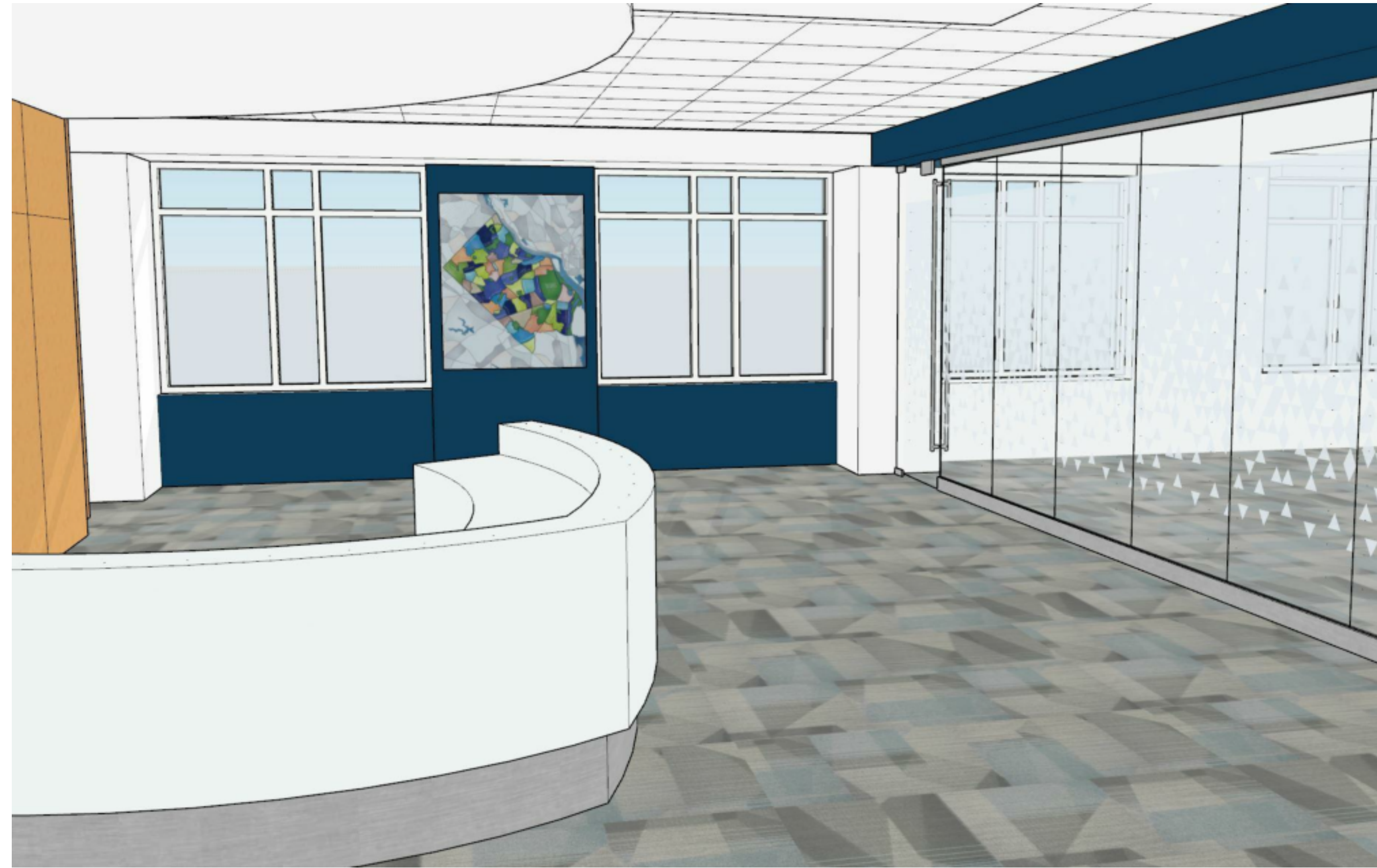


ARLINGTON ECONOMIC REDEVELOPMENT ALTERATION

BID SET
05/02/2023



3200 Langston Boulevard Arlington, VA 22207
703.528.8500 www.mtfafa.com

ARLINGTON ECONOMIC DEVELOPMENT

1100 N. GLEBE RD.
SUITE 1500
ARLINGTON, VA 22203

MEP / FP
AMERESCO, Inc.
12001 Sunrise Valley Dr., Suite 205
Reston, VA 20151
703.214.0515

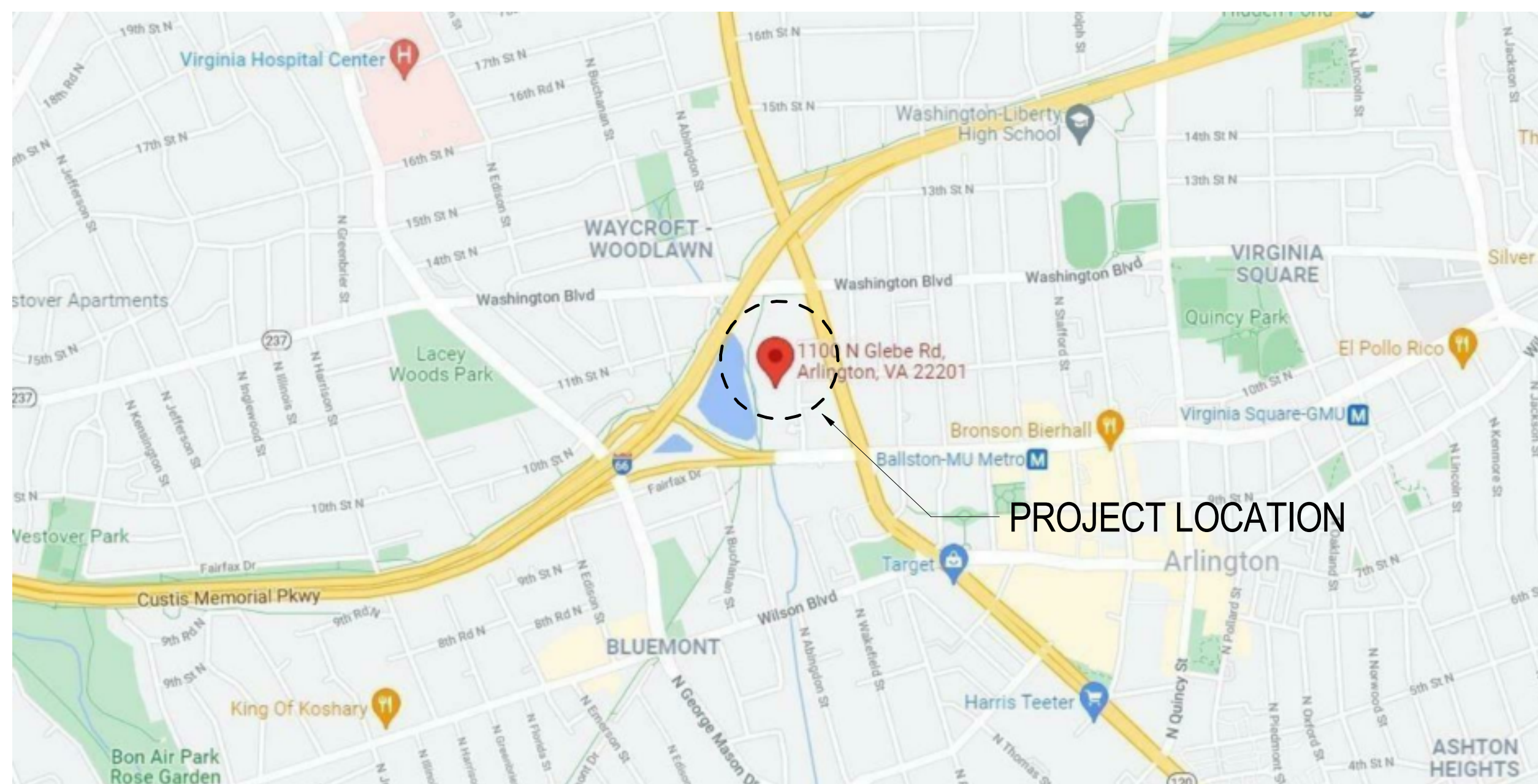


PROFESSIONAL CERTIFICATION
I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT
UNDER THE LAWS OF THE STATE OF VIRGINIA.
LICENSE NUMBER: 000665 EXPIRATION DATE:

PROJECT # 21075

DATE: 03/24/23
ISSUE: FINAL PERMIT SET
05/02/23 BID SET

LOCATION MAP



DRAWING SYMBOLS

	EXTERIOR ELEVATION REFERENCE		SPOT ELEVATION
	BUILDING / WALL SECTION		REVISION
	INTERIOR ELEVATION REFERENCE		ROOM NAME & NUMBER
	DETAILS		DOOR NUMBER
	COLUMN REFERENCE		WINDOW / LOUVER / GLASS TYPE
	PARTITION TYPE		KEY NOTE (First number indicates specification division)
	CEILING HEIGHT A.F.F.		DRAWING TITLE
	CEILING MATERIAL		DRAWING TITLE BACK REFERENCED

MATERIAL SYMBOLS

	CONCRETE		STEEL
	BATT INSULATION		SEALANT / CAULKING
	RIGID INSULATION		FINISH WOOD / HARD WOOD
	WOOD BLOCKING		BRICK
	CUT BLOCKING / SHIM		GYPSUM
	CONCRETE MASONRY		

DRAWING INDEX

PERMIT SET	03-30-23 FINAL PERMIT SET	SHEET #	SHEET NAME
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	CS01		COVER SHEET
	LS101		CODE ANALYSIS
03-Architectural Demolition			
	AD-101		DEMOLITION FLOOR PLAN
	AD-111		DEMOLITION REFLECTED CEILING PLAN
04-Architectural			
	A-101		NEW WORK FLOOR PLAN
	A-111		NEW WORK REFLECTED CEILING PLAN
	A-301		INTERIOR ELEVATIONS
	A-401		ENLARGED PLANS AND DETAILS
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05-Architectural Finishes			
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05-Mechanical General			
	MA001		GENERAL NOTES, SYMBOLS & ABBREVIATIONS
06-Mechanical Demolition			
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	MA601		EQUIPMENT SCHEDULES
08-Electrical General			
	E-001		GENERAL NOTES & SYMBOLS
	E-002		ABBREVIATIONS, SYMBOLS & LEGEND
09-Electrical Demolition			
	ED101		15TH FLOOR POWER PLAN - DEMOLITION
	ED102		15TH FLOOR LIGHTING PLAN - DEMOLITION
10-Electrical			
	E-101		15TH FLOOR POWER PLAN - NEW WORK
	E-102		15TH FLOOR LIGHTING PLAN - NEW WORK
	E-601		LIGHTING FIXTURE SCHEDULE AND DETAILS

ABBREVIATIONS

AB ANCHOR BOLT	CAB CABINET	DIV DIVISION (DIVIDED)	FLUOR FLEXIBLE	INT INTERIOR	MLDG MOLDING	PSI POUNDS PER SQUARE INCH	SSK SERVICE SINK	VCT VINYL COMPOSITE TILE
ABV ABOVE	CEM CEMENT	DN DOWN	FR FLASHING	JAN JANITOR	MO MASONRY OPENING	PT PAINT	STA STATION	VERT VERTICAL
ACC ACCESS	CF CUBIC FOOT (FEET)	DR DOOR	FRFP FLUORESCENT	JBE JOIST BEARING ELEVATION	MOD MODIFIED	PTD PAINTED	STC SOUND TRANSMISSION CLASS	VF VERIFY IN FIELD
ACOUS ACOUSTICAL	CI CAST IRON	DS DOWN SPOUT	FRT FRAME	JST JOIST	MTD MOUNTED		STD STANDARD	
ACP ACOUSTICAL PANEL CEILING	CJ CONTROL JOINT	DW DISHWASHER	FR FIRE PROOFING	JT JOINT	N, NO NORTH	QT QUARRY TILE	STL STEEL	W WEST
AD AREA DRAIN	CD CONTROL JOINT	DWS DRAWINGS	FTG FIRE RETARDANT TREATED		NIC NOT IN CONTRACT	QTY QUANTITY	STN STAIN	WI WITH
ADJ ADJUSTABLE	CL, CLO CLOSET	DWR DRAWER	FT FOOTING		NRC NOISE REDUCTION COEFFICIENT		STOR STORAGE	WIO WITH OUT
AFV ABOVE FINISH FLOOR	CLG CEILING		FVC FURRING	KD KNOCK DOWN	NTS NOT TO SCALE		STRUCT STRUCTURAL	WD WOOD
AHU AIR HANDLING UNIT	CLL CONTRACT LIMIT LINE	E EAST		KIT KITCHEN	OD OUTSIDE DIAMETER	RAD RADIUS	SUSP SUSPENDED	WH WATER HEATER
ALT ALTERNATE	CLR CLEAR	EA EACH	GA GAUZE	KO KNOCK OUT	OC ON CENTER	RCP REFLECTED CEILING PLAN	SW SWITCH	WP WATERPROOFING
ALUM ALUMINUM	CMU CONCRETE MASONRY UNIT	EJ EXPANSION JOINT	GALV GALVANIZED	LAM LAMINATED	OF OVERALL	RD ROOF DRAIN	SYS SYSTEM	WR WATER RESISTANT
ANC ANCHORS	CR CORNER	EL ELEVATION	GB GYPSUM BOARD	LAV LAVATORY	OC ON CENTER	REF REFERENCE		WT WEIGHT
APPROX APPROXIMATE	CO CLEAN OUT	ELEC ELECTRICAL	GC GENERAL CONTRACTOR	LIN LINEAR	OD OUTSIDE DIAMETER	REFG REFRIGERATOR		
ARCH ARCHITECT	COL COLUMN	ELEV ELEVATION	GL GLASS	LP LOWPOINT	OFPI OWNER FURNISHED / CONTRACTOR INSTALLED	REINFR REINFORCED (ING)	T&G TONGUE & GROOVE	
AUTO AUTOMATIC	CONC CONCRETE	ENCL ENCLOSURE	GR GRADE	LT LIGHT	OPG OPPOSITE HAND	REQ REQUIRED	T.O.STL TOP OF STEEL	
AVG AVERAGE	CONST CONSTRUCTION	ENT ENTRANCE	GRB GYPSUM WALLBOARD	LW LIGHTWEIGHT	OPG OPPOSITE HAND	RES RESILIENT	TB TACK BOARD	
	CNT CONTINUOUS	EQ EQUAL			OPP OPPOSITE	REV REVISION	TRR TO BE REMOVED	
B BATHROOM	CPT CARPET	EQUIP EQUIPMENT	HB HOSE BIB	MACH MACHINE	OP HD OVERHEAD	RO ROUGH OPENING	TEL TELEPHONE	
BD BEAD	CS COURSES	ETR EXISTING TO REMAIN	HC HOLLOW CORE	MAINT MAINTENANCE	OPG OPPOSITE	RTU ROOF TOP UNIT	TEMP TEMPERED	
BIT BITUMINOUS	CT CERAMIC TILE	EWC ELECTRIC WATER COOLER	HD HEAVY DUTY	MATL MATERIAL	OPP OPPOSITE	SC SOLID CORE	THK THICK	
BLDG BUILDING	EX EXISTING	EXP EXPANSION	HWV HARDWARE	MAX MAXIMUM	PLAM PLASTIC LAMINATE	SCHED SCHEDULE	THR THRESHOLD	
BLK BLOCK	CTSK COUNTER SUNK		HWR HARDWARE	MB MARKER BOARD	PAR PARTIAL	SCHWD SOLID CORE WOOD DOOR	TO TOP OF	
BLKG BLOCKING		FD FLOOR DRAIN	HM HOLLOW METAL	MEZ MEZZANINE	SECT SECTION	SECT SECTION	TOS TOP OF SLAB	
BM BEAM	DBL DOUBLE	FEIC FIRE EXTINGUISHER	HORIZ HORIZONTAL	MDF MEDIUM DENSITY FIBERBOARD	SF SQUARE FOOT (FEET)	SFPS STRETCHED FABRIC PNL SYS	TV TELEVISION	
BO BY OWNER	DEPT DEPARTMENT	FT FINISH GRADE	HP HIGH POINT	MECH MECHANICAL	SHR SHOWER	SHT SHEET	UL UNDERWRITER'S LABORATORIES	
BOT BOTTOM	DET DETAIL	FT&E FOOT (FEET)	HT HEIGHT	MEMB MEMBRANE	SHR SHOWER	SHT SHEET	UNF UNFINISHED	
BRD BOARD	DF DRINKING FOUNTAIN	FG FINISHED FLOOR	HVAC HEATING, VENT, AIR CONDITIONING	MEP MECHANICAL, ELECTRICAL, PLUMBING	SL SLIDING	SIM SIMILAR	UNO UNLESS NOTIFIED (NOTED) OTHERWISE	
BRKT BRACKET	DH DOUBLE HUNG	FN FIXTURE FURNITURE & EQUIPMENT	ID INSIDE DIAMETER	MET, MTL METAL	SL SLIDING	SL SLIDING	UR URINAL	
BSL BUILDING SETBACK LINE	DIA DIAMETER	FL FIRE VALVE CABINET	IGU INSULATED GLASS UNIT	MEZZ MEZZANINE	SL SLIDING	SL SQUARE	UTL UTILITY	
BSMT BASEMENT	DIFF DIFFUSER	FINSH FINISH	INST INSTALLATION	MFR MANUFACTURER	SS, S.STL STAINLESS STEEL			
BU BUILT UP	DM DIMENSION	FLEX FLOOR	INSUL INSULATION	MIN MINIMUM				
	DISP DISPENSER			MISC MISCELLANEOUS				

DRAWN: CHECKED:
KM MJ

SCALE: AS INDICATED

SHEET TITLE: COVER SHEET

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SHEET #

CS01

11" TYP

Maximum Approved Occupant Load

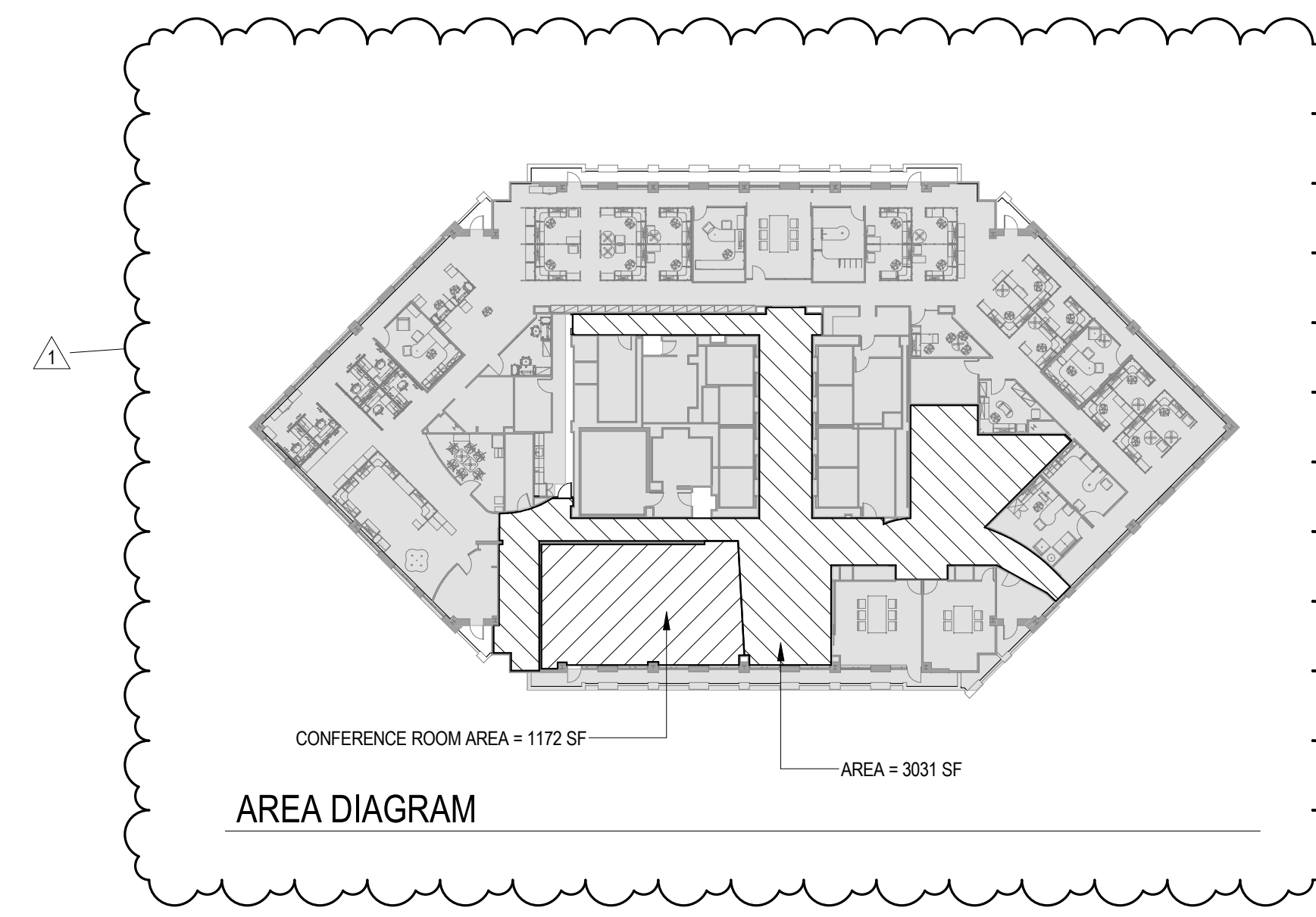
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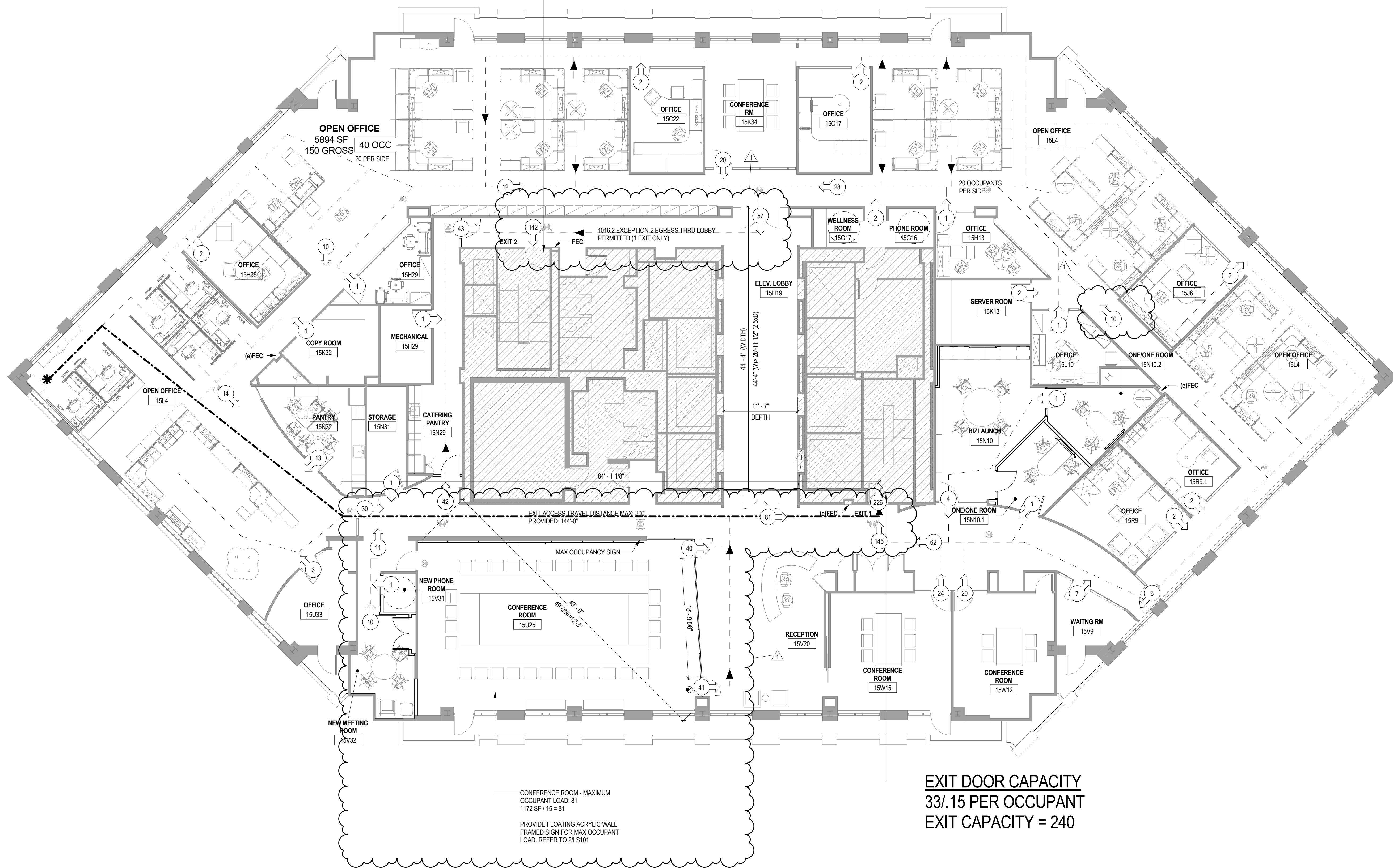
ARLINGTON ECONOMIC DEVELOPMENT
CONFERENCE ROOM 15L25

PROVIDE SIGN AS DOWNLOADED FROM:
<https://www.arlingtonva.us/Government/Programs/Building/Permits/Commercial>

3 **MAXIMUM OCCUPANCY LOAD SIGN**
SCALE: 1/4" = 1'-0"



EXIT DOOR CAPACITY
33/.15 PER OCCUPANT
EXIT CAPACITY = 240



CODE ANALYSIS - GENERAL

REVIEW AGENCIES: ARLINGTON COUNTY

APPLICABLE CODES:

- 2018 VIRGINIA EXISTING BUILDING CODE: LEVEL-2 ALTERATION
- INTERNATIONAL BUILDING CODE (IBC 2018)
- INTERNATIONAL MECHANICAL CODE (LATEST EDITION)
- THE ARCHITECTURE BARRIERS ACT ACCESSIBILITY STANDARD GUIDELINES
- ASBESTOS STANDARDS FOR THE CONSTRUCTION INDUSTRY: FOLLOW ALL PERTINENT LOCAL, STATE AND FEDERAL HEALTH SAFETY AND ENVIRONMENTAL REGULATIONS.
- NFPA 70 NATIONAL ELECTRIC CODE (NEC 20...) (LATEST EDITION)
- NFPA 70E NATIONAL ELECTRICAL SAFETY CODE (NFPA 70E)
- NFPA 101 LIFE SAFETY CODE (2021)
- FACILITIES STANDARDS FOR THE PUBLIC BUILDINGS SERVICE (P-100 2018)

BUILDING TYPE: 1B
USE GROUP OF RENOVATED AREA: BUSINESS (GROUP B) ASSEMBLY (GROUP A-3)

FIRE RESISTIVE REQUIREMENTS: ALL WORK DONE WITHIN CONFINES OF AREA OF WORK AND WILL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS.

SPRINKLERED: AREA IS CURRENTLY SPRINKLER-PROTECTED

ALTERATION AREA: APPROX 4203 SQ. FT.

OCCUPANCY: OCCUPANTS BASED ON BUSINESS ALLOWANCES

MAX LENGTH OF CLOSEST EXIT ACCESS: 300' (SPRINKLERED) PER TABLE 1017.2

MAX COMMON PATH OF TRAVEL: 85 FEET

DEAD END CORRIDOR: 50 FEET (SEE FLOOR PLAN FOR DEMONSTRATION OF COMPLIANCE TO VBC 1020.4 EXCEPTION-3)

EXIT ACCESS WIDTHS: CORRIDORS: 36" 50 PEOPLE MIN, 44" 50 PEOPLE MIN (FURNITURE LAYOUT IS DIAGRAMATIC & N.I.C. FOR REFERENCE ONLY)

ACCESSIBILITY: ALL NEW WORK MEETS THE ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARD (ABAAS) GUIDELINES

PLUMBING: NO CHANGE - IN ACCORDANCE WITH 2018 VIRGINIA EXISTING BUILDING CODE SECTION 603.10

OCCUPANT LOAD CALCULATION SHEET

Room Name	Room Number	Occupant Load Factor	Area	Occupancy	OCC
OFFICE	15C17	1/150	184 SF	B	2
OFFICE	15C22	1/150	184 SF	B	2
PHONE ROOM	15G16	1/150	45 SF	B	1
WELLNESS ROOM	15G17	1/150	49 SF	B	1
OFFICE	15H13	1/150	128 SF	B	1
ELEV. LOBBY	15H19	N/A	757 SF	CIRCULATION	0
OFFICE	15H29	1/150	124 SF	B	1
MECHANICAL	15H29	1/300	96 SF	S	1
OFFICE	15H35	1/150	184 SF	B	2
OFFICE	15J6	1/150	194 SF	B	2
SERVER ROOM	15K13	1/150	148 SF	B	1
COPY ROOM	15K32	1/300	143 SF	S	1
CONFERENCE RM	15K34	1/15	290 SF	A-3	20
OPEN OFFICE	15L4	1/150	594 SF	B	40
OFFICE	15L10	1/150	136 SF	B	2
BIZLAUNCH	15N10	1/150	327 SF	B	3
ONE/ONE ROOM	15N10.1	1/150	127 SF	B	1
ONE/ONE ROOM	15N10.2	1/150	135 SF	B	1
CATERING PANTRY	15N29	1/150	232 SF	B	2
STORAGE	15N31	1/300	101 SF	S	1
PANTRY	15N32	1/15	189 SF	B	13
OFFICE	15R9	1/150	222 SF	B	2
OFFICE	15R9.1	1/150	169 SF	B	2
CONFERENCE ROOM	15U25	1/15	1189 SF	A-3	81
OFFICE	15U33	1/150	172 SF	B	2
WAITING RM	15V9	1/15	99 SF	B	7
RECEPTION	15V20	1/150	713 SF	B	11
CORRIDOR	15V21		397 SF		
CORRIDOR	15V22		338 SF		
VESTIBULE	15V30		70 SF		
NEW PHONE ROOM	15V31	1/150	32 SF	B	1
NEW MEETING ROOM	15V32	1/15	136 SF	A-3	10
ELECTRICAL CLOSET	15V33		4 SF		
CONFERENCE ROOM	15W12	1/15	230 SF	A-3	20
CONFERENCE ROOM	15W15	1/15	358 SF	A-3	24
Grand Total:					258

EXIT CAPACITY CALCULATIONS

EXIT 1

COMPONENT EGRESS CAPACITY

DOOR NO. 401 CAPACITY FACTOR - 0.2
20.8' (36" PROVIDED)

194 TOTAL OCCUPANTS

EXIT 2

COMPONENT EGRESS CAPACITY

DOOR NO. 410 CAPACITY FACTOR - 0.2
20.8' (36" PROVIDED)

194 TOTAL OCCUPANTS

LEGEND (EGRESS PLANS)

- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION
- 2-HR FIRE SEPARATION
- 1-HR FIRE PARTITION
- ACCESSIBLE ROUTE
- TRIBUTARY EGRESS LOAD
- OCCUPANT LOAD EGRESS CAPACITY
- EXIT ACCESS TRAVEL DISTANCE
- EXISTING EXIT SIGN TO REMAIN
- NEW EXIT SIGN

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PROJECT # 21075

DATE: ISSUE:

03/24/23 FINAL PERMIT SET 1

04/11/23 PERMIT REVISION 1 1

4/28/23 PERMIT REVISION 2 2

05/02/23 BID SET

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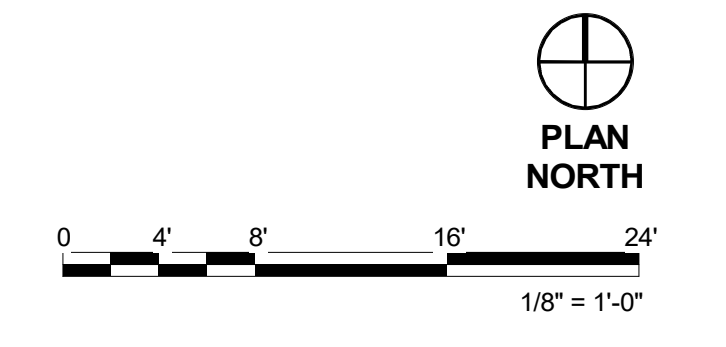
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SHEET TITLE: **CODE ANALYSIS**

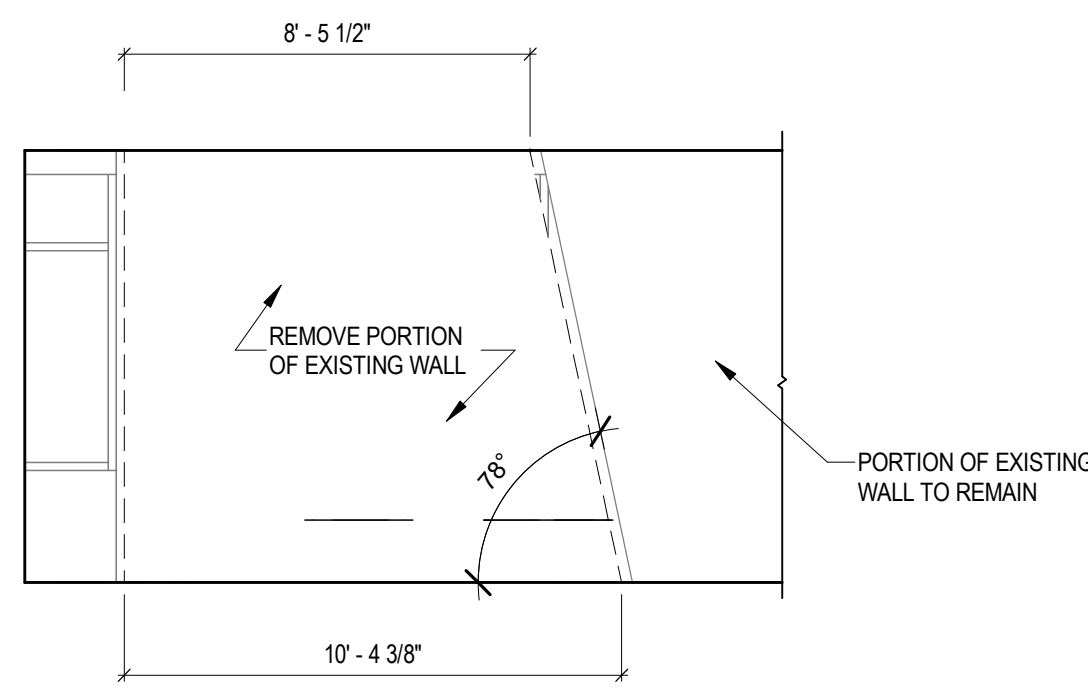
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SHEET #

1 **LIFE SAFETY FLOOR PLAN**
SCALE: 1/8" = 1'-0"



LS101



2 DEMO ELEVATION DETAIL
AD-101 SCALE: 1/4" = 1'-0"

KEYNOTES		GENERAL NOTES (DEMOLITION PLANS)	
02.03	REMOVE EXISTING FINISH FLOORING INCLUDING ALL SUBSTRATES. PATCH FLOOR AS REQUIRED. PREPARE TO RECEIVE NEW FLOOR FINISHES.	1.	IF ANY DISCREPANCY EXISTS BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS, NOTIFY THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK. SEE SPECIFICATIONS FOR RFI PROTOCOL.
02.04	DEMOLISH PORTION OF EXISTING WALL. REFER TO DETAIL.	2.	WORK TO BE DONE IN ACCORDANCE WITH APPLICABLE CODES, ORDINANCES, AND ACCEPTED STANDARDS.
02.05	EXISTING INTERIOR WALL TO REMAIN. COORDINATE WITH EXTENTS OF NEW WORK.	3.	IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND CONFIRM EXISTING CONDITIONS AND TO NOTIFY THE ARCHITECT OF ANY UNFORESEEN OR ARE DIFFERENT FROM CONDITIONS THAT ARE DEPICTED IN THE CONTRACT DOCUMENTS.
02.06	CAREFULLY REMOVE EXISTING FINISH ONLY FROM THE FRONT DESK, SUPPORT/DRAWERS/ EXISTING CASEWORK TO REMAIN.	4.	DIMENSIONS DEMONSTRATE DESIGN INTENT AND SHALL BE COORDINATED WITH ACTUAL CONDITIONS. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS WITH EXISTING CONDITIONS.
02.09	EXISTING FLOORING TO REMAIN. PROTECT IN PLACE.	5.	AT REQUIRED CORE DRILLING, PERFORM STEEL REINFORCEMENT DETECTION OF EXISTING CONCRETE SLAB TO AVOID REBAR AND COORDINATE WITH ARCHITECT AND TELECOMMUNICATIONS PROVIDER FOR EXACT LOCATIONS AND REQUIREMENTS.
02.11	REMOVE EXISTING FLOOR FINISH THROUGHOUT THE AREA OF WORK, INCLUDING ANY UNDERLAYMENT. PREP TO RECEIVE NEW FLOOR.	6.	REMOVE DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS THAT ARE NOT TO BE REUSED FROM BUILDING SITE. TRANSPORT AND LEGALLY DISPOSE OF MATERIALS OFF SITE. RECYCLING SHOULD BE USED FOR ALL MATERIALS POSSIBLE.
02.14	REMOVE EXISTING AV EQUIPMENT IN ITS ENTIRETY.	7.	TENANTS AND ARCHITECT MUST BE NOTIFIED PRIOR TO START OF DEMOLITION OPERATIONS. UTILITIES SERVING AREAS NOT IN IMMEDIATE SCOPE AND OTHER TENANTS MUST BE MAINTAINED CONTINUOUSLY AND MUST REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION PROCESS. NO DEMOLITION IS TO OCCUR UNTIL AUTHORIZED.
02.15	REMOVE FLOOR OUTLET BANKS. REFER TO ELECTRICAL.	8.	DASHED LINES DENOTE MATERIALS TO BE REMOVED. WHERE DEMOLITION IS INDICATED, COMPLETELY REMOVE CONSTRUCTION TO PROVIDE CLEAN, UNIFORM SURFACES FOR CONSTRUCTION. SALVAGEABLE ITEMS IN GOOD CONDITION MUST BE SAVED AND RETURNED TO TENANT, UON.
02.16	REMOVE EXISTING WALL GRAPHICS(S). PREP SURFACE TO RECEIVE NEW WORK.	9.	REMOVE MISCELLANEOUS ACCESSORIES RELATED TO BUILDING MATERIALS/SYSTEMS REMOVAL, INCLUDING NAILS, SCREWS, SURFACE MOUNTED RACKWAYS/ CONDUITS, HARDWARE AND OTHER EXPOSED ITEMS ON PARTITIONS THAT ARE EXISTING TO REMAIN. PATCH AND REPAIR WALLS TO RECEIVE FINISHES.
02.17	EXISTING CASEWORK, PLUMBING FIXTURES AND APPLIANCES TO REMAIN. PROTECT DURING ALL WORK.	10.	INTERRUPTIONS IN SERVICE MUST BE SCHEDULED WITH LANDLORD AND TENANT IN ADVANCE. REFER TO SPECIFICATIONS AND GENERAL NOTES.
02.18	REMOVE PORTION OF WALL TO ACCOMMODATE NEW DOOR OPENING. REFER TO DOOR SCHEDULE AND NEW WORK PLAN FOR DOOR OPENING DIMENSIONS.	11.	ELECTRICAL DEVICES ON WALLS TO BE DEMOLISHED MUST BE REMOVED BACK TO SOURCE. MAINTAIN CONTINUITY OF CIRCUITS TO DEVICES TO REMAIN. REFER TO ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION AND LOCATIONS.
02.19	EXISTING DOORS TO REMAIN.	12.	PATCH AND FINISH EXISTING TO REMAIN WALLS AT REMOVED POWER/TELEDATA OUTLET AND JUNCTION BOX LOCATIONS AND AT AREAS ADJACENT TO DEMOLITION. REFER TO NEW WORK PLAN AND ENGINEERING DRAWINGS FOR MORE INFORMATION.
02.20	REMOVE EXISTING COUNTERTOP AND SUPPORTS WHERE ELEVATED. PREP RECEPTION DESK TO RECEIVE NEW COUNTERTOP.	13.	REMOVE FLOOR COVERING AND BASE AS SCHEDULED. REMOVE EXCESS DEBRIS AND MATERIALS FROM FLOOR SURFACE INCLUDING BUT NOT LIMITED TO LOOSEMANAGED FLASH PATCHING, GLUE, AND FLOORING MATERIAL BACKING. PREPARE FLOOR SLAB TO RECEIVE FLOOR FINISH AS SCHEDULED.
02.21	REMOVE EXISTING MONITOR TOWER AND ASSOCIATED EQUIPMENT.	14.	PROTECT EXISTING TO REMAIN ITEMS AND FINISHES FROM DAMAGE DURING CONSTRUCTION. PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COST TO THE TENANT.
02.22	REMOVE EXISTING WIRE SUPPORT SYSTEM. PATCH ANY HOLES AND FINISH TO MATCH ADJACENT.	15.	REFER TO REFLECTED CEILING DEMOLITION PLAN FOR ADDITIONAL DEMOLITION INFORMATION.
02.23	REMOVE PAMPHLET-RELATED CASEWORK IN ITS ENTIRETY.	16.	REFER TO ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DEMOLITION INFORMATION.
02.24	EXISTING WOOD PANELING ON WALL TO REMAIN. PROTECT DURING ALL WORK.	17.	FUMES AND DUST MUST BE CONTAINED WITHIN AREA. SEE SPECIFICATIONS REGARDING TEMPORARY BARRIERS.
02.54	EXISTING EXTERIOR WINDOWS TO REMAIN, TYPICAL.	18.	FOR CLARITY, NOT ALL ELEMENTS REQUIRING DEMOLITION ARE SHOWN ON PLANS, V.I.F.
02.55	REMOVE EXISTING LIGHTING AND SHADING CONTROLS FROM THIS WALL. REFER TO NEW WORK FOR RELOCATION.	19.	GENERAL CONTRACTOR MUST COORDINATE WITH ARCHITECT FOR EXISTING FIXTURES/ FURNITURE, EQUIPMENT AND SIGNAGE PRIOR TO REMOVAL.

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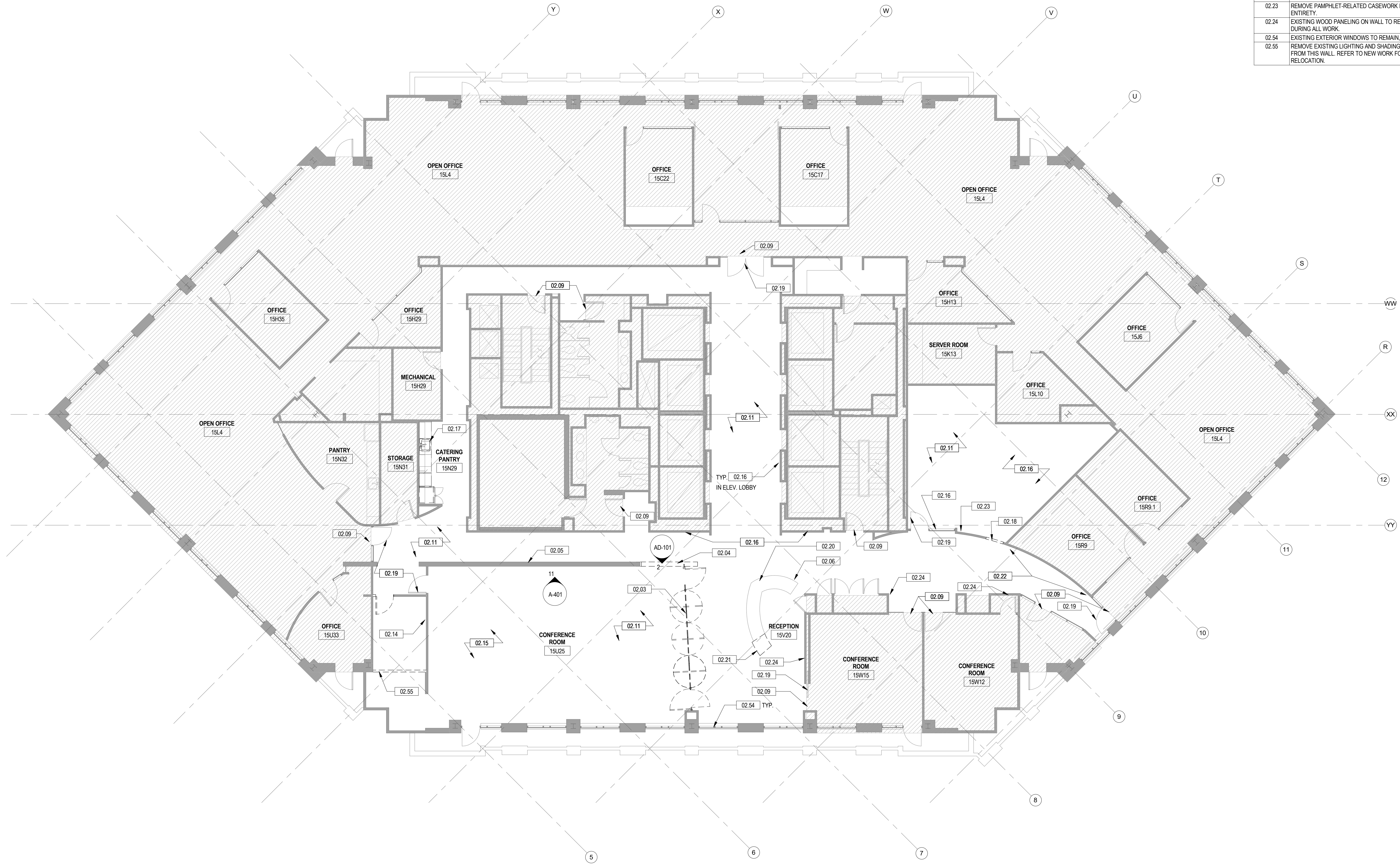
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PROFESSIONAL CERTIFICATION
I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF VIRGINIA.
LICENSE NUMBER: 1500000000 EXPIRATION DATE:

PROJECT # 21075

DATE: ISSUE:

1/10/22 DESIGN DEVELOPMENT
02/11/23 PERMIT SET
03/31/23 FINAL PERMIT SET
05/02/23 BID SET



1 DEMOLITION PLAN
AD-101 SCALE: 1/8" = 1'-0"

LEGEND (DEMOLITION PLANS)

	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED
	EXISTING CONSTRUCTION AREA NOT IN SCOPE OF WORK, SEE ENGINEERING DRAWINGS FOR RELATED WORK IN THIS AREA. PROTECT EXISTING FINISHES. EXISTING CONSTRUCTION TO REMAIN IS SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL VERIFY ALL EXISTING CONSTRUCTION IN THE FIELD PRIOR TO COMMENCEMENT OF WORK

PLAN NORTH

0 4' 8' 16' 24'

1/8" = 1'-0"

PROFESSIONAL CERTIFICATION
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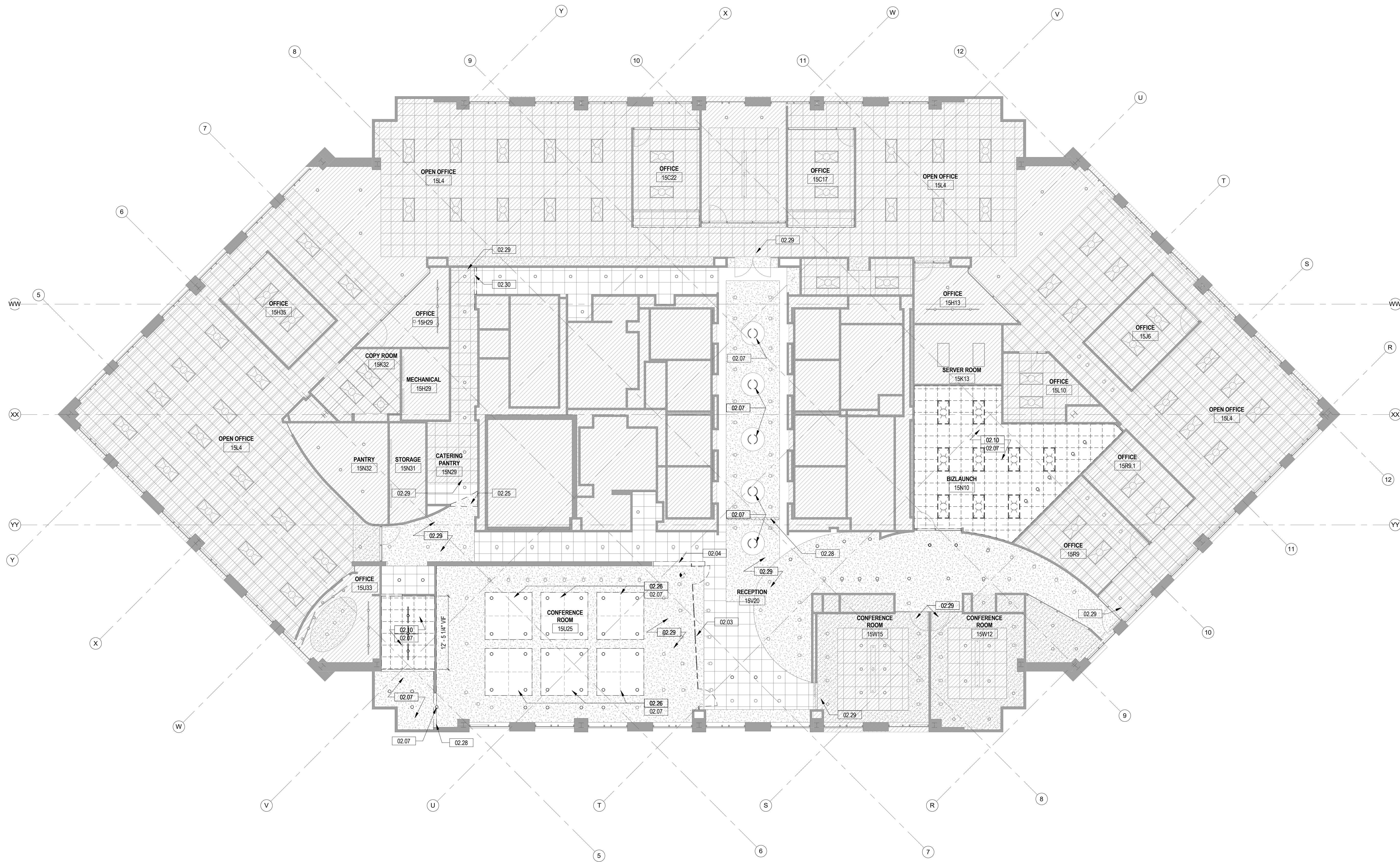
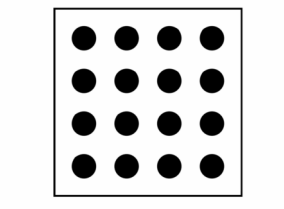
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SCALE: AS INDICATED

SHEET TITLE:
DEMOLITION FLOOR PLAN

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SHEET #

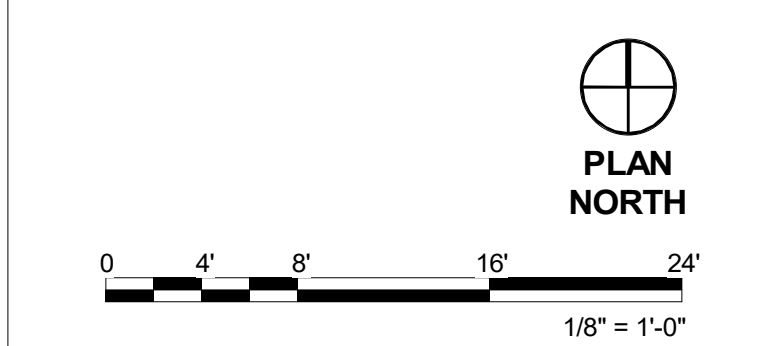
AD-101

KEYNOTES		GENERAL NOTES (DEMOLITION RCP)	
02.03	REMOVE EXISTING FINISH FLOORING INCLUDING ALL SUBSTRATES. PATCH FLOOR AS REQUIRED. PREPARE TO RECEIVE NEW FLOOR FINISHES.	1.	IF ANY DISCREPANCY EXISTS BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS, NOTIFY THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK. SEE SPECIFICATIONS FOR RFI PROTOCOL.
02.04	DEMOLISH PORTION OF EXISTING WALL. REFER TO DETAIL	2.	WORK MUST BE DONE IN ACCORDANCE WITH APPLICABLE CODES, ORDINANCES, AND ACCEPTED STANDARDS.
02.07	DEMOLISH EXISTING LIGHT FIXTURES. PROTECT SURROUNDING EXISTING TO REMAIN CEILING. REFER TO ELECTRICAL DRAWINGS.	3.	REFER TO ENGINEERING DRAWINGS FOR DEMOLITION/REMOVAL/RELOCATION NEW LOCATIONS OF EXHAUST FANS, EXH. LIGHTS, GRILLES, EMERGENCY LIGHTS, OCCUPANCY SENSORS, CIRCUITRY, SWITCHES, FIRE PROTECTION SYSTEMS INCLUDING FIRE ALARM AND SPRINKLERS, ETC. ARCHITECTURAL REFLECTED CEILING PLANS MAY NOT BE SHOWING ALL CEILING MOUNTED ITEMS AND THE CONTRACTOR IS TO REFER TO RELATED DISCIPLINE DRAWINGS FOR MORE INFORMATION. ARCHITECTURAL REFLECTED CEILING PLANS ARE FOR LOCATION DESIGN INTENT AND LIFE SAFETY ONLY.
02.10	DEMOLISH EXISTING ACT CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED FASTENERS AND HANGERS.	4.	IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND CONFIRM EXISTING CONDITIONS AND TO NOTIFY THE ARCHITECT OF EXISTING CONDITIONS THAT ARE UNFORESSEEN OR ARE DIFFERENT FROM CONDITIONS THAT ARE DEPICTED IN THE CONTRACT DOCUMENTS.
02.25	REMOVE PORTION OF EXISTING GYP. BD. CEILING AND PARTIAL ACT TILES. PREP AREA TO RECEIVE NEW WORK.	5.	REMOVE DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS THAT ARE NOT TO BE REUSED FROM BUILDING SITE. TRANSPORT AND LEGALLY DISPOSE OF MATERIALS OFF SITE. RECYCLING SHOULD BE USED FOR ALL MATERIALS POSSIBLE.
02.26	REMOVE EXISTING CEILING WITHIN COFFER SURROUNDING GYP. BD. CEILING TO REMAIN.	6.	PROTECT EXISTING TO REMAIN ITEMS AND FINISHES FROM DAMAGE DURING CONSTRUCTION. PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COST TO THE TENANT.
02.28	REMOVE PORTION OF EXISTING GYP. BD. CEILING. PROVIDE CLEAN EDGES IN PREPARATION OF NEW WORK.	7.	REFER TO ENGINEERING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DEMOLITION INFORMATION.
02.29	EXISTING CEILING TO REMAIN	8.	DASHED LINES DENOTE MATERIALS TO BE REMOVED. WHERE DEMOLITION IS INDICATED, COMPLETELY REMOVE TO PROVIDE CLEAN, UNIFORM SURFACES FOR NEW WORK. SALVAGEABLE ITEMS IN GOOD CONDITION MUST BE SAVED AND RETURNED TO TENANT, IF ANY.
02.30	REMOVE PORTION OF EXISTING CEILING. PREP TO RECEIVE NEW WORK.	9.	WHERE CEILING IS REMOVED, CEILING MOUNTED ELEMENTS NOT REMOVED INCLUDING BUT NOT LIMITED TO LIFE SAFETY, FIRE ALARM FIXTURES, SECURITY DEVICES, COMMUNICATION DEVICES, ACCESS PANELS, AND SIGNAGE MUST BE SUPPORTED AND PROTECTED FOR REUSE DURING CONSTRUCTION. CONTRACTOR MUST COORDINATE ITEMS TO BE DEMOLISHED WITH ALL CONTRACT DOCUMENTS.
		10.	ALL LIGHTS WITHIN SCOPE OF WORK TO REMAIN UNON. ALL LIGHTS OUTSIDE OF THE SCOPE OF WORK ARE EXISTING TO REMAIN.



1 DEMOLITION REFLECTED CEILING PLAN
AD-111 SCALE: 1/8" = 1'-0"

LEGEND (DEMOLITION RCP)	
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED
	EXISTING ARCHITECTURAL AREA NOT IN SCOPE OF WORK. SEE ENGINEERING DWGS FOR RELATED WORK IN THESE AREAS. PROTECT EXISTING FINISHES. EXISTING CONSTRUCTION TO REMAIN IS SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL VERIFY ALL EXISTING CONSTRUCTION IN THE FIELD.
	CEILING HEIGHT A.F.F.
	EXISTING 2'-0" X 2'-0" ACOUSTIC CEILING TILE - GRID ONLY TO REMAIN. CONTRACTOR TO REPAIR ANY DAMAGED GRID.
	EXISTING 2'-0" X 2'-0" ACOUSTIC CEILING TILE TO BE REMOVED
	EXISTING GWS CEILING SYSTEM TO REMAIN
	EXISTING 2'-0" X 4'-0" RECESSED LIGHT FIXTURE TO REMAIN
	EXISTING 2'-0" X 2'-0" RECESSED LIGHT FIXTURE TO REMAIN
	EXISTING RECESSED DOWNLIGHT FIXTURE TO REMAIN
	EXISTING RECESSED WALL WASHER LIGHT FIXTURE TO REMAIN
	EXISTING TRACK LIGHT TO REMAIN
	EXISTING PENDANT LIGHT FIXTURE TO REMAIN
	EXISTING 2'-0" X 4'-0" RECESSED LIGHT FIXTURE TO BE REMOVED
	EXISTING TRACK LIGHT TO BE REMOVED
	EXISTING PENDANT LIGHT FIXTURE TO BE REMOVED
	EXISTING RECESSED DOWNLIGHT FIXTURE TO BE REMOVED
	EXISTING RECESSED WALL WASHER LIGHT FIXTURE TO BE REMOVED
	EXISTING EXIT SIGN TO BE REMOVED, SEE ENGINEERING DWGS



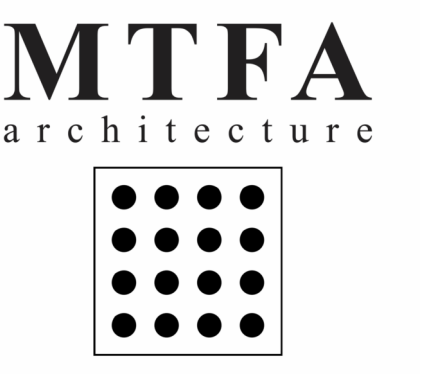
GENERAL NOTES (FLOOR PLANS)

- IF ANY DISCREPANCY EXISTS BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS, NOTIFY THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK. SEE SPECIFICATIONS FOR RFI PROTOCOL.
- WORK MUST BE DONE IN ACCORDANCE WITH APPLICABLE CODES, ORDINANCES, AND ACCEPTED STANDARDS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND CONFIRM EXISTING CONDITIONS AND TO NOTIFY THE ARCHITECT OF EXISTING CONDITIONS THAT ARE UNFORESEEN OR ARE DIFFERENT FROM CONDITIONS THAT ARE DEPICTED IN THE CONTRACT DOCUMENTS.
- REFER TO TELEDATA/POWER PLAN FOR MORE INFORMATION. COORDINATE WITH ARCHITECT FOR LOCATIONS AND SEE ENGINEERING DRAWINGS FOR SPECIFIC POWER REQUIREMENTS.
- DOORS WITHOUT NUMBERS ARE EXISTING TO REMAIN (ETR). SEE DOOR SCHEDULE AND HARDWARE IN SPECIFICATIONS FOR INFORMATION REGARDING NEW DOORS.
- PATCH AND PREP WALLS & FLOORS WHERE PREVIOUS CONSTRUCTION HAS BEEN REMOVED TO ALLOW PROPER INSTALLATION OF FINISHES. CONTRACTOR TO VERIFY IF MOISTURE CONTENT OF EXISTING CONCRETE SLAB IS SUITABLE TO RECEIVE FLOOR FINISH. PER MANUFACTURER'S INSTRUCTION, PREPARE FLOOR SLAB AND FLASH PATCH TO RECEIVE NEW FLOOR FINISH AS SCHEDULED. PROVIDE FLASH PATCHING TRANSITION AS REQUIRED TO ENSURE CONTINUOUS FLOORING. PATCH AND FINISH EXISTING TO REMAIN WALLS AT REMOVED POWER/TELEDATA OUTLET AND JUNCTION BOX LOCATIONS AND AT AREAS ADJACENT TO DEMOLITION. PATCHING AREA MUST BE CONSISTENT WITH EXISTING ADJACENT CONSTRUCTION. VIF. SEE SPECS FOR DEMOLITION REQUIREMENTS.
- PROTECT EXISTING TO REMAIN ITEMS AND FINISHES FROM DAMAGE DURING DEMOLITION.
- SEE FINISH PLAN AND SCHEDULES FOR FINISHES.
- CONTRACTOR TO CHALK OUT WALLS, DOORS, AND PARTITION LOCATIONS AT THE BEGINNING OF THE PROJECT FOR ARCHITECT'S REVIEW AND APPROVAL PRIOR TO PROCEEDING.
- FURNISH AND INSTALL FIRE RETARDANT BLOCKING IN PARTITIONS FOR WALL HUNG EQUIPMENT AND MILLWORK, SHELVING AND CABINETS. LOCATIONS AS SHOWN ON THE DRAWINGS. SIZE AND LOCATION OF BLOCKING MUST BE COORDINATED IN FIELD. NAILERS AND BLOCKING LOCATED IN THE CEILING PLENUM MUST BE FIRE RETARDANT TREATED AND TO BE LESS THAN 2" FLAME SPREAD/SMOKE DEVELOPED. PROVIDE TREATING THAT MEETS THIS REQUIREMENT.
- PROVIDE LIST OF LONG LEAD ITEMS, 8 WEEKS OR MORE, TO ARCHITECT AT BEGINNING OF PROJECT.
- REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHT AND ADDITIONAL INFORMATION.
- PENETRATIONS THROUGH FLOOR SLAB MUST BE FIRE RATED ASSEMBLIES TO MATCH ADJACENT EXISTING FLOOR CONSTRUCTION RATING. VIF. PROVIDE AND INSTALL FIRE RATED MINIMUM CLOSURE FIRESTOP PLUG OR CONCRETE FILL AT ABANDONED CORE DRILL LOCATIONS. PLUG IS TO MEET ASTM E814 (UL 1479) AND CANULOCK S15 AND BE UL CLASSIFIED. PROVIDE INSULATING FOAM AT FLOOR POKE-THRU AND CORE DRILLS. FOAM TO MATCH FIRE RATING AT ADJACENT CONSTRUCTION. VIF.
- SEE ENLARGED PLANS FOR DIMENSIONS, PARTITION TYPES, AND MORE INFORMATION IN AREAS SHOWN.
- WHERE DIMENSIONS ARE OMITTED FROM THE DRAWINGS, LOCATE THE PARTITIONS OR OTHER FEATURES IN SELF-EVIDENT POSITIONS (I.E. ALIGNED WITH THE FACE OF EXISTING PARTITION OR COLUMN, CENTERED ON OPENING, COLUMN, MULLION, OR SPACE ETC.).
- WHERE WALLS ARE TO ALIGN WITH EXISTING PARTITIONS AND/OR COLUMNS, REMOVE EXISTING CORNER BEAD, TAPE, SPACKLE, AND SAND SMOOTH JOINTS AS NECESSARY TO A POINT ALONG THE EXISTING SURFACE SO THAT THE FINISH IS NOT OBVIOUS.
- VERTICAL DIMENSIONS MUST BE MADE FROM THE HIGHEST POINT OF THE FLOOR SLAB TO ENSURE PROPER ALIGNMENT OF DOORS, BULKHEADS, ETC.
- LOCATE INSIDE EDGE OF DOOR FRAMES 4" FROM THE ADJACENT, PERPENDICULAR PARTITION, U.O.A. INSTALL FRAMES, DOORS, AND HARDWARE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- PATCH FIREPROOFING AT AREAS WHERE BOTTOM OF BEAM ABOVE ARE DISTURBED. SPRAY FIREPROOFING IS REQUIRED ONE FOOT DOWN AND ONE FOOT IN DEPTH FROM THE POINT OF CONNECTION TO THE STRUCTURAL MEMBER ON ALL SIDES.
- PENETRATIONS THROUGH WALLS MUST BE FIRE RATED ASSEMBLIES TO MATCH ADJACENT EXISTING OR NEW CONSTRUCTION RATING. VIF.

LEGEND (FLOOR PLANS)

- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION
- EXISTING CONSTRUCTION AREA NOT IN SCOPE OF WORK; SEE ENGINEERING DRAWINGS FOR RELATED WORK IN THESE AREAS. PROTECT EXISTING FINISHES. EXISTING CONSTRUCTION TO REMAIN IS SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL VERIFY ALL EXISTING CONSTRUCTION IN THE FIELD PRIOR TO COMMENCEMENT OF WORK.

PLAN NORTH



ARLINGTON ECONOMIC DEVELOPMENT

1100 N. GLEBE RD.
SUITE 1500
ARLINGTON, VA 22203

MEP / FP
AMERESCO, Inc.
1200 Sunrise Valley Dr., Suite 205
Reston, VA 20191
703.214.0515



PROFESSIONAL CERTIFICATION
I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF VIRGINIA.
LICENSE NUMBER: 40088 DATE: EXPIRATION DATE:

PROJECT # 21075

DATE: ISSUE: A
11/04/22 DESIGN DEVELOPMENT
02/11/23 PERMIT SET
03/31/23 FINAL PERMIT SET
05/02/23 BID SET

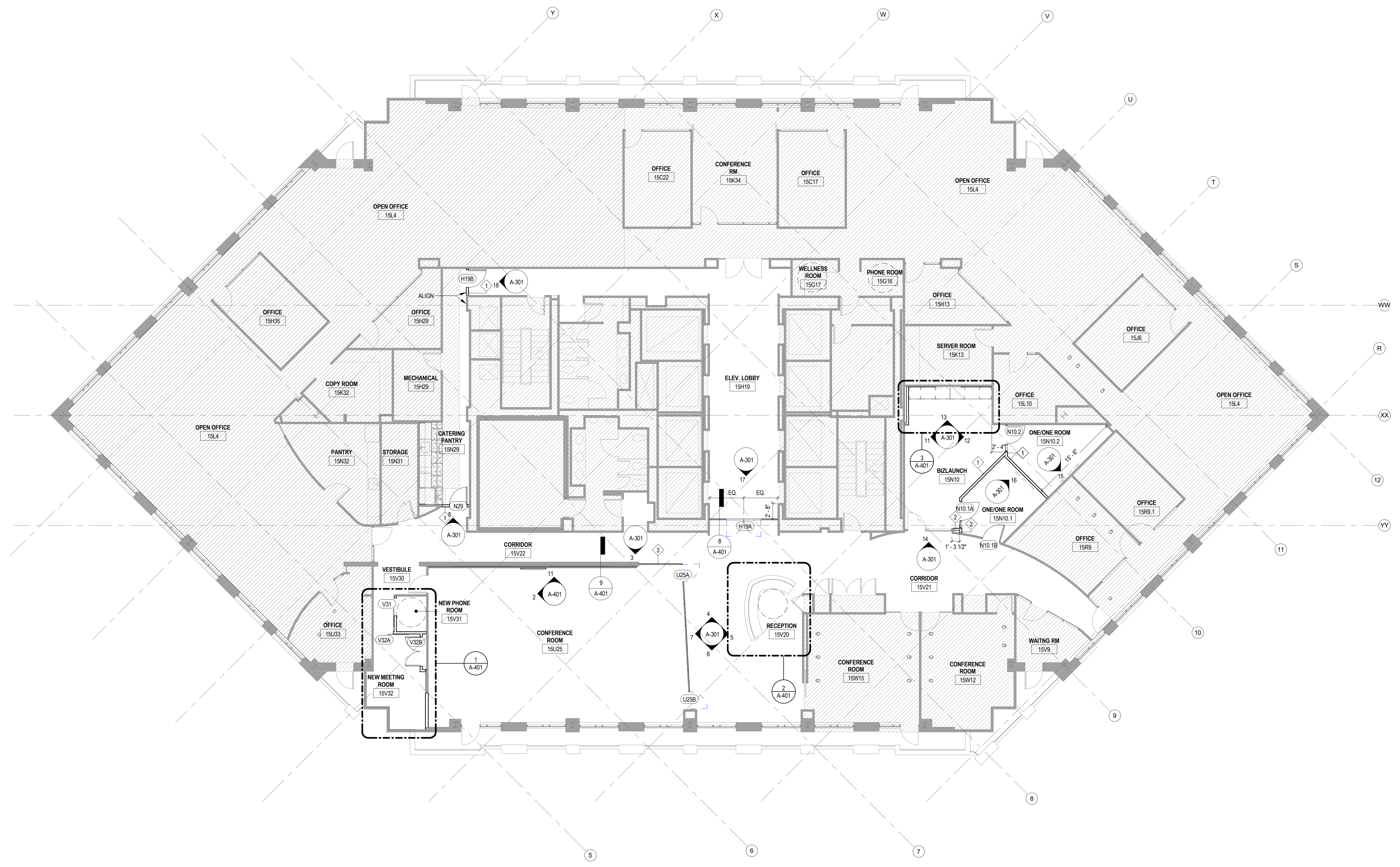
DRAWN: KM CHECKED: MJ
SCALE: AS INDICATED

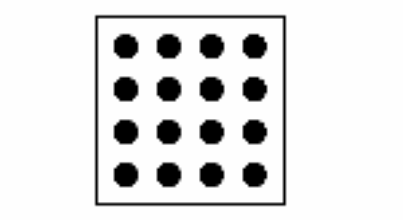
SHEET TITLE:
NEW WORK FLOOR PLAN

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SHEET #

A-101

1 NEW WORK FLOOR PLAN
A-101 SCALE: 1/8" = 1'-0"





GENERAL NOTES (REFLECTED CEILING PLANS)

- CEILING ELEVATIONS ARE BASED ON FINISHED FLOOR ELEVATIONS DIRECTLY BELOW MARKED LOCATIONS. VERIFY IN FIELD.
- REFER TO ENGINEERING DRAWINGS FOR DEMOLITION/REMOVAL/RELOCATION/NEW LOCATIONS OF EXHAUST FANS, EXIT LIGHTS, GRILLES, EMERGENCY LIGHTS, OCCUPANCY SENSORS, CIRCUITRY, SWITCHES, FIRE PROTECTION SYSTEMS INCLUDING FIRE ALARM AND SPRINKLERS, ETC. ARCHITECTURAL REFLECTED CEILING PLANS MAY NOT BE SHOWING ALL CEILING MOUNTED ITEMS AND THE CONTRACTOR IS TO REFER TO RELATED DISCIPLINE DRAWINGS FOR MORE INFORMATION. ARCHITECTURAL REFLECTED CEILING PLANS ARE FOR LOCATION DESIGN INTENT AND LIFE SAFETY ONLY.
- SEE ENGINEERING DWGS AND SPECIFICATIONS FOR SWITCH AND COVER PLATE COLOR/MATERIAL.
- SWITCHES MUST BE MOUNTED 4" FROM DOOR JAMB AND 48" MAX AFF TO CENTERLINE OF SWITCH. UON GANG MULTIPLE SWITCHES WITH SINGLE COVER PLATE.
- CENTER SPRINKLER HEADS IN THE CEILING TILE. UON. SEE ENGINEERING DWGS FOR MORE INFORMATION.
- CONTRACTOR MUST VERIFY IN FIELD FOR EXISTING CONDITIONS OF THE AREAS WHERE EXISTING CEILING IS TO REMAIN. PATCH, TOUCH-UP, OR REPLACE DAMAGED CEILING TILES OR GWB CEILING AND RELATED ITEMS TO COORDINATE WITH DEMOLITION AND INSTALLATION OF WORK.
- REGULAR CEILING TILE MUST BE CUT TO MATCH FACTORY PROFILE EDGE AT PARTITIONS. PAINT EXPOSED EDGE OF TILE TO MATCH CEILING TILE. TILE SHOULD NOT RUN OVER SLAB TO CEILING PARTITIONS.

KEYNOTES

09.01	GWB BULKHEAD
09.02	GWB BULKHEAD TO MATCH HEIGHT OF ADJACENT ACT CEILING
26.01	LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
26.02	NEW LIGHTING FIXTURES. SEE ELECTRICAL DWGS

LEGEND (REFLECTED CEILING PLANS)

- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION
- EXISTING ARCHITECTURAL AREA NOT IN SCOPE OF WORK. SEE ENGINEERING DWGS FOR RELATED WORK IN THESE AREAS. PROTECT EXISTING FINISHES. EXISTING CONSTRUCTION TO REMAIN IS SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL VERIFY ALL EXISTING CONSTRUCTION IN THE FIELD.
- 9'-0" CEILING HEIGHT A.F.F.
- EXISTING 2'-0" X 2'-0" ACOUSTIC CEILING TILE TO REMAIN
- EXISTING 4'-0" X 4'-0" ACOUSTIC CEILING TILE TO REMAIN
- NEW 2'-0" X 2'-0" ACOUSTIC CEILING TILE
- EXISTING GWB CEILING SYSTEM TO REMAIN
- NEW GWB CEILING SYSTEM
- EXISTING 2'-0" X 4'-0" RECESSED LIGHT FIXTURE TO REMAIN
- EXISTING 2'-0" X 2'-0" RECESSED LIGHT FIXTURE TO REMAIN
- EXISTING RECESSED DOWNLIGHT FIXTURE TO REMAIN
- EXISTING RECESSED WALL WASHER LIGHT FIXTURE TO REMAIN
- EXISTING TRACK LIGHT TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- NEW 2'-0" X 4'-0" RECESSED LIGHT FIXTURE. SEE ENGINEERING DWGS
- NEW 2'-0" X 2'-0" RECESSED LIGHT FIXTURE. SEE ENGINEERING DWGS
- NEW RECESSED DOWNLIGHT FIXTURE. SEE ENGINEERING DWGS
- NEW PENDANT LIGHT FIXTURE. SEE ENGINEERING DWGS
- NEW RECESSED LINEAR LIGHT FIXTURE. SEE ENGINEERING DWGS
- NEW UNDER COUNTER STRIP LIGHT FIXTURE. SEE ENGINEERING DWGS
- EXISTING EXIT SIGN
- EXISTING DIRECTIONAL EXIT SIGN



PROFESSIONAL CERTIFICATION
I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR SUPERVISED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF VIRGINIA.
LICENSE NUMBER: 197307 EXPIRATION DATE:

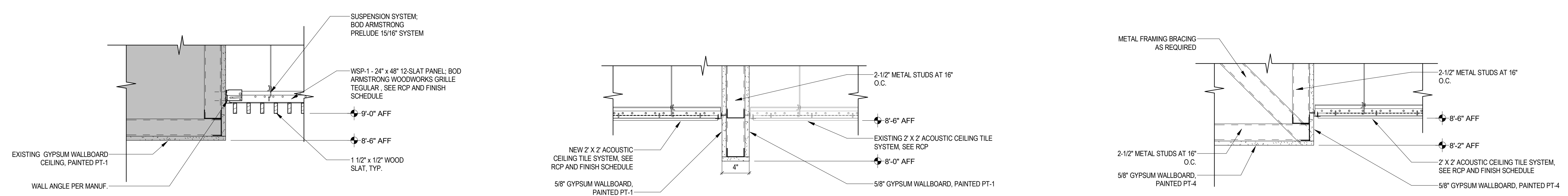
PROJECT # 21075

DATE: 03/24/23
ISSUE: FINAL PERMIT SET
04/11/23 PERMIT REVISION 1
05/02/23 BID SET

DRAWN: KM, KG
SCALE: AS INDICATED
SHEET TITLE: NEW WORK REFLECTED CEILING PLAN

NEW WORK REFLECTED CEILING PLAN

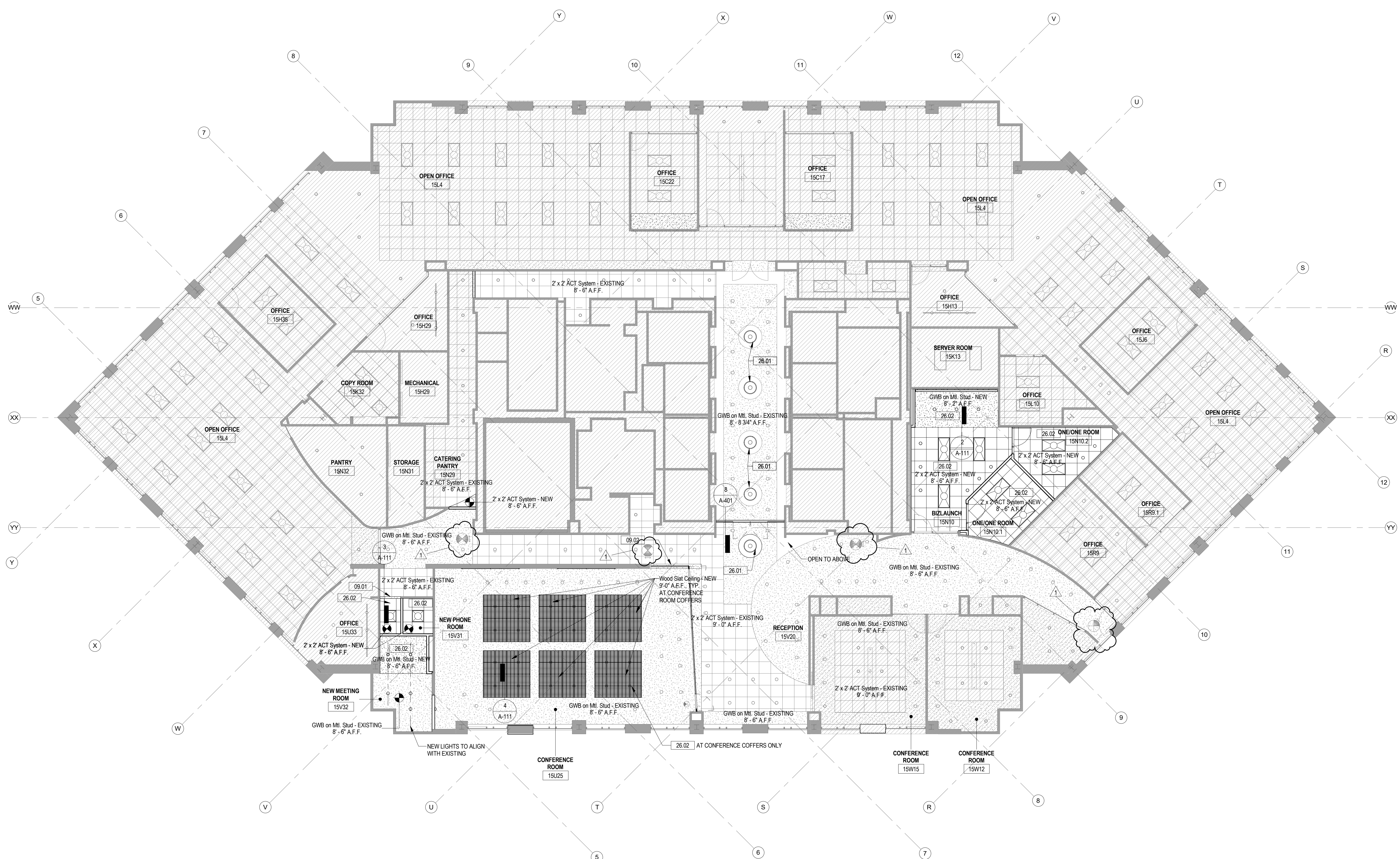
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SHEET #



4 CEILING DETAIL AT CONFERENCE ROOM COFFERS
SCALE: 1 1/2" = 1'-0"

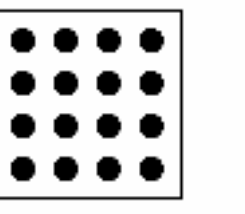
3 BULKHEAD DETAIL AT VESTIBULE
SCALE: 1 1/2" = 1'-0"

2 BULKHEAD DETAIL AT BIZLAUNCH
SCALE: 1 1/2" = 1'-0"



1 NEW WORK REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



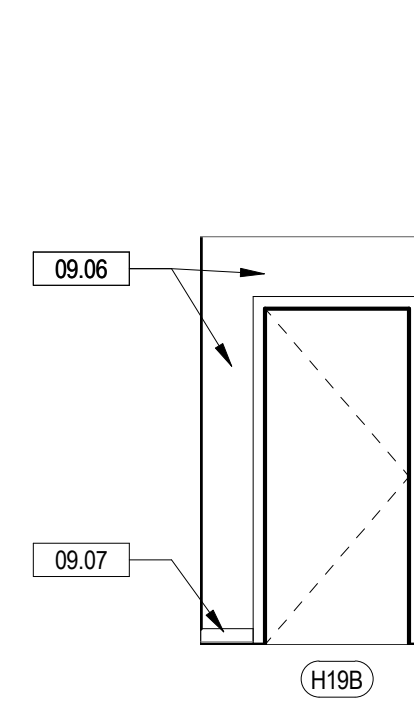


KEYNOTES

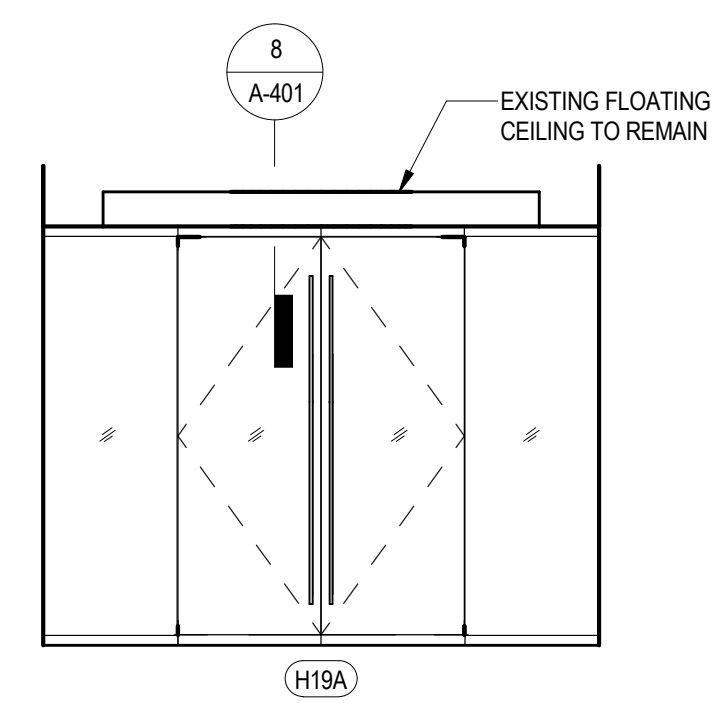
09.06	WALL PAINT AT GMB WALL, TYP. SEE FINISH SCHEDULE
09.07	RB-1 RESILIENT BASE, TYP. SEE FINISH SCHEDULE
09.08	PT-5 WALL PAINT. SEE FINISH SCHEDULE
09.11	EXISTING WOOD WALL VENEER TO REMAIN
09.13	NEW WALL MURAL. COORDINATE WITH TENANT.
09.14	PT-4 WALL PAINT. SEE FINISH SCHEDULE
09.15	TB-1 BACKSPLASH. SEE FINISH SCHEDULE
09.16	CUT PRIVACY FILM AT MULLION. CONTINUE TO NEXT MULLION. (2) CUTS TOTAL IN VERTICAL DIRECTION. VERIFY DISTANCE BETWEEN MULLIONS IN FIELD. USE ENTIRE LENGTH OF FILM
09.24	PROVIDE PRIVACY FILM ON GLASS. SEE FINISH SCHEDULE.
10.06	VIDEO MONITOR, NIC. PROVIDE BLOCKING IN WALL. COORDINATE LOCATION WITH OWNER.
10.10	PROVIDE MAX OCCUPANCY SIGNAGE AS DOWN DATED FROM PERMIT ARLINGTON. REFER TO L1101 FOR LINK BOO FOR SIGNAGE - SHOPPOP DISPLAYS FLOATING ACRYLIC WALL FRAME WITH METAL STANDOFFS
11.01	WALL-MOUNTED TV (NIC). PROVIDE BLOCKING
11.02	WALL-MOUNTED GLASS WHITEBOARD

LEGEND (INTERIOR ELEVATIONS)

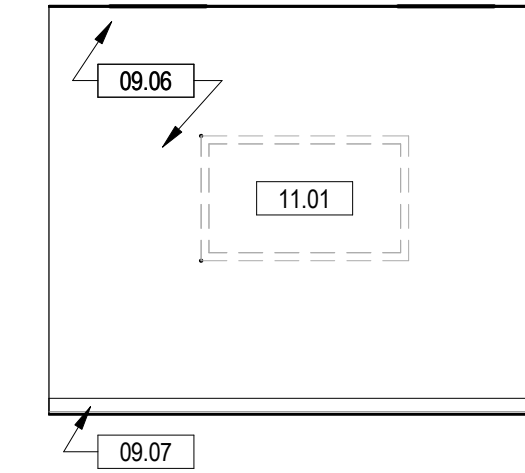
	EXISTING CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION



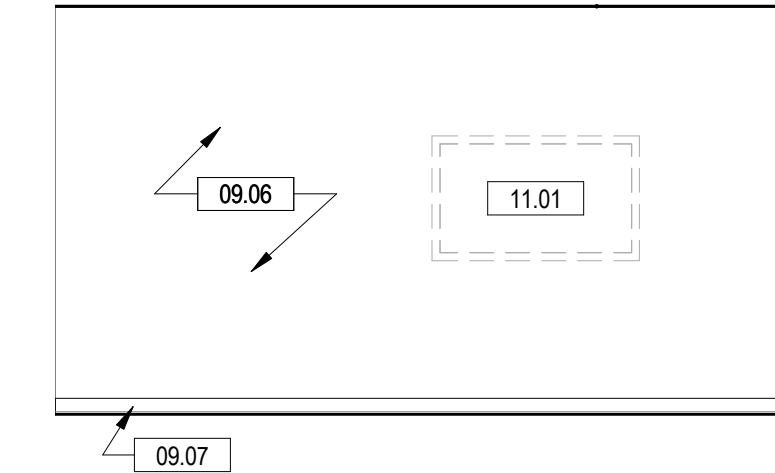
18 ELEVATOR LOBBY - PARTIAL WEST
A-101 | A-301 | SCALE: 1/4" = 1'-0"



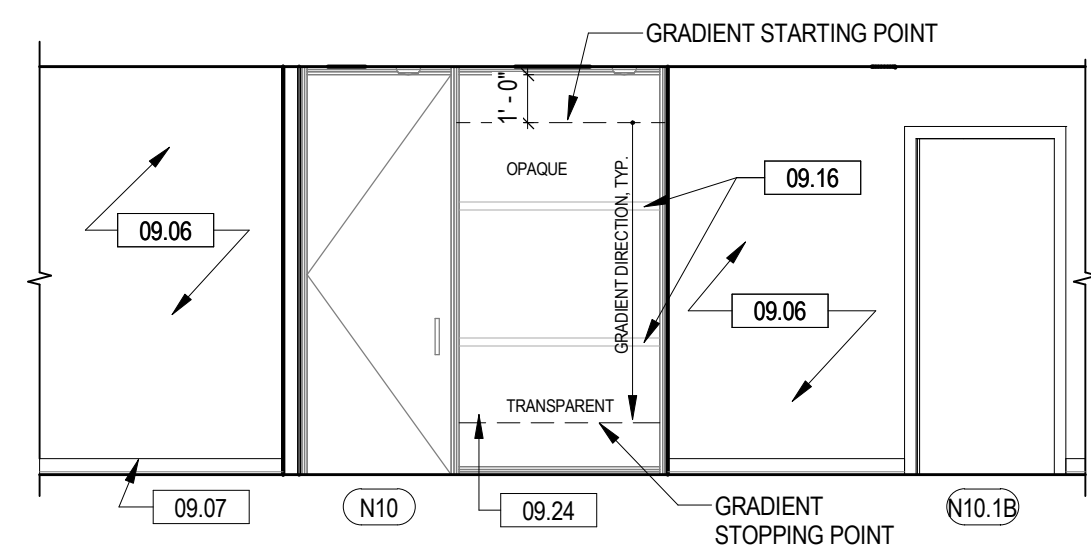
17 ELEVATOR LOBBY - SOUTH
A-101 | A-301 | SCALE: 1/4" = 1'-0"



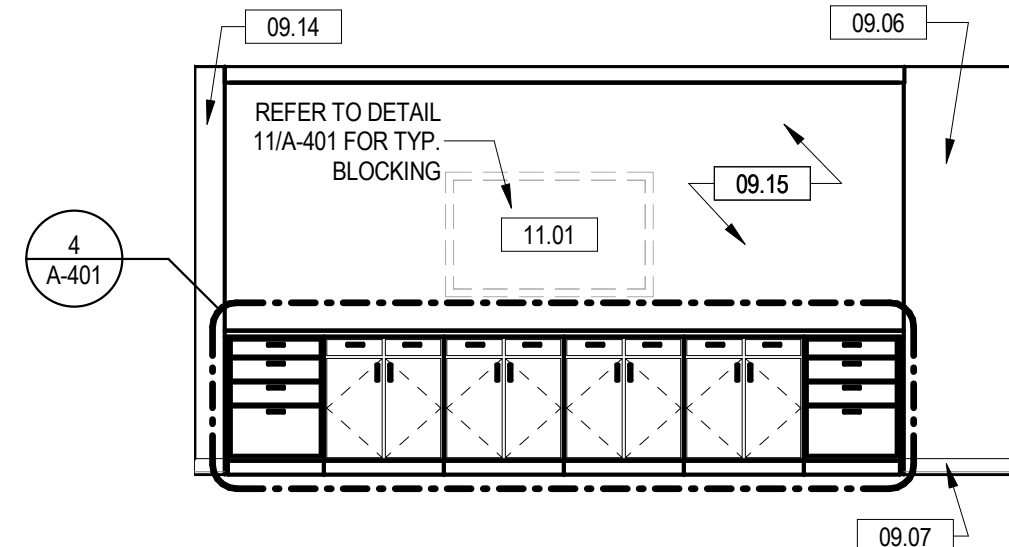
16 BIZLAUNCH - M2
A-101 | A-301 | SCALE: 1/4" = 1'-0"



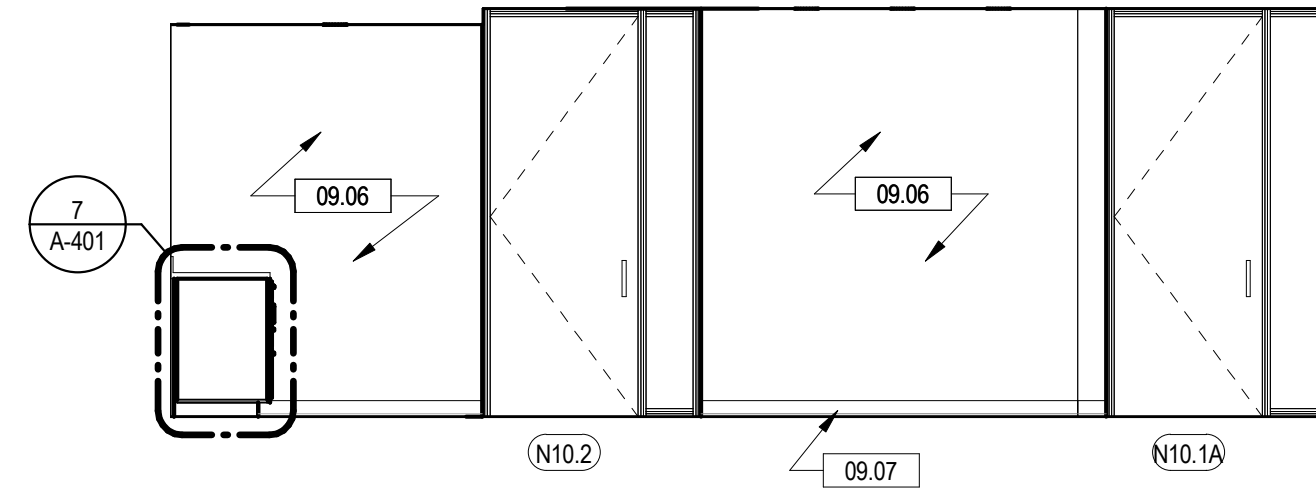
15 BIZLAUNCH - M1
A-101 | A-301 | SCALE: 1/4" = 1'-0"



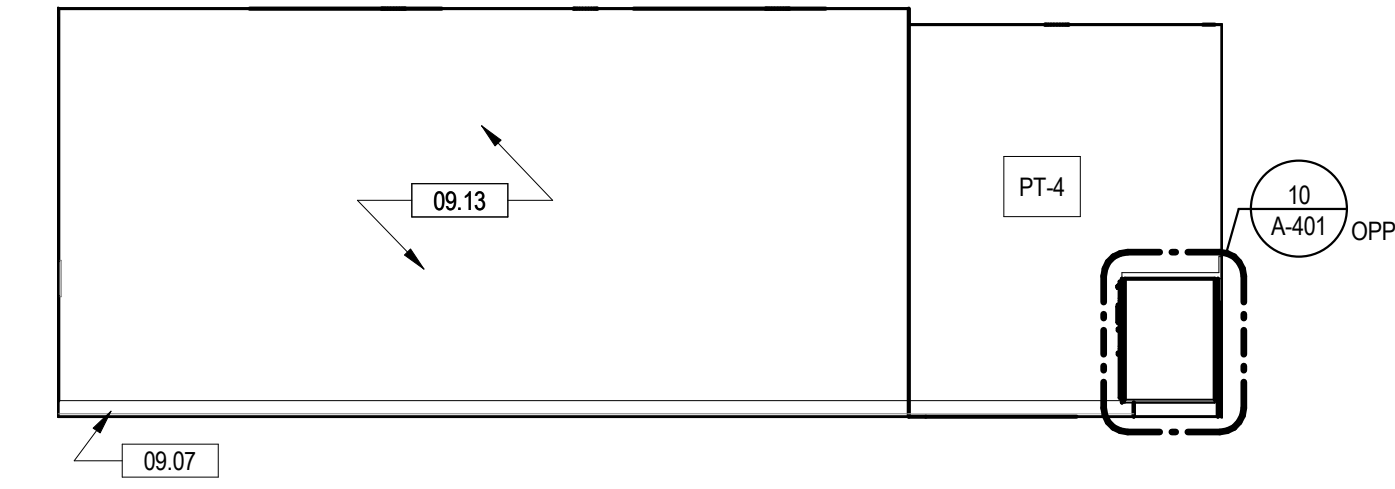
14 BIZLAUNCH - ENTRANCE
A-101 | A-301 | SCALE: 1/4" = 1'-0"



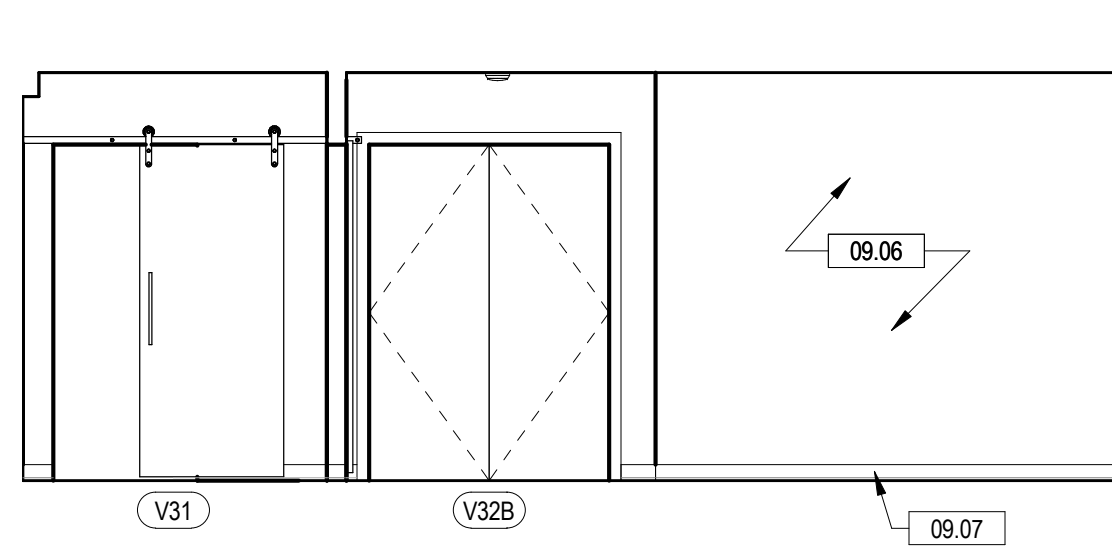
13 BIZLAUNCH - NORTH
A-101 | A-301 | SCALE: 1/4" = 1'-0"



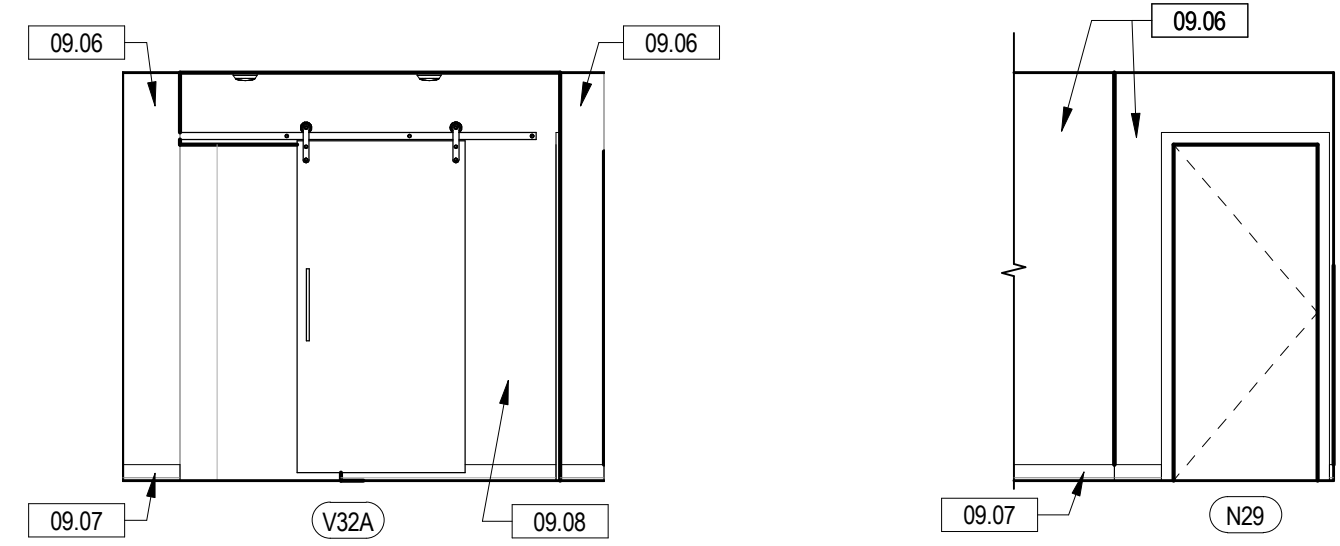
12 BIZLAUNCH - EAST
A-101 | A-301 | SCALE: 1/4" = 1'-0"



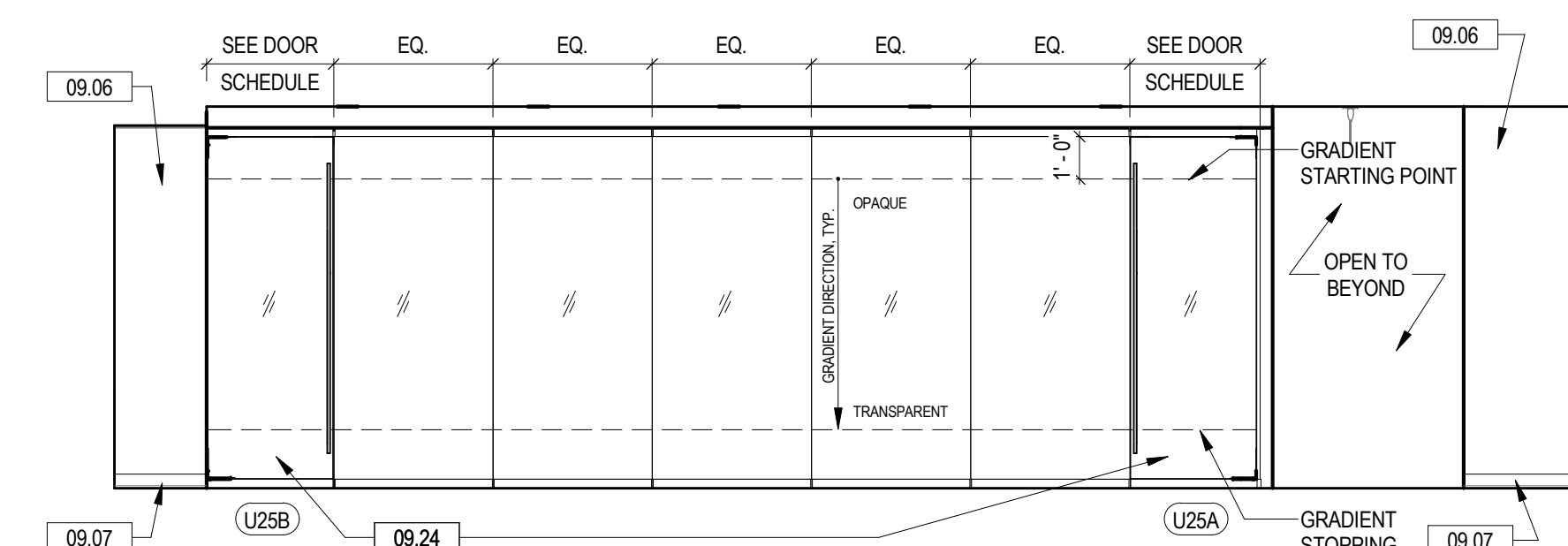
11 BIZLAUNCH - WEST
A-101 | A-301 | SCALE: 1/4" = 1'-0"



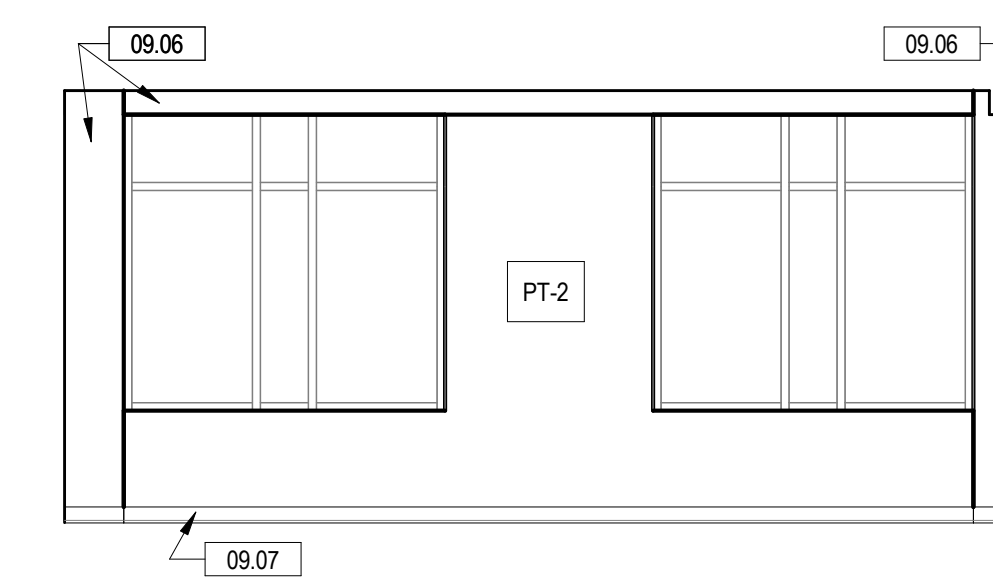
10 MEETING ROOM - EAST
A-401 | A-301 | SCALE: 1/4" = 1'-0"



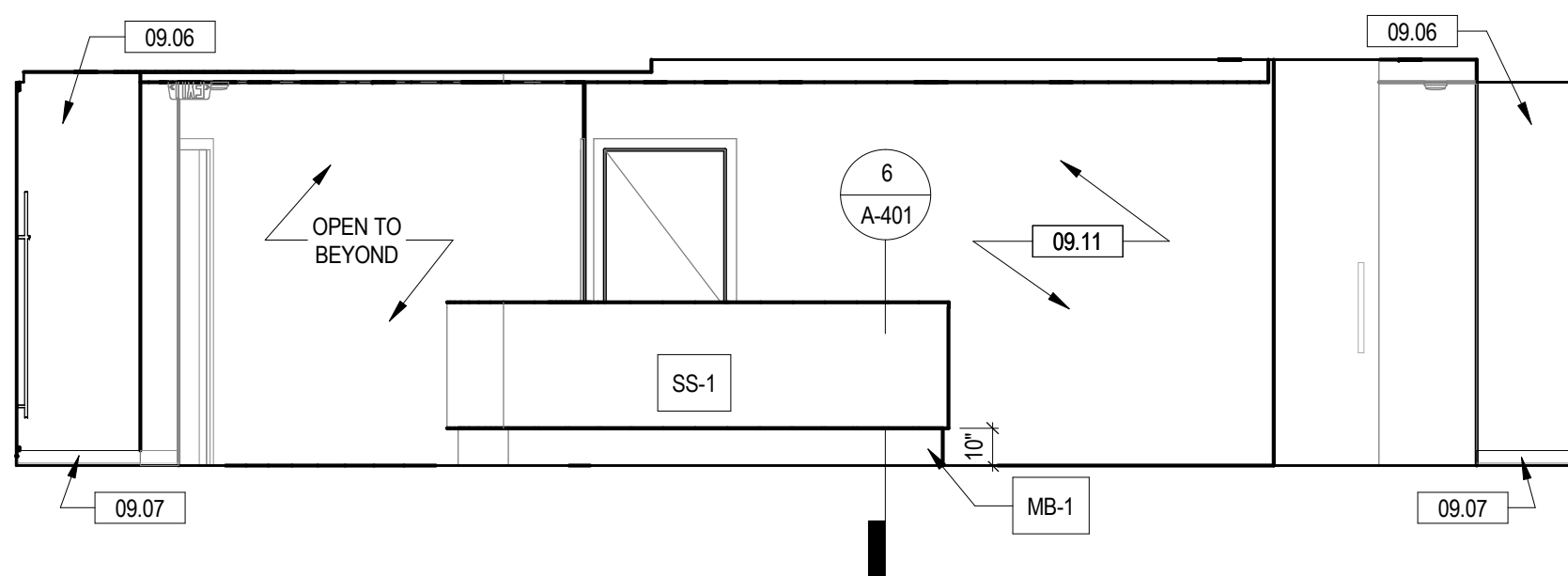
9 MEETING ROOM - NORTH
A-401 | A-301 | SCALE: 1/4" = 1'-0"



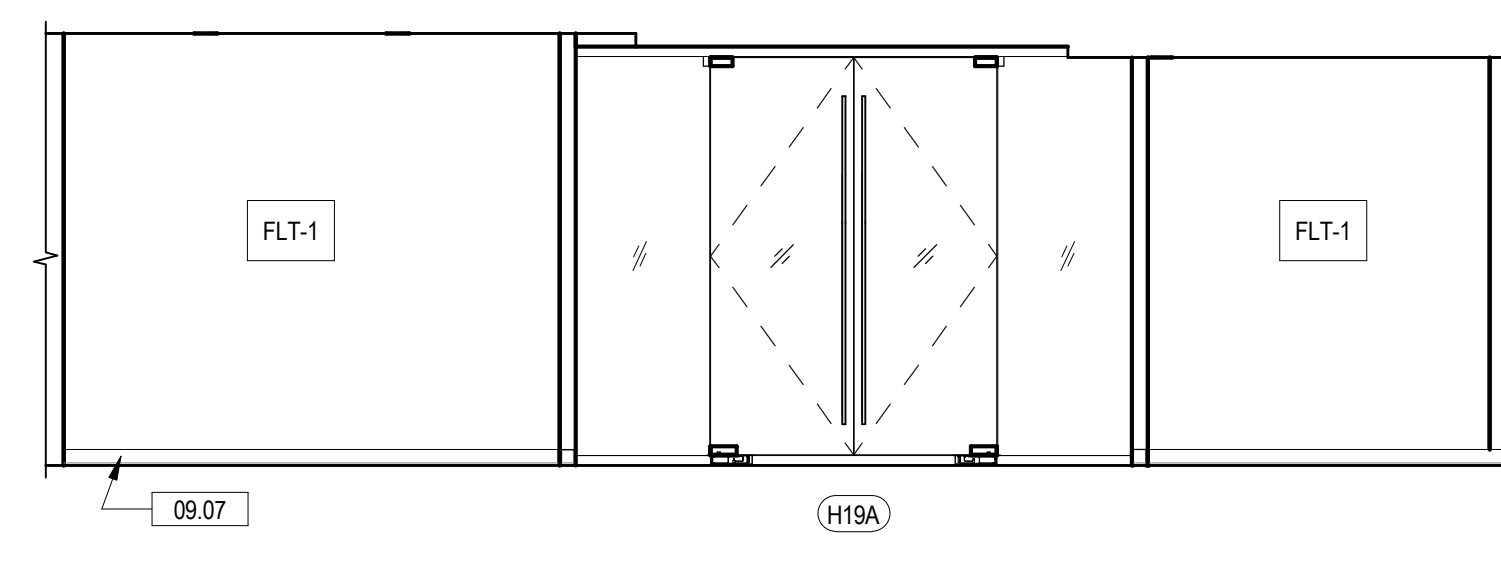
8 CORRIDOR - PARTIAL NORTH
A-101 | A-301 | SCALE: 1/4" = 1'-0"



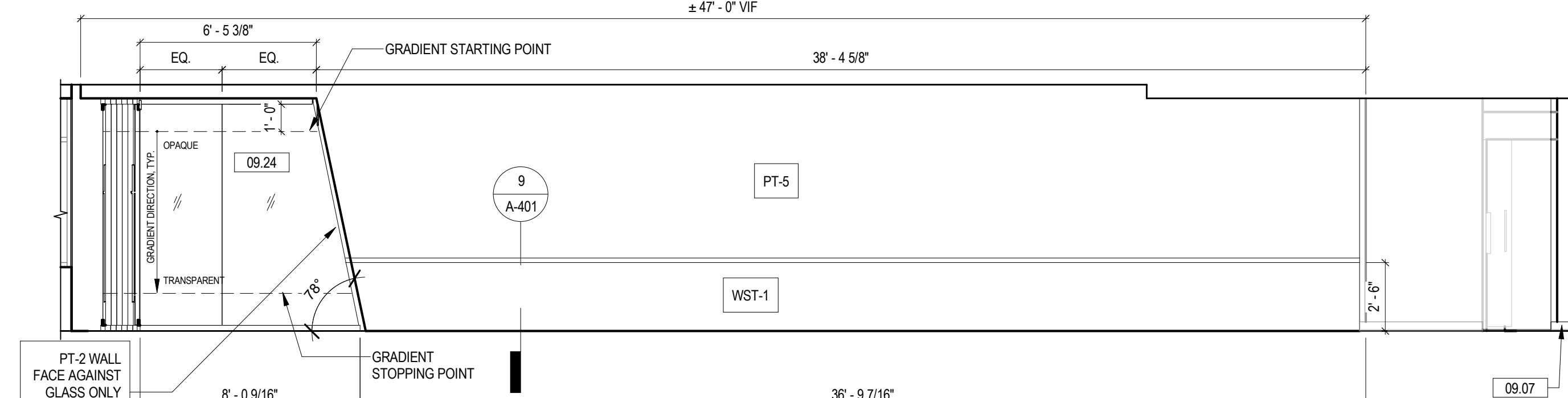
7 RECEPTION - WEST
A-101 | A-301 | SCALE: 1/4" = 1'-0"



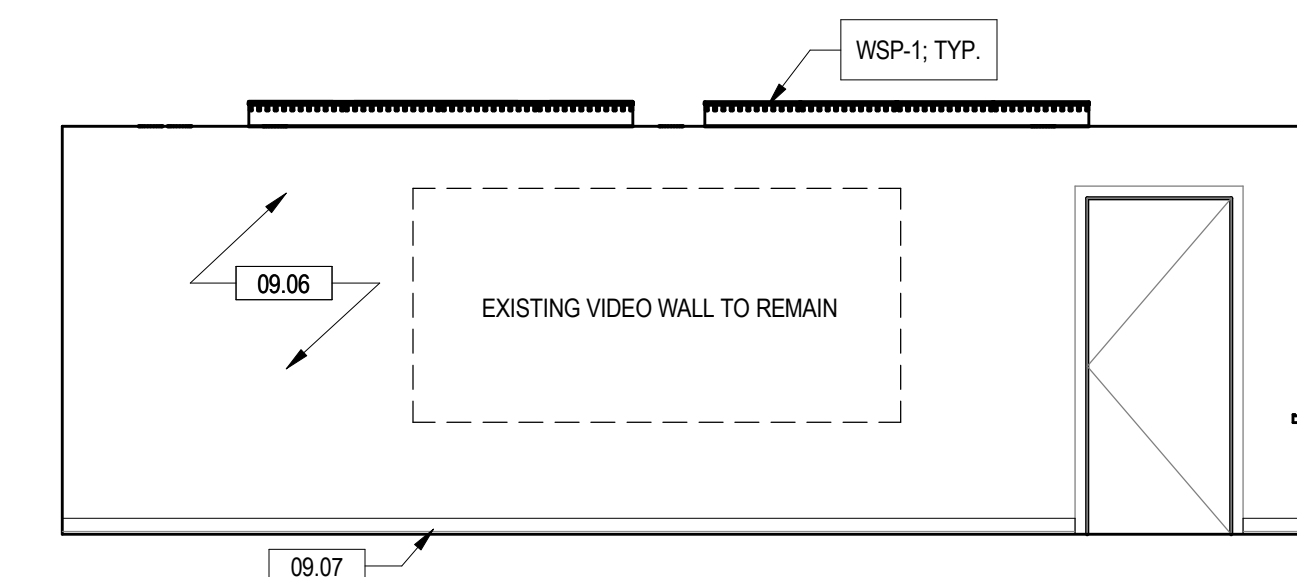
6 RECEPTION - SOUTH
A-101 | A-301 | SCALE: 1/4" = 1'-0"



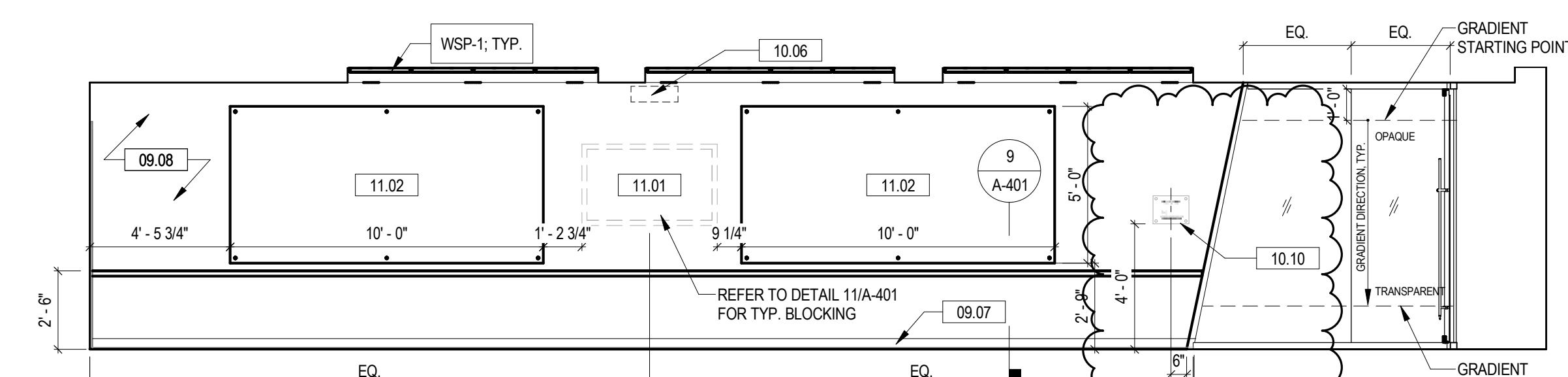
5 RECEPTION - EAST
A-101 | A-301 | SCALE: 1/4" = 1'-0"



4 CORRIDOR - SOUTH
A-101 | A-301 | SCALE: 1/4" = 1'-0"



3 CONFERENCE - WEST
A-101 | A-301 | SCALE: 1/4" = 1'-0"

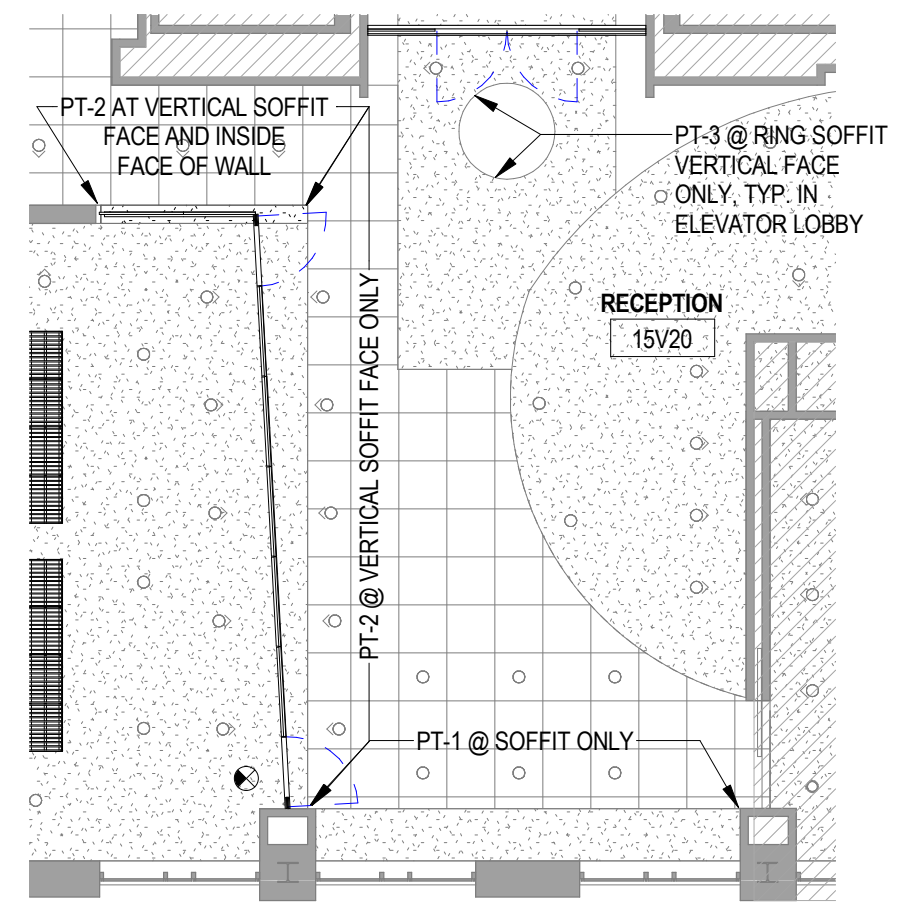


2 CONFERENCE - NORTH
A-101 | A-301 | SCALE: 1/4" = 1'-0"

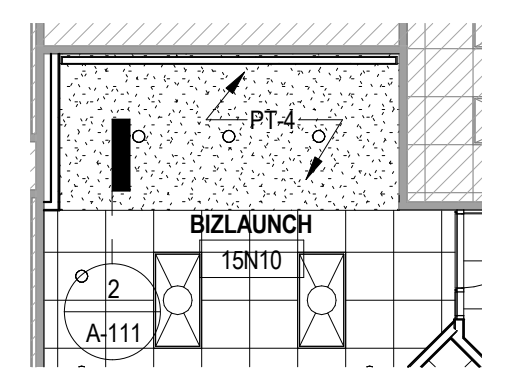
INTERIOR FINISH MATERIALS SCHEDULE						
USE	DESIGNATION TYPE	MATERIAL DESCRIPTION	BASIS OF DESIGN MANUFACTURER	REF. PATTERN/ITEM #	COLOR	COMMENTS
FLOORS	CPT-1	CARPET TILE	MOHAWK	LIND, STYLE # GT477	SILVER 929	FIELD 1
	CPT-2	CARPET TILE	MOHAWK	LINED	CORNFLOWER S35	FIELD 2
LVT-1	LVT-1	LUXURY VINYL TILE	INTERFACE	BRUSHED LINES; 25CM x 18" PLANKS	TEAL OXIDE	FIELD 1
	MB-1	10" METAL BASE	MOLDINGS MX	18 GAUGE ALUMINUM	LIGHT BRUSHED ALUMINUM	RECEPTION DESK BASE; TO MATCH GLASS WALL METAL FINISH
WALLS	RB-1	RESILIENT BASE	TARKETT	-	SHARK FIN	-
	FLT-1	FELT	WOLF GORDON	WLY 601	FROSTY	ACCENT
PT-1	PT-1	PAINT	SHERWIN WILLIAMS	SW7004	SNOWBOUND	FIELD 1
	PT-2	PAINT	SHERWIN WILLIAMS	SW6510	LOYAL BLUE	ACCENT
	PT-3	PAINT	SHERWIN WILLIAMS	SW6593	CORAL BELLS	ACCENT
	PT-4	PAINT	SHERWIN WILLIAMS	SW6766	MARINER	ACCENT
	PT-5	PAINT	SHERWIN WILLIAMS	SW7064	WARM GREY	ACCENT
WST-1	WAINSCOT	3FORM	PROFILE: TRIG PANEL	MILKY WHITE; STANDARD FINISH	48" x 96" x 1/2" PANELS, PARALLEL IN 48" DIRECTION; PANELS TO BE CUT TO MATCH EDGE ON SHORT SIDE; CUTS TO BISECT TRIANGLES AS MUCH AS POSSIBLE.	
CEILING	ACP-1	ACOUSTICAL CEILING PANEL	ARMSTRONG	198 OPTIMA REGULAR	WHITE	CONFERENCE ROOM ALTERNATE
	ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	2X2 ULTIMA REGULAR	WHITE	-
GWB-1	GWB-1	GYPSUM WALLBOARD CEILING	-	-	TO MATCH PT-1	-
	GWB-2	GYPSUM WALLBOARD BULKHEAD/CEILING	-	-	TO MATCH PT-2	-
WSP-1	WSP-1	WOOD SLAT PANEL	ARMSTRONG	2X4 WOODWORKS GRILLE	TBD*	COLOR TO MATCH WOOD WALL IN RECEPTION
	PL-1	PLASTIC LAMINATE	FORMICA	9319 BH	STAINLESS	CASEWORK
PT-6	PT-6	PAINT	SHERWIN WILLIAMS	TBD**	TBD**	INTERIOR DOOR FRAME PAINT
	PT-7	PAINT	SHERWIN WILLIAMS	TBD**	TBD**	INTERIOR DOOR PAINT
SS-1	SS-1	SOLID SURFACE	-	-	GLACIER WHITE	COUNTERS
	TB-1	TACKBOARD SURFACE	TAC WALL	-	09 ONYX	WALLTALKERS
GF-1	GLASS PRIVACY FILM	SOLYX	-	-	71" DIAM TRIANGLE	SEE INTERIOR ELEVATIONS FOR GRADIENT DIRECTION AND PLACEMENT

NOTES
 *- CONTRACTOR TO MATCH WOOD FINISH TO EXISTING WALL PANELS BEHIND RECEPTION AS CLOSE AS POSSIBLE. SUBMIT A MATCHING SAMPLE AGAINST THE EXISTING WOOD WALL PANEL FOR APPROVAL BY THE ARCHITECT.
 ** - CONTRACTOR TO MATCH PAINT TO EXISTING ADJACENT DOOR/FRAME. SUBMIT A MATCHING SAMPLE PHOTO AGAINST THE EXISTING DOOR/FRAME FOR APPROVAL BY ARCHITECT.

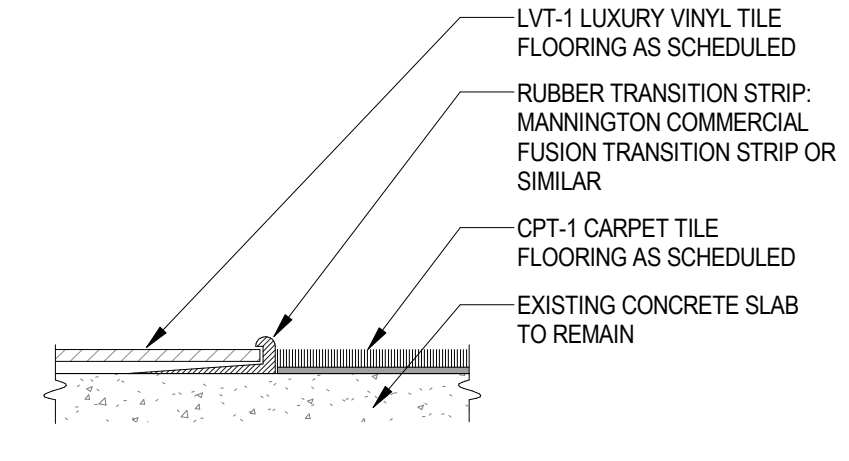
ROOM FINISH SCHEDULE									
ROOM NO.	ROOM NAME	FLOOR	BASE	WALL				CEILING	REMARKS
				NORTH	SOUTH	EAST	WEST		
15H19	ELEV LOBBY	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	EXTG	
15N10	BIZLAUNCH	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
15N10.1	ONE/ONE ROOM	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
15N10.2	ONE/ONE ROOM	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
15N29	CATERING PANTRY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	EXTG/ACT-1	
15U25	CONFERENCE ROOM	CPT-1	RB-1	PT-5	PT-1	PT-1	PT-1	EXTG/WSP-1	
15V20	RECEPTION	CPT-1	RB-1	PT-1/FLT-1	PT-1/PT-2	EXTG	PT-1/PT-2	EXTG	
15V21	CORRIDOR	CPT-1	RB-1	PT-1/FLT-1	EXTG	EXTG	PT-1	EXTG	
15V22	CORRIDOR	CPT-1	RB-1	PT-1/FLT-1	PT-2/WST-1	-	PT-1	EXTG	
15V30	VESTIBULE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
15V31	NEW PHONE ROOM	CPT-1	RB-1	PT-1	PT-1	PT-5	PT-1	ACT-1	
15V33	ELECTRICAL CLOSET	-	-	-	-	-	-	-	
15W12	CONFERENCE ROOM	EXTG/CPT-1*	EXTG/RB-1*	EXTG	EXTG	EXTG	EXTG	EXTG	*ALTERNATE
15W15	CONFERENCE ROOM	EXTG/CPT-1*	EXTG/RB-1*	EXTG	EXTG	EXTG	EXTG	EXTG	*ALTERNATE



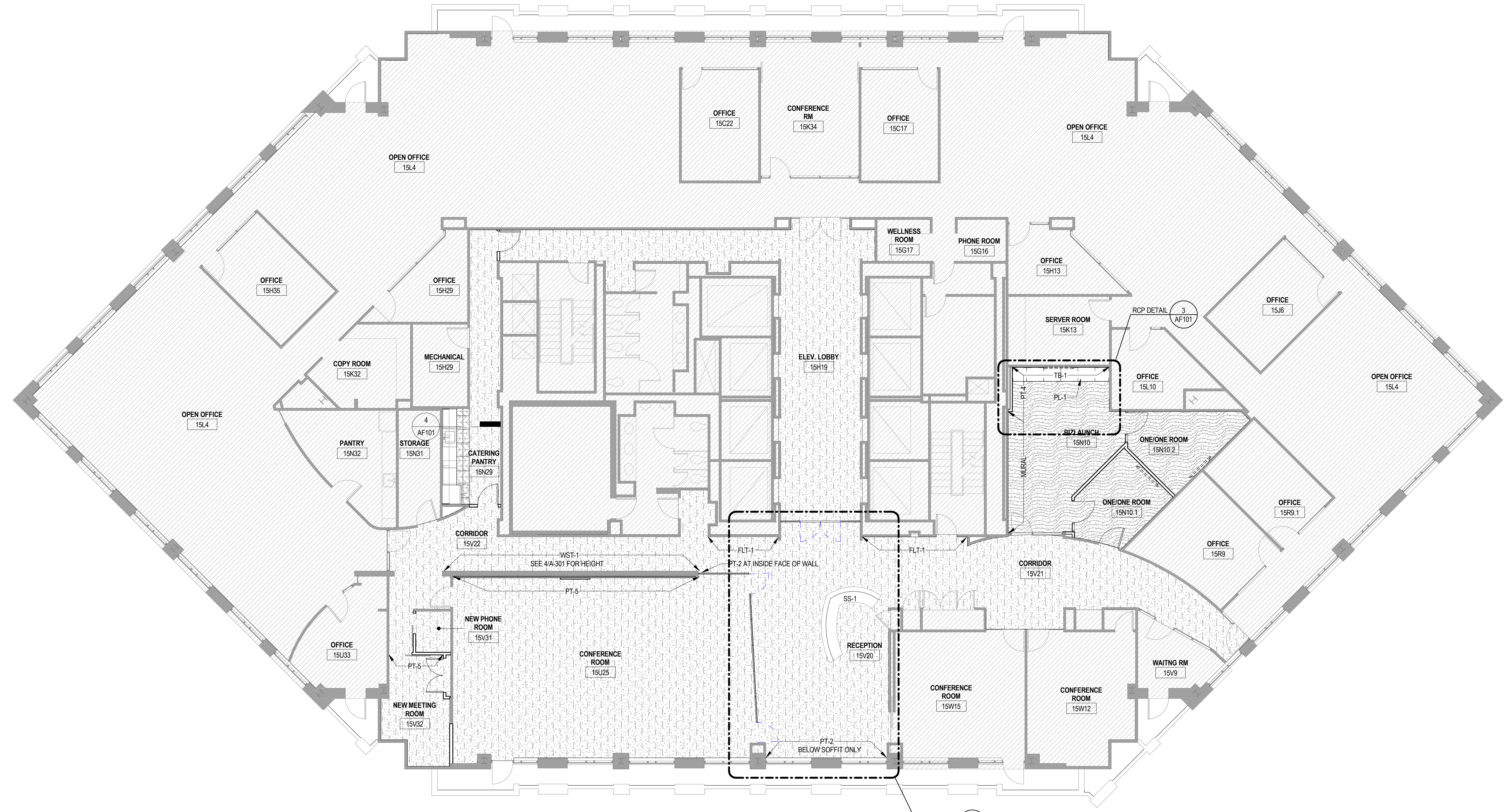
2 RCP FINISH DETAIL
 AF101 SCALE: 1/8" = 1'-0"



3 RCP - FINISH DETAIL
 AF101 SCALE: 1/8" = 1'-0"



4 FINISH TRANSITION DETAIL
 AF101 AF101 SCALE: 6" = 1'-0"



1 NEW WORK FINISH PLAN
 AF101 SCALE: 1/8" = 1'-0"

GENERAL NOTES (FINISH PLANS)

- WORK MUST BE DONE IN ACCORDANCE WITH APPLICABLE CODES, ORDINANCES, AND ACCEPTED STANDARDS.
- SEE FINISH SCHEDULE FOR FINISHES AND FINISH PLAN FOR FINISH LOCATIONS.
- CUT FLOOR FINISHES NEATLY AROUND PARTITIONS AND FIXTURES.
- FLASH PATCH AND PREPARE FLOOR SLAB FOR INSTALLATION OF SPECIFIED FLOOR COVERING MATERIALS. NOTIFY ARCHITECT IF SLAB LEVEL VARIES MORE THAN 1/4" IN 12" REPAIR MINOR HOLES, CRACKS, DEPRESSIONS, AND ROUGH AREAS USING MANUFACTURER RECOMMENDED MATERIALS. SEE DEMOLITION AND NEW WORK PLAN GENERAL NOTES FOR MORE INFORMATION.
- FINISHES MUST COMPLY WITH IBC 2018, CHAPTER 8 "INTERIOR FINISHES" AND TABLE 803.13 "INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY" AND/OR SECTIONS 804 "INTERIOR FLOOR FINISH".
- FLASH PATCH BETWEEN FLOOR MATERIALS TO LIMIT HEIGHT DIFFERENTIAL FOR FLOOR/ DOOR TRANSITION CONDITIONS. REFER TO 404.101 AND SHEET A-601 FOR FLOOR DOOR SILL TRANSITION CONDITIONS.
- TEST EXISTING CONCRETE FLOOR FOR MOISTURE CONTENT AND PH LEVEL PRIOR TO FLOORING INSTALLATION. REFER TO FLOORING MANUFACTURER'S RECOMMENDATIONS FOR APPROPRIATE ACTION DEPENDING ON TEST RESULTS. INSTALL FLOORING PER MANUFACTURER'S RECOMMENDATIONS.
- CONFIRM COLOR AND STYLE/PATTERN SELECTIONS OF FINISHES WITH ARCHITECT PRIOR TO PURCHASE AND INSTALLATION. PROVIDE SHOP SUBMITTALS INCLUDING CUT SHEETS, PRODUCT DATA AND SAMPLES TO ARCHITECT PER DIVISION 1 SPECIFICATIONS, SECTION 01330 "SUBMITTALS PROCEDURES" FOR APPROVAL PRIOR TO PROCUREMENT.
- STANDARD PAINT FINISH ON PARTITIONS MUST BE EGGSHELL SHEEN PAINT. UON PAINT GRADE DOORS, FRAMES, AND TRIM MUST BE PAINTED SEMI-GLOSS SHEEN. UON CEILING BULKHEADS AND SOFFITS MUST BE FLAT FINISH. UON V.
- CARPET AND FLOORING ADHESIVE MUST BE LOWVOC. SEE SPECIFICATIONS FOR MORE INFORMATION REGARDING MAXIMUM VOC CONTENT.
- REFER TO SHEET A-601 FOR DOOR SCHEDULE, DETAILS, AND FINISHES OF DOORS AND FRAMES.
- FLOORING MATERIALS MUST COMPLY WITH NFPA 101, SECTION 7.1.6.4 "WALKING SURFACES IN THE MEANS OF EGRESS SHALL BE SLIP RESISTANT UNDER FORESEEBLE CONDITIONS".
- REFER TO INTERIOR ELEVATIONS AND REFLECTED CEILING PLANS FOR MORE INFORMATION ON FINISH LOCATIONS AND CEILING TYPES, ETC.
- PROVIDE SEAMING/ MODULAR LAYOUT DIAGRAMS FOR APPROVAL PRIOR TO FLOORING PURCHASE. VERIFY PATTERN IS INSTALLED WITH NO INTERRUPTIONS.
- IMMEDIATELY INVESTIGATE LEAD TIMES OF FINISHES AND COORDINATE PROCUREMENT ACCORDINGLY.
- PAINT SURFACE MOUNTED CONDUITS AND ACCESSORIES TO MATCH ADJACENT WALL.
- FLOORING TO EXTEND UNDER EQUIPMENT, NON-PERMANENT MILLWORK FURNITURE AND MILLWORK AS SHOWN ON THE MILLWORK DRAWINGS, UON.
- PAINTED SURFACES MUST BE CLEAN AND PROPERLY CALLED, FILLED, ETC., PREPARED SMOOTH AND FLUSH.
- USE PAINTS SPECIFICALLY PRODUCED FOR SURFACE ON WHICH THEY ARE TO BE APPLIED. NOTIFY THE ARCHITECT FOR PAINT THAT IS INCOMPATIBLE WITH THE SURFACE ON WHICH IT IS APPLIED.
- COORDINATE FLOOR AND CEILING FINISHES TO ENSURE THAT JOINTS AND TRANSITIONS BETWEEN MATERIALS, FOR WALL TO WALL, WALL TO FLOOR, FLOOR TO FLOOR, WALL TO CEILING, OR CEILING TO CEILING, WILL BE SMOOTH, TRUE LEVEL, CONTINUOUS WITH PATTERNS AND GRIDS, AND IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, AND SCHEDULES. THIS INCLUDES CONSTRUCTION ADJACENT TO EXISTING CONSTRUCTION AS WELL AS NEW CONSTRUCTION.
- SEE ENGINEERING SPECIFICATIONS FOR OUTLET DEVICES AND COVER PLATE INFORMATION.
- EXISTING WALLS IN THE RENOVATED AREAS TO REMAIN MUST BE REPAIRED/ PATCHED AND PAINTED.
- SEE SHEET AF-103 FOR MATERIAL BOARD

LEGEND (FINISH PLANS)

- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION
- EXISTING CONSTRUCTION AREA NOT IN SCOPE OF WORK. SEE ENGINEERING DRAWINGS FOR RELATED WORK IN THESE AREAS. PROTECT EXISTING FINISHES; EXISTING CONSTRUCTION TO REMAIN IS SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL VERIFY ALL EXISTING CONSTRUCTION IN THE FIELD PRIOR TO COMMENCEMENT OF WORK.
- CPT-1: CARPET TILE
- CPT-2: CARPET TILE
- LVT-1: LUXURY VINYL TILE
- FINISH DESIGNATION - EXTENT OF FINISH/ACCENT COLOR LOCATIONS
- NEW ETR - START STOP DELINEATION FOR NEW AND EXISTING TO REMAIN (ETR) FINISHES (UNLESS NOTED OTHERWISE)

DRAWN: MJ
 CHECKED: KG
 SCALE: AS INDICATED
 SHEET TITLE: NEW WORK FINISH PLAN
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 SHEET # AF101

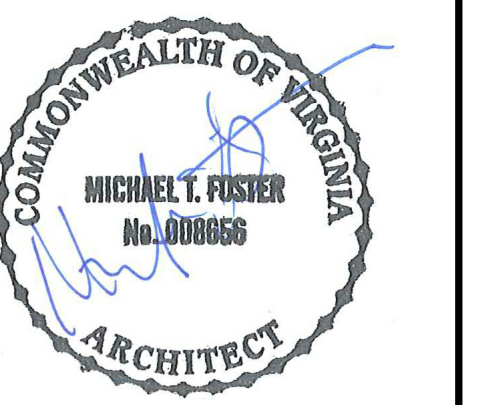
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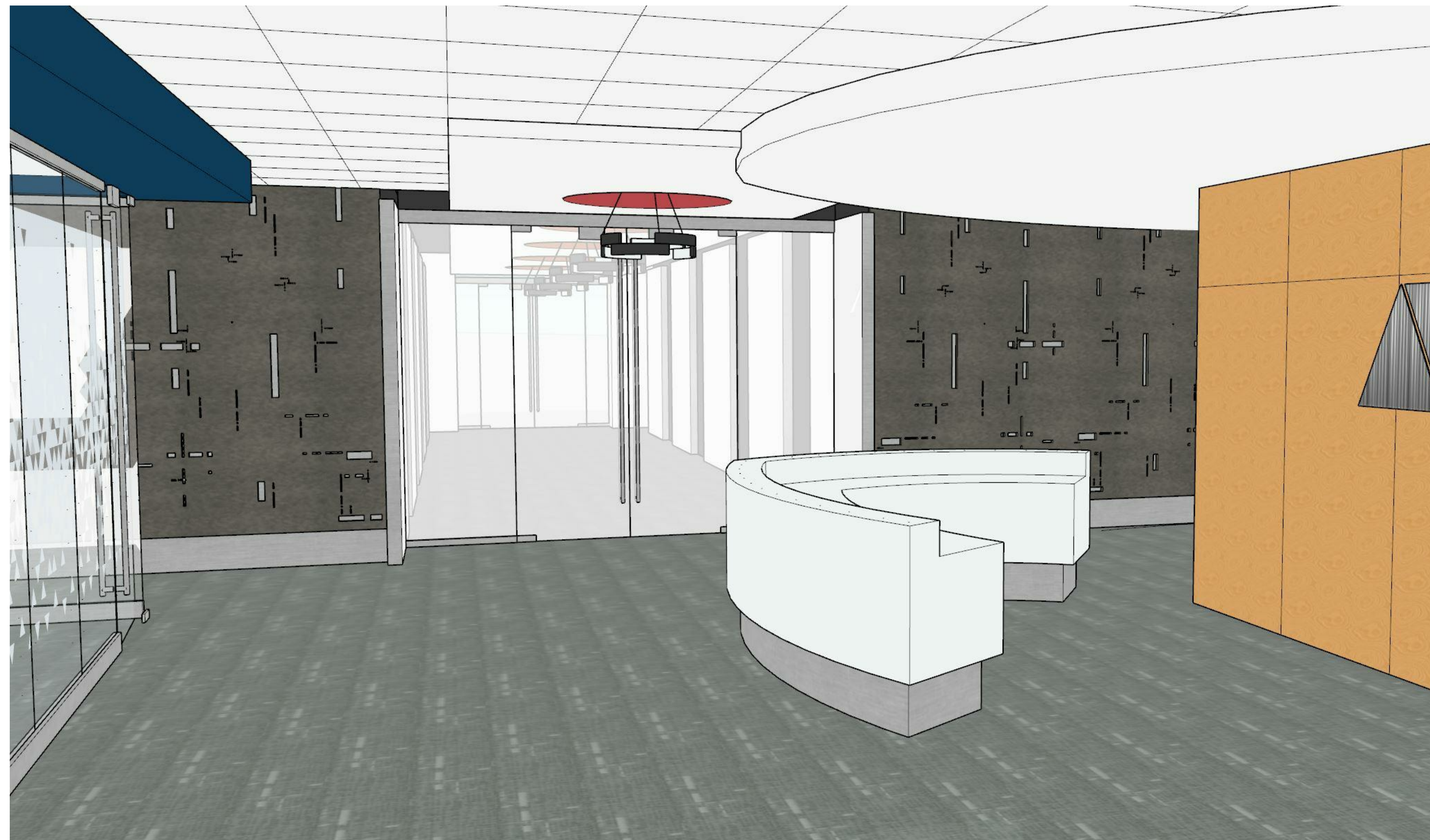


PROFESSIONAL CERTIFICATION
 I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF VIRGINIA.
 LICENSE NUMBER: 000669 EXPIRATION DATE:

PROJECT # 21075

DATE: 11/04/22 ISSUE: DESIGN DEVELOPMENT
 02/11/23 PERMIT SET
 03/11/23 FINAL PERMIT SET
 05/02/23 BID SET

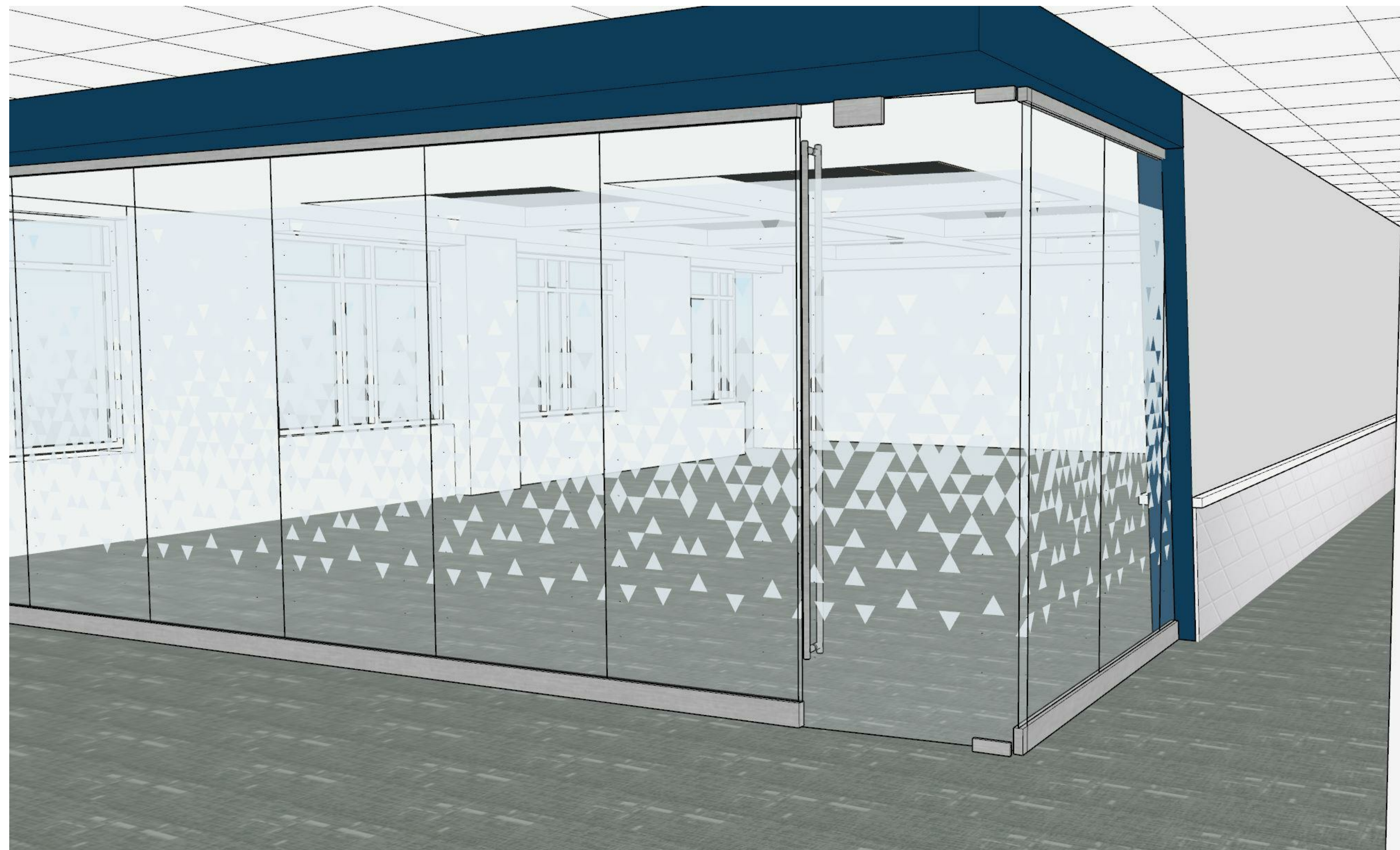
AF101



RECEPTION AREA TOWARD ELEVATOR LOBBY



CONFERENCE ROOM TOWARD RECEPTION



RECEPTION AREA TOWARD CONFERENCE ROOM




BIZLAUNCH ENTRANCE TOWARD BACK WALL



PROFESSIONAL CERTIFICATION
I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A FULLY LICENSED ARCHITECT
UNDER THE LAWS OF THE STATE OF VIRGINIA.
LICENSE NUMBER: 008668 EXPIRATION DATE:

PROJECT # 21075

DATE: ISSUE: 
11/04/22 DESIGN DEVELOPMENT
02/17/23 PERMIT SET
03/31/23 FINAL PERMIT SET
05/02/23 BID SET

DRAWN: KM CHECKED: MJ

SCALE: AS INDICATED

SHEET TITLE:
CONCEPTUAL VIEWS

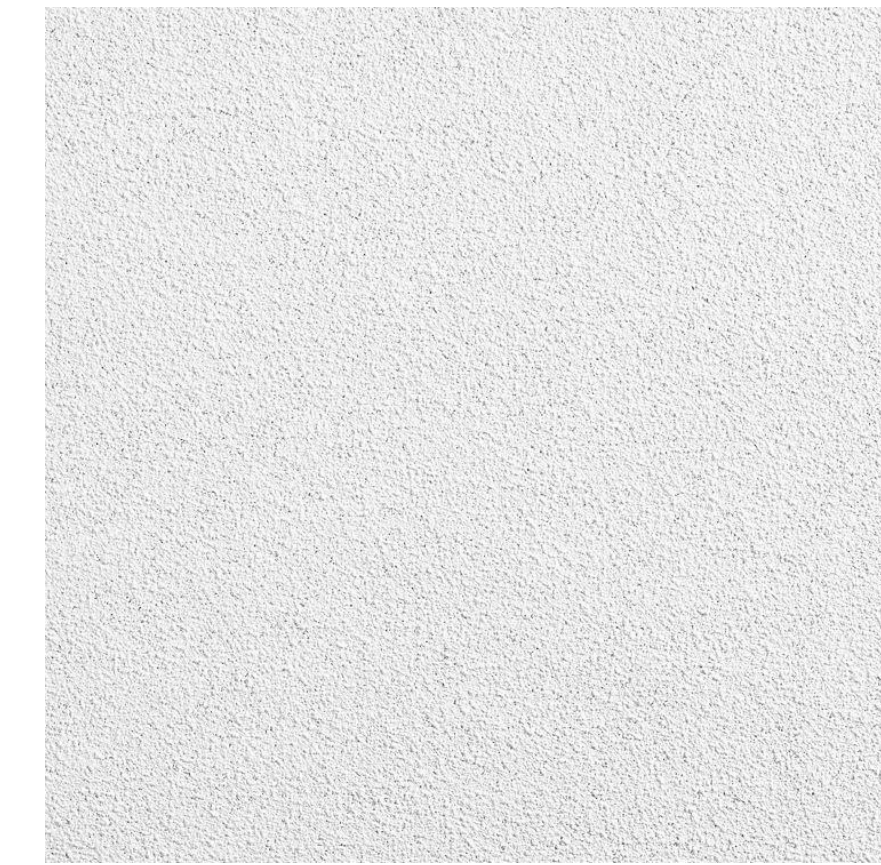
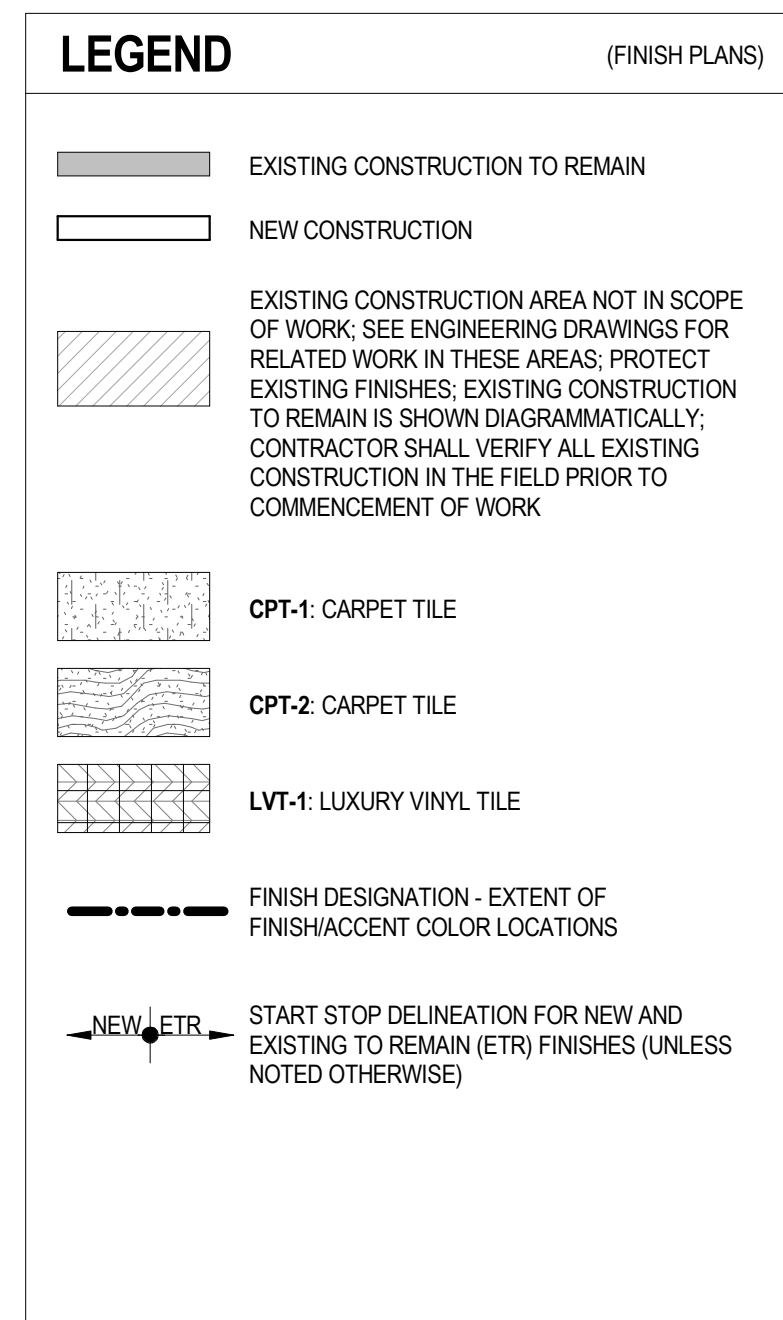
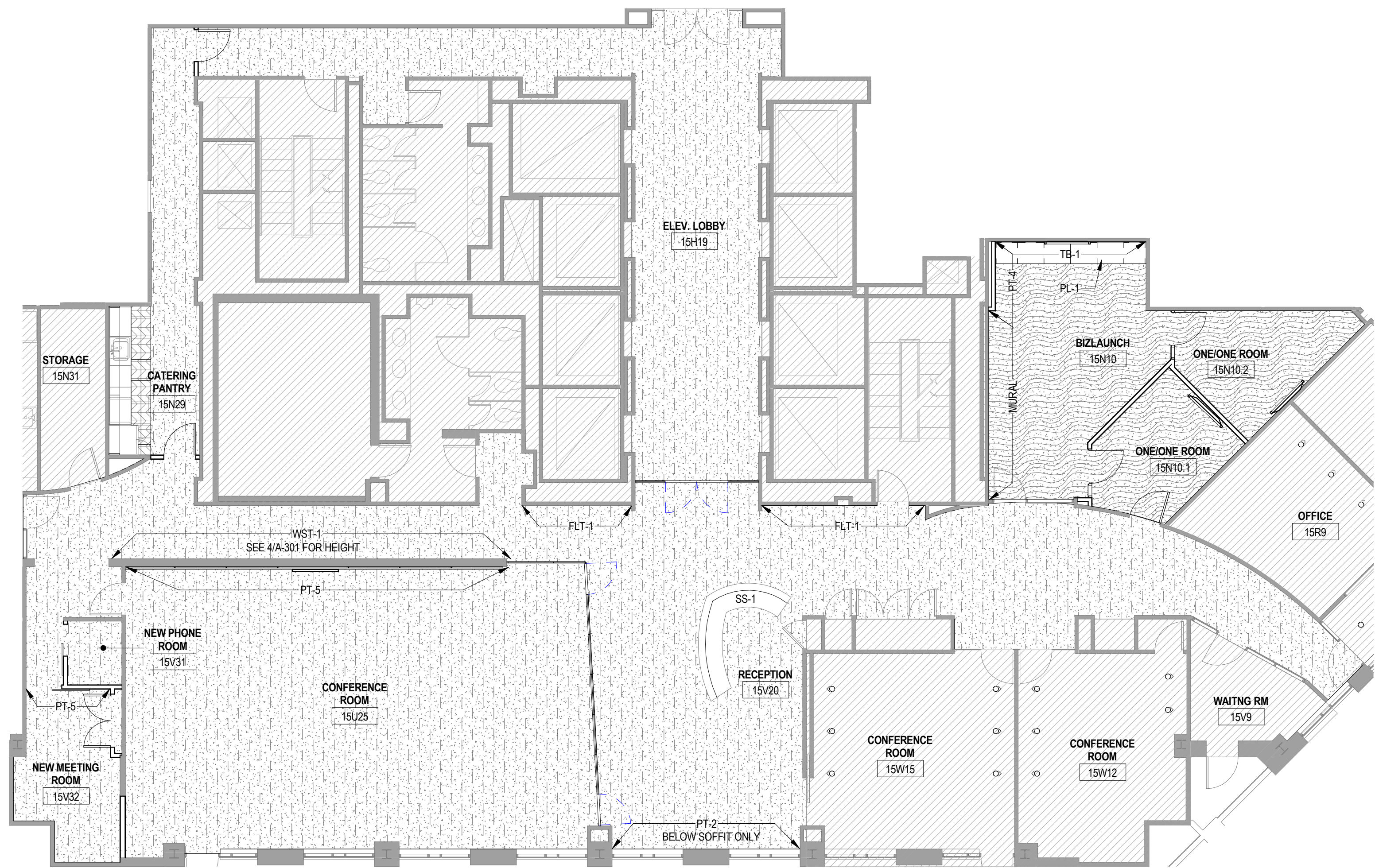
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SHEET #

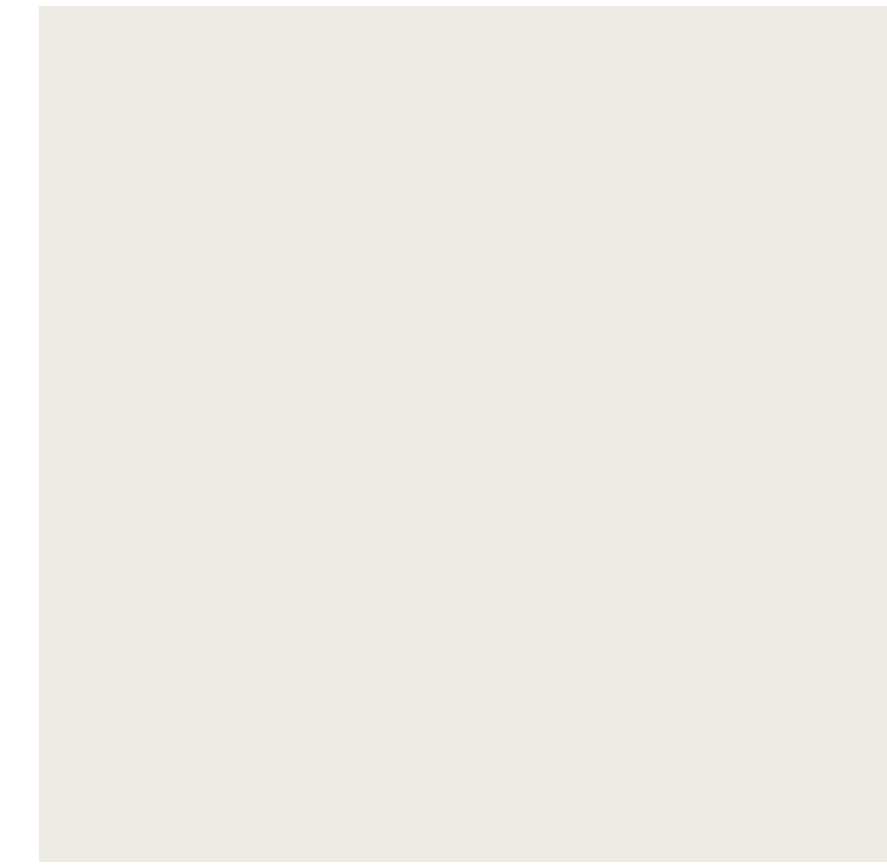
INTERIOR FINISH MATERIALS SCHEDULE						
USE	DESIGNATION TYPE	MATERIAL DESCRIPTION	BASIS OF DESIGN MANUFACTURER	REF. PATTERN/ITEM #	COLOR	COMMENTS
FLOORS	CPT-1	CARPET TILE	MOHAWK	LineD, STYLE # GT477	SILVER 929	FIELD 1
	CPT-2	CARPET TILE	MOHAWK	LineD	CORNFLOWER 635	FIELD 2
	LVT-1	LUXURY VINYL TILE	INTERFACE	BRUSHED LINES, 25CM x 18 PLANKS	TEAL OXIDE	FIELD 1
BASE	MB-1	10" METAL BASE	MOLDINGS MX	18 GAUGE ALUMINUM, NO COVE	LIGHT BRUSHED ALUMINUM	RECEPTION DESK BASE, TO MATCH GLASS WALL METAL FINISH
	RB-1	RESILIENT BASE	TARKETT	-	SHARK FIN	-
WALLS	FLT-1	FELT	WOLF GORDON	WLY 601	FROSTY	ACCENT
	PT-1	PAINT	SHERWIN WILLIAMS	SW7004	SNOWBOUND	FIELD 1
	PT-2	PAINT	SHERWIN WILLIAMS	SW6510	LOYAL BLUE	ACCENT
	PT-3	PAINT	SHERWIN WILLIAMS	SW6593	CORAL BELLS	ACCENT
	PT-4	PAINT	SHERWIN WILLIAMS	SW6766	MARINER	ACCENT
PT-5	PAINT	SHERWIN WILLIAMS	SW7054	WARM GREY	ACCENT	
WST-1	WANSKOT	3FORM	PROFILE, TRIG PANEL	48" X 96" X 1/2" PANELS, PARALLEL IN 48" DIRECTION; PANELS TO BE CUT TO MATCH EDGE ON SHORT SIDE CUTS TO BISECT TRIANGLES AS MUCH AS POSSIBLE	MILKY WHITE, STANDARD FINISH	CONFERENCE ROOM ALTERNATE
CEILING	ACP-1	ACOUSTICAL CEILING PANEL	ARMSTRONG	1X6 OPTIMA TEGULAR	WHITE	CONFERENCE ROOM ALTERNATE
	ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	2X2 ULTIMA TEGULAR	WHITE	CONFERENCE ROOM ALTERNATE
	GWB-1	GYPSPUM WALLBOARD CEILING	-	-	TO MATCH PT-1	-
	GWB-2	GYPSPUM WALLBOARD BULKHEAD/CEILING	-	-	TO MATCH PT-2	-
WSP-1	WOOD SLAT PANEL	ARMSTRONG	2X4 WOODWORKS GRILLE	TBD*	-	COLOR TO MATCH WOOD WALL IN RECEPTION
MISCELLANEOUS	PL-1	PLASTIC LAMINATE	FORMICA	8319 BH	STAINLESS	CASEWORK
	PT-6	PAINT	SHERWIN WILLIAMS	TBD**	TBD**	INTERIOR DOOR FRAME PAINT
	PT-7	PAINT	SHERWIN WILLIAMS	TBD**	TBD**	INTERIOR DOOR PAINT
	SS-1	SOLID SURFACE	CORIAN	-	GLACIER WHITE	COUNTERS
	TB-1	TACKBOARD SURFACE	TAC WALL	WALL TALKERS	09 ONYX	-
	GF-1	GLASS PRIVACY FILM	SOLYX	71" DUAL TRIANGLE GRADIENT; SX-H594	N/A	-



CPT-1 INSTALLATION VIEW



ACT-1



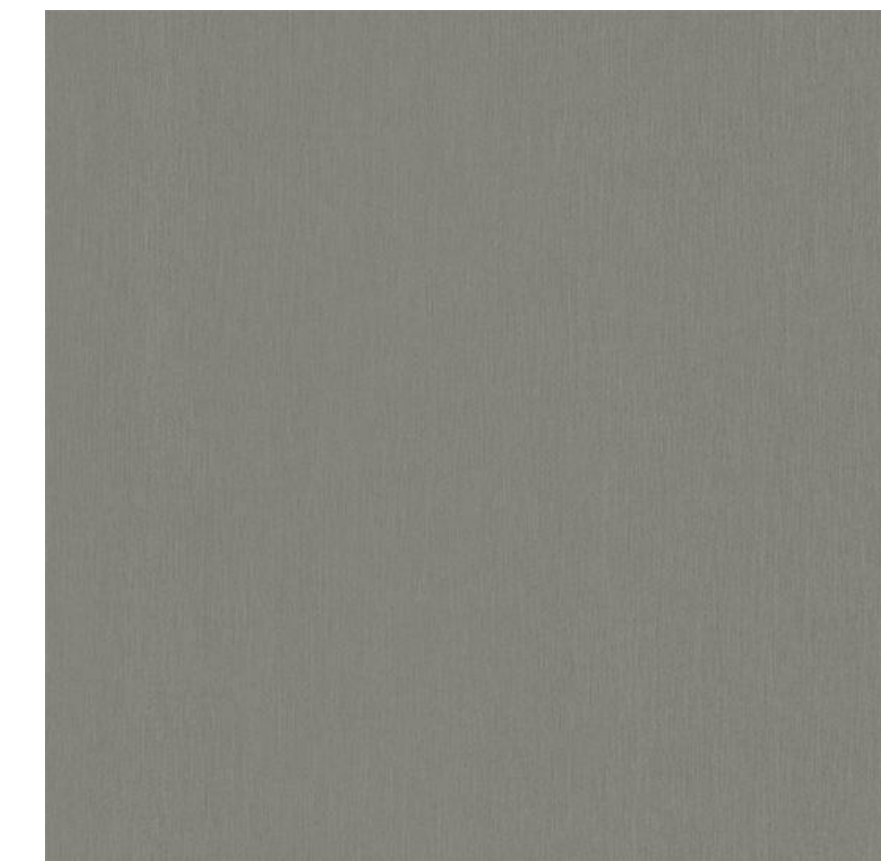
PT-1



LVT-1



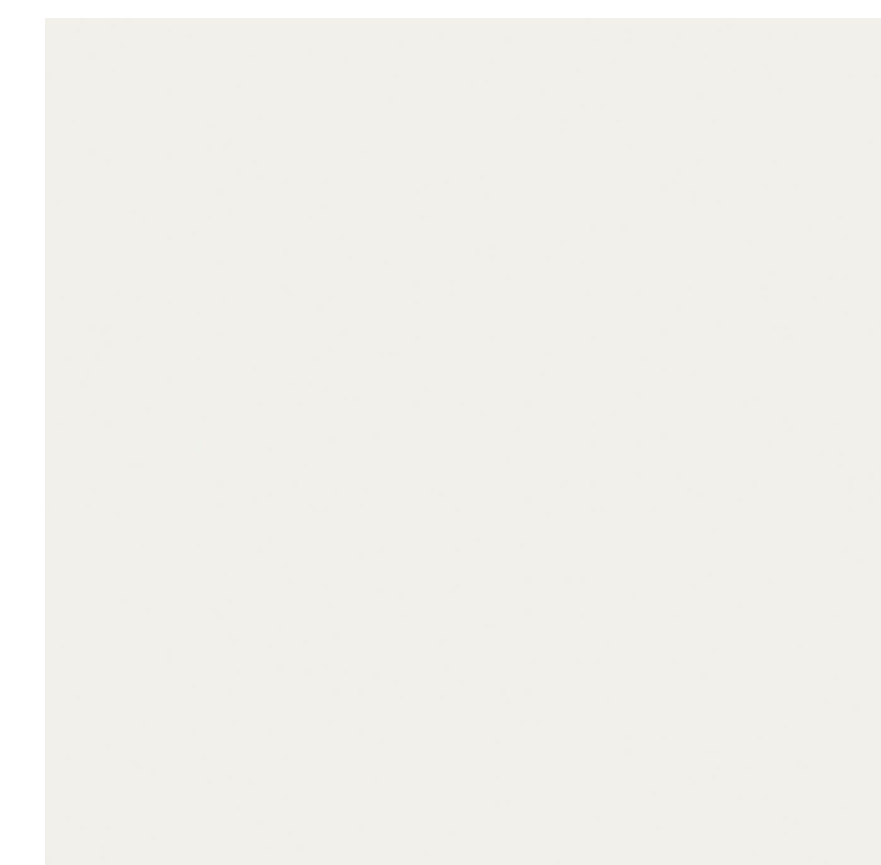
PT-2



PL-1



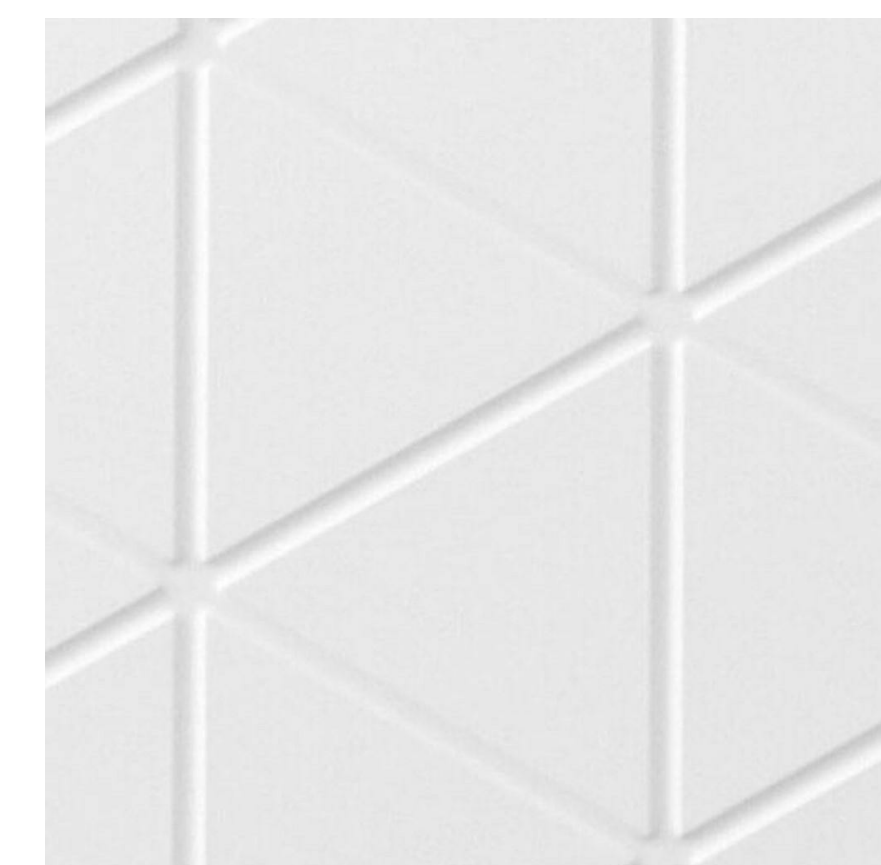
PT-3



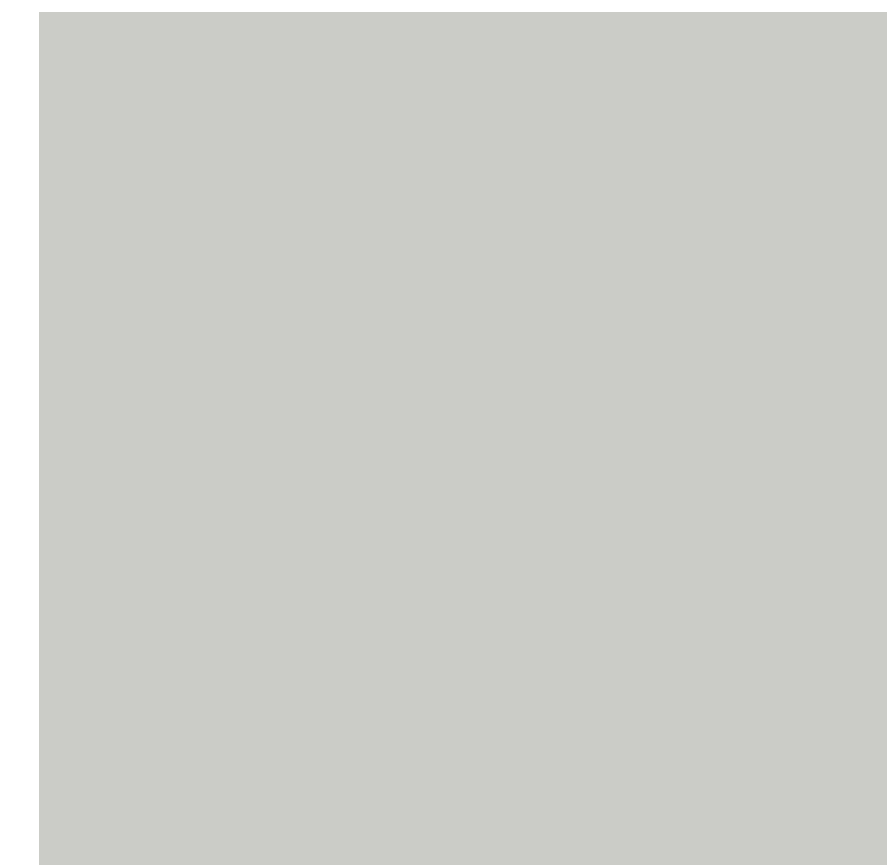
SS-1



PT-4



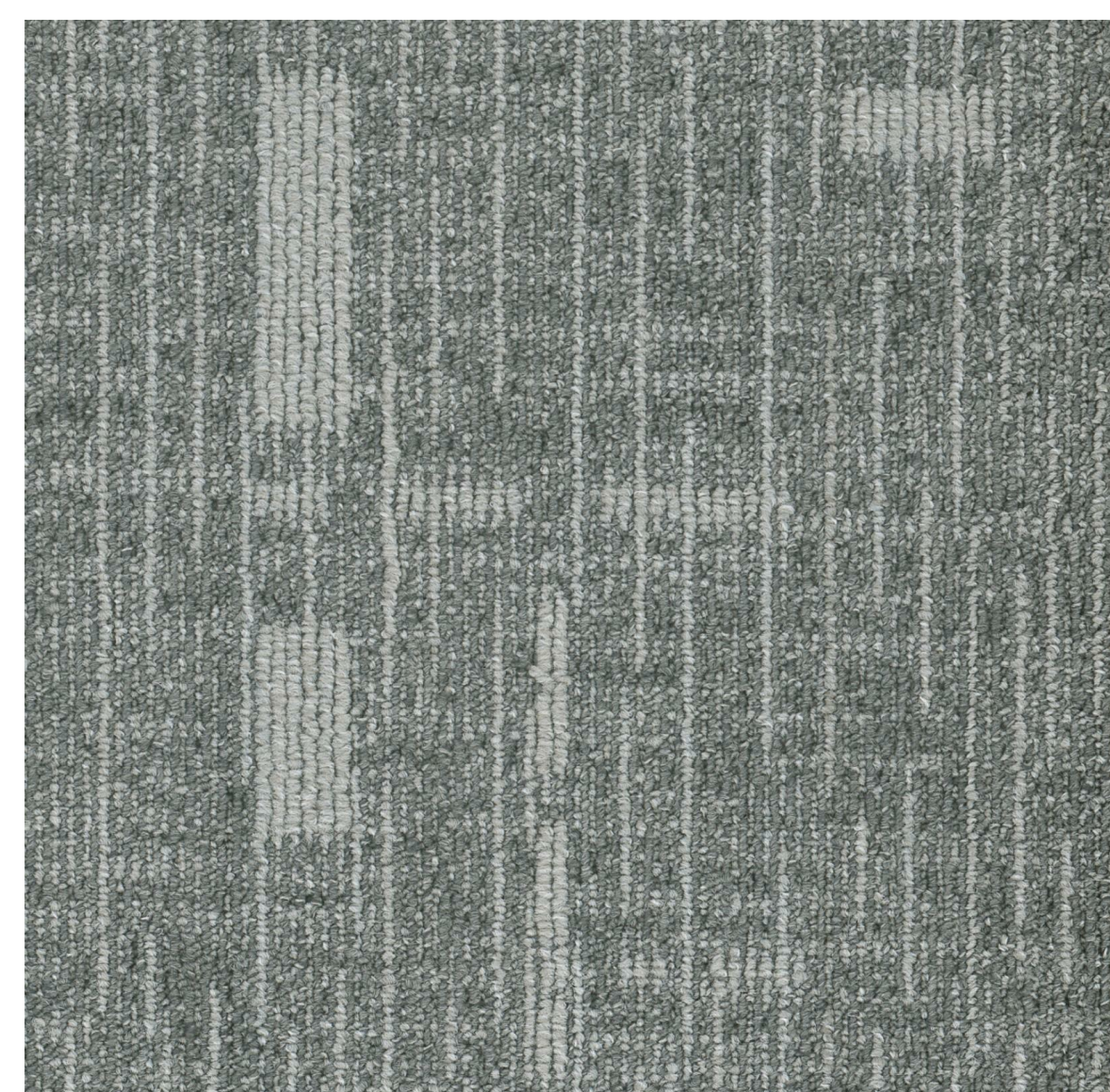
WST-1



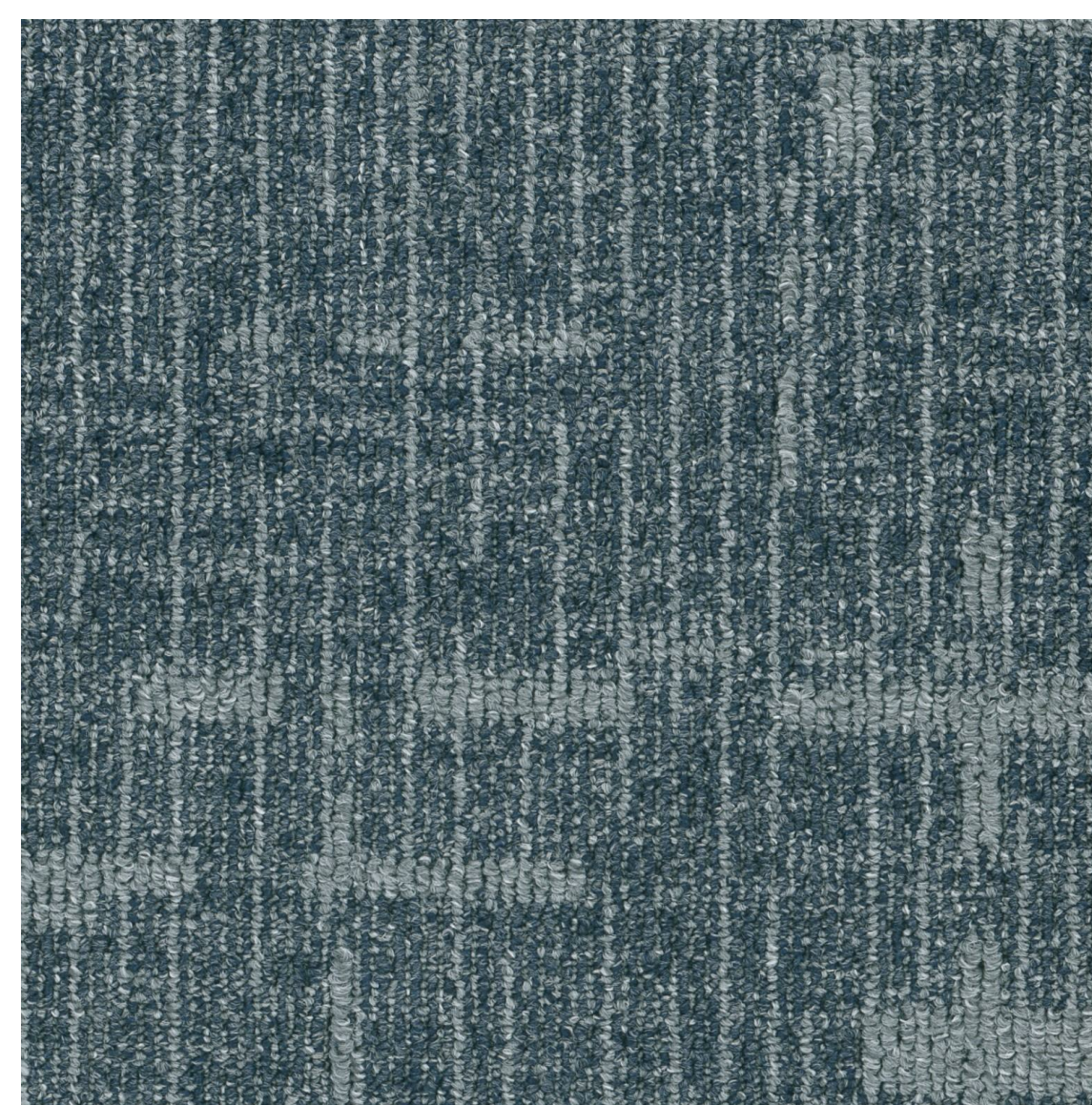
PT-5



RB-1



CPT-1



CPT-2

GENERAL NOTES

- GENERAL NOTES
- SCOPE OF WORK:** FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, SERVICES AND SKILLED SUPERVISION NECESSARY TO PROVIDE, INSTALL, TEST AND ADJUST ALL MECHANICAL AND ELECTRICAL SYSTEMS TO BE COMPLETE, OPERATIONAL AND READY FOR USE, AS INDICATED IN THESE DRAWINGS AND/OR SPECIFICATIONS.
 - PERMITS, LICENSES AND FEES:** PAY FOR ALL REQUIRED FEES AND OBTAIN ALL NECESSARY PERMITS AND LICENSES FOR THE LEGAL REMOVAL AND INSTALLATION OF THE WORK.
 - APPLICABLE CODES AND STANDARDS:** ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS AND ANY REGULATIONS EFFECTIVE IN THE PROJECT JURISDICTION. ALL CODE CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER FOR RESOLUTION. THE APPLICABLE CODES AND STANDARDS ON THIS PROJECT INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
 - ICC. INTERNATIONAL BUILDING CODE 2018
 - ICC. INTERNATIONAL PLUMBING CODE 2018
 - ICC. INTERNATIONAL MECHANICAL CODE 2018
 - VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC 2018)
 - VIRGINIA MECHANICAL CODE 2018
 - VIRGINIA STATEWIDE FIRE PREVENTION CODE 2015
 - INTERNATIONAL FIRE CODE (IFC) 2015
 - VIRGINIA ENERGY CONSERVATION CODE 2015
 - NATIONAL ELECTRICAL CODE (NEC) 2017
 - DRAWING ACCURACY:** THE LOCATION AND SIZES OF EXISTING EQUIPMENT, PIPING, OUTLETS, FIXTURES AND DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE VERIFIED AT THE PROJECT SITE. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO BE SCALED. WHEN INDICATED, ALL WORK SHALL BE PHYSICALLY LOCATED IN ACCORDANCE WITH THE ANNOTATED DIMENSIONS ON THE ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS.
 - DRAWINGS:** THE DRAWINGS ARE DIAGRAMMATIC AND REPRESENT THE INTENT OF THE CONTRACT. THE DESIGN DRAWINGS ARE NOT TO BE CONSIDERED A SUBSTITUTION TO THE SHOP DRAWINGS. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS CONDITIONS ALLOW, TO COMPLETE THE INTENT OF THE CONTRACT. THE ENGINEER RESERVES THE RIGHT TO MAKE MINOR ADJUSTMENTS/CHANGES IN LOCATIONS AND ARRANGEMENTS WHEN REQUIRED BY THE JOB DEVELOPMENT WITHOUT ADDITIONAL COMPENSATION TO THE CONTRACTOR.
 - SITE VISIT:** THE CONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE EXISTING CONDITIONS, EQUIPMENT, PIPING, WIRING, CONSTRUCTION, FINISHES, AND STRUCTURE PRIOR TO THE COMMENCEMENT OF WORK. WHEN ANY DISCREPANCY OR CONFLICT IS DETECTED AT THE PROJECT SITE, THE OWNER REPRESENTATIVE, AND ARCHITECT SHALL BE NOTIFIED IMMEDIATELY PRIOR TO COMMENCING OF THE WORK.
 - COORDINATION:** COORDINATE AND SEQUENCE THE WORK OF ALL DIVISIONS AND TRADES PRIOR TO FABRICATION AND INSTALLATION OF DUCTWORK AND RACEWAYS. COORDINATE THE LOCATION OF ALL NEW EQUIPMENT, DUCTWORK, AND DEVICES WITH THE BUILDING STRUCTURE AND NEW EQUIPMENT BEFORE FABRICATION. THE INSTALLATION SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER AND SHALL CONFORM TO THE LATEST TRADE PRACTICES. REFER TO THE ARCHITECTURAL DRAWINGS TO VERIFY THE EXACT LOCATION OF THE EQUIPMENT AND/OR FIXTURES. MAKE THE NECESSARY ACCOMMODATIONS TO MEET THE INTENT OF THE DRAWINGS AND ENSURE A COMPLETE AND COORDINATED INSTALLATION.
 - MOUNTING HEIGHTS:** COORDINATE THE MOUNTING HEIGHTS OF DEVICES TO BE LOCATED ON FINISH WALLS TO PROVIDE A CLEAN AND SYMMETRICAL APPEARANCE. REFER TO THE ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS FOR HEIGHTS AND LOCATIONS OF EQUIPMENT. DIMENSIONS, UNLESS OTHERWISE NOTED, ARE TO THE CENTERLINE OF THE EQUIPMENT.
 - MATERIALS/SUBMITTALS/SUBSTITUTIONS:** MANUFACTURERS AND CATALOGUE NUMBERS ARE USED HEREIN STRICTLY AS A REFERENCE. THEY REPRESENT THE TYPE, SIZE, CONSTRUCTION, PERFORMANCE, AND LEVEL OF QUALITY REQUIRED. EQUIPMENT FROM OTHER MANUFACTURERS (SUBSTITUTIONS) THAT MATCH OR SURPASS THE CHARACTERISTICS OF THOSE REFERENCED ON THE DRAWINGS WILL BE ACCEPTABLE, SUBJECT TO WRITTEN APPROVAL BY THE OWNER REPRESENTATIVE AND THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A SUBSTITUTION REQUEST ALONG WITH A COMPARISON TABLE LISTING THE CAPACITIES AND FEATURES OF THE BASIS OF DESIGN EQUIPMENT AND THOSE OF THE PROPOSED SUBSTITUTION EQUIPMENT/DEVICE FOR REVIEW AND APPROVAL.
 - BUILDING SERVICE INTERRUPTION:** THE CONTRACTOR SHALL NOTIFY THE OWNER REPRESENTATIVES, AND THE ARCHITECT IN ADVANCE IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR THE PROJECT REQUIREMENTS LISTED ON THESE DRAWINGS, AND SHALL OBTAIN WRITTEN AUTHORIZATION. A MINIMUM OF 7 DAYS PRIOR TO THE INTERRUPTION OF ANY BUILDING SERVICE. THE CONTRACTOR SHALL COORDINATE THE TIME AND DURATION OF THE SERVICE INTERRUPTION WITH THE OWNER, AND ARCHITECT. SERVICES THAT ARE PARTIALLY REMOVED SHALL BE CAPPED, VALVED OR TEMPORARILY BYPASSED, SO THAT THE OCCUPIED PORTION CAN REMAIN IN OPERATION WHILE THE NEW WORK IS BEING INSTALLED.
 - CLEANING & MATERIAL DISPOSITION:** CLEAR ALL DEBRIS DAILY FROM THE AREA OF WORK AND LEAVE THE SITE IN CLEAN CONDITION. CLEAN ALL EQUIPMENT ENCLOSURES, INSIDE AND OUTSIDE. ALL DEMOLISHED EQUIPMENT AND DEBRIS NOT TO BE REUSED OR SALVAGED SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF, IN ACCORDANCE WITH APPLICABLE REGULATIONS.
 - CUTTING & PATCHING:** PERFORM CUTTING AND PATCHING AS NECESSARY FOR THE INSTALLATION OF THIS WORK. SEAL UNUSED PENETRATIONS RESULTING FROM DEMOLITION FOR THIS WORK. ALL WORK SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE TO ADJACENT EQUIPMENT, PIPING, DUCTWORK, WIRING, FIXTURES, CONSTRUCTION, FINISHES AND STRUCTURE. RESTORE SURFACES TO MATCH THE EXISTING ADJACENT FINISHES AND CONDITIONS.
 - DIMENSIONS:** THE DIMENSIONS SHOWN ON THE PLANS ARE HORIZONTAL. THE DIMENSIONS SHOWN ON ELEVATIONS ARE VERTICAL.
 - CONCEALED COMPONENTS:** PROVIDE ACCESS TO SYSTEM COMPONENTS THAT ARE CONCEALED AND REQUIRE PERIODIC ACCESS. COORDINATE THE SIZE AND LOCATION OF ACCESS PANELS AND LABELS WITH THE ARCHITECTURAL DRAWINGS AND WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND/OR REQUIREMENTS.
 - INTERFERENCES:** ANY INTERFERENCE ENCOUNTERED AT THE PROJECT SITE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER REPRESENTATIVE AND ARCHITECT/ENGINEER OF RECORD AND SHALL BE RESOLVED PRIOR TO THE INSTALLATION OF ANY NEW WORK.
 - INSTALLATION OF NEW WORK:** THE INSTALLATION OF EQUIPMENT AND MATERIALS SHALL ADHERE TO THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. ALL SERVICE AND CODE REQUIRED CLEARANCES SHALL BE MAINTAINED, WHETHER INDICATED ON THE DRAWINGS OR NOT. THE INSTALLATION OF EQUIPMENT, DUCTWORK, PIPING, FIXTURES, ETC. SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER, AND SHALL CONFORM TO THE LATEST TRADE PRACTICES. REFER TO THE ARCHITECTURAL DRAWINGS TO VERIFY THE EXACT LOCATION OF EQUIPMENT, FIXTURES, ETC. COORDINATE THE DUCTWORK AND PIPING INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION. MAKE THE NECESSARY ACCOMMODATIONS TO MEET THE INTENT OF THE DRAWINGS AND ENSURE A COORDINATED AND COMPLETELY FUNCTIONAL INSTALLATION.
 - PLENUM SPACES:** ALL MECHANICAL AND/OR ELECTRICAL EQUIPMENT, PIPING, INSULATION, WIRING, ETC. INSTALLED IN ACTIVE PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY RATINGS.
 - COORDINATED DRAWINGS:** PROVIDE COORDINATED DRAWINGS COVERING THE AREAS OF WORK, INDICATING ALL FLOOR SLAB PENETRATIONS, CONNECTIONS TO FIXTURES, AND TO EQUIPMENT THE COORDINATED DRAWINGS SHALL INCLUDE BUT NOT BE LIMITED TO DUCTWORK, HVAC PIPING, MAJOR ELECTRICAL CONDUITS AND JUNCTION BOXES, AS APPLICABLE. SUBMIT 1/4 SCALE COORDINATED DRAWINGS FOR THE ENGINEER'S REVIEW AND APPROVAL.
 - AS-BUILT DRAWINGS:** PROVIDE AS-BUILT RED-LINED DRAWINGS AT THE COMPLETION OF THE PROJECT FOR THE ENGINEER'S REVIEW AND FOR THE RECORD. INDICATE MAJOR CHANGES AND/OR ADJUSTMENTS TO THE EQUIPMENT AND/OR ANCILLARY DEVICE LOCATIONS.
 - HAZARDOUS MATERIALS:** WHERE HAZARDOUS MATERIALS SUCH AS ACMs, PCBs, OR LEAD ARE ENCOUNTERED, THE CONTRACTOR SHALL CEASE DEMOLITION WORK AND NOTIFY THE OWNER, ARCHITECT AND ENGINEER AT ONCE.
 - VALVES AND ACCESS PANELS:** INSTALL ALL VALVES SUCH THAT THEY ARE ACCESSIBLE THROUGH ACCESS PANELS AS NEEDED. COORDINATE THE SIZE AND THE LOCATION OF ACCESS PANELS WITH THE ARCHITECTURAL DRAWINGS. THE ACCESS PANELS SHALL BE AS MANUFACTURED BY MILCOR SERIES M OR MS (LOCATION WHERE HUMIDITY IS PRESENT), 12"x12" MINIMUM OR AS REQUIRED BY THE EQUIPMENT TO BE ACCESSED.
 - EXTENSIONS AND NEW CONNECTIONS:** EXTENSIONS AND NEW CONNECTIONS TO EXISTING PIPING SYSTEMS SHALL BE MADE WITH MATERIALS OF THE SAME TYPE, RATING, AND COMPOSITION AS THE EXISTING PIPING, UNLESS OTHERWISE IDENTIFIED HEREIN. WHERE PIPING INSULATION IS DISTURBED BY THIS WORK, THE INSULATION SHALL BE REPAIRED AND/OR RESTORED TO MATCH THE EXISTING.
 - PENETRATIONS:** ALL PIPING PENETRATING CEILINGS AND WALLS SHALL BE INSTALLED WITH ESCUTCHEONS AT THE PENETRATION. ALL PIPING PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE PROVIDED WITH SLEEVES, INSULATION, CURBS AND REMOVABLE CAPS AND BE MADE WATER-TIGHT AS INDICATED ON THE INSTALLATION DETAILS. PIPING PENETRATING FIRE RATED PARTITIONS/ASSEMBLIES SHALL BE PROVIDED WITH FIRE RATED SEALS OR COMPOUNDS AS REQUIRED BY THE LOCAL CODE AUTHORITY.
 - AIRFLOW / WATERFLOW TEST REPORTS:** PROVIDE THE LABOR, EQUIPMENT AND MATERIALS AS NECESSARY TO TEST AND MEASURE THE AIR DISTRIBUTION SYSTEM AIRFLOWS AND HVAC PIPING WATER FLOWS PRIOR TO ANY DEMOLITION WORK. SUBMIT A REPORT TO THE ENGINEER FOR REVIEW INCLUDING A LIST OF DEFICIENCIES ENCOUNTERED IN THE EXISTING SYSTEM.
 - O & Ms:** PROVIDE OPERATING AND MAINTENANCE (O & M) MANUALS FOR THE OWNER'S USE. THE O & Ms SHALL INCLUDE BUT NOT BE LIMITED TO EQUIPMENT CUTSHEETS, EQUIPMENT SCHEDULES, VALVE TAG SCHEDULES, CONTROL DIAGRAMS AND SEQUENCES OF OPERATION. PROVIDE 3 HARDCOPIES AND AN ELECTRONIC COPY IN PDF FORMAT.
 - CONTROLS:** THE CONTRACTOR SHALL ENGAGE THE BUILDING CONTROLS EQUIPMENT PROVIDER AND COORDINATE ANY CONTROLS DEVICES AND PROGRAMMING WITH THE CONTROLS PROVIDER.

HVAC SYMBOLS

SYMBOL	DESCRIPTION
	SUPPLY DIFFUSER ARROWS DENOTE AIR FLOW
	DIRECTION OF AIR FLOW
	AIR DAMPER
	SUPPLY LINEAR DIFFUSER
	ROUND DIFFUSER WITH FLEXIBLE DUCT CONNECTION
	RETURN/EXHAUST GRILLE
	RETURN/EXHAUST GRILLE
	SIDEWALL DIFFUSER
	RECTANGULAR DUCT SIZE IN INCHES (H X W)
	ROUND DUCT SIZE IN INCHES (DIAMETER)
	SUPPLY ELBOW TURNED UP
	SUPPLY ELBOW TURNED DOWN
	RETURN ELBOW TURNED UP
	RETURN ELBOW TURNED DOWN
	EXHAUST ELBOW TURNING DOWN
	ELBOW WITH TURNING VANES
	FLEXIBLE CONNECTION
	RECTANGULAR DUCT TRANSITION
	RECTANGULAR TO ROUND DUCT TRANSITION
	BACKDRAFT DAMPER
	FIRE DAMPER
	MOTORIZED DAMPER
	SMOKE DAMPER
	VOLUME DAMPER
	FLEXIBLE DUCT, 5' MAX LENGTH
	CARBON DIOXIDE SENSOR
	DUCT SMOKE DETECTOR
	THERMOSTAT
	HUMIDISTAT
	EMERGENCY AIR SHUT OFF SWITCHES, ATPF
	OCCUPANCY SENSORS
	CONDENSER WATER RETURN
	CONDENSER WATER SUPPLY
	CONDENSATE DRAIN
	EXISTING WORK
	DEMOLITION WORK
	NEW WORK

CONTROLS SYMBOLS

	THERMOSTAT WIRING
	CONTROL LOOP
	NETWORK SWITCH

GENERAL SYMBOLS

	CONNECTION POINT NEW TO EXISTING
	END OF DEMOLITION
	KEYNOTE
	SECTION VIEW. NUMBER DENOTES SECTION NUMBER AND X DENOTES DRAWING NUMBER
	WATER SOURCE HEAT PUMP
	PRESSURE GAUGE
	CHECK VALVE
	STRAINER
	BUTTERFLY VALVE

GENERAL SYMBOLS

	DIRECTION OF AIR FLOW
	BALANCING VALVE (AT PUMP)
	CONTROL VALVE
	TEMPERATURE GAGE
	PUMP
	BALL VALVE
	COCENTRIC REDUCER
	UNION
	DIRECTION OF FLOW IN PIPE
	PIPE TURNED DOWN
	PIPE TURNED UP
	PIPE ANCHOR
	DIRECTION OF PIPE PITCH (DOWN)
	GUIDE

ABBREVIATIONS

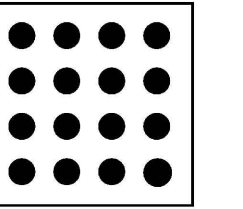
A	AMPERE
ACU	AIR CONDITIONING UNIT
ACH	AIR CHANGE PER HOUR
ACM	ASBESTOS CONTAINING MATERIAL
ADJ	ADJACENT / ADJOINING / ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
AS	AIR SEPARATOR
ATFP	ANTI-TERRORISM FORCE PROTECTION
BD	BACKDRAFT DAMPER
BFF	BELOW FINISHED FLOOR
BHP	BRAKE HORSE POWER
BOD	BOTTOM OF DUCT
BOT	BOTTOM
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
BYP	BYPASS
CAP	CAPACITY
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CL	CENTER LINE
CLG	CEILING
CO	CLEAN OUT
CO2	CARBON DIOXIDE
CONT	CONTINUE
CP	CONTROL PANEL / CONDENSATE PUMP
CU	CONDENSING UNIT
CU FT	CUBIC FEET
CU IN	CUBIC INCHES
CV	CONTROL VALVE
CWP	CIRCULATING WATER PUMP/CONDENSER WATER
PUMP	
CWR	CONDENSED WATER RETURNED
CWS	CONDENSED WATER SUPPLIED
dB	DECIBEL
DB	DRY BULB
dBA	A-WEIGHTED DECIBEL
DDC	DIRECT DIGITAL CONTROL PANEL
DEG	DEGREE
DEMO	DEMOLITION
DH	DUCT HEATER
DIA	DIAMETER
DIFF	DIFFUSER
DN	DOWN
DOAS	DEDICATED OUTSIDE AIR UNIT
DPS	DIFFERENTIAL PRESSURE SENSOR
DTR	DUAL TEMPERATURE RETURN PIPE
DTS	DUAL TEMPERATURE SUPPLY PIPE
DWG	DRAWING
DX	DIRECT EXPANSION (COOLING UNIT)
EA	EXHAUST AIR / EACH
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
ELEC	ELECTRIC
EMER	EMERGENCY
EQUIP	EQUIPMENT
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
(E)	EXISTING
EXP	EXPANSION
°F	DEGREES FAHRENHEIT
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FLA	FULL LOAD AMPS

ABBREVIATIONS

FLEX	FLEXIBLE
FT H ₂ O	FEET OF WATER COLUMN
FPI	FINS PER INCH
PFM	FEET PER MINUTE
FPS	FEET PER SECOND
G	NATURAL GAS
GAL	GALLON
GC	GENERAL CONTRACTOR
GCWR	GLYCOL WATER RETURN
GCWS	GLYCOL WATER SUPPLY
GPM	GALLONS PER MINUTE
HD	HEAD
HP	HORSEPOWER / HIGH PRESSURE / HEAT PUMP
HT	HEIGHT
HVAC	HEATING VENTILATION AND AIR CONDITIONING
Hx	HEAT EXCHANGER
Hz	HERTZ
IN	INCHES
IN WC	INCHES WATER COLUMN
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
lbs	POUNDS
LD	LINEAR DIFFUSER
LR	LINEAR RETURN
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MA	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MAU	MAKEUP AIR UNIT
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNIT
MCA	MINIMUM CIRCUIT AMPS
MD	MOTORIZED DAMPER
MIN	MINIMUM
MISC	MISCELLANEOUS
MOD	MODIFY
NC	NORMALLY CLOSE / NOISE CRITERIA
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN / NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
NUM	NUMBER
OA	OUTSIDE AIR
OD	OPPOSED BLADE DAMPER
ODB	OUTSIDE DIAMETER
PCB	POLYCHLORINATED BIPHENYL
PD	PRESSURE DROP
PH	PHASE
PLBG	PLUMBING
PNL	PANEL
PSI	POUNDS PER SQUARE INCH
R	RADIUS / RISER / THERMAL RESISTANCE
RA	RETURN AIR
RAT	RETURN AIR TEMPERATURE
RR	RETURN REGISTER
REF	REFERENCE / REFRIGERATOR
REV	REVISION / REVOLUTIONS
RF	RELIEF FAN
RH	RELATIVE HUMIDITY / ROOF HOOD / REHEAT
RPM	REVOLUTIONS PER MINUTE
RV	RELIEF VALVE / ROOF VENT
SA	SUPPLY AIR
SD	SUPPLY DIFFUSER SMOKE DETECTOR
SF	SUPPLY FAN / SAFETY FACTOR / SQUARE FEET
SH	SENSIBLE HEAT
SPEC	SPECIFICATION
STD	STANDARD
SYS	SYSTEM
TD	TRANSFER DUCT
TEMP	TEMPERATURE
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TYP	TYPICAL
UH	UNIT HEATER
V	VOLTS / VOLTAGE
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VTR	VENT THROUGH ROOF
VT	VENTILATOR
W/	WITH
W/O	WITHOUT
WB	WET BULB
WPD	WATER PRESSURE DROP
WSHP	WATER SOURCE HEAT PUMP
WR	WALL RETURN REGISTER

NOTE: NOT ALL ABBREVIATIONS INDICATED ABOVE ARE USED ON THIS PROJECT.

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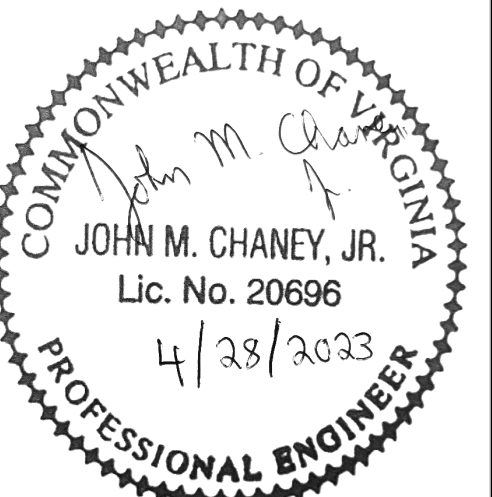
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DRAWN: MR CHECKED: JMC

SCALE: NONE

SHEET TITLE:
**GENERAL NOTES,
SYMBOLS &
ABBREVIATIONS**

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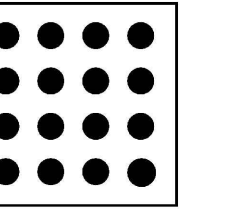
SHEET #

M-001

GENERAL NOTES:

1. EXISTING MEDIUM PRESSURE DUCTWORK.
2. EXISTING LOW PRESSURE DUCTWORK.
3. EXISTING VERTICAL AIR CONDITIONING UNIT SERVING CONFERENCE ROOM 15U25.
4. EXISTING LOW PRESSURE DUCTWORK SERVING CONFERENCE ROOM 15U25.
5. PROVIDE THE LABOR, EQUIPMENT AND MATERIALS TO OPERATE THE AIR DISTRIBUTION SYSTEM AND PROVIDE TEST AND AIRFLOW MEASURING AT THE AIR DISTRIBUTION DEVICES WITHIN THE AREAS OF WORK, PRIOR TO DEMOLITION. RECORD THE TESTING MEASUREMENTS AND TURN OVER TO THE ENGINEER AND ARCHITECT FOR REVIEW. RECORD AND REPORT ANY SYSTEM DEFICIENCIES.
6. PROVIDE THE LABOR, EQUIPMENT AND MATERIALS NECESSARY TO REMOVE SECTIONS OF DUCTWORK, LOW PRESSURE BRANCHES, FLEXIBLE DUCTWORK AND DIFFUSERS WITHIN THE AREAS OF WORK, AS INDICATED.
7. PROVIDE THE LABOR, EQUIPMENT AND MATERIALS NECESSARY TO DISCONNECT, REMOVE AND RELOCATE THE FAN POWERED TERMINAL DEVICES WHERE INDICATED. EXERCISE CARE NOT TO DAMAGE THE FAN POWERED TERMINAL DEVICES AND STORE IN A SAFE LOCATION UNTIL RE-INSTALLATION.
8. DISCONNECT AND REMOVE EXISTING FLOOR MOUNTED CONSOLE TYPE AIR CONDITIONING UNIT. DRAIN THE PIPING, DISCONNECT AND REMOVE BACK TO THE MAIN PIPING. CAP REMAINING CONNECTION TEES.

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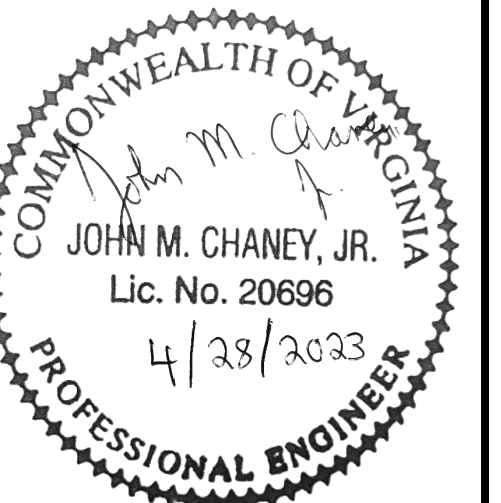
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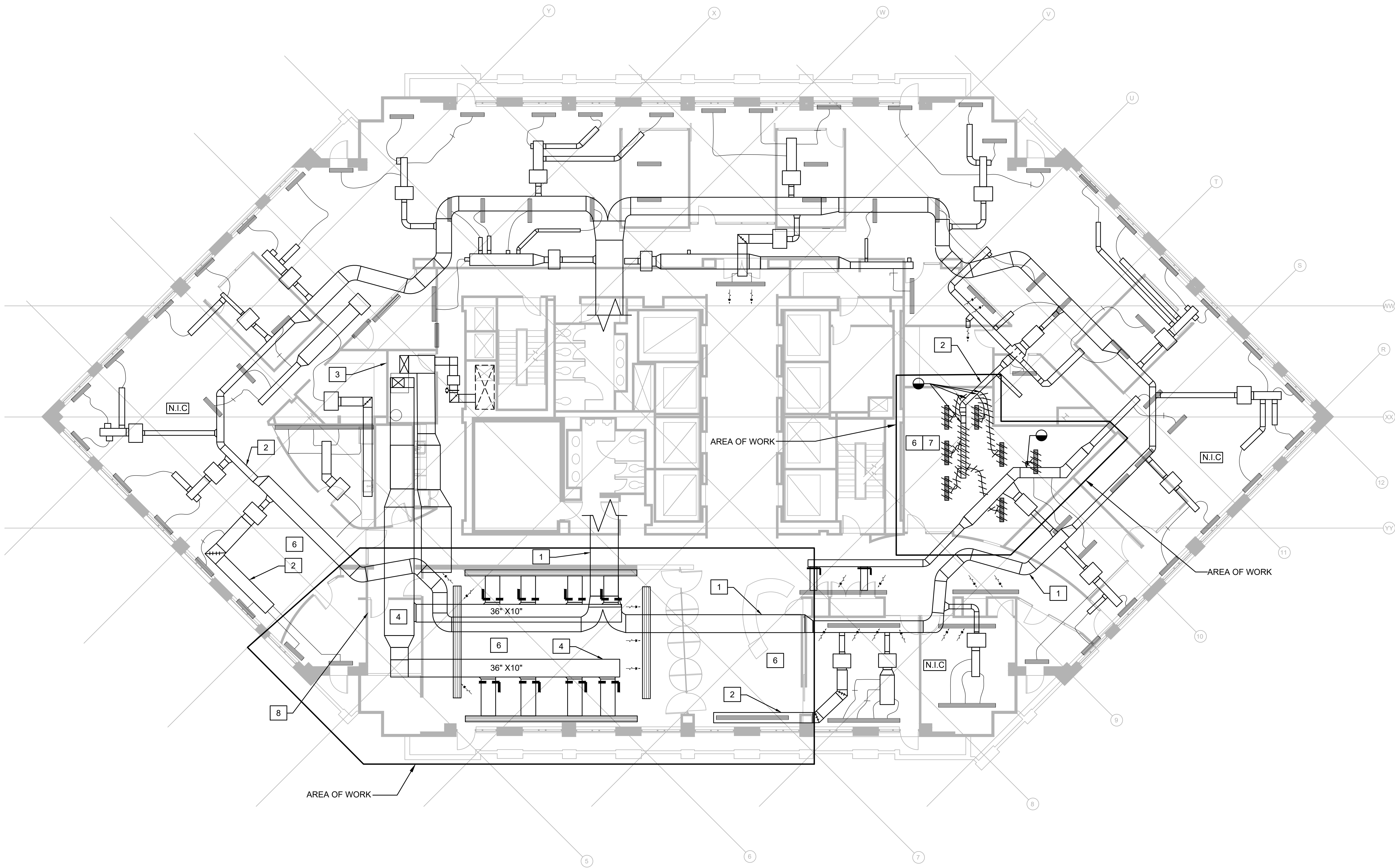
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05/02/23	BID SET	



15TH FLOOR PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"

DRAWN: MR CHECKED: JMC

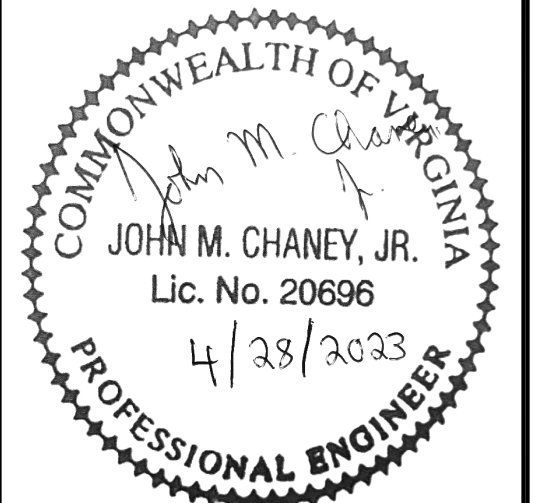
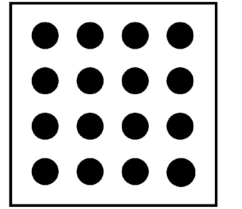
SCALE: AS INDICATED

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**15TH FLOOR PLAN
- DEMOLITION**

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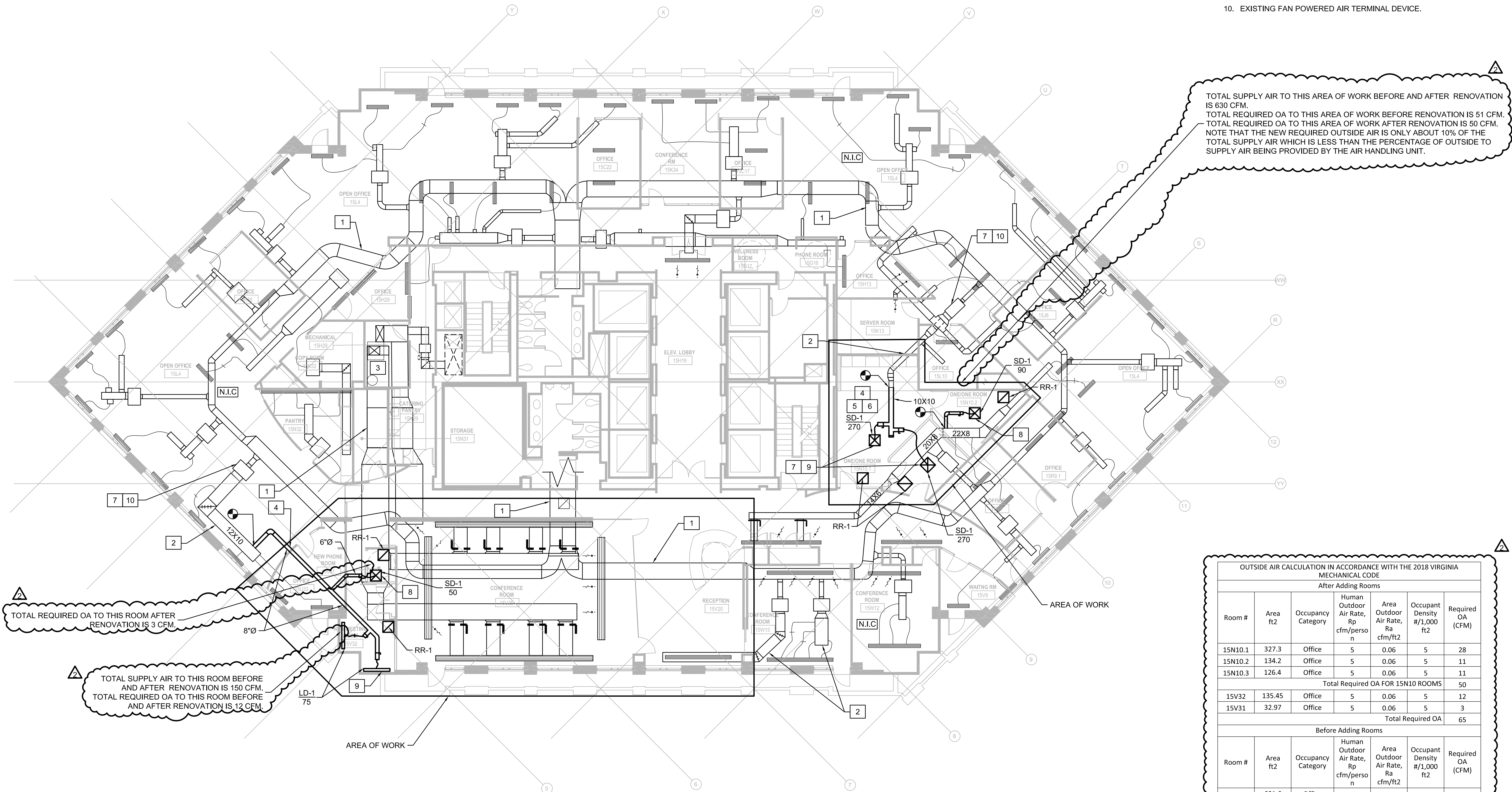
SHEET #

MD-101



GENERAL NOTES:

- EXISTING MEDIUM PRESSURE DUCTWORK.
- EXISTING LOW PRESSURE DUCTWORK.
- EXISTING VERTICAL AIR CONDITIONING UNIT SERVING CONFERENCE ROOM 15U25.
- PROVIDE THE LABOR, EQUIPMENT AND MATERIALS TO REPLACE SECTIONS OF LOW PRESSURE DUCTWORK, DIFFUSERS AND RETURN GRILLES TO SUPPORT THE NEW OFFICE.
ENERGIZE EXISTING AC UNIT. TEST AND MEASURE AIR FLOWS AT THE AIR DISTRIBUTION DEVICES. ADJUST AC UNIT TO DELIVER CFM QUANTITIES TO MATCH THOSE MEASURED PRIOR TO DEMOLITION WORK. PREPARE AND SUBMIT TEST REPORT.
PROVIDE THE LABOR, EQUIPMENT AND MATERIALS NECESSARY TO REPLACE SECTIONS OF DUCTWORK, LOW PRESSURE BRANCHES, FLEXIBLE DUCTWORK AND DIFFUSERS WITHIN THE AREAS OF WORK, AS INDICATED.
- PROVIDE THE LABOR, EQUIPMENT AND MATERIALS NECESSARY TO REPLACE AND/OR RELOCATE THE FAN POWERED TERMINAL DEVICES WHERE INDICATED. TEST AND BALANCE UPON COMPLETION OF WORK TO MATCH THE CFM LISTED ON THE DRAWINGS.
- COORDINATE THE LOCATION AND TYPE OF AIR DISTRIBUTION DEVICES WITH ARCHITECTURAL CEILINGS.
- RE-BALANCE BOX TO REQUIRED CFM.
- CEILING DIFFUSER.
- LINEAR DIFFUSER (TYP).
- EXISTING FAN POWERED AIR TERMINAL DEVICE.



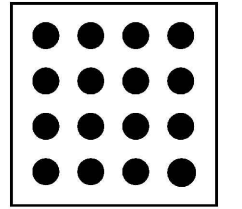
TOTAL SUPPLY AIR TO THIS AREA OF WORK BEFORE AND AFTER RENOVATION IS 630 CFM.
TOTAL REQUIRED OA TO THIS AREA OF WORK BEFORE RENOVATION IS 51 CFM.
TOTAL REQUIRED OA TO THIS AREA OF WORK AFTER RENOVATION IS 50 CFM.
NOTE THAT THE NEW REQUIRED OUTSIDE AIR IS ONLY ABOUT 10% OF THE TOTAL SUPPLY AIR WHICH IS LESS THAN THE PERCENTAGE OF OUTSIDE TO SUPPLY AIR BEING PROVIDED BY THE AIR HANDLING UNIT.

TOTAL REQUIRED OA TO THIS ROOM AFTER RENOVATION IS 3 CFM.

TOTAL SUPPLY AIR TO THIS ROOM BEFORE AND AFTER RENOVATION IS 150 CFM.
TOTAL REQUIRED OA TO THIS ROOM BEFORE AND AFTER RENOVATION IS 12 CFM.

OUTSIDE AIR CALCULATION IN ACCORDANCE WITH THE 2018 VIRGINIA MECHANICAL CODE

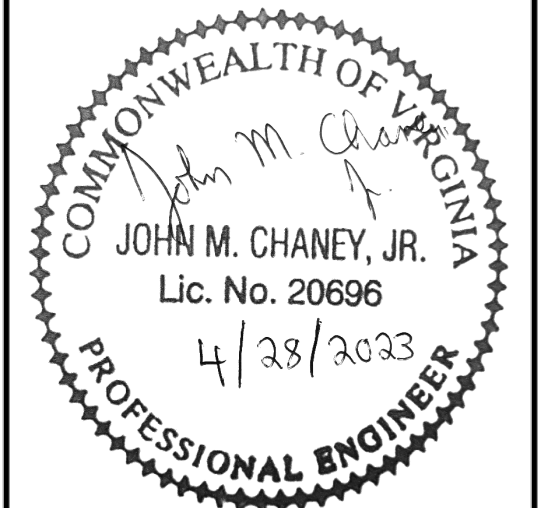
After Adding Rooms							
Room #	Area ft ²	Occupancy Category	Human Outdoor Air Rate, R _p cfm/person	Area Outdoor Air Rate, R _a cfm/ft ²	Occupant Density #/1,000 ft ²	Required OA (CFM)	
15N10.1	327.3	Office	5	0.06	5	28	
15N10.2	134.2	Office	5	0.06	5	11	
15N10.3	126.4	Office	5	0.06	5	11	
Total Required OA FOR 15N10 ROOMS							50
15V32	135.45	Office	5	0.06	5	12	
15V31	32.97	Office	5	0.06	5	3	
Total Required OA							65
Before Adding Rooms							
Room #	Area ft ²	Occupancy Category	Human Outdoor Air Rate, R _p cfm/person	Area Outdoor Air Rate, R _a cfm/ft ²	Occupant Density #/1,000 ft ²	Required OA (CFM)	
15N10	601.6	Office	5	0.06	5	51	
15V32	135.45	Office	5	0.06	5	12	
15V31	33.6	Office	5	0.06	5	3	
Total Required OA							66



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**(EXISTING) FAN POWERED TERMINAL DEVICE SCHEDULE
REFERENCE ONLY**

TAG	DESIGN CFM RANGE		AIR VALVE SIZE (IN)	OUTLET SIZE (IN)	HEATING COIL			FAN			REMARKS
	AIR VALVE	FAN			KW	V	PHASE	HP	V	ESP	
A	45 - 450	150 - 300	6	11 X 10	4	480	3	1/10	277	N/A	
B	80 - 800	150 - 300	8	11 X 10	4	480	3	1/10	277	N/A	
C	100 - 1000	500 - 525	10	16 X 13	6	480	3	1/4	277	N/A	
D	135 - 1530	500 - 525	12	16 X 13	6	480	3	1/4	277	N/A	
E,J	90 - 900	650 - 900	12	24 X 16	4	480	3	1/4	277	N/A	
F,K	100 - 1000	825 - 1000	12	24 X 16	6	480	3	1/3	277	N/A	
G,L	127 - 1250	1150 - 1250	12	24 X 16	6	480	3	1/2	277	N/A	
H	58 - 575	425 - 575	8	18 X 12	4	480	3	1/4	277	N/A	
I,N	55 - 550	250 - 550	8	18 X 12	4	480	3	1/6	277	N/A	

NOTES:
1. THE INFORMATION LISTED ABOVE IS INTENDED FOR REFERENCE ONLY. THE INFORMATION HAS BEEN TAKEN FROM THE ORIGINAL DESIGN DOCUMENTS.

AIR DISTRIBUTION DEVICE SCHEDULE

TAG	SERVICE	TYPE	CFM RANGE	NECK SIZE (IN)	FACE SIZE (IN)		BASIS OF DESIGN		REMARKS
					ACTIVE	OVERALL	MANUFACTURER	MODEL	
LD-1	SUPPLY	PERIMETER LINEAR DIFFUSER	0-120	8	24	48	PRICE	AS	1, 2 & 3
SD-1	SUPPLY	SQUARE LAY IN 4-WAY	0-100	6	N/A	24X24	PRICE	SMDP	4 THROUGH 8
RR-1	RETURN	CLG RETURN DIFFUSER PERFORATED	N/A	18X18	18X18	24X24	PRICE	PDDR	8, 9

NOTES:
1. CENTER ACTIVE DIFFUSER PLENUM OVER DIFFUSER FACEPLATE.
2. PROVIDE TYPE 22 FRAME COMPATIBLE WITH GYPBOARD CEILINGS.
3. TWO-INCH SINGLE SLOT WITH TEN-INCH INSULATED PLENUM AND THROUGH THE FACEPLATE DAMPER REGULATOR.
4. PROVIDE SMDP WITH 8-INCH TALL SHEET METAL PLENUM ADAPTER WITH FLAT-OVAL 13X3 SIDE CONNECTION.
5. WHITE POWDER COAT FINISH.
6. VERIFY QUANTITIES OF AIR DISTRIBUTION DEVICES.
7. PROVIDE ROSSI HARDWARE EVERLOCK-2 VOLUME REGULATOR IN EVERY DUCT BRANCH.
8. COORDINATE AIR DEVICE FRAME TYPE WITH ARCHITECTURAL CEILINGS (WHERE APPLICABLE.)
9. FLUSH, PERFORATED AND HINGED FACE PLATE.

DRAWN: MR CHECKED: JMC

SCALE:

SHEET TITLE:

**EQUIPMENT
SCHEDULES**

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SHEET #

M-601

GENERAL NOTES

GENERAL NOTES

- NOTE:** NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED ON THIS DRAWING ARE USED ON THIS PROJECT.
- SCOPE OF WORK:** FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, SERVICES AND SKILLED SUPERVISION NECESSARY TO PROVIDE, INSTALL, TEST AND ADJUST ALL MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS TO BE COMPLETE, OPERATIONAL AND READY FOR USE, AS INDICATED IN THESE DRAWINGS AND/OR SPECIFICATIONS.
- PERMITS, LICENSES AND FEES:** PAY FOR ALL REQUIRED FEES AND OBTAIN ALL NECESSARY PERMITS AND LICENSES FOR THE LEGAL REMOVAL AND INSTALLATION OF THE WORK.
- APPLICABLE CODES AND STANDARDS:** ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS AND ANY REGULATIONS EFFECTIVE IN THE PROJECT JURISDICTION. ALL CODE CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER FOR RESOLUTION. THE APPLICABLE CODES AND STANDARDS ON THIS PROJECT INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
 - ICC, INTERNATIONAL BUILDING CODE 2018
 - VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC 2018)
 - VIRGINIA STATEWIDE FIRE PREVENTION CODE 2018
 - INTERNATIONAL FIRE CODE (IFC) 2018
 - VIRGINIA ENERGY CONSERVATION CODE 2018
 - NATIONAL ELECTRICAL CODE (NEC) 2017
- DRAWING ACURACY:** THE LOCATION AND SIZES OF EXISTING EQUIPMENT, PIPING, OUTLETS, FIXTURES AND DEVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND SHALL BE VERIFIED AT THE PROJECT SITE. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO BE SCALED. WHEN INDICATED, ALL WORK SHALL BE PHYSICALLY LOCATED IN ACCORDANCE WITH THE ANNOTATED DIMENSIONS ON THE ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS.
- DRAWINGS ARE DIAGRAMMATIC AND REPRESENT THE INTENT OF THE CONTRACT.** THE DESIGN DRAWINGS ARE NOT TO BE CONSIDERED A SUBSTITUTION TO THE SHOP DRAWINGS. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS CONDITIONS ALLOW, TO COMPLETE THE INTENT OF THE CONTRACT. THE ENGINEER RESERVES THE RIGHT TO MAKE MINOR ADJUSTMENTS/CHANGES IN LOCATIONS AND ARRANGEMENTS WHEN REQUIRED BY THE JOB DEVELOPMENT WITHOUT ADDITIONAL COMPENSATION TO THE CONTRACTOR.
- PROJECT SITE VISIT:** THE CONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE EXISTING CONDITIONS, EQUIPMENT, PIPING, WIRING, CONSTRUCTION, FINISHES, AND STRUCTURE PRIOR TO THE COMMENCEMENT OF WORK. WHEN ANY DISCREPANCY OR CONFLICT IS DETECTED AT THE PROJECT SITE, THE OWNER REPRESENTATIVE, AND ARCHITECT SHALL BE NOTIFIED IMMEDIATELY PRIOR TO COMMENCING OF THE WORK.
- COORDINATION:** CONTRACTOR SHALL COORDINATE AND SEQUENCE THE WORK OF ALL DIVISIONS AND TRADES PRIOR TO FABRICATION AND INSTALLATION OF DUCTWORK AND RACEWAYS. COORDINATE THE LOCATION OF ALL NEW EQUIPMENT, DUCTWORK, PLUMBING FIXTURES, AND DEVICES WITH THE BUILDING STRUCTURE AND NEW EQUIPMENT BEFORE FABRICATION. THE INSTALLATION SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER AND SHALL CONFORM TO THE LATEST TRADE PRACTICES. REFER TO THE ARCHITECTURAL DRAWINGS TO VERIFY THE EXACT LOCATION OF THE EQUIPMENT AND/OR FIXTURES. MAKE THE NECESSARY ACCOMMODATIONS TO MEET THE INTENT OF THE DRAWINGS AND ENSURE A COMPLETE AND COORDINATED INSTALLATION.
- MOUNTING HEIGHTS:** COORDINATE THE MOUNTING HEIGHTS OF DEVICES TO BE LOCATED ON FINISH WALLS TO PROVIDE A CLEAN AND SYMMETRICAL APPEARANCE. REFER TO THE ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS FOR HEIGHTS AND LOCATIONS OF EQUIPMENT. DIMENSIONS, UNLESS OTHERWISE NOTED, ARE TO THE CENTERLINE OF THE EQUIPMENT.
- MATERIALS/SUBMITTALS/SUBSTITUTIONS:** MANUFACTURERS AND CATALOGUE NUMBERS ARE USED HEREIN STRICTLY AS A REFERENCE. THEY REPRESENT THE TYPE, SIZE, CONSTRUCTION, PERFORMANCE, AND LEVEL OF QUALITY REQUIRED. EQUIPMENT FROM OTHER MANUFACTURERS (SUBSTITUTIONS) THAT MATCH OR SURPASS THE CHARACTERISTICS OF THOSE REFERENCED ON THE DRAWINGS WILL BE ACCEPTABLE, SUBJECT TO WRITTEN APPROVAL BY THE OWNER REPRESENTATIVE AND THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A SUBSTITUTION REQUEST ALONG WITH A COMPARISON TABLE LISTING THE CAPACITIES AND FEATURES OF THE BASIS OF DESIGN EQUIPMENT AND THOSE OF THE PROPOSED SUBSTITUTION EQUIPMENT/DEVICE FOR REVIEW AND APPROVAL.
- BUILDING SERVICE INTERRUPTION:** THE CONTRACTOR SHALL NOTIFY THE OWNER REPRESENTATIVES, AND THE ARCHITECT IN ADVANCE IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR THE PROJECT REQUIREMENTS LISTED ON THESE DRAWINGS, AND SHALL OBTAIN WRITTEN AUTHORIZATION. A MINIMUM OF 7 DAYS PRIOR TO THE INTERRUPTION OF ANY BUILDING SERVICE. THE CONTRACTOR SHALL COORDINATE THE TIME AND DURATION OF THE SERVICE INTERRUPTION WITH THE OWNER, AND ARCHITECT.
- CLEANING & MATERIAL DISPOSITION:** OWNER HAS FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE MATERIALS. ALL OTHER MATERIAL AND DEBRIS ACCUMULATED AS A RESULT OF DEMOLITION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES BY THE CONTRACTOR AND DISPOSED OF IN A LEGAL AND PROPER MANNER, IN ACCORDANCE WITH APPLICABLE REGULATIONS. CLEAR ALL DEBRIS DAILY FROM THE AREA OF WORK AND LEAVE THE SITE IN CLEAN CONDITION. CLEAN ALL EQUIPMENT ENCLOSURES, INSIDE AND OUTSIDE.
- CUTTING & PATCHING:** PERFORM CUTTING AND PATCHING AS NECESSARY FOR THE INSTALLATION OF THIS WORK. SEAL UNUSED PENETRATIONS RESULTING FROM DEMOLITION FOR THIS WORK. ALL WORK SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE TO ADJACENT EQUIPMENT, PIPING, DUCTWORK, WIRING, FIXTURES, CONSTRUCTION, FINISHES AND STRUCTURE, AND BE ACCEPTABLE TO THE OWNER'S REPRESENTATIVES. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH NECA-1 AND SHALL CONFORM TO ALL APPLICABLE CODES, REGULATIONS AND MANUFACTURER'S RECOMMENDATIONS. RESTORE SURFACES TO MATCH THE EXISTING ADJACENT FINISHES AND CONDITIONS.

GENERAL NOTES

GENERAL NOTES CONTINUED

- DIMENSIONS:** THE DIMENSIONS SHOWN ON THE PLANS ARE HORIZONTAL. THE DIMENSIONS SHOWN ON ELEVATIONS ARE VERTICAL.
- CONCEALED COMPONENTS:** PROVIDE ACCESS TO SYSTEM COMPONENTS THAT ARE CONCEALED AND REQUIRED PERIODIC ACCESS. COORDINATE THE SIZE AND LOCATION OF ACCESS PANELS AND LABELS WITH THE ARCHITECTURAL DRAWINGS AND WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND/OR REQUIREMENTS.
- INTERFERENCES:** ANY INTERFERENCE ENCOUNTERED AT THE PROJECT SITE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER REPRESENTATIVE AND ARCHITECT/ENGINEER OF RECORD AND SHALL BE RESOLVED PRIOR TO THE INSTALLATION OF ANY NEW WORK.
- INSTALLATION OF NEW WORK:** THE INSTALLATION OF EQUIPMENT AND MATERIALS SHALL ADHERE TO THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. ALL SERVICE AND CODE REQUIRED CLEARANCES SHALL BE MAINTAINED, WHETHER INDICATED ON THE DRAWINGS OR NOT. THE INSTALLATION OF EQUIPMENT, DUCTWORK, PIPING, FIXTURES, ETC. SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER, AND SHALL CONFORM TO THE LATEST TRADE PRACTICES. REFER TO THE ARCHITECTURAL DRAWINGS TO VERIFY THE EXACT LOCATION OF EQUIPMENT, FIXTURES, ETC. COORDINATE THE DUCTWORK AND PIPING INSTALLATION WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION. MAKE THE NECESSARY ACCOMMODATIONS TO MEET THE INTENT OF THE DRAWINGS AND ENSURE A COORDINATED AND COMPLETELY FUNCTIONAL INSTALLATION.
- PLENUM SPACES:** ALL MECHANICAL, PLUMBING AND/OR ELECTRICAL EQUIPMENT, PIPING, INSULATION, WIRING, ETC. INSTALLED IN ACTIVE PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY RATINGS.
- COORDINATED DRAWINGS:** PROVIDE COORDINATED DRAWINGS COVERING THE AREAS OF WORK, INDICATING ALL FLOOR SLAB PENETRATIONS, CONNECTIONS TO FIXTURES, AND TO EQUIPMENT (AND KITCHEN EQUIPMENT). THE COORDINATED DRAWINGS SHALL INCLUDE BUT NOT BE LIMITED TO DUCTWORK, HVAC PIPING, DOMESTIC AND SANITARY PIPING, VENT, STORM AND GAS PIPING, MAJOR ELECTRICAL CONDUITS AND JUNCTION BOXES, AS APPLICABLE. SUBMIT 1/4 SCALE COORDINATED DRAWINGS FOR THE ENGINEER'S REVIEW AND APPROVAL.
- AS-BUILT DRAWINGS:** PROVIDE AS-BUILT RED-LINED DRAWINGS AT THE COMPLETION OF THE PROJECT FOR THE ENGINEER'S REVIEW AND FOR THE RECORD. INDICATE MAJOR CHANGES AND/OR ADJUSTMENTS TO THE EQUIPMENT AND/OR ANCILLARY DEVICE LOCATIONS.
- HAZARDOUS MATERIALS:** WHERE HAZARDOUS MATERIALS SUCH AS ACMs, PCBs, OR LEAD ARE ENCOUNTERED, THE CONTRACTOR SHALL CEASE DEMOLITION WORK AND NOTIFY THE OWNER, ARCHITECT AND ENGINEER AT ONCE.
- PENETRATIONS:** ALL CONDUITS PENETRATING CEILINGS AND WALLS SHALL BE INSTALLED WITH SLEEVES AT THE PENETRATION. ALL CONDUITS PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE PROVIDED WITH SLEEVES, INSULATION, CURBS AND REMOVABLE CAPS AND SHALL BE MADE WATER-TIGHT AS INDICATED ON THE INSTALLATION DETAILS. CONDUITS PENETRATING FIRE RATED PARTITIONS/ASSEMBLIES SHALL BE PROVIDED WITH SLEEVES, FIRE RATED SEALS, OR COMPOUNDS AT THE GAPS BETWEEN CONDUIT AND ASSEMBLY (RATED WALLS AND FLOORS), AS REQUIRED BY THE LOCAL CODE AUTHORITY. SLEEVES THROUGH SLABS SHALL EXTEND 1" ABOVE FINISHED SURFACE.
- LIGHT FIXTURES:** LIGHT FIXTURES AND EXIT LIGHTS SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE INDEPENDENTLY FROM THE CEILING GRID.
- LIGHT SWITCHES:** VERIFY THE DIRECTION OF ALL DOOR SWINGS BEFORE INSTALLING THE LIGHT SWITCHES. INSTALL LIGHT SWITCHES AT THE LATCH SIDE OF DOORS.
- TESTING:** ALL ELECTRICAL WORK SHALL BE TESTED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, USING NETA STANDARD METHODS AND EQUIPMENT.
- O & Ms:** PROVIDE OPERATING AND MAINTENANCE (O & M) MANUALS IN ACCORDANCE WITH DIVISION 1 SPECIFICATIONS.
- WHERE EQUIPMENT, LIGHTING FIXTURES AND WIRING DEVICES ARE SHOWN WITH CIRCUIT NUMBERS ONLY, THE MINIMUM BRANCH CIRCUITING REQUIREMENTS SHALL BE AS FOLLOWS:**
 - LIGHTING FIXTURES - #12, 1#12 GND IN 1/2" C.
 - RECEPTACLES - #12, 1#12 GND IN 1/2" C"
- BRANCH CIRCUIT WIRE SIZE:** THE MINIMUM WIRE SIZE FOR BRANCH CIRCUIT SHALL BE #12 AWG EXCEPT 120 VOLT CIRCUITS OVER 80 FEET IN LENGTH AND 277 VOLT CIRCUITS OVER 150 FEET SHALL BE 10# AWG. REFER TO DRAWINGS FOR FURTHER WIRE SIZING INFORMATION.
- ANY DISCREPANCY FOUND ON THE DRAWINGS OR SPECIFICATIONS, THE WORSE CASE SHALL PREVAIL.**
- CONTROLS:** THE CONTRACTOR SHALL ENGAGE THE BUILDING CONTROLS EQUIPMENT PROVIDER AND COORDINATE ANY CONTROLS DEVICES AND PROGRAMMING WITH THE CONTROLS PROVIDER.
- NOTE:** NOT ALL SYMBOLS INDICATED ON THIS DRAWING MAY BE USED ON THIS PROJECT.

POWER SYMBOLS

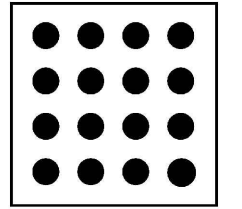
SYMBOL DESCRIPTION

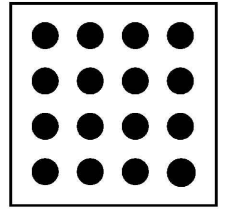
- SINGLE RECEPTACLE NEMA 5-20R MOUNTED 18" AFF, UON. DOT DENOTES NON-STANDARD HEIGHT, REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONS INFORMATION. MOUNTED HEIGHT DENOTED AS +XX".
- DUPLEX RECEPTACLE NEMA 5-20R MOUNTED 18" AFF, UON. DOT DENOTES NON-STANDARD HEIGHT, REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONS INFORMATION. MOUNTED HEIGHT DENOTED AS +XX". "WP" DENOTES WEATHER PROTECTION
- GFI RECEPTACLE, NEMA 5-20R. MOUNTED HEIGHT DENOTED AS +XX". "WP" DENOTES WEATHER PROTECTION
- SPLIT CIRCUIT CONTROLLED RECEPTACLE, NEMA 5-20R MOUNTED 18" AFF, UON. MOUNTED HEIGHT DENOTED AS +XX".
- SPECIAL RECEPTACLE MOUNTED 18" AFF, UON. NUMBER DENOTES TYPE, REFER TO SPECIAL RECEPTACLE SCHEDULE ON SCHEDULE SHEETS FOR ADDITIONAL INFORMATION. MOUNTED HEIGHT DENOTED AS +XX".
- JUNCTION BOX ABOVE CEILING/WALL MOUNTED 18" AFF, UON. MOUNTED HEIGHT DENOTED AS +XX". "GD" DENOTES GARBAGE DISPOSAL.
- NON-FUSIBLE DISCONNECT SWITCH, REFER TO MECHANICAL/PLUMBING OR PANELBOARD SCHEDULE FOR ADDITIONAL INFORMATION. "AS" DENOTES AMPERE SWITCH SIZE
- FUSIBLE DISCONNECT SWITCH, REFER TO MECHANICAL/PLUMBING OR PANELBOARD SCHEDULE FOR ADDITIONAL INFORMATION. "AS" DENOTES AMPERE SWITCH SIZE "AF" DENOTES AMPERE FUSE SIZE
- COMBINATION VFD DISCONNECT SWITCH, REFER TO MECHANICAL/PLUMBING OR PANELBOARD SCHEDULE FOR ADDITIONAL INFORMATION.
- MOTOR STARTER DISCONNECT. NUMBER DENOTES NEMA SIZE.
- MOTOR STARTER. NUMBER DENOTES NEMA SIZE.
- BRANCH CIRCUIT HOMERUN TO PANELBOARD CONCEALED IN CEILING OR WALLS.
- SURFACE AND RECESSED PANELBOARD 208/120V
- SURFACE AND RECESSED PANELBOARD 480/277V
- TRANSFORMER, REFER TO TRANSFORMER SCHEDULE FOR ADDITIONAL INFORMATION
 'T1' DENOTES 15kVA XFMR 'T5' DENOTES 112.5kVA XFMR
 'T2' DENOTES 30kVA XFMR 'T6' DENOTES 150kVA XFMR
 'T3' DENOTES 45kVA XFMR 'T7' DENOTES 225kVA XFMR
 'T4' DENOTES 75kVA XFMR 'T8' DENOTES 300kVA XFMR
- AV WALL BLOCKING SYSTEM, REFER TO DRAWING E-601 FOR DETAILS
- SWITCH 'M' DENOTES MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD. 'GD' DENOTES GARBAGE DISPOSAL SWITCH
- POKE THROUGH DEVICE FLUSHED MOUNTED, PROVIDE TWO DUPLEX RECEPTACLES AND 3/4" CONDUIT FOR POWER, FOR TELECOM 1" CONDUIT STUB UP 6" ABOVE THE HUNG CEILING WITH 90 DEGREE CONDUIT ELBOW & INSULATED BUSHING. PROVIDE LEGRAND AT6 WITH BLACK COVER PLATE FOR USE IN FLOOR 6CT2BKTR
- MECHANICAL/PLUMBING EQUIPMENT. UPPER CASE LETTER DENOTES EQUIPMENT TAG. NUMBER DENOTE EQUIPMENT NUMBER, SEE MECHANICAL/PLUMBING SCHEDULE FOR WIRE, CIRCUIT INFORMATION, DISCONNECT SWITCHES AND CONTROLLER RATING. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF EQUIPMENT.
- PANEL DESIGNATIONS:**
- WING DESIGNATION
 FLOOR LEVEL
 VOLTAGE: H - 480/277V/3
 PHASE L - 208/120V/3 PHASE
 PANEL TYPE AND USE: D - DISTRIBUTION P - RECEPTACLE L - LIGHTING M - MECHANICAL

LIGHTING SYMBOLS

REFER TO LIGHT FIXTURE SCHEDULE, DRAWING E-601, FOR LIGHT FIXTURE SYMBOLS

- CEILING MOUNTED DUAL TECHNOLOGY (ULTRASONIC AND PIR) OCCUPANCY SENSOR
- CEILING MOUNTED DAYLIGHT HARVESTING DEVICE
- SINGLE POLE SWITCH 20A, 277/120V, 2 POLE. MOUNTING HEIGHT 4'-0" AFF
 3 - DENOTES THREE WAY SWITCH
 4 - DENOTES FOUR WAY SWITCH
 D - DENOTES DIMMING SWITCH
 K - DENOTES KEY-TYPE
 P - DENOTES PILOT LIGHT
 T - DENOTES TIMER WITH PILOT OUT LIGHT
 OS - DENOTES OCCUPANCY SENSOR (ULTRASONIC AND PIR)
 VS - DENOTES VACANCY SENSOR (ULTRASONIC AND PIR)
 LV - DENOTES LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH
 a - LOWER CASE LETTER DENOTES SWITCH LEG
- 2' X 2' LIGHTING FIXTURE
TYPICAL FOR ALL LIGHTING FIXTURES:
- UPPERCASE LETTER DENOTES FIXTURE TYPE
 - LOWERCASE LETTER DENOTES SWITCH CONTROL
 - "•" SHADED CENTER INDICATES EMERGENCY FIXTURE WITH MANUAL PUSH TO TEST SWITCH AND LED INDICATOR LIGHT
 - "NL" INDICATES 24 HOURS NIGHT LIGHT, UN-SWITCHED
- FLUORESCENT 2' X 2' LIGHTING FIXTURE
- FLUORESCENT 2' X 2' LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER
- FLUORESCENT 2' X 4' LIGHTING FIXTURE
- FLUORESCENT 2' X 4' LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER
- FLUORESCENT 1' X 4' LIGHTING FIXTURE
- FLUORESCENT 1' X 4' LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER
- INCANDESCENT, ADJUSTABLE ACCENT OR H.I.D. CEILING FIXTURE
- INCANDESCENT, ADJUSTABLE ACCENT OR H.I.D. CEILING FIXTURE CONNECTED TO EMERGENCY POWER
- INCANDESCENT OR H.I.D. WALL MOUNTED FIXTURE
- INCANDESCENT OR H.I.D. WALL MOUNTED FIXTURE CONNECTED TO EMERGENCY POWER
- STRIP LIGHT FIXTURE
- STRIP LIGHT FIXTURE CONNECTED TO EMERGENCY POWER
- LED 2' X 2' LIGHTING FIXTURE
- LED 2' X 2' LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER
- LED 2' X 4' LIGHTING FIXTURE
- LED 2' X 4' LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER
- LED 1' X 4' LIGHTING FIXTURE
- LED 1' X 4' LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER
- WALL MOUNTED LED 1' X 4' LIGHTING FIXTURE
- LED DOWNLIGHT
- LED DOWNLIGHT CONNECTED TO EMERGENCY POWER
- WALL MOUNTED LED LIGHTING FIXTURE
- WALL MOUNTED LED LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER
- EXIT LIGHT CONNECTED TO EMERGENCY POWER. SHADING DENOTES SIDE OF ILLUMINATION. ARROW DENOTES DIRECTION.
- RECESSED WALL WASHER
- TRACK LIGHT
- PENDANT HEMISPHERE LIGHTING FIXTURE





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PROFESSIONAL CERTIFICATION
I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR
APPROVED BY ME AND THAT I AM A FULLY LICENSED ARCHITECT
UNDER THE LAWS OF THE STATE OF VIRGINIA.
LICENSE NUMBER: 9253 EXPIRATION DATE:

PROJECT # 21075

DATE	ISSUE	#
11/04/22	DESIGN DEVELOPMENT	
03/04/23	PERMIT SUBMISSION	
05/02/23	BID SET	

DRAWN: JSR CHECKED: DAK

SCALE: AS INDICATED

SHEET TITLE:
**ABBREVIATIONS,
SYMBOLS & LEGEND**

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SHEET #

E-002

ABBREVIATIONS

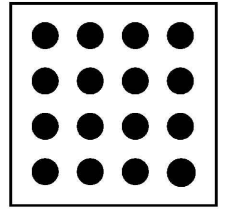
A	AMPERE
ACMs	ASBESTOS CONTAINING MATERIALS
ACT	ABOVE COUNTERTOP
ADA	AMERICANS WITH DISABILITIES ACT
AF	AMP FUSE SIZE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
APPROX	APPROXIMATELY
AS	AMP SWITCH SIZE
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BLDG	BUILDING BMS BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CCT	CORRELATED COLOR TEMPERATURE
CO	CARBON MONOXIDE
COMM	COMMUNICATION
COTR	CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE
CP	CONTROL PANEL
CRI	COLOR RENDERING INDEX
CT	CURRENT TRANSFORMER CABINET
DEMO	DEMOLITION, DEMOLISH
DIM	DIMMABLE DISC DISCONNECT
DL	DAYLIGHT
DN	DOWN DWG DRAWING
E, EX	EXISTING
EA	EACH
EF	EXHAUST FAN
ELEC	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
ENT	ELECTRICAL NONMETALLIC TUBING
ER	EXISTING TO RELOCATED
ETR	EXISTING TO REMAIN
EXH	EXHAUST
°F	DEGREES FAHRENHEIT
FACP	FIRE ALARM CONTROL PANEL
FL	FLOOR
FLA	FULL LOAD AMPERES
FLUOR	FLUORESCENT
FMC	FLEXIBLE METALLIC CONDUIT
FNC	FLEXIBLE NON-METALLIC CONDUIT
FSS	FUSED SAFETY SWITCH
FT	FEET
G, (G)	GROUND
GFI	GROUND FAULT INTERRUPT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSE POWER Hz HERTZ (CYCLES PER SECOND)
IG	ISOLATED GROUND
in	INCHES
J, JB	JUNCTION BOX
K	KELVIN (DEGREES)
kW	KILOWATT
kWh	KILOWATT-HOUR
kVA	KILO VOLT-AMPERE
LFMC	LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT
LPS	LIGHTNING PROTECTION SYSTEM
LRA	LOCKED ROTOR AMPERES
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MH	MANHOLE/MOUNTING HEIGHT
MIN	MINIMUM
MLO	MAIN LUGS ONLY
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NETA	NATIONAL ELECTRICAL TESTING ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NFSS	NON-FUSED SAFETY SWITCH
NIC	NOT IN CONTRACT
No.	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OCPD	OVERCURRENT PROTECTION DEVICE
OS	OCCUPANCY SENSOR
P	POLE, PUMP
PCB	POLYCHLORINATED BIPHENYL
PH	PHASE
PIR	PASSIVE INFRARED PLUM PLUMBING
PNL	PANEL
POS	POINT OF SALE
PV	PHOTOVOLTAIC (SOLAR PANEL)

ABBREVIATIONS

R	RELOCATED FIXTURE/DEVICE
RCP	REFLECTED CEILING PLAN
REC, RECEPT	RECEPTACLE
RM	ROOM
SD	SMOKE DETECTOR
SF	SQUARE FEET
SFPD	SURGE PROTECTION DEVICE
SS	STAINLESS STEEL
SW	SWITCH
TEL/DATA	TELEPHONE/DATA COMMUNICATION
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
V	VOLTS, VOLTAGE
VS	VACANCY SENSOR
W	WATT, WIRE
W/	WITH
WP	WEATHER PROOF
XFMR	TRANSFORMER

LEGEND

———	EXISTING (LIGHT LINE WEIGHT)
- - - -	REMOVED, DEMOLISHED
———	EXISTING TO REMAIN
———	NEW WORK
①	DEMOLITION DRAWING NOTE
1	NEW WORK DRAWING NOTE
○	LIMIT OF REMOVAL
●	CONNECTION POINT NEW TO EXISTING
{	RACEWAY CONTINUATION



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GENERAL NOTES:

1. ALL EXISTING EQUIPMENT SHOWN LIGHT LINES ARE EXISTING TO REMAIN EQUIPMENT, UNLESS NOTED OTHERWISE.
2. ALL HATCHED AREAS INDICATE AREAS NOT IN SCOPE OF WORK.
3. REFER TO MECHANICAL DRAWINGS FOR ALL MECHANICAL EQUIPMENT INFORMATION AND LOCATIONS.
4. ALL DEVICES SHOWN IN BOLD ARE NEW. CIRCUITS WILL BE PROVIDED IN FUTURE SUBMISSION.
5. REFER TO DRAWING E-601 FOR AV BLOCKING STANDARD DETAIL. REFER ARCHITECTURAL DRAWING A-301 AND A-401 FOR ADDITIONAL INFORMATION.

KEYED NOTES

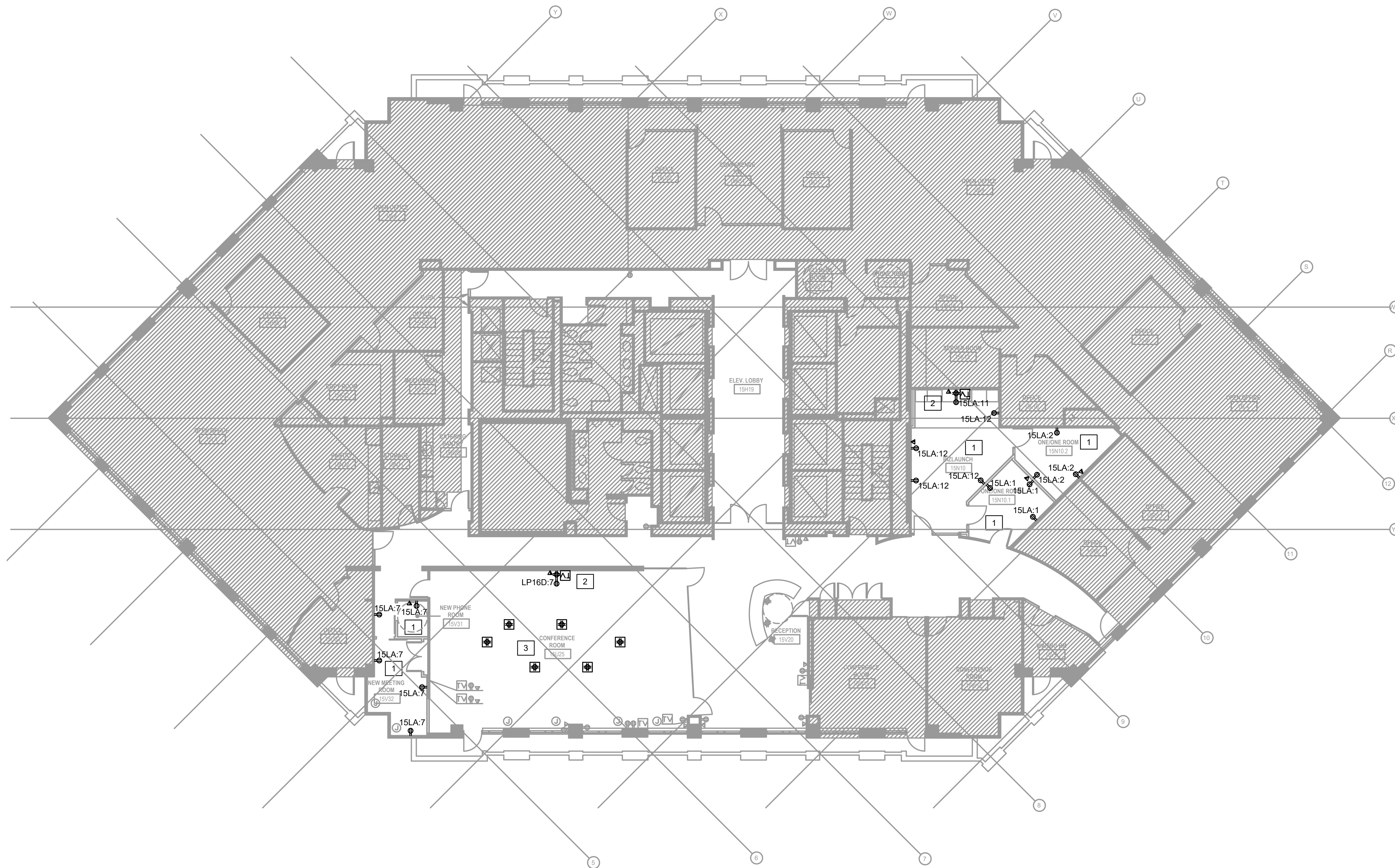
1. EXTEND AND RECONNECT NEW OUTLETS TO CIRCUIT, AS SHOWN THIS AREA/ROOM. CONTRACTOR TO VERIFY AND CONFIRM EXISTING PANEL FOR AVAILABILITY OF SPARE CIRCUIT BREAKER TO BE UTILIZED FOR NEW CIRCUIT AND PROPERLY LABELED. UPDATE PANEL BOARD SCHEDULE ACCORDANTLY.
2. EXTEND AND RECONNECT NEW DUPLEX AND QUAD RECEPTACLE FOR MONITOR TO CIRCUIT PREVIOUSLY SERVING THIS AREA/ROOM. REFER TO DRAWING E-601 FOR AV BLOCKING STANDARD DETAIL. CONTRACTOR TO VERIFY AND CONFIRM EXISTING PANEL FOR AVAILABILITY OF SPARE CIRCUIT BREAKER TO BE UTILIZED FOR NEW CIRCUIT AND PROPERLY LABELED. UPDATE PANEL BOARD SCHEDULE ACCORDANTLY.
3. PROVIDE (6) NEW STAINLESS STEEL COVER PLATE IN LARGE CONFERENCE. COVER PLATE TO A BRUSHED ALUMINUM FINISH AND TO MATCH EXISTING TYPE. CONTRACTOR TO CONFIRM WALKER RC1 #RC4 SERIES POKE-THRU COVER PLATE.



PROFESSIONAL CERTIFICATION
I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A QUALY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF VIRGINIA.
LICENSE NUMBER: _____ EXPIRATION DATE: _____

PROJECT # 21075

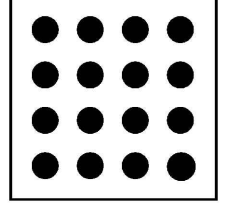
DATE: 11/04/22
ISSUE: 03/04/23
DESIGN DEVELOPMENT
PERMIT SUBMISSION
05/02/23 BID SET



15TH FLOOR POWER PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



DRAWN: JSR
CHECKED: DAK
SCALE: AS INDICATED
SHEET TITLE:
**15TH FLOOR POWER
PLAN - NEW WORK**
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SHEET #



**ARLINGTON
ECONOMIC
DEVELOPMENT**

1100 N. GLEBE RD.
SUITE 1500
ARLINGTON, VA 22203

MEP / FP
AMERESCO, Inc.
12001 Sunrise Valley Dr., Suite 205
Reston, VA 20191
703.214.0515



GENERAL NOTES:

1. ALL EXISTING EQUIPMENT SHOWN LIGHT LINES ARE EXISTING TO REMAIN EQUIPMENT, UNLESS NOTED OTHERWISE.
2. ALL HATCHED AREAS INDICATE AREAS NOT IN SCOPE OF WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. REFER TO MECHANICAL DRAWINGS FOR ALL MECHANICAL EQUIPMENT INFORMATION AND LOCATIONS.
4. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR CEILING GRID AND TILE REMOVAL REQUIREMENTS.
5. REFER TO DRAWING E-601 FOR LIGHTING FIXTURE SCHEDULE.

KEYED NOTES

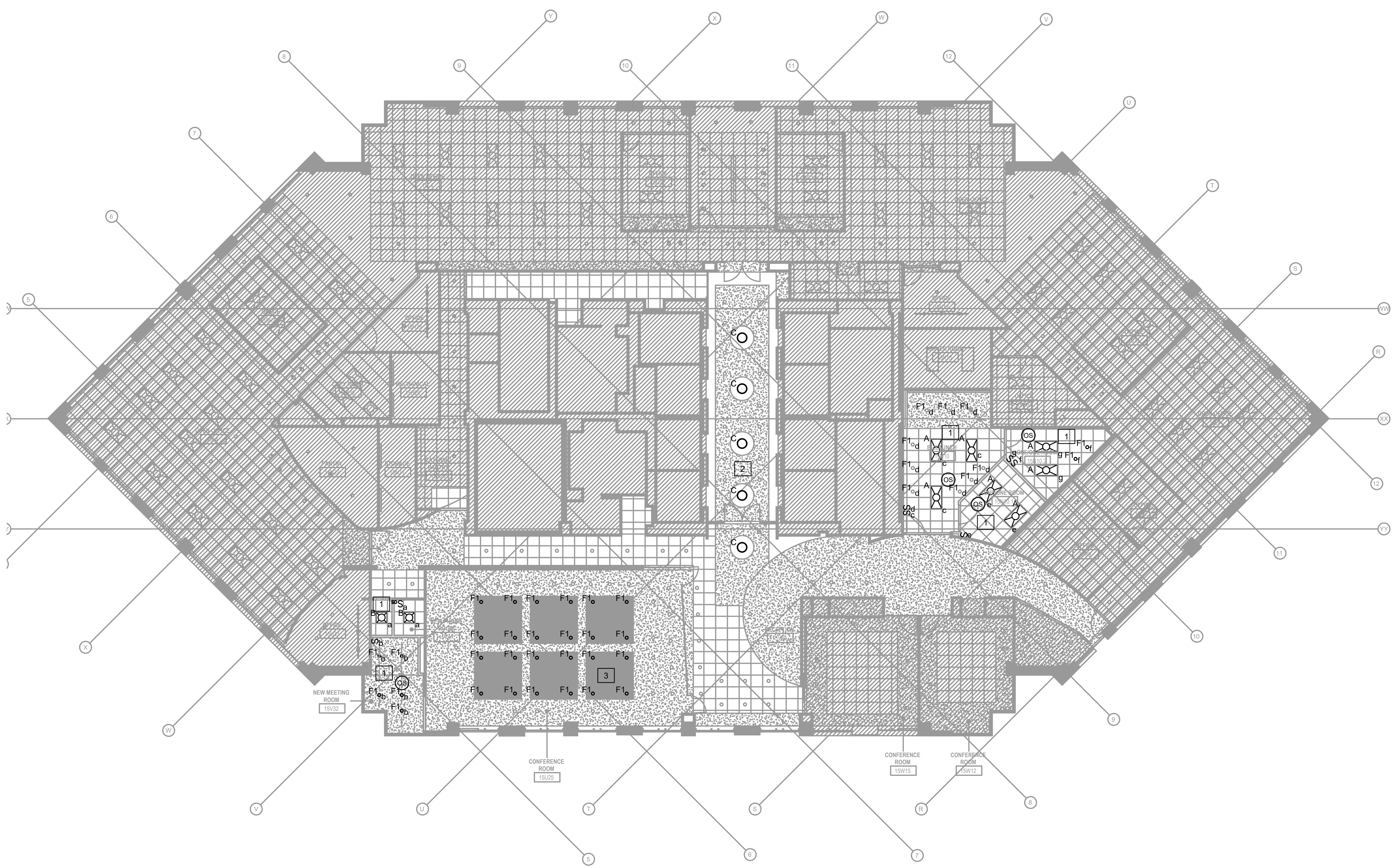
- 1 EXTEND AND RECONNECT NEW LED LIGHTING FIXTURES TO CIRCUIT PREVIOUSLY SERVING THIS AREA/ROOM.
- 2 EXTEND AND RECONNECT NEW TYPE C PENDANT LIGHTING FIXTURES TO CIRCUIT PREVIOUSLY SERVING THIS AREA/ROOM. UTILIZE EXISTING CONTROLS FOR THE LIGHTING FIXTURE.
- 3 EXTEND AND RECONNECT NEW TYPE F1 DOWNLIGHT TO CIRCUIT PREVIOUSLY SERVING THIS AREA/ROOM. UTILIZE EXISTING CONTROLS FOR THE LIGHTING FIXTURE.



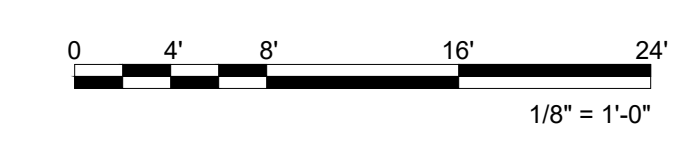
PROFESSIONAL CERTIFICATION
I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF VIRGINIA.
LICENSE NUMBER: 9253 EXPIRATION DATE:

PROJECT # 21075

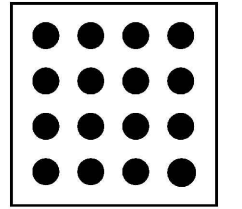
DATE	ISSUE	#
11/04/22	DESIGN DEVELOPMENT	
03/04/23	PERMIT SUBMISSION	
05/02/23	BID SET	



15TH FLOOR LIGHTING PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



DRAWN:	CHECKED:
JSR	DAK
SCALE:	AS INDICATED
SHEET TITLE:	
15TH FLOOR LIGHTING PLAN - NEW WORK	
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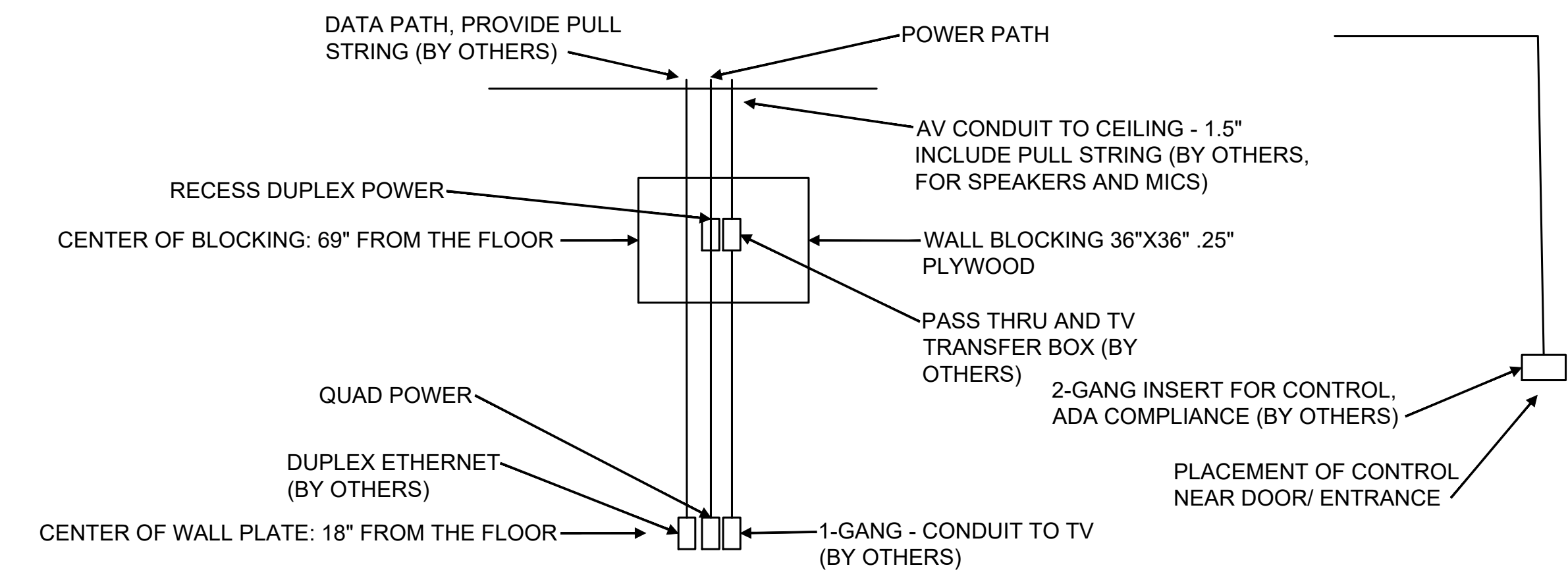
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LICENSE NUMBER: 9253 EXPIRATION DATE:

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DATE: 11/04/22 ISSUE: DESIGN DEVELOPMENT
13/04/23 PERMIT SUBMISSION
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AV BLOCK STANDARD: CONFERENCE ROOM/BIZLAUNCH ROOM WITH DISPLAYS

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	WATTAGE	BASIS OF DESIGN							REMARKS
				LAMP	LUMENS	CCT	MINIMUM CRI	DRIVER	MANUFACTURER	MODEL	
A	2'X4' RECESSED LED FIXTURE	UNV	36.6	LED		3500K	90		SIGNIFY/LEDALITE	42-24-D1-ST-L-935-A-D	
B	2'X2' LAY IN LED FIXTURE	UNV	29.5	LED		3500K	90		LEDALITE	42-22-D1-ST-L-935-35-A	
C	PENDANT LED	120	35	LED		3000k	90		WAC LIGHTING	PD-05820	
F1	DOWNLIGHT LED	UNV	30	LED		3500K	80		SIGNIFY/LIGHTOLIER	6-R-P6R-DL-30-835-CL-U	

NOTES:
1. COORDINATE AND REFERENCE THIS DRAWING ALONG WITH ARCHITECTURAL REFLECTED CEILING PLANS.
3. LIGHT FIXTURE SCHEDULE ARE FOR REFERENCE AND BASIS OF DESIGN ONLY. COORDINATE FINAL LIGHT FIXTURE SCHEDULE WITH ARCHITECT PLANS. IF DISCREPANCIES OCCURS BETWEEN SCHEDULES NOTIFY THE ARCHITECT AND ENGINEER PRIOR TO PRICING OR ORDERING.

DRAWN: JSR CHECKED: DAK

SCALE: AS INDICATED

SHEET TITLE:
**LIGHTING FIXTURE
SCHEDULE & DETAILS**

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