FEDERAL OFFICE BUILDING

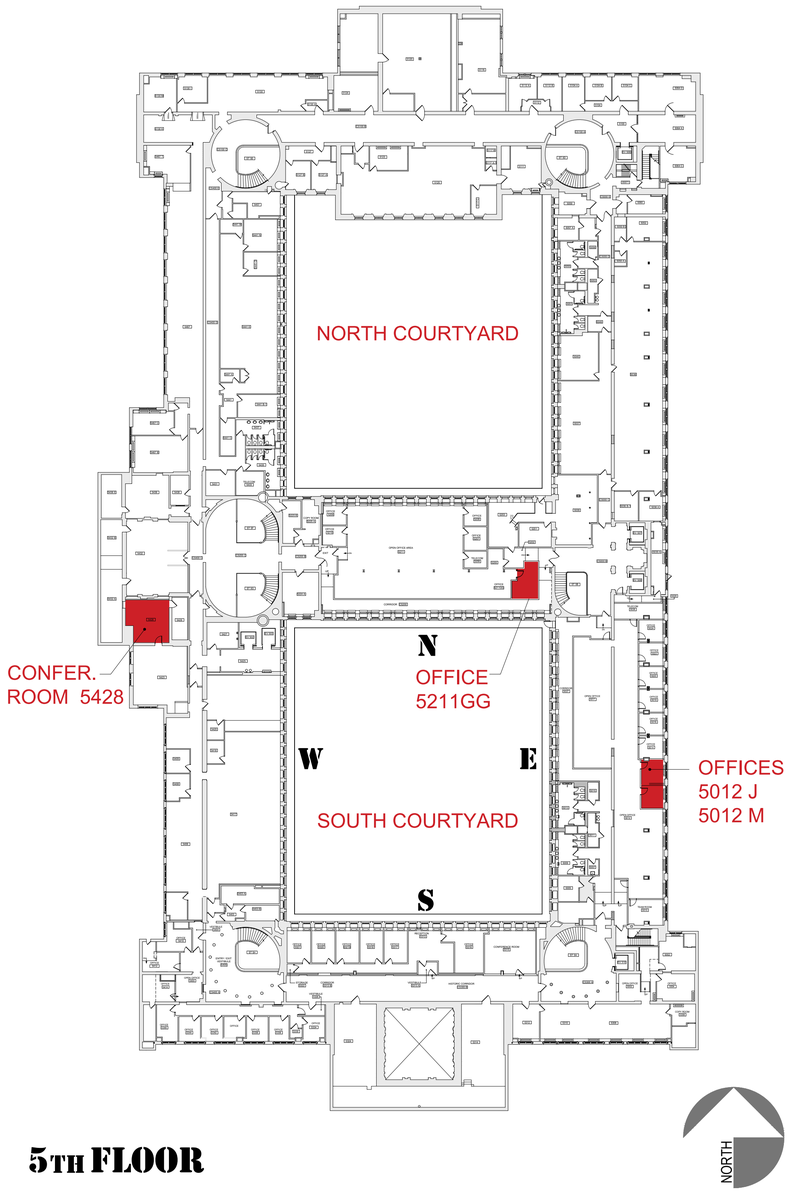
5TH FLOOR SOUTH COURTYARD OFFICES ALTERATIONS

WEST CONFERENCE ROOM 5428 I NORTH OFFICE 5211 GG I EAST OFFICES 5012 J & 5012 M

100% SUBMISSION

03-30-2026

KEY PLAN



5TH FLOOR

PROJECT INFORMATION

PROJECT ADDRESS:

OCCUPANCY CLASSIFICATION: B,

BUILDING SPRINKLERS: AUTOMATIC SPRINKLER SYSTEM

HISTORIC OVERVIEW: THE BUILDING IS IN THE NATIONAL REGISTER OF HISTORIC PLACES

WORK DESCRIPTION

CONFERENCE ROOM 5428

ALL WORK NECESSARY TO CONVERT EXISTING OPEN OFFICE SPACE INTO A SECURE CONFERENCE ROOM WITH VIDEO / TELE-CONFERENCING CAPABILITIES. THUS, THE NEW ROOM MUST MEET ALL STC-50, SOUND LEVEL 4 REQUIREMENTS. THE WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, THE FOLLOWING:

A. REMOVAL OF EXISTING SYSTEMS FURNITURE AND INSTALLATION OF NEW FURNITURE BOTH BY TREASURY

B. CONSTRUCTION OF A SECTIONS OF STC-50 SOUND GROUP 4 WALL ABOVE THE STC-50 DOOR AND UNDER THE THRESHOLD

C. INSTALLATION OF NEW STC-50 DOOR SOUND GROUP 4 AND HARDWARE AS INDICATED IN THE CONSTRUCTION DOCUMENTS

D. ADJUSTMENT OF THE MECHANICAL, ELECTRICAL AND FIRE PROTECTION SYSTEMS AS NEEDED TO SERVICE THE NEW SET UP

E. RELOCATION OF FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL BOXES TO SERVICE THE CONFERENCE TABLE

F. RF SHIELDING TO BE ADDED TO THE PERIMETER WALLS

NORTH OFFICE 5211 GG

ALL WORK NECESSARY TO CONVERT EXISTING OPEN OFFICE SPACE INTO A SECURE OFFICE. THUS, THE DESIGN MUST MEET THE REQUIREMENTS STIPULATED IN THE IDC/IDS 705 MANUAL FOR SECURE SPACES. THE WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, THE FOLLOWING:

A. REMOVAL OF EXISTING SYSTEMS FURNITURE AND INSTALLATION OF NEW FURNITURE, BOTH BY TREASURY

B. CONSTRUCTION OF A NEW STC-50 SOUND GROUP 4 WALL EXTENDING FROM TRUE FLOOR TO TRUE CEILING

C. INSTALLATION OF NEW STC-50 DOOR SOUND GROUP 4 AND HARDWARE AS INDICATED IN THE CONSTRUCTION DOCUMENTS

D. ADJUSTMENT OF THE MECHANICAL, ELECTRICAL AND FIRE PROTECTION SYSTEMS AS NEEDED TO SERVICE THE NEW OFFICE

E. RELOCATION OF FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL BOXES TO SERVICE THE NEW OFFICE

EAST OFFICES 5012 J AND 5012 M

THE PROJECT INCLUDES ALL WORK NECESSARY TO ENCLOSE A PORTION OF THE OPEN OFFICE 5012 IN THE EAST WING TO CREATE TWO PRIVATE, SECURE OFFICES. THUS, THE DESIGN MUST MEET THE REQUIREMENTS STIPULATED IN THE IDC/IDS 705 MANUAL FOR SECURE SPACES. THE WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, THE FOLLOWING:

A. REMOVAL OF EXISTING SYSTEMS FURNITURE AND INSTALLATION OF NEW FURNITURE, BOTH BY TREASURY

B. CONSTRUCTION OF A NEW STC-50 SOUND GROUP 4 WALL EXTENDING FROM TRUE FLOOR TO TRUE CEILING

C. INSTALLATION OF NEW STC-50 DOOR SOUND GROUP 4 AND HARDWARE AS INDICATED IN THE CONSTRUCTION DOCUMENTS

D. ADJUSTMENT OF THE MECHANICAL, ELECTRICAL AND FIRE PROTECTION SYSTEMS AS NEEDED TO SERVICE THE NEW OFFICES

E. RELOCATION OF FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL BOXES TO SERVICE THE NEW OFFICES

F. RF SHIELDING TO BE ADDED TO THE PERIMETER WALLS

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CITADEL DCA
ARCHITECTURE I HISTORIC PRESERVATION I PLANNING I DESIGN

CERTIFICATIONS

REVISION NOTES

DATE	MARK	DESCRIPTION

CONTRACTORS

A/E CON. NO.	
A/E TASK NO.	
CONS.CONTR.	
CONS. WORK	
PRIME A/E	MERIDIEN GROUP / CITADEL DCA
SUB A/E	

BUILDING

NAME	
STREET	
CITY/ST/ZIP	WASHINGTON, DC
BUILDING NO.	DC-
OTHER BUILDING NOs.	
FACILITY CODE	

PROJECT

PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
PROJECT DESCRIPTION	5TH FLOOR OFFICE ALTERATIONS
PROJECT NO.	0025-25
GSA PM	BARBARA CHOATE
SUBMISSION	100% SUBMISSION
SUB. DATE	30 MARCH 2026

DRAWING

DRAWING TITLE	COVER SHEET
FILE NAME	
FLOOR NO.	5TH FLOOR
DRAWN BY	AGF DATE DRAFTED: 06/10/2025
CHECKED BY	LSP SHEET SIZE: 24 x 36
DRAWING NO.	G- 001

DISCIPLINE	SHEET TYPE	SEQUENCE
SHEET	1 OF	43

GENERAL CONSTRUCTION / WORK NOTES

1. OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OF THE DESCRIPTION OF DETAILS OF WORK WHICH ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS OR ARE CUSTOMARILY PERFORMED SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR MIS-DESCRIBED DETAILS OF WORK BUT SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FROM AND DESCRIBED IN THE DRAWINGS AND S SPECIFICATION
2. MANUFACTURER SPECIFIED WITHIN THE CONSTRUCTION DOCUMENTS ARE PROVIDED AS A MINIMUM PERFORMANCE CRITERIA, SUBSTITUTIONS WILL BE CONSIDERED IF COMPLAINT TO THE PERFORMANCE ESTABLISHED BY THE MANUFACTURER NOTED. BUILDING MATERIALS SUBSTANDARD TO THESE REQUIREMENTS WILL BE SUMMARILY REJECTED. ALL BUILDING COMPONENTS ARE TO BE HEAVY DUTY QUALITY AND BE FOR ABUSIVE RESISTANCE INSTALLATION. BUILDING COMPONENTS SPECIFIED HEREIN THAT DO NOT MEET THE HEAVY DUTY-ABUSIVE ENVIRONMENTAL CRITERIA MUST BE BROUGHT TO THE ATTENTION OF THE BUILDING REPRESENTATIVE AND WILL BE RE-SPECIFIED
3. BY THE SUBMISSION OF A BID, THE SUB CONTRACTOR REPRESENTS THAT HE HAS VISITED THE SITE AND HAS FAMILIARIZED HIMSELF/HERSELF WITH THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED
4. DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS AND/OR SIZE. VERIFY ALL DIMENSIONS BEFORE PROCEEDING AND OBTAIN MEASUREMENTS AT THE JOB FOR ALL WORK REQUIRED TO BE ACCURATELY FITTED TO THE BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL SUCH MEASUREMENTS AND FOR THE PRECISE FITTING OF THE WORK
5. IF CONFLICTS ARE DISCOVERED AT ANY TIME BETWEEN THE ENGINEERING AND ARCHITECTURAL DRAWINGS, THE COR SHALL BE CONTACTED AT ONCE TO RESOLVE THE PROBLEM. IF THE COR IS NOT CONTACTED, THE CONTRACTOR SHALL ACCEPT THE RESPONSIBILITY TO CORRECT ANY AND ALL SUCH WORK NOT IN A COORDINATE WITH THE ARCHITECTURAL DRAWINGS
6. CHANGES TO THE DRAWINGS (ADDITIONS, DELETIONS OR ALTERATIONS) THAT MIGHT CONSTITUTE A CHANGE ORDER MUST BE SUBMITTED IN WRITING TO THE COR FOR APPROVAL, OTHERWISE CONTRACTOR WOULD UNDERTAKE SUCH WORK AT HIS OWN RISK AND WORK MIGHT HAVE TO BE REVERSED AT CONTRACTOR'S OWN COST
7. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
8. THE G. C. & ALL SUB-CONTRACTOR SHALL SUBMIT TO COR SUBMITTALS AND SHOP DRAWINGS FOR REVIEW PRIOR TO START OF CONSTRUCTION.
9. UPON COMPLETION OF THE INSTALLATION, REMOVE ALL DEBRIS FROM THE BUILDING CREATED BY THE WORK PROVIDED UNDER THIS CONTRACT AND LEAVE ALL AREAS CLEAN. REMOVE ANY SOILED SPOTS FROM THE FACE OF THE CARPET OR OTHER FINISH SURFACES USING PROCESSES RECOMMENDED BY THE MANUFACTURER AND IN A MANNER ACCEPTABLE TO THE GOVERNMENT. REPLACE ANY AREAS OF CARPET OR FINISH SURFACES WHERE CLEANING HAS FAIL TO RESTORE THE APPEARANCE AND QUALITY SATISFACTORILY, AS DETERMINED BY THE GOVERNMENT.
10. WHERE THE G. C. IS INSTRUCTED TO ALIGN A PARTITION WITH TWO OR MORE COLUMNS AND THE COLUMNS ARE DISCOVE- RED TO BE OF UNEQUAL SIZE, THE LARGER OF THE COLUMNS SHALL DETERMINE THE LOCATION OF THE PARTITION. THIS WILL ALSO APPLY TO COLUMNS AND CORE WALLS.
11. AREA OF WORK MUST BE ISOLATED FROM THE REST OF THE FLOOR. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK
12. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGE CAUSED BY THE GC OR HIS SUB-CONTRACTORS DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR. PRE-EXISTING DAMAGE MUST BE REVIEWED AND ACKNOWLEDGED, IN WRITING BY THE GOVERNMENT AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. DAMAGE NOT DOCUMENTED PRIOR TO CONSTRUCTION START SHALL BE REPAIRED TO LIKE NEW CONDITION WITHOUT ADDITIONAL CHARGE TO THE GOVERNMENT.
13. WHEN IN PLACE, REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
14. THE CONTRACTOR SHALL CLEAN UP ALL ACTIVE WORK AREAS AFTER EACH DAY'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND PROPER DISPOSAL OF ALL WORK RELATED TRASH AND DEBRIS.
15. THE G. C. SHALL ENSURE THAT ALL PAINT HAS BEEN REMOVED FROM ALL NON-SCHEDULE PAINTED SURFACES PRIOR TO DELIVERY OF THE SPACE.
16. THE G. C. SHALL COORDINATE ALL WORK WITH FIELD CONDITIONS AND ALL OTHER TRADES INVOLVED AS REQUIRED
17. IF THERE IS A QUESTION AS TO THE ACCEPTABLE LEVEL OF QUALITY FOR THE INSTALLATION OF ANY MATERIALS, THE COR DECISION WILL BE FINAL
18. NEW DOOR HARDWARE, INCLUDING HINGES AND LOCK SETS, ARE TO BE MOUNTED AT ABA HEIGHTS U. N. O.
19. ALL CEILING REGISTERS, GRILLES, VENTS AND DIFFUSERS SHALL BE FACTORY FINISHED. IF PAINTING IS REQUIRED, PROVIDE ENAMEL FINISH
20. ALL J-BENDS AND OTHER GYPSUM METAL TRIM SHALL BE SPACKLE-BLENDED INTO THE ADJACENT SURFACE.
21. WHERE TWO OR MORE WALL SWITCHES OR DIMMERS OCCUR IN THE SAME LOCATION, THEY ARE TO RECEIVE A COMMON GANG PLATE WHOSE FINISH IS TO MATCH THE BUILDING STANDARD SWITCH PLATE.
22. ALL PAINTED WALLS SHALL BE HAVE A LEVEL 4 FINISH: WITH ONE ROLLER-APPLIED (1) PRIMER COAT AND (2) ROLLER- APPLIED FINISH COATS.
23. PROVIDE THRESHOLDS AT ALL DOORS & TRANSITION STRIPS WHERE CARPET MEETS A DIFFERENT TYPE OF FLOORING UNLESS NOTED OTHERWISE
24. REVIEW THE SCHEDULES, SPECIFICATIONS AND CUT SHEETS FOR ACCESSORIES, FIXTURES, ETC. THAT ACCOMPANY THE DRAWING SET PRIOR TO PLACING ORDERS. IF CONFLICTS ARE FOUND, INFORM THE COR OF SUCH FINDINGS AND TAKE NO ACTION UNTIL RESOLVED. IN THOSE CASES, IF AN ORDER FOR AN UNRESOLVED ITEM IS PLACED WITHOUT APPROVAL OF COR, THE CONTRACTOR ASSUMES ALL RESPONSIBILITY IF THE ITEM IS NOT ACCEPTED BY THE GOVERNMENT
25. ALL WORK MUST BE COMPLETED CONFORMING TO CODES AND REGULATIONS WHICH INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING (LATEST EDITIONS AS PER 9/2025) : International Building Code (IBC), International Existing Building Code (IEBC), DT-DRM REV. 2.1, Architectural Barriers Act (ABA) Accessibility Standards, NFPA 1: Fire Code, NFPA 10: Standard for Portable Fire Extinguishers, NFPA 13: Standard for the Installation of Sprinkler Systems,NFPA 70 (NEC): National Electrical Code, NFPA 72: National Fire Alarm and Signaling Code, NFPA 80: Standard for Fire Doors and Other Opening Protectives, NFPA 90A: Standard for the Installation of Air-Conditioning and Ventilating SystemsNFPA 101: Life Safety Code, NFPA 241: Standard for Safeguarding Construction, Alteration, and Demolition Operations. WHERE A CONFLICT OCCURS IN OR BETWEEN THE AFOREMENTIONED CODES AND REGULATIONS, THE STRICTER SHALL APPLY UNLESS OTHERWISE INDICATED OR AGREED UPON.
26. THE INVESTIGATION FOR AND REMEDIATION OF ANY HAZARDOUS MATERIALS WITHIN THE PROJECT AREA ARE NOT A PART OF THESE CONSTRUCTION DOCUMENTS. ANY SUCH MATERIAL THAT IS ENCOUNTERED AND IMPACTS THE PROGRESS OF THE WORK INDICATED BY THESE DRAWINGS AND SPECIFICATIONS MUST BE DEALT WITH BY THE CONTRACTOR WITH THE OWNER UNDER SEPARATE CONTRACT. THIS REQUIREMENT SHALL IN NO WAY BE CONSTRUED AS REPRESENTATION BY THE ARCHITECT AS TO HOW TO IDENTIFY AND REMEDIATE SAID MATERIAL.
27. CONTACT DFM TO PERFORM INSPECTIONS PRIOR TO WALL AND CEILING CLOSE-INS, AS WELL AS FINAL OCCUPANCY INSPECTION.
28. PROVIDE DEMOLITION TO THE MINIMUM EXTENT REQUIRED FOR THE INSTALLATION OF FIRE ALARM, SECURITY SYSTEMS AND TELECOMMUNICATIONS WORK. COORDINATE WITH EACH TRADES AND CONSULTANTS AND VERIFY THE EXTENT OF THE WORK REQUIRED. EXISTING FINISHES AND EQUIPMENT IN THE WORK AREAS ARE TO REMAIN AND SHOULD BE DISTURBED ONLY TO THE MINIMUM EXTENT TO PERFORM THE WORK.
29. COORDINATE ALL WORK REQUIRED ON FLOORS AND IN THE CEILINGS ABOVE AND BELOW THE PROJECT AREA W/ THE COR AND W/ THE USERS IN THE AFFECTED AREAS. REMOVE EXISTING CONSTRUCTION TO THE MINIMUM EXTENT REQUIRED FOR THE PERFORMANCE OF THE WORK AND REPLACE WITH LIKE-KIND AT THE CONCLUSION OF THE WORK. VERIFY THE TYPES AND AMOUNT OF EXISTING CONSTRUCTION TO BE AFFECTED. PROTECT ALL USER FURNITURE, FIXTURES AND EQUIPMENT WHILE PERFORMING THE WORK AND REPLACE ANY DAMAGED ARTICLES IN-KIND. CLEAN ALL AFFECTED USER AREAS AFTER THE COMPLETION OF THE WORK AND RETURN ALL FF&E ITEMS TO THEIR ORIGINAL LOCATIONS.
30. POWDER-ACTIVATED TOOLS REQUIRE WRITTEN APPROVAL BY THE PROJECT OFFICER AND PRESENTED UPON REQUEST WHEN IN USE. USE OF THESE TOOLS ALSO REQUIRES PROOF OF LICENSING AND TRAINING WHICH MUST ALSO BE PROVIDED UPON REQUEST. CONTRACTOR SHALL PROVIDE A LOG OF "WHO, WHAT, WHERE AND WHEN" FOR ANY POWER OR POWDER ACTIVATED TOOLS THAT WILL BE USED. EXAMPLES OF SUCH TOOLS INCLUDE: AIR OR ELECTRICALLY POWERED TOOLS SUCH AS NAIL-GUNS, RAM TOOLS, OR ANY OTHER TOOL THAT CAN PROPEL A PROJECTILE AND MIGHT BE WEAPONIZED. THE LOG SHALL BE CONTINUALLY UPDATED DURING CONSTRUCTION, MADE AVAILABLE UPON REQUEST, AND PROVIDED TO THE PROJECT OFFICER AT WORK COMPLETION. (NOTE: GAS TOOLS ARE NOT ALLOWED AT TREASURY)
31. ALL MATERIALS MUST BE U.S.A. MADE
32. EMPTY DUCTS, CONDUITS, PIPES ,OR SLEEVES MUST BE FILLED WITH FIRE STOP FOAM, OR SEALANT, THEN CLOSED OFF.

HISTORIC PRESERVATION

1. ANY PROJECT AFFECTING HISTORIC PROPERTIES MUST FOLLOW SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES
2. ALL DESIGNS MUST FOLLOW APPLICABLE NIH TECHNICAL GUIDELINES AND REQUIREMENTS FOR HISTORICAL BUILDINGS
3. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION. DO NOT REMOVE HISTORIC FABRIC UNLESS NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.

ABBREVIATIONS

A	ABA	ARCHITECT. BARRIERS ACT
	AC	ACOUSTICAL TILE
	ACT	ACOUSTIC CEILING TILE
	AD	AREA DRAIN
	ADA	AMER. W/ DISABILITIES ACT
	ADJ	ADJUSTABLE
	AFF	ABOVE FINISH FLOOR
	ALT	ALTERNATE
	ALUM	ALUMINUM
	A&G	ALUMINUM AND GLASS
	ANCH	ANCHOR
	APPROX	APPROXIMATE
	AOR	ARCHITECT OF RECORD
	ARCH	ARCHITECTURAL
	ATT	ATTENUATION
	AU	ASH URN
	A/V	AUDIO VISUAL
B	B & B	BALLED AND BAGGED
	BD	BOARD
	BET	BETWEEN
	BF	BARRIER FREE
	BIT	BITUMINOUS
	BLDG	BUILDING
	BLKG	BLOCKING
	BM	BEAM
	BMK	BENCHMARK
	BNG	BEARING
	BOD	BOTTOM OF DECK
	BTM	BOTTOM
	BR	BACKER ROD
	BRG	BRIDGING
	BUR	BUILT UP ROOFING
	BW	BOTH WAYS
C	C	COURSE
	CAB	CABINET
	CEM	CEMENT OR CEMENTITIOUS
	CER	CERAMIC
	CG	CORNER GUARD
	CIP	CAST IN PLACE
	CJ	CONTROL JOINT
	CL	CENTER LINE
	CLG	CEILING
	CLM	COLUMN
	cm	CENTIMETER
	CMU	CNCRETE MASONRY UNIT
	COMP	COMPRESSION
	CONC	CONCRETE
	CONT	CONTINUOUS
	CORR	CORRIDOR
	CPT	CARPET
	CSK	COUNTERSINK
	CT	CERAMIC TILE
	CTTA	CERTIFIED TEMPEST TECHNICAL AUTHORITY
D	D	DEPTH OR DEEP
	DBL	DOUBLE
	DBC	DESIGN BUILD CONTRACTOR
	DEG	DEGREE
	DEMO	DEMOLITION
	DET	DETAIL
	DF	DRINKING FOUNTAIN
	DIA	DIAMETER
	DIM	DIMENSION
	DN	DOWN
	DP	DAMP PROOFING
	DR	DOOR
	DS	DOWN SPOUT
	DW	DISH WASHER
	DWG	DRAWING
	DWR	DRAWER
E	E	EAST
	EA	EACH
	EHB	ELECTRIC HAND BLOWER
	EHD	ELECTRIC HAND DRYER
	EIFS	EXISTING INSULATING FINISH
	EJ	EXPANSION JOINT
	EL	ELEVATION (GRADE)
	ELEC	ELECTRICAL
	EQ	EQUAL
	EQUIP	EQUIPMENT
	ETS	EXPOSED TO STRUCTURE
	EW	EACH WAY
	EWC	ELECTRIC WATER COOLER
	EXT	EXTERIOR
	EXTG	EXISTING
	EXTD	EXTRUDED
F	FCU	FAN COIL UNIT
	FD	FLOOR DRAIN
	FE	FIRE EXTINGUISHER
	FEC	FIRE EXTINGUISHER CABINET
	FEX	FIRE EXTINGUISHER (NO CAB)
	FFA	FURNITURE, FIXTURES & ACCESSORIES
	FFE	FURNITURE, FIXTURES & EQUIPMENT
	FF	FINISHED FLOOR
	FHC	FIRE HOSE CABINET
	F&I	FURNISH AND INSTALL
	FIN	FINISH
	FLASH	FLASHING
	FLR	FLOOR
	FLUOR	FLUORESCENT
	FOF	FACE OF FINISH
	FP	FIREPROOFING
	FPHB	FREEZE-PROOF HOSE BIB
	FR	FIRE RETARDANT/ RESISTANT
	FRP	FIBERGLASS REINFORCED POLYMER
	FT	FOOT/FEET
	FTG	FOOTING
	FURN	FURNITURE
	FURR	FURRING
	FV	FIELD VERIFY
	FWC	FABRIC WALL COVERING
G	GA	GAUGE
	GALV	GALVANIZED
	GB	GRAB BAR
	GC	GENERAL CONTRACTOR
	GFI	GROUND FAULT INTERRUPT
	GFRC	GOVERNMENT FURNISHED/ CONTRACTOR INSTALLED
	GFRG	GLASS FIBER REINFORCED CONCRETE
	GL	GLASS
	GND	GROUND
	GR	GRADE
	GWB	GYPSUM WALL BOARD
	GYP	GYPSUM
	GYP BD	GYPSUM BOARD
H	H	HIGH
	HB	HOSE BIB
	HBD	HARDBOARD
	HC	HOLLOW CORE
	HCTLT	HANDICAPPED ACCESSIBLE TOILET
	HD	HOLD
	HDR	HEADER
	HDW	HARDWARE
	HDWD	HARDWOOD
I	IBC	INTERNATIONAL BUILDING CODE
	IEBC	INTERNATIONAL EXISTING BUILDING CODE
	IECC	INTERNTL. ENERGY CONSERVATION CODE
	IFC	INTERNATIONAL FIRE CODE
	ID	INSIDE DIAMETER
	IMC	INTERNATIONAL MECHANICAL CODE
	IN	INCH
	INCAN	INCANDESCENT
	INCL	INCLUDING
	INSUL	INSULATION
	INT	INTERIOR
	IPC	INTERNATIONAL PLUMBING CODE
J	JB	JUNCTION BOX
	JT	JOINT
K	KD	KNOCK DOWN
	KO	KNOCK OUT
L	L	LONG
	LAM	LAMINATED
	LAV	LAVATORY
	LB	LAG BOLT OR LINEAR BOLT
	LBP	LEAD-BASED PAINT
	LF	LINEAR FEET
	LLH	LONG LEG HORIZONTAL
	LLV	LONG LEG VERTICAL
	LP	LOW POINT
	LT	LIGHT OR LIGHTING
	LW	LIGHT WEIGHT
M	M	METER
	MACH	MACHINE
	MAS	MASONRY
	MAT	MATERIAL
	MAX	MAXIMUM
	MBH	MOP & BROOM HOLDER
	MBR	MODIFIED BITUMINOUS ROOF
	MC	MEDICINE CABINET
	MECH	MECHANICAL
	MEMB	MEMBRANE
	MEP	MECHANICAL, ELECTRICAL & PLUMBING
	MFR	MANUFACTURER
	MH	MANHOLE
	MIN	MINIMUM
	MIR-F	MIRROR-FRAMED EDGE
	MIR-G	MIRROR-GLASS EDGE
	MISC	MISCELLANEOUS
	MLD	MOULDING
	MM	MILIMITER
	MNTD	MOUNTED
	MO	MASONRY OPENING
	MS	MOP SINK
	MSD	MATERIAL SAFETY DATA
	MTD	MOUNTED
	MTG	MOUNTING
	MTL	METAL
N	N	NORTH
	N/A	NOT APPLICABLE
	NCOM	NON-COMBUSTIBLE
	NEC	NATIONAL ELECTRICAL CODE
	NIC	NOT IN CONTRACT
	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
	NOM	NOMINAL
	NPS	NOMINAL PIPE SIZE
	NTS	NOT TO SCALE
O	OC	ON CENTER
	OD	OUTSIDE DIAMETER
	OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED
	OFD	OVERFLOW DRAIN
	OFOI	OWNER FURNISHED/ OWNER INSTALLED
	OH	OPPOSITE HAND OR OVERHEAD
	OPG	OPENING
	OPP	OPPOSITE
	OPT	OPTION OR OPTIONAL
	OSSI	OFFICE OF SECURITY & STRATEGIC INFORMATION
	OZ	OUNCES
P	PA	PUBLIC ADDRESS SYSTEM
	PAF	PRESSURE AIR FASTENER
	PC	PRECAST
	PCEM	PORTLAND CEMENT
	PCF	POUNDS PER CUBIC FOOT
	PL	PLATE
	PLAM	PLASTIC LAMINATE
	PLBG	PLUMBING
	PLF	POUNDS PER LINEAR FOOT
	PLTR	PLASTER
	PLY	PLYWOOD
	PMR	PROTECTED MEMBRANE ROOFING
	PNL	PANEL
	PNT	PAINT OR PAINTED
	POE	POINT OF ENTRY
	POL	POLISHED
	PR	PAIR
	PSF	POUNDS PER SQUARE FOOT
	PSI	POUNDS PER SQUARE INCH
	PT	POINT
	PTD	PAPER TOWEL DISPENSER
	PTN	PARTITION
	PVC	POLYVINYL CHLORIDE
	PVMT	PAVEMENT
Q	QT	QUARRY TILE
	QTR	QUARTER
	QTY	QUANTITY
R	R	RADIUS OR RISER
	RA	RETURN AIR
	RCP	REFLECTED CEILING PLAN
	RD	ROOF DRAIN
	RE	REFER
	RECEP	RECEPTACLE
	REFL	REFLECTED
	REG	REGISTER
	REINF	REINFORCEMENT
	REQD	REQUIRED
	RES	RESILIENT
	REV	REVERSE
	RFI	REQUEST FOR INFORMATION
	RH	ROBE HOOK
	RM	ROOM
	RO	ROUGH OPENING
	ROW	RIGHT OF WAY
	RSF	RESILIENT SHEET FLOORING
S	S	SOUTH
	SA	SUPPLY AIR
	SAN	SANITARY
	SB	SPLASH BLOCK
	SC	SOLID CORE
	SCC	SECURITY COMMAND CENTER
	SCHED	SCHEDULE
	SCIF	SENSITIVE COMPARTMENTED INFORMATION FACILITY
	SCWD	SOLID CORE WOOD DOOR
	SD	SOAP DISPENSER
	SECT	SECTION
	SF	SQUARE FEET
	SFP	SPRAYED FIREPROOFING
	SH	SPRINKLER HEAD
	SHT	SHEET
	SHTG	SHEATHING
	SIM	SIMILAR
	SKLT	SKYLIGHT
	SP	STANDPIPE
	SPEC	SPECIFIED OR SPECIFICATION
	SQ	SQUARE
	SR	SHOWER ROD
	SR/SC	SHOWER ROD / SHOWER CURTAIN
	SS	STAINLESS STEEL
	ST	SOAP TRAY
	STC	SOUND TRANSMISSION CLASS
	STD	STANDARD
	STL	STEEL
	STOR	STORAGE
	STRL	STRUCTURAL
	STRU	STRUCTURE
	SUSP	SUSPENDED
	SYM	SYMBOL
	SYN	SYNTHETIC
	SYS	SYSTEM
T	T	TREAD OR TOP
	TB	TOWEL BAR
	TBL	TOP OF BRICK LEDGE
	T&B	TOP & BOTTOM
	TC	TOP OF CURB
	TD	TRENCH DRAIN
	TEL	TELEPHONE
	TERR	PAINT OR PAINTED
	T&G	TONGUE AND GROOVE
	THK	THICK
	THRU	THROUGH
	TLT	TOILET
	TOC	TOP OF CONCRETE
	TOD	TOP OF DECK
	TOF	TOP OF FOOTING
	TOI	TOP OF INSULATION
	TOJ	TOP OF JOIST
	TOP	TOP OF PARAPET
	TOS	TOP OF STEEL
	TOW	TOP OF WALL
	TPH	TOILET PAPER HOLDER
	TR	TELEPHONE RECEPTACLE
	TTB	TELEPHONE TERMINAL BOARD
	TV	TELEVISION
	TYP	TYPICAL
U	UCL	UNDER CABINET LIGHT
	ULAY	UNDERLAYMENT
	UNFIN	UNFINISHED
	UNO	UNLESS NOTED OTHERWISE
	UON	UNLESS OTHERWISE NOTED
	UR	URINAL
V	VB	VAPOR BARRIER
	VCT	VINYL COMPOSITION TILE
	VERT	VERTICAL
	VIF	VERIFY IN FIELD
	VP	VENT PIPE
	VS	VENT SHAFT
	VT	VINYL TILE
	VWC	VINYL WALL COVERING
W	W	WEST OR WIDE OR WIDTH
	W/	WITH
	WB	WIND BRACE
	WC	WATER COSET
	WCOT	WAINSCOT
	WD	WOOD
	WDO	WINDOW
	WH	WEEP HOLE
	W/O	WITHOUT
	WO	WINDOW OPENING
	WP	WATER PROOFING
	WR	WASTE RECEPTACLE
	WRR	WATER RESISTANT
	WS	WEATHERSRIPPING
	WT	WEIGHT
	WWF	WELDED WIRE FABRIC
Y	YD	YARD
	&	AND
	@	AT
	=	EQUAL
	±	PLUS / MINUS
	#	POUNDS OR NUMBER
	x	TIMES
	°	DEGREES
	∠	ANGLE
	Ø	DIAMETER
	℄	CENTER LINE
	'	FEET
	"	INCHES

SYMBOLS LEGEND

- ALIGN — ALIGN SURFACES
- XX — GENERAL / KEYED NOTE
- X — DEMOLITION NOTE
- XXX — ROOM NAME / XXX — ROOM NUMBER
- XX — WALL / PARTITION TYPE
- XX — STRUCTURAL GRID COMPONENT
- ℄ — CENTER LINE
- FLOOR BOX W/ PLATE
- X — REVISION NUMBER / REVISION CLOUD
- EXISTING WALL TO REMAIN
- NEW STC-50 WALL
- NEW WALL AS PER WALL TYPE
- NOT IN THE SCOPE OF WORK
- FLOOR FINISH TRANSITION
- EXISTING DOOR ASSEMBLY TO BE REMOVED
- XXX — EXISTING DOOR ASSEMBLY TO REMAIN
- XXX — DOOR NUMBER / NEW DOOR ASSEMBLY
- EXISTING SYSTEMS FURNITURE TO BE REMOVED
- X — ELEVATION NUMBER / X — SHEET NUMBER
- X / XX — DETAIL / SECTION NUMBER / SHEET NUMBER
- X — FURNITURE / EQUIPMENT TAG
- FINISH ELEVATION
- EXISTING 24"x 24" ACT & GRID REMAIN
- EXISTING 24"x 24" ACT & GRID TO BE ADJUSTED TO ALLOW FOR WALL
- EXISTING 24"x 24" ACT & GRID ADJUSTED ALLOWING FOR WALL

MATERIALS LEGEND

- STEEL STUD
- STEEL RUNNER
- ALUMINUM
- BATT INSULATION
- CONCRETE
- EXISTING TATE STEEL 24"x 24" FLOOR PANEL SYSTEM TO REMAIN
- EXISTING STEEL 24"x 24" FLOOR PANEL TO BE MODIFIED
- EXISTING MODIFIED STEEL 24"x 24" FLOOR PANEL
- WOOD BLOCKING CONTINUOUS
- WOOD BLOCKING NOT CONTINUOUS
- PLYWOOD
- WOOD FINISH
- GYPSUM OR SAND
- CARPET
- EXISTING FLOOR PANEL W/ ELECTRICAL / DATA FLOOR BOX TO BE RELOCATED
- EXISTING RELOCATED FLOOR PANEL SYSTEM W/ ELECTRICAL / DATA FLOOR BOX

MERIDIEN GROUP

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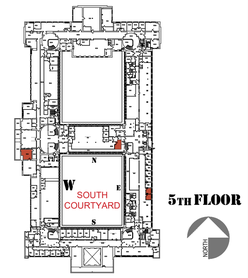
CERTIFICATIONS



5TH FLOOR

REVISION NOTES	DATE	MARK	DESCRIPTION

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	NOTES, SYMBOLS AND ABBREVIATIONS
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	G- 002
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 02 OF 43

PHYSICAL AND TECHNICAL SECURITY STANDARDS

CONSTRUCTION MUST COMPLY WITH THE IC TECH SPEC FOR ICD/ICS 705

1. PERIMETER SECURITY

1.1 THE PERIMETER OF THE SECURE SPACE INCLUDES ALL PERIMETER WALLS, WINDOWS, AND DOORS AS WELL AS THE CEILING AND FLOOR.

1.2 THE PERIMETER OF THE SECURE SPACE SHALL PROVIDE A PHYSICAL BARRIER TO FORCED, COVERT AND SURREPTITIOUS ENTRY.

1.3 WALLS, FLOOR AND CEILING SHALL BE PERMANENTLY AND SOLIDLY CONSTRUCTED AND ATTACHED TO EACH OTHER. RAISED FLOORS AND FALSE CEILINGS SHALL NOT BE USED TO ANCHOR WALL SUPPORT MATERIALS. ALL CONSTRUCTION, TO INCLUDE ABOVE THE FALSE CEILING AND BELOW A RAISED FLOOR, SHALL BE CONSTRUCTED TO PROVIDE VISUAL EVIDENCE OF UNAUTHORIZED PENETRATION.

1.4 WHEN AN EXISTING WALL IS CONSTRUCTED WITH SUBSTANTIAL MATERIAL **(E.G., BRICK, CONCRETE, CINDER BLOCK, ETC.)** EQUAL TO MEET THE PERIMETER WALL CONSTRUCTION STANDARDS, THE EXISTING WALL MAY BE UTILIZED TO SATISFY THE SPECIFICATION.

1.5 PERIMETER WALL CONSTRUCTION SPECIFICATIONS VARY BY THE TYPE OF SECURE SPACE OPERATIONS, LOCATION, USE OF SECURITY IN DEPTH (SID), AND DISCUSSION REQUIREMENTS.

2. SOUND GROUPS RATING

2.1 THE ABILITY OF A SECURE SPACE STRUCTURE TO RETAIN SOUND WITHIN THE PERIMETER IS RATED USING A DESCRIPTIVE VALUE, THE SOUND TRANSMISSION CLASS (STC). TO SATISFY THE NORMAL SECURITY STANDARDS OF SECURE SPACES, THE FOLLOWING TRANSMISSION ATTENUATION GROUPS HAVE BEEN ESTABLISHED:

2.1.1 SOUND GROUP 3 - STC 45 OR BETTER: THE SECURE SPACE PERIMETER SHALL BE DESIGNED AND CONSTRUCTED TO MEET SOUND GROUP 3 OR BETTER STANDARDS.

2.1.2 SOUND GROUP 4 - STC 50 OR BETTER : AREAS THAT PROVIDE FOR AMPLIFIED CONVERSATIONS, SUCH AS CONFERENCE CENTERS, VIDEO TELECONFERENCE (VTC) ROOMS, OR SIMILAR AREAS, SHALL BE DESIGNED AND CONSTRUCTED TO MEET SOUND GROUP 4 STANDARDS.

2.2 THIS IS NOT INTENDED TO PROTECT AGAINST DELIBERATE TECHNICAL INTERCEPTION OF AUDIO EMANATIONS.

2.3 IF AMPLIFIED SOUND EMPLOYMENT IS ANTICIPATED, SUCH AS CONFERENCE ROOM VTC, THE FACILITY NORMALLY MUST MEET SOUND TRANSMISSION CLASS (STC) REQUIREMENTS OF STC-50 FOR WALLS AND DOORS.

3. PERIMETER WALL CONSTRUCTION

WALL TYPE C (FROM ICD/ICS 705) - SUGGESTED STANDARD ACOUSTIC WALL FOR NEWLY CONSTRUCTED WALL AT ENTRANCE AS FOLLOWS: (SEE CONSTRUCTION DRAWING FOR DETAILS).

3.1 3 5/8 INCH MINIMUM 16-GAUGE STUDS @ 16 INCHES o.c. WITH:

3..1.1 THREE LAYERS 5/8 INCH-THICK GYPSUM WALLBOARD (GWB) AS FOLLOWS: TWO LAYERS ON THE UNCONTROLLED SIDE OF THE SECURE SPACE AND ONE ON THE CONTROLLED SIDE OVER A MINIMUM 1/2 INCH PLYWOOD ON THE CONTROLLED SIDE OF THE SECURE SPACE.

3.1.2 1/2 INCH PLYWOOD AFFIXED 8' VERTICAL BY 4' HORIZONTAL TO 16-GAUGE STUDS USING GLUE AND #10 STEEL TAPPING SCREWS AT 12 O.C.

3.1.3 GWB SHALL BE MOUNTED TO PLYWOOD WITH SCREWS AVOIDING CONTACT WITH STUDS TO MITIGATE ANY POSSIBLE ACOUSTIC FLANKING PATH.

3.1.4 THE INTERIOR TWO LAYERS OF WALLBOARD SHALL BE MOUNTED SO THAT THE SEAMS DO NOT ALIGN (I.E., STAGGER JOINTS).

3.2 ACOUSTIC FILL 3 ½ " SOUND ATTENUATION MATERIAL, FASTENED TO PREVENT SLIDING DOWN AND LEAVING VOID AT THE TOP.

3.3 THE TOP AND BOTTOM OF EACH WALL SHALL BE SEALED WITH AN ACOUSTIC SEALANT WHERE IT MEETS THE SLAB. USE FIRE SAFE NON-SHRINK GROUT, OR ACOUSTIC SEALANT IN ALL VOIDS ABOVE/BELOW TRACK BOTH SIDES OF PARTITION.

3.4 ENTIRE WALL ASSEMBLY SHALL BE FINISHED AND PAINTED FROM TRUE FLOOR TO TRUE CEILING.

4. SECURE SPACE PENETRATIONS CRITERIA

4.1 ALL PENETRATIONS OF PERIMETER WALLS SHALL BE KEPT TO A MINIMUM.

4.2 UTILITIES SERVICING AREAS OTHER THAN THE SPACE SHALL NOT TRANSIT THE SPACE UNLESS MITIGATED WITH AO APPROVAL.

4.3 UTILITIES SHOULD ENTER THE SPACE AT A SINGLE POINT.

4.4 ALL UTILITY (POWER AND SIGNAL) DISTRIBUTION ON THE INTERIOR OF A PERIMETER WALL TREATED FOR ACOUSTICS OR RF SHALL BE SURFACE MOUNTED, CONTAINED IN A RACEWAY, OR AN ADDITIONAL WALL SHALL BE CONSTRUCTED USING FURRING STRIPS AS STAND OFF FROM THE EXISTING WALL ASSEMBLY. IF THE CONSTRUCTION OF AN ADDITIONAL WALL IS USED, GYPSUM BOARD MAY BE ¾ INCH THICK AND NEED ONLY GO TO THE FALSE CEILING.

4.5 INSTALLATION OF ADDITIONAL CONDUIT PENETRATION FOR FUTURE UTILITY EXPANSION IS PERMISSIBLE PROVIDED THE EXPANSION CONDUIT IS FILLED WITH ACOUSTIC FILL AND CAPPED (END OF PIPE COVER).

5. VENT AND DUCT WORK CRITERIA

5.1 ALL VENTS AND DUCTS SHALL BE PROTECTED TO MEET THE ACOUSTIC REQUIREMENTS OF THE SECURE SPACE (TYPICAL AIR Z-DUCT PENETRATION FOR EXAMPLE.) ALL DUCTS SHALL BE ACOUSTICALLY LINED OR WRAPPED. A NEOPRENE, CANVAS OR OTHER NON-METALLIC MATERIAL SECTIONS ARE REQUIRED TO BE INSTALLED WITHIN 6 INCHES OF THE PERIMETER WALL TO ENSURE ACOUSTIC PROTECTION FOR THE DUCT.

5.2 HEATING VENTILATION AND AIR CONDITIONING (HVAC) VENTILATION DUCTS MUST HAVE VIBRATION ISOLATION INSTALLED WITHIN 6" OF EXITING THE SECURE SPACE AND ACOUSTIC TREATMENT. A "Z-TYPE" DUCT IS AN EXAMPLE OF ACOUSTICAL ATTENUATION FOR A RETURN DUCT.

5.3 WALLS SURROUNDING DUCT PENETRATIONS SHALL BE FINISHED TO ELIMINATE ANY OPENING BETWEEN DUCT AND THE WALL.

5.4 ALL VENTS OR DUCT OPENINGS THAT PENETRATE THE PERIMETER WALLS OF A SECURE SPACE AND EXCEED 96 SQUARE INCHES SHALL BE PROTECTED WITH PERMANENTLY AFFIXED BARS OR GRILLS.

5.5 IF ONE DIMENSION OF THE PENETRATION MEASURES LESS THAN 6 INCHES, BARS OR GRILLS ARE NOT REQUIRED.

5.6 WHEN METAL SOUND BAFFLES OR WAVE FORMS ARE PERMANENTLY INSTALLED AND SET NO FARTHER APART THAN 6 INCHES IN ONE DIMENSION, THEN BARS OR GRILLS ARE NOT REQUIRED.

5.7 IF BARS ARE USED, THEY SHALL BE A MINIMUM OF 1/2 INCH DIAMETER STEEL, WELDED VERTICALLY AND HORIZONTALLY 6 INCHES ON CENTER; A DEVIATION OF 1/2 INCH IN VERTICAL AND/OR HORIZONTAL SPACING IS PERMISSIBLE.

5.8 IF GRILLES ARE USED, THEY SHALL BE OF:

5.8.1 1- 3/4 INCH-MESH, #9 (10 GAUGE), CASE-HARDENED, EXPANDED METAL; OR

5.8.2 EXPANDED METAL DIAMOND MESH, 1-1/2" #10 (1-3/8" BY 3" OPENINGS, 0.093" THICKNESS, WITH AT LEAST 80% OPEN DESIGN) TAMPERPROOF; OR

5.8.3 WELDED WIRE FABRIC (WWF) 4x4 W2.9 x W2.9 (6-GAUGE SMOOTH STEEL WIRE WELDED VERTICALLY AND HORIZONTALLY 4 INCHES o.c.).

5.8.4 IF BARS OR GRILL ARE REQUIRED, AN ACCESS PORT SHALL BE INSTALLED INSIDE THE SECURE PERIMETER OF THE SPACE TO ALLOW VISUAL INSPECTION OF THE BARS OR GRILL.

6. ELECTRICAL COMPONENTS CRITERIA

6.1 METALLIC DRAIN PIPING THOUGH A SECURE SPACE (SS)MUST HAVE A DIELECTRIC BREAK WITHIN 6 IN OF EXIT. ALL DRAIN PIPING MUST BE ACOUSTICALLY PROTECTED.

6.2 PROVIDE AN ISOLATION TRANSFORMER WITHIN LOCAL ELECTRICAL ROOM OR SS LAN ROOM. IF AN ISOLATION TRANSFORMER IS INSTALLED WITHIN THE SS LAN ROOM, NO SEPARATE RED/BLACK POWER PANELS ARE REQUIRED. ALL ELECTRICAL LOADS SHOULD BE FED BY THE ELECTRICAL PANEL(S) LOCATED WITHIN LOCAL ELECTRICAL ROOM OR SS LAN ROOM.

6.3 A SEPARATION DISTANCE OF 30 CM SHALL BE PROVIDED BETWEEN RED EQUIPMENT AND BLACK WIRE LINES THAT DIRECTLY LEAVE THE INSPECTABLE SPACE.

6.4 FOR SMALLER ELECTRICAL LOAD SSS, AN UNINTERRUPTIBLE POWER SUPPLY (UPS) MAY BE USED IN LIEU OF AN ISOLATION TRANSFORMER. THE UPS UNIT MUST BE A FULL CONVERSION, I.E., AC-DC-AC TYPE.

6.5 FIBER IS PREFERRED OVER WIRED CABLING ENTERING THE SS. CABLE TV OR OTHER COAXIAL CABLE MUST BE FIBER WHEN PENETRATING THE SS PERIMETER WALL. ALL OTHER METALLIC CABLING MUST BE SHIELDED.

6.6 GROUNDING

6.6.1 A GROUNDING POINT MUST BE PROVIDED WITHIN THE SS, PREFERABLY IN THE SS LAN ROOM.

6.6.2 FORTUITOUS CONDUCTORS. ALL PIPES, CONDUITS, AND METALLIC TUBING (NEW AND EXISTING) SHOULD BE GROUNDED AT THE SECURE SPACE (SS) PERIMETER WALL EXIT POINT, WITHIN 6 IN OF EXIT.

6.6.3 ANY EXISTING WIRING OR PIPING THAT WILL NOT BE USED MUST BE REMOVED. FOR NEW WORK, DIELECTRIC BREAKS MAY BE INSTALLED BETWEEN THE GROUNDING CLAMP AND PERIMETER WALL OR IN PERIMETER WALL ITSELF.

6.6.4 NO DIELECTRIC BREAK REQUIRED IN FIRE SUPPRESSION, SPRINKLER PIPING

6.6.5 FOR GROUNDING USE STANDARD METALLIC CLAMPS, #14 AWG OR LARGER GAUGE COPPER WIRE, STRANDED COPPER, WIRE, OR BRAIDED STRAP, AND BOND TO BUILDING GROUND. GROUNDING RESISTANCE SHOULD NOT EXCEED 1 MILLIOHM.

6.6.6 RECORD GROUNDING CONNECTIONS, ELECTRICAL PANEL, TRANSFORMER NAME PLATE VIA PHOTOGRAPHIC MEANS.

7. GENERAL SECURE SPACE INTRUSION DETECTION SYSTEM (IDS) REQUIREMENTS

7.1 IDS SHALL DETECT ATTEMPTED OR ACTUAL UNAUTHORIZED HUMAN ENTRY INTO A SECURE SPACE. (SEE CHAPTER 7 OF THE ICD/ICS 705).

7.2 SPACE SHALL BE PROTECTED BY IDS WHEN NOT OCCUPIED.

7.3 INTERIOR AREAS OF A SPACE THROUGH WHICH REASONABLE ACCESS COULD BE GAINED, INCLUDING WALLS COMMON TO AREAS NOT PROTECTED AT THE SCI LEVEL, SHALL BE PROTECTED BY IDS.

7.4 DOORS WITHOUT ACCESS CONTROL SYSTEMS AND THAT ARE NOT UNDER CONSTANT VISUAL OBSERVATION SHALL BE CONTINUOUSLY MONITORED BY THE IDS.

7.5 REQUIREMENTS FOR ELECTRICAL POWER

7.5.1 IN THE EVENT OF PRIMARY POWER FAILURE, THE SYSTEM SHALL AUTOMATICALLY TRANSFER TO AN EMERGENCY ELECTRICAL POWER SOURCE WITHOUT CAUSING ALARM ACTIVATION.

7.5.2 TWENTY-FOUR HOURS OF UNINTERRUPTIBLE BACKUP POWER IS REQUIRED AND SHALL BE PROVIDED BY BATTERIES, AN UNINTERRUPTIBLE POWER SUPPLY (UPS), GENERATORS, OR ANY COMBINATION.

8. SECURE SPACE DOOR CRITERIA

8.1 DOOR TYPE DEFINITIONS

8.1.1 PRIMARY DOOR: A SECURE SPACE PERIMETER DOOR RECOGNIZED AS THE MAIN ENTRANCE. **THERE SHALL BE ONLY ONE PRIMARY DOOR TO A SECURE SPACE.**

8.1.2 SECONDARY DOOR: A SECURE SPACE PERIMETER DOOR EMPLOYED AS BOTH AN ENTRY AND EGRESS DOOR THAT IS NOT THE PRIMARY DOOR.

8.1.3 EMERGENCY EGRESS-ONLY DOOR: A SECURE SPACE PERIMETER DOOR EMPLOYED AS AN EMERGENCY EGRESS DOOR WITH NO ENTRY CAPABILITY.

8.2 THE ACCREDITING OFFICIALS (AO) MUST APPROVE ADDITIONAL ENTRANCE DOORS FOR USE BY SECURE SPACE RESIDENTS PROVIDED THAT THE DOORS ARE EQUIPPED WITH AN APPROVED ACCESS CONTROL SYSTEM AND ARE SECURED WITH AN APPROVED DEAD BOLT OR LOCK WHEN THE SPACE IS NOT OCCUPIED. THE DEADBOLT SHALL NOT BE ACCESSIBLE FROM THE EXTERIOR.

8.3 CRITERIA FOR ALL SECURE SPACE PERIMETER DOORS

8.3.1 SECURE SPACE DOORS & FRAME ASSEMBLIES SHALL MEET ACOUSTIC REQUIREMENTS UNLESS DECLARED A NON-DISCUSSION AREA. DOOR'S SERVICING AREAS BUILT TO STC LEVEL 4 OR 5 REQUIRE A SPECIALIZED ACOUSTIC RATED ASSEMBLY.

8.3.2 PERIMETER DOORS SHALL COMPLY WITH APPLICABLE BUILDING, SAFETY, AND ACCESSIBILITY CODES AND REQUIREMENTS.

8.3.3 ALL PERIMETER DOORS SHALL BE ALARMED IN ACCORDANCE WITH INTRUSION DETECTION SYSTEM (IDS) STANDARDS.

8.3.4 ALL PERIMETER DOORS SHALL BE EQUIPPED WITH A 30 SECOND AUTOMATIC NON-HOLD DOOR-CLOSER WHICH SHALL BE INSTALLED INTERNAL TO THE SPACE.

8.3.5 HINGE PINS THAT ARE ACCESSIBLE FROM OUTSIDE OF THE SPACE DOOR SHALL BE MODIFIED TO PREVENT REMOVAL OF THE DOOR, E.G., WELDED, SET SCREWS, ETC.

8.3.6 PARTICULAR ATTENTION MUST BE PAID TO THE DOOR FRAME, SWEEPS, AND DOOR CLOSER AS THESE ARE AREAS PARTICULARLY VULNERABLE TO SOUND LEAKAGE AND ARE MOST COMMONLY THE REASON FOR FAILURE TO MEET THE STC CONSTRUCTION STANDARD.

8.3.7 IT IS RECOMMENDED THAT A CERTIFIED COMMERCIAL CONTRACTOR TO INSTALL THE PREFABRICATED DOORS STC-50 OR HIGHER RATED DOOR.

8.3.8 SECURE SPACE PERIMETER DOORS SHALL BE PROTECTED BY A HIGH SECURITY SWITCH (HSS) AND A MOTION DETECTION SENSOR SUCH AS PASSIVE INFRARED SENSOR (PIR).

8.4 PRIMARY DOOR CRITERIA

8.4.1 THERE SHALL BE ONLY ONE PRIMARY DOOR TO A SECURE SPACE.

8.4.2 SHALL BE EQUIPPED WITH GSA-APPROVED PEDESTRIAN DOOR DEADBOLT MEETING THE MOST CURRENT VERSION OF FEDERAL SPECIFICATION FF-L-2890. STANDALONE AND FLUSH MOUNTED DEAD BOLTS ARE PROHIBITED.

8.4.3 IT SHALL BE EQUIPPED WITH A COMBINATION LOCK MEETING THE MOST CURRENT VERSION OF FEDERAL SPECIFICATION FFL- 2740.

8.4.4 IT SHALL BE EQUIPPED WITH AN APPROVED ACCESS CONTROL DEVICE (ACD) (SEE CHAPTER 8 OF THE ICD / ICS 705). THE ACD MAY BE EQUIPPED WITH A BY-PASS KEYWAY FOR USE IN THE EVENT OF AN ACCESS CONTROL SYSTEM FAILURE.

8.5 EMERGENCY EXIT DOORS (IF REQUIRED) SHALL

8.5.1 BE SECURED WITH 3-POINT DEADLOCKING PANIC HARDWARE ON THE INSIDE

8.5.2 HAVE NO EXTERIOR HARDWARE.

8.5.3 BE ALARMED 24/7

8.5.4 PROVIDE A LOCAL AUDIBLE ANNUNCIATION WHEN OPENED

8.6 WOOD DOORS

8.6.1 WOOD DOORS SHALL BE 1 3/4 INCH-THICK SOLID WOOD CORE (WOOD STAVE)

8.7 STEEL DOORS SHALL MEET FOLLOWING SPECIFICATIONS:

8.7.1 1 ¾ INCH-THICK FACE STEEL EQUAL TO 18 GAUGE

8.7.2 HINGES REINFORCED TO 7 GAUGE

8.7.3 DOOR CLOSURE REINFORCED TO 12 GAUGE

8.7.4 LOCK AREA PREDRILLED AND/OR REINFORCED TO 10 GAUGE

9. WINDOWS CRITERIA

9.1 EVERY EFFORT SHOULD BE MADE TO MINIMIZE OR ELIMINATE WINDOWS IN THE SPACE, ESPECIALLY ON THE GROUND FLOOR.

9.2 WINDOWS SHALL BE NON-OPENING.

9.3 WINDOWS SHALL BE PROTECTED BY SECURITY ALARMS WHEN THEY ARE WITHIN 18 FEET OF THE GROUND OR AN ACCESSIBLE PLATFORM.

9.4 WINDOWS SHALL PROVIDE VISUAL AND ACOUSTIC PROTECTION.

10. FLOOR AND CEILING CRITERIA

10.1 FLOORS AND CEILINGS SHALL BE CONSTRUCTED TO MEET THE SAME STANDARDS FOR FORCE PROTECTION AND ACOUSTIC PROTECTION AS WALLS.

10.2 ALL FLOOR AND CEILING PENETRATIONS SHALL BE KEPT TO A MINIMUM.

11. TEMPEST CRITERIA

11.1 RF SHIELDING FOIL INSTALLATION IS DEPENDENT ON THE INFORMATION ABOVE REGARDING THE SS SEPARATION DISTANCE FROM OTHERS, I.E., DETERMINATION OF THE INSPECTABLE SPACE BY THE CERTIFIED TEMPEST TECHNICAL AUTHORITY (TREASURY (OIA) CTTA). ALL WALLS, CEILINGS, AND FLOORS MUST BE FOILED.

11.2 RADIO FREQUENCY (RF) SHIELDING PROTECTION FOR SECURE SPACE PERIMETER

11.2.1 RF PROTECTION SHALL BE INSTALLED AT THE DIRECTION OF THE CTTA WHEN A SECURE SPACE UTILIZES ELECTRONIC PROCESSING AND DOES NOT PROVIDE ADEQUATE RF ATTENUATION AT THE INSPECTABLE SPACE BOUNDARY. IT IS RECOMMENDED FOR ALL APPLICATIONS WHERE RF INTERFERENCE FROM THE OUTSIDE OF THE SPACE IS A CONCERN INSIDE THE SPACE.

11.2.2 INSTALLATION OF RF PROTECTION SHOULD BE DONE USING EITHER THE DRAWINGS OR *BEST PRACTICES GUIDELINES FOR ARCHITECTURAL RADIO FREQUENCY SHIELDING*, PREPARED BY THE TECHNICAL REQUIREMENTS STEERING COMMITTEE UNDER THE CENTER FOR SECURITY EVALUATION. THIS DOCUMENT IS AVAILABLE THROUGH THE CENTER FOR SECURITY EVALUATION, OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE (ONCIX/CSE).

11.2.3 RF INSTALLATION ON THE WALLS | NEW WALLS:

OPTION 1: FOIL SHOULD BE INSTALLED BETWEEN THE TWO INNER LAYERS (SS) OF GWB.
OPTION 2: INSTALL ONE LAYER OF FOIL BACK GYPSUM BOARD OVER ONE LAYER OF GYPSUM BOARD ON THE SS OF THE WALL.

IN BOTH OPTIONS, THE GWB PANELS SHOULD BE INSTALLED WITH STAGGERED JOINTS, AND THE INSTALLATION SHOULD BE IN A MANNER TO PROTECT THE FOIL.

11.2.4 RF INSTALLATION ON THE WALLS | EXISTING WALLS:

OPTION 1A: EMI CONDUCTIVE FABRIC OR EMI SHIELDING LAMINATES: THESE TYPES OF SHIELDS ARE PERFECT FOR ISOLATING ASSEMBLIES ALREADY IN PLACE WITHOUT NEEDING TO DO ANY DEMOLITION.

OPTION 1B: CONDUCTIVE FABRIC TAPE EMI AND RFI TAPE VARIETIES

11.2.5 THE CEILING WOULD BE CAPPED ABOVE CURRENT CEILING TILES ALLOWING FOR THE INSTALLATION OF RF FOIL, THUS ALLOWING COMPLETING THE 6-SIDED RF FOIL BOX. CAPPED CEILING CAN BE COVERED WITH GYPSUM BOARD AND PAINTED TO MATCH COLOR BELOW CEILING TILES.

11.3 THE ENTRANCE WALL WILL NEED TO MEET THE STC-50 CRITERIA WITH FOIL BACK GYPSUM BOARD USED FOR RF MITIGATION. AREAS ABOVE THE CEILING THAT WERE NOT VERIFIED AS CONCRETE EXTERIOR WALLS MUST BE COVERED WITH FOIL BACKED GYPSUM BOARD AND BROUGHT UP TO STC-50 RATING.

11.4 WINDOW TREATMENT MAY CONSIST OF RF-SHIELDING FILM AND PHYSICAL/VISUAL RESTRICTIONS. CTTA, APPROVED THE USE OF FOIL BACKED GYPSUM BOARD AS A MEANS OF MITIGATION. BASED ON STANDOFF DISTANCE AND SIDS.

11.5 USE VOIPS, VIPER, OR TSG-6 TYPE APPROVED PHONES FOR UNCLASSIFIED SERVICE IN THE SS. SEE CNSS 5000, 5002, AND 5006 FOR DETAILS INCLUDING APPROVED VOIP DEVICES. THE CALL MANAGER MUST BE INSTALLED WITHIN A PROTECTED ROOM. THIS WILL BE AT THE DISCRETION OF CIO FOR THE TYPE OF PHONES THAT CAN SUPPORT THE ENVIRONMENT.

11.6 GENERAL ANNOUNCEMENT SPEAKERS MUST HAVE ISOLATION TRANSFORMERS OR SIMILAR. THIS ALSO APPLIES TO FIRE ALARM SPEAKER ANNUNCIATORS, NOT ELECTRONIC AIR HORN TYPE.

11.7 THE ENCRYPTION/DECRYPTION DEVICE SHOULD BE INSTALLED IN THE SERVER ROOM, NORMALLY A PART OF THE SS TO PRECLUDE THE NEED FOR AN ALARMED PROTECTED DISTRIBUTION SYSTEM (PDS). A PDS IS NOT AUTHORIZED.

11.8 NO WIRELESS DEVICES ARE ALLOWED IN THE SS.

MERIDIEN GROUP

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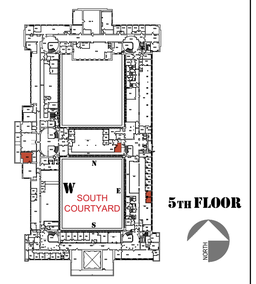
ARCHITECTURE | HISTORIC PRESERVATION | PLANNING | DESIGN

CERTIFICATIONS



5TH FLOOR

NORTH

REVISION NOTES	DATE	MARK	DESCRIPTION

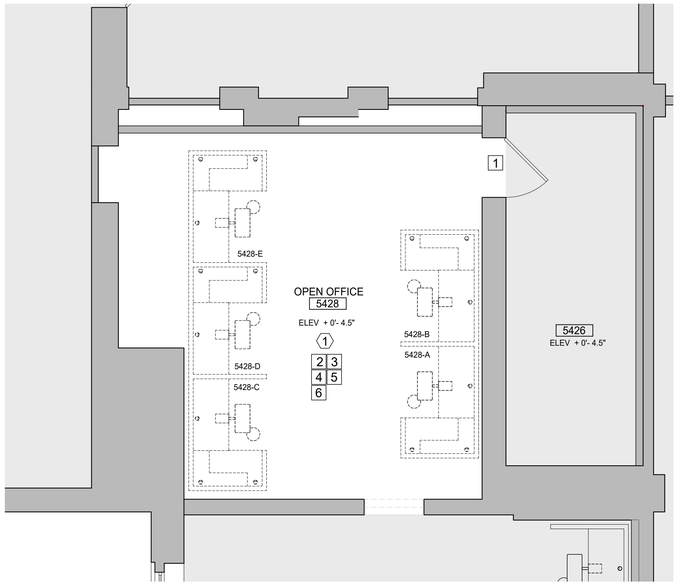
CONTRACTORS		
	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	

BUILDING		
	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	

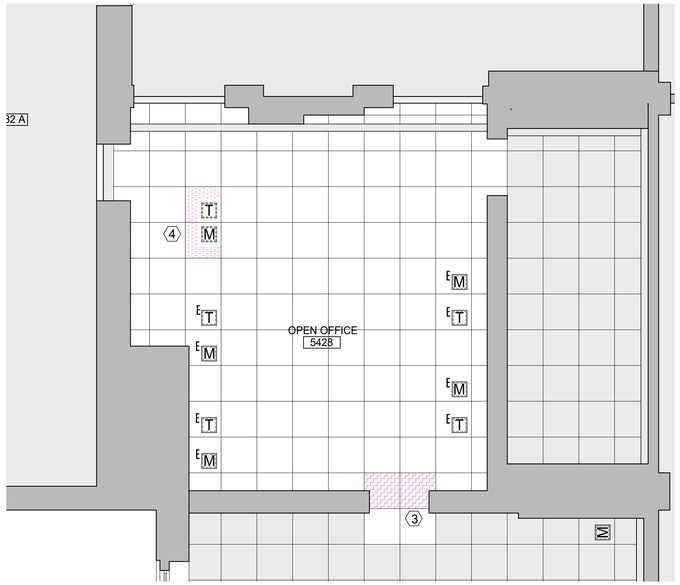
PROJECT		
	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026

DRAWING		
	DRAWING TITLE	PHYSICAL AND TECHNICAL SECURITY
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	G- 003
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 03 OF 43

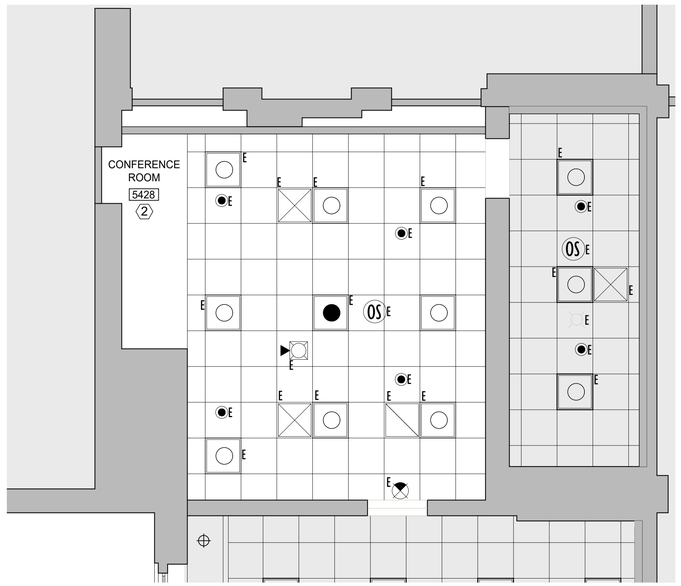
WEST CONFERENCE ROOM 5428



C-1 EXISTING AND DEMOLITION FLOOR PLAN
1/4" = 1'-0"

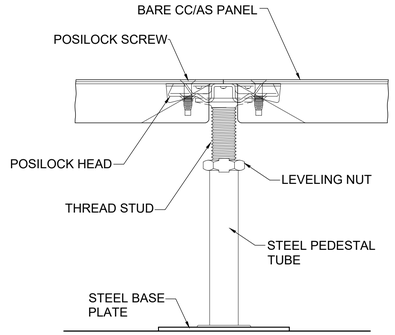


C-3 EXISTING AND DEMOLITION FLOOR PANEL SYSTEM
1/4" = 1'-0"



A-1 EXISTING AND DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"

CONCORE / ALL STEEL POSILOCK SYSTEM



B-4 TYPICAL SECTION AT FIELD
NTS

SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOORS OUTSIDE THE AREA OF WORK TO REMAIN
- NOT IN THE SCOPE OF WORK
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL SYSTEM TO REMAIN
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL TO BE ADJUSTED TO EXTEND WALL DOWN TO TRUE FLOOR DECK
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL / DATA FLOOR BOXES TO BE RELOCATED
- EXISTING 24"x 24" CEILING ACT AND GRID TO REMAIN AS IS
- EXISTING 24"x 24" CEILING ACT AND GRID TO BE ADJUSTED TO EXTEND WALL TO TRUE CEILING DECK
- EXISTING SYSTEMS FURNITURE TO BE REMOVED BY TREASURY

- E — EXISTING 2' x 2' LIGHT FIXTURE TO REMAIN AS IS
- EXISTING 2' x 2' LIGHT FIXTURE TO BE RELOCATED
- E — EXISTING 2' X 2' EMERGENCY LIGHT FIXTURE WITH INTEGRAL SELF TESTING / SELF DIAGNOSTIC BATTERY PACK TO REMAIN AS IS
- E — EXISTING SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA
- EXISTING SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA TO BE RELOCATED
- E — EXISTING PERFORATED CEILING PANEL RETURN, 24" X 24" FACE AREA
- OS E — EXISTING OCCUPANCY SENSOR (CEILING MOUNTED)
- OS — EXISTING OCCUPANCY CEILING SENSOR TO BE RELOCATED
- E — EXISTING SINGLE FACE EXIT SIGN
- E — EXISTING CEILING MOUNTED FIRE ALARM COMBINATION STROBE / HORN
- E — EXISTING SPRINKLER HEAD CEILING MOUNTED
- E — EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO REMAIN
- EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO BE RELOCATED

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
2. IN CASE OF CONFLICTS BETWEEN PLANS, KEY NOTES, SECTIONS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT APPLIES
3. ALL DIMENSIONS ARE GIVEN FROM FINISH WALL OR PARTITION TO FINISH WALL OR PARTITION
4. ALL WORK PROVIDED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY MARKED "EXISTING", "EXTG", OR "(E)"
5. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
6. THE CONTRACTOR SHALL CLEAN UP ALL ACTIVE WORK AREAS AFTER EACH DAY'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMO- VAL AND PROPER DISPOSAL OF ALL WORK RELATED TRASH AND DEBRIS
7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLA- CED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

DEMOLITION NOTES

1. TREASURY WILL REMOVE SYSTEMS FURNITURE AND SYSTEMS PARTITIONS FROM PROJECT AREA
2. MODIFY EXISTING SUSPENDED CEILING GRID AND ACT AS NEEDED TO EXTEND WALL TO CEILING DECK (EXACT CONDITION TO BE VERIFIED)
3. REMOVE EXISTING FLOOR PANEL SYSTEM & CARPET AS NEEDED TO ALLOW FOR A NEW WALL PORTION TO EXTEND FROM UNDER NEW DOOR WALL TO FLOOR DECK. PANEL ARE TO BE REINSTALLED UNALTERED. REMOVE CARPET GLUE AND CLEAN FLOOR PANELS AS NEEDED. SINCE CARPET HAS BEEN DISCONTINUED, SAVE ALL REMOVED CARPET FOR REINSTALLATION
4. RELOCATE FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL BOXES TO SERVICE CONFERENCE TABLE

KEY NOTES

1. EXISTING DOOR TO REMAIN
2. MECHANICAL EQUIPMENT AND DUCT WORK TO REMAIN UNALTERED.
3. FIRE PROTECTION & FIRE ALARM SYSTEMS TO REMAIN UNALTERED.
4. POWER AND LIGHTING SYSTEMS TO REMAIN UNALTERED.
5. FLOOR PANEL SYSTEM AND CEILING ACT & GRID TO REMAIN UNALTERED EXCEPT WHERE NOTED
6. PROTECT EXISTING WALLS AND REPAIR IF DAMAGED AS NEEDED

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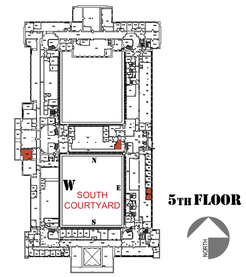
CERTIFICATIONS



REVISION NOTES

DATE	MARK	DESCRIPTION

1/4" =1'-0"
3" 2" 1" 0 2' 4' 6' 8'
CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	EXISTING AND DEOLITION
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	AD101
		DISCIPLINE SHEET TYPE SEQUENCE
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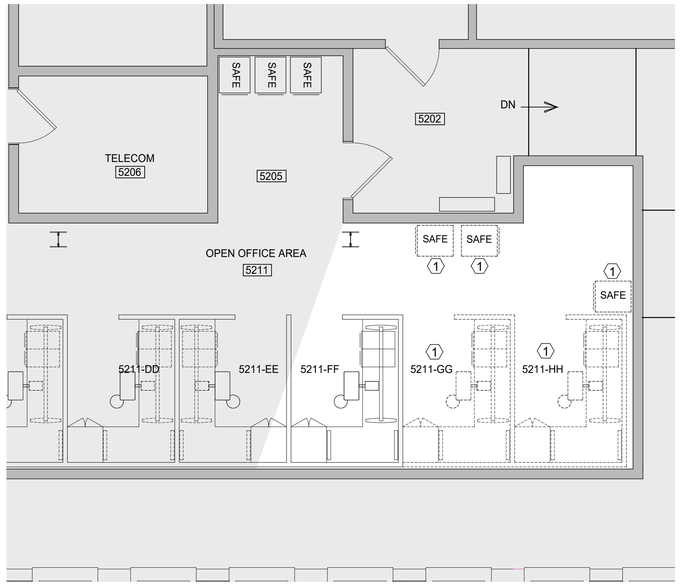
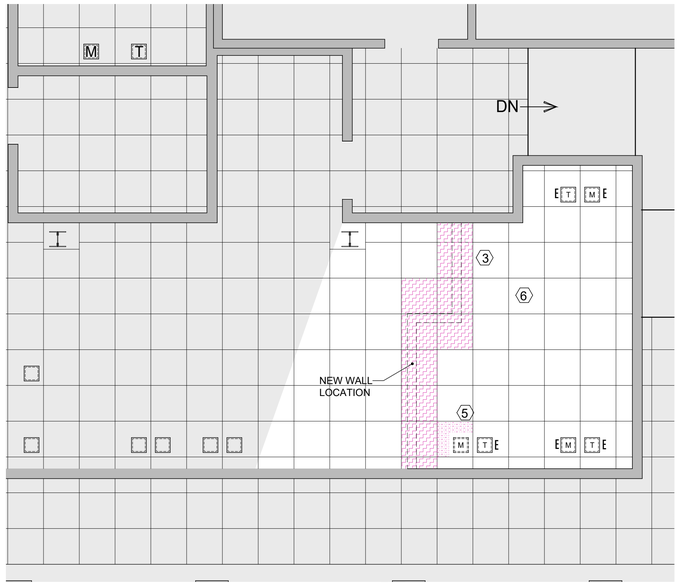
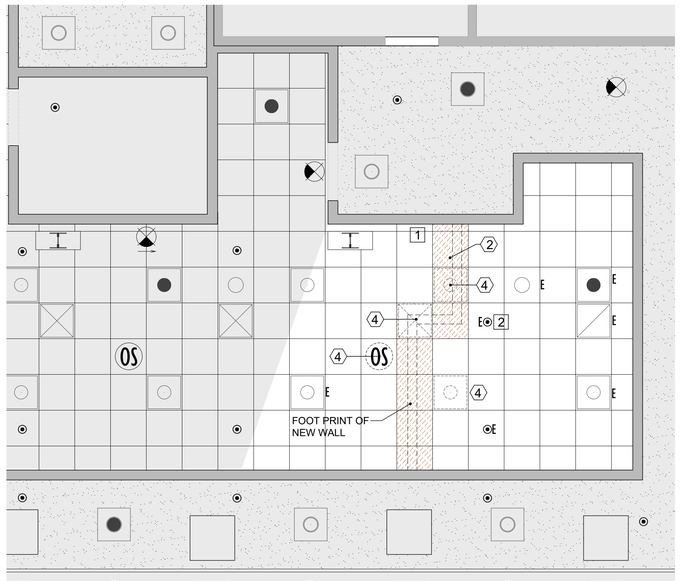
NORTH OFFICE 5211 GG



C-1 EXISTING AND DEMOLITION FLOOR PLAN
1/4" = 1'-0"

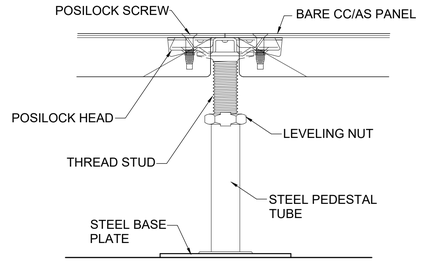


C-3 EXISTING AND DEMOLITION FLOOR PANEL SYSTEM
1/4" = 1'-0"



A-1 EXISTING AND DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"

CONCORE / ALL STEEL POSILOCK SYSTEM



B-4 FLOOR PANEL & POST NOMENCLATURE
NTS

SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOORS OUTSIDE THE AREA OF WORK TO REMAIN
- NOT IN THE SCOPE OF WORK
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL SYSTEM TO REMAIN
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL TO BE ADJUSTED TO EXTEND WALL DOWN TO TRUE FLOOR DECK
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL / DATA FLOOR BOXES TO BE RELOCATED
- EXISTING 24"x 24" CEILING ACT AND GRID TO REMAIN AS IS
- EXISTING 24"x 24" CEILING ACT AND GRID TO BE ADJUSTED TO EXTEND WALL TO TRUE CEILING DECK
- EXISTING SYSTEMS FURNITURE TO BE REMOVED BY TREASURY

- EXISTING 2' x 2' LIGHT FIXTURE TO REMAIN AS IS
- EXISTING 2' x 2' LIGHT FIXTURE TO BE RELOCATED
- EXISTING 2' X 2' EMERGENCY LIGHT FIXTURE WITH INTEGRAL SELF TESTING / SELF DIAGNOSTIC BATTERY PACK TO REMAIN AS IS
- EXISTING SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA
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- EXISTING PERFORATED CEILING PANEL RETURN, 24" X 24" FACE AREA
- EXISTING OCCUPANCY SENSOR (CEILING MOUNTED)
- EXISTING OCCUPANCY CEILING SENSOR TO BE RELOCATED
- EXISTING SINGLE FACE EXIT SIGN
- EXISTING CEILING MOUNTED FIRE ALARM COMBINATION STROBE / HORN
- EXISTING SPRINKLER HEAD CEILING MOUNTED
- EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO REMAIN
- EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO BE RELOCATED

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
2. IN CASE OF CONFLICTS BETWEEN PLANS, KEY NOTES, SECTIONS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT APPLIES
3. ALL DIMENSIONS ARE GIVEN FROM FINISH WALL OR PARTITION TO FINISH WALL OR PARTITION
4. ALL WORK PROVIDED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY MARKED "EXISTING", "EXTG", OR "(E)"
5. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
6. THE CONTRACTOR SHALL CLEAN UP ALL ACTIVE WORK AREAS AFTER EACH DAY'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMO- VAL AND PROPER DISPOSAL OF ALL WORK RELATED TRASH AND DEBRIS
7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

DEMOLITION NOTES

1. TREASURY WIL REMOVE SYSTEMS FURNITURE AND SYSTEMS PARTITIONS FROM PROJECT AREA. GC TO RELOCATE THE SAFES WITHIN THE SUITE. LOCATION TBD
2. MODIFY EXISTING SUSPENDED CEILING GRID AND ACT AS NEEDED TO EXTEND WALL TO CEILING DECK (EXACT CONDITION TO BE VERIFIED)
3. MODIFY EXISTING FLOOR PANEL SYSTEM & CARPET AS NEEDED TO ALLOW FOR THE CONSTRUCTION OF A NEW WALL EXTENDING FROM THE TRUE CEILING DOWN TO FLOOR DECK. REMOVE CARPET GLUE AND CLEAN FLOOR PANELS AS NEEDED.
4. EXISTING LIGHT FIXTURE AND/OR DIFFUSER TO BE REMOVED AND RELOCATED
5. RELOCATE FLOOR BOX TO ALLOW FOR DESK INSTALLATION
6. SINCE CARPET HAS BEEN DISCONTINUED, SAVE ALL REMOVED CARPET FOR REINSTALLATION

KEY NOTES

1. PROTECT EXISTING WALLS. REPAIR / REFINISH IF DAMAGED AS NEEDED
2. FIRE PROTECTION SYSTEM TO REMAIN AS IS, THOUGH POSSIBLY ONE MORE HEAD WILL HAVE TO BE ADDED AS PER NFPA-13. (FP CONTRACTOR TO VERIFY) SEE NEW RCP

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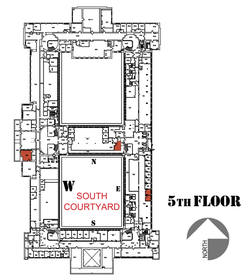

REVISION NOTES

DATE	MARK	DESCRIPTION

1/4" =1'-0"

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	CONS. WORK	
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	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	EXISTING AND DEMOLITION
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	AD 102
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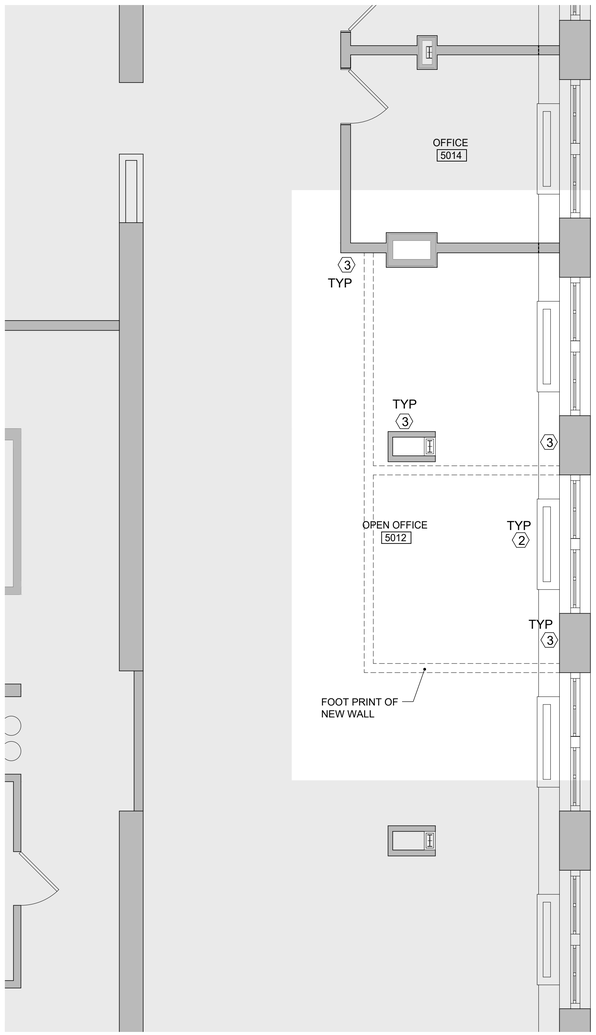
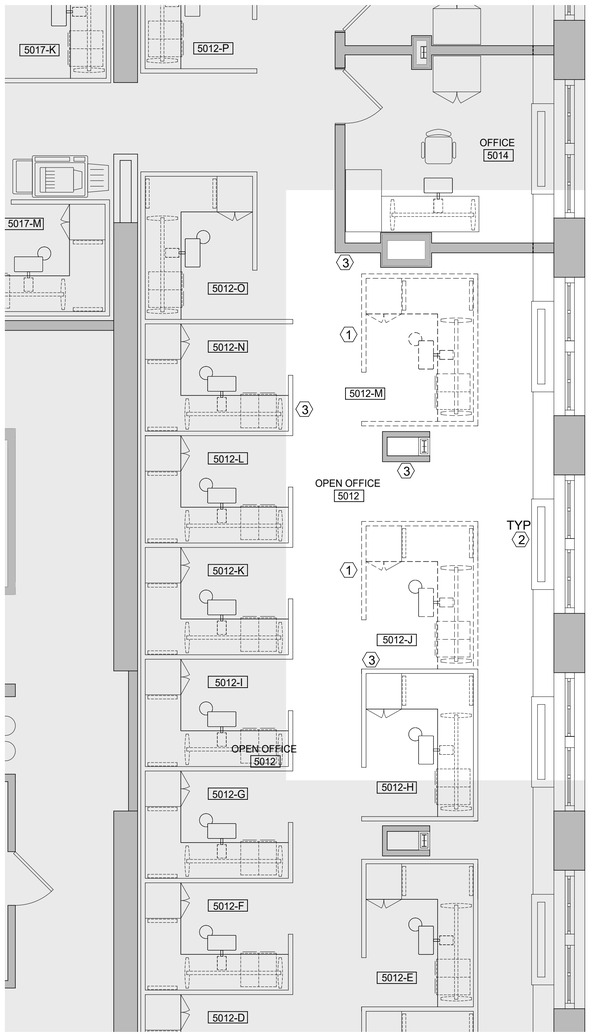
		SHEET 05 OF 43

EAST OFFICES 5012 J & 5012 M



A-1 EXISTING AND DEMOLITION FLOOR PLAN
1/4" = 1'-0"



C-3 EXISTING AND DEMOLITION FLOOR PLAN WITH FURNITURE
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
2. IN CASE OF CONFLICTS BETWEEN PLANS, KEY NOTES, SECTIONS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT APPLIES
3. ALL DIMENSIONS ARE GIVEN FROM FINISH WALL OR PARTITION TO FINISH WALL OR PARTITION
4. ALL WORK PROVIDED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY MARKED "EXISTING", "EXTG", OR "(E)"
5. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
6. THE CONTRACTOR SHALL CLEAN UP ALL ACTIVE WORK AREAS AFTER EACH DAY'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMO- VAL AND PROPER DISPOSAL OF ALL WORK RELATED TRASH AND DEBRIS
7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLA- CED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

DEMOLITION NOTES

1. TREASURY WILL REMOVE SYSTEMS FURNITURE AND SYSTEMS PARTITIONS FROM PROJECT AREA
2. PROTECT MILLWORK AND WINDOWS DURING CONSTRUCTION
3. PROTECT EXISTING WALLS AND SYSTEMS FURNITURE. REPAIR / REFINISH IF DAMAGED AS NEEDED

KEY NOTES

SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOORS OUTSIDE THE AREA OF WORK TO REMAIN
- EXISTING DOOR WITHIN THE AREA OF WORK TO BE REMOVED
- NOT IN THE SCOPE OF WORK
- EXISTING SYSTEMS FURNITURE TO BE REMOVED BY TREASURY

MERIDIEN GROUP

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LEESBURG, VA 20175
(703) 777-8285
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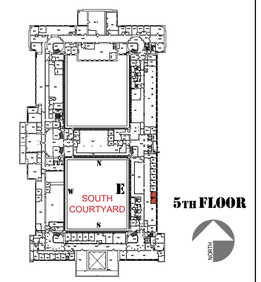
DCA CITADEL
ARCHITECTURE | HISTORIC PRESERVATION | PLANNING | DESIGN

CERTIFICATIONS

KEY PLAN



REVISION NOTES

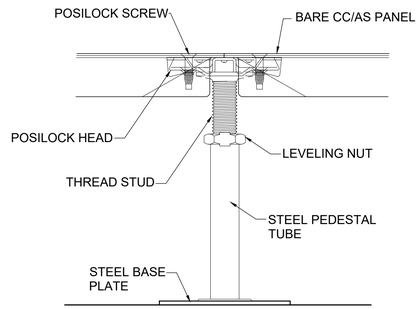
DATE	MARK	DESCRIPTION

1/4" =1'-0"
30" 18" 6"
3' 2' 1' 0 2' 4' 6' 8'
CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

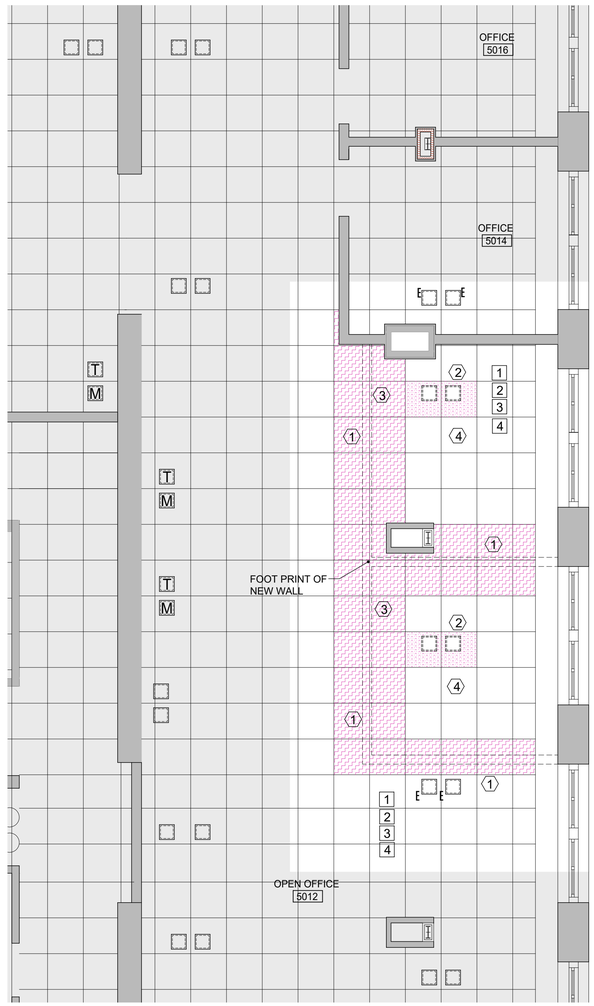
CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR OFFICES ROOM 5012J & 5012M
	PROJECT DESCRIPTION	ENCLOSE A PORTION OF THE OPEN OFFICE 5012 IN THE EAST WING TO CREATE TWO PRIVATE OFFICES
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	EXISTING AND DEMOLITION
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	AD 103
	DISCIPLINE SHEET TYPE SEQUENCE	
	SHEET 06 OF 43	

EAST OFFICES 5012 J & 5012 M

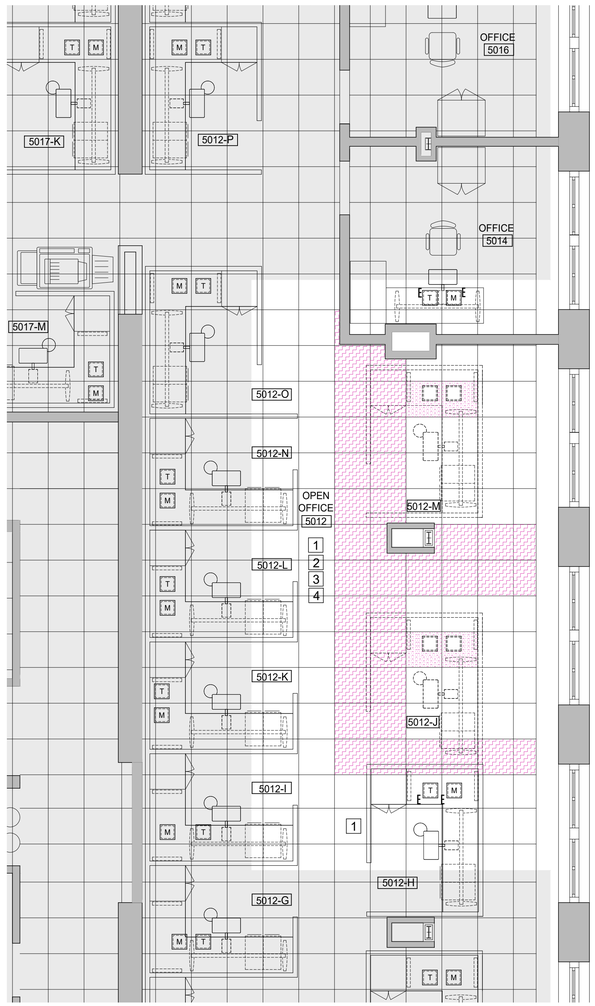
CONCORE / ALL STEEL POSILOCK SYSTEM



D-1 FLOOR PANEL & POST NOMENCLATURE
NTS



A-1 EXISTING AND DEMOLITION FLOOR PANEL SYSTEM
1/4" = 1'-0"



A-3 EXISTING AND DEMOLITION FLOOR PANEL SYSTEM WITH FURNITURE
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
2. IN CASE OF CONFLICTS BETWEEN PLANS, KEY NOTES, SECTIONS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT APPLIES
3. ALL DIMENSIONS ARE GIVEN FROM FINISH WALL OR PARTITION TO FINISH WALL OR PARTITION
4. ALL WORK PROVIDED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY MARKED "EXISTING", "EXTG", OR "(E)"
5. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
6. THE CONTRACTOR SHALL CLEAN UP ALL ACTIVE WORK AREAS AFTER EACH DAY'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMO- VAL AND PROPER DISPOSAL OF ALL WORK RELATED TRASH AND DEBRIS
7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLA- CED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

DEMOLITION NOTES

1. MODIFY EXISTING FLOOR PANEL SYSTEM & CARPET AS NEEDED TO ALLOW FOR A NEW WALL TO EXTEND DOWN TO FLOOR DECK. REMOVE CARPET GLUE AND CLEAN FLOOR PANELS AS NEEDED
2. RELOCATE FLOOR BOX TO ALLOW FOR DESK INSTALLATION
3. REMOVE EXISTING FLOOR PANEL SYSTEM & CARPET AS NEEDED TO ALLOW FOR A NEW WALL PORTION TO EXTEND FROM UNDER NEW DOOR WALL TO FLOOR DECK. PANEL ARE TO BE REINSTALLED UNALTERED. REMOVE CARPET GLUE AND CLEAN FLOOR PANELS AS NEEDED.
4. SINCE CARPET HAS BEEN DISCONTINUED, SAVE ALL REMOVED CARPET FOR REINSTALLATION

KEY NOTES

1. EXISTING FLOOR PANEL SYSTEM TO REMAIN AS IS EXCEPT WHERE NOTED
2. PROTECT EXISTING WALLS. REPAIR / REFINISH IF DAMAGED AS NEEDED
3. FLOOR BOXES TO REMAIN UNCHANGED EXCEPT AS NOTED
4. PROTECT REMAINING ELECTRICAL FLOOR BOXES DURING CONSTRUCTION

SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOORS OUTSIDE THE AREA OF WORK TO REMAIN
- NOT IN THE SCOPE OF WORK
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL SYSTEM TO REMAIN
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL TO BE ADJUSTED TO EXTEND WALL DOWN TO TRUE FLOOR DECK
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL / DATA FLOOR BOXES TO BE RELOCATED
- EXISTING 24"x 24" CEILING ACT AND GRID TO REMAIN AS IS
- EXISTING 24"x 24" CEILING ACT AND GRID TO BE ADJUSTED TO EXTEND WALL TO TRUE CEILING DECK
- EXISTING SYSTEMS FURNITURE TO BE REMOVED BY TREASURY
- EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO REMAIN
- EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO BE RELOCATED

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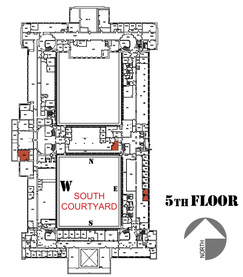
CERTIFICATIONS

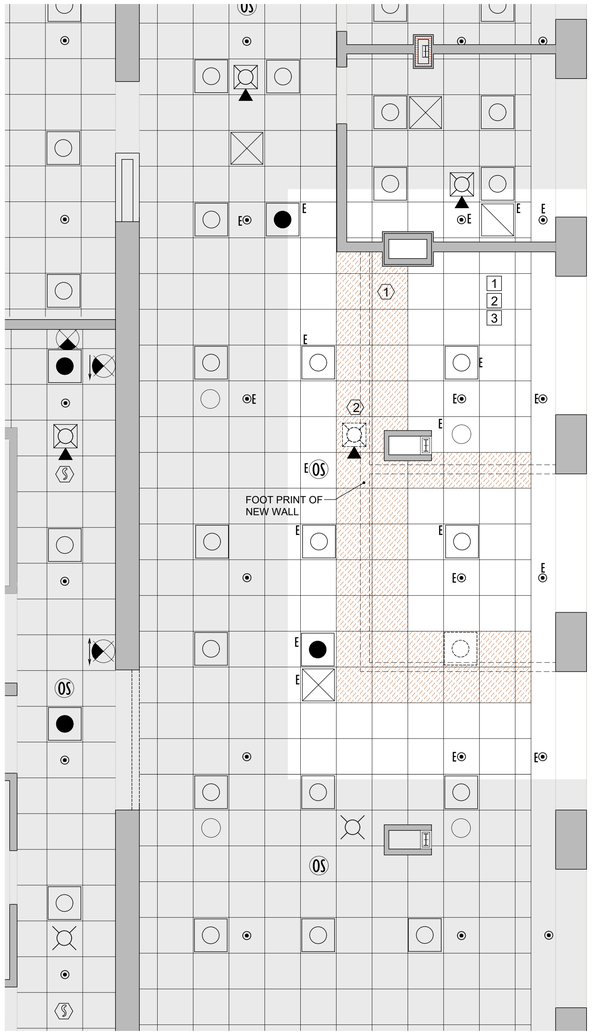


REVISION NOTES	DATE	MARK	DESCRIPTION

1/4" =1'-0"

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	EXISTING AND DEMOLITION
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	AD 104
	DISCIPLINE	SHEET TYPE SEQUENCE
	SHEET	07 OF 43

EAST OFFICES 5012 J & 5012 M



CEILING 9'-1 1/4"
WINDOW OPENINGS EA @ ± 6'-4 3/8" (h) x ± 7' 8 3/8" (w) / SILL @ 43 ½" AFF

A-1 EXISTING AND DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
2. IN CASE OF CONFLICTS BETWEEN PLANS, KEY NOTES, SECTIONS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT APPLIES
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4. ALL WORK PROVIDED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY MARKED "EXISTING", "EXTG", OR "(E)"
5. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
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7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLA- CED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

DEMOLITION NOTES

(1) MODIFY EXISTING ACT AND GRID AS NEEDED TO ALLOW FOR A NEW WALL TO EXTEND DOWN TO CEILING DECK.

(2) EXISTING DEVICE TO BE REMOVED AND RELOCATED

KEY NOTES

1 PROTECT EXISTING WALLS. REPAIR / REFINISH IF DAMAGED AS NEEDED

2 FIRE PROTECTION SYSTEM TO REMAIN AS IS.

3 EXISTING CEILING MOUNTED DEVICES (LUMINARIES, DIFFUSERS, OCCUPANCY SENSORS, FP EQUIPMENT, ETC.) TO REMAIN EXCEPT WHERE NOTED

SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- EXISTING DOORS OUTSIDE THE AREA OF WORK TO REMAIN
- NOT IN THE SCOPE OF WORK
- EXISTING 24"x 24" CEILING ACT AND GRID TO REMAIN AS IS
- EXISTING 24"x 24" CEILING ACT AND GRID TO BE ADJUSTED TO EXTEND WALL TO TRUE CEILING DECK
- E EXISTING 2' x 2' LIGHT FIXTURE TO REMAIN AS IS
- EXISTING 2' x 2' LIGHT FIXTURE TO BE RELOCATED
- E EXISTING 2' X 2' EMERGENCY LIGHT FIXTURE WITH INTEGRAL SELF TESTING / SELF DIAGNOSTIC BATTERY PACK TO REMAIN AS IS
- E EXISTING SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA
- EXISTING SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA TO BE RELOCATED
- E EXISTING PERFORATED CEILING PANEL RETURN, 24" X 24" FACE AREA
- OS E EXISTING OCCUPANCY SENSOR (CEILING MOUNTED)
- OS EXISTING OCCUPANCY CEILING SENSOR TO BE RELOCATED
- E EXISTING SINGLE FACE EXIT SIGN
- E EXISTING CEILING MOUNTED FIRE ALARM COMBINATION STROBE / HORN
- EXISTING CEILING MOUNTED FIRE ALARM COMBINATION STROBE / HORN TO BE RELOCATED
- E EXISTING SPRINKLER HEAD CEILING MOUNTED

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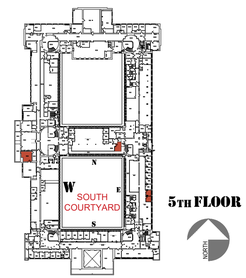
CERTIFICATIONS



REVISION NOTES	DATE	MARK	DESCRIPTION

1/4" =1'-0"

CONTRACTORS		
	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	

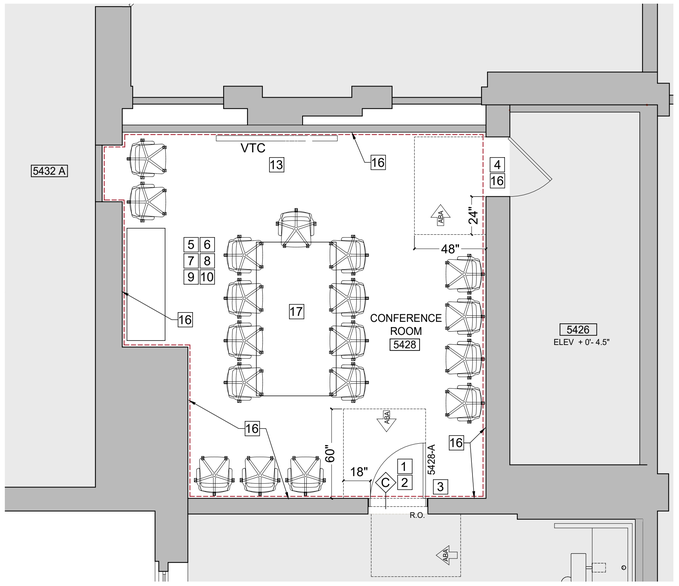
BUILDING		
	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	

PROJECT		
	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026

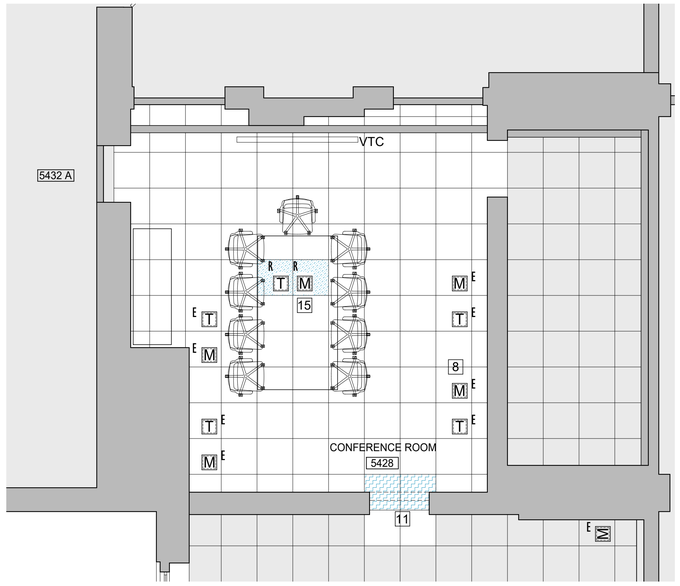
DRAWING		
	DRAWING TITLE	EXISTING AND DEMOLITION
	FILE NAME	
	FLOOR NO..	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	AD 105

DISCIPLINE SHEET TYPE SEQUENCE
SHEET 08 OF 43

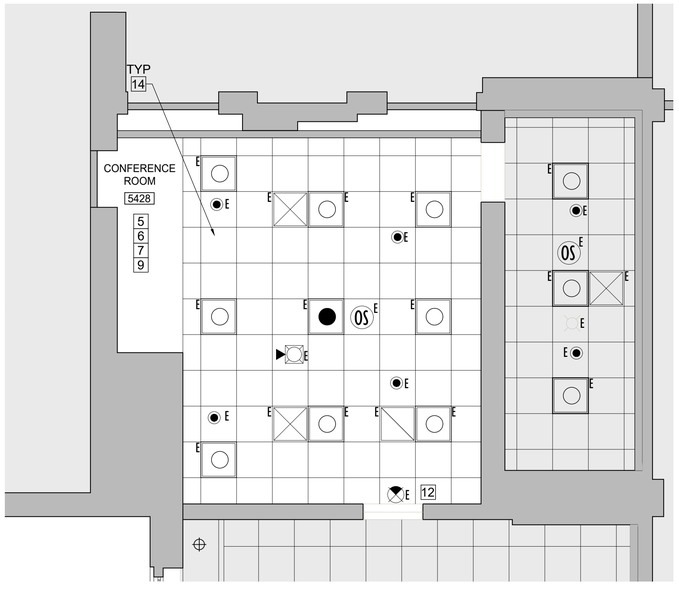
WEST CONFERENCE ROOM 5428



C-1 NEW CONFERENCE ROOM
1/4" = 1'-0"



C-3 FLOOR PANEL SYSTEM
1/4" = 1'-0"



A-1 REFLECTED CEILING PLAN
1/4" = 1'-0"

LEGEND

- EXISTING WALLS TO REMAIN
- NEW STC-50 WALL
- SECURE TEMPEST PERIMETER
- NOT IN THE SCOPE OF WORK
- EXISTING DOORS OUTSIDE THE AREA OF WORK TO REMAIN
- XXXA — NEW 1 3/4" ACOUSTIC STEEL DOOR & FRAME STC-50 SOUND GROUP 4. DOOR LEAF AND FRAME MUST BE PURCHASED TOGETHER AS A SET
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL SYSTEM TO REMAIN
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL SYSTEM TO REMAIN
- ADJUSTED EXISTING FLOOR PANEL ALLOWING FOR WALL TO EXTEND DOWN TO TRUE FLOOR DECK
- E — EXISTING SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA
- E — EXISTING PERFORATED CEILING PANEL RETURN, 24" X 24" FACE AREA
- E — EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO REMAIN
- R — RELOCATED ELECTRICAL / DATA FLOOR BOX W/ COVER
- E — EXISTING 2' x 2' LIGHT FIXTURE
- E — EXISTING 2' X 2' EMERGENCY LIGHT FIXTURE WITH INTEGRAL SELF TESTING / SELF DIAGNOSTIC BATTERY PACK
- E OS — EXISTING OCCUPANCY SENSOR (CEILING MOUNTED)
- E — EXISTING SINGLE FACE EXIT SIGN
- E — EXISTING CEILING MOUNTED FIRE ALARM COMBINATION STROBE / HORN
- E — EXISTING SPRINKLER HEAD CEILING MOUNTED

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
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8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

KEY NOTES

1. THE PARTITION WHERE NEW STC-50 DOOR IS INSTALLED MUST BE STC-50 SOUND GROUP 4, EXTENDING FROM T.O. TRUE FLOOR TO B.O. TRUE CEILING IN COMPLIANCE W/ ICD/ICS 705. PROVIDE A CONTINUOUS BEAD OF ACOUSTICAL CAULK AT ALL INTERSECTIONS W/ OTHER SURFACES (VERTICAL AND HORIZONTAL BOTH SIDES). WALL MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF ROOF PLATE (TRUE CEILING).
2. NEW 1 3/4" ACOUSTIC STEEL DOOR & STEEL SPLIT FRAME (14 GA MIN) STC-50 SOUND GROUP 4. STC-50 DOOR LEAF MUST BE PURCHASED AS A SET WITH THE DOOR FRAME. THE FRAME MUST HAVE ALL VOIDS IN THE HEAD AND JAMBS PACKED W/ 6 TO 12 LB DENSITY MINERAL WOOL. FRAMES MUST HAVE CONTINUOUS CONTACT FLANGE TO INTERFACE WITH RF SHIELDING MATERIAL ON WALLS AND FLOOR. SEAL DOOR FRAME WITH RF CONDUCTIVE MASK AND PEEL TAPE (STOP SIDE TRIM) TO MEET TEMPEST. INSTALL DOOR AND HARDWARE AS PER DOOR AND HARDWARE SCHEDULES. HARDWARE MUST MEET FEDERAL SPECIFICATION FF-L-2740 / UL 2050.
3. PROVIDE DOOR CASING TO MATCH EXISTING DOORS
4. EXISTING DOOR ASSEMBLY & CASING TO REMAIN. ASSEMBLY IS STC-50 BUT THE FRAME WILL NEED TO BE ALTERED TO COMPLY WITH TEMPEST
5. MECHANICAL EQUIPMENT AND DUCT WORK TO REMAIN UNALTERED.
6. FIRE PROTECTION & FIRE ALARM SYSTEMS TO REMAIN UNALTERED.
7. POWER AND LIGHTING SYSTEMS TO REMAIN UNALTERED.
8. FLOOR PANEL SYSTEM TO REMAIN UNALTERED EXCEPT WHERE NOTED
9. CEILING ACT & GRID TO REMAIN UNALTERED EXCEPT WHERE NOTED
10. IF ADDITIONAL ELECTRICAL / TELECOM WALL OUTLETS ARE NEEDED, THEY MUST BE SURFACE MOUNTED
11. REMOVE EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"X 24" FLOOR PANEL SYSTEM TO ALLOW FOR THE CONSTRUCTION OF A PORTION OF WALL FROM THE UNDERSIDE OF THE FLOOR PANEL DOWN TO THE TRUE FLOOR DECK PANELS SHOULD BE REINSTALLED ONCE WALL IS COMPLETED. ALL JOINTS ARE TO BE SEALED WITH ACOUSTICAL CAULK.
12. ADJUST ACT AND GRID IF NEEDED TO ALLOW FOR WALL TO EXTEND UP TO THE UNDERSIDE OF THE CEILING DECK (TRUE CEILING.)
13. MONITOR W / WO CAMERA SPECIFICATIONS: MOUNTING HEIGHT, MONITOR'S SIZES AND MOUNTING SUPPORTS TO BE DETERMINED BY TREASURY
14. CEILING HEIGHT @ 8'-8" AFF
15. RELOCATED FLOOR BOXES TO SERVICE THE TABLE
16. INSTALL EMI CONDUCTIVE FABRIC OR EMI SHIELDING LAMINATE AS FOLLOWS:
    A. SHIELDING IS TO BE INSTALLED ON TOP OF THE INTERIOR GWB LAYER OR PLASTER CONTINUOUSLY (DO NOT DEMO GWB);
    B. INSTALL SHIELDING FULL WALL HEIGHT FROM FLOOR DECK TO CEILING DECK CONTINUOUSLY (SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF PERIMETER WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING);
    C. OVERLAP SHIELDING AT CEILING AND FLOOR DECK AS RECOMMENDED BY MANUFACTURER;
    D. OVERLAP SHIELDING SHEETS AS RECOMMENDED BY FOIL MANUFACTURER;
    E. USE THE GLUE RECOMMENDED BY SHIELDING MANUFACTURER
    F. GROUND RF SHIELDING
    G. FINISH WITH P-1

    SUBMIT PRODUCT CUTSHEETS FOR APPROVAL
17. TREASURY TO PROVIDE AND INSTALL ALL FURNITURE

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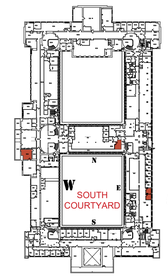
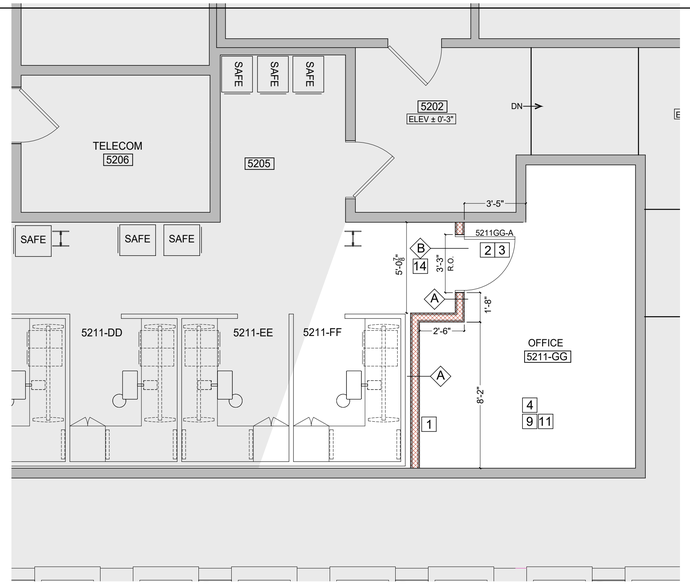


REVISION NOTES	DATE	MARK	DESCRIPTION

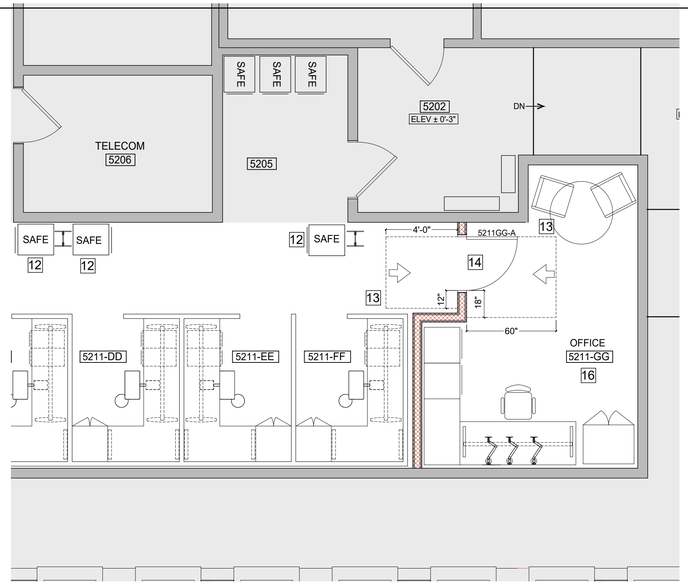
1/4" =1'-0"
3" 2" 1" 0 2' 4' 6' 8'
CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	WEST WING NEW WORK: CONFERENCE ROOM
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A-101
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 09 OF 43

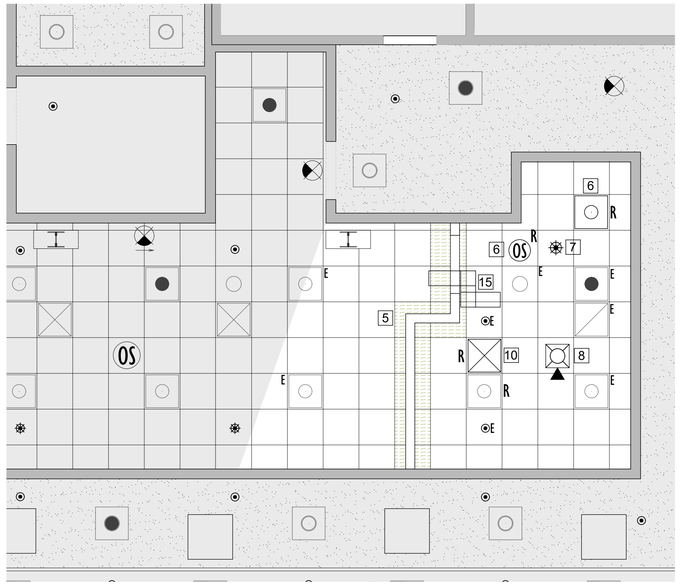
NORTH OFFICE 5211 GG



C-1 NEW SECURE OFFICE 5211GG
1/4" = 1'-0"



C-3 NEW SECURE OFFICE 5211GG WITH FURNITURE
1/4" = 1'-0"



A-1 NEW REFLECTED CEILING PLAN
1/4" = 1'-0"

LEGEND

- EXISTING WALLS TO REMAIN
- NEW STC-50 WALL
- NOT IN THE SCOPE OF WORK
- EXISTING DOORS OUTSIDE THE AREA OF WORK TO REMAIN
- XXX.A NEW 1 3/4" ACOUSTIC DOOR & FRAME STC-50 SOUND GROUP 4. DOOR LEAF AND FRAME MUST BE PURCHASED TOGETHER AS A SET
- EXISTING 24"x 24" CEILING ACT AND GRID TO REMAIN AS IS
- RECONFIGURED 24"x 24" CEILING ACT AND GRID
- E EXISTING SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA
- E EXISTING PERFORATED CEILING PANEL RETURN, 24" X 24" FACE AREA
- R RELOCATED SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA
- E EXISTING 2' x 2' LIGHT FIXTURE
- E EXISTING 2' X 2' EMERGENCY LIGHT FIXTURE WITH INTEGRAL SELF TESTING / SELF DIAGNOSTIC BATTERY PACK
- R RELOCATED 2' x 2' LIGHT FIXTURE
- OS E EXISTING OCCUPANCY SENSOR (CEILING MOUNTED)
- OS R EXISTING RELOCATED OCCUPANCY SENSOR (CEILING MOUNTED)
- E EXISTING SINGLE FACE EXIT SIGN
- CD C NEW CEILING MOUNTED FIRE ALARM COMBINATION STROBE / HORN CD= CANDELA RATING
- E EXISTING SPRINKLER HEAD CEILING MOUNTED
- NEW SPRINKLER HEAD CEILING MOUNTED
- Z-DUCT

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
2. IN CASE OF CONFLICTS BETWEEN PLANS, KEY NOTES, SECTIONS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT APPLIES
3. ALL DIMENSIONS ARE GIVEN FROM FINISH WALL OR PARTITION TO FINISH WALL OR PARTITION
4. ALL WORK PROVIDED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY MARKED "EXISTING", "EXTG", OR "(E)"
5. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
6. THE CONTRACTOR SHALL CLEAN UP ALL ACTIVE WORK AREAS AFTER EACH DAY'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMO- VAL AND PROPER DISPOSAL OF ALL WORK RELATED TRASH AND DEBRIS
7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

KEY NOTES

1. NEW PARTITION MUST MEET STC-50 SOUND GROUP 4 REQUIREMENTS EXTENDING FROM T.O. TRUE FLOOR TO B.O. TRUE CEILING IN COMPLIANCE W/ ICD/ICS 705. PROVIDE A CONTINUOUS BEAD OF ACOUSTICAL CAULK AT ALL INTERSECTIONS W/ OTHER SURFACES (VERTICAL AND HORIZONTAL BOTH SIDES). WALL MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDERSIDE OF ROOF PLATE (TRUE CEILING).
2. NEW 1 3/4" ACOUSTIC WOOD-CLAD DOOR & STEEL FRAME (14GA MIN) STC-50 SOUND GROUP 4. STC-50 DOOR LEAF MUST BE PURCHASED AS A SET WITH THE DOOR FRAME. INSTALL DOOR AND FRAME AS PER DETAILS ON A-502. FINISH DOOR AND FRAME AS PER SCHEDULES. INSTALL HARDWARE AS PER HARDWARE SCHEDULES. HARDWARE MUST MEET FEDERAL SPECIFICATION FF-L-2740 / UL 2050.
3. PROVIDE DOOR CASING TO MATCH EXISTING DOORS
4. PROVIDE NEW WOOD BASEBOARD TO MATCH EXISTING
5. MODIFY EXISTING CEILING ACT & GRID ON BOTH SIDES OF NEW PARTITION AS NEEDED TO ALLOW FOR NEW PARTITION TO EXTEND UP TO THE UNDERSIDE OF THE CEILING DECK (TRUE CEILING.)
6. RELOCATE LIGHT FIXTURE AND OCCUPANCY SENSOR AS DEPICTED.
7. FIRE PROTECTION: ONE ADDITIONAL SPRINKLER HEAD AS DEPICTED MIGHT BE NEEDED. GC TO VERIFY
8. NEW FIRE ALARM DEVICE WALL OR CEILING MOUNTED (CEILING MOUNTED DEVICE DEPICTED)
9. POWER SYSTEM TO REMAIN UNALTERED. HOWEVER, IF ADDITIONAL WALL OUTLETS ARE NEEDED, THEY MUST BE SURFACE MOUNTED
10. RELOCATE DIFFUSER AS DEPICTED AND MODIFY MECHANICAL DUCTWORK AS NEEDED
11. TELECOM / DATA SYSTEMS TO REMAIN UNALTERED
12. RELOCATE SAFES AS SHOWN
13. MAINTAIN ADA/ABA CLEARANCES AS DEPICTED
14. PORTION OF WALL FROM THE UNDERSIDE OF THE FLOOR PANEL DOWN TO THE TRUE FLOOR DECK AND ABOVE DOOR HEAD TO TRUE CEILING MUST COMPLY WITH STC-50 SOUND LEVEL 4 STANDARDS.
15. INSTALL Z-DUCT. SEE MECHANICAL DRAWINGS
16. TREASURY TO PROVIDE AND INSTALL ALL FURNITURE

MERIDIEN GROUP

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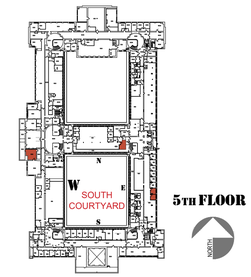
CERTIFICATIONS



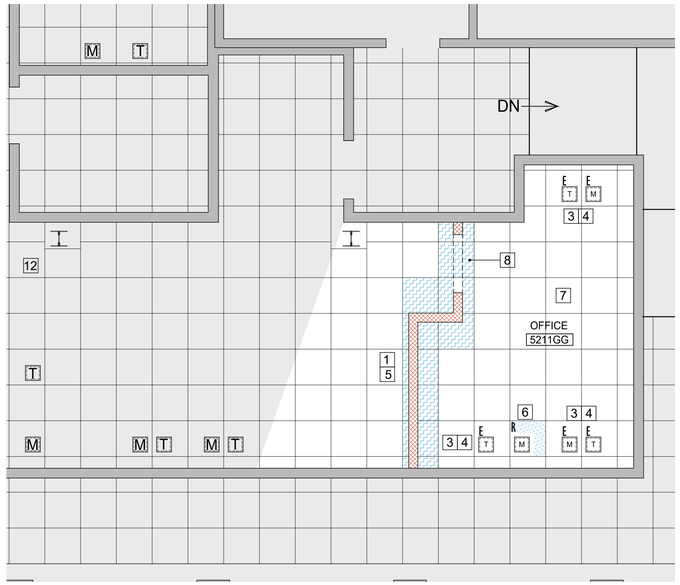
5TH FLOOR

REVISION NOTES	DATE	MARK	DESCRIPTION

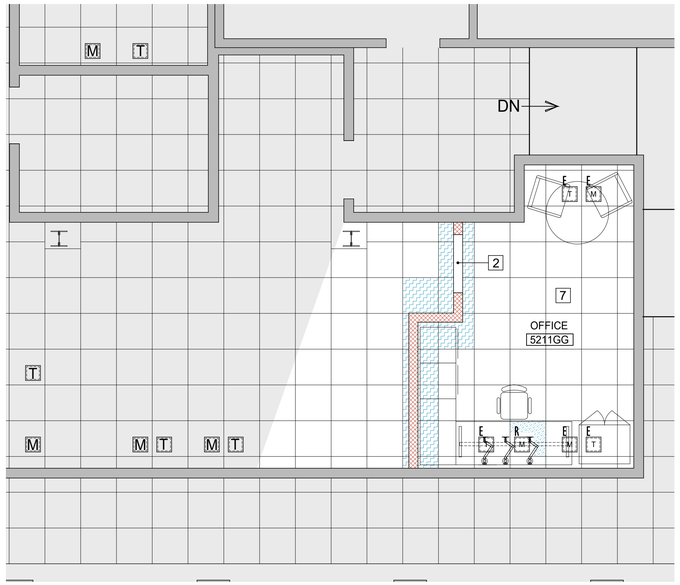
1/4" =1'-0"
3" 2" 1" 0 2" 4" 6" 8"
30" 18" 6"

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	MIDDLE WING NEW WORK FLOOR PLAN & RCP
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 102
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 10 OF 43

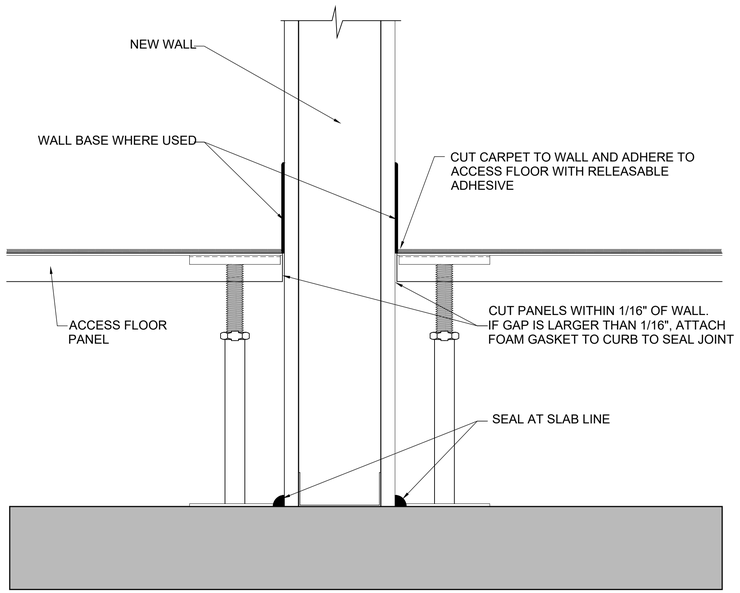
NORTH OFFICE 5211 GG



C-1 FLOOR PLAN WITH ADJUSTED FLOOR PANEL SYSTEM
1/4" = 1'-0"



C-3 FLOOR PLAN WITH ADJUSTED FLOOR PANEL SYSTEM AND FURNITURE
1/4" = 1'-0"



A-1 ACCESS FLOOR PERIMETER SEAL W/ WALL BASE
NTS

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
2. IN CASE OF CONFLICTS BETWEEN PLANS, KEY NOTES, SECTIONS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT APPLIES
3. ALL DIMENSIONS ARE GIVEN FROM FINISH WALL OR PARTITION TO FINISH WALL OR PARTITION
4. ALL WORK PROVIDED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY MARKED "EXISTING", "EXTG", OR "(E)"
5. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
6. THE CONTRACTOR SHALL CLEAN UP ALL ACTIVE WORK AREAS AFTER EACH DAY'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMO- VAL AND PROPER DISPOSAL OF ALL WORK RELATED TRASH AND DEBRIS
7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLA- CED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

KEY NOTES

1. MODIFIED EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"X 24" FLOOR PANEL SYSTEM WHERE DEPICTED TO ALLOW NEW WALL TYPE A TO EXTEND TO TRUE FLOOR DECK
2. ALUMINUM THRESHOLD (INTEGRAL PART OF STC-50 DOOR ASSEMBLY) INSTALLED ON TOP OF THE FLOOR PANEL
3. POWER FLOOR BOX TO REMAIN UNALTERED UNLESS NOTED OTHERWISE
4. TELECOM / DATA FLOOR BOX TO REMAIN UNALTEREDUNLESS NOTED OTHERWISE
5. RECONFIGURE CARPET TILE AFTER WALL IS CONSTRUCTED AND THE ADJUSTED FLOOR PANELS ARE IN PLACE. REINSTALL CARPET WITH FRESH ADHESIVE AS PER MANUFACTURER RECOMMENDATION AFTER PANEL HAS BEEN CLEANED AND IS FREE OF GLUE AND DEBRIS. FLOOR MUST BE LEVEL.

   SINCE CARPET HAS BEEN DISCONTINUED, SAVE ALL REMOVED CARPET FOR REINSTALLATION
6. RELOCATED FLOOR BOX. VERIFY THAT NO PART OF THE SYSTEMS FURNITURE IS IN CONFLICT WITH THE DEPICTED BOX LOCATION. MODIFY LOCATION IF NEEDED
7. EXISTING FLOOR PANEL SYSTEM TO REMAIN AS IS EXCEPT WHERE NOTED
8. REMOVE EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"X 24" FLOOR PANEL SYSTEM TO ALLOW FOR THE CONSTRUCTION OF A PORTION OF WALL FROM THE UNDERSIDE OF THE FLOOR PANEL DOWN TO THE TRUE FLOOR DECK PANELS SHOULD BE REINSTALLED ONCE WALL IS COMPLETED. ALL JOINTS ARE TO BE SEALED WITH ACOUSTICAL CAULK.

LEGEND

- EXISTING WALLS TO REMAIN
- NEW STC-50 WALL
- NOT IN THE SCOPE OF WORK
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL SYSTEM TO REMAIN
- ADJUSTED EXISTING FLOOR PANEL ALLOWING FOR WALL TO EXTEND DOWN TO TRUE FLOOR DECK
- RELOCATED EXISTING FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL / DATA FLOOR BOXES
- E — EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO REMAIN
- R — RELOCATED ELECTRICAL / DATA FLOOR BOX W/ COVER

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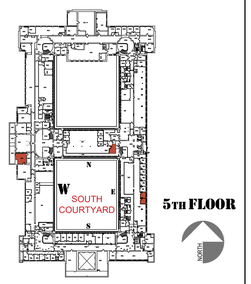
CERTIFICATIONS



REVISION NOTES	DATE	MARK	DESCRIPTION

1/4" =1'-0"

3" 1'-6" 0 2' 4' 6' 8'
3' 2' 1'

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	NEW WORK MIDDLE WING: FLOOR PANELS
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 103
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 11 OF 43

EAST OFFICES 5012 J & 5012 M

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
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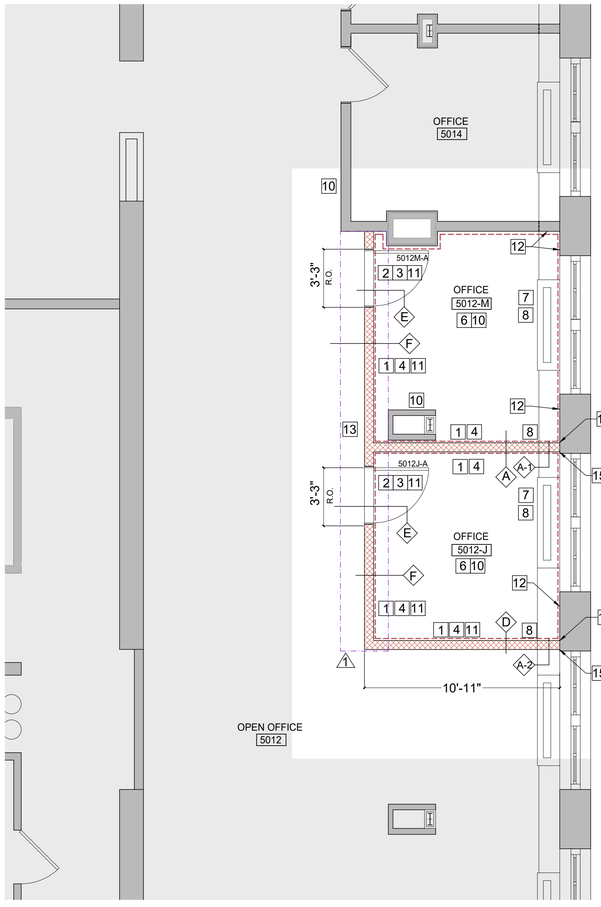
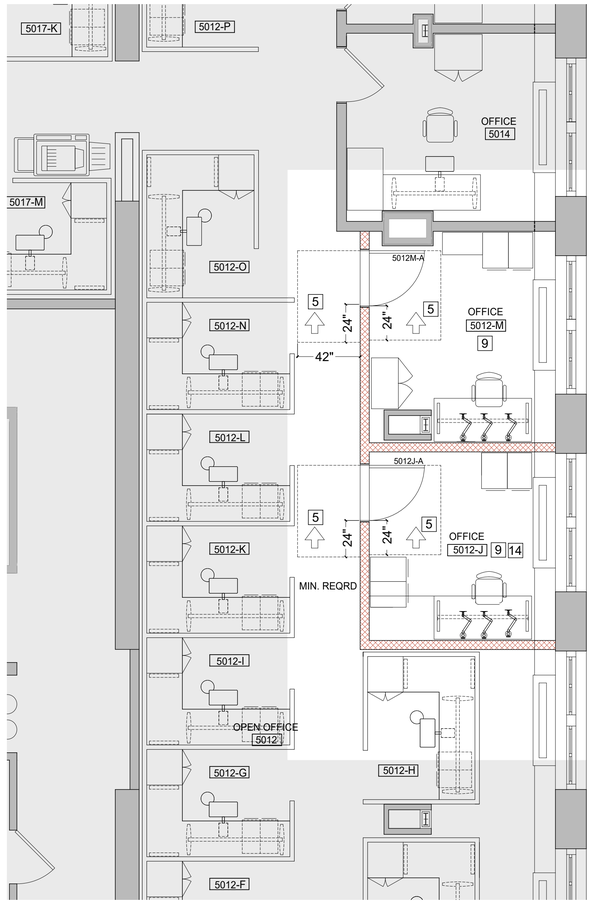
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.



A-1 NEW OFFICES FLOOR PLAN
1/4" = 1'-0"



C-3 NEW FLOOR OFFICES FLOOR PLAN WITH FURNITURE
1/4" = 1'-0"

KEY NOTES

1. NEW PARTITION MUST MEET STC-50 SOUND GROUP 4 REQUIREMENTS EXTENDING FROM T.O. TRUE FLOOR TO B.O. TRUE CEILING IN COMPLI- ANCE W/ ICD/ICS 705. PROVIDE A CONTINUOUS BEAD OF ACOUSTICAL CAM ULK AT ALL INTERSECTIONS W/ OTHER SURFACES (VERTICAL AND HORIZONTAL BOTH SIDES). WALL MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF ROOF PLATE (TRUE CEILING).
2. NEW 1 3/4" ACOUSTIC STEEL DOOR & STEEL SPLIT FRAME (14 GA MIN) STC-50 SOUND GROUP 4. STC-50 DOOR LEAF MUST BE PURCHASED AS A SET WITH THE DOOR FRAME. THE FRAME MUST HAVE ALL VOIDS IN THE HEAD AND JAMBS PACKED W/ 6 TO 12 LB DENSITY MINERAL WOOL. FRAMES MUST HAVE CONTINUOUS CONTACT FLANGE TO INTERFACE WITH RF SHIELDING MATERIAL ON WALLS AND FLOOR. SEAL DOOR FRAME WITH RF CONDUCTIVE MASK AND PEEL TAPE (STOP SIDE TRIM) TO MEET TEMPEST. INSTALL DOOR AND HARDWARE AS PER DOOR AND HARDWARE SCHEDULES. HARDWARE MUST MEET FEDERAL SPECIFICATION FF-L-2740 / UL 2050.
3. PROVIDE DOOR CASING TO MATCH EXISTING DOORS
4. PROVIDE NEW WOOD BASEBOARD TO MATCH EXISTING BOTH SIDES OF THE WALLS
5. MAINTAIN ADA/ABA CLEARANCES AS DEPICTED
6. POWER SYSTEM TO REMAIN UNALTERED. HOWEVER, IF ADDITIONAL WALL OUTLETS ARE NEEDED, THEY MUST BE SURFACE MOUNTED
7. EXISTING FCU'S TO REMAIN. COVER DURING CONSTRUCTION TO PREVENT DUST FROM ENTERING THE VENTS
8. EXISTING MILLWORK TO REMAIN UNALTERED. PROTECT DURING CONSTRUCTION. FRAME NEW PARTITION AROUND MILLWORK AS INDICATED IN SECTIONS & FRAMING PLAN. DO NOT ALTER MILLWORK.
9. INSTALL SYSTEMS FURNITURE AS MANUFACTURERS SPECIFICATIONS
10. PROTECT EXISTING WALLS. REPAIR / REFINISH IF DAMAGED AS NEEDED
11. INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY. INSTALL RFOIL AS FOLLOWS:
    A. SHIELDING IS TO BE INSTALLED BETWEEN THE INTERIOR GWB LAYERS CONTINUOUSLY;
    B. INSTALL SHIELDING FULL WALL HEIGHT FROM FLOOR DECK TO CEILING DECK CONTINUOUSLY (SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF PERIMETER WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING);
    C. OVERLAP FOIL MIN 8" AT CEILING DECK AND FLOOR DECK OR AS RECOMMENDED BY FOIL MANUFACTURER;
    D. OVERLAP FOIL SHEETS MIN 8" OR AS RECOMMENDED BY FOIL MANUFACTURER;
    E. USE THE GLUE RECOMMENDED BY FOIL MANUFACTURER
    F. GROUND RF SHIELDING

    SUBMIT PRODUCT CUTSHEETS FOR APPROVAL
12. INSTALL EMI CONDUCTIVE FABRIC OR EMI SHIELDING LAMINATE ON THE EXISTING PERIMETER WALLS OF THE NEW OFFICES CONTINUOUSLY AND GROUND (DO NOT DEMO DRYWALL). SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING. EMI FABRIC MUST OVERLAP RFOIL AT ALL THE INTERSECTIONS OF THE NEW WALLS/PARTITIONS AND THE EXISTING WALLS, AND IF POSSIBLE AT FLOOR AND CEILING.
13. STC-50 BULKHEAD TO ISOLATE EXISTING PIPES. PROVIDE STC-50 ACCESS PANELS AT ALL VALVES OPEN-OFFICE SIDE.
14. TREASURY TO PROVIDE AND INSTALL ALL FURNITURE
15. KEEP FINISH NEW WALL 1" AWAY FROM WINDOW RETURN TO ALLOW FOR CAULKING INTERSECTION CONTINUOUSLY. SEE KEY NOTE 16
16. CONTINUOUS CAULK AT ALL INTERSECTIONS BETWEEN THE PARTITION / WALL W/ OTHER SURFACES ON BOTH SIDES AIR TIGHT (HORIZONTAL-DECK OR VERTICAL- OTHER WALLS) WITH NON HARDENING CAULK SUCH AS:
    A. NON-HARDENING POLYURETHANE TYPE, ASTM C920, TYPE M, CLASS 25, GRADE NS: TREMCO "DYMERIC 511" OR APPROVED EQUAL.
    B. NON-HARDENING POLYSULPHIDE TYPE, ASTM C920, ONE- PART: PECORA "GC-9" OR EQUAL
    C. NON-HARDENING SILICONE TYPE, ASTM C920, TYPE S, CLASS 25, GRADE NS, ONE-PART, LOW MODULE USGE "SILPRUF", DOW CORNING 790, TREMCO "SPECTRUM" 1 INCH, PECORA 864, OR APPROVED EQUAL.

SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- NEW STC-50 WALL
- SECURE TEMPEST PERIMETER
- BULKHEAD
- NOT IN THE SCOPE OF WORK
- XXX-A — NEW 1 3/4" ACOUSTIC STEEL DOOR & FRAME STC-50 SOUND GROUP 4. DOOR LEAF AND FRAME MUST BE PURCHASED TOGETHER AS A SET
- EXISTING DOORS TO REMAIN
- EXISTING FCU AND ASSOCIATED PIPING CABINET TO REMAIN UNALTERED. PROTECT DURING CONSTRUCTION PRIOR TO REFINISHING

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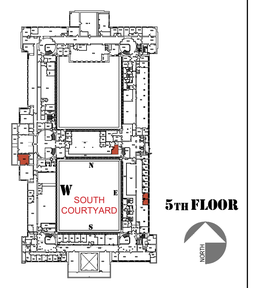
CERTIFICATIONS

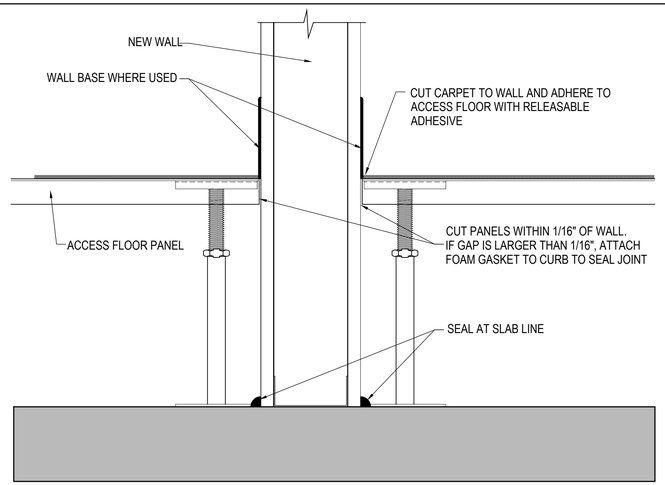


REVISION NOTES	DATE	MARK	DESCRIPTION
	3/13/2026	1	HARD SURFACE BULKHEAD

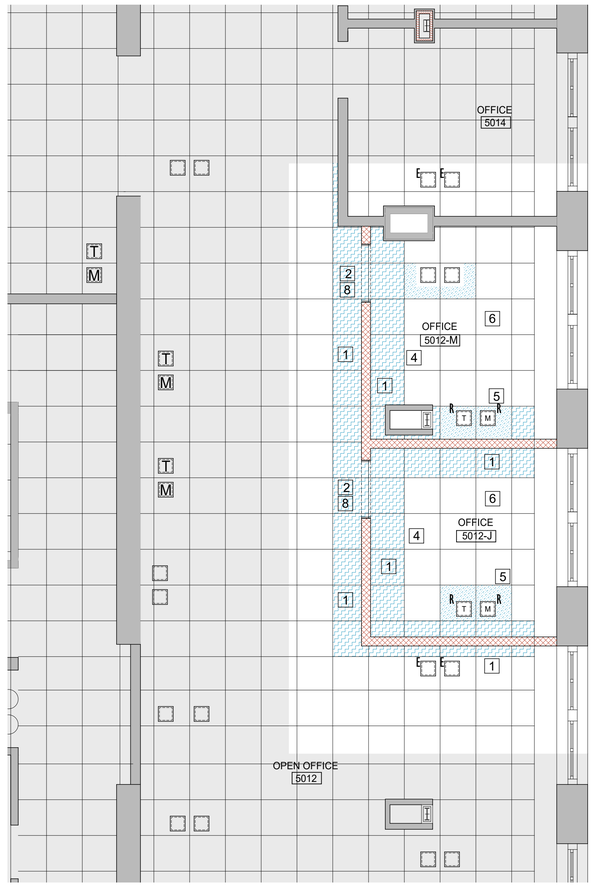
1/4" =1'-0"
3' 2' 1' 0 2' 4' 6' 8'
30" 18" 6"

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	NEW WORK EAST WING
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 104
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 12 OF 43

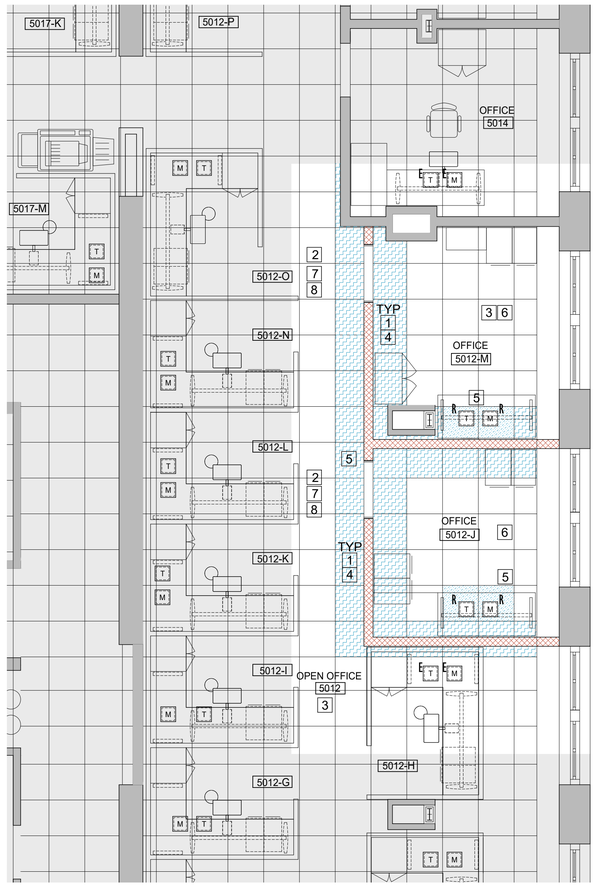
EAST OFFICES 5012 J & 5012 M



D-3 ACCESS FLOOR PERIMETER SEAL W/ WALL BASE
NTS



A-1 FLOOR PLAN OF ADJUSTED FLOOR PANEL SYSTEM
1/4" = 1'-0"



A-3 FLOOR PLAN OF ADJUSTED FLOOR PANEL SYSTEM WITH FURNITURE
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. NO FORENSIC DEMOLITION WAS CONDUCTED AT THE TIME OF THE SURVEY. DISCREPANCIES MIGHT BE ENCOUNTERED BETWEEN ACTUAL CONDITIONS AND DRAWINGS. INFORM COR PRIOR TO PROCEEDING w/ WORK
2. IN CASE OF CONFLICTS BETWEEN PLANS, KEY NOTES, SECTIONS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT APPLIES
3. ALL DIMENSIONS ARE GIVEN FROM FINISH WALL OR PARTITION TO FINISH WALL OR PARTITION
4. ALL WORK PROVIDED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY MARKED "EXISTING", "EXTG", OR "(E)"
5. BEST PRACTICES, METHODS AND MATERIALS, MUST BE FOLLOWED AT ALL TIMES. ANY ITEM NOT SPECIFICALLY LISTED OR SHOWN ON THE CONTRACT DOCUMENTS BUT NECESSARY FOR THE COMPLETION OF THE PROJECT, SHALL BE CONSIDERED PART OF THE CONTRACT'S SCOPE OF WORK
6. THE CONTRACTOR SHALL CLEAN UP ALL ACTIVE WORK AREAS AFTER EACH DAY'S WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMO- VAL AND PROPER DISPOSAL OF ALL WORK RELATED TRASH AND DEBRIS
7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

KEY NOTES

1. MODIFIED EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"X 24" FLOOR PANEL SYSTEM WHERE DEPICTED TO ALLOW NEW WALL TYPE A TO EXTEND TO TRUE FLOOR DECK
2. FLOOR PANELS AT DOORS ARE TO BE REINSTALLED UNALTERED ONCE PORTION OF STC-50 WALL IS CONSTRUCTED FROM TRUE FLOOR TO UNDERSIDE OF FLOOR PANEL AS PER WALL TYPES.
3. FLOOR BOXES TO REMAIN UNALTERED UNLESS NOTED OTHERWISE
4. RECONFIGURE CARPET TILE AFTER WALL IS CONSTRUCTED AND THE ADJUSTED FLOOR PANELS ARE IN PLACE. REINSTALL CARPET WITH FRESH ADHESIVE AS PER MANUFACTURER RECOMMENDATION AFTER PANEL HAS BEEN CLEANED AND IS FREE OF GLUE AND DEBRIS. (THIS CARPET HAS BEEN DISCONTINUED, SO EVERY EFFORT SHOULD BE MADE TO NOT DAMAGE IT) FLOOR MUST BE LEVEL
5. RELOCATED FLOOR BOX. VERIFY THAT NO PART OF THE SYSTEMS FURNITURE IS IN CONFLICT WITH THE DEPICTED BOX LOCATION. MODIFY LOCATION IF NEEDED
6. EXISTING FLOOR PANEL SYSTEM TO REMAIN AS IS EXCEPT WHERE NOTED
7. ALUMINUM THRESHOLD (INTEGRAL PART OF STC-50 DOOR ASSEMBLY) INSTALLED ON TOP OF THE FLOOR PANEL
8. INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY. INSTALL RFOIL AS FOLLOWS:
   - A. SHIELDING IS TO BE INSTALLED BETWEEN THE INTERIOR GWB LAYERS CONTINUOUSLY;
   - B. INSTALL SHIELDING FULL WALL HEIGHT FROM FLOOR DECK TO CEILING DECK CONTINUOUSLY (SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF PERIMETER WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING);
   - C. OVERLAP FOIL MIN 8" AT CEILING DECK AND FLOOR DECK OR AS RECOMMENDED BY FOIL MANUFACTURER;
   - D. OVERLAP FOIL SHEETS MIN 8" OR AS RECOMMENDED BY FOIL MANUFACTURER;
   - E. USE THE GLUE RECOMMENDED BY FOIL MANUFACTURER
   - F. GROUND RF SHIELDING

   SUBMIT PRODUCT CUTSHEETS FOR APPROVAL

SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- NEW STC-50 WALL
- NOT IN THE SCOPE OF WORK
- EXISTING IRVINE-TATE CONCORE / ALL STEEL 24"x 24" FLOOR PANEL SYSTEM TO REMAIN
- ADJUSTED EXISTING FLOOR PANEL ALLOWING FOR WALL TO EXTEND DOWN TO TRUE FLOOR DECK
- RELOCATED EXISTING FLOOR PANELS W/ CUT-OUTS FOR ELECTRICAL / DATA FLOOR BOXES
- E — EXISTING ELECTRICAL / DATA FLOOR BOX W/ COVER TO REMAIN
- R — RELOCATED ELECTRICAL / DATA FLOOR BOX W/ COVER

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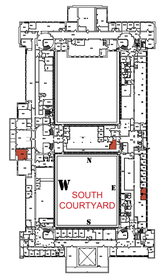

REVISION NOTES	DATE	MARK	DESCRIPTION

1/4" =1'-0"
3" 2" 1" 0 2' 4' 6' 8'

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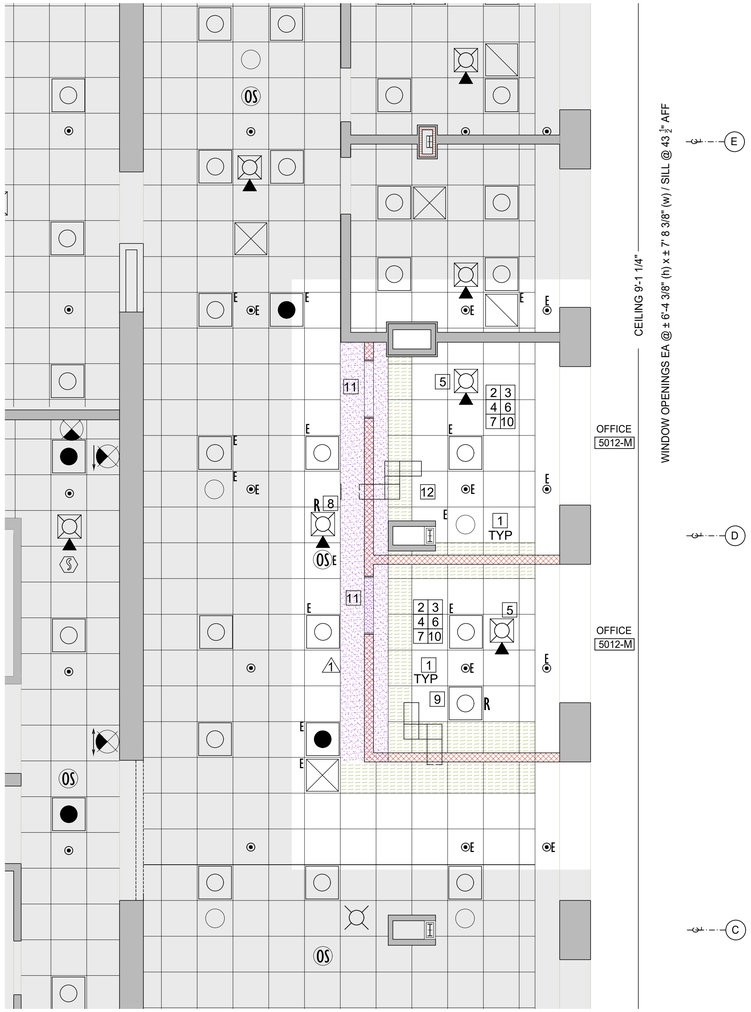
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A-105
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 13 OF 43

EAST OFFICES 5012 J & 5012 M



A-1 EXISTING AND DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"

GENERAL NOTES

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7. PROTECT ALL GOVERNMENT PROPERTY ENCOUNTERED AT THE JOB SITE AGAINST DAMAGE. ALL DAMAGES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING AND TO THE SATISFACTION AND APPROVAL OF THE COR
8. AREA OF WORK MUST BE ISOLATED FROM THE REST OF ADJACENT AREAS. PROTECT ALL SURFACES, EQUIPMENT& FURNITURE PRIOR TO START OF WORK.
9. REMOVE ALL HVAC COVERS AS NEEDED. SEAL EXPOSED DUCTS AND VENTS TO PREVENT INTRODUCING DUST INTO THE SYSTEM. (REMOVED COVERS MUST BE REINSTALLED AT END OF THE JOB)
10. PROTECT ALL HISTORIC FABRIC DURING DEMOLITION AND CONSTRUCTION.
11. DO NOT REMOVE HISTORIC FABRIC UNLESS SPECIFICALLY NOTED ON DOCUMENTS. ANY HISTORIC FABRIC REMOVED MUST BE RETURNED TO COR. DO NOT DISPOSE.
12. TREASURY WILL REMOVE ALL EXISTING FURNITURE AND REINSTALL ALL NEW FURNITURE.

KEY NOTES

1. MODIFIED EXISTING CEILING ACT & GRID ON BOTH SIDES OF NEW PARTITION TO ALLOW FOR NEW PARTITION TO EXTEND UP TO THE UNDERSIDE OF THE CEILING DECK (TRUE CEILING.)
2. EXISTING CEILING MOUNTED DEVICES (LUMINARIES, OCCUPANCY SENSORS, ETC.) TO REMAIN EXCEPT WHERE NOTED TO REMAIN UNALTERED. PROTECT DURING CONSTRUCTION
3. FIRE PROTECTION: EXISTING SPRINKLER HEADS TO REMAIN. PROTECT DURING CONSTRUCTION
4. HVAC SYSTEM: ADD COMPONENTS AS DEPICTED. PROTECT EXISTING DIFFUSERS AND RETURNS DURING CONSTRUCTION
5. NEW FIRE ALARM DEVICE WALL OR CEILING MOUNTED (CEILING MOUNTED DEVICE DEPICTED)
6. POWER SYSTEM TO REMAIN UNALTERED. HOWEVER, IF ADDITIONAL WALL OUTLETS ARE NEEDED, THEY MUST BE SURFACE MOUNTED
7. TELECOM / DATA SYSTEMS TO REMAIN UNALTERED
8. RELOCATED CEILING MOUNTED FIRE ALARM DEVICE
9. RELOCATED 2' x 2' LUMINARY
10. INSTALL EMI CONDUCTIVE FABRIC OR EMI SHIELDING LAMINATE AND GROUND IT ON THE PORTION OF PERIMETER WALL ABOVE THE ACT CEILING.

    FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS FOR OPTIMAL PERFORMANCE OF THE MATERIAL. SUBMIT PRODUCT CUT-SHEETS FOR APPROVAL. FINISH WITH P-1
11. CONSTRUCT AN STC-50 BULKHEAD TO ISOLATE THE EXISTING PIPES AS PER WALL TYPE F. LENGTH OF THE BULKHEAD IS THE ENTIRE LENGTH OF THE TWO OFFICES AS DEPICTED. ADJUST WIDTH OF THE BULKHEAD TO ENSURE THAT THE BULKHEAD TERMINATES AT THE CEILING DECK WITHOUT ANY INTERRUPTION. PROVIDE STC-50 ACCESS PANELS AT ALL VALVES, WHEN POSSIBLE FROM THE OPEN OFFICE SIDE OF THE BULKHEAD. THE STC-50 WALL IS TO TERMINATE AGAINST THE UNDERSIDE OF THE BULKHEAD. USE ACOUSTICAL CAULK TO SEAL ALL VERTICAL AND HORIZONTAL JOINTS
12. DEPENDING ON THE LOCATION OF THE PIPES, WHICH WILL DETERMINE THE HEIGHT OF THE BULKHEAD, THE Z-DUCT COULD BE LOCATED EITHER BETWEEN THE BOTTOM OF THE BULKHEAD AND THE TOP OF THE ACT CEILING, OR IF IT DOES NOT FIT, IT WILL HAVE TO OPEN INTO BULKHEAD. PROVIDE A PERFORATED PLATE, SAME SIZE AS THE Z-DUCT CROSS SECTION, IN THE OPEN-OFFICE SIDE OF THE BULKHEAD

SYMBOLS LEGEND

- EXISTING WALLS TO REMAIN
- NEW STC-50 WALL
- NOT IN THE SCOPE OF WORK
- EXISTING 24"x 24" CEILING ACT AND GRID TO REMAIN AS IS
- EXISTING 24"x 24" CEILING ACT AND GRID TO BE ADJUSTED TO EXTEND WALL / BULKHEAD TO TRUE CEILING DECK
- HARD CEILING BULKHEAD
- E — EXISTING 2' x 2' LIGHT FIXTURE TO REMAIN AS IS
- E — EXISTING 2' X 2' EMERGENCY LIGHT FIXTURE WITH INTEGRAL SELF TESTING / SELF DIAGNOSTIC BATTERY PACK TO REMAIN AS IS
- E — EXISTING RECESSED LIGHT FIXTURE TO REMAIN
- R — RELOCATED 2' x 2' LIGHT FIXTURE
- E — EXISTING SUPPLY AIR DIFFUSER, 24" X 24" FACE AREA
- E — EXISTING PERFORATED CEILING PANEL RETURN, 24" X 24" FACE AREA
- E — EXISTING SINGLE FACE EXIT SIGN TO REMAIN
- E (OS) — EXISTING OCCUPANCY SENSOR (CEILING MOUNTED) TO REMAIN
- E — EXISTING CEILING MOUNTED FIRE ALARM COMBINATION STROBE / HORN TO REMAIN
- R — RELOCATED EXISTING CEILING MOUNTED FIRE ALARM COMBINATION STROBE / HORN
- CD C — NEW CEILING OR WALL MOUNTED FIRE ALARM COMBINATION STROBE / HORN . (CEILING MOUNTED DEPICTED)
- E — EXISTING SPRINKLER HEAD CEILING MOUNTED
- Z-DUCT

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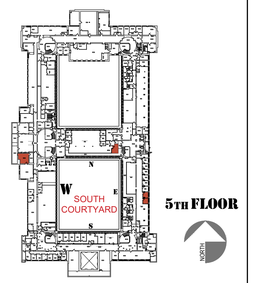

REVISION NOTES

DATE	MARK	DESCRIPTION
3/13/2026	1	HARD SURFACE BULKHEAD

1/4" =1'-0"

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
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	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
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PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
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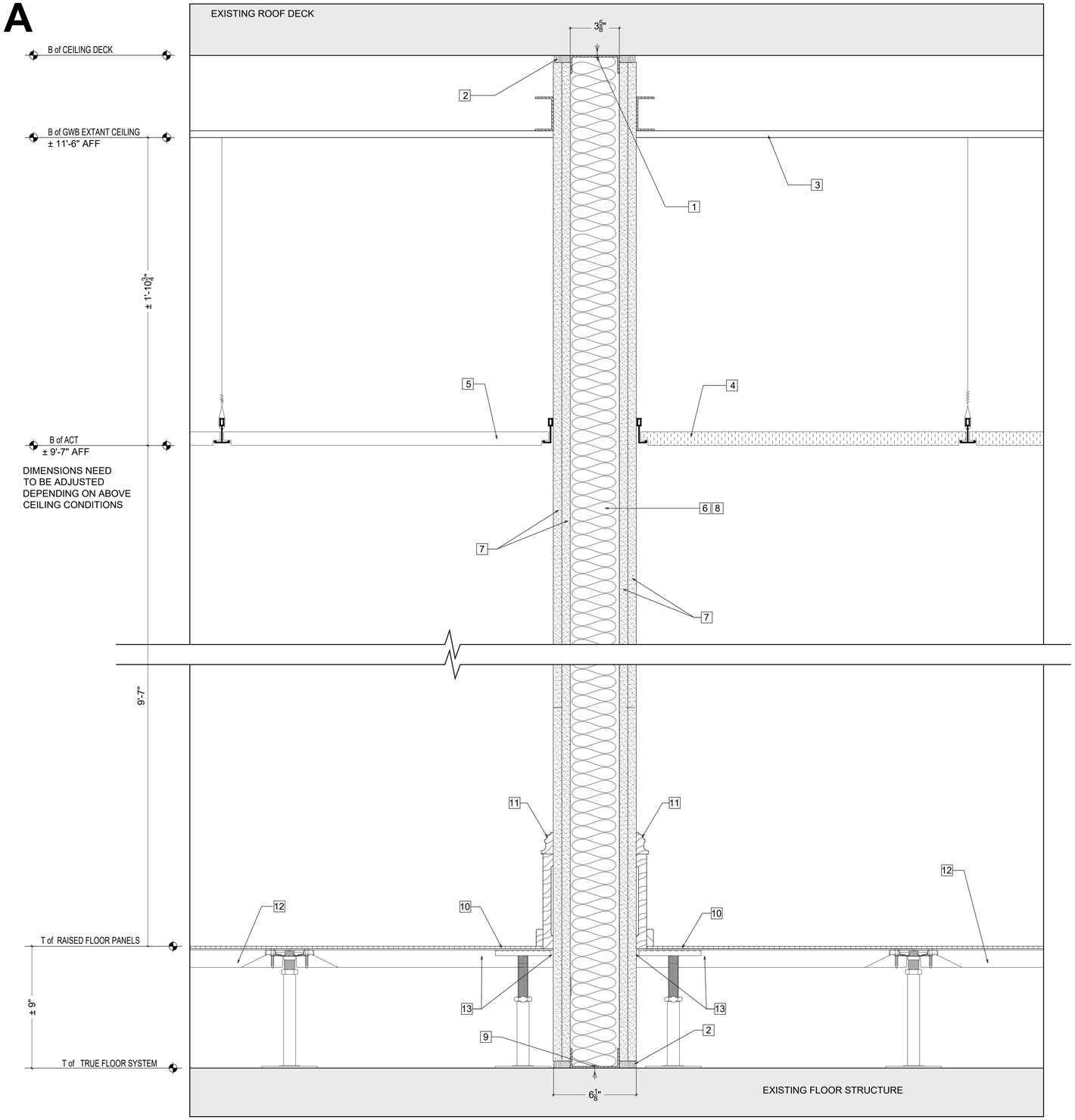
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	NEW WORK EAST WING: RCP
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 106
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 14 OF 43

WALL TYPE

A



A-1 STC-50 WALL TYPE A
3" = 1'-0"

GENERAL WALL CONSTRUCTION NOTES

1. STC-50 WALL FRAMING: 3 5/8" 16 GA METAL STUDS @ 16" o.c. FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF CEILING PLATE (TRUE CEILING). BRACING AS REQUIRED. STC-50 WALL MUST BE CONSTRUCTED AS DEPICTED IN COMPLIANCE W/ ICD/ICS 705 STC-50 REQUIREMENT OR BETTER, SOUND GROUP 4.
2. CONTINUOUS CAULK AT ALL INTERSECTIONS BETWEEN THE PARTITION / WALL W/ OTHER SURFACES ON BOTH SIDES AIR TIGHT (HORIZONTAL-DECK OR VERTICAL- OTHER WALLS) WITH NON HARDENING CAULK SUCH AS:
   A. NON-HARDENING POLYURETHANE TYPE, ASTM C920, TYPE M, CLASS 25, GRADE NS: TREMCO "DYMERIC 511" OR APPROVED EQUAL.
   B. NON-HARDENING POLYSULPHIDE TYPE, ASTM C920, ONE- PART: PECORA "GC-9" OR EQUAL
   C. NON-HARDENING SILICONE TYPE, ASTM C920, TYPE S, CLASS 25, GRADE NS, ONE-PART, LOW MODULE USGE "SILPRUF", DOW CORNING 790, TREMCO "SPECTRUM" 1 INCH, PECORA 864, OR APPROVED EQUAL.
3. STC-50 WALL (NEW & EXISTING PORTIONS) MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF FLOOR PLATE (TRUE CEILING).
4. ALL GWB INSTALLATION MUST BE AS FOLLOWS:
   A. PANEL INSTALLATION TO BE FULL WALL HEIGHT FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF THE CEILING PLATE (TRUE CEILING) OR FILLING ENTIRE OPENING WHEN A DOOR OR WINDOW HAS BEEN REMOVED;
   B. CROSS LAY ALL MULTIPLE LAYERS OF GWB. DO NOT LAY ONE SEAM DIRECTLY OVER THE ONE BENEATH;
   C. FILL ALL SEAMS BETWEEN THE GWB SHEETS W/ ACOUSTIC SEALANT PRIOR TO TAPING AND SPACKLING SEAMS;
   D. APPLY P-1 FINISH AS PER FINISHES SCHEDULE.
5. FURNISH AND INSTALL BLOCKING AS REQUIRED AT ALL LOCATIONS FOR THE PROPER AND SECURE INSTALLATION OF ALL WALL MOUNTED EQUIPMENT OR MILLWORK WHETHER SPECIFICALLY NOTED IN THE DRAWINGS OR NOT.

KEY NOTES

1 12 GA CONTINUOUS TRACK "TOP PLATE" ANCHORED TO UNDERSIDE OF ROOF STRUCTURE.
PROVIDE BUILT-UP COLD FORMED METAL FRAMING ABOVE TOP TRACK AS NEEDED TO ATTACH TOP OF WALL TIGHT TO UNDERSIDE OF STRUCTURE. VIF

2 CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT IN ALL VOIDS. SEE GENERAL WALL CONSTRUCTION NOTE 2.

3 EXISTING GWB CEILING TO BE REMOVED AS NEEDED TO INSTALL NEW WALL. AFTERWARDS, GWB MUST BE RE-SUPPORTED AND CAULKED TO MAINTAIN FIRE RATING. BOTH SIDES

4 NEW ACT + GRID CEILING AS PER FINISHES SCHEDULE. HEIGHT TO BE SET TO CLEAR PERIMETER WINDOWS. CONFIRM HEIGHT ON SITE

5 EXISTING ACT + GRID CEILING TO REMAIN AS IS

6 3 5/8" 16 GA METAL STUDS @ 16" o.c. AS PER GENERAL WALL CONSTRUCTION NOTES

7 (2) LAYERS OF GWB 5/8" THICK EACH INSTALLED AS PER GENERAL WALL CONSTRUCTION NOTE 4. TYPE OF GWB PANELS MUST BE AS FOLLOWS:
(1) LAYER OF GOLD BOND SOUND BREAK XP;
(1) LAYER OF GOLD BOND FIRE-SHIELD.

8 3 1/2" ROCKWOOL ACOUSTICAL FIRE BATT INSULATION OR EQUAL FULL HEIGHT MATERIAL MUST BE FASTENED IN SUCH WAY AS TO PREVENT IT FROM SLIDING DOWN, LEAVING A VOID AT THE TOP.

9 12 GA METAL CONTINUOUS RUNNER ANCHORED w/ TAPCON FASTENERS, EMBEDDED INTO BRICK VAULT TYP. MECHANICAL FASTENERS TO BE AS FOLLOWS: ASTM C1513, CORROSION-RESISTANT- COATED, SELF-DRILLING, & SELF-TAPPING DRILL SCREWS. INSTALL PER MANUFACTURER'S REQUIREMENTS.
BED TRACK IN NON-METALLIC, SHRINKAGE-RESISTANT GROUT AS FOLLOWS: ASTM C 1107, FACTORY-PACKAGED, NONMETALLIC AGGREGATE GROUT, NON CORROSIVE AND NON STAINING, MIXED W/ WATER TO CONSISTENCY SUITABLE FOR APPLICATION AND 30-MINUTE WORKING TIME. VERIFY DEPTH IN FIELD

10 EXISTING CARPET TILE TO BE MODIFIED TO ALLOW FOR THE WALL INSTALLATION

11 NEW WOOD BASE TO MATCH EXISTING

12 EXISTING TATE FLOOR PANEL TO REMAIN AS IS

13 EXISTING TATE FLOOR PANEL TO BE ADJUSTED TO ALLOW FOR THE CONSTRUCTION OF THE NEW STC-50 WALL. CUT PANEL WITHIN 1/16" OFF THE WALL EACH SIDE

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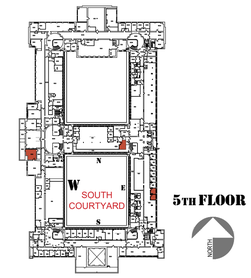

REVISION NOTES

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3" 2" 1" 0 2" 4" 6" 8"

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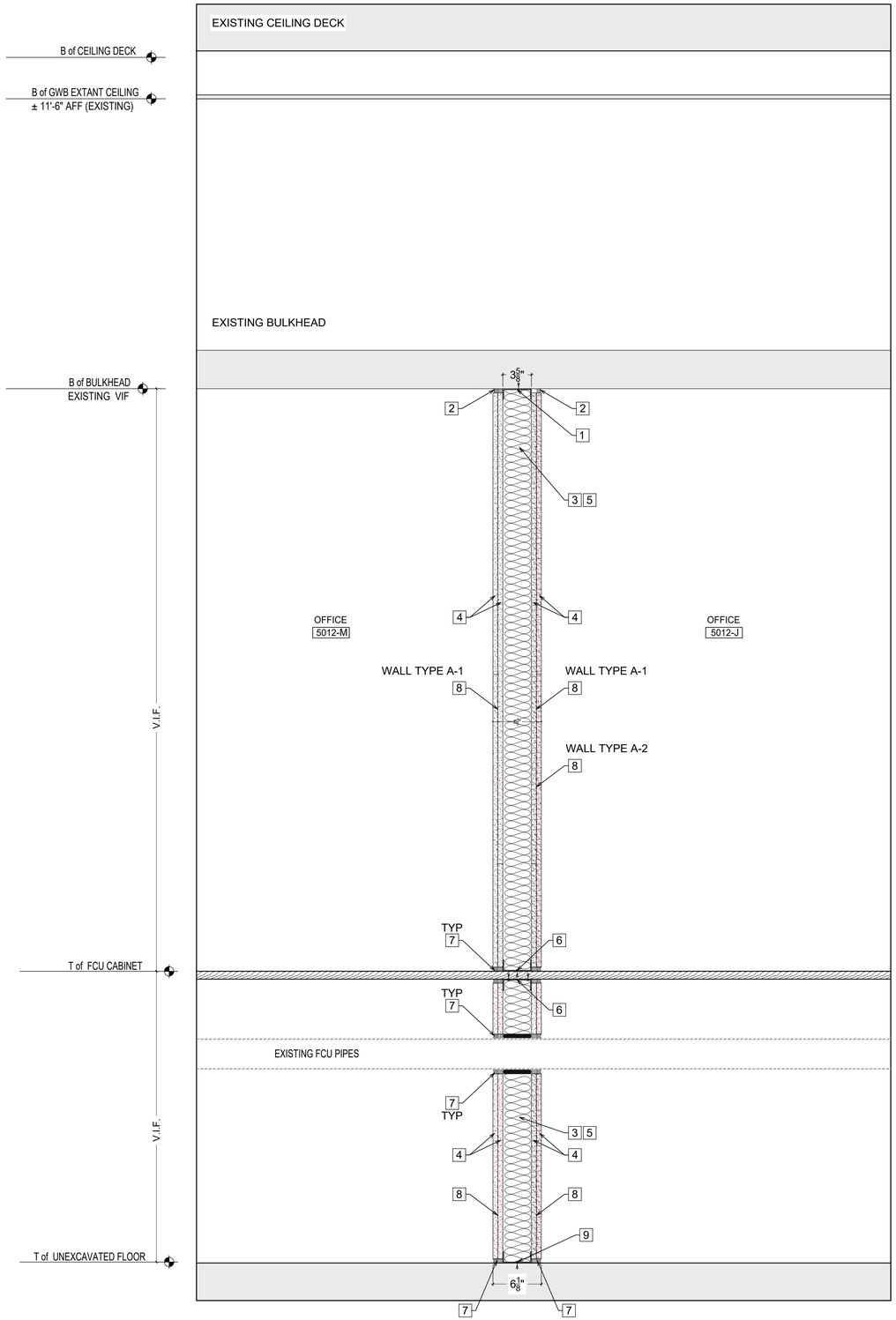
WALL TYPES

A-1 & A-2



A-1 STC-50 WALL TYPES A-1 & A-2

1 1/2" = 1'-0"

GENERAL WALL CONSTRUCTION NOTES

1. STC-50 WALL FRAMING: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF BULKHEAD. STC-50 BULKHEAD FRAMING: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM TOP OF NEW STC-50 WALL TO UNDER- SIDE OF ROOF DECK (TRUE CEILING.) CONSTRUCT STC-50 ASSEMBLY AS DEPICTED IN COMPLIANCE W/ ICD/ICS 705 STC-50 REQUIREMENTS OR BETTER, SOUND GROUP 4.

2. CONTINUOUS CAULK AT ALL INTERSECTIONS BETWEEN THE PARTITION / WALL W/ OTHER SURFACES ON BOTH SIDES AIR TIGHT (HORIZONTAL-DECK OR VERTICAL- OTHER WALLS) WITH NON HARDENING CAULK SUCH AS:

   A. NON-HARDENING POLYURETHANE TYPE, ASTM C920, TYPE M, CLASS 25, GRADE NS: TREMCO "DYMERIC 511" OR APPROVED EQUAL.

   B. NON-HARDENING POLYSULPHIDE TYPE, ASTM C920, ONE- PART: PECORA "GC-9" OR EQUAL

   C. NON-HARDENING SILICONE TYPE, ASTM C920, TYPE S, CLASS 25, GRADE NS, ONE-PART, LOW MODULE USGE "SILPRUF", DOW CORNING 790, TREMCO "SPECTRUM" 1 INCH, PECORA 864, OR APPROVED EQUAL.

3. STC-50 WALL (NEW & EXISTING PORTIONS) MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF FLOOR PLATE (TRUE CEILING).

4. ALL GWB INSTALLATION MUST BE AS FOLLOWS:

   A. PANEL INSTALLATION TO BE FULL WALL HEIGHT FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF CEILING PLATE (TRUE CEILING) OR FILLING ENTIRE OPENING WHEN A DOOR OR WINDOW HAS BEEN REMOVED;
   B. CROSS LAY ALL MULTIPLE LAYERS OF GWB. DO NOT LAY ONE SEAM DIRECTLY OVER THEONE BENEATH;
   C. FILL ALL SEAMS BETWEEN THE GWB SHEETS W/ ACOUSTIC SEALANT PRIOR TO TAPING AND SPACKLING SEAMS;
   D. APPLY P-1 FINISH AS PER FINISHES SCHEDULE.

5. FURNISH AND INSTALL BLOCKING AS REQUIRED AT ALL LOCATIONS FOR THE PROPER AND SECURE INSTALLATION OF ALL WALL MOUNTED EQUIPMENT OR MILLWORK WHETHER SPECIFICALLY NOTED IN THE DRAWINGS OR NOT.

6. INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY. INSTALL RFOIL AS FOLLOWS:

   A. SHIELDING IS TO BE INSTALLED BETWEEN THE INTERIOR GWB LAYERS CONTINUOUSLY;
   B. INSTALL SHIELDING FULL WALL HEIGHT FROM FLOOR DECK TO CEILING DECK CONTINUOUSLY (SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF PERIMETER WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING);
   C. OVERLAP FOIL MIN 8" AT CEILING DECK AND FLOOR DECK OR AS RECOMMENDED BY FOIL MANUFACTURER;
   D. OVERLAP FOIL SHEETS MIN 8" OR AS RECOMMENDED BY FOIL MANUFACTURER;
   E. USE THE GLUE RECOMMENDED BY FOIL MANUFACTURER
   F. GROUND RF SHIELDING

   SUBMIT PRODUCT CUTSHEETS FOR APPROVAL

KEY NOTES

1 3 5/8" 16GA HEADER TRACK ANCHORED TO THE UNDERSIDE OF THE BULKHEAD

2 CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT IN ALL VOIDS. SEE GENERAL WALL CONSTRUCTION NOTE "2".

3 3 5/8" 16 GA METAL STUDS @ 16" o.c. AS PER GENERAL WALL CONSTRUCTION NOTES

4 (2) LAYERS OF GWB 5/8" THICK EACH INSTALLED AS PER GENERAL WALL CONSTRUCTION NOTE "4". TYPE OF GWB PANELS MUST BE AS FOLLOWS:

(1) LAYER OF GOLD BOND SOUND BREAK XP;
(1) LAYER OF GOLD BOND FIRE-SHIELD.

5 3 1/2" ROCKWOOL ACOUSTICAL FIRE BATT INSULATION OR EQUAL FULL HEIGHT MATERIAL MUST BE FASTENED IN SUCH WAY AS TO PREVENT IT FROM SLIDING DOWN, LEAVING A VOID AT THE TOP.

6 3 5/8" 16GA HEADER AND BASE TRACK ANCHORED TO THE TOP AND TO THE UNDERSIDE OF THE FCU CABINET WITH WOOD SCREWS. BED TRACK IN TWO CONTINUOUS BEADS OF FIRE SAFE ACOUSTICAL SEALANT.

7 CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE ALONG TOP, BOTTOM, LEFT AND RIGHT JOINTS WITH PERPENDICULAR SURFACES AND AROUND ALL PIPES AND WALL PENETRATIONS. SEE GENERAL WALL CONSTRUCTION NOTE "2".

8 WALL TYPE A-1 CONDITION:
INSTALL RF SHIELDING RFOIL ON BOTH SIDES OF THE WALL CONTINUOUSLY AND GROUND IT. SHIELDING IS TO BE INSTALLED AS PER GENERAL CONSTRUCTION NOTE 6. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS FOR OPTIMAL PERFORMANCE OF THE MATERIAL.

WALL TYPE A-2 CONDITION:
INSTALL RF SHIELDING RFOIL CONTINUOUSLY ONLY ON THE SIDE OF THE WALL FACING THE INTERIOR OF OFFICE 5012 J WALL AND GROUND IT. SHIELDING IS TO BE INSTALLED AS PER GENERAL CONSTRUCTION NOTE 6. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS FOR OPTIMAL PERFORMANCE OF THE MATERIAL.

9 12 GA METAL CONTINUOUS RUNNER ANCHORED W/ TAPCON FASTENERS, EMBEDDED INTO BRICK VAULT TYP. MECHANICAL FASTENERS TO BE AS FOLLOWS : ASTM C1513, CORROSION-RESISTANT- COATED, SELF-DRILLING, & SELF-TAPPING DRILL SCREWS. INSTALL PER MANUFACTURER'S REQUIREMENTS.

BED TRACK IN NON-METALLIC, SHRINKAGE-RESISTANT GROUT AS FOLLOWS: ASTM C 1107, FACTORY-PACKAGED, NONMETALLIC AGGREGATE GROUT, NON CORROSIVE AND NON STAINING, MIXED W/ WATER TO CONSISTENCY SUITABLE FOR APPLICATION AND 30-MINUTE WORKING TIME. VERIFY DEPTH IN FIELD

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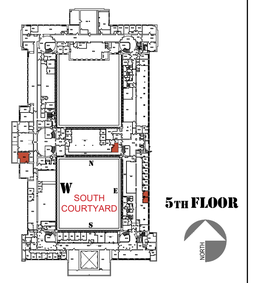
ARCHITECTURE | HISTORIC PRESERVATION | PLANNING | DESIGN

CERTIFICATIONS



REVISION NOTES

DATE	MARK	DESCRIPTION

3" =1'-0"

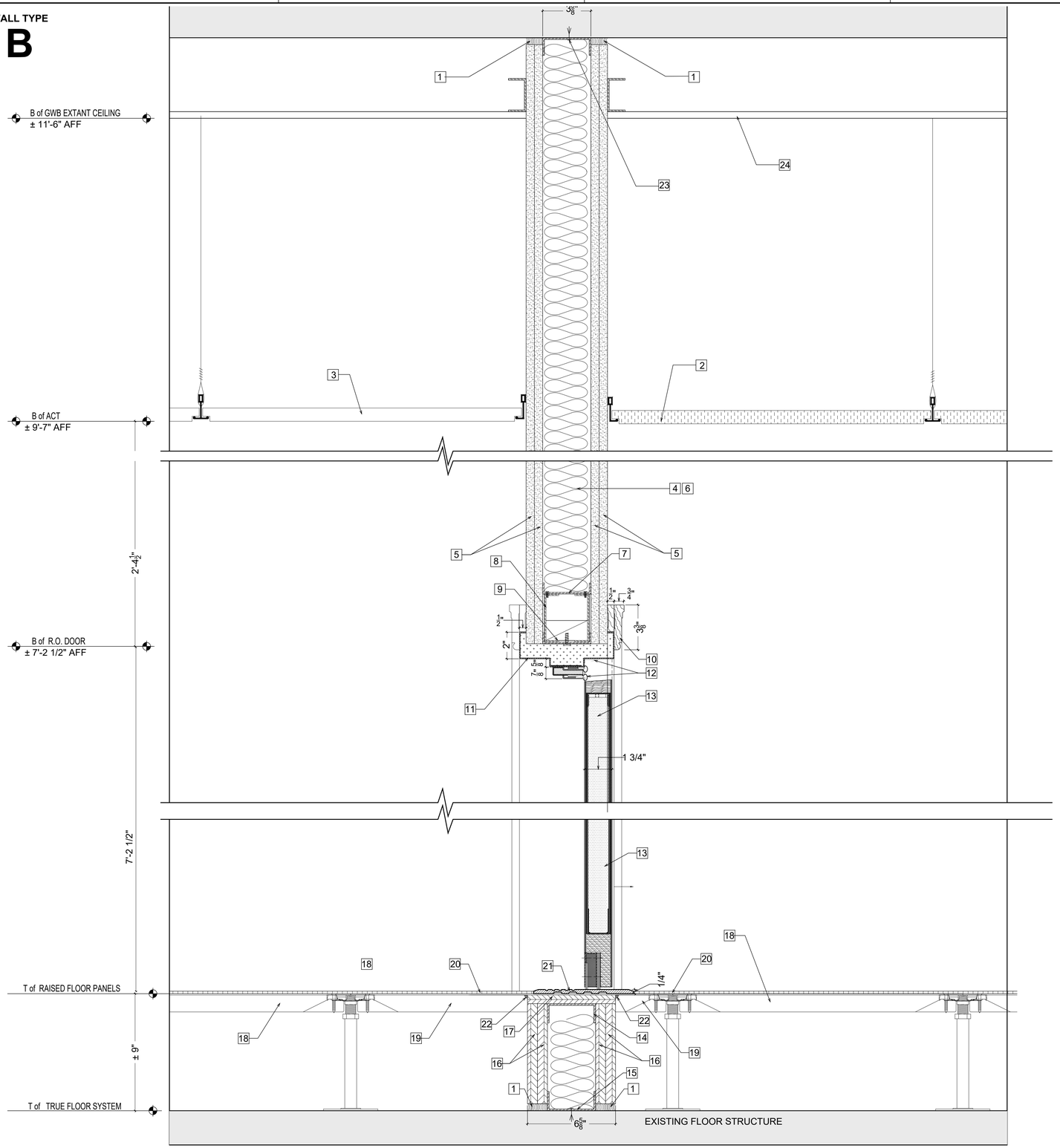
3" 2" 1" 0 2" 4" 6" 8"

CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	STC 50 WALL TYPE A-1
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 302
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 16 OF 43

WALL TYPE

B



A-1 STC-50 WALL TYPE B AT STC-50 DOOR
3" = 1'-0"

GENERAL WALL CONSTRUCTION NOTES

1. STC-50 WALL FRAMING BELOW DOOR THRESHOLD: 3 5/8" 16 GA METAL STUDS @ 16" o.c. FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF DOOR OPENING THRESHOLD, STC-50 WALL FRAMING ABOVE DOOR HEADER: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM DOOR OPENING HEAD TO UNDER-SIDE OF ROOF DECK (TRUE CEILING). STC-50 WALL AND HEADER MUST BE CONSTRUCTED AS DEPICTED IN COMPLIANCE W/ ICD/ICS 705 STC-50 REQUIREMENT OR BETTER, SOUND GROUP 4.
2. CONTINUOUS CAULK AT ALL INTERSECTIONS BETWEEN THE PARTITION / WALL W/ OTHER SURFACES ON BOTH SIDES AIR TIGHT (HORIZONTAL-DECK OR VERTICAL- OTHER WALLS) WITH NON HARDENING CAULK SUCH AS:
   A. NON-HARDENING POLYURETHANE TYPE, ASTM C920, TYPE M, CLASS 25, GRADE NS: TREMCO "DYMERIC 511" OR APPROVED EQUAL.
   B. NON-HARDENING POLYSULPHIDE TYPE, ASTM C920, ONE- PART: PECORA "GC-9" OR EQUAL
   C. NON-HARDENING SILICONE TYPE, ASTM C920, TYPE S, CLASS 25, GRADE NS, ONE-PART, LOW MODULE USGE "SILPRUF", DOW CORNING 790, TREMCO "SPECTRUM" 1 INCH, PECORA 864, OR APPROVED EQUAL.
3. STC-50 WALL (NEW & EXISTING PORTIONS) MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF FLOOR PLATE (TRUE CEILING).
4. ALL GWB INSTALLATION MUST BE AS FOLLOWS:
   A. PANEL INSTALLATION TO BE FULL WALL HEIGHT FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF CEILING PLATE (TRUE CEILING) OR FILLING ENTIRE OPENING WHEN A DOOR OR WINDOW HAS BEEN REMOVED;
   B. CROSS LAY ALL MULTIPLE LAYERS OF GWB. DO NOT LAY ONE SEAM DIRECTLY OVER THE ONE BENEATH;
   C. FILL ALL SEAMS BETWEEN THE GWB SHEETS W/ ACOUSTIC SEALANT PRIOR TO TAPING AND SPACKLING ALL SEAMS;
   D. APPLY P-1 FINISH AS PER FINISHES SCHEDULE.
5. FURNISH AND INSTALL BLOCKING AS REQUIRED AT ALL LOCATIONS FOR THE PROPER AND SECURE INSTALLATION OF ALL WALL MOUNTED EQUIPMENT OR MILLWORK WHETHER SPECIFICALLY NOTED IN THE DRAWINGS OR NOT.

KEY NOTES

1 CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT IN ALL VOIDS. SEE GENERAL WALL CONSTRUCTION NOTE 2.

2 NEW ACT + GRID CEILING AS PER FINISHES SCHEDULE. HEIGHT TO BE SET TO CLEAR PERIMETER WINDOWS. CONFIRM HEIGHT ON SITE

3 EXISTING ACT + GRID CEILING TO REMAIN AS IS

4 3 5/8" 16 GA METAL STUDS @ 16" o.c. AS PER GENERAL WALL CONSTRUCTION NOTES

5 (2) LAYERS OF GWB 5/8" THICK EACH INSTALLED AS PER GENERAL WALL CONSTRUCTION NOTE 4. TYPE OF GWB PANELS MUST BE AS FOLLOWS:
(1) LAYER OF GOLD BOND SOUND BREAK XP;
(1) LAYER OF GOLD BOND FIRE-SHIELD.

6 3 1/2" ROCKWOOL ACOUSTICAL FIRE BATT INSULATION OR EQUAL FULL HEIGHT MATERIAL MUST BE FASTENED IN SUCH WAY AS TO PREVENT IT FROM SLIDING DOWN, LEAVING A VOID AT THE TOP.

7 TRACK FOR CRIPPLE STUD ATTACHMENT. USE (2) SCREWS AS PER MANUF. SPEC. @ 16" O.C.

8 (2) 16GA 3 5/8" "C" CHANNEL FACING EACH OTHER ON RUNNER W/ WOOD BLOCKING BEVELED TO FIT

9 3 5/8" 16GA HEADER TRACK W/ 2 X PT PLATE. BEVEL PLATE TO FIT

10 CLEAR POPLAR CASING AS PER FINISHES SCHEDULE

11 14 GA. MIN WELDED STEEL FRAME (ASTM 1008). FRAME IS TO BE REINFORCED WHERE HARDWARE IS TO BE FIELD-MOUNTED. FILL FRAME WITH 12 LB DENSITY ROCKWOOL

12 ACOUSTIC SEALS (SEE DOOR HEAD DETAIL A-506)

13 1 3/4" THICK WOOD-CLAD SCIF LEVEL 4 ACOUSTIC DOOR

14 3 5/8" 16GA HEADER TRACK

15 12 GA METAL CONTINUOUS RUNNER ANCHORED w/ TAPCON FASTENERS, EMBEDDED INTO BRICK VAULT TYP. MECHANICAL FASTENERS TO BE AS FOLLOWS: ASTM C1513, CORROSION- RESISTANT-COATED, SELF-DRILLING, & SELF-TAPPING DRILL SCREWS. INSTALL PER MANUFACTURER'S REQUIREMENTS.
BED TRACK IN NON-METALLIC, SHRINKAGE-RESISTANT GROUT AS FOLLOWS: ASTM C 1107, FACTORY-PACKAGED, NONMETALLIC AGGREGATE GROUT, NON CORROSIVE AND NON STAINING, MIXED W/ WATER TO CONSISTENCY SUITABLE FOR APPLICATION AND 30-MINUTE WORKING TIME. VERIFY DEPTH IN FIELD

16 (2) LAYERS OF 3/4" PLYWOOD

17 (1) LAYER OF 3/4" PLYWOOD

18 EXISTING TATE FLOOR PANEL TO REMAIN AS IS

19 EXISTING TATE FLOOR PANEL TO BE REINSTALLED AFTER THE CONSTRUCTION OF THE NEW STC-50 WALL PORTION (UNDER SIDE) AND THE INSTALLATION OF THE NEW STC-50 DOOR ARE COMPLETED

20 EXISTING CARPET TILE TO REMAIN AS IS EXCEPT TO ALLOW FOR THRESHOLD INSTALLATION AND WALL INSTALLATION

21 ANODIZED ALUMINUM THRESHOLD SET IN ACOUSTIC SEALANT OR CAULKING

22 CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT ALONG TOP, BOTTOM, LEFT AND RIGHT JOINTS WITH PERPENDICULAR SURFACES. SEE GENERAL WALL CONSTRUCTION NOTE "2"

23 12 GA CONTINUOUS TRACK "TOP PLATE" ANCHORED TO UNDERSIDE OF ROOF STRUCTURE. PROVIDE BUILT-UP COLD FORMED METAL FRAMING ABOVE TOP TRACK AS NEEDED TO ATTACH TOP OF WALL TIGHT TO UNDERSIDE OF STRUCTURE. VIF

24 EXISTING GWB CEILING TO BE REMOVED AS NEEDED TO INSTALL NEW WALL. AFTERWARDS, GWB MUST BE RE-SUPPORTED AND CAULKED TO MAINTAIN FIRE RATING. BOTH SIDES

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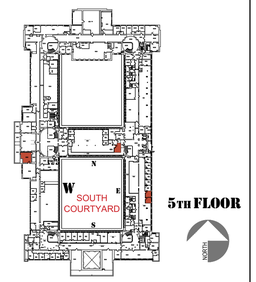
CERTIFICATIONS



REVISION NOTES

DATE	MARK	DESCRIPTION

3" =1'-0"
3" 2" 1" 0 2" 4" 6" 8"

CONTRACTORS

A/E CON. NO.	
A/E TASK NO.	
CONS.CONTR.	
CONS. WORK	
PRIME A/E	MERIDIEN GROUP / CITADEL DCA
SUB A/E	

BUILDING

NAME	
STREET	
CITY/ST/ZIP	WASHINGTON, DC
BUILDING NO.	DC-
OTHER	
BUILDING NOs.	
FACILITY CODE	

PROJECT

PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
PROJECT DESCRIPTION	
PROJECT NO.	0025-25
GSA PM	BARBARA CHOATE
SUBMISSION	100% SUBMISSION
SUB. DATE	30 MARCH 2026

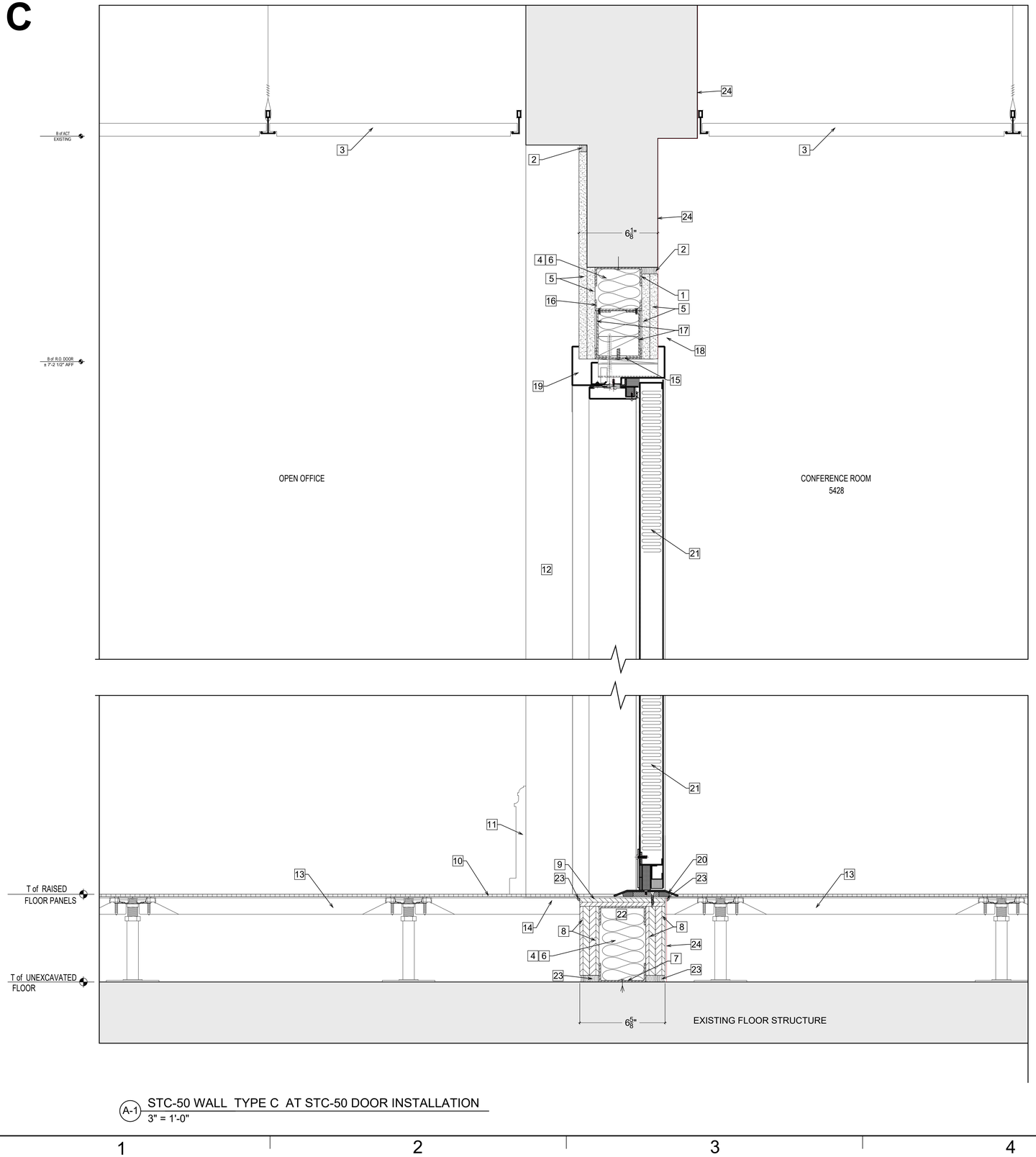
DRAWING

DRAWING TITLE	STC-50 WALL TYPE B
FILE NAME	
FLOOR NO.	5TH FLOOR
DRAWN BY	AGF DATE DRAFTED: 06/10/2025
CHECKED BY	LSP SHEET SIZE: 24 x 36
DRAWING NO.	A- 303

DISCIPLINE	SHEET TYPE	SEQUENCE
SHEET	17 OF	43

WALL TYPE

C



A-1 STC-50 WALL TYPE C AT STC-50 DOOR INSTALLATION

3" = 1'-0"

GENERAL WALL CONSTRUCTION NOTES

1. STC-50 WALL FRAMING BELOW DOOR THRESHOLD: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF DOOR OPENING THRESHOLD, STC-50 WALL FRAMING ABOVE DOOR HEADER: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM DOOR OPENING HEAD TO UNDER-SIDE OF EXISTING WALL. STC-50 WALL AND HEADER MUST BE CONSTRUCTED AS DEPICTED IN COMPLIANCE W/ ICD/ICS 705 STC-50 REQUIREMENT OR BETTER, SOUND GROUP 4.
2. CONTINUOUS CAULK AT ALL INTERSECTIONS BETWEEN THE PARTITION / WALL W/ OTHER SURFACES ON BOTH SIDES AIR TIGHT (HORIZONTAL-DECK OR VERTICAL- OTHER WALLS) WITH NON HARDENING CAULK SUCH AS:
   A. NON-HARDENING POLYURETHANE TYPE, ASTM C920, TYPE M, CLASS 25, GRADE NS: TREMCO "DYMERIC 511" OR APPROVED EQUAL.
   B. NON-HARDENING POLYSULPHIDE TYPE, ASTM C920, ONE- PART: PECORA "GC-9" OR EQUAL
   C. NON-HARDENING SILICONE TYPE, ASTM C920, TYPE S, CLASS 25, GRADE NS, ONE-PART, LOW MODULE USGE "SILPRUF", DOW CORNING 790, TREMCO "SPECTRUM" 1 INCH, PECORA 864, OR APPROVED EQUAL.
3. STC-50 WALL (NEW & EXISTING PORTIONS) MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF FLOOR PLATE (TRUE CEILING).
4. ALL GWB INSTALLATION MUST BE AS FOLLOWS:
   A. PANEL INSTALLATION TO BE FULL WALL HEIGHT FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF CEILING PLATE (TRUE CEILING) OR FILLING ENTIRE OPENING WHEN A DOOR OR WINDOW HAS BEEN REMOVED;
   B. CROSS LAY ALL MULTIPLE LAYERS OF GWB. DO NOT LAY ONE SEAM DIRECTLY OVER THE ONE BENEATH;
   C. FILL ALL SEAMS BETWEEN THE GWB SHEETS W/ ACOUSTIC SEALANT PRIOR TO TAPING AND SPACKLING SEAMS;
   D. APPLY P-1 FINISH AS PER FINISHES SCHEDULE.
5. FURNISH AND INSTALL BLOCKING AS REQUIRED AT ALL LOCATIONS FOR THE PROPER AND SECURE INSTALLATION OF ALL WALL MOUNTED EQUIPMENT OR MILLWORK WHETHER SPECIFICALLY NOTED IN THE DRAWINGS OR NOT.

KEY NOTES

1. 12 GA CONTINUOUS TRACK "TOP PLATE" ANCHORED TO UNDERSIDE OF EXISTING WALL W/ 1/4"x DEWALT/ POWERS ZAMAC NAILIN ANCHORS @ 12" o.c.
2. CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT IN ALL VOIDS. SEE GENERAL WALL CONSTRUCTION NOTE "2".
3. EXISTING ACT + GRID CEILING TO REMAIN AS IS
4. 3 5/8" 16 GA METAL STUDS @ 16" o.c. AS PER GENERAL WALL CONSTRUCTION NOTES
5. (2) LAYERS OF GWB 5/8" THICK EACH INSTALLED AS PER GENERAL WALL CONSTRUCTION NOTE "4". TYPE OF GWB PANELS MUST BE AS FOLLOWS:
   (1) LAYER OF GOLD BOND SOUND BREAK XP;
   (1) LAYER OF GOLD BOND FIRE-SHIELD.
6. 3 1/2" ROCKWOOL ACOUSTICAL FIRE BATT INSULATION OR EQUAL FULL HEIGHT MATERIAL MUST BE FASTENED IN SUCH WAY AS TO PREVENT IT FROM SLIDING DOWN, LEAVING A VOID AT THE TOP.
7. 12 GA METAL CONTINUOUS RUNNER ANCHORED w/ TAPCON FASTENERS, EMBEDDED INTO BRICK VAULT TYP.
   MECHANICAL FASTENERS TO BE AS FOLLOWS : ASTM C1513, CORROSION- RESISTANT- COATED, SELF-DRILLING, & SELF-TAPPING DRILL SCREWS. INSTALL PER MANUFACTURER'S REQUIREMENTS.
   BED TRACK IN NON-METALLIC, SHRINKAGE-RESISTANT GROUT AS FOLLOWS: ASTM C 1107, FACTORY-PACKAGED, NONMETALLIC AGGREGATE GROUT, NON CORROSIVE AND NON STAINING, MIXED W/ WATER TO CONSISTENCY SUITABLE FOR APPLICATION AND 30-MINUTE WORKING TIME. VERIFY DEPTH IN FIELD
8. (2) LAYERS OF 3/4" PLYWOOD
9. (1) LAYER OF 3/4" PLYWPOD
10. EXISTING CARPET TILE TO REMAIN AS IS EXCEPT TO ALLOW FOR THRESHOLD INSTALLATION
11. EXISTING WOOD BASE TO REMAIN AS IS
12. EXISTING WALL TO REMAIN AS IS
13. EXISTING TATE FLOOR PANEL TO REMAIN AS IS
14. EXISTING TATE FLOOR PANEL TO BE REINSTALLED AFTER THE CONSTRUCTION OF THE NEW STC-50 WALL PORTION (UNDER SIDE) AND THE INSTALLATION OF THE NEW STC-50 DOOR ARE COMPLETED.
15. 3 5/8" 16GA HEADER TRACK W/ 2 X PT PLATE. BEVEL PLATE TO FIT
16. TRACK FOR CRIPPLE STUD ATTACHMENT. USE (2) SCREWS AS PER MANUF. SPEC. @ 16" O.C.
17. (2) 16GA 3 5/8" "C" CHANNEL FACING EACH OTHER ON RUNNER W/ WOOD BLOCKING BEVELED TO FIT
18. CLEAR POPLAR CASING AS PER FINISHES SCHEDULE
19. 14 GA. MIN WELDED STEEL FRAME (ASTM 1008). FRAME IS TO BE REINFORCED WHERE HARDWARE IS TO BE FIELD-MOUNTED. FILL FRAME WITH 12 lb DENSITY ROCKWOOL
20. ANODIZED ALUMINUM THRESHOLD SET IN CONTINUOUS ACOUSTIC SEALANT OR CAULKING 1/4" HIGH ACOUSTIC THRESHOLD INSTALLED AT TOP LEVEL OF FINISHED FLOOR COVERING MATERIAL
21. 1 3/4" THICK STC-50 SOUND LEVEL 4 ACOUSTIC METAL DOOR W/ RF SHIELDING SEALS AND SPLIT 14 GA. MIN METAL FRAME. DOOR LEAF AND FRAME MUST BE PURCHASED TOGETHER AS A SET
22. 3 5/8" 16GA HEADER TRACK
23. CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT ALONG TOP, BOTTOM, LEFT AND RIGHT JOINTS WITH PERPENDICULAR SURFACES. SEE GENERAL WALL CONSTRUCTION NOTE "2".
24. INSTALL EMI CONDUCTIVE FABRIC OR EMI SHIELDING LAMINATE ON ALL SS PERIMETER WALLS CONTINUOUSLY AND GROUND (DO NOT DEMO DRYWALL). SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF PERIMETER WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS FOR OPTIMAL PERFORMANCE OF THE MATERIAL. SUBMIT PRODUCT CUTSHEETS FOR APPROVAL. FINISH WITH P-1

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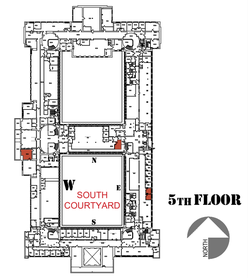
CERTIFICATIONS



5TH FLOOR

REVISION NOTES	DATE	MARK	DESCRIPTION

3" =1'-0"

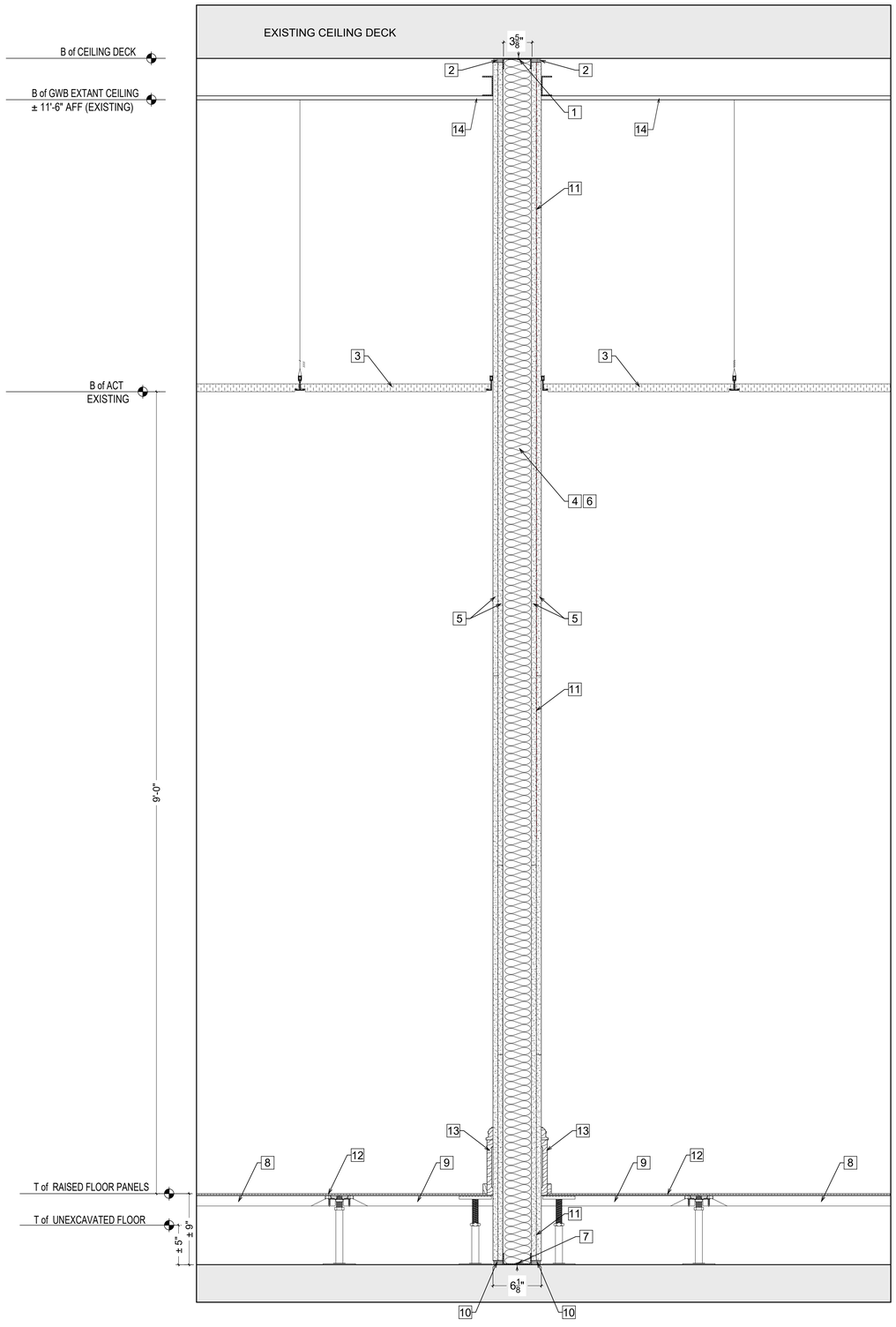
3" 2" 1" 0 2" 4" 6" 8"

CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	STC 50 WALL TYPE C AT DOOR
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 304
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 18 OF 43

WALL TYPE

D



A-1 STC-50 WALL TYPE D
1 1/2" = 1'-0"

GENERAL WALL CONSTRUCTION NOTES

1. STC-50 WALL FRAMING: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF CEILING PLATE (TRUE CEILING). BRACING AS REQUIRED. STC-50 WALL MUST BE CONSTRUCTED AS DEPICTED IN COMPLIANCE W/ ICD/ICS 705 STC-50 REQUIREMENT OR BETTER, SOUND GROUP 4.
2. CONTINUOUS CAULK AT ALL INTERSECTIONS BETWEEN THE PARTITION / WALL W/ OTHER SURFACES ON BOTH SIDES AIR TIGHT (HORIZONTAL-DECK OR VERTICAL- OTHER WALLS) WITH NON HARDENING CAULK SUCH AS:
   A. NON-HARDENING POLYURETHANE TYPE, ASTM C920, TYPE M, CLASS 25, GRADE NS: TREMCO "DYMERIC 511" OR APPROVED EQUAL.
   B. NON-HARDENING POLYSULPHIDE TYPE, ASTM C920, ONE- PART: PECORA "GC-9" OR EQUAL
   C. NON-HARDENING SILICONE TYPE, ASTM C920, TYPE S, CLASS 25, GRADE NS, ONE-PART, LOW MODULE USGE "SILPRUF", DOW CORNING 790, TREMCO "SPECTRUM" 1 INCH, PECORA 864, OR APPROVED EQUAL.
3. STC-50 WALL (NEW & EXISTING PORTIONS) MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF FLOOR PLATE (TRUE CEILING).
4. ALL GWB INSTALLATION MUST BE AS FOLLOWS:
   A. PANEL INSTALLATION TO BE FULL WALL HEIGHT FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF CEILING PLATE (TRUE CEILING) OR FILLING ENTIRE OPENING WHEN A DOOR OR WINDOW HAS BEEN REMOVED;
   B. CROSS LAY ALL MULTIPLE LAYERS OF GWB. DO NOT LAY ONE SEAM DIRECTLY OVER THEONE BENEATH;
   C. FILL ALL SEAMS BETWEEN THE GWB SHEETS W/ ACOUSTIC SEALANT PRIOR TO TAPING AND SPACKLING SEAMS;
   D. APPLY P-1 FINISH AS PER FINISHES SCHEDULE.
5. FURNISH AND INSTALL BLOCKING AS REQUIRED AT ALL LOCATIONS FOR THE PROPER AND SECURE INSTALLATION OF ALL WALL MOUNTED EQUIPMENT OR MILLWORK WHETHER SPECIFICALLY NOTED IN THE DRAWINGS OR NOT.
6. INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY. INSTALL RFOIL AS FOLLOWS:
   A. SHIELDING IS TO BE INSTALLED BETWEEN THE INTERIOR GWB LAYERS CONTINUOUSLY;
   B. INSTALL SHIELDING FULL WALL HEIGHT FROM FLOOR DECK TO CEILING DECK CONTINUOUSLY (SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF PERIMETER WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING);
   C. OVERLAP FOIL MIN 8" AT CEILING DECK AND FLOOR DECK OR AS RECOMMENDED BY FOIL MANUFACTURER;
   D. OVERLAP FOIL SHEETS MIN 8" OR AS RECOMMENDED BY FOIL MANUFACTURER;
   E. USE THE GLUE RECOMMENDED BY FOIL MANUFACTURER
   F. GROUND RF SHIELDING

   SUBMIT PRODUCT CUTSHEETS FOR APPROVAL

KEY NOTES

1 12 GA CONTINUOUS TRACK "TOP PLATE" ANCHORED TO UNDERSIDE OF ROOF STRUCTURE. PROVIDE BUILT-UP COLD FORMED METAL FRAMING ABOVE TOP TRACK AS NEEDED TO ATTACH TOP OF WALL TIGHT TO UNDERSIDE OF STRUCTURE. VIF

2 CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT IN ALL VOIDS. SEE GENERAL WALL CONSTRUCTION NOTE "2".

3 ADJUSTED ACT + GRID CEILING

4 3 5/8" 16 GA METAL STUDS @ 16" o.c. STC-50 WALL CONSTRUCTED AS PER GENERAL CONSTRUCTION NOTES

5 (2) LAYERS OF GWB 5/8" THICK EACH INSTALLED AS PER GENERAL WALL CONSTRUCTION NOTE "4". TYPE OF GWB PANELS MUST BE AS FOLLOWS:

(1) LAYER OF GOLD BOND SOUND BREAK XP;
(1) LAYER OF GOLD BOND FIRE-SHIELD.

6 3 1/2" ROCKWOOL ACOUSTICAL FIRE BATT INSULATION OR EQUAL FULL HEIGHT MATERIAL MUST BE FASTENED IN SUCH WAY AS TO PREVENT IT FROM SLIDING DOWN, LEAVING A VOID AT THE TOP.

7 12 GA METAL CONTINUOUS RUNNER ANCHORED w/ TAPCON FASTENERS, EMBEDDED INTO BRICK VAULT TYP.
MECHANICAL FASTENERS TO BE AS FOLLOWS: ASTM C1513, CORROSION- RESISTANT- COATED, SELF-DRILLING, & SELF-TAPPING DRILL SCREWS. INSTALL PER MANUFACTURER'S REQUIREMENTS.

BED TRACK IN NON-METALLIC, SHRINKAGE-RESISTANT GROUT AS FOLLOWS: ASTM C 1107, FACTORY-PACKAGED, NONMETALLIC AGGREGATE GROUT, NON CORROSIVE AND NON STAINING, MIXED W/ WATER TO CONSISTENCY SUITABLE FOR APPLICATION AND 30-MINUTE WORKING TIME. VERIFY DEPTH IN FIELD

8 EXISTING TATE FLOOR PANEL TO REMAIN AS IS

9 EXISTING TATE FLOOR PANEL TO BE ADJUSTED TO ALLOW FOR THE CONSTRUCTION OF THE NEW STC-50 WALL . CUT PANEL WITHIN $\frac{1}{16}$" OFF THE WALL EACH SIDE

10 CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT ALONG TOP, BOTTOM, LEFT AND RIGHT JOINTS WITH PERPENDICULAR SURFACES. SEE GENERAL WALL CONSTRUCTION NOTE "2".

11 INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY AND GROUND IT. SHIELDING IS TO BE INSTALLED AS PER GENERAL CONSTRUCTION NOTE 6. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS FOR OPTIMAL PERFORMANCE OF THE MATERIAL.

12 EXISTING CARPET TILE TO BE MODIFIED TO ALLOW FOR THE WALL INSTALLATION

13 NEW WOOD BASE TO MATCH EXISTING

14 EXISTING GWB CEILING TO BE REMOVED AS NEEDED TO INSTALL NEW WALL. AFTERWARDS, GWB MUST BE RE-SUPPORTED AND CAULKED TO MAINTAIN FIRE RATING. BOTH SIDES

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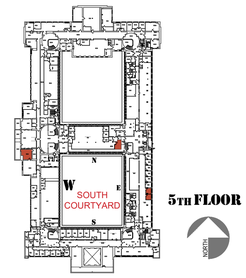
CERTIFICATIONS



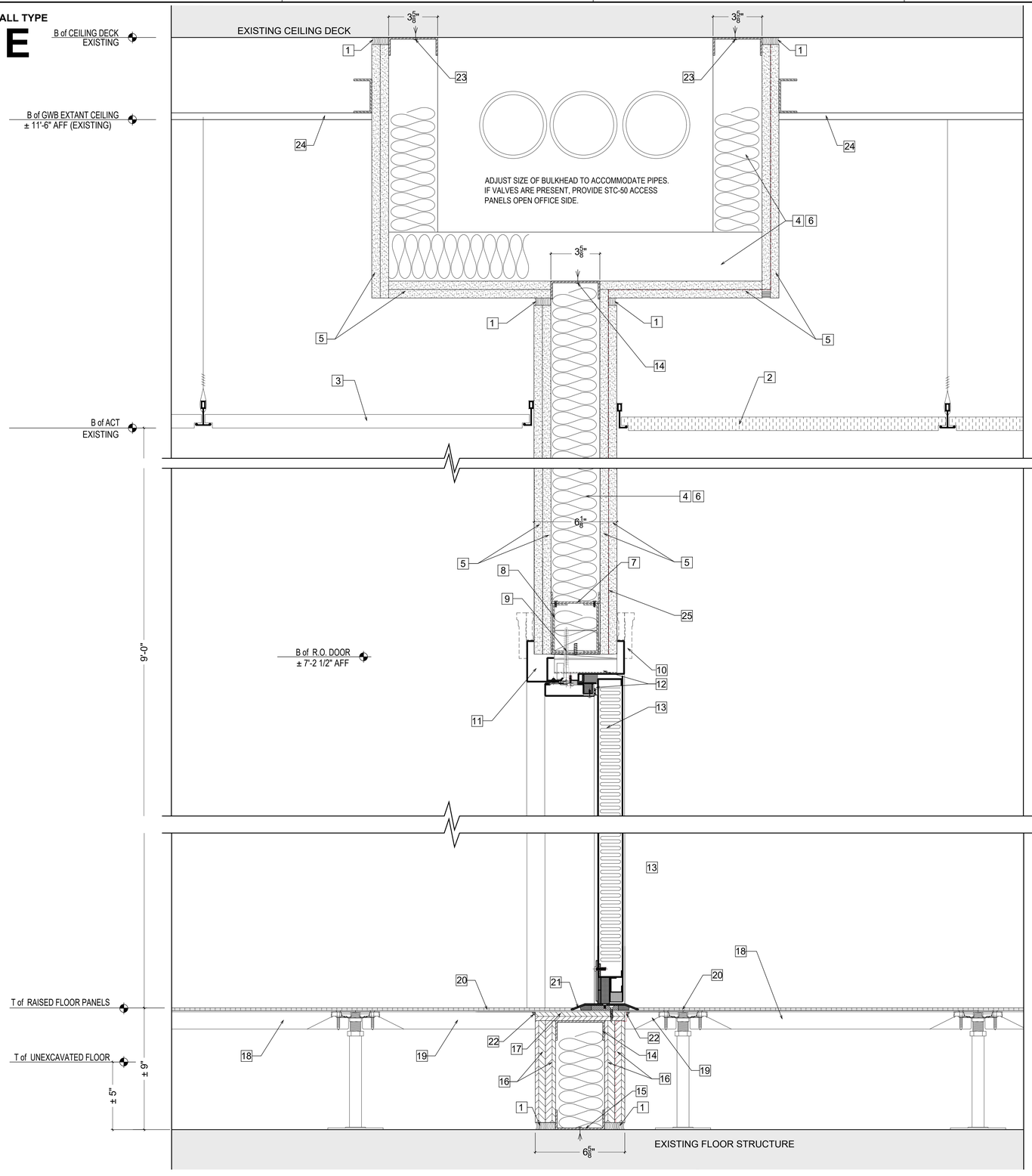
REVISION NOTES	DATE	MARK	DESCRIPTION

3" =1'-0"
3" 2" 1" 0 2" 4" 6" 8"
CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	STC 50 WALL TYPE D
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 305
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 19 OF 43

WALL TYPE

E



A-1 STC-50 WALL TYPE E AT STC-50 DOOR W/ BULKHEAD

3" = 1'-0"

GENERAL WALL CONSTRUCTION NOTES

1. STC-50 WALL FRAMING BELOW DOOR THRESHOLD: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF DOOR OPENING THRESHOLD, ABOVE DOOR OPENING: 3 5/8" 16 GA METAL STUDS @ 16" o.c. FROM DOOR HEADER TO UNDER- SIDE OF BULKHEAD.
   STC-50 BULKHEAD FRAMING: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM TOP OF WALL TO UNDER- SIDE OF ROOF DECK (TRUE CEILING.) CONSTRUCT STC-50 ASSEMBLY AS DEPICTED IN COMPLIANCE W/ ICD/ICS 705 STC-50REQUIREMENTS OR SOUND GROUP 4.
2. CONTINUOUS CAULK AT ALL INTERSECTIONS BETWEEN THE PARTITION / WALL W/ OTHER SURFACES ON BOTH SIDES AIR TIGHT (HORIZONTAL-DECK OR VERTICAL- OTHER WALLS) WITH NON HARDENING CAULK SUCH AS:
   A. NON-HARDENING POLYURETHANE TYPE, ASTM C920, TYPE M, CLASS 25, GRADE NS, TREMCO "DYMERIC 511" OR APPROVED EQ
   B. NON-HARDENING POLYSULPHIDE TYPE, ASTM C920, ONE- PART: PECORA "GC-9" OR EQUAL
   C. NON-HARDENING SILICONE TYPE, ASTM C920, TYPE S, CLASS 25, GRADE NS, ONE-PART, LOW MODULE USGE "SILPRUF", DOW CORNING 790, TREMCO "SPECTRUM" 1 INCH, PECORA 864, OR APPROVED EQUAL.
3. STC-50 WALL (NEW & EXISTING PORTIONS) MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF FLOOR PLATE (TRUE CEILING).
4. ALL GWB INSTALLATION MUST BE AS FOLLOWS:
   A. PANEL INSTALLATION TO BE FULL WALL HEIGHT FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF CEILING PLATE (TRUE CEILING) OR FILLING ENTIRE OPENING WHEN A DOOR OR WINDOW HAS BEEN REMOVED;
   B. CROSS LAY ALL MULTIPLE LAYERS OF GWB. DO NOT LAY ONE SEAM DIRECTLY OVER THE ONE BENEATH;
   C. FILL ALL SEAMS BETWEEN THE GWB SHEETS W/ ACOUSTIC SEALANT PRIOR TO TAPING AND SPACKLING SEAMS;
   D. APPLY P-1 FINISH AS PER FINISHES SCHEDULE.
5. FURNISH AND INSTALL BLOCKING AS REQUIRED AT ALL LOCATIONS FOR THE PROPER AND SECURE INSTALLATION OF ALL WALL MOUNTED EQUIPMENT OR MILLWORK WHETHER SPECIFICALLY NOTED IN THE DRAWINGS OR NOT.
6. INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY. INSTALL RFOIL AS FOLLOWS:
   A. SHIELDING IS TO BE INSTALLED BETWEEN THE INTERIOR GWB LAYERS CONTINUOUSLY;
   B. INSTALL SHIELDING FULL WALL HEIGHT FROM FLOOR DECK TO CEILING DECK CONTINUOUSLY (SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF PERIMETER WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING);
   C. OVERLAP FOIL MIN 8" AT CEILING DECK AND FLOOR DECK OR AS RECOMMENDED BY FOIL MANUFACTURER;
   D. OVERLAP FOIL SHEETS MIN 8" OR AS RECOMMENDED BY FOIL MANUFACTURER;
   E. USE THE GLUE RECOMMENDED BY FOIL MANUFACTURER
   F. GROUND RF SHIELDING
   SUBMIT PRODUCT CUTSHEETS FOR APPROVAL

KEY NOTES

1. CONT. ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT IN ALL VOIDS. SEE GEN. WALL CONST. NOTE 2.
2. NEW ACT + GRID CEILING AS PER FINISHES SCHEDULE. HEIGHT TO BE SET TO CLEAR PERIMETER WINDOWS. CONFIRM HEIGHT ON SITE
3. EXISTING ACT + GRID CEILING TO REMAIN AS IS
4. 3 5/8" 16 GA METAL STUDS @ 16" o.c. AS PER GENERAL WALL CONSTRUCTION NOTES
5. (2) LAYERS OF GWB 5/8" THICK EACH INSTALLED AS PER GENERAL WALL CONSTRUCTION NOTE 4. TYPE OF GWB PANELS MUST BE (1) LAYER OF GOLD BOND SOUND BREAK XP + (1) LAYER OF GOLD BOND FIRE-SHIELD.
6. 3 1/2" ROCKWOOL ACOUSTICAL FIRE BATT INSULATION OR EQUAL FULL HEIGHT MATERIAL MUST BE FASTENED IN SUCH WAY AS TO PREVENT IT FROM SLIDING DOWN, LEAVING A VOID AT THE TOP.
7. TRACK FOR CRIPPLE STUD ATTACHMENT. USE (2) SCREWS AS PER MANUF. SPEC. @ 16" O.C.
8. (2) 16GA 3 5/8" "C" CHANNEL FACING EACH OTHER ON RUNNER W/ WOOD BLOCKING BEVELED TO FIT
9. 3 5/8" 16GA HEADER TRACK W/ 2 X PT PLATE. BEVEL PLATE TO FIT
10. CLEAR POPLAR CASING AS PER FINISHES SCHEDULE
11. 14 GA. MIN. STEEL FRAME (ASTM 1008). FRAME IS TO BE REINFORCED WHERE HARDWARE IS TO BE FIELD-MOUNTED. FILL FRAME WITH 6 TO 12 LB DENSITY ROCKWOOL
12. ACOUSTIC SEALS (SEE DOOR HEAD DETAIL A-505)
13. 1 3/4" STC-50 LEVEL 4 ACOUSTIC METAL STC-50 DOOR W/ RF SHIELDING SEALS
14. 3 5/8" 16GA HEADER TRACK ANCHORED TO THE UNDERSIDE OF THE BULKHEAD
15. 12 GA METAL CONTINUOUS RUNNER ANCHORED w/ TAPCON FASTENERS, EMBEDDED INTO BRICK VAULT TYP. MECHANICAL FASTENERS TO BE AS FOLLOWS: ASTM C1513, CORROSION- RESISTANT- COATED, SELF-DRILLING, & SELF-TAPPING DRILL SCREWS. INSTALL PER MANUFACTURER'S REQUIREMENTS. BED TRACK IN NON-METALLIC, SHRINKAGE-RESISTANT GROUT AS FOLLOWS: ASTM C 1107, FACTORY-PACKAGED, NONMETALLIC AGGREGATE GROUT, NON CORROSIVE AND NON STAINING, MIXED W/ WATER TO CONSISTENCY SUITABLE FOR APPLICATION AND 30-MINUTE WORKING TIME. VERIFY DEPTH IN FIELD
16. (2) LAYERS OF 3/4" PLYWOOD
17. (1) LAYER OF 3/4" PLYWOOD
18. EXISTING TATE FLOOR PANEL TO REMAIN AS IS
19. EXISTING TATE FLOOR PANEL TO BE REINSTALLED AFTER THE CONSTRUCTION OF THE NEW STC-50 WALL PORTION (UNDER SIDE) AND THE INSTALLATION OF THE NEW STC-50 DOOR ARE COMPLETED
20. EXISTING CARPET TILE TO REMAIN AS IS, EXCEPT TO ALLOW FOR THRESHOLD AND WALL INSTALLATION
21. ANODIZED ALUMINUM THRESHOLD SET IN ACOUSTIC SEALANT OR CAULKING
22. ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT ALONG TOP, BOTTOM, LEFT AND RIGHT JOINTS WITH PERPENDICULAR SURFACES. SEE GENERAL WALL CONSTRUCTION NOTE "2".
23. 12 GA CONTINUOUS TRACK "TOP PLATE" ANCHORED TO UNDERSIDE OF ROOF STRUCTURE. PROVIDE BUILT-UP COLD FORMED METAL FRAMING ABOVE TOP TRACK AS NEEDED TO ATTACH TOP OF WALL TIGHT TO UNDERSIDE OF STRUCTURE. VIF
24. EXISTING GWB CEILING TO BE REMOVED AS NEEDED TO INSTALL NEW WALL. AFTERWARDS, GWB MUST BE RE-SUPPORTED AND CAULKED TO MAINTAIN FIRE RATING. BOTH SIDES
25. INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY AND GROUND IT. SHIELDING IS TO BE INSTALLED AS PER GENERAL CONSTRUCTION NOTE 6. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS FOR OPTIMAL PERFORMANCE OF THE MATERIAL.

MERIDIEN GROUP

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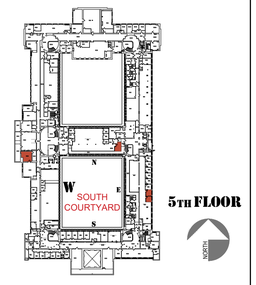


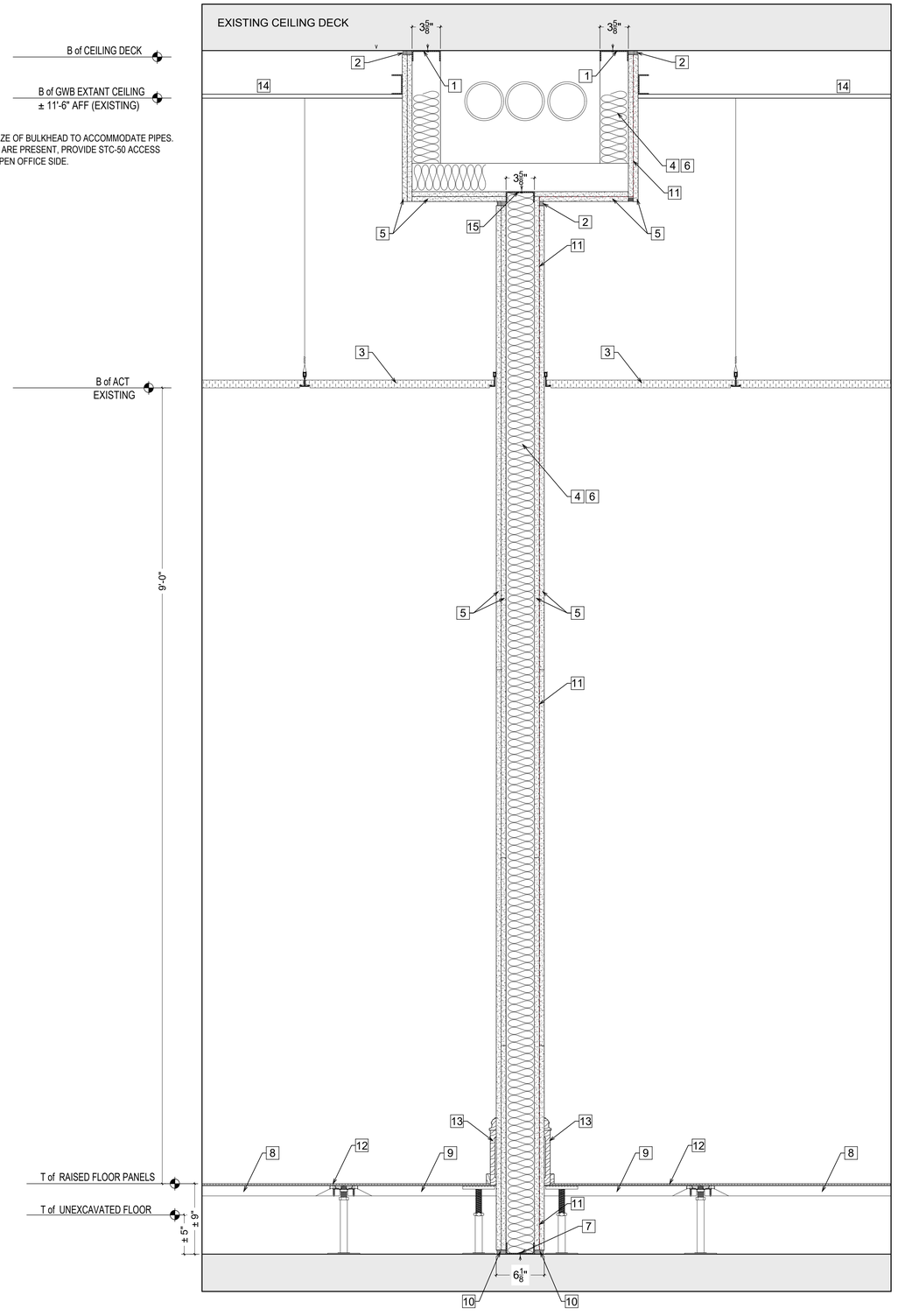
REVISION NOTES	DATE	MARK	DESCRIPTION

3" =1'-0"

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	STC-50 WALL TYPE E
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 306
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 20 OF 43

WALL TYPE

F



A-1 STC-50 WALL TYPE F
1 1/2" = 1'-0"

GENERAL WALL CONSTRUCTION NOTES

1. STC-50 WALL FRAMING: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF BULKHEAD. STC-50 BULKHEAD FRAMING: 3 5/8" 16 GA METAL STUDS @ 16" O.C. FROM TOP OF NEW STC-50 WALL TO UNDER- SIDE OF ROOF DECK (TRUE CEILING.) CONSTRUCT STC-50 ASSEMBLY AS DEPICTED IN COMPLIANCE W/ ICD/ICS 705 STC-50 REQUIREMENTS OR BETTER, SOUND GROUP 4.
2. CONTINUOUS CAULK AT ALL INTERSECTIONS BETWEEN THE PARTITION / WALL W/ OTHER SURFACES ON BOTH SIDES AIR TIGHT (HORIZONTAL-DECK OR VERTICAL- OTHER WALLS) WITH NON HARDENING CAULK SUCH AS:
   A. NON-HARDENING POLYURETHANE TYPE, ASTM C920, TYPE M, CLASS 25, GRADE NS: TREMCO "DYMERIC 511" OR APPROVED EQUAL.
   B. NON-HARDENING POLYSULPHIDE TYPE, ASTM C920, ONE- PART: PECORA "GC-9" OR EQUAL
   C. NON-HARDENING SILICONE TYPE, ASTM C920, TYPE S, CLASS 25, GRADE NS, ONE-PART, LOW MODULE USGE "SILPRUF", DOW CORNING 790, TREMCO "SPECTRUM" 1 INCH, PECORA 864, OR APPROVED EQUAL.
3. STC-50 WALL (NEW & EXISTING PORTIONS) MUST BE UNIFORMLY FINISHED ON BOTH SIDES, FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF FLOOR PLATE (TRUE CEILING).
4. ALL GWB INSTALLATION MUST BE AS FOLLOWS:
   A. PANEL INSTALLATION TO BE FULL WALL HEIGHT FROM FLOOR SLAB (TRUE FLOOR) TO UNDER- SIDE OF CEILING PLATE (TRUE CEILING) OR FILLING ENTIRE OPENING WHEN A DOOR OR WINDOW HAS BEEN REMOVED;
   B. CROSS LAY ALL MULTIPLE LAYERS OF GWB. DO NOT LAY ONE SEAM DIRECTLY OVER THEONE BENEATH;
   C. FILL ALL SEAMS BETWEEN THE GWB SHEETS W/ ACOUSTIC SEALANT PRIOR TO TAPING AND SPACKLING SEAMS;
   D. APPLY P-1 FINISH AS PER FINISHES SCHEDULE.
5. FURNISH AND INSTALL BLOCKING AS REQUIRED AT ALL LOCATIONS FOR THE PROPER AND SECURE INSTALLATION OF ALL WALL MOUNTED EQUIPMENT OR MILLWORK WHETHER SPECIFICALLY NOTED IN THE DRAWINGS OR NOT.
6. INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY. INSTALL RFOIL AS FOLLOWS:
   A. SHIELDING IS TO BE INSTALLED BETWEEN THE INTERIOR GWB LAYERS CONTINUOUSLY;
   B. INSTALL SHIELDING FULL WALL HEIGHT FROM FLOOR DECK TO CEILING DECK CONTINUOUSLY (SHIELDING MUST BE ALSO INSTALLED ON THE PORTION OF PERIMETER WALL UNDER THE RAISED FLOOR AND ABOVE THE ACT CEILING);
   C. OVERLAP FOIL MIN 8" AT CEILING DECK AND FLOOR DECK OR AS RECOMMENDED BY FOIL MANUFACTURER;
   D. OVERLAP FOIL SHEETS MIN 8" OR AS RECOMMENDED BY FOIL MANUFACTURER;
   E. USE THE GLUE RECOMMENDED BY FOIL MANUFACTURER
   F. GROUND RF SHIELDING

   SUBMIT PRODUCT CUTSHEETS FOR APPROVAL

KEY NOTES

1. 12 GA CONTINUOUS TRACK "TOP PLATE" ANCHORED TO UNDERSIDE OF ROOF STRUCTURE. PROVIDE BUILT-UP COLD FORMED METAL FRAMING ABOVE TOP TRACK AS NEEDED TO ATTACH TOP OF WALL TIGHT TO UNDERSIDE OF STRUCTURE. VIF
2. CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT IN ALL VOIDS. SEE GENERAL WALL CONSTRUCTION NOTE "2".
3. ADJUSTED ACT + GRID CEILING
4. 3 5/8" 16 GA METAL STUDS @ 16" o.c. AS PER GENERAL WALL CONSTRUCTION NOTES
5. (2) LAYERS OF GWB 5/8" THICK EACH INSTALLED AS PER GENERAL WALL CONSTRUCTION NOTE "4". TYPE OF GWB PANELS MUST BE AS FOLLOWS:
   (1) LAYER OF GOLD BOND SOUND BREAK XP;
   (1) LAYER OF GOLD BOND FIRE-SHIELD.
6. 3 1/2" ROCKWOOL ACOUSTICAL FIRE BATT INSULATION OR EQUAL FULL HEIGHT MATERIAL MUST BE FASTENED IN SUCH WAY AS TO PREVENT IT FROM SLIDING DOWN, LEAVING A VOID AT THE TOP.
7. 12 GA METAL CONTINUOUS RUNNER ANCHORED w/ TAPCON FASTENERS, EMBEDDED INTO BRICK VAULT TYP.
   MECHANICAL FASTENERS TO BE AS FOLLOWS : ASTM C1513, CORROSION- RESISTANT- COATED, SELF-DRILLING, & SELF-TAPPING DRILL SCREWS. INSTALL PER MANUFACTURER'S REQUIREMENTS.
   BED TRACK IN NON-METALLIC, SHRINKAGE-RESISTANT GROUT AS FOLLOWS: ASTM C 1107, FACTORY-PACKAGED, NONMETALLIC AGGREGATE GROUT, NON CORROSIVE AND NON STAINING, MIXED W/ WATER TO CONSISTENCY SUITABLE FOR APPLICATION AND 30-MINUTE WORKING TIME. VERIFY DEPTH IN FIELD
8. EXISTING TATE FLOOR PANEL TO REMAIN AS IS
9. EXISTING TATE FLOOR PANEL TO BE ADJUSTED TO ALLOW FOR THE CONSTRUCTION OF THE NEW STC-50 WALL . CUT PANEL WITHIN $\frac{1}{16}$" OFF THE WALL EACH SIDE
10. CONTINUOUS ACOUSTICAL SEALANT FIRE SAFE OR NON-SHRINK GROUT ALONG TOP, BOTTOM, LEFT AND RIGHT JOINTS WITH PERPENDICULAR SURFACES. SEE GENERAL WALL CONSTRUCTION NOTE "2".
11. INSTALL RF SHIELDING RFOIL ON ALL SS PERIMETER WALLS CONTINUOUSLY AND GROUND IT. SHIELDING IS TO BE INSTALLED AS PER GENERAL CONSTRUCTION NOTE 6. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS FOR OPTIMAL PERFORMANCE OF THE MATERIAL.
12. EXISTING CARPET TILE TO BE MODIFIED TO ALLOW FOR THE WALL INSTALLATION
13. NEW WOOD BASE TO MATCH EXISTING
14. EXISTING GWB CEILING TO BE REMOVED AS NEEDED TO INSTALL NEW WALL. AFTERWARDS, GWB MUST BE RE-SUPPORTED AND CAULKED TO MAINTAIN FIRE RATING. BOTH SIDES
15. 3 5/8" 16GA HEADER TRACK ANCHORED TO THE UNDERSIDE OF THE BULKHEAD

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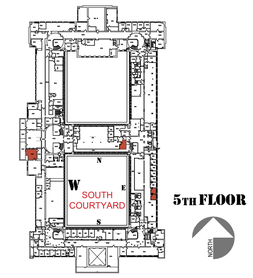
CERTIFICATIONS



REVISION NOTES

DATE	MARK	DESCRIPTION

3" =1'-0"
3" 2" 1" 0 2" 4" 6" 8"
CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
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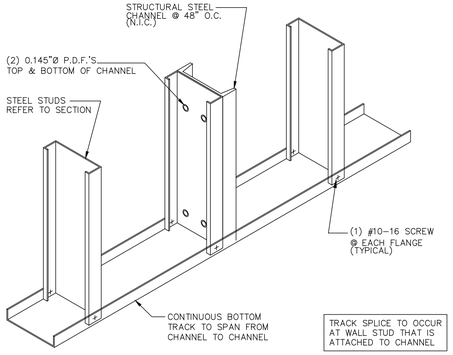
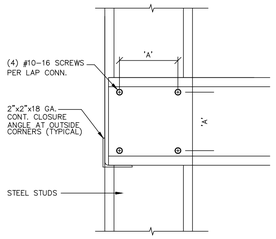
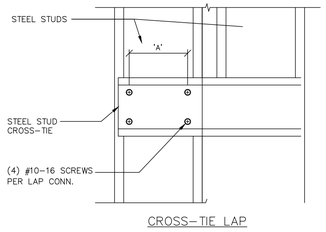
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	STC 50 WALL TYPE F
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 307
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 21 OF 43



C-1 INFILL FRAMING
NTS



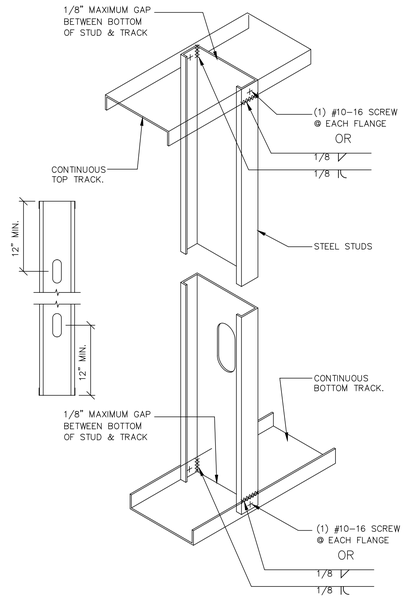
TYPICAL LAP



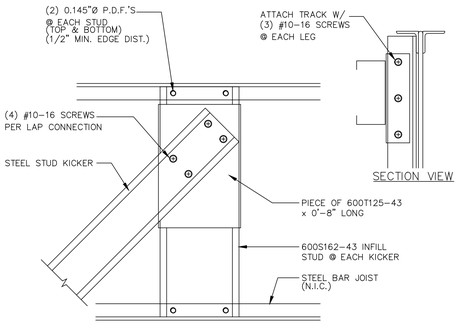
CROSS-TIE LAP

STUD DEPTH	'A'
3 5/8"	2 1/2"
6"	4"
8"	6"
10"	8"
12"	10"

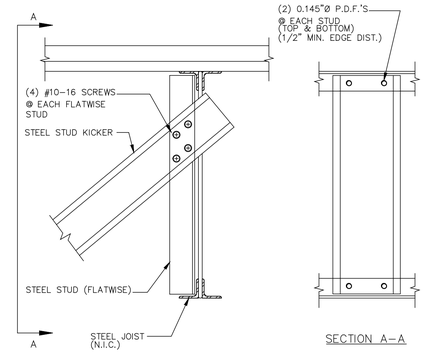
C-1 LAP DETAIL
NTS



C-3 STUD TO TRACK ATTACHMENT
NTS



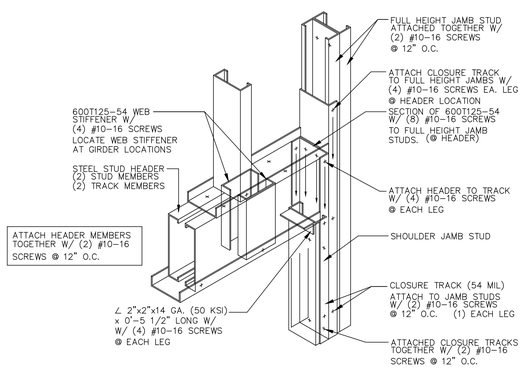
A-1 KICKER CONNECTION AT STEEL JOISTS PARALLEL



A-3 KICKER CONNECTION AT STEEL JOISTS PERPENDICULAR
NTS

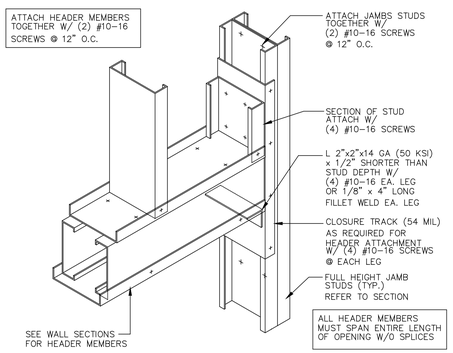
LOAD BEARING

HEADER - JAMB ATTACHMENT

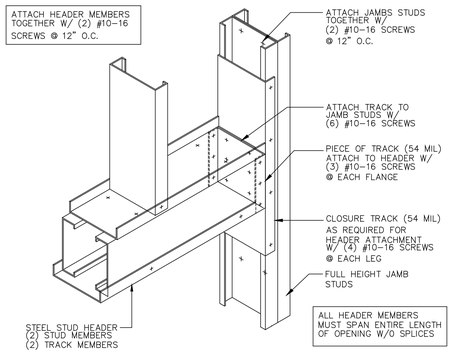


A-1 BOXED HEADER LOAD BEARING
NTS

HEADER - JAMB DETAIL CLIPPED



A-2 BOXED HEADER: JAMB DETAIL CLIPPED
NTS



A-4 BOXED HEADER: JAMB DETAIL TRACK / SHOE
NTS

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MERIDIEN GROUP, LLC
208 SOUTH KING ST. SUITE 303
LEESBURG, VA 20175
(703) 777-8285
www.meridiengroupllc.com

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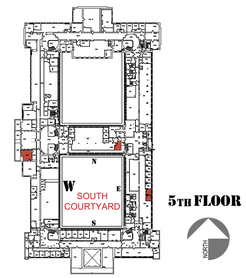
CERTIFICATIONS



REVISION NOTES

DATE	MARK	DESCRIPTION

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
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	CONS. WORK	
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	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
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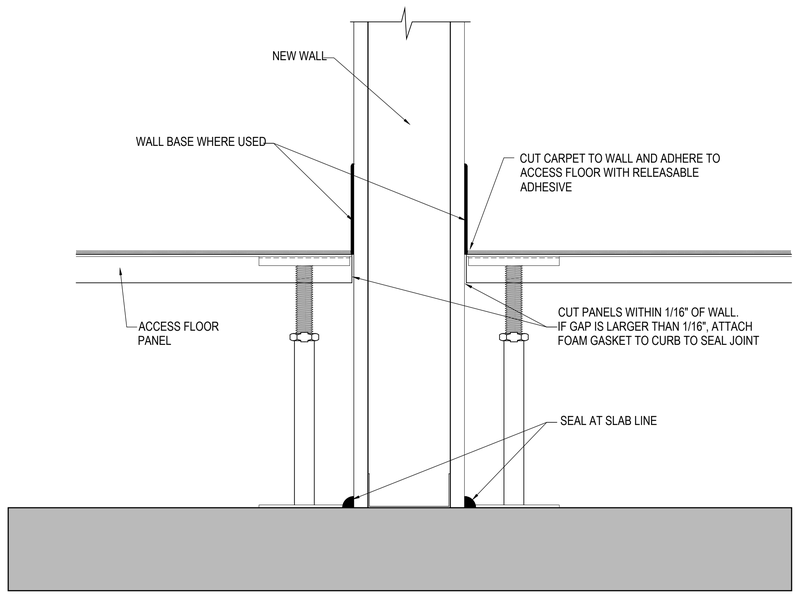
DRAWING	DRAWING TITLE	FRAMING DETAILS
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 501
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 22 OF 43



C-1 ACCESS FLOOR PERIMETER SEAL W/ WALL BASE
NTS

ADHESIVE AND SEALANTS. DEEP PENETRATIONS MUST BE CONTROLLED BY THE USE OF BACK-UP FILLER MATERIAL; SEE SEALANT MANUFACTURER'S RECOMMENDATIONS FOR THESE REQUIREMENTS.

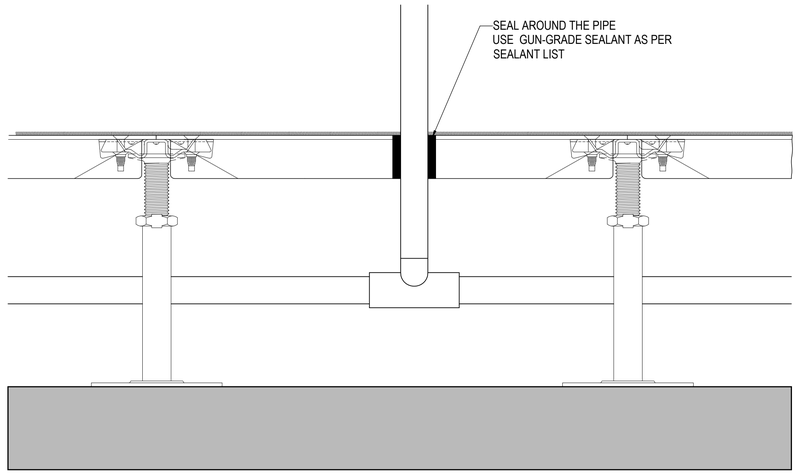
THE FOLLOWING ARE GUN-GRADE SEALANTS WHICH HAVE BEEN USED FOR AIR PLENUM SEALING AND COMPLY WITH THE VOC CONTENT LIMITS OF LEED EQ CREDIT 4.1 LOW EMITTING MATERIALS:

SEAL BOND 93 SEAM AND PENETRATION SEALANT.
VOC CONTENT: <17G/L.WWW.SEAL-BOND.COM

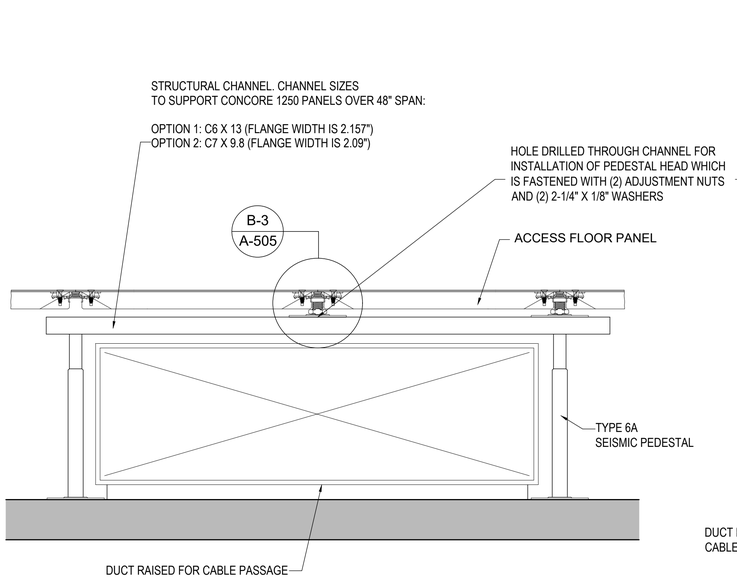
PECORA AC-20 ACRYLIC LATEX SEALANT.
VOC CONTENT: 31 G/L. WWW.PECORA.COM

RCD CORP. #20 CLEAR ACRYLIC ADHESIVE SEALANT.
VOC CONTENT: <10 G/L. WWW.RCDMASTICS.COM

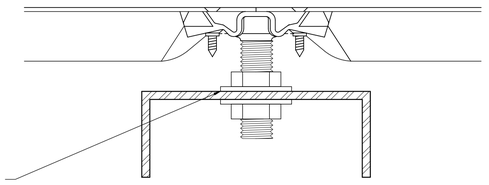
SONOLASTIC NP 1 ELASTOMERIC POLYURETHANE SEALANT.
VOC CONTENT: 43G/L. WWW.BUILDINGSYSTEMS.BASF.COM



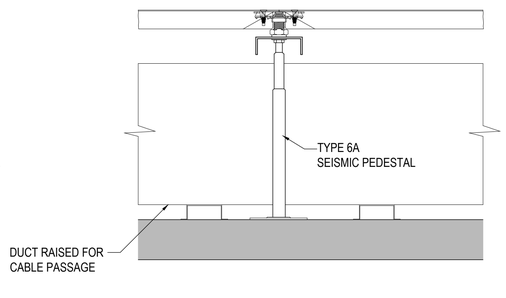
C-4 PIPE / CONDUIT PENETRATION
NTS



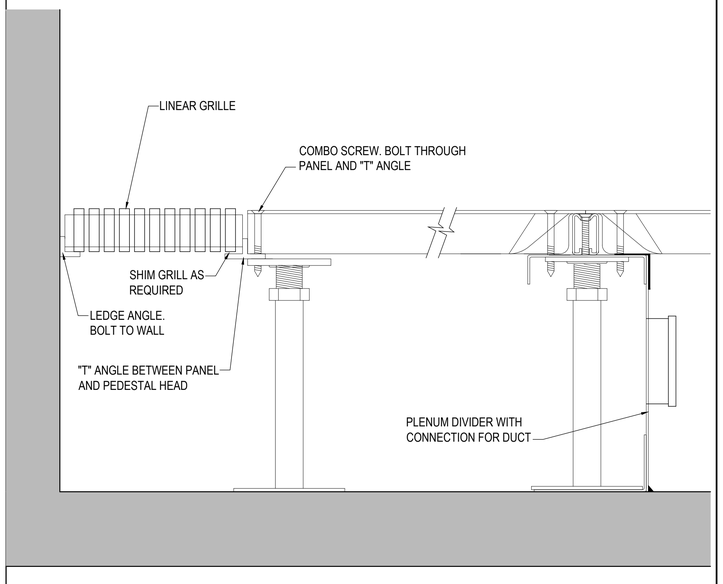
A-1 BRIDGING OVER DUCT ON SUBFLOOR SIDE VIEW
NTS



B-3 DETAIL END VIEW OF CHANNEL
NTS



A-3 BRIDGING OVER DUCT ON SUBFLOOR END VIEW
NTS



A-4 LINEAR GRILLE PERIMETER DETAIL
NTS

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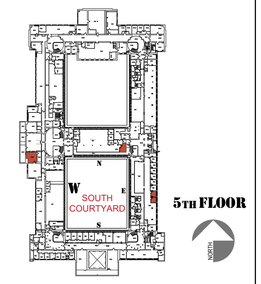

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DATE	MARK	DESCRIPTION

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
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BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
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	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	RAISED FLOOR DETAILS
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 502
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 23 OF 43

FLOOR TRANSITIONS BY FINISHING MATERIALS IN AREAS W/ ACCESS PANELS

THE FOLLOWING ARE GUN-GRADE SEALANTS WHICH HAVE BEEN USED FOR AIR PLENUM SEALING AND COMPLY WITH THE VOC CONTENT LIMITS OF LEED EQ CREDIT 4.1 LOW EMITTING MATERIALS:

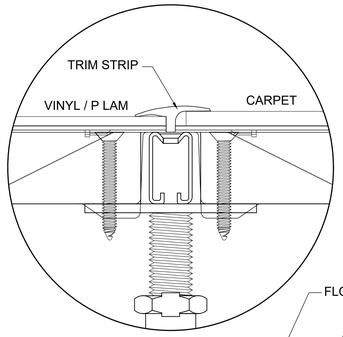
SEAL BOND 93 SEAM AND PENETRATION SEALANT.
VOC CONTENT: <17G/L.WWW.SEAL-BOND.COM

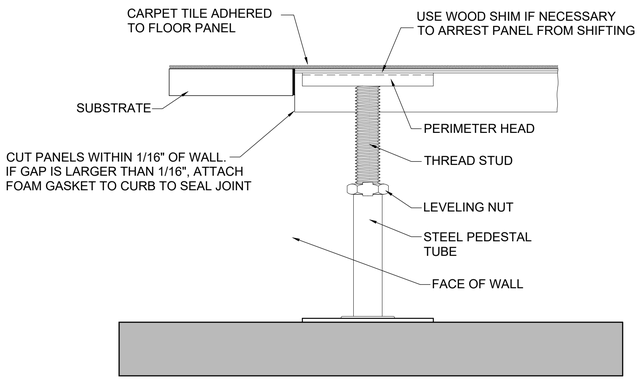
SONOLASTIC NP 1 ELASTOMERIC POLYURETHANE SEALANT.
VOC CONTENT: 43G/L. WWW.BUILDINGSYSTEMS.BASF.COM

PECORA AC-20 ACRYLIC LATEX SEALANT.
VOC CONTENT: 31 G/L. WWW.PECORA.COM

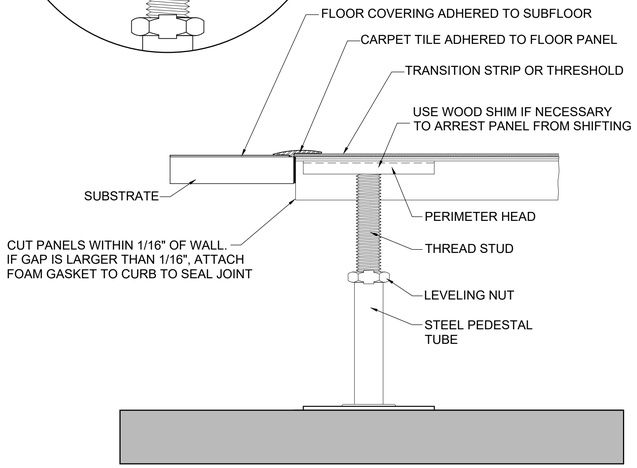
RCD CORP. #20 CLEAR ACRYLIC ADHESIVE SEALANT.
VOC CONTENT: <10 G/L. WWW.RCDMASTICS.COM

ADHESIVE AND SEALANTS. DEEP PENETRATIONS MUST BE CONTROLLED BY THE USE OF BACK-UP FILLER MATERIAL; SEE SEALANT MANUFACTURER'S RECOMMENDATIONS FOR THESE REQUIREMENTS.

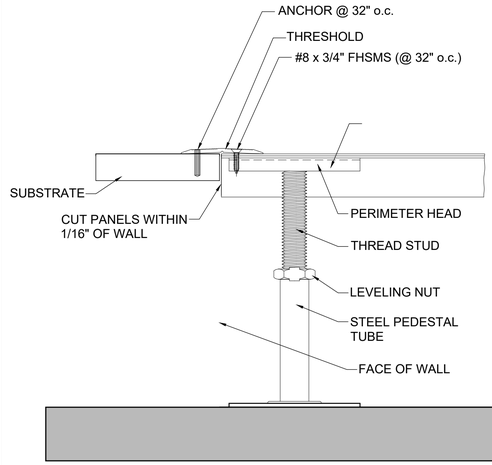




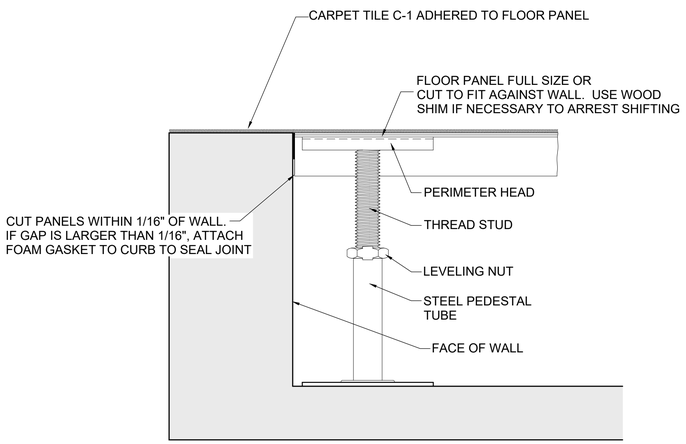
C-1 TRANSITION FROM CARPET TO CARPET
NTS



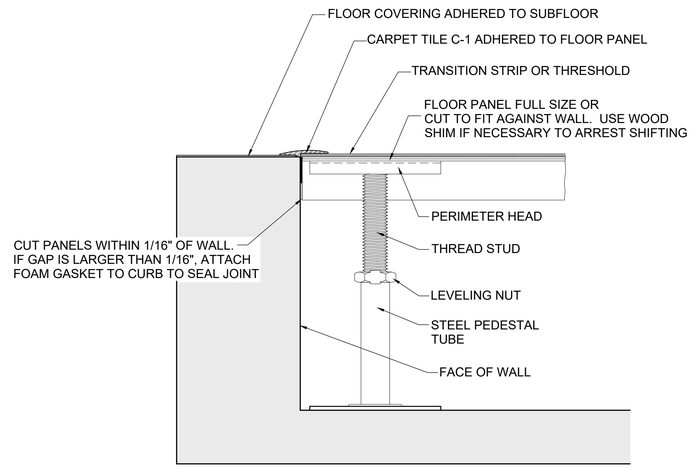
C-3 TRANSITION FROM CARPET TO OTHER FLOOR SURFACE
NTS



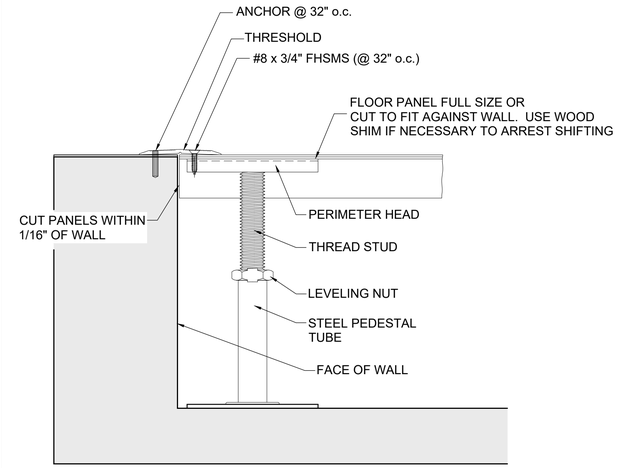
C-5 TRANSITION BETWEEN FLOOR SURFACES OTHER THAN CARPET
NTS



A-1 TRANSITION FROM CARPET TO CARPET
NTS



A-3 TRANSITION FROM CARPET TO OTHER FLOOR SURFACE
NTS



A-5 TRANSITION BETWEEN FLOOR SURFACES OTHER THAN CARPET
NTS

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LEESBURG, VA 20175
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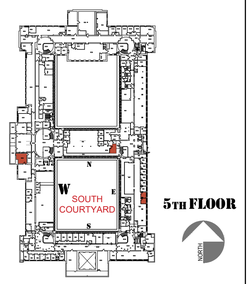

REVISION NOTES

DATE	MARK	DESCRIPTION

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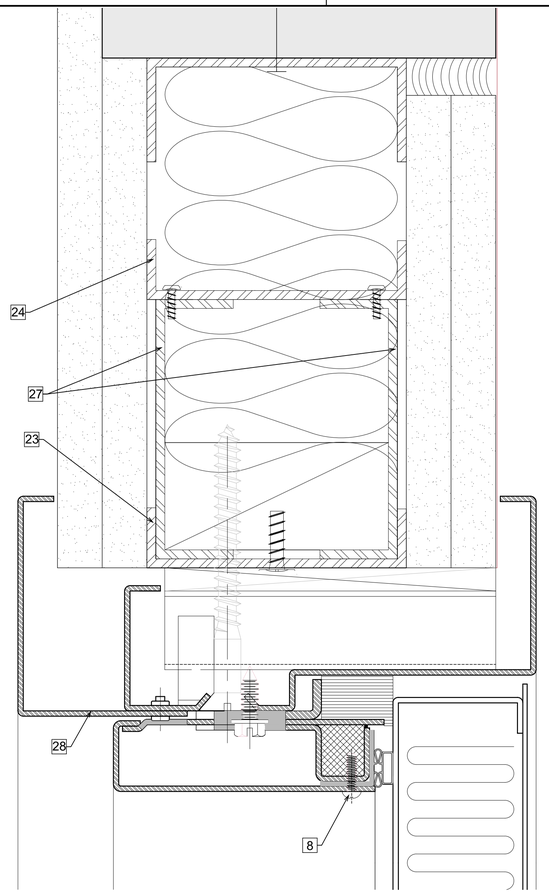
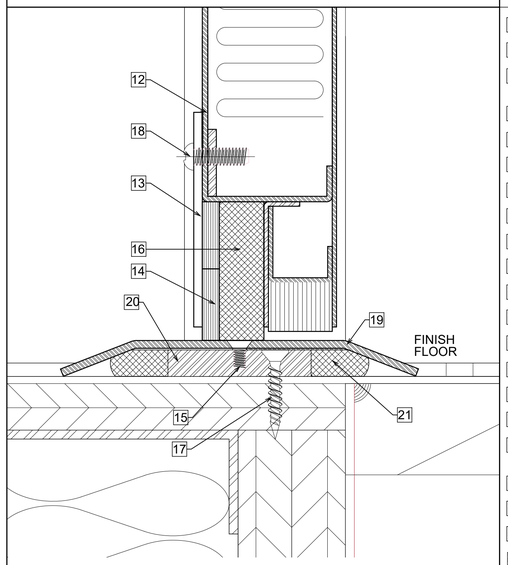


FRAME TYPE **F-1** & DOOR TYPE **A**

STEEL FRAME AND H.M. ACOUSTIC LEAF | STC-50 / RF 60 db

INSTALLATION AT NEW WEST CONFERENCE ROOM **5428**



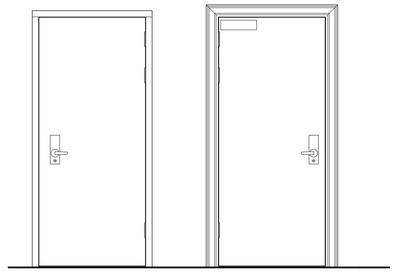
C-3 STEEL DOOR BOTTOM AND THRESHOLD DETAIL C
FULL SIZE

GENERAL NOTES

1. ACOUSTICAL PROPERTIES ARE BASED ON STC50 CONSTRUCTION.
2. DOOR AND FRAME TO RECEIVE ONE COAT OF RUST INHIBITIVE PRIMER.
3. FRAME IS EQUIPPED WITH SINGLE MAGNETIC SEALS AT HEAD AND JAMBS. DOOR IS EQUIPPED WITH A COMPRESSION DOOR BOTTOM.
4. DOOR WEIGHT IS 10.0 POUNDS PER SQUARE FOOT.
5. DOOR CAN BE EQUIPPED WITH STANDARD BUILDERS HARDWARE, CUSTOMER TO SPECIFY. CONCEALED HARDWARE IS NOT RECOMMENDED FOR ACOUSTICAL DOORS.
6. 14 GA. MIN SPLIT STEEL FRAME (ASTM 1008) W/ INTEGRAL TRIM. FRAME IS TO BE REINFORCED WHERE HARDWARE IS TO BE FIELD-MOUNTED. FRAME MUST HAVE ALL VOIDS IN HEAD AND JAMBS PACKED W/ 6 TO 12 POUND DENSITY MINERAL WOOL AND ALL VOIDS BETWEEN WALL & FRAME CONTINUOUSLY CAULKED.

KEY NOTES

1. SOLID NEOPRENE SOUND ISOLATOR
2. CONDUCTIVE MASK AND PEEL TAPE , STOP SIDE TRIM
3. #24 X 4" LONG FHWS ANCHORS TO BE ZINC PLATED WOOD BLOCKING REQ'D INSIDE METAL STUD
4. 1/8" POP RIVET SECURING BACKFRAME
5. #14 x 3/4" LONG HHSMS RETAINER TO JAMB SCREW
6. 3/4" x 3/4" SPONGE NEOPRENE
7. FLANGED MAGNETIC GASKET
8. #6 x 1/2" LONG RHMS RETAINER COVER SCREW
9. GASKET, 3 LAYERS
10. CONDUCTIVE MASK AND PEEL TAPE ON DOOR AND FRAME
11. CAM-LIFT HINGE
12. CONDUCTIVE MASK AND PEEL TAPE AT DOOR BOTTOM
13. 11 GA STAINLESS STEEL RETAINER PLATE
14. GASKET 2 PLACES
15. #10-24 X 3/8" LONG PHILLIPS DRIVE FLAT HEAD SS MACHINE SCREW
16. 5/8" x 2" SPONGE NEOPRENE
17. PERMANENT SPREADER BAR TO BE DRILLED BETWEEN THRESHOLD SCREWS FOR FLOOR ANCHORS 3/16" x 1-1/4" TAP-CON WITH STAR RECESS HEAD
18. 1/4"- 20 x 3/4" LONG PHILLIPS DRIVE PAN HEAD SS DOOR BOTTOM SCREW
19. 1/2" THICK STAINLESS STEEL THRESHOLD
20. GASKET BOTH SIDES OF SPREADER BAR
21. PERMANENT SPREADER BAR (3/8" x 2") DRILLED AND TAPPED FOR THRESHOLD
22. STEEL SCIF LEVEL 4 ACOUSTIC DOOR
23. 3 5/8" 16 GA HEADER TRACK
24. TRACK FOR CRIPPLE STUD ATTACHMENT. USE (2) SCREWS @ 16" O.C.
25. 3 5/8" 16GA JACK STUD W/ PT STUD (BEVEL AS NEEDED) TO ATTACH FRAME
26. 3 5/8" 16GA KING STUD (FULL LENGTH)
27. (2) 16GA 3 5/8" "C" CHANNEL FACING EACH OTHER ON RUNNER W/ WOOD BLOCKING BEVELED TO FIT
28. 14 GA MIN STEEL STC-50-RF PREPARED SPLIT FRAME AS PER GENERAL NOTE 6 AND A-602

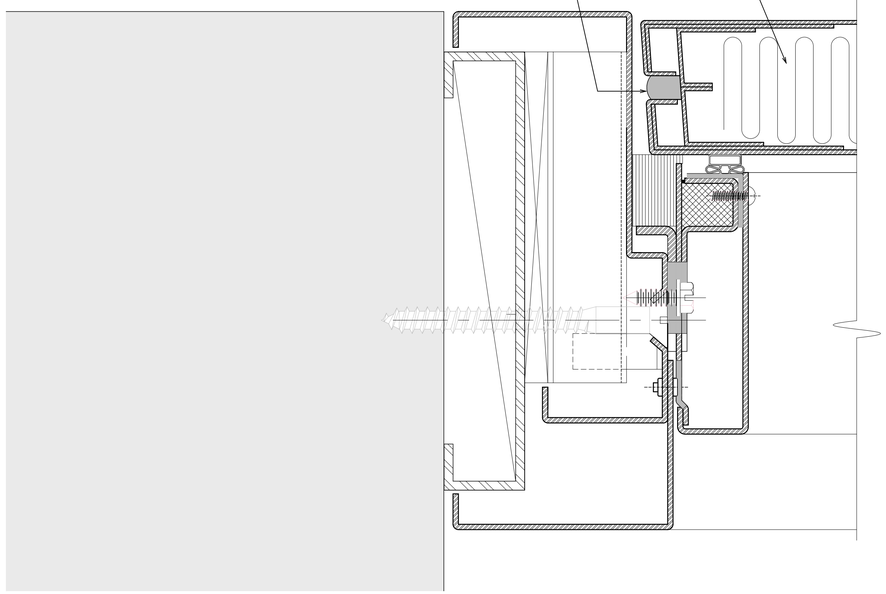


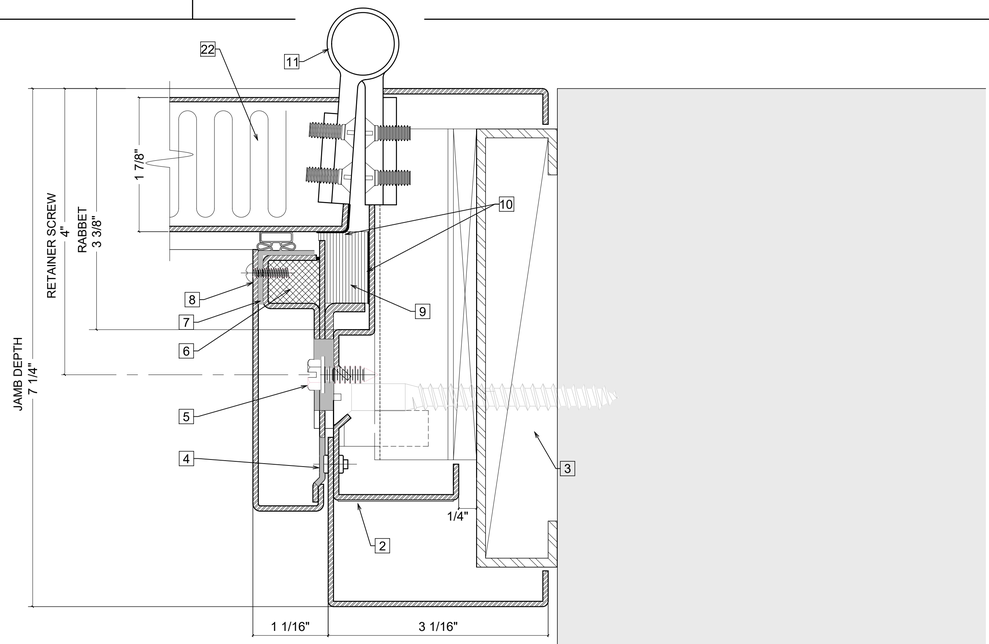
FRONT
OPEN OFFICE SIDE

BACK
CONFERENCE ROOM SIDE

D-3 DOOR ELEVATIONS WITH CASING
1/2" = 1'-0"

C-1 STEEL FRAME & DOOR HEAD DETAIL A
FULL SIZE





A-1 STEEL FRAME & DOOR DETAIL D | TYPICAL JAMB EDGE CONSTRUCTION EXCEPT AT LOCK AND HINGES CUTOUTS
FULL SIZE

A-3 STEEL FRAME & DOOR JAMB DETAIL B AT HINGE
FULL SIZE

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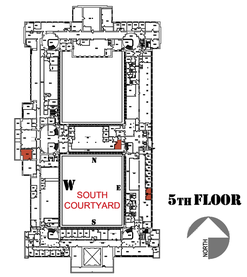
CERTIFICATIONS



REVISION NOTES

DATE	MARK	DESCRIPTION

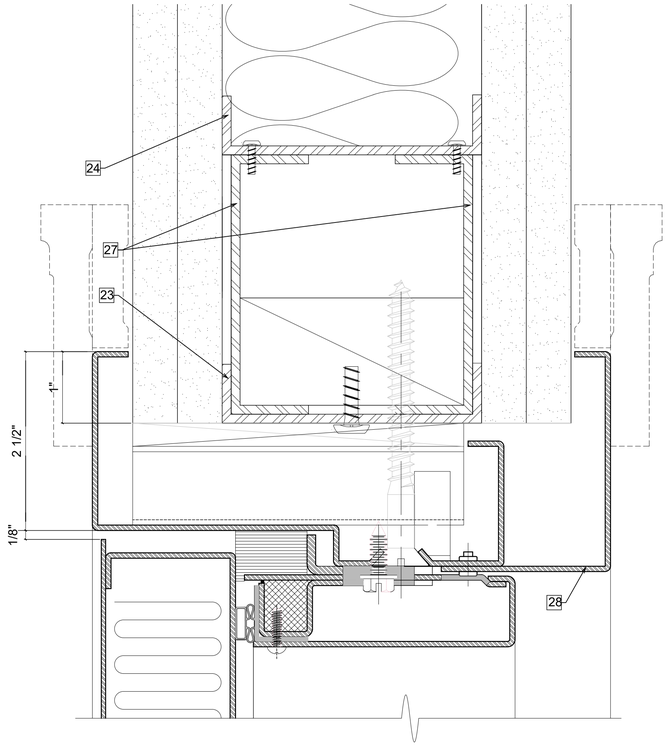
3" =1'-0"
3" 2" 1" 0 2" 4" 6" 8"
CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	STC-50 DOOR DETAILS
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 504
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 25 OF 43

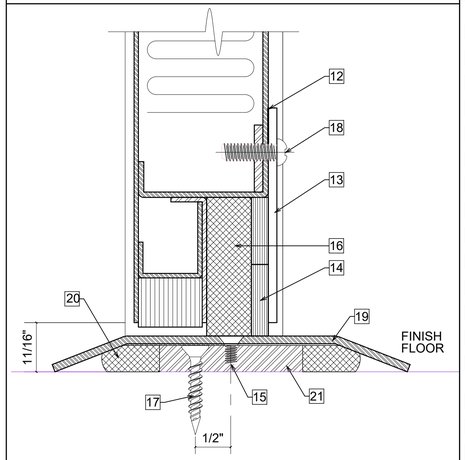
FRAME TYPE **F-1** & DOOR TYPE **A**

STEEL FRAME AND H.M. ACOUSTIC LEAF | STC-50 / RF 60 db

INSTALLATION AT NEW EAST OFFICES
5012 J & 5012 M



C-1 STEEL FRAME & DOOR HEAD DETAIL A
FULL SIZE



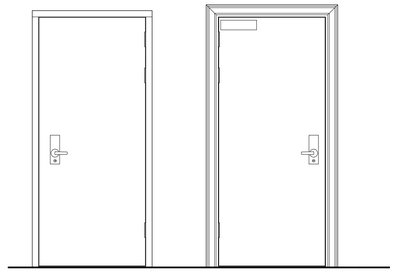
C-3 STEEL DOOR BOTTOM AND THRESHOLD DETAIL C
FULL SIZE

GENERAL NOTES

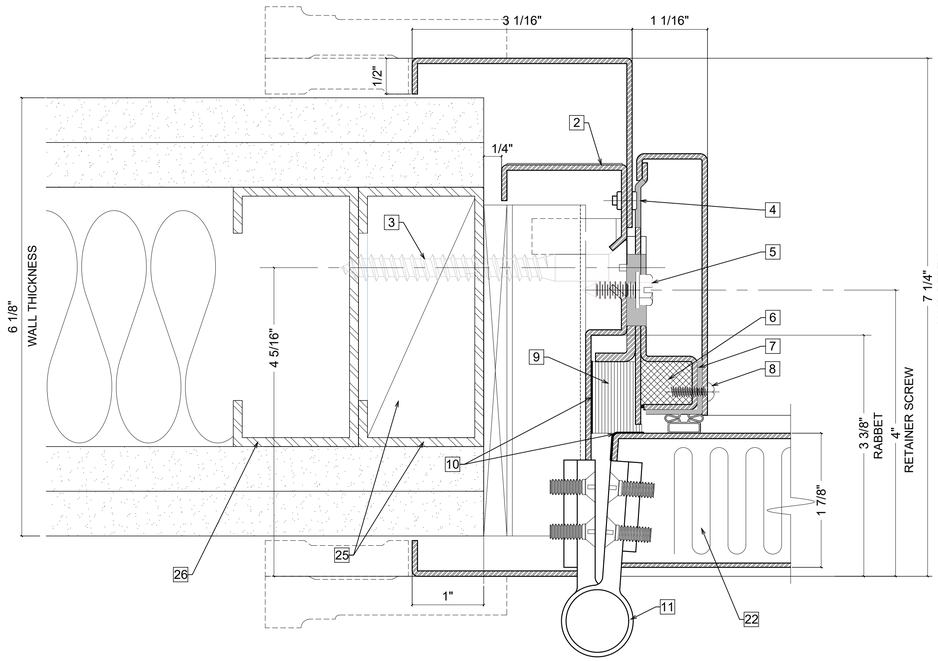
1. ACOUSTICAL PROPERTIES ARE BASED ON STC50 CONSTRUCTION.
2. DOOR AND FRAME TO RECEIVE ONE COAT OF RUST INHIBITIVE PRIMER.
3. FRAME IS EQUIPPED WITH SINGLE MAGNETIC SEALS AT HEAD AND JAMBS. DOOR IS EQUIPPED WITH A COMPRESSION DOOR BOTTOM.
4. DOOR WEIGHT IS 10.0 POUNDS PER SQUARE FOOT.
5. DOOR CAN BE EQUIPPED WITH STANDARD BUILDERS HARDWARE, CUSTOMER TO SPECIFY. CONCEALED HARDWARE IS NOT RECOMMENDED FOR ACOUSTICAL DOORS.
6. 14 GA. MIN SPLIT STEEL FRAME (ASTM 1008) W/ INTEGRAL TRIM. FRAME IS TO BE REINFORCED WHERE HARDWARE IS TO BE FIELD-MOUNTED. FRAME MUST HAVE ALL VOIDS IN HEAD AND JAMBS PACKED W/ 6 TO 12 POUND DENSITY MINERAL WOOL AND ALL VOIDS BETWEEN WALL & FRAME CONTINUOUSLY CAULKED.

KEY NOTES

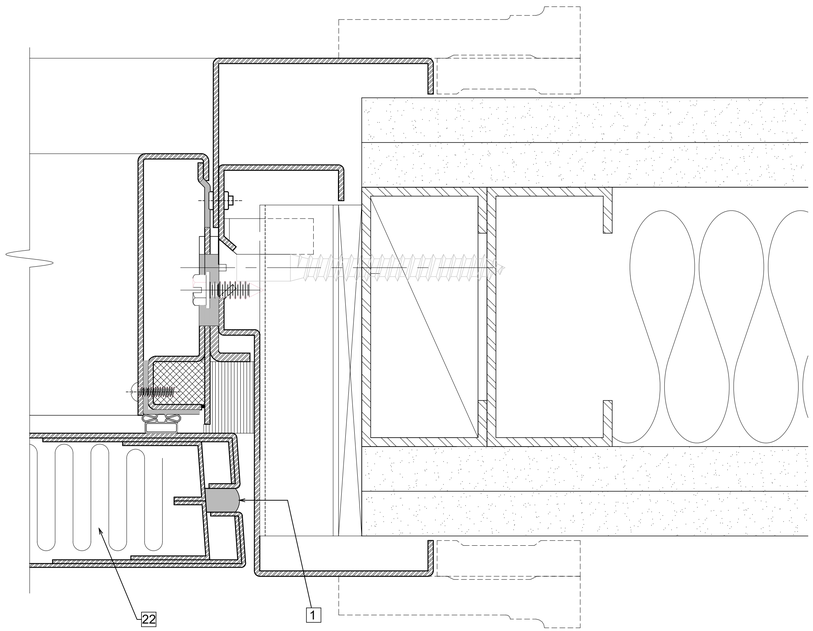
1	SOLID NEOPRENE SOUND ISOLATOR
2	CONDUCTIVE MASK AND PEEL TAPE , STOP SIDE TRIM
3	#24 X 4" LONG FHWS ANCHORS TO BE ZINC PLATED WOOD BLOCKING REQ'D INSIDE METAL STUD
4	1/8" POP RIVET SECURING BACKFRAME
5	#14 x 3/4" LONG HHSMS RETAINER TO JAMB SCREW
6	3/4" x 3/4" SPONGE NEOPRENE
7	FLANGED MAGNETIC GASKET
8	#6 x 1/2" LONG RHMS RETAINER COVER SCREW
9	GASKET, 3 LAYERS
10	CONDUCTIVE MASK AND PEEL TAPE ON DOOR AND FRAME
11	CAM-LIFT HINGE
12	CONDUCTIVE MASK AND PEEL TAPE AT DOOR BOTTOM
13	11 GA STAINLESS STEEL RETAINER PLATE
14	GASKET 2 PLACES
15	#10-24 X 3/8" LONG PHILLIPS DRIVE FLAT HEAD SS MACHINE SCREW
16	5/8" x 2" SPONGE NEOPRENE
17	PERMANENT SPREADER BAR TO BE DRILLED BETWEEN THRESHOLD SCREWS FOR FLOOR ANCHORS 3/16" x 1-1/4" TAP-CON WITH STAR RECESS HEAD
18	1/4"- 20 x 3/4" LONG PHILLIPS DRIVE PAN HEAD SS DOOR BOTTOM SCREW
19	1/2" THICK STAINLESS STEEL THRESHOLD
20	GASKET BOTH SIDES OF SPREADER BAR
21	PERMANENT SPREADER BAR (3/8" x 2") DRILLED AND TAPPED FOR THRESHOLD
22	STEEL SCIF LEVEL 4 ACOUSTIC DOOR
23	3 5/8" 16 GA HEADER TRACK
24	TRACK FOR CRIPPLE STUD ATTACHMENT. USE (2) SCREWS @ 16" O.C.
25	3 5/8" 16GA JACK STUD W/ PT STUD (BEVEL AS NEEDED) TO ATTACH FRAME
26	3 5/8" 16GA KING STUD (FULL LENGTH)
27	(2) 16GA 3 5/8" "C" CHANNEL FACING EACH OTHER ON RUNNER W/ WOOD BLOCKING BEVELED TO FIT
28	14 GA MIN STEEL STC-50 SPLIT FRAME AS PER GENERAL NOTE 6 AND A-602



D-3 DOOR ELEVATIONS WITH CASING
1/2" = 1'-0"



A-1 STEEL FRAME & DOOR JAMB DETAIL B AT HINGE
FULL SIZE



A-3 STEEL FRAME & DOOR DETAIL D | TYPICAL JAMB EDGE CONSTRUCTION EXCEPT AT LOCK AND HINGES CUTOUTS
FULL SIZE

MERIDIEN GROUP

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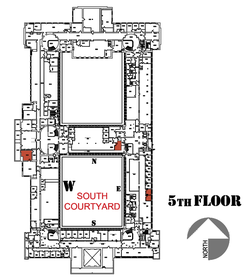
CERTIFICATIONS



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	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
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	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	STC-50 DOOR DETAILS
	FILE NAME	
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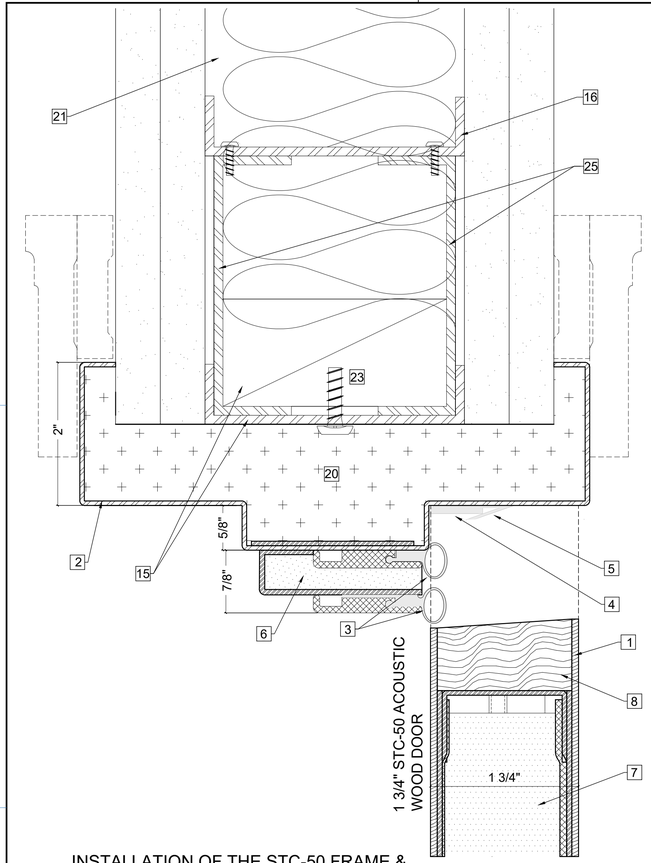
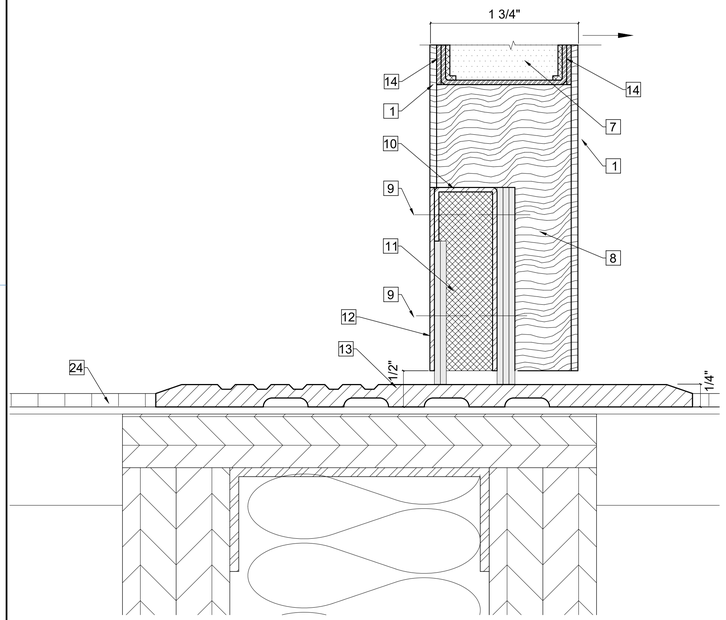
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 505
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 26 OF 43



INSTALLATION OF THE STC-50 FRAME & WOOD-CLAD DOOR / HEAD DETAIL A

B-1 FULL SIZE



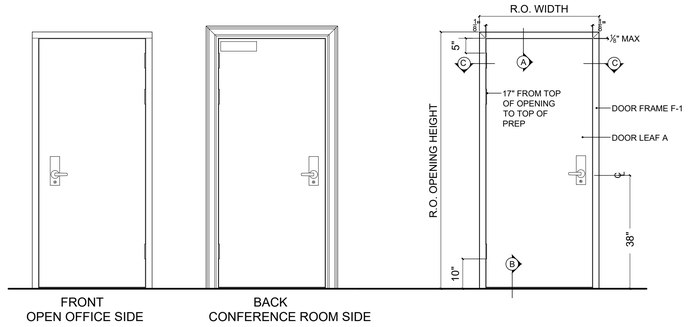
STC - 50 STEEL DOOR AND THRESHOLD DETAIL B

A-1 FULL SIZE

STC-50 STEEL FRAME FOR WOOD DOOR **FRAME TYPE F-2**

STC-50 SOLID CORE, WOOD CLAD ACOUSTIC DOOR **DOOR TYPE B**

INSTALLATION AT NEW NORTH OFFICE 5211 GG

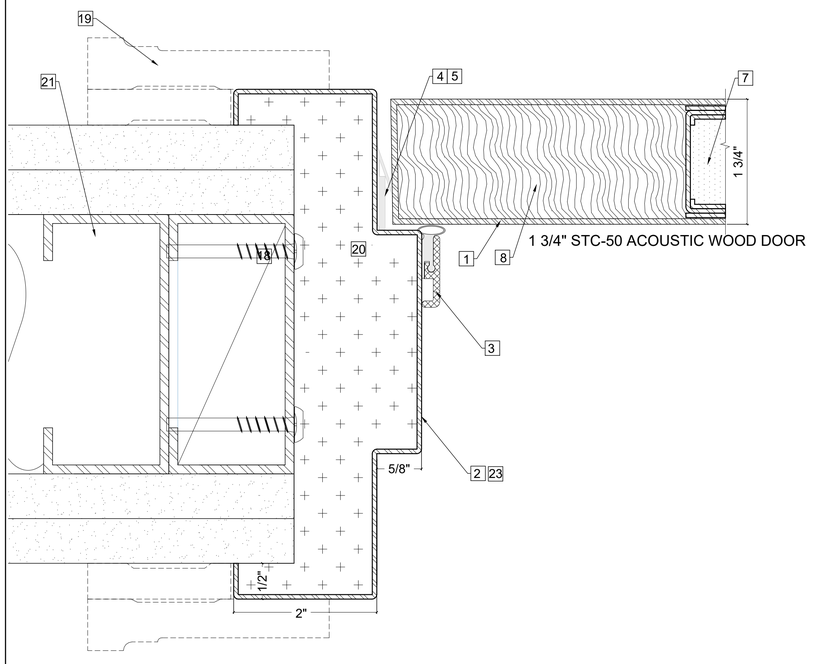


D-3 DOOR ELEVATIONS WITH CASING
1/2" = 1'-0"

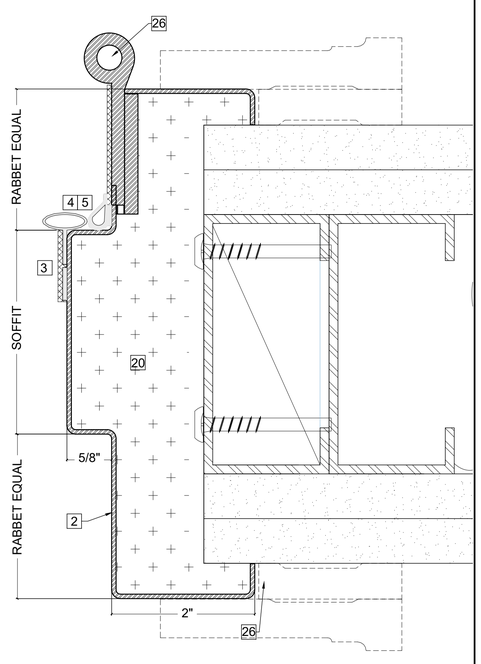
D-4 DOOR AND FRAME ELEVATION
1/2" = 1'-0"

KEY NOTES

1. WOOD FACE VENEER WITH P-2 FINISH
2. PRESSED STEEL ACOUSTIC FRAME INSTALLED AT TOP LEVEL OF FINISHED FLOOR COVERING MATERIAL. (DO NOT EMBED IN FLOOR FINISHING).
3. ACOUSTIC PERIMETER SEALS TO BE FITTED AND FASTENED TO JAMBS AND HEAD BY INSTALLER ON SITE. ACOUSTIC SEALS DIMINISH THE FRAME CLEAR OPENING SIZE AS FOLLOWS: RABBET WIDTH LESS 2 1/2" AND RABBET HEIGHT LESS 1 1/4"
4. ACOUSTIC NEOPRENE
5. BRONZE SEAL
6. ACOUSTIC ABSORPTION CHAMBER
7. ACOUSTIC CORE
8. HARDWOOD STILES AND RAILS
9. CS FH SCREW
10. STEEL CHANNEL
11. ACOUSTIC SEMI-MORTISED DOOR BOTTOM
12. CAM-LIFT DOOR BOTTOM SEAL
13. ACOUSTIC LINING
14. 1/4" HIGH ACOUSTIC THRESHOLD INSTALLED AT TOP LEVEL OF FINISHED FLOOR COVERING MATERIAL
15. 3 5/8" 16GA HEADER TRACK W/ 2 x PT PLATE. BEVEL PLATE TO FIT
16. TRACK FOR CRIPPLE STUD ATTACHMENT. USE (2) SCREWS AS PER MANUF. SPEC. @ 16" O.C.
17. HINGES, INTUMESCENT HINGE PROTECTION AND HINGE REINFORCEMENT, FACTORY WELDED IN FRAME
18. WOOD BLOCKING FASTENED TO EXISTING WALL TO ATTACH FRAME
19. CLEAR POPLAR WOOD CASING
20. FILL FRAME WITH 12 lb DENSITY ROCKWOOL
21. FOR COMPLETE WALL CONSTRUCTION, SEE PERTINENT WALL TYPE
22. CONTINUOUS ACOUSTIC SEALANT
23. INSTALL FRAME USING PRESSURE ANCHORS TO FULLY ENGAGE STUDS @ 18" o.c. OR AS PER MANUFACTURER RECOMMENDATIONS
24. FINISHED FLOOR
25. (2) 16GA 3 5/8" "C" CHANNEL FACING EACH OTHER ON RUNNER W/ WOOD BLOCKING BEVELED TO FIT
26. CAM LIFT HINGE



A-3 INSTALLATION OF THE STC-50 FRAME & STEEL DOOR / JAMB DETAIL C
FULL SIZE



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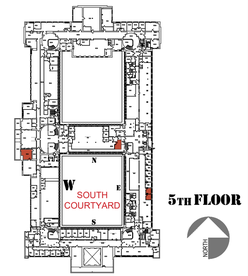

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DRAWING	DRAWING TITLE	STC-50 DOOR DETAILS
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 506
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 27 OF 43

FINISH NOTES

GENERAL

1. ALL FINISHES SHALL BE APPLIED IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. A COPY OF THE RECOMMENDATIONS AND INSTRUCTIONS SHALL BE SUBMITTED TO THE DESIGNER PRIOR TO THE INSTALLATION OF MATERIALS.

2. INSPECT, PATCH AND REPAIR AS NECESSARY ALL WALL CONSTRUCTION AND SURFACES TO RECEIVE NEW FINISHES. PREPARE FOR INSTALLATION OF FINISHES IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

3. UNLESS OTHERWISE NOTED, ALL PAINT, PAINTING AND PRIMING FOR WALL COVERINGS ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

4. PAINT ALL UNFINISHED MATERIALS, GRILLES, REGISTERS, ETC TO MATCH ADJACENT WALLS. MATERIALS WITH A NATURAL FINISH, SUCH AS ANODIZED ALUMINUM, SHALL BE LEFT IN THEIR NATURAL FINISH UNLESS OTHERWISE NOTED BY THE CONSTRUCTION DOCUMENTS.

5. APPLY ONE PRIMER COAT AND TWO FINISH COATS ON ALL SURFACES TO BE PAINTED. (LEVEL 4)

6. PREPARE FLOOR FOR INSTALLATION OF FINISHES IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. REMOVE ALL FOREIGN MATTER, GREASE, WAX, PAINT, OIL, ADHESIVES, DIRT, ETC. CUT OFF ANY PROTRUDING OBJECTS AND GRIND SMOOTH TO LEVEL WITH THE FLOOR SURFACE.

7. LEVEL ALL FLOOR SURFACES WITH A CEMENTITIOUS, SELF-LEVELING COMPOUND SIMILAR TO ARDEX K15. MINIMUM THICKNESS = 1/8". SEE SPECS.

8. VERIFY THE LOCATION OF ALL EXISTING FLOOR PENETRATIONS AND FILL WITH FIRE SAFE MATERIAL AND COMPOUND TO LEVEL WITH EXISTING FINISH FLOOR AS REQUIRED FOR 2 HOUR FIRE SEPARATION.

9. INSPECT FLOOR CONSTRUCTION AND SURFACES TO RECEIVE NEW FINISHES AND PROMPTLY NOTIFY THE ARCHITECT OF ANY DEFECTS IN THE SUBSTRATE THAT AFFECT THE WORK SO THAT THEY MAY BE CORRECTED BEFORE THE START OF WORK.

10. INSTALL FLOORING MATERIALS WITHIN THE ALLOWABLE TEMPERATURE RANGE AS STATED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALL FLOORING MATERIAL SHALL BE DELIVERED TO THE SITE IN TIME TO ACCLIMATE TO CONDITIONS PRIOR TO INSTALLATION. SUBMIT A COPY OF THE INSTALLATION INSTRUCTIONS TO THE ARCHITECT AND THE OWNER.

11. ALL CHANGES IN FLOOR MATERIAL AND COLORS SHALL OCCUR AT THE CENTERLINE OF DOORWAYS UNLESS OTHERWISE NOTED.

12. WHERE ELECTRICAL WORK IS SPECIFIED, LAMPS AND FIXTURES SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR, AS WELL AS CUTOUTS FOR SWITCHES, OUTLETS AND WIRING DEVICES FOR SAME, AS REQUIRED.

13. DURING PROGRESS OF WORK MAINTAIN PREMISES FREE OF NECESSARY ACCUMULATION OF TOOLS, EQUIPMENT, SURPLUS MATERIALS, AND DEBRIS.

14. ALL INTERIOR ROOMS AND ENCLOSED SPACES FINISHES SHALL HAVE A MIN. CLASS "C" RATING WITH A FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450, IN ACCORDANCE WITH THE 2006 IBC-CHAPTER 8 (INTERIOR FINISHES).

PAINT

1. CONTRACTOR TO FURNISH ALL MATERIAL, EQUIPMENT AND SERVICES NECESSARY FOR AND INCIDENTAL TO THE PAINTING AND APPLICATION COMPLETE OF ALL FIELD PAINTING SYSTEMS. THE TERM "PAINT" INCLUDES PAINT, ENAMELS, SEALERS, FILLERS, AND OTHER TYPES OF COATINGS WHETHER USED AS PRIMERS OR IMMEDIATE AND FINISH COATS.

2. CONTRACTOR TO EXAMINE THE CONTRACT DRAWINGS & SPECIFICATIONS AND THOROUGHLY FAMILIARIZE HIMSELF W/ ALL PROVISIONS REGARDING REQUIRED PAINTING OF WORK.
3. EXAMINE SURFACES SCHEDULED TO RECEIVE PAINT AND FINISHES FOR CONDITIONS THAT WILL ADVERSELY AFFECT EXECUTION THROUGH PREPARATORY WORK.

4. CLEAN ALL SURFACES TO BE PAINTED AS REQUIRED TO REMOVE DUST AND DIRT. SAND AS NECESSARY WALL SURFACES.

5. DO NOT PROCEED WITH SURFACE PREPARATION OR COATING APPLICATIONS UNTIL CONDITIONS ARE SUITABLE. REPORT ANY CONDITIONS THAT MAY POTENTIALLY AFFECT PROPER APPLICATION.

6. BEFORE APPLYING SUCCEEDING COATS, PRIMERS AND UNDERCOATS SHALL BE COMPLETELY INTEGRAL AND SHALL PERFORM THE FUNCTION FOR WHICH THEY ARE SPECIFIED. PROPERLY PREPARE AND TOUCH UP ALL SCRATCHES, ABRASIONS OR OTHER DISFIGUREMENTS AND REMOVE ANY FOREIGN MATTER BEFORE PROCEEDING WITH THE FOLLOWING COAT. ALL SPOT-PRIMING OR SPOT-COATING SHALL BE FEATHER EDGED INTO ADJACENT COATINGS TO PRODUCE A SMOOTH AND LEVEL SURFACE.

7. REMOVE OR PROTECT HARDWARE, PLATES, TRIM FOR MECHANICAL WORK, LIGHTING FIXTURES AND REPLACE AND RECONNECT. REPLACE ELECTRICAL PLATES, HARDWARE, LIGHT FIXTURE TRIM, AND FITTINGS REMOVED PRIOR TO FINISHING.

8. DISCONNECT EQUIPMENT ADJACENT TO WALLS, WHERE NECESSARY, AND MOVE TO PERMIT PAINTING OF TO PROPERLY PREPARE SURFACES TO RECEIVE PAINT

9. COR WILL PROVIDE THE CONTRACTOR W/ PAINT CHIPS, IF REQUIRED, FOR VERIFICATION.

10. ALL PAINT SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR SURFACE.

11. SHELLAC AND SPOT PRIME WITH INDUSTRY ACCEPTED "STAIN KILLERS" ANY MARKS WHICH MAY BLEED THROUGH SURFACE FINISHES.

12. ALL METAL SURFACES SHALL BE PROPERLY PREPARED PRIOR TO THE APPLICATION OF PAINT.

13. ALL PAINT FINISHES OF METAL PARTS OF FRAME, DOORS, PERIMETER ENCLOSURES, ETC. SHALL BE SEMI-GLOSS UNLESS OTHERWISE NOTED.

14. ALL DOORS SHALL RECEIVE SAME FINISH ON BOTH SIDES UNLESS OTHERWISE NOTED.

15. LABEL EACH CONTAINER WITH COLOR, ROOM LOCATIONS & PRODUCT DESCRIPTION IN ADDITION TO THE MANUFACTURER'S LABEL.

16. REPAIR ALL SURFACE DEFECTS IN GYPSUM DRYWALL JOINT FINISHING COMPOUND OR SPACKLING COMPOUND FILLED OUT FLUSH AND SANDED SMOOTH. CLEAN ALL SURFACES AND TAPE JOINTS OF DUST, DIRT AND OTHER CONTAMINANTS AND BE SURE THEY ARE THOROUGHLY DRY BEFORE APPLYING PAINT.

17. REPAIR DAMAGE TO OTHER SURFACES CAUSED BY WORK OF THIS SECTION.

18. REMOVE EMPTY PAINT CONTAINERS FROM THE WORK SITE. PLACE PAINT OR SOLVENT SOAKED RAGS, WASTE, OR OTHER MATERIALS WHICH MIGHT CONSTITUTE A FIRE HAZARD IN METAL CONTAINERS AND REMOVE FROM PREMISES AT THE END OF EACH DAY'S WORK TAKE EVERY PRECAUTION TO AVOID DAMAGE BY FIRE.

19. AS WORK PROCEEDS, PROMPTLY REMOVE PAINT WHERE SPILLED, SPLASHED, OR SPLATTERED.

20. ADEQUATE LIGHTING MUST BE AVAILABLE PRIOR TO THE APPLICATION OF ANY PAINT COATING TO APPROXIMATE 80 FOOT CANDLES MEASURED MID-HEIGHT AT SUITABLE SURFACE.

21. APPLY PAINT AND ENAMEL W/ SUITABLE BRUSHES, ROLLERS OR SPRAY EQUIPMENT WHICH HAS BEEN KEPT CLEAN, FREE FROM CONTAMINATION AND SUITABLE FOR FINISH REQUIRED.

22. RATE OF APPLICATION OF COATING SHALL NOT EXCEED THAT AS RECOMMENDED BY THE PAINT MANUFACTURER FOR THE PURPOSE AND SURFACE INVOLVED.

23. COMPLY FOR REQUIRED DRYING TIME BETWEEN COATS AS DIRECTED BY MANUFACTURER.

24. SAND DUST BETWEEN EACH COAT TO REMOVE DEFECTS VISIBLE FROM 5 FEET. FINISH COATS SHALL BE SMOOTH, FREE FROM DUST MARKS, STREAKS, LAPS, SAGS, SKIPS, HOLIDAYS, ETC.

25. SHOP PRIMED STEEL SURFACES SAND AND SCRAPE TO REMOVE LOOSE PRIMER AND RUST. FEATHER EDGES TO MAKE TOUCH UP PATCHES INCONSPICUOUS. CLEAN SURFACES WITH SOLVENT.

26. SEAL TOP AND BOTTOM EDGES OF DOORS SCHEDULED FOR PAINTING WITH PRIMER. PROTECT THE WORK OF OTHER TRADES AGAINST DAMAGE OR INJURY BY USE OF SUITABLE COVERINGS DURING THE PROGRESS OF THE PAINTING AND FINISHING WORK.

27. DO NOT APPLY ADDITIONAL PAINT COATS UNTIL COMPLETED SURFACE HAS BEEN INSPECTED AND APPROVED BY THE COR. ONLY INSPECTED COATS OF PAINT WILL BE CONSIDERED IN DETERMINING NUMBER OF COATS APPLIED.

28. MAKE EDGES OF PAINT ADJOINING OTHER MATERIAL OR COLORS CLEAN AND SHARP WITH NO OVERLAPPING.

29. CHANGE COLORS AT DOOR STOP CORNERS WHERE COLORS DIFFER BETWEEN ADJOINING SPACES OR ROOMS AND WHERE DOOR FRAMES MATCH WALL COLORS.

30. REFINISH WHOLE WALL WHERE PORTION OF FINISH HAS BEEN DAMAGED OR IS NOT ACCEPTABLE.

21. PAINT EXPOSED SIDES AND EDGES OF PLYWOOD BACKBOARDS FOR ELECTRICAL & TELEPHONE EQUIPMENT BEFORE INSTALLING EQUIPMENT.

31. SAMPLES OF ALL FINISH COLORS SPECIFIED SHALL BE SUBMITTED FOR APPROVAL TO COR PRIOR TO THE COMMENCEMENT OF WORK

32. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE FINISHED APPEARANCE AND SATISFACTORY COMPLETION OF HIS WORK, AND THEREFORE, HE SHALL NOT COMMENCE ANY PAINTING UNTIL SURFACES TO BE FINISHED ARE IN PROPER CONDITION IN EVERY RESPECT.

33. CONFORM TO APPLICABLE STATE, COUNTY, AND CITY CODES FOR FLAME/FUEL/SMOKE RATING REQUIREMENTS FOR FINISHES.

MILLWORK

1. MATERIAL USED AS INTERIOR TRIM SHALL HAVE A CLASS C FLAME SPREAD INDEX AND SMOKE-DEVELOPED INDEX. COMBUSTIBLE TRIM, SHALL NOT EXCEED 10% OF THE AGGREGATE WALL OR CEILING IN WHICH IT IS LOCATED, IN ACCORDANCE WITH SECTION 805.5 OF THE 2006 IBC.

2. MILLWORK CONTRACTOR SHALL PROPERLY PREPARE ALL SURFACES TO RECEIVE SPECIFIED FINISHES. PAINTED SURFACES SHALL BE PROPERLY SEALED, SANDED AND SHOP PRIMED TO RECEIVE FINISH COAT BY CABINET CONTRACTOR.

3. MILLWORK CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO ANY FABRICATION

INSTALLATION TOLERANCES

1. VARIATION FROM PLUMB: FOR VERTICAL JOINTS, EXTERNAL CORNERS, AND OTHER CONSPICUOUS LINES,DO NOT EXCEED 1/8 INCH IN 8 FEET.

2. VARIATION IN LEVEL: FOR HORIZONTAL JOINTS AND OTHER CONSPICUOUS LINES, DO NOT EXCEED ¼ INCH IN 20 FEET, OR 1/2 INCH MAXIMUM.

3. VARIATION IN SURFACE PLANE OF FLOORING: DO NOT EXCEED 1/8 INCH IN 10 FEET FROM LEVEL OR SLOPE INDICATED WHEN TESTED WITH A 10-FOOT STRAIGHT EDGE.

4. VARIATION IN PLANE BETWEEN ADJACENT UNITS (LIPPING): DO NOT EXCEED 1/64 INCH BETWEEN FACES OF ADJACENT UNITS AS MEASURED FROM A STRAIGHT EDGE PARALLEL TO TILED SURFACE.

5. VARIATION IN JOINT WIDTH: DO NOT VARY JOINT THICKNESS MORE THAN 1/16 INCH OR ONE-FOURTH OF NOMINAL JOINT WIDTH, WHICHEVER IS LESS.

6. REMOVE AND REPLACE MATERIAL THAT IS STAINED OR OTHERWISE DAMAGED OR THAT DOES NOT MATCH ADJOINING TILE. PROVIDE NEW MATCHING UNITS, INSTALLED AS SPECIFIED AND IN A MANNER TO ELIMINATE EVIDENCE OF REPLACEMENT.

7. CLEAN TILES AFTER SETTING AND GROUTING IS COMPLETE; USE PROCEDURES RECOMMENDED MANUFACTURER FOR TYPES OF APPLICATION INDICATED.

8. PROHIBIT FOOT AND WHEEL TRAFFIC FROM TILED FLOORS FOR AT LEAST SEVEN DAYS AFTER GROUTING IS COMPLETED.

9. PROTECT TILE FLOORING DURING CONSTRUCTION PERIOD WITH KRAFT PAPER OR OTHER HEAVY COVERING OF TYPE THAT WILL NOT STAIN OR DISCOLOR STONE.

FINAL CLEANING

- PROVIDE FINAL CLEANING OF THE WORK, AT TIME INDICATED, CONSISTING OF CLEANING EACH SURFACE OR UNIT OF WORK TO NORMAL "CLEAN" CONDITIONS EXPECT FOR A FIRST CLASS BUILDING CLEANING MAINTENANCE PROGRAM. THE FOLLOWING ARE EXAMPLES, BUT NOT IN ANY WAY A LIMITATION, OF CLEANING LEVELS REQUIRED:
- REMOVE LABELS WHICH ARE NOT REQUIRED AS PERMANENT LABELS.
- CLEAN TRANSPARENT MATERIALS, INCLUDING MIRRORS AND WINDOW/DOOR GLASS, TO A POLISHED CONDITIONS, REMOVING SUBSTANCES WHICH ARE NOTICEABLE AS VISION-OBSCURING MATERIALS.
- CLEAN EXPOSED EXTERIOR AND INTERIOR HARD-SURFACE FINISHES TO A DIRT-FREE CONDITION, FREE OF DUST, STAINS, FILMS AND SIMILAR NOTICEABLE DISTRACTING SUBSTANCES. RESTORE REFLECTIVE SURFACES TO ORIGINAL REFLECTIVE CONDITION.
- REMOVE DEBRIS AND SURFACE DUST FROM LIMITED-ACCESS SPACES INCLUDING PLENUMS, AND SIMILAR SPACES.
- VACUUM CLEAN CARPETED SURFACES AND SIMILAR SOFT SURFACES.
- CLEAN LIGHT FIXTURES, LAMPS AND DIFFUSERS SO AS TO FUNCTION WITH FULL EFFICIENCY.
- WIPE CLEAN ANY VENETIAN BLINDS OR OTHER WINDOW TREATMENTS.

ROOM FINISH SCHEDULE

CODE	TYPE		MATERIAL	MANUFACTURER	NUMBER	NAME	STYLE / COLOR	SIZE / APPLICATION	DESCRIPTION / REMARKS
P-1	PAINT	EXISTING WALLS & CEILING BULKHEAD / SOFFIT NEW WALLS & CEILING BULKHEAD / SOFFIT	AURA Interior Paint- EGGSHELL (524)	BENJAMIN MOORE OR SHERWIN WILLIAMS	HC- 93 **SW-6127**	CARRINGTON BEIGE IVOIRE		PRIMER (2) FINISH COATS / EGGSHELL	MILDEW RESISTANT PAINT AND PRIMER TOGETHER ZERO VOC, LOW ODOR
P-2	PAINT	EXISTING CASING & DOORS BASEBOARD, TRIM & CROWN MOLDING NEW CASING & DOORS BASEBOARD, TRIM & CROWN MOLDING	ADVANCE Interior Paint- PRIMER (790) ADVANCE Interior Paint-GLOSS (793)	BENJAMIN MOORE OR SHERWIN WILLIAMS	OC-17 **SW-7005**	PURE WHITE PURE WHITE		PRIMER + (2) FINISH COATS	SAND BETWEEN COATS
P-3	PAINT	FAN COIL UNITS, "BENCH"		BENJAMIN MOORE OR SHERWIN WILLIAMS	HC-179 / PM-7 **SW-7065**	PLATINUM GRAY / ARGOS		(2) FINISH COATS (2) FINISH COATS	
CA-1	NEW DOOR CASING		POPLAR CLEAR					MATCH EXISTING	3/4" POPLAR CLEAR / PAINTED
C-1	CARPET TILE		OZ/ YD²	INTERFACEFLOR	KAMALA NI		STYLE: 1663302500 COLOR: 170798	20" x 20" / QUARTER TURN	• GLUE DOWN INSTALLATION • SCRAPE & REMOVE GLUE AND DEBRIS PRIOR TO INSTALLATION • LEVEL FLOOR PRIOR TO INSTALLATION

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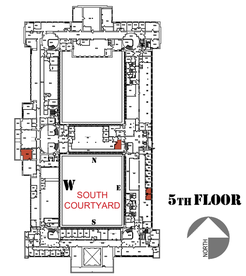
CERTIFICATIONS



5TH FLOOR

NORTH

REVISION NOTES

DATE	MARK	DESCRIPTION

CONTRACTORS

A/E CON. NO.	
A/E TASK NO.	
CONS.CONTR.	
CONS. WORK	
PRIME A/E	MERIDIEN GROUP / CITADEL DCA
SUB A/E	

BUILDING

NAME	
STREET	
CITY/ST/ZIP	WASHINGTON, DC
BUILDING NO.	DC-
OTHER	
BUILDING NOs.	
FACILITY CODE	

PROJECT

PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
PROJECT DESCRIPTION	
PROJECT NO.	0025-25
GSA PM	BARBARA CHOATE
SUBMISSION	100% SUBMISSION
SUB. DATE	30 MARCH 2026

DRAWING

DRAWING TITLE	FINISHES NOTES AND SCHEDULE
FILE NAME	
FLOOR NO.	5TH FLOOR
DRAWN BY	AGF DATE DRAFTED: 06/10/2025
CHECKED BY	LSP SHEET SIZE: 24 x 36
DRAWING NO.	A- 601

DISCIPLINE | SHEET TYPE | SEQUENCE

SHEET 28 OF 43

DOORS | SCHEDULE & ELEVATIONS

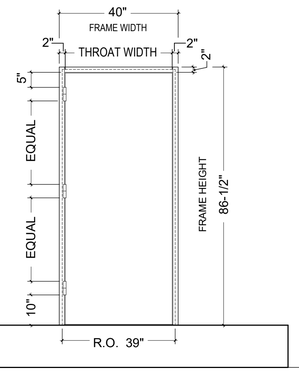
NO.	ROOM	OPENING SIZE (R.O.)	WALL THICKNESS	FRAME							LEAF						FIRE RATED ASSEMBLY	STC RATED ASSEMBLY	HARDWARE	CARD READER	RF 60db
				TYPE	H	W	T	JAMBS / HEAD	MATERIAL	FINISH	TYPE	H	W	T	MATERIAL	FINISH					
5428-A	CONFERENCE ROOM	39" x 7'-2-1/2 " (86.5")	7"	F-1	86"	40"	2"	8"	H.M.	P-2	A	7'-0"	3'-0"	1 3/4"	H.M.	P-2	NO	STC-50	TYPE 1	YES	YES
5211GG-A	OFFICE	39" x 7'-2-1/2 " (86.5")	6 1/8"	F-2	86"	40"	2"	7 1/8"	H.M.	P-2	B	7'-0"	3'-0"	1 3/4"	SOLID CORE WOOD CLAD	P-2	NO	STC-50	TYPE 1	YES	NO
5012J-A	OFFICE	39" x 7'-2-1/2 " (86.5")	6 1/8"	F-1	86"	40"	2"	7 1/8"	H.M.	P-2	A	7'-0"	3'-0"	1 3/4"	H.M.	P-2	NO	STC-50	TYPE 1	YES	YES
5012M-A	OFFICE	39" x 7'-2-1/2 " (86.5")	6 1/8"	F-1	86"	40"	2"	7 1/8"	H.M.	P-2	A	7'-0"	3'-0"	1 3/4"	H.M.	P-2	NO	STC-50	TYPE 1	YES	YES

NOTES

1. FACTORY PRIMED
3. FRAMES FOR STC-50 ASSEMBLIES MUST BE FACTORY ASSEMBLED AND WELDED
5. ALTERNATE DOOR LEAF: SOLID CORE (ACOUSTIC CORE) WOOD CLAD. SEE A-502 DOOR TYPE B

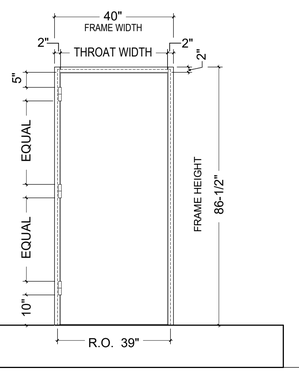
2. ADJUST R.O. FOR STC-50 ASSEMBLIES AS PER SELECTED MANUFACTURER RECOMMENDATIONS
4. IT IS RECOMMENDED THAT STC-50 DOOR INSTALLATION IS PERFORMED BY MANUFACTURER REPRESENTATIVE

FRAME TYPE F-1 | RF & STC-50 LEVEL 4 | HOLLOW METAL FRAME TO USE W/ HOLLOW METAL LEAVES



1. SPLIT FRAME (2-PIECE) FABRICATED FROM STAINLESS STEEL SHEET OR STEEL (SEE ALTERNATE), MINIMUM 14-GA.
2. FRAMES TO HAVE CONTINUOUS CONTACT FLANGE TO INTERFACE WITH RF SHIELDING MATERIAL ON WALLS AND FLOOR.
3. ANCHOR THE FRAME TO THE ABUTTING STUDS
4. THE FRAME MUST HAVE ALL VOIDS IN THE HEAD AND JAMBS PACKED W/ 6 TO 12 LB DENSITY MINERAL WOOL
5. ALL VOIDS BETWEEN WALL AND FRAME MUST BE CONTINUOUSLY CAULKED.
6. MORTISE, REINFORCE, DRILL, AND TAP FRAMES AT FACTORY FOR FULLY TEMPLATED MORTISED HARDWARE ONLY, IN ACCORDANCE W/ARCHITECT-APPROVED SHOP DRAWINGS AND SUPPLIED TEMPLATES.
7. PROVIDE REINFORCING PLATES AT SURFACE-MOUNTED OR NON-TEMPLATED HARDWARE LOCATIONS.
8. FACTORY PROVIDED HEAVY WEIGHT HINGES & 2-POINT LATCHING DEVICES FOR EACH DOOR LEAF.
9. FLOOR ANCHORS MUST BE FABRICATED OF SAME MATERIAL AS FRAME MATERIAL; MINIMUM 14 GAGE. ANCHORS MUST BE WELDED INSIDE EACH JAMB FOR FLOOR ANCHORAGE
10. FRAME SHOULD HAVE RF/STC SINGLE MAGNETIC SEALS AT HEAD AND JAMBS. USE RF FRAME BONDING TAPE
11. THE FRAME SHALL BE FACTORY MOUNTED WITH A FORMED STAINLESS-STEEL GASKET RETAINER THAT IS CONDUCTIVE WITH THE FRAME.
12. ALL EXPOSED SURFACES MUST RECEIVE ONE COAT OF RUST INHIBITIVE PRIMER WHICH MEETS ASTM B117 EXCEPT RF CONTACT POINTS, WITHOUT RUNS, SMEARS OR BARE SPOTS

FRAME TYPE F-2 | STC-50 LEVEL 4 | HOLLOW METAL FRAME TO USE W/ HOLLOW METAL LEAVES



1. SOUND RETARDANT METAL FRAMES SHALL BE 14 GA. MIN. WELDED UNITS WITH INTEGRAL TRIM AND SHIPPED WITH TEMPORARY SPREADER.
2. FORM FRAME MEMBERS STRAIGHT, AND OF UNIFORM PROFILE THROUGH LENGTHS, AS WELDED UNITS WITH INTEGRAL TRIM, OF SIZES AND PROFILES INDICATED. WELD CONTACT EDGES OF JOINTS CLOSED TIGHT. MITER PERIMETER TRIM FACES AND WELD CONTINUOUSLY.
3. MORTISE, REINFORCE, DRILL, & TAP FRAMES AT FACTORY FOR FULLY TEMPLATED MORTISED HARDWARE ONLY IN ACCORDANCE W/ ARCHITECT-APPROVED SHOP DRAWINGS AND SUPPLIED TEMPLATES.
4. PROVIDE REINFORCING PLATES AT SURFACE-MOUNTED OR NON-TEMPLATED HARDWARE LOCATIONS.
4. FLOOR ANCHORS TO BE FABRICATED OF SAME MATERIAL AS FRAME MATERIAL; MINIMUM 14 GA. WELD ANCHORS INSIDE EACH JAMB FOR FLOOR ANCHORAGE.
5. JAMB ANCHORS TO BE FABRICATED OF SAME MATERIAL AS FRAME MATERIAL. WELD ANCHORS INSIDE EACH JAMB FOR WALL ANCHORAGE.
6. FOR INSTALLATION IN STUD PARTITIONS PROVIDE A CONTINUOUS 16 GA STEEL CHANNEL TO SURROUND STUD, WELDED INSIDE EACH JAMB.
7. THE FRAME MUST HAVE ALL VOIDS IN THE HEAD AND JAMBS PACKED W/ 6 TO 12 LB DENSITY MINERAL WOOL
8. ALL VOIDS BETWEEN WALL AND FRAME MUST BE CONTINUOUSLY CAULKED.
9. FRAME SHOULD HAVE ADJUSTABLE COMPRESSION SEALS AT HEAD AND JAMBS AS NEEDED.
10. AFTER FABRICATION OF FRAMES, ALL TOOL MARKS AND SURFACE IMPERFECTIONS SHALL BE REMOVED AND EXPOSED FACES OF ALL WELDED JOINTS DRESSED SMOOTH. CHEMICALLY TREAT ALL SURFACES TO INSURE MAXIMUM PAINT ADHESION

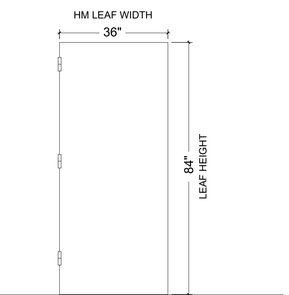
ACCEPTABLE MATERIALS AND ALTERNATES

A. STEEL SHEET: ONE OF THE FOLLOWING:

1. COLD-ROLLED STEEL SHEET CONFORMING TO ASTM A 1008, COMMERCIAL QUALITY.
2. HOT-ROLLED STEEL SHEET CONFORMING TO ASTM A 569, PICKLED AND OILED, COMMERCIAL QUALITY.
3. CONDUCTIVE STAINLESS REQUIRED FOR RF. DO NOT PAINT PERIMETER CONTACT AREA. LEVEL, COLD ROLLED SHEET STEEL CONFORMING TO ASTM A 240, COMMERCIAL QUALITY.

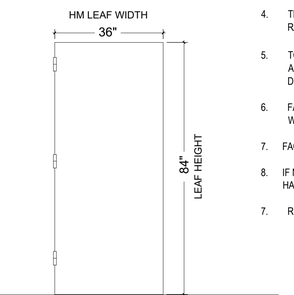
B. GALVANIZED STEEL SHEET: ASTM A 653/A 653M, COMMERCIAL QUALITY, MINIMUM A60 ZINC COATING.

LEAF TYPE A | RF + STC-50 LEVEL 4 | HOLLOW METAL



1. HOLLOW METAL DOOR 1-3/4" THICK. DOOR MATERIAL SHALL BE 14GA COLD-ROLLED STAINLESS STEEL SKIN W/ RADIO FREQUENCY AND ACOUSTICAL CORE.
2. HORIZONTAL EDGES: CLOSE TOP AND BOTTOM EDGES OF DOORS W/ CONTINUOUS STEEL CHANNELS, 16 GA. MINIMUM; SPOT-WELD CHANNELS TO BOTH DOOR FACES. PROVIDE ADDITIONAL FLUSH CLOSING CHANNEL AT TOP EDGE OF DOORS; SPOT-WELD CHANNEL TO BOTH DOOR FACES.
3. MORTISE, REINFORCE, DRILL, AND TAP DOORS AT FACTORY FOR FULLY TEMPLATED MORTISED HARDWARE ONLY, IN ACCORDANCE W/ APPROVED HARDWARE SCHEDULE & SUPPLIED TEMPLATES.
4. PROVIDE REINFORCING PLATES AT SURFACE-MOUNTED OR NON-TEMPLATED HARDWARE LOCATIONS
5. TOP AND BOTTOM CHANNELS: INVERTED, RECESSED, WELDED STEEL CHANNELS
6. INSTALL AN AUTOMATIC DOOR BOTTOM SEAL. DOOR BOTTOM: MORTISED ADJUSTABLE UNIT DESIGNED FOR CAM LIFT HINGE OPERATION
7. FACTORY INSTALLED HARDWARE: CAM-LIFT HINGES, MORTISE LOCK/EXIT DEVICE W/ KABA MAS X-10 DEVICE
8. RF SEALS ARE TO PROVIDE 40 TO 60 DB RF PROTECTION IN THE ELECTRIC FIELD, PLANE WAVE, AND MICROWAVE FIELDS IN THE FREQUENCY RANGE OF 1 KHZ TO 18 GHZ.
9. MAXIMUM DEVIATION FROM SQUARE, ALIGNMENT, TWIST AND PLUMB: +/- 1/32"
10. ALL TOOL MARKS AND SURFACE IMPERFECTIONS SHALL BE REMOVED AND EXPOSED FACES OF ALL WELDED JOINTS SHALL BE DRESSED SMOOTH.
11. ASSEMBLY SHALL BE TREATED AND COATED ON ALL ACCESSIBLE SURFACES W/ A RUST- INHIBITIVE PRIMER WHICH MEETS ASTM B117 SALT SPRAY FOR 150 HOURS, AND ASTM D1735 WATER FOG TEST FOR ORGANIC COATINGS FOR 200 HOURS. PRIMER SHALL COVER ALL SURFACES, EXCEPT RF CONTACT POINTS, WITHOUT RUNS, SMEARS OR BARE SPOTS.

LEAF TYPE B | STC-50 LEVEL 4 | SOLID/ACOUSTIC CORE WOOD



1. ACOUSTIC CORE WOOD 1-3/4" THICK
2. ROTARY WHITE BIRCH VENEER, MIN. THICKNESS BEFORE SANDING 1/42"
3. ADHESIVES CONTAINING NO FORMALDEHYDE
4. THE DOOR PANEL SHALL HAVE HARDWOOD STILES TO MATCH WOOD FACE AND HARDWOOD RAILS
5. TOP RAIL TO BE FACTORY SEALED WITH WOOD SEALER. OMIT BOTTOM RAIL TO INSTALL AN AUTOMATIC DOOR BOTTOM SEAL. DOOR BOTTOM: SEMI-MORTISED ADJUSTABLE UNIT DESIGNED FOR CAM LIFT HINGE OPERATION
6. FACTORY DOOR FINISH CLEAR COAT W/ CATALYZED LACQUER, PREMIUM GRADE FINISH TO WDMA IS IA
7. FACTORY INSTALLED HARDWARE: CAM-LIFT HINGES AND MORTISE LOCK/EXIT DEVICE OR
8. IF NEEDED, DRILL AND TAP STEEL ACOUSTIC CORE FOR MORTISED, TEMPLATED HARDWARE.
7. REINFORCE DOOR WHERE SURFACE MOUNTED HARDWARE IS REQUIRED

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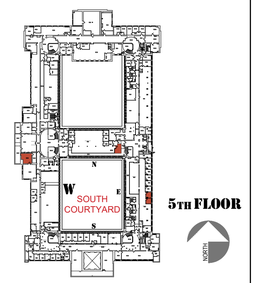
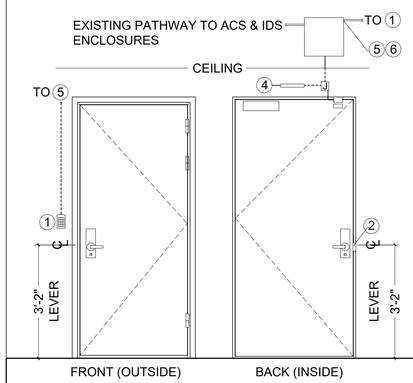


REVISION NOTES	DATE	MARK	DESCRIPTION

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	DOOR AND HARDWARE SCHEDULES
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 602
	DISCIPLINE / SHEET TYPE / SEQUENCE	SHEET 29 OF 43

HARDWARE SET TYPE 1			
	DESCRIPTION	FINISH / COLOR	MANUFACTURER
DOOR SIZE	3'-0" x 7'-0" x 1 3/4"		
DOOR TYPE	1 LEAF / STC-50	PAINTED	
HINGES 1 1/2 PAIR	CAM-LIFT 41/2 x 4 1/2	SOS-CL-500	
ELECTRIFIED MORTISE LOCKSET	ELECTRIFIED ML 20900 ML 20906 x SEC (FAIL SECURE)		CORBIN RUSSWIN
LEVER SET	ELECTRIFIED ML 20900 CITATION (CSB/CSF)	BRIGHT BRASS	CORBIN RUSSWIN
POWER TRANSFER	CEPT-10		
CYLINDER CORE & IC CORE HOUSING	LARGE FORMAT IC CORE (TREASURY SPEC)		MEDECO
BALANCED MAGNETIC SWITCH	HSS-L2D-000 BALANCED MAGNETIC SWITCH		MAGNASPHERE
CARD READER	IDENTIV 8216ABTF219 CARD READER WITH KEY PAD		IDENTIV
CLOSER (PUSH SIDE)	8916 AF89P	689	LCN
SILENCERS	608	GRAY	ROCKWOOD
DOOR STOP			

HARDWARE TYPE 1 | STC-50 LEVEL 4



- Entrance / Office type
- Corbin Russwin Mortised / Electrified lockset
- ANSI No. F01
- Finish US 3 - ANSI / BHMA 605 Bright Brass

HARDWARE SET TO FAIL SECURE

1. OUTSIDE LEVER CONTINUOUSLY UNLOCKED BY 12V OR24V DC
2. LATCHBOLT RETRACTED BY LEVER/KNOB INSIDE OR KEY OUTSIDE
3. AUXILIARY LATCH DEADLOCKS LATCH-BOLT WHEN DOOR IS CLOSED
4. INSIDE LEVER ALWAYS FREE FOR IMMEDIATE EGRESS SWITCH OR POWER FAILURE LOCKS OUTSIDE LEVER
5. DOOR BOTTOM: SEMI-MORTISED ADJUSTABLE UNIT DESIGNED FOR CAM LIFT HINGE OPERATION
6. ELECTRIFIED STRIKE
7. 1 1/2 PAIR OF HINGES
8. CLOSER: GRADE 1, HEAVY DUTY, SURFACE MOUNT
9. THRESHOLD: 5/16" ABA COMPLIANT
10. DOOR BOTTOM: SEMI-MORTISED ADJUSTABLE UNIT DESIGNED FOR CAM LIFT HINGE OPERATION

TYPICAL EQUIPMENT

1. IDENTIV 8216ABTF219 CARD READER WITH KEY PAD
2. ELECTRIC STRIKE
3. MAGNASPHERE, HSS-L2D-000 BALANCED MAGNETIC SWITCH
4. REX PIR
5. DOOR HEADER BOX

IDENTIV MELM3 & DMP 311 REGISTOR

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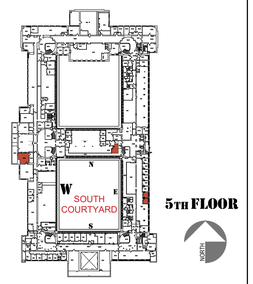

REVISION NOTES	DATE	MARK	DESCRIPTION

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	SUB A/E	
BUILDING	NAME	
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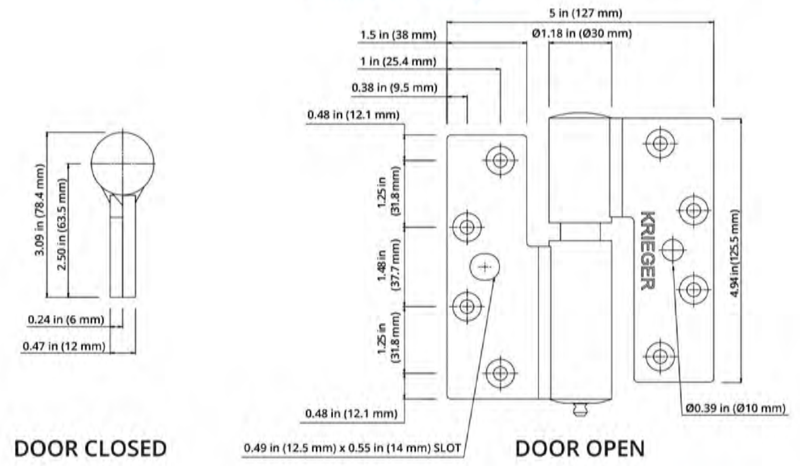
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	DOOR HARDWARE SCHEDULE
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 603
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 30 OF 43

D

Krieger's HC30 Cam Lift Hinge

Technical Drawings



Install using QTY 8 #12-24 Undercut Stainless Steel Screws

Cam Lift Hinge Finishes

Cam Lift Hinges come in a stainless-steel satin finish—32D.

Custom finishes are available upon request.

Krieger's HC30 Cam Lift Hinge Features

100% ADA Compliant
Krieger's lab testing of the Cam Lift Hinge shows it to be fully compliant with the Americans with Disabilities Act (ADA) requirements regarding the maximum force required to pull the door open—less than 5 pounds on door leaves under 500 pounds. The versatility of the Cam Lift Hinge means it can be used in any location, even for heavy doors.

ASTM F476 Performance
Krieger's Cam Lift Hinge meets the highest ASTM F476 requirements for swinging door assemblies. With a Grade 40 rating for hinge impact and pin tensile load resistance, the Cam Lift Hinge has proven performance for security applications.

Tight Acoustical Seal
The Cam Lift Hinge enables the door bottom seal to be adjusted quickly and accurately at the time of installation and also for adjustment after many years of operation.

Additionally, our Cam Lift Hinges accommodate for a 13mm total vertical rise to ensure that the door easily clears any floor coverings after it swings past the threshold. When closed, the Cam Lift Hinge lowers into place for a tight seal.

Designed for Radial Strength
Our Cam Lift Hinges feature a proprietary design that reinforces the hinge from top to bottom without the use of a Teflon™ sleeve, which had been prone to wearing out. This solution allows the hinge to support heavy loading and, along with the stainless steel, offers superior strength and long-term durability.

KSP-22-482

KRIEGER™ SPECIALTY PRODUCTS

If You Have Questions
Visit: www.KriegerProducts.com
Call: 562-695-0645

Krieger's HC30 Cam Lift Hinge

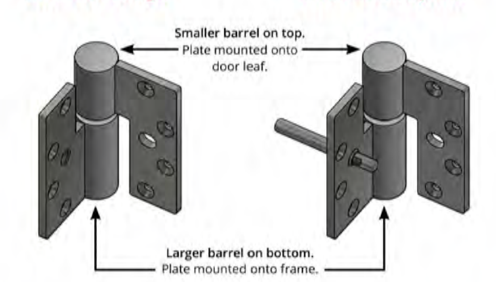
Krieger's HC30 Cam Lift Hinge is an industry game-changer featuring a new design that enhances radial strength to support heavy loading and ensure longer lasting performance. Easy to maintain, the Cam Lift Hinge comes with an optional security pin and is fully ADA compliant.

Easy, Time-Saving Maintenance
A new fitting at the bottom of the Cam Lift Hinge makes it easy to keep lubricated—without having to remove the door from its hinges. Now one person can do in a matter of minutes what used to take two or more people hours. Keeping hinges properly lubricated and maintained improves performance and extends the life of the door.

Fire rated up to 3 hours on selected door assemblies.

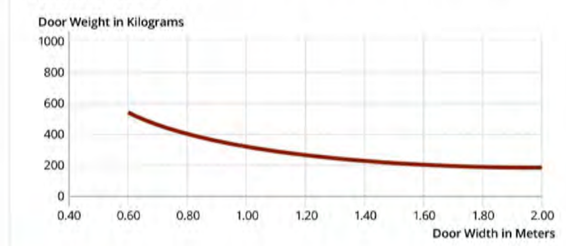
TEST TO 1,000,000 CYCLES

Standard Cam Lift Hinge | **Cam Lift Hinge with Security Pin**



Loading Chart

The following chart is a guide for maximum door sizes and weights and a door height of 7 feet using 2 hinges spaced at the top and bottom of the leaf.



Cam Lift Hinge Details

KSP-22-482

KRIEGER™ SPECIALTY PRODUCTS

If You Have Questions
Visit: www.KriegerProducts.com
Call: 562-695-0645

Krieger Aluminum Threshold – 1A

Krieger's acoustical door assemblies include an aluminum threshold. Krieger thresholds are manufactured as solid units to increase sound control and eliminate noise pathways of conventional saddles, ensuring the acoustical properties and guaranteed STC rating of the door assembly.

Material and Features

Aluminum Alloy 6063, T5 Temper

- 7 ½" Wide x 5/16" Tall
- Partially Fluted Top
- Minimum Wall Thickness: 0.188"
- Weight: 2.186 Lbs./Ft.
- M6 x 40 MM Flathead with Countersunk Hammer-Drive Anchor Included

Finish

Class 1 Clear Anodized Comes Standard.

Contact the factory for custom plating options.

ADA Compliant

Krieger's acoustical door assemblies meet the Americans with Disabilities Act (ADA) threshold requirements of ½" without portable ramps, allowing them to be used in any location.

The thresholds are beveled to be compliant with ADA section 404.2.5 (303.3).

Fire Labels and Positive Pressure

Metal Doors Up to 3 Hours:
Certified in accordance with UL 10C, UBC 7-2, UBC 7-4. 250°, 450°, 650° temperature rise, up to 3 hours

Wood Veneer Doors Up to 60 Minutes:
UL Labels: Smoke, 20, 45, and 60 minutes

Understanding Acoustical Door Thresholds

Acoustical door thresholds must have a smooth surface for the door bottom seal to land on, slide across, and seal against. This applies equally to a level swing door with automatic bottom, or a cam lift door with a fixed (adjustable) seal.

When sound control doors swing open over carpet, a smooth surface saddle threshold of at least the same height and preferably higher than the carpet, must be used. This positioning is essential to prevent sound leaks from under the door and/or through the carpet.

Thresholds must be set in a good grade of acoustical sealant.

The use of fluted or otherwise abrasive coated thresholds will cause premature wearing down of the neoprene on the door bottom and could cause the seal to pull out of its retainer and jam up under the door. All thresholds must be set so they extend a minimum of 1 ½" beyond the pull side of the door to provide a "landing" area for the door bottom as it starts to descend.

Related Product

Krieger Aluminum Threshold – 2A

KSP-23-426

KRIEGER™ SPECIALTY PRODUCTS

If You Have Questions
Visit: www.KriegerProducts.com
Call: 562-695-0645

C

B

A

Corbin Russwin ASSA ABLOY

Trim Designs

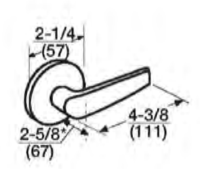
ML2000, ML20900 ECL and ML20600 NAC Series

Citation

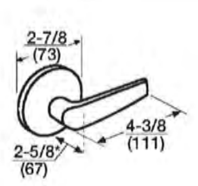
- Brass, bronze or stainless steel
- Laser engraving option (See Custom Laser Engraving brochure)

CSA
Lever: Cast
Rose: Wrought

CSB
Lever: Cast
Rose: Cast



CSF
Lever: Cast
Rose: Cast



*Dimension from face of door, not surface of rose or escutcheon.

Experience a safer and more open world

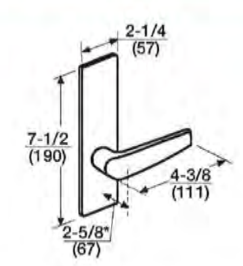
ML2000 24

Corbin Russwin ASSA ABLOY

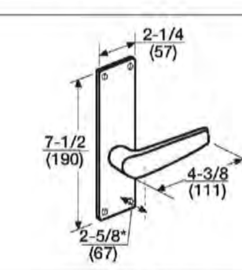
Trim Designs

ML2000, ML20900 ECL and ML20600 NAC Series

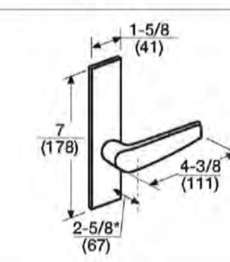
CSM
Lever: Cast
Escutcheon: Wrought
Optional:
- Plug only to show; master ring
- Laser engraving on lever or escutcheon



CSN
Lever: Cast
Escutcheon: Wrought
Optional: Laser engraving on lever

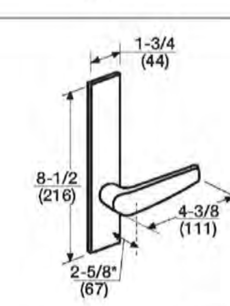


CSP
Lever: Cast
Escutcheon: Wrought
Optional: Laser engraving on lever
Note: P escutcheon is not compatible with ML20900 ECL or ML20600 NAC mortise locks



CSR
Lever: Cast
Escutcheon: Solid stainless steel; forged brass
Optional:
- Plug only to show
- Laser engraving on lever

Door thickness: 1-3/8" (35mm), 1-3/4" (44mm), 2-1/4" (57mm)
Note: R escutcheon is not available for functions ML2087 or ML20987



*Dimension from face of door, not surface of rose or escutcheon

Experience a safer and more open world

ML2000 25

Corbin Russwin ASSA ABLOY

Overview

ML20900 ECL Series

ML20900 ECL Series Electrified Mortise Lockset

Simplicity
Combine simplicity and access control with the Corbin Russwin ML20900 ECL series electrically controlled mortise lock. Utilizing the proven ML2000 Series mortise lockset with the patented quick reversible latchbolt, the ML20900 series provides remote locking and unlocking. The electrified lock can be installed in a standard mortise prep with slight modification by door manufacturer. The ML20900 ECL is ideal for use where increased security is necessary at all times, such as tenant space, pharmacies, computer rooms, and high security areas.

Security
In applications where increased security is required, look no further than the ML2000VR Vandal Resistant Trim. This cast stainless steel trim features tapered edges, double through bolts, torx-pin tamper resistant screws and the lever remains attached to the escutcheon when the spindle is broken.

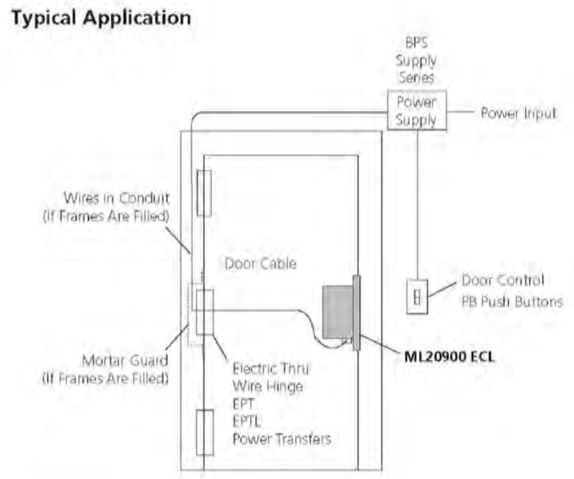
Aesthetics
Access control doesn't mean a loss of visual appeal. The Vineyard™ Collection and the Muséo® Collection feature beautifully designed levers, perfect for high-profile applications where pleasing aesthetics is a must.

Additional Features
- Mechanical key override
- Patented Quick Reversible latchbolt (Patent pending and/or patent www.assaabloydss.com/patents.)

Featuring EcoFlex®:
- Reduces energy consumption up to 96%, as certified by GreenCircle
  - Lower operating costs
  - Assists with load reduction in optimizing energy performance credit in LEED
  - Reduces number of power supplies required
- Field configurable to fail-safe or fail-secure
- Operates from 12-24VDC, offering greater flexibility in system design
- Innovative actuator design provides superior reliability
  - Higher performance and reduced maintenance
  - Ability to have longer cable runs without negatively impacting lock function
  - Reduces risk of voltage drops and eliminates inductive kickback
  - Lower total cost of ownership

Note: EcoFlex® is not available with master ring cylinders. Solenoid provided.

Typical Application



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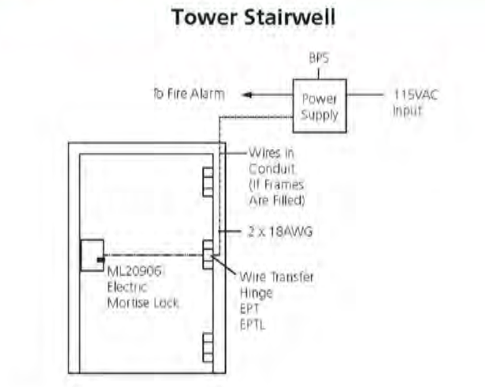
ML2000 13

Corbin Russwin ASSA ABLOY

Typical System Components (For Reference Only)

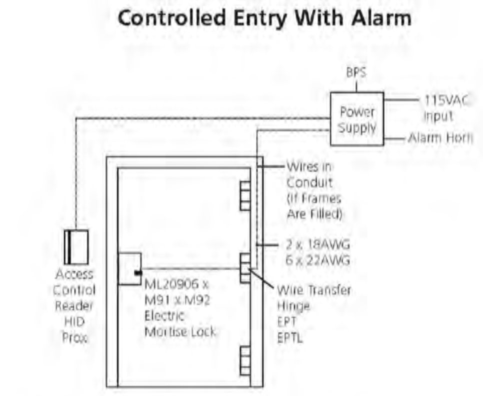
ML20900 ECL Series

Tower Stairwell



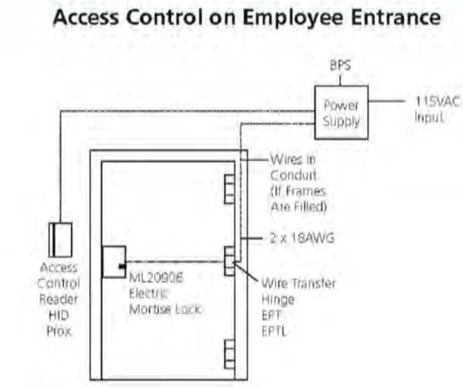
Operation:
Free egress at all times. Door is locked at all times preventing entry from the stairwell to a floor. Fire alarm activation will allow re-entry from the stairwell to the floor. Power failure will allow re-entry from the stairwell to the floor.

Controlled Entry With Alarm



Operation:
Free egress at all times. User exits through the door which triggers the M92 switch which shunts the alarm. Door is locked at all times preventing unauthorized entry. Authorized entry is permitted by presenting a valid user card. Forced entry will trigger M91 switch and activate alarm. Alarm is deactivated by a valid user card.

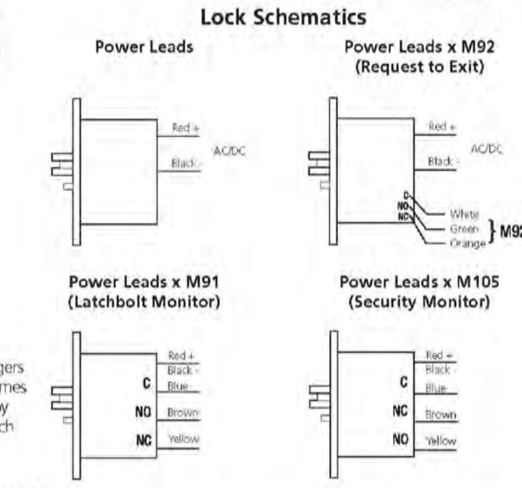
Access Control on Employee Entrance



Operation:
Free egress at all times. Door is locked at all times preventing unauthorized entry. Authorized entry is permitted by presenting a valid user card.

ElectroLynx®, a system of universal Molex® plug-in connectors and standardized color-coded wiring, makes installing electrified doorway components a snap!

Lock Schematics



Consult factory for electrical system layouts, riser and wiring diagrams.

Experience a safer and more open world

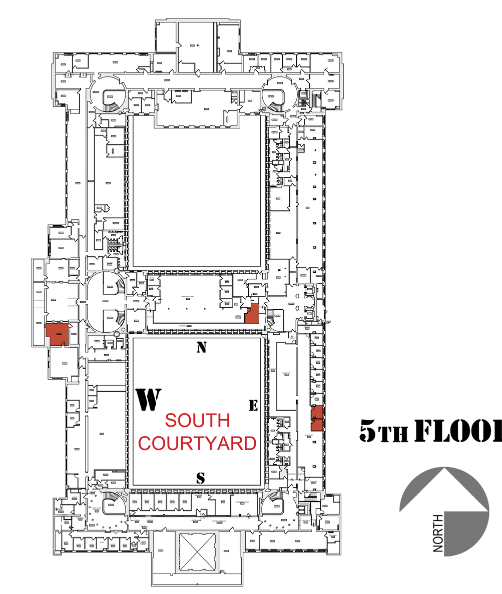
ML2000 14

MERIDIEN GROUP

MERIDIEN GROUP, LLC
208 SOUTH KING ST. SUITE 303
LEESBURG, VA 20175
(703) 777-8285
www.meridiengroupllc.com

CITADEL DCA — ARCHITECTURE | HISTORIC PRESERVATION | PLANNING | DESIGN

CERTIFICATIONS



5TH FLOOR

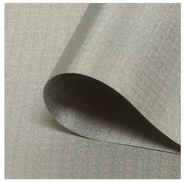
REVISION NOTES

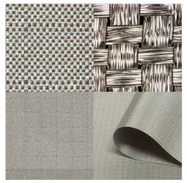
DATE	MARK	DESCRIPTION

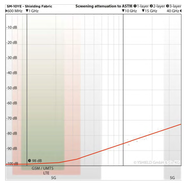
CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	BOD CUT SHEETS
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 701
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 31 OF 43

LBA Technology® 800.522.4464 | 3400 Tupper Drive, Greenville, NC 27834

RFGREEN® SM-10YE - TECHNICAL DATA 2022/05







Polyester mesh with maximum shielding for versatile applications (e.g. as base wallpaper). 98 dB. Interior. Width 35.43 in.

PROPERTIES
SM-10YE is a compact woven, metallized polyester netting for the large-scale shielding of high-frequency radiation (HF) and low-frequency electric fields (LF). Our highest shielding professional product for walls, ceilings and floors. Commercial product for data centers, laboratories, TEMPEST rooms, ... now available for private use.

APPLICATION
Interior for walls, ceilings and floors. As intermediate wallpaper, for drywall constructions, loosely laid, to shield devices, etc.

PROCESSING
In case of processing as an intermediate wallpaper, for glueing we recommend a commercially available dispersion glue. The wall and the backside of the material are coated with a paint roller. Insert the material wet on wet, fix it manually (with disposable gloves) and use a gummed roller to get a crease-free surface. Work quickly and strip by strip only, so that the dispersion glue does not dry. A crease-free bonding is only possible on perfectly plane surfaces. Further the material can be laid loosely, e.g. under floor coverings or can be stapled, e.g. in drywall constructions. Always overlapp the single strips, so that they connect electrically for grounding.

TECHNICAL DATA
Width: 35.43 in
Length: By the foot / 328.08 in roll
Attenuation: 98 dB
Self-adhesive with electrically conductive glue
Weight: 90 g/m2
Material thickness: 0.003 in
Color: Gray / Brown
Tensile strength: 90 lbf
Materials: Polyester, copper, nickel
Surface conductivity: 0.01 ohm (square resistance)

GROUNDING
This product with an electrically conductive surface has to be integrated into the functional- equipotential bonding (FEB). Please find suitable grounding accessories under "Grounding".

SHIELDING ATTENUATION HF & LF
This product shields high frequency electromagnetic fields (HF). Unless otherwise stated, the indicated dB-values apply to 1 GHz. Measurement from 600 MHz to 40 GHz according to standards ASTM D4935-10 or IEEE Std 299-2006.
This product with an electrically conductive surface shields low-frequency alternating electric fields (LF).

LABORATORY & EXPERT REPORT OF SHIELDING ATTENUATION UP TO 40 GHZ
We have already invested in our own professional EMV laboratory years ago. We not only use it to create our laboratory screening reports but also to check each batch daily. Additionally, we have all our products checked by an independent, well-respected expert. Double checked for twice the safety. Please find the reports above at the downloads.

READY FOR 5G
Some companies offer "special" 5G-products. This products shields all 5G-frequencies, even without advertising this! Find two gray bars in all shielding diagrams with the 5G frequency spectrums FR1 (600 MHz – 6GHz) and FR2 (24 GHz – 40 GHz).

SM-10YE
RF Shielding Fabric

www.lbagroup.com

www.lbagroup.com/products/rf-architectural-shielding-products

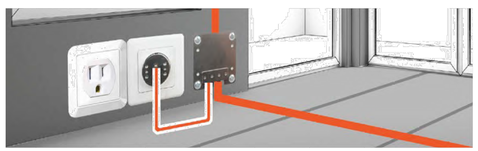
LBA ONESOURCE® 800.522.4464 | 3400 Tupper Drive, Greenville, NC 27834

RFGREEN® GROUNDING - TECHNICAL DATA 2023/08

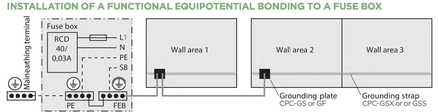
CPC-GS
Grounding Plates
1 rounding plate
1 Covering cap
4 Screws & dowels
3 Solder plugs

CPC-GL
Grounding Cables
1 Highly flexible cable

CPC-GSX
Grounding Straps
1 Self-adhesive strap



INSTALLATION OF A FUNCTIONAL EQUIPOTENTIAL BONDING TO A FUSE BOX



FOR PROFESSIONAL USE ONLY - SOLO PARA USO PROFESIONALY

GROUNDING SYSTEM
Many of our grounding components can be connected to each other with our grounding cables GL. The 4 mm gold plugs are fixed very firm and contact safe in the tight 3.8 mm connectors. Many grounding plates includes covering caps, that serve as protection against an accidential unplug of the cables.

IMPORTANT SAFETY GUIDELINES
Large shielding measures with shielding materials are no electrical equipment but "new conductive parts" according to IEV 826-03-03 or IEV 195-06-11 and thereby a new method of DIN VDE 0100-100:2009-06. By connecting the material(s) to the potential equalization they are inherent part of the electrical system. Generally accepted rules of technology have to be respected.
The state of the technology differentiates between protective equipotential bonding and functional equipotential bonding (FEB). The protective equipotential bonding (green/yellow cable) is a protective measure and ensures that, in the event of a fault, sufficient fault current flows to operate the disconnection device (e.g. line circuit breaker). **The functional equipotential bonding (transparent cable) has the function to reduce the emission of low-frequency electrical fields, i.e. prevents from leaking electrical field.**
1. Grounding earthing measures are only permitted in TN-S, TT and IT networks. Grounding measures must never be executed in network forms with combined PEN-wiring.
2. A leakage/fault circuit breaker with ≤ 30 mA must be installed.
3. DIN EN 62305-3 (VDE 185-305-3:2006-10) applies to buildings with outer lightning protection system.

PROPER GROUNDING SEQUENCE
1. The FEB-balancing circuit has to be connected directly to the FEB-busbar with a 4 mm² cable in the electric circuit distributor (fuse box).
2. In exceptional cases, the FEB-balancing circuit can be connected with a 2.5 mm² cable to a suitable protective earth conductor or balancing line in existing installations.
3. Grounding with our grounding plug GP by screwing in the power socket.
Grounding is to be completed by a licenced electrician
4. Less recommended are our grounding rods GR50, GR100. It is nevertheless possible to use them in network forms with combined PEN-wiring. Please be sure to follow all local laws and standards.

www.lbagroup.com/products/rf-shielding-paint-store

LBA GROUP | LBA UNIVERSITY

LBA ONESOURCE

PRODUCTS

YSHIELD® HIGH PERFORMANCE RF SHIELDING MESH – HNG100

SKU: SM10-YE **Stock Status:** In stock

Special Order. Ships in 2-3 Weeks.

YSHIELD® HNG100 – HIGH PERFORMANCE RF SHIELDING MESH

High Performance RF Shielding Mesh SM-10YE (HNG100) offers maximum shielding against high-frequency radiation (HF) and low-frequency electric fields (LF) with its compact woven, metallized polyester netting. With a shielding capability of 98 dB, it's ideal for walls, ceilings, and floors in data centers, laboratories, TEMPEST rooms, and more in both commercial and private settings. Easy to install professionally with self-adhesive electrically conductive glue.

RF Shielding Mesh is sold by the meter, delivered as a continuous piece rather than individual meters.

Product Description

High Performance RF Shielding Mesh SM-10YE (HNG100) is a compact woven, metallized polyester netting designed for large-scale shielding of high-frequency radiation (HF) and low-frequency electric fields (LF). With exceptional attenuation properties of up to 98 dB, this professional-grade product is ideal for walls, ceilings, and floors in environments such as data centers, laboratories, and TEMPEST rooms. Versatile applications include interior use as base wallpaper or intermediate wallpaper in drywall constructions. Processing is simple with commercially available dispersion glue, ensuring quick and effective installation. Made of polyester, copper, and nickel, this fabric offers a surface conductivity of 0.01 ohm and is self-adhesive with electrically conductive glue.

Features:

- **Professional Grade:** Compact woven, metallized polyester netting for large-scale shielding.
- **Exceptional Attenuation:** Offers 98 dB attenuation, ensuring unparalleled protection.
- **Versatile Application:** Suitable for walls, ceilings, and floors in data centers, laboratories, TEMPEST rooms, and private use.
- **Self-Adhesive:** Comes with electrically conductive glue for easy installation.
- **Durable Construction:** Lightweight yet durable, with a weight of 90 g/m2.
- **Ready for 5G:** Shields all 5G frequencies effectively, ensuring comprehensive protection.

Specifications:

- **Attenuation:** Up to 98 dB at 1 GHz
- **Width:** 35.43 inches (90 cm)
- **Length:** Sold by the meter /100 m per roll / 109. 36 yards per roll / 328.08 ft per roll
- **Weight:** 90 g/m2
- **Material Thickness:** 0.003 inches
- **Color:** Gray / Brown
- **Tensile Strength:** 90 lbf
- **Materials:** Polyester, copper, nickel
- **Surface Conductivity:** 0.01 ohm (square resistance)

rFOIL® Reflective Insulation

TECHNICAL DATA SHEET

1800S ULTRA NT RADIANT BARRIER (SOLID)
Designed for (SCIF's) Sensitive Compartmental Information Facilities
(Aluminum Foil / Woven Poly / Aluminum Foil)

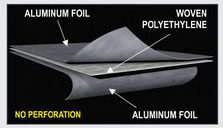
PATENTED

Page 1 of 2

Product Description:

rFOIL® Ultra NT Radiant Barrier is a heavy duty radiant barrier sheet made up of a single layer of woven polyethylene material bonded to and sandwiched between two highly reflective aluminum foil surfaces.

Ultra NT Radiant Barrier is designed to be used in Sensitive Compartmented Information Facilities (SCIF's). In addition to being a highly effective radiant barrier, Ultra NT solid is also an approved vapor barrier.



Features:

- **Minimum Shielding Effectiveness (100MHz – 10GHz): 85 dB**
- Wider frequency test results available
- Highly reflective radiant barrier aluminum foil surface
- Reflects 97% of Radiant Heat
- Thermal performance unaffected by moisture
- Unrolls and cuts easily
- Durable and flexible woven polyethylene base
- Increases sound attenuation for SCIF's

Applications:

- Sensitive Compartmented Information Facilities (SCIF's)

Stock Roll Sizes:

Size:	48" x 125' (Solid)
Part No.	1800-48-125S

(SOLID product)
No Perforation

ASTM INTERNATIONAL Verified
RIMA International US-006-20

PHYSICAL PROPERTIES	TEST	VALUE
EMISSIVITY	ASTM C1371-04A	0.03
REFLECTIVITY	—	0.97
CORROSIVENESS	ASTM D3310-00	PASSES
FIRE RATING	ASTM E84-10	CLASS 1 / CLASS A
	ASTM E84-10	FLAME SPREAD = 0 / SMOKE DEVELOPED = 20
BLEEDING and DELAMINATION	ASTM C1224-03	NO BLEEDING or DELAMINATION
PLIABILITY	ASTM C1224-03	NO CRACKING
WATER VAPOR PERMEABILITY	ASTM E96-05	0.01 Perms
RESISTANCE TO FUNGI	ASTM C1338-08	PASSES
TENSILE STRENGTH TEAR RESISTANCE	ASTM D2261	LENGTH: 14.93 lbs
		WIDTH: 15.13 lbs
SHIELDING EFFECTIVENESS	IEEE-299-2006	(100Mhz - 10Ghz) : 85 dB

COVERTECH FLEXIBLE PACKAGINGS
A Division of Balcan Innovations Inc.

279 Humberline Drive Etobicoke, ON M9W 5T6
Toll Free: 1-800-837-8961 Local: 416-798-1340
Email: sales@rfoil.com Website: www.rfoil.com

Published: June 17, 2022

rFOIL® Reflective Insulation

TECHNICAL DATA SHEET

rFOIL® Aluminum Tapes for SCIF

PATENTED

Product Description:

rFOIL® Aluminum Foil Adhesive Tapes seals seams and joints effectively with Aluminum Foil Tape with non-conductive adhesive for SCIF. Available in two sizes, 2" x 150' and 3" x 150', this tape is designed to complement the rFOIL Barrier foil products. The silver reflective foil tape features a conductive surface with a non-conductive adhesive, ensuring a complete seal and continuous vapor barrier. By sealing seams, this tape enhances the RF blocking capabilities of SCIF barrier materials, safeguarding against electronic and physical surveillance.
Acrylic pressure sensitive adhesive combines superior quick-stick at normal temperatures, with excellent low temperature performance below freezing. These tapes can help maintain a complete seal in radiant barrier systems and are resistant to moisture, flame spread and smoke generation. High temperature resistance makes rFOIL® tapes ideal for use in heat repelling applications.

Features:

- Pressure-sensitive acrylic adhesive forms a bond that strengthens with time
- Maintain a continuous vapor barrier and constant insulator
- In exposed applications, rFOIL® tapes help create a seamless finish to interior walls and ceiling

Available Configurations Per Request Only:

rFOIL® Adhesive Tapes are available with a metallized polyester, premium metallized polyester, aluminum, conductive aluminum, or a durable white poly surface. The acrylic adhesive was specially formulated for excellent performance at sub-freezing temperatures, without compromising ease of application.

APPLICATIONS

rFOIL TAPE PRODUCT CODES		rFOIL SURFACE APPLICATIONS	rFOIL INSULATION PRODUCTS TO BE USED WITH
15512	Aluminum Foil 2 inches	Used on rFOIL Products with an Aluminum Surface	rFOIL (1800) Series
15513	Aluminum Foil 3 inches	Used on rFOIL Products with an Aluminum Surface	rFOIL (1800) Series

PRODUCT SPECIFICATIONS

Product Code Item Numbers and Sizes:	Item# Size 15512 - (2" x 150')	Item# Size 15513 - (3" x 150')			
Physical Properties	ALUMINUM FOIL for SCIF	ALUMINUM FOIL for SCIF			
THICKNESS	2.8 MILS (0.0028")	2.8 MILS (0.0028")			
PEEL ADHESION	46 oz. / in. width	46 oz. / in. width			
BACKING	Aluminum Foil	Aluminum Foil			
ELONGATION	4%	4%			
TENSILE STRENGTH	15 lbs. / in.	15 lbs. / in.			
TEMPERATURE RESISTANCE	-40°C to 121°C	-40°C to 121°C			
ADHESIVE	Acrylic	Acrylic			
FIRE CLASSIFICATION	UL723	UL723			

All tape specifications and sizes are subject to change without notice

Published: August 25, 2022

COVERTECH FLEXIBLE PACKAGINGS
A Division of Balcan Innovations Inc.

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LBAGroup.com
LBAOneSource.com

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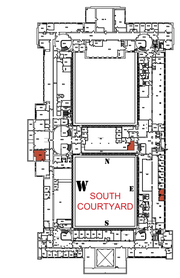


CERTIFICATIONS

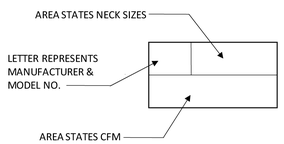
REVISION NOTES

DATE	MARK	DESCRIPTION

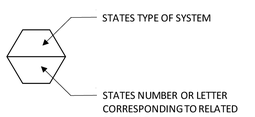
CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	
	CONS.CONTR.	
	CONS. WORK	
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	
BUILDING	NAME	
	STREET	
	CITY/ST/ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER	
	BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	30 MARCH 2026
DRAWING	DRAWING TITLE	BOD CUT SHEETS
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	AGF DATE DRAFTED: 06/10/2025
	CHECKED BY	LSP SHEET SIZE: 24 x 36
	DRAWING NO.	A- 702
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET 32 OF 43

MECHANICAL SYMBOL LIST

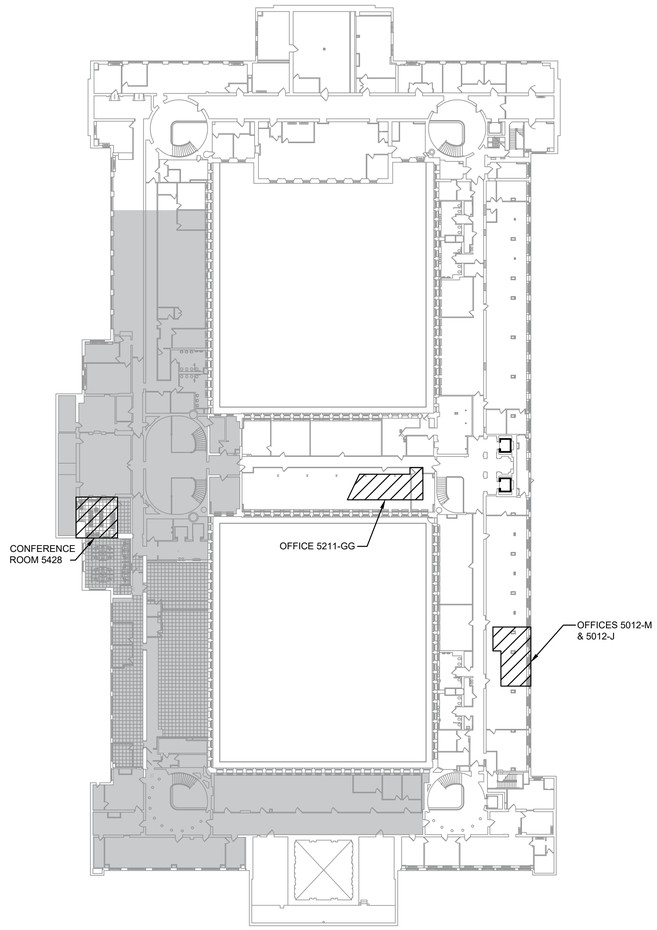
SYMBOL	DESCRIPTION
D	DUCT DROP
R	DUCT RISE
M	MOTOR OPERATED DAMPER
	SUPPLY AIR DEVICE. ARROWS INDICATE DIRECTION OF AIRFLOW
	MANUAL VOLUME DAMPER - M.V.D.
S.D.	SMOKE DAMPER, S.D.
F.D.	FIRE DAMPER, F.D.
F.S.D.	COMBINATION FIRE/ SMOKE DAMPER
	CONICAL TEE
	BRANCH DUCT WITH 45 CLINCH COLLAR CONNECTION TO MAIN TRUNK DUCT
	RECTANGULAR TURN W/ TURNING VANES
	FLEXIBLE ROUND DUCT
	RIGID ROUND DUCT
T	THERMOSTAT
EF	EXHAUST FAN
RTU	ROOFTOP UNIT
DSS	DUCTLESS SPLIT SYSTEM
CFM	CUBIC FEET PER MINUTE
EA	EXHAUST AIR
OA	OUTSIDE AIR
OED	OPEN END DUCT
SA	SUPPLY AIR
RA	RETURN AIR
AFF	ABOVE FINISHED FLOOR
(E)	EXISTING
(D)	DEMOLISH
M1	PLAN NOTE REFERENCE SYMBOL
	DEMOLISH EXISTING
	CONNECT TO EXISITNG
	LINE/DUCT BREAK



AIR DEVICE DESIGNATION



MECHANICAL EQUIPMENT DESIGNATION



GENERAL REQUIREMENTS

1. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS OF THIS PROJECT.
2. BID PHASE:
   IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DOCUMENTS TO INCLUDE PLANS AND SPECIFICATIONS FOR THE ARCHITECTURAL AND OTHER WORK UNDER OTHER DIVISIONS THAT CAN AFFECT THE WORK OF THIS DIVISION. THE CONTRACTOR SHALL ISSUE A FORMAL REQUEST FOR INFORMATION FOR CLARIFICATIONS OF ANY DISCREPANCIES IN THE DOCUMENTS PRIOR TO FINAL BID SUBMISSION.
3. PRE-CONSTRUCTION:
   IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL REVISED DOCUMENTS TO INCLUDE ARCHITECTURAL PLANS AND WORK UNDER OTHER DIVISIONS THAT CAN AFFECT THE WORK OF THIS DIVISION. THIS INCLUDES REVIEW OF ALL ADDENDUMS, REVISIONS AND SHOP DRAWINGS THAT AFFECT THE WORK OF THIS DIVISION. THE CONTRACTOR SHALL NOTIFY THE A/E TEAM OF ANY DISCREPANCIES PRIOR TO FINAL ROUGH-IN.

MECHANICAL DRAWING LIST

No.	Sheet No.	Sheet Title
1	M001	COVER SHEET MECHANICAL
2	M002	FLOOR PLAN OFFICE 5211 MECHANICAL DEMOLITION
3	M003	FLOOR PLAN OFFICES 5012 J & 5012M MECHANICAL DEMOLITION
4	M101	FLOOR PLAN OFFICE 5428 MECHANICAL
5	M102	FLOOR PLAN OFFICE 5211 MECHANICAL
6	M103	FLOOR PLAN OFFICES 5012 J & 5012M MECHANICAL
7		
8		
9		

MECHANICAL SPECIFICATIONS

1. Furnish and install a complete and operational system in accordance with drawings and these specifications. Provide all materials whether specified or not for a complete and operational system that complies with all required codes and standards. All materials and equipment shall be installed in accordance with the manufacturer's instructions and all applicable codes and standards. Equipment shall be installed complete including power, controls, supports, etc.
2. The contractor shall be responsible for visiting the site prior to bid and becoming familiar with all existing conditions that may affect his work. The contractor shall include in his bid any required labor and materials necessary to modify, remove or relocate existing work to allow for the new work to be installed. If the contactor believes the new work cannot be installed as shown in the drawings, he shall inform the project construction manager immediately. There shall be no additional compensation for failure to include coordination with existing conditions in the scope and cost. Site visits shall require an escort provided by the US Treasury and shall be scheduled a minimum of 48 hours in advance.
3. All work shall be done in accordance with applicable building, mechanical, plumbing, electrical and energy codes and standards. These include, but are not limited to the 2021 International Building Code (IBC), International Mechanical Code (IMC), International Plumbing Code (IPC), International Fuel Gas Code (IFGC), National Fire Protection Association (NFPA), American Society of Refrigeration and Air Conditioning Engineers (ASHRAE), Sheet Metal and Air Conditioning Contractors National Association (SMACNA), National Electrical Code. If any existing code violations are found, the contractor shall notify the project manager immediately. Construction shall also comply with all requirements of ICD/ICS 705 Standards.
4. The contractor shall maintain a competent superintendent on site at all times who will oversee all work and ensure the construction is done in a safe, clean and professional manner. He shall ensure the work is done in accordance with the project specifications, all layout is correct and accurate and the quality of the workmanship meets or exceed industry standards. He shall also verify all manufacturer instructions are being followed for installation and setup.
5. The contractor shall submit equipment shop drawings for all major equipment and materials including, but not limited to, fans, ductwork, air devices, etc. Shop drawings shall indicate materials, dimensions, weights, performance data and warranty information.
6. The contractor shall maintain a set of as-built documents on site at all times. The drawings shall maintain red-line markup of all deviations from the deign documents and include pertinent information such as critical dimensions and elevations.
7. All new equipment and materials shall be reviewed by the contractor before ordering to ensure the equipment will fit in the given space, is suitable for the location, arrangement of duct, piping, etc, and can be serviced once installed. All required service access space shall be maintained and room shall be provided to remove filters. Verify equipment electrical characteristics meet the existing available power.
8. Ductwork shall be constructed of galvanized sheet metal fabricated and installed in accordance with the latest SMACNA standards. Ductwork shall be constructed to 2" wc working pressure and shall have a minimum thickness of 26 gage. Duct transitions and turns shall utilize fittings. Install flexible duct connectors at each connection to equipment with moving parts (ie fan coil units and exhaust fans, etc). All supply and return ductwork shall be insulated with 1.5" thick foil faced fiberglass duct-wrap with integral vapor barrier. Flexible branch ducts shall be permitted provided they are UL sited for such duty, are pre-insulated and carry a helical spring to retain its shape. Flexible branch ducts shall not exceed 6 ft in length and shall not turn more than 270 degrees.
9. All new or modified air systems shall be balanced by a third-party firm certified by AABC or NEBB. Test and Balance all supply air outlets, return air inlets, exhaust air inlets and outside air intake on the affected rooftop units and split system. All airflows shall be set to within 10% of that prescribed on the drawings. Submit to the engineer of record a Test and Balance report at the completion of the project indicating information about each unit and fan, provide a static pressure profile of the rooftop unit, provide duct traverse measurements of main supply ducts and tabulate the air balance for each air device.
10. New chilled water and heating water pipe shall be Type L copper with soldered fitting and joints for pipes 2" and smaller. For pipes 2 ½" and larger use schedule 40 black steel pipe with welded fittings and joints. All shut-off valves shall be full port bronze ball valves with extended handle extensions. Valves in welded pipe systems shall either use flanged or screw fittings. Valve shall be listed for 150 lb working pressure. Pipe shall be supported from the structure using clevis hangers with all-thread rod. Copper pipe shall be supported using copper hangers or otherwise means to separate differing pipe materials. Install dielectric fitting between connections of copper to steel pipes and fittings. HVAC piping shall be insulated with preformed fiberglass pipe insulation with all service jacket and integral vapor barrier. Thicknesses shall be as follows:
    - 10.1. Heating Water ½" - 1 ½" use 1.5 thick insulation
    - 10.2. Heating Water 1 ½" - 3" use 2" thick insulation
    - 10.3. Chilled Water ½" - 1 ¼" use ½" thick insulation
    - 10.4. Chilled Water 1 ½" - 4+" use 1" thick insulation
11. All pipes shall be adequately labeled by their service and flow direction arrows. Match standard convention used at US Treasury.

100% SUBMISSION -FINAL 03-27-2026

SRBR No: 25132

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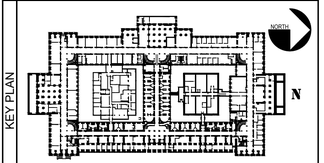
757 Frederick Road Suite 300 - Catonsville, Maryland 21228
Phone: 410/869-7282 Web: www.SRBRengineers.com

CERTIFICATIONS

KEY PLAN



REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS

A/E CON. NO.	
A/E TASK NO.	TRES-2025-012
PRIME A/E	MERIDIEN GROUP / CITADEL DCA
SUB A/E	MEP: SRBR Engineers Inc.

BUILDING

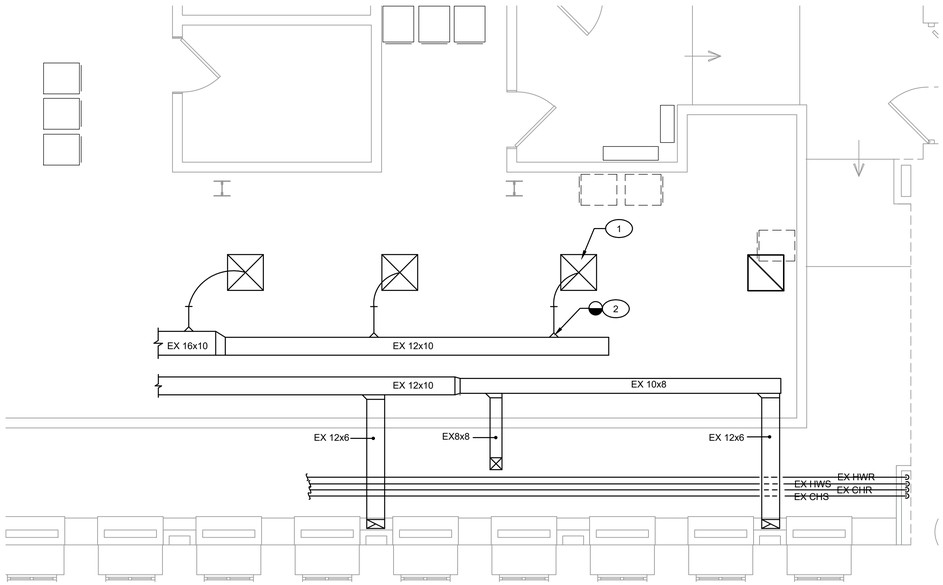
NAME	
STREET	
CITY/ST./ZIP	WASHINGTON, DC
BUILDING NO.	DC-
OTHER	
BUILDING NOs.	
FACILITY CODE	

PROJECT

PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
PROJECT DESCRIPTION	WEST WING
PROJECT NO.	0025-25
GSA PM	BARBARA CHOATE
SUBMISSION	100% SUBMISSION
SUB. DATE	23 JANUARY 2026

DRAWING

DRAWING TITLE	COVER SHEET MECHANICAL
FILE NAME	
FLOOR NO.	5TH FLOOR
DRAWN BY	PTL DATE DRAFTED: 01/14/2026
CHECKED BY	KM SHEET SIZE: 24 x 36
DRAWING NO.	M001
	DISCIPLINE SHEET TYPE SEQUENCE
	SHEET OF



FLOOR PLAN - OFFICE 5211 - MECHANICAL DEMOLITION

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

0 1' 2' 4' 8'

PLAN NOTES

1. RELOCATE EXISTING AIR DEVICE. SEE DRAWING M102 FOR NEW LOCATION.

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. DRAWINGS ARE BASED ON EXISTING DOCUMENTS PROVIDED AND NOT ON FIELD SURVEY. DISCREPANCIES MAY EXIST BETWEEN ACTUAL CONDITIONS AND THESE DRAWINGS. INFORM THE COR PRIOR TO COMMENCING WORK.
2. OPEN OFFICE SHALL BE CONVERTED FROM EXISTING OPEN OFFICE SPACE TO SECURE A SECURE OFFICE THAT MEETS STC-50, SOUND LEVEL 4 REQUIREMENTS AND ICS/IDS 705 STANDARDS
3. UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE EXISTING MECHANICAL SYSTEM SHALL REMAIN UNALTERED.

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SRBR No: 25132

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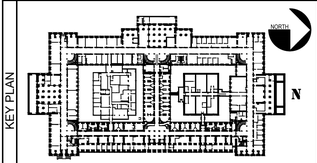
CERTIFICATIONS

KEY PLAN



REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

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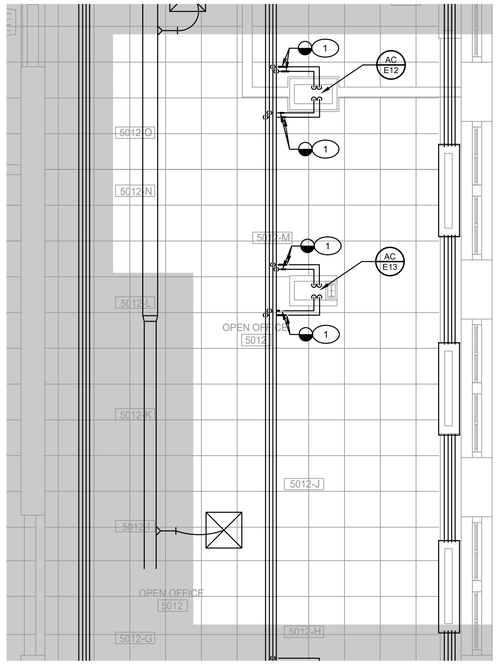
CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	TRES-2025-012
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	MEP: SRBR Engineers Inc.
BUILDING	NAME	
	STREET	
	CITY/ST./ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	WEST WING
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	23 JANUARY 2026
DRAWING	DRAWING TITLE	FLOOR PLAN-OFFICE 5211 - MECHANICAL DEMO
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	PTL DATE DRAFTED: 01/14/2026
	CHECKED BY	KM SHEET SIZE: 24 x 36
	DRAWING NO.	M002
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET OF



FLOOR PLAN - OFFICES 5012J & 5012M - MECHANICAL DEMOLITION

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

0 1' 2' 4' 8'

PLAN NOTES

(1) CUT PIPES AT POINTS INDICATED TO ADD NON-METALLIC BREAK IN PIPE BRANCH

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. DRAWINGS ARE BASED ON EXISTING DOCUMENTS PROVIDED AND NOT ON FIELD SURVEY. DISCREPANCIES MAY EXIST BETWEEN ACTUAL CONDITIONS AND THESE DRAWINGS. INFORM THE COR PRIOR TO COMMENCING WORK.
2. OPEN OFFICE SHALL BE CONVERTED FROM EXISTING OPEN OFFICE SPACE TO TWO (2) SECURE OFFICES THAT MEET STC-50, SOUND LEVEL 4 REQUIREMENTS AND ICS/IDS 705 STANDARDS. ALL PERIMETER WALLS SHALL BE EMI SHIELDED.
3. UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE EXISTING MECHANICAL SYSTEM SHALL REMAIN UNALTERED.

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SRBR No: 25132

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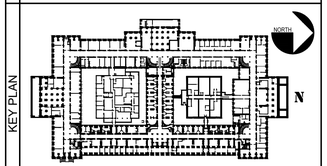
CERTIFICATIONS

KEY PLAN



REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

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CONTRACTORS

A/E CON. NO.	
A/E TASK NO.	TRES-2025-012
PRIME A/E	MERIDIEN GROUP / CITADEL DCA
SUB A/E	MEP: SRBR Engineers Inc.

BUILDING

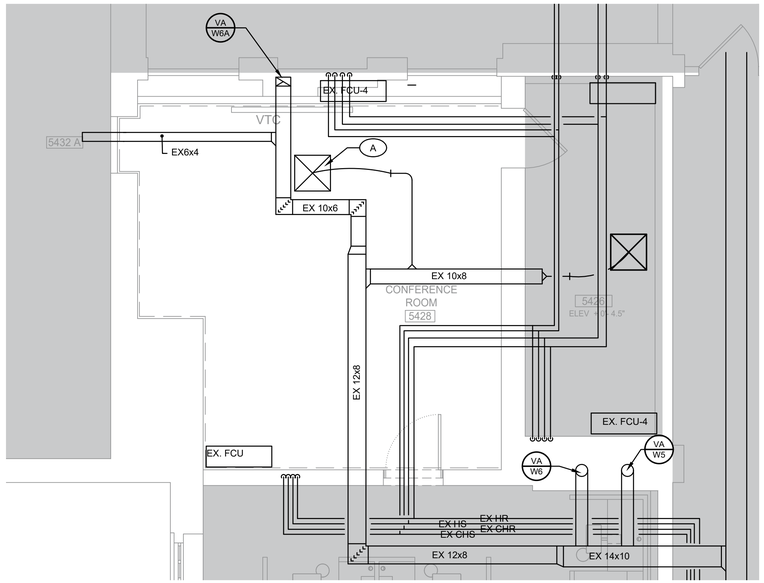
NAME	
STREET	
CITY/ST./ZIP	WASHINGTON, DC
BUILDING NO.	DC-
OTHER BUILDING NOs.	
FACILITY CODE	

PROJECT

PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
PROJECT DESCRIPTION	WEST WING
PROJECT NO.	0025-25
GSA PM	BARBARA CHOATE
SUBMISSION	100% SUBMISSION
SUB. DATE	23 JANUARY 2026

DRAWING

DRAWING TITLE	FLOOR PLANS-5012J & 5012M-MECHANICAL DEMO
FILE NAME	
FLOOR NO.	5TH FLOOR
DRAWN BY	PTL DATE DRAFTED: 01/14/2026
CHECKED BY	KM SHEET SIZE: 24 x 36
DRAWING NO.	M003
	DISCIPLINE SHEET TYPE SEQUENCE
	SHEET OF



FLOOR PLAN - OFFICE 5428 - MECHANICAL

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

0 1' 2' 4' 8'

PLAN NOTES

(A) BALANCE AIR DEVICE TO 120 CFM

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. DRAWINGS ARE BASED ON EXISTING DOCUMENTS PROVIDED AND NOT ON FIELD SURVEY. DISCREPANCIES MAY EXIST BETWEEN ACTUAL CONDITIONS AND THESE DRAWINGS. INFORM THE COR PRIOR TO COMMENCING WORK.
2. CONFERENCE ROOM SHALL BE CONVERTED FROM EXISTING OPEN OFFICE SPACE TO SECURE CONFERENCE SPACE THAT MEETS STC-50, SOUND LEVEL 4 REQUIREMENTS. WALLS SHALL BE EMI-SHIELDED.
3. ALL EXISTING HVAC (DUCT, PIPE, EQUIPMENT, ETC) SHALL REMAIN UNALTERED UNLESS OTHERWISE NOTED.

Table 1: Summary Calculation Used to Determine Outdoor Air Ventilation Rates - Mechanically Ventilated

Reference - 2021 IMC

US TREASURY - 5428 Conference Room

Zone Identification				2018 International Mechanical Code Compliance											
Room No.	Room Name	Occupancy Category	Area (sf)	People Outdoor Air Rate (cfm/ person)	Area Outdoor Air Rate (cfm/sf)	Occupant Load rate per Table 403.3 (#/1000sf)	Number of Occupants (#)	Breathing Zone Outdoor Air Flow Vbz (CFM)	*Table 403.3.1.2* Zone Air Distribution Effectiveness Ez	Zone Outdoor Air Flow Voz (CFM)	Zone Primary Air Flow Vpz (CFM)	Primary Outdoor Air Fraction Zp=Voz/ Vpz	Actual Primary Outdoor Air Fraction	Actual Zone Outdoor Air Flow Rate (CFM)	Meets Standard?
5428	Conference Room	Conference	384	5.00	0.06	50.00	19	119	1	119	120	0.99	1.00	120	Y

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SRBR No: 25132

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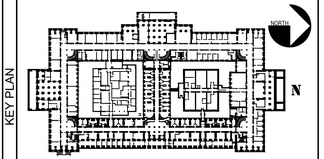
CERTIFICATIONS

KEY PLAN



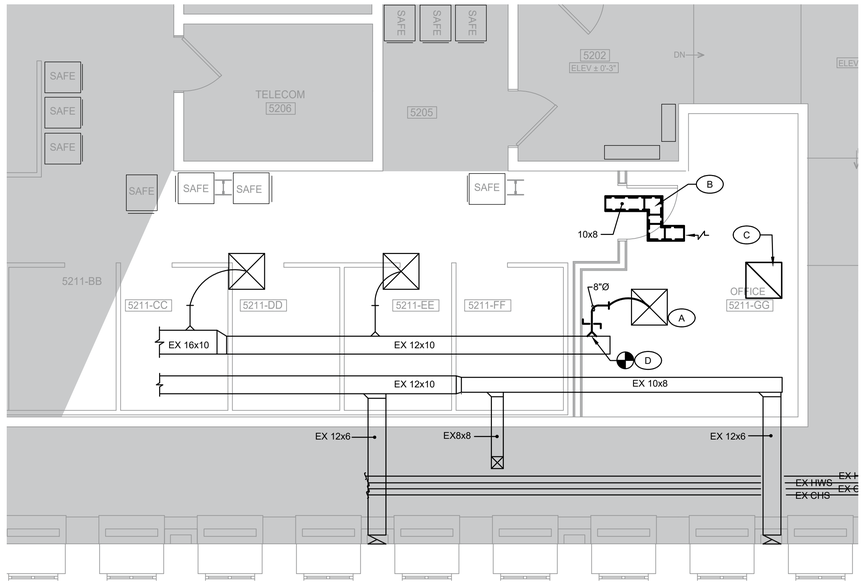
REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	TRES-2025-012
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	MEP: SRBR Engineers Inc.
BUILDING	NAME	
	STREET	
	CITY/ST./ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	WEST WING
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	23 JANUARY 2026
DRAWING	DRAWING TITLE	FLOOR PLANS - OFFICE 5428 - MECHANICAL
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	PTL DATE DRAFTED: 01/14/2026
	CHECKED BY	KM SHEET SIZE: 24 x 36
	DRAWING NO.	M101
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET OF



FLOOR PLAN - OFFICE 5211 - MECHANICAL

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

0 1' 2' 4' 8'

PLAN NOTES

- (A) RELOCATED SUPPLY AIR DEVICE. BALANCE TO 195 CFM
- (B) NEW Z-DUCT RETURN INSTALLED ABOVE CEILING. DUCT SHALL BE INTERNALLY LINED WITH 1" THICK ACOUSTIC DUCT LINER
- (C) EXISTING RETURN GRILLE TO REMAIN
- (D) RELOCATED BRANCH SUPPLY DUCT

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. DRAWINGS ARE BASED ON EXISTING DOCUMENTS PROVIDED AND NOT ON FIELD SURVEY. DISCREPANCIES MAY EXIST BETWEEN ACTUAL CONDITIONS AND THESE DRAWINGS. INFORM THE COR PRIOR TO COMMENCING WORK.
2. OPEN OFFICE SPACE SHALL BE CONVERTED TO A SECURE OFFICE THAT MEETS STC-50, SOUND LEVEL 4 REQUIREMENTS AND ICS/IDS 705 STANDARDS

Table 1: Summary Calculation Used to Determine Outdoor Air Ventilation Rates - Mechanically Ventilated

Reference - 2021 IMC

US TREASURY - 5211 Secure Office

Zone Identification				2018 International Mechanical Code Compliance											
Room No.	Room Name	Occupancy Category	Area (sf)	People Outdoor Air Rate (cfm/ person)	Area Outdoor Air Rate (cfm/sf)	Occupant Load rate per Table 403.3 (#/1000sf)	Number of Occupants (#)	Breathing Zone Outdoor Air Flow Vbz (CFM)	*Table 403.3.1.2* Zone Air Distribution Effectiveness Ez	Zone Outdoor Air Flow Voz (CFM)	Zone Primary Air Flow Vpz (CFM)	Primary Outdoor Air Fraction Zp=Voz/ Vpz	Actual Primary Outdoor Air Fraction	Actual Zone Outdoor Air Flow Rate (CFM)	Meets Standard?
5211	Secure Office	Office	175	5.00	0.06	5.00	1	15	0.8	19	195	0.10	0.12	23	Y

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SRBR No: 25132

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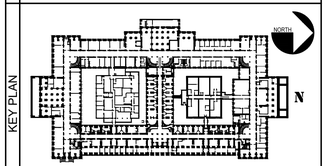
CERTIFICATIONS

KEY PLAN



REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

CAUTION: IF THIS DRAWING IS A REDUCTION THIS GRAPHIC SCALE MUST BE USED

CONTRACTORS

A/E CON. NO.	
A/E TASK NO.	TRES-2025-012
PRIME A/E	MERIDIEN GROUP / CITADEL DCA
SUB A/E	MEP: SRBR Engineers Inc.

BUILDING

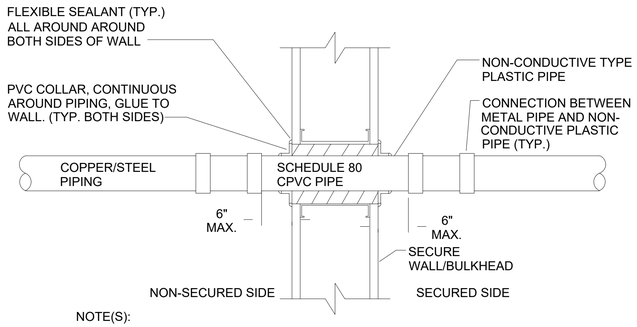
NAME	
STREET	
CITY/ST./ZIP	WASHINGTON, DC
BUILDING NO.	DC-
OTHER BUILDING NOs.	
FACILITY CODE	

PROJECT

PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
PROJECT DESCRIPTION	WEST WING
PROJECT NO.	0025-25
GSA PM	BARBARA CHOATE
SUBMISSION	100% SUBMISSION
SUB. DATE	23 JANUARY 2026

DRAWING

DRAWING TITLE	FLOOR PLANS OFFICE 5211 MECHANICAL
FILE NAME	
FLOOR NO.	5TH FLOOR
DRAWN BY	PTL DATE DRAFTED: 01/14/2026
CHECKED BY	KM SHEET SIZE: 24 x 36
DRAWING NO.	M102
	DISCIPLINE SHEET TYPE SEQUENCE
	SHEET OF

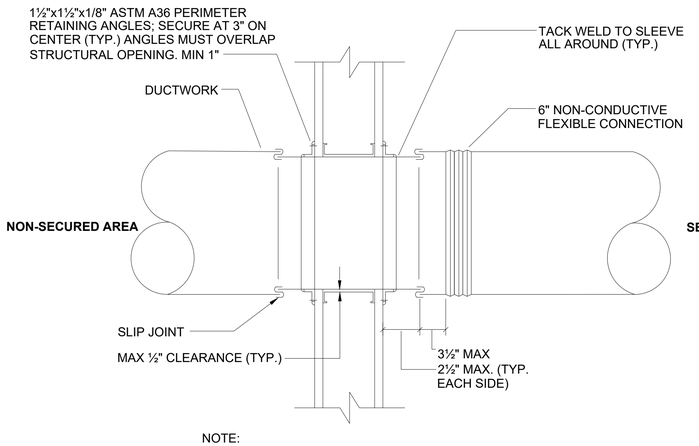


NOTE(S):

1. ALL PENETRATIONS THROUGH SECURED WALL UNABLE TO BE INSTALLED WITH A NON-METALLIC (PVC) PIPE SECTION SHALL BE INDIVIDUALLY GROUNDED WITH ONE No.6 AWG SOLID COPPER WIRE TO BUILDING STEEL WITHIN THE SECURE AREA WALL. SEE DETAIL BELOW
2. CLAMP ALL PENETRATIONS TO BARE COPPER WIRE AT INTERIOR PERIMETER OF SECURE WALL (SUCH AS MECHANICAL PENETRATIONS: SPRINKLER PIPING, DOMESTIC WATER, WASTE VENT, ETC.)
3. ALL GROUNDING MUST BE DONE INSIDE SECURE AREA.
4. ALL PIPING MATERIALS TO BE PLENUM RATED.

DETAIL
PIPE PENETRATION THRU SECURE WALLS

NO SCALE



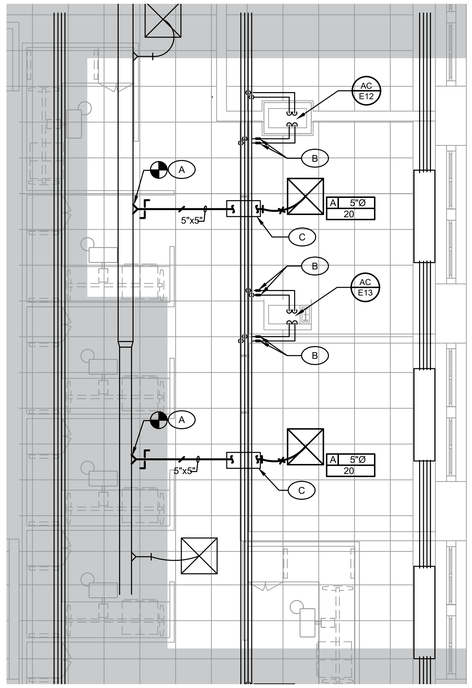
NOTE:

1.DETAIL FOR WALL SHOWN; SIMILAR CONSTRUCTION FOR ROOF.

2.MAN BARS ARE NOT REQUIRED FOR DUCTS WITH CROSS SECTIONAL AREA 96 SQUARE INCHES OR LESS AND WITH ONE DIMENSION 5" OR LESS

DETAIL
DUCT PENETRATION THRU SECURE WALL

NO SCALE



FLOOR PLAN - OFFICE 5012J & 5012M - MECHANICAL

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

0 1' 2' 4' 8'

PLAN NOTES

- (A) CONNECT NEW BRANCH DUCT TO EXISTING MAIN AND EXTEND INTO NEW OFFICE
- (B) INSTALL NON-METALLIC PIPE BREAK IN BRANCH PIPES AT THE POINT THEY PENETRATED THE BULKHEAD. SEE DETAIL ON THIS SHEET
- (C) INSTALL A FLEXIBLE, NON-CONDUCTIVE DUCT BREAK AT THE WALL PENETRATION. SEE DETAIL ON THIS SHEET

GENERAL NOTES

1. CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE STARTING. DRAWINGS ARE BASED ON EXISTING DOCUMENTS PROVIDED AND NOT ON FIELD SURVEY. DISCREPANCIES MAY EXIST BETWEEN ACTUAL CONDITIONS AND THESE DRAWINGS. INFORM THE COR PRIOR TO COMMENCING WORK.
2. OPEN OFFICE SPACE SHALL BE CONVERTED TO TWO (2) SECURE OFFICES THAT MEET STC-50, SOUND LEVEL 4 REQUIREMENTS AND ICS/IDS 705 STANDARDS.
3. ALL EXISTING HVAC (DUCT, PIPE, EQUIPMENT, ETC) SHALL REMAIN UNALTERED UNLESS OTHERWISE NOTED.
4. AN EXISTING BULKHEAD SHALL BE BUILT AROUND THE EXISTING CHILLED WATER AND HEATING WATER PIPE MAINS. THE LINES SHALL REMAIN AS IS.

Table 1: Summary Calculation Used to Determine Outdoor Air Ventilation Rates - Mechanically Ventilated

Reference - 2021 IMC

US TREASURY - 5012 Secure Office

Zone Identification				2018 International Mechanical Code Compliance											
Room No.	Room Name	Occupancy Category	Area (sf)	People Outdoor Air Rate (cfm/ person)	Area Outdoor Air Rate (cfm/sf)	Occupant Load rate per Table 403.3 (#/1000sf)	Number of Occupants (#)	Breathing Zone Outdoor Air Flow Vbz (CFM)	*Table 403.3.1.2* Zone Air Distribution Effectiveness Ez	Zone Outdoor Air Flow Voz (CFM)	Zone Primary Air Flow Vpz (CFM)	Primary Outdoor Air Fraction Zp=Voz/ Vpz	Actual Primary Outdoor Air Fraction	Actual Zone Outdoor Air Flow Rate (CFM)	Meets Standard?
5012J	Secure Office	Office	100	5.00	0.06	5.00	1	9	0.8	11	20	0.53	0.12	2	8
5012 M	Secure Office	Office	100	5.00	0.06	5.00	1	9	0.8	11	20	0.53	0.12	2	8

AIR DEVICE SCHEDULE

MARK	SYSTEM TYPE	PICTURE	MANUFACTURER & MODEL NO.	Remarks
A	SUPPLY DIFFUSER		"Price" Model No. '12"x12"/SCD/3P/4C/B12', all steel construction, square cone diffuser, 2'x2' T-bar lay-in, 4-cone fixed horizontal air pattern. Furnish with opposed blade damper.	Furnish in white powder coat finish.

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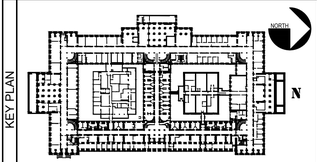

REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

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CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	TRES-2025-012
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	MEP: SRBR Engineers Inc.
BUILDING	NAME	
	STREET	
	CITY/ST./ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	WEST WING
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	23 JANUARY 2026
DRAWING	DRAWING TITLE	FLOOR PLANS MECHANICAL
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	PTL DATE DRAFTED: 01/14/2026
	CHECKED BY	KM SHEET SIZE: 24 x 36
	DRAWING NO.	M103
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET OF

ELECTRICAL SYMBOL LIST

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE - WP AND GFI PROTECTED, 125 VOLT, 18" AFF UNO (1)
J, JH	**JUNCTION OR PULL BOX - CEILING, WALL MOUNTED. SIZE PER N.E.C. UNLESS NOTED OTHERWISE.**
$ $2 $3 $4 $n	**SWITCH - SINGLE POLE, DOUBLE POLE, THREE WAY, FOUR WAY, SUPERSCRIPT DENOTES OUTLETS CONTROLLED. 44" AFF UNO PROVIDE NEUTRAL CONDUCTOR AT ALL SWITCHES. (COMPATIBLE W/LIGHTING CONTROL SYSTEM & BUILDING STANDARDS).**
$D	**DIMMER SWITCH COMPATIBLE WITH LIGHTING CONTROLS, 44" AFF.**
	CONTROL EQUIPMENT
	WIRING CONCEALED ABOVE CEILING OR IN WALL (INSULATED CONDUCTOR CONFIGURATION AS REQUIRED AND GROUND PER CODE) (5).
1	**PLAN NOTE - REFER TO NOTES ON DRAWING.**
OS	**OCCUPANCY SENSOR CEILING MOUNTED**
	FLUSH RAISED FLOOR BOX - TELECOM
	FLUSH RAISED FLOOR BOX - POWER
A	**LIGHTING CONTROL SYSTEM - LETTER INDICATES TYPE (SEE SCHEDULE).**
	2x2 GRID LIGHTING FIXTURE

SYMBOL NOTES

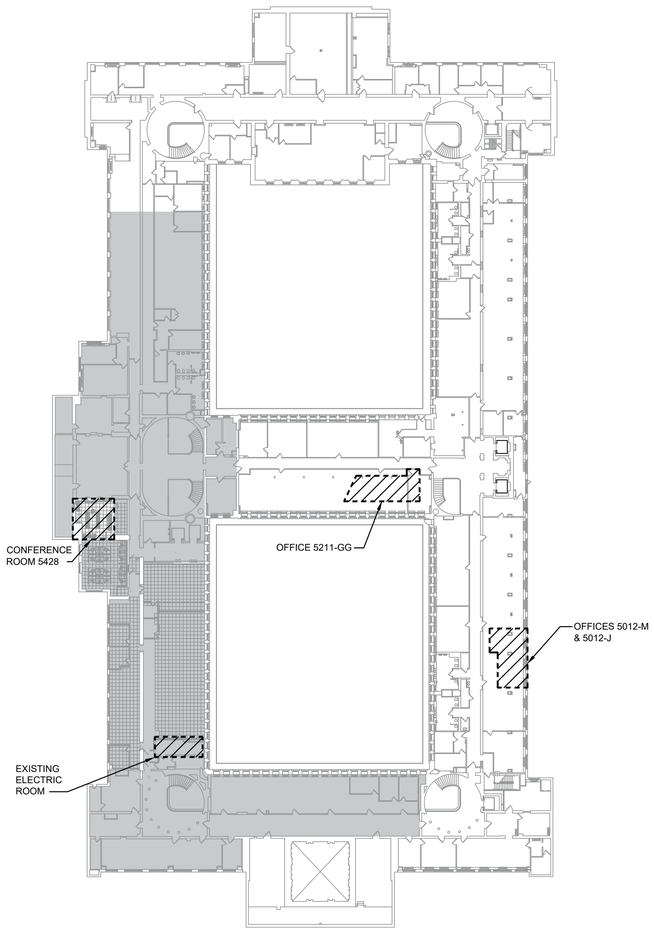
(1) PROVIDE GFCI OUTLET FOR EACH LOCATION INDICATED AND WHERE REQUIRED BY CODE. USE OF FEED THRU NEUTRAL/PROTECTION IS NOT ACCEPTABLE.

EXISTING CONDITIONS

DESIGNATION	DESCRIPTION
	PHANTOM DEVICES TO BE REMOVED
(N)	NEW EQUIPMENT
(E)	EXISTING EQUIPMENT TO REMAIN
(R)	EXISTING EQUIPMENT RELOCATED
(X)	EXISTING EQUIPMENT TO BE REMOVED
(X/R)	EXISTING EQUIPMENT TO BE RELOCATED
NOTE:	ALL EQUIPMENT SHOWN IS NEW U.N.O.

ABBREVIATIONS

A	**AMP,AMPERE (RATING AS INDICATED)**
AFCI	ARC FAULT CIRCUIT INTERUPTER (PROVIDE FOR ALL DWELLING UNIT 120V, 15 & 20 AMP CIRCUITS PER NEC 210.12)
AFF	**ABOVE FINISHED FLOOR (TO CENTERLINE UNO)**
C, CDT	**CONDUIT**
C/B	**CIRCUIT BREAKER**
CFSS	**COMBINATION FUSED STARTER SWITCH**
ECB	**ENCLOSED CIRCUIT BREAKER**
EWC	**ELECTRIC WATER COOLER, GFCI (VERIFY MTG.)**
G, GND	**EQUIPMENT GROUND**
GFP	**GROUND FAULT PROTECTION**
GFCI	GROUND FAULT CIRCUIT PROTECTOR (PROVIDE FOR ALL LOCATIONS PER NEC 210.8)
FSS	**FUSED SAFETY SWITCH**
IG	**ISOLATED GROUND**
MCB	**MAIN CIRCUIT BREAKER**
MLO	**MAIN LUGS ONLY**
MOCP	**MAIN OVER CURRENT DEVICE**
MTG	**MOUNTING PROVISIONS/HEIGHT**
N	**NEUTRAL CONDUCTOR**
NEC	NATIONAL ELECTRICAL CODE (LATEST EDITION UNO)
NFSS	**NON-FUSED SAFETY SWITCH**
NL	**NIGHTLIGHT (24 HOUR OPERATION)**
P	**POLE**
PC	**PC/COMMUNICATION OUTLET**
S-1	**SECTION #1 OF 2 SECTION PANEL (PROVIDE PANEL WITH FEED THRU LUGS)**
S-2	**SECTION #2 OF 2 SECTION PANEL**
SHUNT	**SHUNT TRIP CIRCUIT BREAKER**
SPD	**SURGE PROTECTION DEVICE (TVSS)**
SN	**SUPER NEUTRAL**
TG	**TRANSFORMER GROUND**
TVSS	**TRANSIENT VOLTAGE SURGE SUPPRESSOR**
UNO	**UNLESS NOTED OTHERWISE**
V	**VOLTAGE (RATING AS INDICATED)**
WP	**WEATHERPROOF (NEMA 3R UNO)**



GENERAL REQUIREMENTS

1. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS OF THIS PROJECT.
2. BID PHASE:
   IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DOCUMENTS TO INCLUDE PLANS AND SPECIFICATIONS FOR THE ARCHITECTURAL AND OTHER WORK UNDER OTHER DIVISIONS THAT CAN AFFECT THE WORK OF THIS DIVISION. THE CONTRACTOR SHALL ISSUE A FORMAL REQUEST FOR INFORMATION FOR CLARIFICATIONS OF ANY DISCREPANCIES IN THE DOCUMENTS PRIOR TO FINAL BID SUBMISSION.
3. PRE-CONSTRUCTION:
   IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL REVISED DOCUMENTS TO INCLUDE ARCHITECTURAL PLANS AND WORK UNDER OTHER DIVISIONS THAT CAN AFFECT THE WORK OF THIS DIVISION. THIS INCLUDES REVIEW OF ALL ADDENDUMS, REVISIONS AND SHOP DRAWINGS THAT AFFECT THE WORK OF THIS DIVISION. THE CONTRACTOR SHALL NOTIFY THE A/E TEAM OF ANY DISCREPANCIES PRIOR TO FINAL ROUGH-IN.

SPECIAL CONDITIONS

A. DEMOLITION COORDINATION:

1. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
2. REFER TO ARCHITECTURAL PLANS AND/OR SUPPLEMENTAL DOCUMENTS FOR CONSTRUCTION PHASE SEQUENCE REQUIREMENTS FOR OCCUPIED SPACES AFFECTED BY THE WORK.
3. NOTIFY THE LANDLORD OF ANY WORK THAT MAY DISRUPT OTHER AREAS OUTSIDE OF THE WORK AREA.

B. WORK IN EXISTING CEILINGS:

1. REFER TO ARCHITECTURAL CEILING PLAN AND RELATED DETAILS FOR CEILING CONDITIONS, ADDITIONAL REQUIREMENTS, AND SYSTEM INSTALLATION COORDINATION. REFER TO ARCHITECTURAL PLANS FOR AREAS TO BE DEMOLISHED AND PROVIDED WITH NEW CEILING FINISHES. ALL OTHER AREAS ARE EXISTING CEILINGS TO REMAIN.
2. WHERE EXISTING CEILING ARE DISTURBED BY THE NEW WORK, THE EXISTING CEILING GRID AND TILES SHALL BE RE-USED AND PROTECTED DURING CONSTRUCTION AND REINSTALLED IN KIND. SECTIONS OF THE CEILING SYSTEM SHALL BE TEMPORARILY REMOVED AND REPLACED IN KIND, WHERE NEEDED, TO ACCOMMODATE THE WORK. DAMAGED CEILING SYSTEMS SHALL BE REPLACED WITH NEW SYSTEMS AS NEEDED.
3. EXISTING DISTURBED DRYWALL CEILINGS SHALL BE PATCHED, REPAIRED, AND FINISHED TO MATCH EXISTING CONDITIONS.
4. COORDINATE SCOPE OF WORK IN EXISTING CEILINGS WITH GENERAL CONTRACTOR AT TIME OF BIDS AND PRIOR TO START OF WORK.

C. WIRING REQUIREMENTS:

1. WIRING METHOD SHALL BE AS REQUIRED PER CODE FOR BUILDING CONSTRUCTION TYPE AND EACH SPACE FUNCTION.
2. PROVIDE QUANTITY OF CONDUCTORS REQUIRED TO INCLUDE EQUIPMENT GROUNDING PER CODE. WIRING SHOWN ON PLAN FOR POWER AND SWITCH CONTROL CLARITY ONLY.
3. PROVIDE DEDICATED NEUTRAL CONDUCTOR FOR ALL RECEPTACLE AND LIGHTING CIRCUITS. NEUTRALS CAN BE SHARED FOR 20 AMP CIRCUITS ONLY IF OVERSIZED.
4. CONDUCTOR AWG SIZE SHALL BE AS REQUIRED BY CODE AND ADJUSTED FOR VOLTAGE DROP.

D. OCCUPANCY SENSORS:

1. ALL COMMON/PUBLIC SPACES SHALL HAVE COMPLETE OCCUPANCY SENSOR SYSTEMS FOR CONTROL OF EACH ROOM/ SPACE INDEPENDENTLY.
2. CONTRACTOR SHALL PROVIDE COMPLETE SHOP DRAWINGS OF PROPOSED COMPONENTS AND FACTORY DRAWINGS OF SPECIFIC SYSTEM APPLICATIONS FOR EACH ROOM/ SPACE. SYSTEMS SHALL BE WATT STOPPER OR APPROVED EQUIVALENT.

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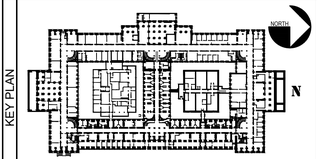

REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

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CONTRACTORS

A/E CON. NO.	
A/E TASK NO.	TRES-2025-012
PRIME A/E	MERIDIEN GROUP / CITADEL DCA
SUB A/E	MEP: SRBR Engineers Inc.

BUILDING

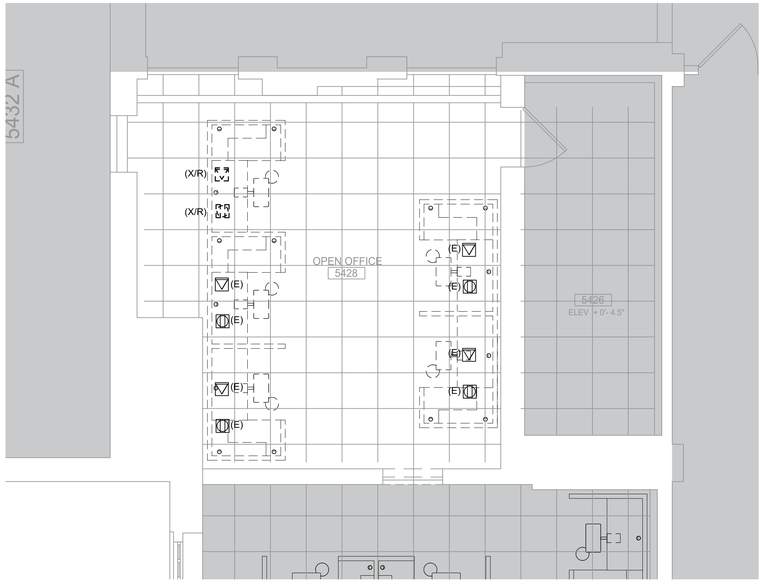
NAME	
STREET	
CITY/ST./ZIP	WASHINGTON, DC
BUILDING NO.	DC-
OTHER BUILDING NOs.	
FACILITY CODE	

PROJECT

PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
PROJECT DESCRIPTION	WEST WING
PROJECT NO.	0025-25
GSA PM	BARBARA CHOATE
SUBMISSION	100% SUBMISSION
SUB. DATE	23 JANUARY 2026

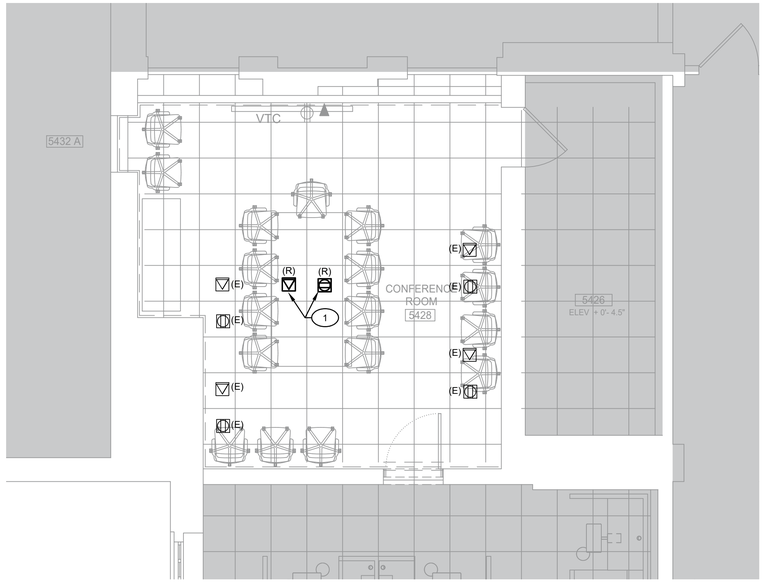
DRAWING

DRAWING TITLE	COVER SHEET ELECTRICAL
FILE NAME	
FLOOR NO.	5TH FLOOR
DRAWN BY	PTL DATE DRAFTED: 01/14/2026
CHECKED BY	KM SHEET SIZE: 24 x 36
DRAWING NO.	E001
	DISCIPLINE SHEET TYPE SEQUENCE
	SHEET OF



FLOOR PANEL PLAN - ELECTRICAL DEMOLITION

SCALE: 1/4" = 1'-0" 0 1' 2' 4' 8'



FLOOR PANEL PLAN - ELECTRICAL - NEW WORK

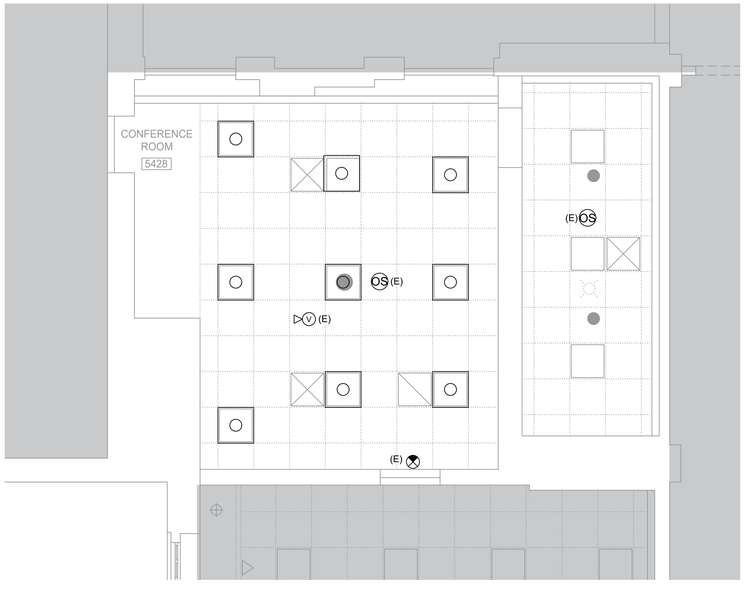
SCALE: 1/4" = 1'-0" 0 1' 2' 4' 8'

GENERAL NOTES

1. EXISTING AREA TO REMAIN AS SECURE SPACE. MAINTAIN ALL EXISTING ELECTRICAL, TELECOM & SECURITY SYSTEMS.
2. MAINTAIN EXISTING LIGHTING & LIGHTING CONTROL SYSTEMS UNO.
3. POWER, TELECOM & LIGHTING FIXTURES ARE EXISTING TO REMAIN UNO.

PLAN NOTES

(1) RELOCATE EXISTING FLUSH RAISED FLOOR BOXES. EXTEND EXISTING WIRING.



CEILING PLAN - ELECTRICAL DEMOLITION

SCALE: 1/4" = 1'-0" 0 1' 2' 4' 8'

NOTES:
1. MAINTAIN EXISTING LIGHTING CONTROLS.

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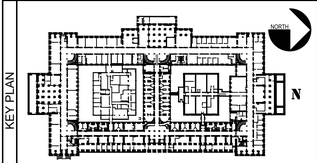

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BUILDING	NAME	
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	CITY/ST./ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
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	PROJECT DESCRIPTION	WEST WING
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	23 JANUARY 2026
DRAWING	DRAWING TITLE	FLOOR PLANS POWER & LIGHTING
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	PTL DATE DRAFTED: 01/14/2026
	CHECKED BY	KM SHEET SIZE: 24 x 36
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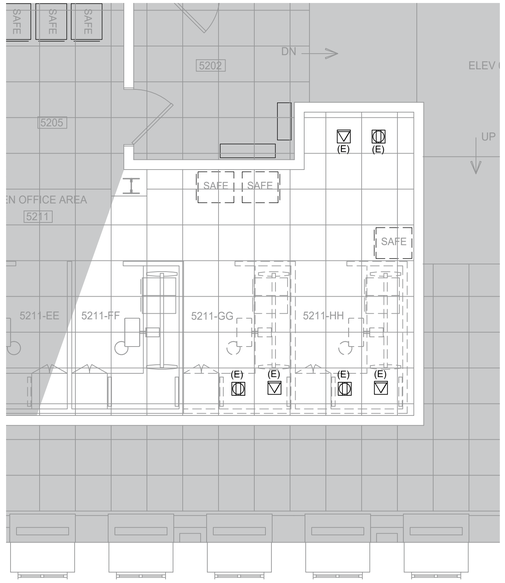
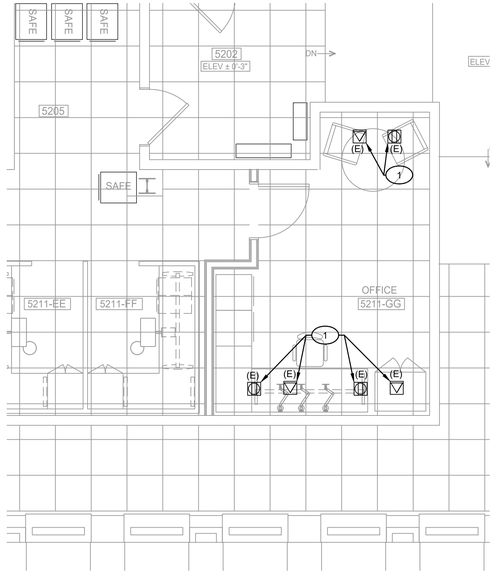
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET OF



FLOOR PANEL PLAN - ELECTRICAL DEMOLITION

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

0 1' 2' 4' 8'



FLOOR PANEL PLAN - ELECTRICAL NEW WORK

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

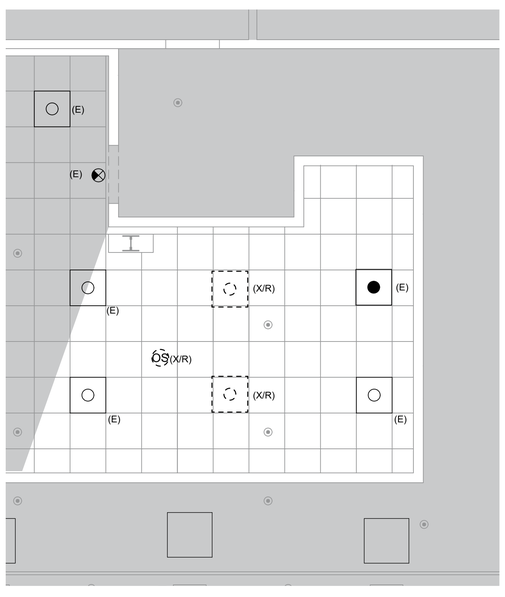
0 1' 2' 4' 8'

GENERAL NOTES

1. EXISTING AREA TO REMAIN AS SECURE SPACE. MAINTAIN ALL EXISTING ELECTRICAL, TELECOM & SECURITY SYSTEMS.
2. MAINTAIN EXISTING LIGHTING & LIGHTING CONTROL SYSTEMS UNO.
3. POWER, TELECOM & LIGHTING FIXTURES ARE EXISTING TO REMAIN UNO.

PLAN NOTES

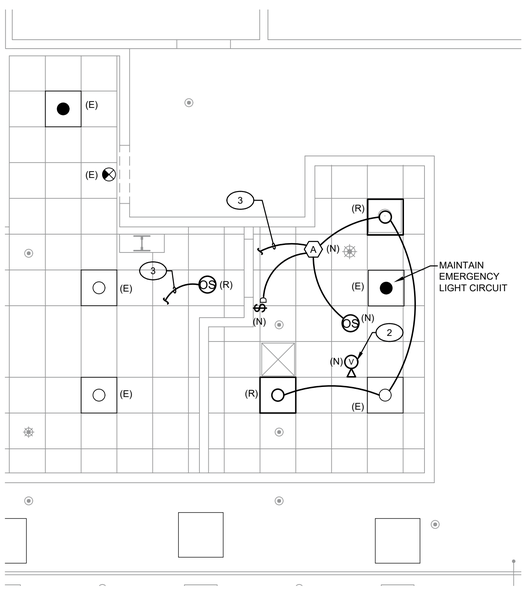
1. ADJUST FLOOR BOXES & WIRING TO COORDINATE W/NEW WALL CONSTRUCTION.
2. NEW FIRE ALARM AUDIBLE/VISUAL DEVICE COMPATIBLE WITH EXISTING SYSTEM.
3. RECONNECT EXISTING LIGHTING CIRCUITS.



CEILING PLAN -ELECTRICAL DEMOLITION

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

0 1' 2' 4' 8'



CEILING PLAN - ELECTRICAL NEW WORK

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

0 1' 2' 4' 8'

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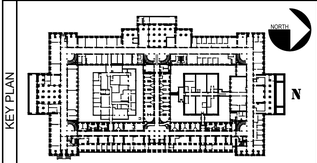
Phone: 410/869-7282 Web: www.SRBRengineers.com

CERTIFICATIONS

KEY PLAN



REVISION NOTES

MARK	DATE	DESCRIPTION

GRAPHIC SCALE

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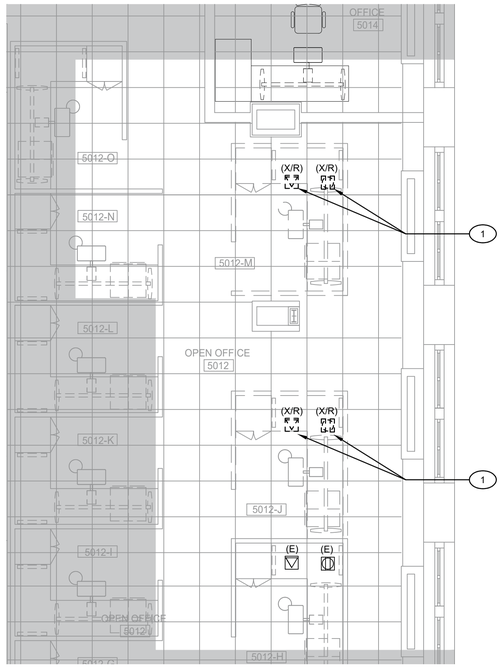
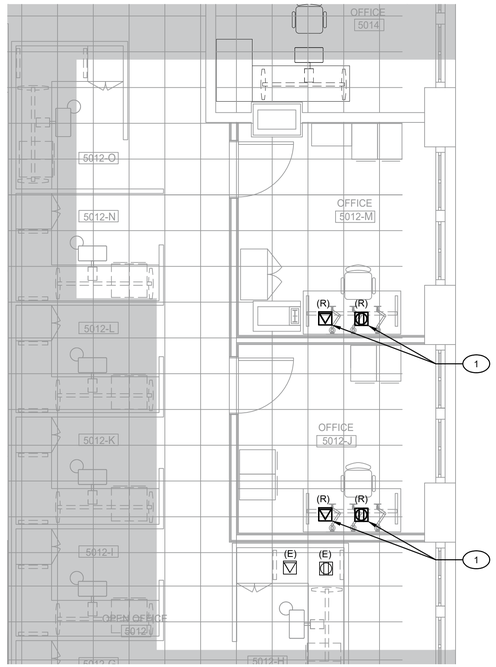
CONTRACTORS	A/E CON. NO.	
	A/E TASK NO.	TRES-2025-012
	PRIME A/E	MERIDIEN GROUP / CITADEL DCA
	SUB A/E	MEP: SRBR Engineers Inc.
BUILDING	NAME	
	STREET	
	CITY/ST./ZIP	WASHINGTON, DC
	BUILDING NO.	DC-
	OTHER BUILDING NOs.	
	FACILITY CODE	
PROJECT	PROJECT TITLE	FEDERAL OFFICE BUILDING 5TH FLOOR ALTERATIONS
	PROJECT DESCRIPTION	WEST WING
	PROJECT NO.	0025-25
	GSA PM	BARBARA CHOATE
	SUBMISSION	100% SUBMISSION
	SUB. DATE	23 JANUARY 2026
DRAWING	DRAWING TITLE	FLOOR PLANS POWER & LIGHTING
	FILE NAME	
	FLOOR NO.	5TH FLOOR
	DRAWN BY	PTL DATE DRAFTED: 01/14/2026
	CHECKED BY	KM SHEET SIZE: 24 x 36
	DRAWING NO.	E102
		DISCIPLINE SHEET TYPE SEQUENCE
		SHEET OF



FLOOR PANEL PLAN - ELECTRICAL - DEMOLITION

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

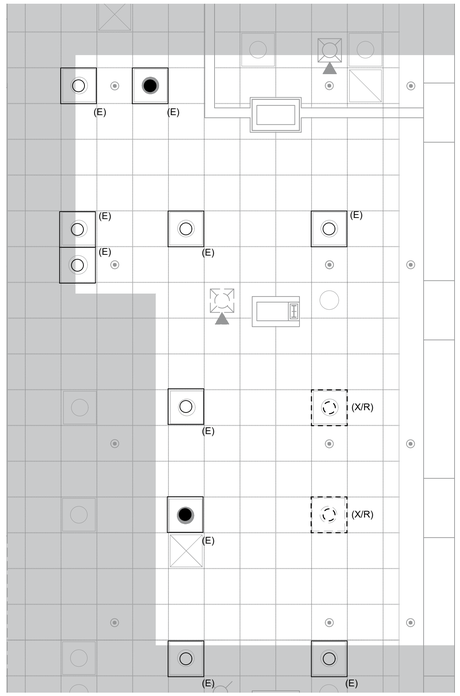
0 1' 2' 4' 8'



FLOOR PANEL PLAN - ELECTRICAL - NEW WORK

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

0 1' 2' 4' 8'



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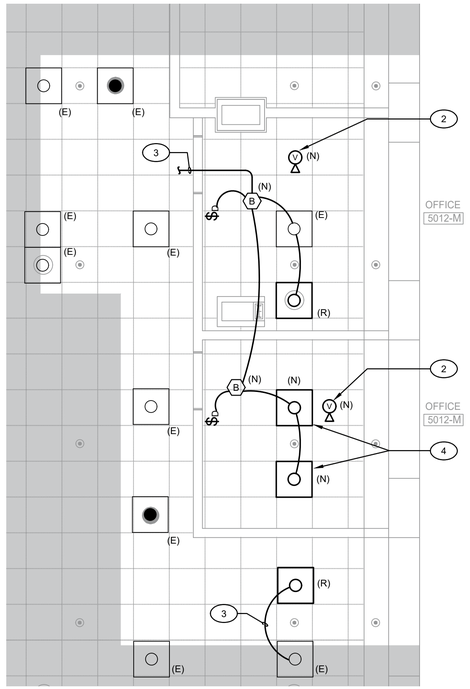

CEILING PLAN - ELECTRICAL - NEW WORK

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

0 1' 2' 4' 8'

GENERAL NOTES

1. EXISTING AREA TO REMAIN AS SECURE SPACE. MAINTAIN ALL EXISTING ELECTRICAL, TELECOM & SECURITY SYSTEMS.
2. MAINTAIN EXISTING LIGHTING & LIGHTING CONTROL SYSTEMS UNO.
3. POWER, TELECOM & LIGHTING FIXTURES ARE EXISTING TO REMAIN UNO.

PLAN NOTES

1. ADJUST FLOOR BOXES & WIRING TO COORDINATE W/NEW WALL CONSTRUCTION. EXTEND WIRING.
2. NEW FIRE ALARM AUDIBLE/VISUAL DEVICE COMPATIBLE WITH EXISTING SYSTEM.
3. RECONNECT EXISTING LTG CIRCUIT.
4. NEW 2x2 LED FIXTURES TO MATCH BUILDING STANDARD.

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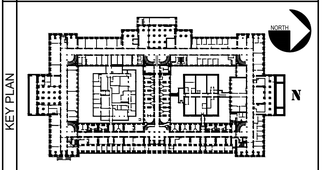

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SUB A/E	MEP: SRBR Engineers Inc.

BUILDING

NAME	
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CITY/ST./ZIP	WASHINGTON, DC
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PROJECT

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PROJECT DESCRIPTION	WEST WING
PROJECT NO.	0025-25
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SUB. DATE	23 JANUARY 2026

DRAWING

DRAWING TITLE	FLOOR PLANS POWER & LIGHTING
FILE NAME	
FLOOR NO.	5TH FLOOR
DRAWN BY	PTL DATE DRAFTED: 01/14/2026
CHECKED BY	KM SHEET SIZE: 24 x 36
DRAWING NO.	E103
	DISCIPLINE SHEET TYPE SEQUENCE
	SHEET OF

LIGHTING CONTROL SCHEDULE

MARK	APPLICATION	LOCAL CONTROL	OCCUPANCY SENSOR	NOTES	COMMENTS
A	TYPICAL ROOM/ SPACE	MANUAL ON/ OFF	DT (PIR/ US)	1 THRU 4	SYSTEM TO BE WATTSTOPPER OR APPROVED EQUIVALENT (NOTE 1)
B	TYPICAL ROOM/ SPACE WITH DAYLIT ZONE	MANUAL ON/ OFF	DT W/ PHOTO-SENSOR	1 THRU 5	SYSTEM TO BE WATTSTOPPER OR APPROVED EQUIVALENT (NOTE 1)
C	CORRIDOR	AUTO ON/ OFF	PIR BI-DIRECTIONAL	1, 5, 6 & 7	SYSTEM TO BE WATTSTOPPER OR APPROVED EQUIVALENT (NOTE 1)

GENERAL REQUIREMENTS AND SEQUENCE OF OPERATION NOTES:

1. LIGHTING WIRING SHOWN ON CONTRACT DRAWINGS ARE DIAGRAMMATIC FOR ESTABLISHING THE CONTROL ZONE TYPE ONLY. ALL CONTROL SYSTEMS SHALL BE COMPLETE TO INCLUDE ALL REQUIRED DEVICES, RELAYS AND CONTROL WIRING FOR A FULLY FUNCTIONING SYSTEM. ALL DEVICES AND COMPONENTS SHALL BE LOCATED IN ACCESSIBLE VENTILATED SPACES. PROVIDE FACTORY DRAWINGS OF THE SPECIFIC PROJECT LIGHTING PLANS TO INCLUDE ALL PROPOSED DEVICES, DETECTORS AND CONTROL WIRING FOR EACH SPACE. SUBMIT FACTORY LIGHTING CONTROL DRAWINGS FOR REVIEW & INCLUDE DATA SHEETS FOR EACH DEVICE TYPE TO INCLUDE DETECTION PATTERNS. OCCUPANCY CONTROL SYSTEMS SHALL BE WATTSTOPPER OR APPROVED EQUIVALENT.
2. ALL INTERIOR COMMERCIAL SPACES SHALL BE PROVIDED WITH LOCAL OCCUPANCY SENSOR CONTROLS IN ACCORDANCE WITH THE LATEST IECC AND LOCAL JURISDICTIONAL REQUIREMENTS. SYSTEM SHALL CONSIST OF TYPE AND QUANTITY OF SENSORS AS REQUIRED BY THE MANUFACTURER FOR THE RANGE OF COVERAGE REQUIRED FOR THE SPECIFIC SPACE CONFIGURATION AND TO PREVENT FALSE TRIPPING. SYSTEM SHALL BE MANUAL ON WITH AUTOMATIC OFF WITHIN 20 MINUTES OF THE LAST MOTION DETECTION. ROOMS WITH MULTIPLE SWITCH CONTROL ZONES SHALL HAVE COMMON OCCUPANCY SENSOR CONTROLS. (ALL SWITCHES PROVIDED MUST BE BACKLIT FOR VISIBILITY IN DARKENED ROOMS). OCCUPANCY SNESORS MAY BE INTEGRAL TO THE FIXTURE OR SPEPARATE SENSOR DEVICE.
3. ALL INTERIOR SPACES SHALL HAVE LOCAL MANUAL ON/ MANUAL OFF CONTROLS. SWITCHES IN OCCUPANCY SENSOR CONTROLLED SPACES SHALL BE LOW VOLTAGE TYPE AND COMPATABLE WITH THE OCCUPANCY SENSOR CONTROL SYSTEM. WHEN THE MANUAL SWITCH IS IN THE OFF POSITION THE OCCUPANCY SENSOR SHALL BE BYPASSED TO MAINTIAN LIGHTS OFF UNTIL MANUALLY TURNED ON. WHEN THE MANUAL SWITCH IS IN THE ON POSITION THE OCCUPANCY SENSOR SHALL ACTIVATE FOR MOTION DETECTION TO TURN LIGHTS ON IMMEDIATELY. THE LIGHTS SHALL TURN OFF AUTOMATICALLY WITHIN 20 MINUTES OF LAST MOTION DETECTION AND REMAIN OFF UNTIL MANUALLY TURNED ON TO REPEAT THE SEQUENCE (SEE NOTE 6 & 7 FOR EXCEPTIONS TO MANUAL CONTROLS). SPACES LESS THAN 150 SQUARE FEET MAY UTILIZE INTEGRAL WALL SWITCHES FOR MANUAL ON/ OFF, OCCUPANCY SENSOR AND DAYLIGHT CONTROLS (EXCEPT MEDICAL OFFCIES TO HAVE REMOTE CEILING SENSOR AND WALL SWITCH IN ALL CASES).
4. INTERIOR SPACES INDICTED WITH DIMMING SWITCHES SHALL BE PROVIDED WITH LOW VOLTAGE DIMMING SWITCHES COMPATIBLE WITH THE OCCUPANCY SENSOR SYSTEM. PROVIDE ALL NECESSARY CONTROL WIRING FROM CONTROLLER TO EACH FIXTURE FOR 0-10 VOLT FULL RANGE DIMMING. CONFERENCE, MEETING ROOMS, CLASSROOMS AND SPACES WHERE INDICATED SHALL INCLUDE FULL RANGE MANUAL DIMMING CONTROL.
5. INTERIOR SPACES IN DAYLIGHT ZONES WITHIN 15 FOOT OF EXTERIOR GLAZING OR SKYLIGHT SHALL BE PROVIDED WITH PHOTOSENSOR CONTROLS WITH ADJUSTABLE SENSITIVITY. THE SYSTEM SHALL BE HOLD-OFF TYPE UNLESS REQUIRED OTHERWISE BY THE LOCAL JURISDICTION. SPACES LESS THAN 300SF IN DAYLIT ZONES MAY BE INTEGRAL TO THE WALL SWITCH TO INCLUDE OCCUPANCY SENSOR AND DIMMING (WHERE INDICATED).
6. CORRIDORS AND GANG RESTROOMS DO NOT REQUIRE LOCAL ON/OFF CONTROLS AND WILL BE AUTO ON/ OFF CONTROLLED IN COMBINATION WITH NIGHTLIGHTS UNO.
7. NIGHTLIGHTS AND EMERGENCY BATTERY LIGHTS SHALL BE CONNECTED AHEAD OF LOCAL CONTROLS AND AUTOMATIC CONTROLS FOR 24/7 OPERATION EXCEPT AS OTHERWISE INDICATED ON THE PLANS.

ABBREVIATIONS:

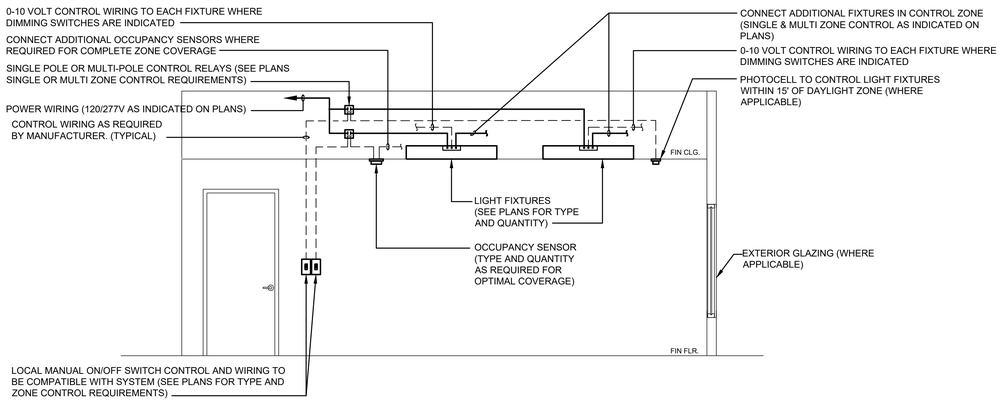
DS - DIMMER SWITCH FOR MANUAL ON/ OFF CONTROL AND FULL RANGE 0-10 VOLT DIMMING (SEE SYMBOL LIST FOR TYPE)
DT - DUAL TECHNOLOGY (PIR/ US)
PIR - PASSIVE INFRARED MOTION DETECTION
PC - PHOTSENSOR CONTROL
US - ULTRASOUND MOTION DETECTION
TC - TIME CLOCK
WP - WEATHERPROOF WS
WS - WALL SWITCH FOR MANUAL LOCAL ON/OFF CONTROL (SEE SYMBOL LIST FOR TYE)
UNO - UNLESS NOTED OTHERWISE

SYMBOL LEGEND

CONTROL SYSTEM TYPE (SEE SCHEDULE)

SUBSCRIPT # INDICATES CIRCUITS TO BE CONNECTED TO ALL FIXTURES IN ZONE

LETTER INDICATES MANUAL SWITCH CONTROL ZONE



TYPICAL LIGHTING CONTROL DIAGRAM

NO SCALE

GENERAL NOTES:

1. SEE PLANS FOR ROOM ZONE CONTROL, LOCAL SWITCH TYPE, AND OCCUPANCY CONTROL TYPE. SEE LIGHTING CONTROL SCHEDULE FOR CONTROL TYPE REQUIREMENTS.
2. ROOMS 150 SQUARE FEET OR LESS MAY USE INTEGRAL WALL SWITCHES FOR MANUAL ON/MANUAL OFF, OCCUPANCY SENSOR AND DAYLIGHT CONTROLS (WHERE APPLICABLE).
3. ALL CEILING MOUNTED DEVICES TO HAVE 5' SLACK CABLE.
4. SENSORS SHALL BE LOCATED FOR OPTIMAL PERFORMANCE & MINIMUM OF 6" CLEAR OF SUPPLY AIR DIFFUSERS.

TESTING REQUIREMENTS:

1. PRIOR TO FINAL INSPECTION THE SYSTEM SHALL BE TESTED AND SENSITIVITY ADJUSTED FOR EACH SPACE/SYSTEM.
2. PROVIDE DOCUMENTATION OF SYSTEM TESTING OF OCCUPANCY SENSORS, TIME SWITCH CONTROLS, PHOTO SENSORS AND DAYLIGHT SENSORS. PROVIDE CERTIFICATION DOCUMENTS TO THE OWNER AND INSPECTION AGENCY WITHIN 90 DAYS OF CERTIFICATE OF OCCUPANCY.

ELECTRICAL SPECIFICATIONS

SECTION 16A - ELECTRICAL WORK

1. GENERAL:

A. The GENERAL and SPECIAL CONDITIONS listed under Division 1 shall govern this work where applicable.

B. The contractor shall furnish all labor, materials, equipment and services necessary for the construction of the complete functioning electrical system.

C. All labor and materials, although not specifically mentioned, but necessary for the completion of the work and the successful operation of the electrical systems, shall be as if specifically indicated.

D. Materials and equipment installed as part of the permanent installation shall be new unless otherwise indicated or specified, and shall be approved by the Underwriter's Laboratories, Inc., for installation in each particular case where standard's have been established.

E. All wiring shall be concealed in wall or above ceilings wherever possible. Exposed locations shall be pre-approved the architect prior to rough-in. Exposed wiring at finished areas shall be installed in conduit or surface metal raceway per architects approval. Exposed surfaces shall be primed and finish painted as directed.

2. SCOPE:

A. The Contractor shall provide all labor and materials required to install a completed system of electrical work as indicated on the drawings and/or herein specified. Work includes but is not limited to the following:

1. Service equipment
2. Power and lighting feeders, panelboard, safety switches.
3. Receptacles and equipment connections
4. Lighting system complete with lamps
5. Final connections of mechanical equipment, electrical motors.
6. Coordination with electric & telephone utility companies.

3. REGULATIONS AND CODE REQUIREMENTS:

A. All work shall conform to the requirements of the latest editions of the following codes, regulations and specifications.

1. National Electrical Code (NFPA 70)
2. National Fire Protection Association (NFPA)
3. Underwriters Laboratories, Inc.
4. Building Code
5. Local and state requirements

4. SHOP DRAWINGS:

A. The Contractor shall submit shop drawings (electronically) and manufacturer's catalog cuts showing all details of all equipment to be furnished.

5. GUARANTEE:

A. In addition to the guarantee obligations herein before specified in other divisions, the Contractor shall guarantee the complete electrical system installation free from all mechanical and electrical defects for the period of one year from date of final acceptance by the Owner.

6. DRAWINGS AND SPECIFICATIONS:

A. The drawings are intended to show the general arrangement of the outlets and equipment. Door swings shall checked for arrangement of switches which shall be, installed on the latch side. Contractor shall check structural plans, mechanical plans and specifications so that he may coordinate his work with these trades.

B. All outlets shall be located uniformly with respect to beams, partitions, ducts, openings, etc., and the general locations shall be checked with the Architect before installing. Should there be any interference between the electrical outlets and other trades, the contractor shall notify the Architect so that the proper location may be decided upon. No outlets shall be installed in back of ducts, grilles, or inaccessible places.

7. GROUNDING:

A. Grounding of all conduit, panelboards, boxes, cabinets and equipment shall conform to the requirements of the latest edition of the National Electric Code.

B. All branch circuits shall include a bonded raceway and conductor. Equipment ground per NFPA 70, article 250 in addition to tick marks indicated on wiring.

8. DISTRIBUTION EQUIPMENT:

A. New panelboards shall be equivalent to square 'D' NQOD Panels with bolt-on circuit breakers. All panels shall be labeled and provided with type written circuit directory.

B. Fuses for main service shall be class RK1 current limiting type. Fuse protecting motors shall be dual element time delay type (LPN-RK orLPS-RK) as recommended by the supplier.

C. Electric transformers must meet efficiency requirements of Table C405.7- 8.4.4 IECC 2015.

D. Electric motors must meet the efficiency requirements of tables C405.8(1)-(4).

9. EQUIPMENT CONNECTIONS AND MOTOR STARTERS:

A. All power wiring shall be installed and connected under this section, unless already provided by on the equipment.

10. CONDUCTORS:

A. All secondary conductors shall be copper, 98% conductivity covered with 600 volt standard type THW or THHN Insulation. AWG size shall be per NFPA 70 or larger where indicated on the plans.

B. All wiring shall be in strict accordance with the latest edition of the National Electrical Code.

C. All wire number 8 and larger shall be stranded.

D. A color coding system shall be used throughout the building network of feeders and circuits and used as a basis of balancing the load within 10%.

E. Neutral conductors for isolated ground circuits shall be dedicated or sized 1.73 times larger for shared neutral circuits.

F. Upon completion of branch circuit wiring, the Contractor shall check and adjust circuit breaker arrangements to assure system load balance is within +10% or -10% across all three phases.

11. WIRING METHODS:

A. Branch circuit and feeders rated shall be conductors ran in conduit.

B. Conduit and wire sizes shall be per NFPA 70 or larger as indicated on the plans.

12. OUTLET BOXES:

A. Outlet boxes in concealed locations shall be galvanized stamped steel of sizes required by the NEC.

B. Boxes in exposed locations shall be cast, with gasketed cover.

C. Provide covers for all boxes.

13. PULL-BOXES AND JUNCTION BOXES:

A. Pull-boxes shall be provided as shown or wherever required to facilitate pulling of wires and cables, or as junction points. All such boxes shall be installed in accessible locations.

14. WIRING DEVICES:

A. Receptacles & switches to be furnished as follows:
   a. Duplex receptacles: Leviton #5362 (NEMA 5-20R)
   b. GFI receptacles: Leviton #6898 (NEMA 5-20R)
   c. Toggle Switches: Leviton #1221 Series
   d. Wall Plates: 0.032" thick type 302 stainless steel, non-magnetic. Face plate finish shall be as selected by Architect

B. 20 AMP rated receptacles shall be used for all dedicated 20 AMP circuit connections per NFPA 70 requirements.

C. Devices exposed to weather to be NEMA 3R rated and listed wet locations.

15. LIGHTING FIXTURES:

A. The Contractor shall provide all labor and materials, equipment and services necessary for and incidental to the installation of all lighting fixtures.

B. Provide a fixture for each outlet shown on the drawings. Fixtures shall be complete with lamps, lenses, glassware, mounting brackets, etc., for a complete assembly. All fixtures shall be UL listed.

C. All new fixtures to be LED..

SECTION 16B - DEMOLITION WORK

1. SCOPE:

A. Material and equipment made superfluous by reason of the new work shall become the property of the contractor and shall be removed from the site unless the equipment is specifically indicated to be retained by the Owner, in which case the contractor shall disconnect & remove the equipment and return to the Owner.

B. The contractor shall furnish all labor, material and equipment necessary to complete the demolition work.

C. The work shall include removal and relocation of existing equipment as shown on the drawings.

2. SITE VISIT:

A. Prior to preparing the bid, the contractors shall visit the site and familiarize themselves with all existing conditions. Make all necessary investigations as to locations of utilities and all other matters which can affect the work. No additional compensation will be made to the contractor as a result of failure to get familiar with the existing conditions under which the work must be performed.

3. OUTAGES:

A. All electrical/telephone service work which will interfere with the normal use of occupied areas in any manner, shall be done at such times as shall be mutually agreed upon by the Contractor and the Owner.

B. Unless otherwise specified, outages any services, required for the performance of this contract and affecting areas other than the immediate work area shall be scheduled at least ten (10) days in advance. All such outages shall be performed on other than normal duty hours.

C. The Contractor shall include in his price the cost of all premium time required for outages and other work which interferes with the normal use of other building. Which will be performed, in most cases, during other than normal work time and at the convenience of the Owner.

4. CUTTING AND PATCHING:

A. Cutting and patching associated with the work in the existing structure shall be performed in a neat and workmanlike manner. Existing surfaces, which are damaged by the Contractor shall be repaired or replaced with new materials.

B. Structural members shall not be cut or penetrated. Holes cut through concrete and/or masonry to accommodate non-percussive methods.

C. Patching of areas, disturbed by installation of new work and/or required demolition, shall match existing adjacent surface as to material texture and color.

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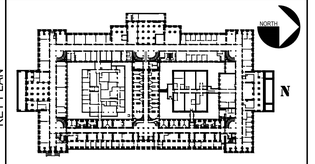

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