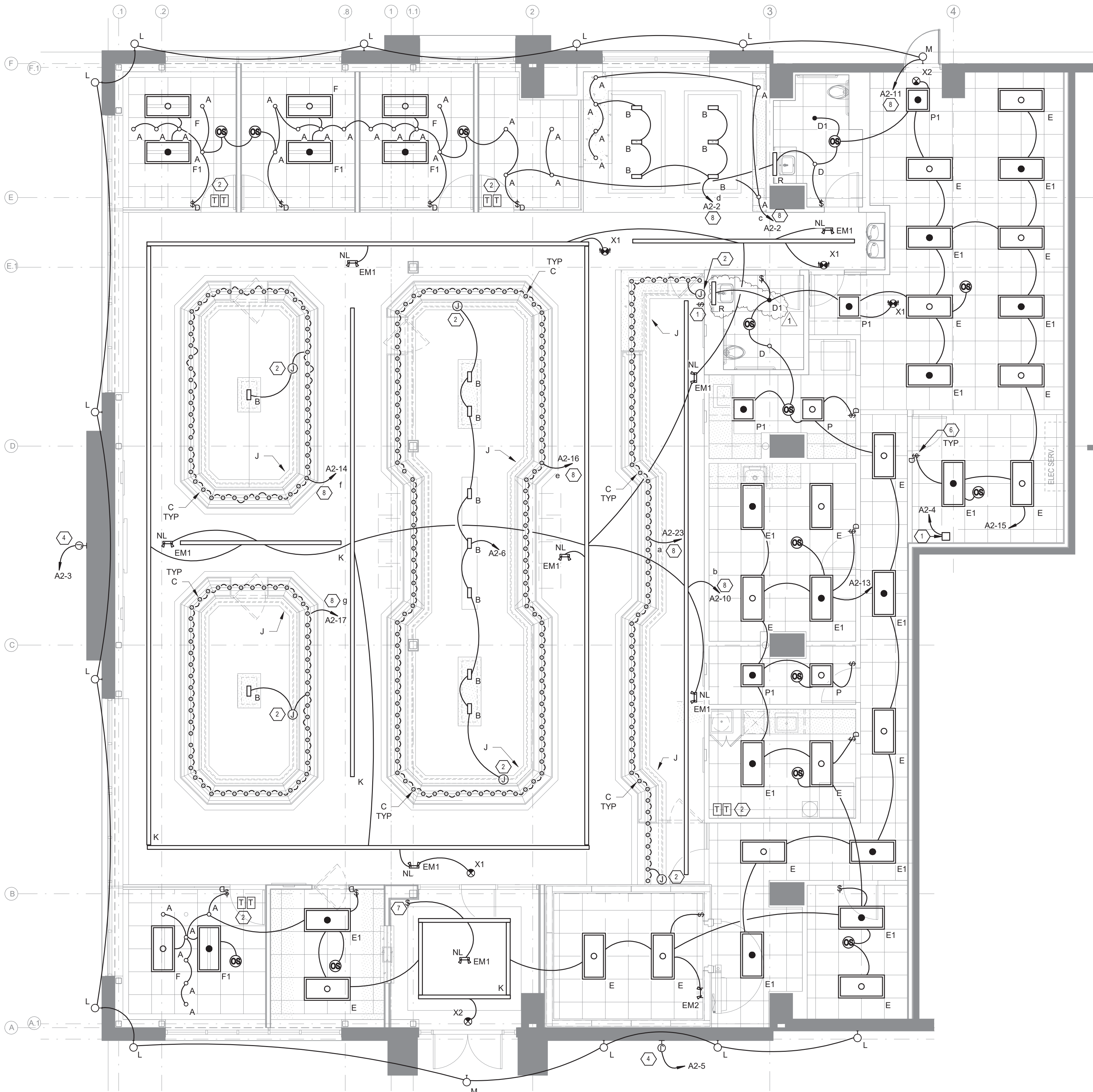
FLOOR PLAN
-WATER & GAS

SHEET NUMBER

P-1.2

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1 FLOOR PLAN - LIGHTING
E1.10 3/16" = 1'-0"

GENERAL NOTES:

- A. OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT, THE DIMENSIONS OF WHICH MAY AFFECT INSTALLATION. USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO INSURE MINIMUM CLEARANCES ARE MAINTAINED.
- B. ANY WALLS, CEILINGS, EQUIPMENT, ETC., DAMAGED BY THE CONTRACTOR IN CONSTRUCTION OF THIS PROJECT SHALL BE REPAIRED, RESTORED AND/OR REPLACED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION, OR TO PERFORM ITS INTENDED FUNCTION, AT NO ADDITIONAL COST TO OWNER.
- C. ALL WIRES SHALL BE TERMINATED WITHIN ELECTRICAL BOXES. NOT LEFT LOOSE.
- D. ELECTRICAL CONTRACTOR SHALL ENSURE INSTALLED OCCUPANCY SENSORS PROVIDE A FULL RANGE COVERAGE WITHIN THE CONTROLLED AREA.
- E. ALL JUNCTION BOXES AND RECEPTACLES SHALL INDICATE THE CIRCUITS CONTAINED WITHIN. PROVIDE TYPED LABEL AND PERMANENTLY AFFIX TO COVERPLATE.
- F. CONTRACTOR CONFIRM WITH MANUFACTURER THAT LIGHT FIXTURES AND ASSOCIATED LIGHTING CONTROLS ARE COMPATIBLE WITH EACH OTHER.
- G. PROVIDE UNSWITCHED HOT TO ALL EMERGENCY, EGRESS, AND NIGHT LIGHT FIXTURES. FOR FIXTURES WITH BATTERY BALLASTS OR INVERTERS, TIE UNSWITCHED HOT TO BALLAST OR INVERTER, NOT THE FIXTURE ITSELF.
- H. SEE ARCHITECTURAL DRAWINGS FOR ANY UNLISTED MOUNTING HEIGHTS FOR LIGHTS, DEVICES, AND EQUIPMENT.
- I. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. REPAIR, CLEAN, AND REPLACE EXISTING EQUIPMENT, DEVICES, AND CONDUIT AS NEEDED.
- J. WHERE ANY EQUIPMENT, DEVICE, OR CONDUIT PENETRATES A FIRE RATED WALL, FLOOR, OR CEILING, CONTRACTOR SHALL USE FIRE CAULK OR SIMILAR METHOD IN ORDER TO MAINTAIN FIRE RATING OF STRUCTURE.
- K. FOR EXACT QUANTITIES OF LIGHTING AND EXACT LIGHT COVE LOCATIONS, SEE INTERIOR ELEVATIONS PRIOR TO BIDDING AND INSTALLATION. ELECTRICAL CONTRACTOR TO INCLUDE INTERIOR ELEVATIONS AS PART OF THE BID AND COORDINATE LOCATION WITH ARCHITECTURAL DRAWINGS.
- L. EC SHALL COORDINATE WITH MILLWORK INSTALLER SO THAT LIGHT FIXTURE J IS NOT VISIBLE FROM THE SALES AREA.
- M. LIGHT FIXTURE TYPE C TO BE ALIGNED WITH DISPLAY CASES BELOW EXACTLY AS INDICATED ON ARCHITECTURAL DRAWINGS.
- N. PROVIDE UL 924 OR 1008 RELAYS AS REQUIRED FOR DIMMED EMERGENCY FIXTURES.

KEYED NOTES: X

- 1. SWITCHBANK LOCATION.
- 2. PROVIDE 24VDC LOW VOLTAGE TRANSFORMER FOR LINEAR LIGHT FIXTURE J LOCATED IN SALES AREA. LOCATE ABOVE ACCESSIBLE CEILING. VERIFY EXACT LOCATION IN FIELD. EC TO CONFIRM MANUFACTURER ALLOWED DISTANCE FOR DRIVER.
- 3. PROVIDE DOWNLIGHTING FOR DISPLAY CASE. COORDINATE MOUNTING HEIGHT AND QUANTITY WITH ARCHITECTURAL DRAWINGS.
- 4. EXISTING J-BOX FOR SIGNAGE. ENSURE DISCONNECTING MEANS IS INTEGRAL TO SIGNAGE. ROUTE CIRCUIT THROUGH RELAY PANEL.
- 5. LOCATION OF LIGHTING CONTACTOR AND TIME CLOCK.
- 6. PROVIDE DIMMER SWITCH EQUAL TO LUTRON MAESTRO SERIES (TYP).
- 7. CONFIRM SWITCH LOCATION WITH OWNER.
- 8. TO SWITCHBANK. SEE THIS SHEET FOR SWITCHBANK DETAILS. ROUTE CIRCUIT THROUGH CONTACTOR.
- 9. EXISTING FIXTURE TO REMAIN. PROVIDE CIRCUIT IN EXISTING CONDUIT.

SALES FLOOR LIGHTING	SALES FLOOR LIGHTING
SALES AREA LIGHTING	SALES AREA LIGHTING
SEATING LIGHTING	SEATING LIGHTING
SEATING LIGHTING	SEATING LIGHTING
SALES FLOOR LIGHTING	SALES FLOOR LIGHTING
SALES FLOOR LIGHTING	SALES FLOOR LIGHTING
SALES FLOOR LIGHTING	SALES FLOOR LIGHTING
CABINET LIGHTING	CABINET LIGHTING
CABINET LIGHTING	CABINET LIGHTING
CABINET LIGHTING	CABINET LIGHTING
2HR TIMER OVERRIDE FOR CONTACTORS	2HR TIMER OVERRIDE FOR CONTACTORS

2 DETAIL - SWITCHBANKS
E1.10 NOT TO SCALE



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PROJECT

DIAMONDS DIRECT

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DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402

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DRAWING TITLE

LIGHTING PLAN

SHEET NUMBER

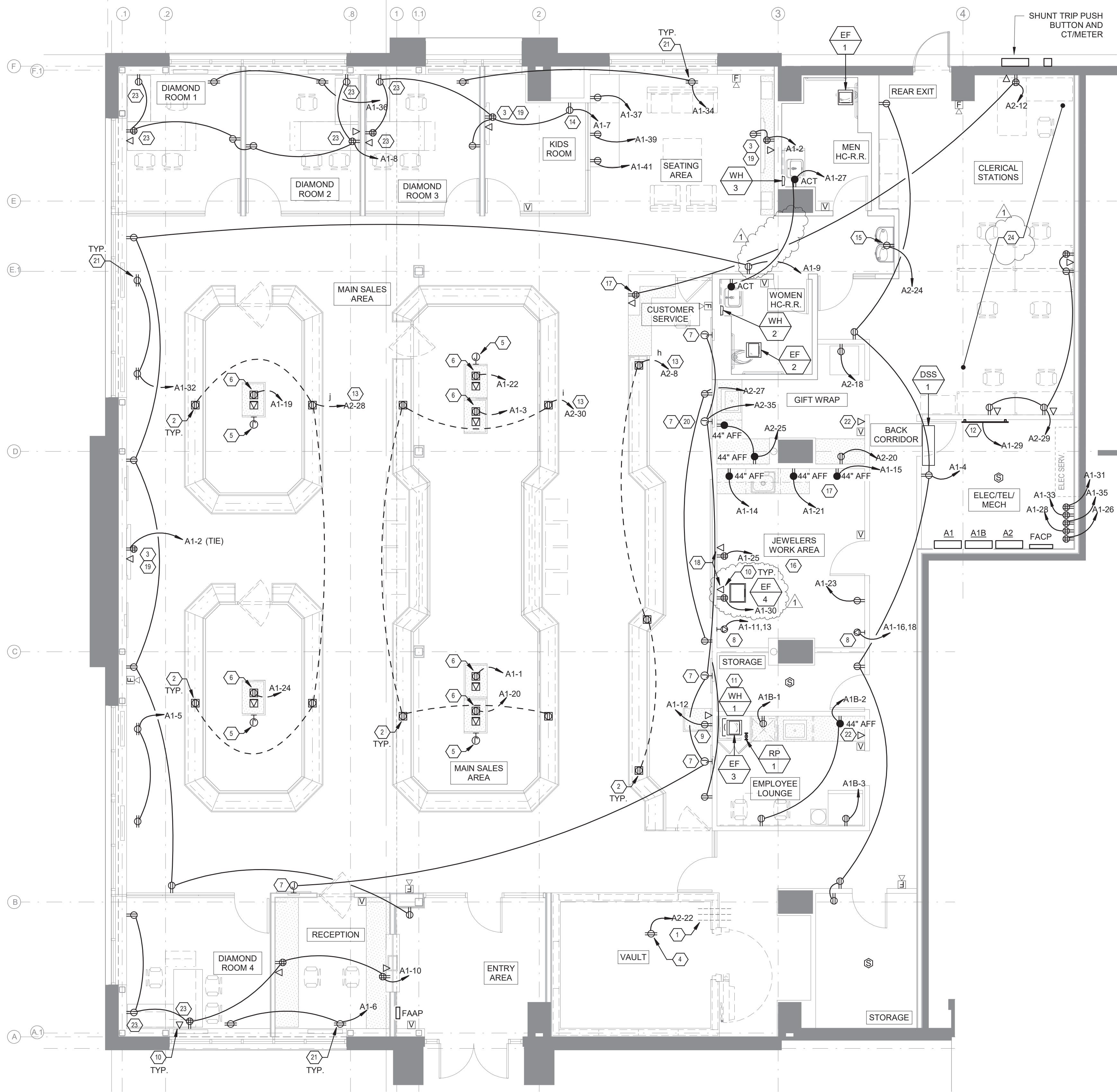
E1.10

5901 PEACHTREE DUNWOODY RD.
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30328

PHILLIPSPART.COM

770-394-1616

ISSUED FOR CONSTRUCTION



1 FLOOR PLAN - POWER
E1.20 3/16" = 1'-0"

GENERAL NOTES:

- OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT, THE DIMENSIONS OF WHICH MAY AFFECT INSTALLATION. USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO INSURE MINIMUM CLEARANCES ARE MAINTAINED.
- ANY WALLS, CEILINGS, EQUIPMENT, ETC., DAMAGED BY THE CONTRACTOR IN CONSTRUCTION OF THIS PROJECT SHALL BE REPAIRED, RESTORED AND/OR REPLACED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION, OR TO PERFORM ITS INTENDED FUNCTION, AT NO ADDITIONAL COST TO OWNER.
- ALL WIRES SHALL BE TERMINATED WITHIN ELECTRICAL BOXES. NOT LEFT LOOSE.
- ALL JUNCTION BOXES AND RECEPTACLES SHALL INDICATE THE CIRCUITS CONTAINED WITHIN. PROVIDE TYPED LABEL AND PERMANENTLY AFFIX TO COVERPLATE.
- SEE ARCHITECTURAL DRAWINGS FOR ANY UNLISTED MOUNTING HEIGHTS FOR LIGHTS, DEVICES, AND EQUIPMENT.
- CONTRACTOR TO COORDINATE ELECTRICAL SERVICE PROVISIONS WITH POWER COMPANY PRIOR TO BID AND PURCHASE IF APPLICABLE.
- ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR, REPAIR, CLEAN, AND REPLACE EXISTING EQUIPMENT, DEVICES, AND CONDUIT AS NEEDED.
- PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
- RECEPTACLES INSTALLED ON EXTERIOR OF BUILDING MUST BE RATED AS REQUIRED BY JURISDICTION.
- PROVIDE TAMPER RESISTANT RECEPTACLES WHERE REQUIRED BY NEC.
- WHERE ANY EQUIPMENT, DEVICE, OR CONDUIT PENETRATES A FIRE RATED WALL, FLOOR, OR CEILING, CONTRACTOR SHALL USE FIRE CAULK OR SIMILAR METHOD IN ORDER TO MAINTAIN FIRE RATING OF STRUCTURE.
- ALL GFCI OUTLETS THAT SHARE CIRCUIT WITH NON-GFCI DEVICES OR FIXTURES SHALL BE WIRED IN PARALLEL WITH NON-GFCI DEVICES OR FIXTURES SUCH THAT GFCI TRIP DOES NOT AFFECT USE OF OTHER DEVICES OR FIXTURES.

KEYED NOTES: (X)

- THREE (3) - 3/4" CONDUITS ABOVE VAULT DOOR TO SERVE CEILING RECEPTACLE, LIGHT FIXTURE, AND LIGHT SWITCH. COORDINATE INSTALLATION OF CONDUIT WITH VAULT INSTALLER.
- FLOORBOX FOR CASE LIGHTING. ROUTE THROUGH RELAY PANEL. PROVIDE HARDWIRED CONNECTION OR RECEPTACLE AND PLUG AS REQUIRED BY LOCAL INSPECTOR.
- QUAD RECEPTACLE AND CABLE OUTLET FOR WALL MOUNTED TV. VERIFY EXACT LOCATION AND MOUNTING WITH WITH OWNER PRIOR TO ROUGH-IN.
- RECEPTACLE MOUNTED IN CEILING. VERIFY EXACT REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION.
- ROUGH-IN FOR ALARM SYSTEM DEVICE. VERIFY EXACT LOCATION AND HEIGHT OF ROUGH-IN WITH OWNER PRIOR TO INSTALLATION. PROVIDE 3/4" EMPTY CONDUIT WITH PULL STRING FROM ROUGH-IN TOP 6" ABOVE CEILING.
- FLOOR BOX FOR RECEPTACLE AND DATA OUTLET. VERIFY EXACT LOCATION IN FIELD WITH OWNER PRIOR TO INSTALLATION. SEE SPECIFICATIONS FOR MORE DETAILS.
- MOUNT JUNCTION BOX IN WALL BEHIND LIGHT BOX DISPLAY. COORDINATE MOUNTING HEIGHT IN FIELD.
- RECEPTACLES TO SERVE OWNER PROVIDED APPLIANCE. CIRCUIT WITH #8'S. VERIFY TERMINATING REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION.
- RECEPTACLE AND DATA OUTLET MOUNTED IN WALL. VERIFY EXACT LOCATION IN FIELD WITH OWNER PRIOR TO INSTALLATION.
- PHONE/DATA: RUN 3/4" EMPTY CONDUIT WITH PULL STRING FROM JUNCTION BOX TO ABOVE ACCESSIBLE CEILING AND STUB FOR FUTURE USE.
- WATER HEATER: SEE CONNECTION SCHEDULE. MAKE FINAL CONNECTION.
- TELEPHONE BOARD: 4'-0" X 8'-0" FIRE RETARDANT PLYWOOD BACKBOARD. SEE 3/E4.10 FOR MORE DETAILS.
- TO SWITCHBANK. SEE 3/E1.10 FOR SWITCHBANK DETAILS. ROUTE CIRCUIT THROUGH RELAY PANEL. SEE 1/E5.10. FOR MORE DETAILS.
- PROVIDE TAMPER PROOF RECEPTACLE.
- PROVIDE RECEPTACLE WITH GFCI BREAKER FOR WATER FOUNTAIN.
- COORDINATE ALL RECEPTACLE MOUNTING HEIGHTS IN THIS ROOM WITH OWNER.
- CONFIRM MOUNTING LOCATION WITH OWNER.
- CONFIRM PHONE/DATA REQUIREMENTS WITH OWNER.
- CONFIRM TV POWER/DATA REQUIREMENTS WITH OWNER.
- ROUTE CIRCUIT THROUGH CONTACTOR.
- RECEPTACLE MOUNTED IN CEILING, OR ABOVE CEILING WHERE ALLOWED BY JURISDICTION. 8" ACCESS PANEL MUST BE INSTALLED AT EACH LIGHTBOX. VERIFY EXACT REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION.
- VERIFY LOCATION(S) WITH OWNER. MUST HAVE LOCKABLE EXTERIOR BOXES.
- OUTLET MUST BE HIDDEN FROM VIEW BEHIND DESK. VERIFY EXACT LOCATION WITH OWNER PRIOR TO INSTALL.
- ELECTRICAL AND NETWORK SETUP FOR THIS AREA TBD BASED ON CLERICAL OFFICE LAYOUT TO BE SUPPLIED BY OTHERS AND COORDINATE BY OWNER.

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DIAMONDS DIRECT

PHILLIPS JOB NUMBER 2336402

ISSUE DATE 06/30/2023

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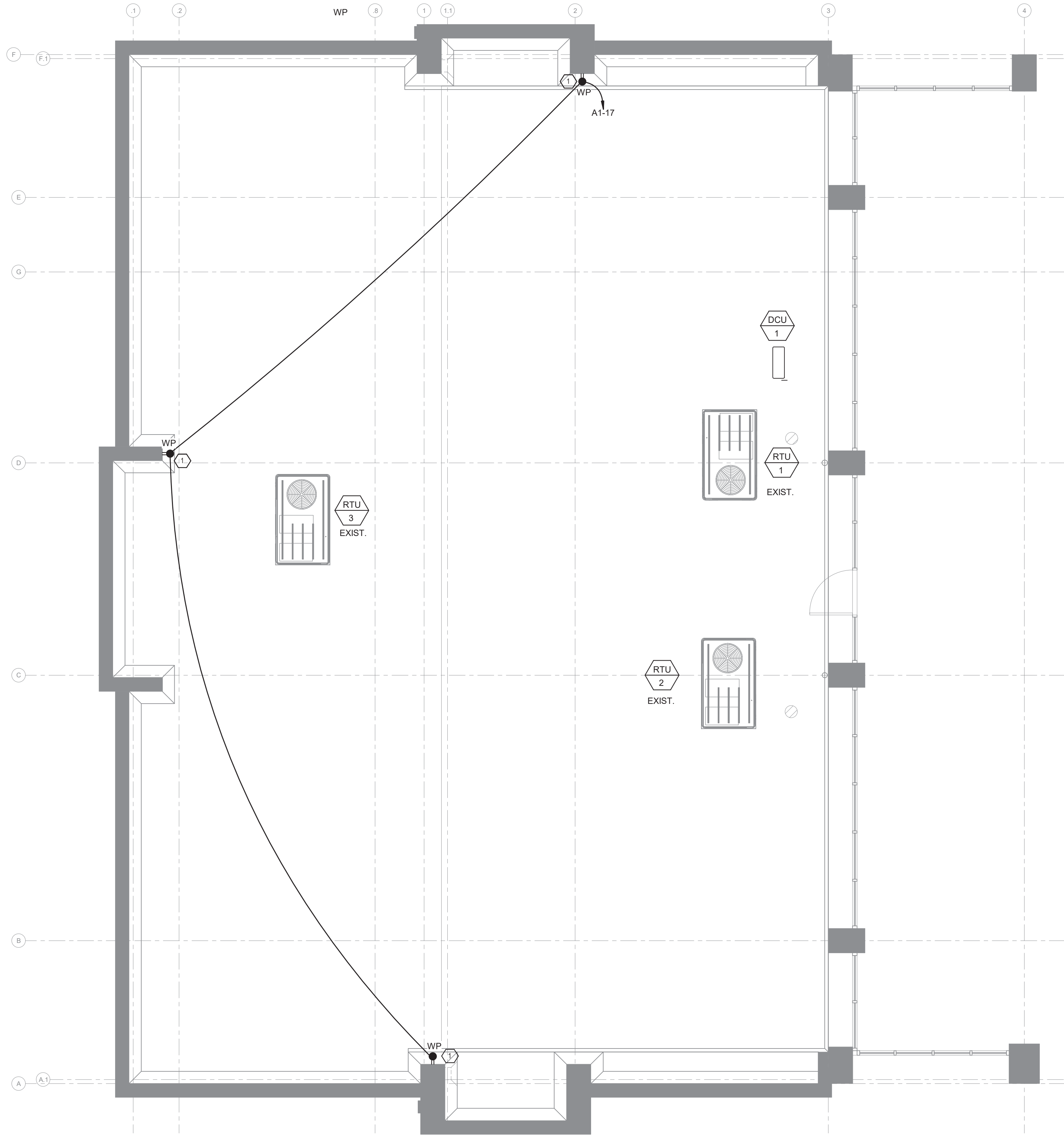
DRAWING TITLE

POWER PLAN

SHEET NUMBER

E1.20

5901 PEACHTREE DUNWOODY RD.
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30328
PHILLIPS PART.COM 770-394-1616



1 ROOF PLAN - POWER
E2.10 3/16" = 1'-0"

GENERAL NOTES:

- A. OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT, THE DIMENSIONS OF WHICH MAY AFFECT INSTALLATION. USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO INSURE MINIMUM CLEARANCES ARE MAINTAINED.
- B. ANY WALLS, CEILINGS, EQUIPMENT, ETC., DAMAGED BY THE CONTRACTOR IN CONSTRUCTION OF THIS PROJECT SHALL BE REPAIRED, RESTORED AND/OR REPLACED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION, OR TO PERFORM ITS INTENDED FUNCTION, AT NO ADDITIONAL COST TO OWNER.
- C. ALL WIRES SHALL BE TERMINATED WITHIN ELECTRICAL BOXES. NOT LEFT LOOSE.
- D. ALL JUNCTION BOXES AND RECEPTACLES SHALL INDICATE THE CIRCUITS CONTAINED WITHIN. PROVIDE TYPED LABEL AND PERMANENTLY AFFIX TO COVERPLATE.
- E. SEE ARCHITECTURAL DRAWINGS FOR ANY UNLISTED MOUNTING HEIGHTS FOR LIGHTS, DEVICES, AND EQUIPMENT.
- F. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTACTOR. REPAIR, CLEAN, AND REPLACE EXISTING EQUIPMENT, DEVICES, AND CONDUIT AS NEEDED.
- G. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
- H. RECEPTACLES INSTALLED ON EXTERIOR OF BUILDING MUST BE RATED AS REQUIRED BY JURISDICTION.
- I. WHERE ANY EQUIPMENT, DEVICE, OR CONDUIT PENETRATES A FIRE RATED WALL, FLOOR, OR CEILING, CONTRACTOR SHALL USE FIRE CAULK OR SIMILAR METHOD IN ORDER TO MAINTAIN FIRE RATING OF STRUCTURE.
- J. ALL GFCI OUTLETS THAT SHARE CIRCUIT WITH NON-GFCI DEVICES OR FIXTURES SHALL BE WIRED IN PARALLEL WITH NON-GFCI DEVICES OR FIXTURES SUCH THAT GFCI TRIP DOES NOT AFFECT USE OF OTHER DEVICES OR FIXTURES.

KEYED NOTES: (X)

1. VERIFY LOCATION(S) WITH OWNER. MUST HAVE LOCKABLE EXTERIOR BOXES.



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ROOF POWER PLAN

SHEET NUMBER

E2.10

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BUILDING A, SUITE 450
ATLANTA, GEORGIA 30328

PHILLIPSPART.COM

770-394-1616

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Branch Panel: A1(EXISTING PANELBOARD)															
Location: Supply From: Mounting: SURFACE Enclosure: NEMA 1				Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: EXISTING Mains Type: MCB Mains Rating: 200.00 A							
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT		
	FLOOR BOX	20 A	1	180	900					1	20 A	SEATING OUTLETS	2		
3	FLOOR BOX	20 A	1			180	1080			1	20 A	HALL/STORAGE OUTLETS	4		
5	CEILING/LIGHT RCPTS	20 A	1					360	360	1	20 A	CEILING/LIGHT RCPTS	6		
7	DIAMOND/KID ROOM OUTLETS	20 A	1	1260	1440					1	20 A	DIAMOND ROOM RCPTS	8		
9	SALES OUTLETS	20 A	1			1080	1440			1	20 A	DIAMOND/RECEPTION OUTLETS	10		
11	JEWELRY EQUIPMENT	40 A	2					3120	180	1	20 A	SALES OUTLETS	12		
13				3120	180					1	20 A	JEWELERS OUTLET	14		
15	JEWELERS OUTLET	20 A	1			180	3120			2	40 A	JEWELRY EQUIPMENT	16		
17	ROOFTOP RECEPTACLE	20 A	1					540	3120				18		
19	FLOOR BOX	20 A	1	180	180					1	20 A	FLOOR BOX	20		
21	JEWELERS OUTLET	20 A	1			180	180			1	20 A	FLOOR BOX	22		
23	JEWELERS OUTLET	20 A	1					180	180	1	20 A	FLOOR BOX	24		
25	JEWELERS OUTLET	20 A	1	360	360					1	20 A	DEDICATED TELECOM RECEPT	26		
27	RESTROOM OUTLETS	20 A	1			360	360			1	20 A	DEDICATED TELECOM RECEPT	28		
29	TELEPHONE BOARD	20 A	1					360	360	1	20 A	JEWELERS OUTLET	30		
31	DEDICATED TELECOM RECEPT	20 A	1	360	360					1	20 A	CEILING/LIGHT RCPTS	32		
33	DEDICATED TELECOM RECEPT	20 A	1			360	360			1	20 A	CEILING/LIGHT RCPTS	34		
35	DEDICATED TELECOM RECEPT	20 A	1					360	360	1	20 A	CEILING/LIGHT RCPTS	36		
37	COFFEE STATION OUTLET	20 A	1	500	7860								38		
39	COFFEE STATION OUTLET	20 A	1			500	2280						40		
41	COFFEE STATION OUTLET	20 A	1					500	4200	3	100 A	A1B	42		
Total Load:				17240 VA		11660 VA		14180 VA							
Total Amps:				146.90 A		97.17 A		121.40 A							
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals							
LIGHTING		0 VA		0.00%		0 VA		Total Conn. Load: 43080 VA							
RECEPTACLE		17700 VA		78.25%		13850 VA		Total Est. Demand: 39230 VA							
HVAC		0 VA		0.00%		0 VA		Total Conn. Current: 119.58 A							
HEATING		0 VA		0.00%		0 VA		Total Est. Demand Current: 108.89 A							
KITCHEN		0 VA		0.00%		0 VA		Non-Coinc. Heat/AC Current: 0.00 A							
LARGEST MOTOR		0 VA		0.00%		0 VA		Total Est. Demand Current-NC: 108.89 A							
MOTORS		0 VA		0.00%		0 VA		Total Est. Demand Load-NC 39230 VA							
MISCELLANEOUS		25380 VA		100.00%		25380 VA									
OTHER CONTINUOUS		0 VA		0.00%		0 VA									
* DENOTES PROVIDE LOCK-ON CIRCUIT BREAKER				+ DENOTES PROVIDE GFCI CIRCUIT BREAKER				# DENOTES PROVIDE AFCI CIRCUIT BREAKER							
Notes:															

Branch Panel: A2(EXISTING PANELBOARD)															
Location: Supply From: Mounting: SURFACE Enclosure: NEMA 1					Volts: 120/208 Wye Phases: 3 Wires: 4					A.I.C. Rating: EXISTING Mains Type: MCB Mains Rating: 200.00 A					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT		
	RP-1	20 A	1	0	90					1	20 A	SALES LIGHTING	2		
3	SIGNAGE	20 A	1			100	200			1	20 A	TIMECLOCK	4		
5	SIGNAGE	20 A	1					100	400	1	20 A	SALES LIGHTING	6		
7	SPARE	20 A	1	0	540					1	20 A	FLOOR BOXES	8		
9	SPARE	20 A	1			0	1095			1	20 A	SALES LIGHTING	10		
11	EXTERIOR LIGHTING	20 A	1					564	720	1	20 A	CUST SERVICE & CLERICAL RCPT	12		
13	FRONT ROOM LIGHTING	20 A	1	803	955					1	20 A	SALES LIGHTING	14		
15	REAR ROOM LIGHTING	20 A	1			1281	1650			1	20 A	SALES LIGHTING	16		
17	SALES LIGHTING	20 A	1					955	1000	1	20 A	VENDING "GFCI BREAKER"	18		
19	SPARE	20 A	1	0	180					1	20 A	GIFT WRAP OUTLETS	20		
21	SPARE	20 A	1			0	180			1	20 A	VAULT OUTLET	22		
23	SALES LIGHTING	20 A	1					1143	180	1	20 A	WATER COOLER "GFCI BREAKER"	24		
25	GIFT WRAP OUTLETS	20 A	1	360	180					1	20 A	EXTERIOR RECEPTACLES	26		
27	SALES OUTLETS	20 A	1			540	720			1	20 A	FLOOR BOXES	28		
29	CLERICAL OUTLETS	20 A	1					900	720	1	20 A	FLOOR BOXES	30		
31	DCU/DSS-1	15 A	2	1082	5032					3	60 A	RTU-1	32		
					1082	5032			34						
							900	5032						36	
														38	
35	LIGHT BOXES	20 A	1					900	5032				40		
37	RTU-2	60 A	3	5032	5032					3	50 A	RTU-3	42		
							5032	5032							
									5032				5032		
41								5032	5032				42		
		Total Load:		19285 VA		21943 VA		22677 VA							
		Total Amps:		160.71 A		186.26 A		192.38 A							
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals							
LIGHTING		9848 VA		125.00%		12310 VA		Total Conn. Load: 63786 VA							
RECEPTACLE		6220 VA		100.00%		6220 VA		Total Est. Demand: 66248 VA							
HVAC		47449 VA		100.00%		47449 VA		Total Conn. Current: 177.05 A							
HEATING		0 VA		0.00%		0 VA		Total Est. Demand Current: 183.88 A							
KITCHEN		0 VA		0.00%		0 VA		Non-Coinc. Heat/AC Current: 131.70 A							
LARGEST MOTOR		0 VA		0.00%		0 VA		Total Est. Demand Current-NC: 183.88 A							
MOTORS		69 VA		100.00%		69 VA		Total Est. Demand Load-NC 66248 VA							
MISCELLANEOUS		200 VA		100.00%		200 VA									
OTHER CONTINUOUS		0 VA		0.00%		0 VA									
* DENOTES PROVIDE LOCK-ON CIRCUIT BREAKER				+ DENOTES PROVIDE GFCI CIRCUIT BREAKER				# DENOTES PROVIDE AFCI CIRCUIT BREAKER							
Notes:															

Branch Panel: A1B													
Location: Supply From: A1 Mounting: SURFACE Enclosure: NEMA 1				Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: 10000A Mains Type: MLO Mains Rating: 100.00 A					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	DISHWASHER *GFCI BREAKER*	20 A	1	900	360					1	20 A	LOUNGE OUTLETS	2
3	FRIDGE *GFCI BREAKER*	20 A	1			180	2100						4
5								2100	2100	2	25 A	WH-3	6
7	WH-2	25 A	2	2100	4500					2	30 A	WH-1	8
9	SPACE	--	1			--	0						10
11	SPACE	--	1					--	--	1	--	SPACE	12
13	SPACE	--	1	--	--					1	--	SPACE	14
15	SPACE	--	1			--	--			1	--	SPACE	16
17	SPACE	--	1					--	--	1	--	SPACE	18
19	SPACE	--	1	--	--					1	--	SPACE	20
21	SPACE	--	1			--	--			1	--	SPACE	22
23	SPACE	--	1					--	--	1	--	SPACE	24
25	SPACE	--	1	--	--					1	--	SPACE	26
27	SPACE	--	1			--	--			1	--	SPACE	28
29	SPACE	--	1					--	--	1	--	SPACE	30
31	SPACE	--	1	--	--					1	--	SPACE	32
33	SPACE	--	1			--	--			1	--	SPACE	34
35	SPACE	--	1					--	--	1	--	SPACE	36
37	SPACE	--	1	--	--					1	--	SPACE	38
39	SPACE	--	1			--	--			1	--	SPACE	40
41	SPACE	--	1					--	--	1	--	SPACE	42
Total Load:				7860 VA		2280 VA		4200 VA					
Total Amps:				67.96 A		19.00 A		37.46 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
LIGHTING		0 VA		0.00%		0 VA		Total Conn. Load: 14340 VA					
RECEPTACLE		1440 VA		100.00%		1440 VA		Total Est. Demand: 14340 VA					
HVAC		0 VA		0.00%		0 VA		Total Conn. Current: 39.80 A					
HEATING		0 VA		0.00%		0 VA		Total Est. Demand Current: 39.80 A					
KITCHEN		0 VA		0.00%		0 VA		Non-Coinc. Heat/AC Current: 0.00 A					
LARGEST MOTOR		0 VA		0.00%		0 VA		Total Est. Demand Current-NC: 39.80 A					
MOTORS		0 VA		0.00%		0 VA		Total Est. Demand Load-NC: 14340 VA					
MISCELLANEOUS		12900 VA		100.00%		12900 VA							
OTHER CONTINUOUS		0 VA		0.00%		0 VA							
* DENOTES PROVIDE LOCK-ON CIRCUIT BREAKER			+ DENOTES PROVIDE GFCI CIRCUIT BREAKER			# DENOTES PROVIDE AFCI CIRCUIT BREAKER							
Notes:													



COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Diamonds Direct - Mayfair
Project Type: New Construction

Construction Site:
2600 N Mayfair Road
Wauwatosa, WI 53226

Owner/Agent:
Diamonds Direct

Designer/Contractor:
Andrew Swinford
Savant Engineering
5064 Roswell Road
Suite D 301
Sandy Springs, GA 30342
770-319-7400
ASwinford@savanteng.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Reduced Lighting Power: 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Retail	6198	1.13	7029
Total Allowed Watts =			7029

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Retail				
A: Other:	1	31	10	310
B: Other:	1	15	29	435
C: Other:	1	275	10	2750
D: Other:	1	2	16	32
D1: Other:	1	2	16	32
E: Other:	1	16	29	464
E1: Other:	1	13	29	377
F: Other:	1	4	35	140
F1: Other:	1	4	35	140
J: Other:	1	247	4	939
K: Other:	1	292	4	1022
P: Other:	1	2	31	62
P1: Other:	1	4	31	124
R: Other:	1	3	59	177
Total Proposed Watts =			7004	

Project Title: Diamonds Direct - Mayfair Report date: 07/07/23
Data filename: M:\2023\23099 Diamonds Direct - Wauwatosa, WI\Design\Electrical\Diamonds Direct Mayfair - Page 1 of 6
Wauwatosa, WI.cck

Interior Lighting PASSES: Design 0.4% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

A. Swinford - Electrical Designer

Signature

7/7/23

Name - Title

Date

Project Title: Diamonds Direct - Mayfair Report date: 07/07/23
Data filename: M:\2023\23099 Diamonds Direct - Wauwatosa, WI\Design\Electrical\Diamonds Direct Mayfair - Page 2 of 6
Wauwatosa, WI.cck



PHILLIPS

CONSULTANT

Jonathan
Gentry, PE

5064 Roswell Road, Suite D-301
Sandy Springs GA 30342 770.319.7400
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SEAL



ISSUE & REVISION RECORD

#	DATE	DESCRIPTION
	07/20/2023	T1 PERMIT SET

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PROJECT

DIAMONDS DIRECT

2600 N Mayfair RD
Wauwatosa, WI 53226

CLIENT



DIAMONDS DIRECT

PHILLIPS JOB NUMBER

2336402

ISSUE DATE

06/30/2023

DRAWN BY/CHECKED BY

AJS / JG

DRAWING TITLE

COMCHECK

SHEET NUMBER

E3.11

5901 PEACHTREE DUNWOODY RD.
BUILDING A, SUITE 450
ATLANTA, GEORGIA 30328

PHILLIPSPART.COM

770-394-1616

ISSUED FOR CONSTRUCTION