

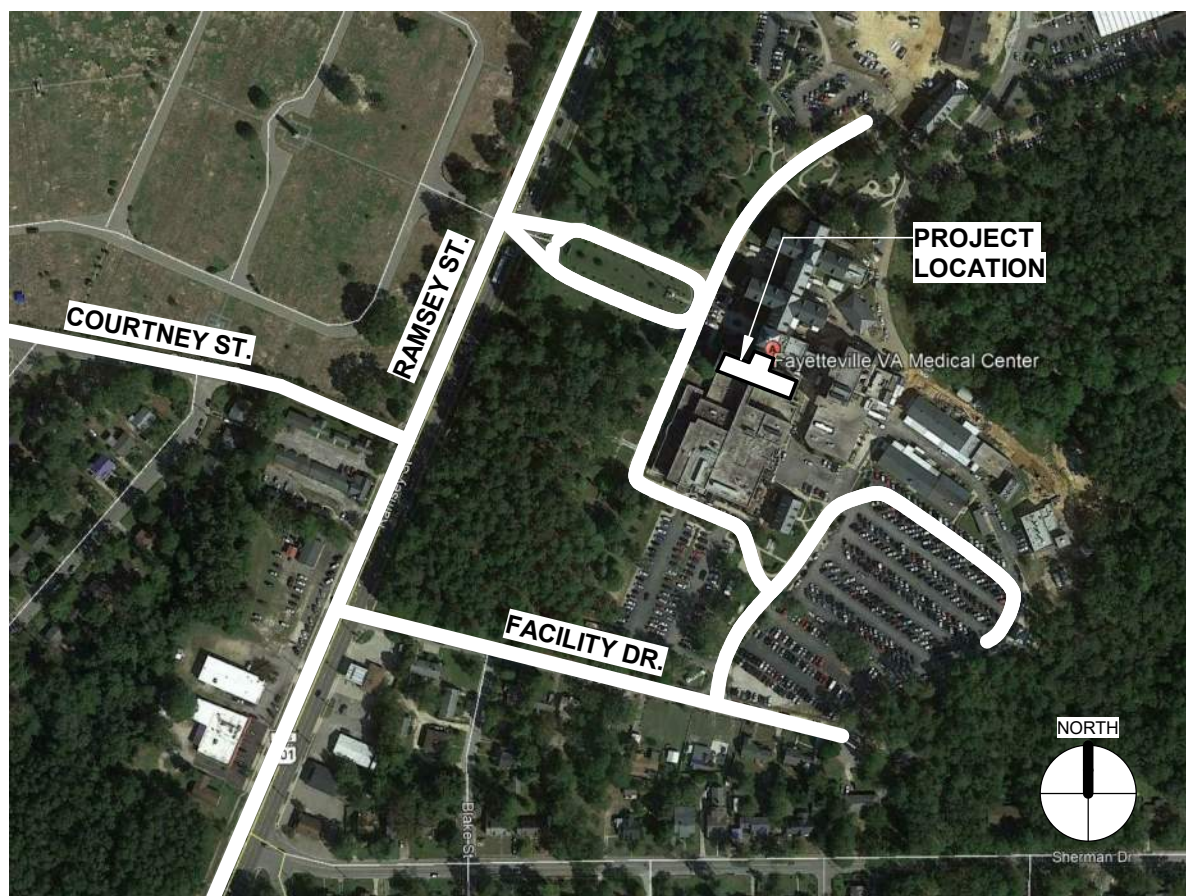


DEPARTMENT OF VETERANS AFFAIRS

RENOVATE 1C SURGICAL SUITE

2300 RAMSEY ST,
FAYETTEVILLE,
NC 28301

VA PROJECT NUMBER: 565-19-101
NAE PROJECT NUMBER: 19022



OWNER: Fayetteville NC VAMC

CONTACT: Zachary Swavely, COR
2300 Ramsey St
Fayetteville, NC 28301

OWNER INFORMATION

PROJECT LOCATION MAP

ARCHITECTURAL ABBREVIATIONS

A/C	AIR CONDITIONING	CYD	CUBIC YARD	FUT	FUTURE	LVR	LOUVER	PTN	PARTITION	STL	STEEL
AB	ANCHOR BOLT	D	DRAIN	G	GAUGE	LW	LIGHTWEIGHT	PTR	PAPER TOWEL RECEPTACLE	STOR	STORAGE
ABV	ABOVE	DA	DOUBLE ACTING	GA	GALVANIZED	M	MASONRY OPENING	PWD	PLYWOOD	SUS	SUSPENDED
AC	ACCUSTICAL	DEG	DEGREE	GB	GRAB BAR	M.R.	MOISTURE RESISTANT	QRT	QUARRY TILE	SUSP	SUSPENSION
ACC	ACCESS	DEMO	DEMOLISH/ DEMOLITION	GC	GENERAL CONTRACT(OR)	MAS	MASONRY	QT	QUARTZ TILE	SYM	SYMMETRICAL/ SYMMETRY
ACT	ACCUSTICAL CEILING TILE	DEF	DEPRESSED	GCMU	GLAZED CONC. MASONRY UNITS	MAX	MAXIMUM	QTY	QUANTITY	SYN	SYNTHETIC
ADA	AMERICANS WITH DISABILITIES ACT	DEPT	DEPARTMENT	GEN	GENERAL	MBR	MEMBER	R	RETURN	SYS	SYSTEM
ADDL	ADDITIONAL	DF	DRINKING FOUNTAIN	GF	GROUND FACE	MC	MEDICINE CABINET	RA	RADIANT	T	TONGUE & GROOVE
ADH	ADHESIVE	DH	DOUBLE HUNG	GKT	GASKET(ED)	MECH	MECHANICAL	RAD	RADIUS	T&G	TONGUE & GROOVE
ADJ	ADJUSTABLE/ ADJACENT	DA	DIAMETER	GL	GLASS	MED	MEDIUM	RC	RESILIENT CHANNEL	TOP	TOP OF
AF(A.F.)	ABOVE FINISH FLOOR	DM	DIMENSION	GLU LAM	GLUE LAMINATED	MEMB	MEMBRANE	RCP	REFLECTED CEILING PLAN	TB	TOWEL BAR
AHJ	AUTHORITY HAVING JURISDICTION	DL	DEAD LOAD	GOVT	GOVERNMENT	MET	METAL	RD	ROOF DRAIN	TEL	TELEPHONE
ALT	ALTERNATE	DMT	DEMOUNTABLE	GP	GALVANIZED PIPE	MEZZ	MEZZANINE	RE	REINFORCED(W/ING)	TEMP	TEMPORARY
ANC	ANCHOR/ ANCHORAGE	DN	DOWN	GPL	GYP(SUM) LATH	MR	MANUFACTURER	REF	REFERENCE	THK	THICKNESS
ANOD	ANODIZED	DP	DAMP PROOFING	GPLL	GYP(SUM) PLASTER	MH	MANHOLE	REFR	REFRIGERATOR	THR	THRESHOLD
AP	ACCESS PANEL	DPR	DAMPER	GPT	GYP(SUM) TILE	MIN	MINUTE/ MINIMUM	REG	REGISTER	THRU	THROUGH
ARCH	ARCHITECT(URAL)	DR	DRY WALL	GRN	GRANITE	REIN	REINFORCED	TLT	TILE	TOL	TOLERANCE
ASB	ASBESTOS	DRW	DRY WALL	GS(S)	GALVANIZED STEEL (SHEET)	MSC	MISCELLANEOUS	REMO	REMOVE	TOT	TOTAL
AUTO	AUTOMATIC	DS	DOWNSPOUT	GST	GLAZED STRUCTURAL TILE	MLD	MOLDING	REQD	REQUIRED	TV	TELEVISION
B	BOTTOM OF	DT	DRAIN TILE	GROUT	GROUT	RESIL	RESILIENT	REV	REVISION	TR	TREAD
B(B/O)	BOTTOM OF	DTL	DETAIL	GWB	GYP(SUM) WALL BOARD	MOV	MOVABLE	RFG	ROOFING	TRM	TRANSOM
BO	BOARD	DW	DRAWING	GYP	GYP(SUM)	MTL	MOUNT(ED)ING	RFL	REFLECT(ED)IVE(OR)	TYP	TYPICAL
BET	BETWEEN	DWR	DRAWER	H	HOLE	MULL	MULLION	RH	RIGHT HAND	TZ	TERRAZZO
BITU	BITUMINOUS	E	EAST	HBD	HARDBOARD	N	NORTH	RM	ROOM	UC	UNDERCUT
BLDG	BUILDING	E	EAST	HCD	HANDICAPPED	N	NORTH	RO	ROUGH OPENING	UNFIN	UNFINISHED
BLKG	BLOCKING	E	EAST	HCT	HOLLOW CLAY TILE	N	NORTH	RS	RIGHT OF WAY	UNO(U.N.O)	UNLESS NOTED OTHERWISE
BM	BEAM	EA	EACH	HDR	HEADER	NIA	NOT APPLICABLE	RT	RETURN	UTIL	UTILITY
BO	BOTH	EF	EXHAUST FAN	HDWD	HARDWOOD	NAT	NATURAL	RWC	RAINWATER CONDUCTOR	V	VARNISH
BOT	BOTTOM	EIRS	EXTERIOR INSULATION & FINISH SYSTEM	HWR	HARDWARE	NIC	NOT IN CONTRACT	S	SOUTH	VAR	VEHICLE
BRG	BEARING	EJ	EXPANSION JOINT	HGT	HEIGHT	NOM	NOMINAL	SC	SOLID CORE	VEH	VEHICLE
BRK	BRICK	EL	ELEVATION	HJT	HEAD JOINT	N	NUMBER	SCHD	SCHEDULE	VERT	VERTICAL
BS	BOTH SIDES	ELC	ELECTRIC	HM	HOLLOW METAL	NTS	NOT TO SCALE	SCN	SCREEN	VF	VINYL FABRIC
BSMT	BASEMENT	ELEV	ELEVATOR	HORIZ	HORIZONTAL	NR	NOISE REDUCTION	SD	STORM DRAIN	VG	VERTICAL GRAIN
BUR	BUILT-UP ROOFING	EMER	EMERGENCY	HOUR	HOUR	OC	ON CENTER	SEC	SECTION	VIN	VINYL
BVHL	BEVELED	ENCL	ENCLOSURE	HTG	HEATING	OF	OUTSIDE DIAMETER	SF	SQUARE FEET	VJ	V-JOINT(ED)
BW	BOTH WAYS	EP	ELECTRICAL PANELBOARD	HTR	HEATER	OFCI	OWNER FURNISHED CONTRACTOR	SHR	SHEER	VNR	VENEER
C	CENTER TO CENTER	EQ	EQUAL	HVAC	HEAT, VENTILATION, & AIR CONDITIONING	OP	OPERABLE PART	SHT	SHEET	VNT	VINYL TILE
C-C	CABINET	EQU	EQUIPMENT	HWH	HOT WATER HEATER	OPNG	OPENING	SHV	SHELVES	W	WEST
CALC	CALCULATION	ESC	ESCALATOR	I	INSIDE DIAMETER	OPND	OPENING	SHW	SQUARE INCHES	W	WIDTH/ WIDE
CB	CATCH BASIN	ESMT	EASEMENT	ID	INSIDE DIAMETER	OPP	OPPOSITE	SI	SIMILAR	W	WITH
CEM	CEMENT	EST	ESTIMATE	INC	INCLUDING	OPND	OPENING	SL	SLEEVE	WO	WITHOUT
CFT	CATCH FOOT	EWG	ELECTRIC WATER COOLER	INSUL	INSULATED(ION)	OPND	OPENING	SLT	SLOTTED	WC	WATER CLOSET
CHAM	CHAMFER	EXIST	EXISTING	INT	INTERIOR	OVHD	OVERHEAD	SNT	SEALANT	WD	WOOD
CI	CAST IRON	EXP	EXPANSION	INV	INVERT	OWJ	OPEN WEB JOIST	SP	STANDPIPE	WDW	WINDOW
CIP	CAST-IN-PLACE CONCRETE	EXT	EXTERIOR	J	JANITOR'S CLOSET	PAR	PARALLEL	SP	SOUNDPROOF	WGS	WIRED GLASS
CIR	CIRCLE	F	FASTENER	JOINT	JT	PCF	POUNDS PER CUBIC FOOT	SPK	SPEAKER	WH	WALL HUNG
CIRC	CIRCUMFERENCE	FAS	FIBERBOARD	K	KITCHEN	PCF	POUNDS PER CUBIC FOOT	SPKLR	SPRINKLER	WHS	WHEEL STOP
CJ	CONTROL JOINT	FBO	FURNISHED BY OTHERS	KIT	KITCHEN	PERF	PERFORATED	SPL	SPECIAL	WM	WIRE MESH
CK	CAULK(ING)	FD	FLOOR DRAIN	KP	KICK PLATE	PERM	PERMANENT	SRF	SURFACE	WP	WATER PROOFING
CL	CENTER LINE	FE	FIRE EXTINGUISHER	LAB	LABORATORY	PERF	PERFORATED	SS	STAINLESS STEEL	WPT	WORKING POINT
CLG	CEILING	FF	FIRE EXTINGUISHER	LAD	LADDER	PFN	PREFINISHED	SSEW	SANITARY SEWER	WR	WATER REPLENT
CLS	CLEAR	FG	FIBERGLASS	LAV	LAVATORY	PG	PLATE GLASS	STA	STATION	WST	WAINSCOT
CLR	CLOSURE	FIN	FINISHED	LAV	LAVATORY	PKG	PARKING	STC	STATION TRANSMISSION CLAS	WT	WEIGHT
CMU	CONCRETE MASONRY UNIT	FLR	FLOOR	LB	LAG BOLT	PL	PLASTIC	PLAM	PLASTER	WWF	WELDED WIRE FABRIC
CO	CLEAN OUT	FN	FENCE	LBL	LABEL	PLF	POUNDS PER LINEAR FOOT	PLAS	PLASTER	WWW	WELDED WIRE MESH
COL	COLUMN	FOB	FACE OF BRICK	LH	LEFT HAND	PANL	PANEL	PLAS	PLASTER		
COMB	COMBINATION	FOC	FACE OF CONCRETE	LL	LINE L	PR	PAIR	PLF	POUNDS PER LINEAR FOOT		
CONC	CONCRETE	FOF	FACE OF FINISH	LMS	LIMESTONE	PRCST	PRECAST	PRF	PREFABRICATED		
CONST	CONSTRUCTION	FOM	FACE OF MASONRY	LPT	LIGHT POOF	PRFAB	PREFABRICATED	PRELIM	PRELIMINARY		
CONT	CONTINUOUS	FOS	FACE OF STUD	LPT	LIGHT POOF	PRF	PREFABRICATED	PRELIM	PRELIMINARY		
CONTR	CONTRACT	FT	FOOT	LTL	LINE L	PROJ	PROJECT	PROJ	PROPERTY		
COORD	COORDINATE	FS	FULL SIZE	FTG	FOOTING	PSC	PRESTRESSED CONCRETE	PSC	PRESTRESSED CONCRETE		
COR	CONTRACTING OFFICER'S REPRESENTATIVE	FT	FOOT	FUR	FURRED(ING)	PSF	POUNDS PER SQUARE FOOT	PSF	POUNDS PER SQUARE FOOT		
CORR	CORRIDOR	FTG	FOOTING	FURN	FURNITURE	PT	PAINT	PT	PAINT		
CPT	CARPET					PTC	POST-TENSIONED CONCRETE	PTC	POST-TENSIONED CONCRETE		
CRS	COURSE(S)										
CS	COUNTERSINK										
CSMT	CASEMENT										
CS	CAST STONE										
CT	CERAMIC TILE										

CONSULTANT

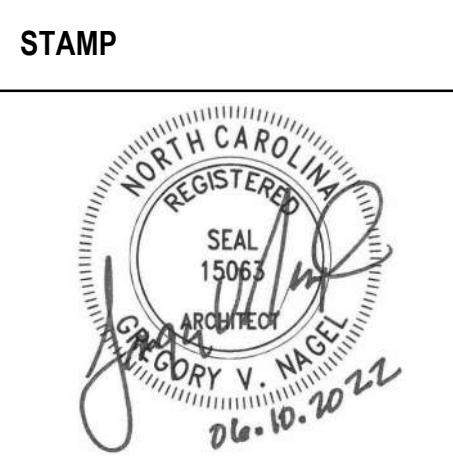
Consultant:

ARCHITECT/ENGINEER OF RECORD



13890 Bishops Drive
Suite 250
Brookfield, WI 53005

Nagel Architects + Engineers
project number: 19022



Drawing Title

COVER SHEET

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

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Drawn

TMO

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

G1001

SHEET INDEX

GENERAL

#	SHEET #	SHEET NAME
1	G1001	COVER SHEET
2	G1002	PHASING DIAGRAM & NOTES
3	G1001	PARTIAL FIRST FLOOR PLAN - 1C, OCCUPANCY & LIFE SAFETY
4	G1002	BUILDING CODE REVIEW

STRUCTURAL

#	SHEET #	SHEET NAME
5	S-001	GENERAL STRUCTURAL NOTES, ABBREVIATIONS, & SYMBOLS LEGEND
6	S-101	STRUCTURAL FRAMING PLAN-1C
7	S-501	DETAILS

ARCHITECTURAL

#	SHEET #	SHEET NAME
8	AD101	PARTIAL FIRST FLOOR PLAN - 1C, ARCH. DEMOLITION
9	AE101	PARTIAL FIRST FLOOR PLAN - 1C, ARCHITECTURAL
10	AE102	ENLARGED PARTIAL FIRST FLOOR PLAN - 1C EAST
11	AE103	ENLARGED PARTIAL FIRST FLOOR PLAN - 1C WEST
12	AE104	PARTIAL PLANS, SECTIONS, & ELEVATIONS - AHU ENCLOSURE
13	AE201	EXTERIOR ELEVATIONS
14	AE501	PARTITION TYPES AND DETAILS
15	AE502	AHU ENCLOSURE DETAILS
16	AE601	DOOR SCHEDULE, TYPES, AND DETAILS
17	AE701	TYPICAL DETAILS
18	AC101	PARTIAL FIRST FLOOR PLAN - 1C, REFLECTED CEILING
19	AI201	INTERIOR ELEVATIONS
20	AI202	INTERIOR ELEVATIONS
21	AI203	INTERIOR ELEVATIONS
22	AI204	INTERIOR ELEVATIONS
23	AF101	PARTIAL FIRST FLOOR PLAN - 1C, FINISH
24	AQ101	PARTIAL FIRST FLOOR PLAN - 1C, EQUIPMENT
25	AQ401	ENLARGED EQUIPMENT PLANS
26	AG601	EQUIPMENT SCHEDULE
27	AW101	PARTIAL FIRST FLOOR PLAN - 1C, WALL PROTECTION
28	AW102	PARTIAL FIRST FLOOR PLAN - 1C, WAYFINDING

FIRE PROTECTION

#	SHEET #	SHEET NAME
29	FD101	PARTIAL FIRST FLOOR PLAN-1C-FIRE PROTECTION DEMOLITION
30	FP101	PARTIAL FIRST FLOOR PLAN-1C-FIRE PROTECTION

PLUMBING

#	SHEET #	SHEET NAME
31	PL001	PLUMBING LEGEND, SCHEDULES, & DETAILS
32	PD101	PARTIAL FIRST FLOOR PLAN-1C- SANITARY WASTE DEMOLITION
33	PD102	PARTIAL FIRST FLOOR PLAN-1C- PLUMBING DEMOLITION
34	PP101	PARTIAL FIRST FLOOR PLAN-1C- SANITARY WASTE
35	PP102	PARTIAL FIRST FLOOR PLAN-1C-PLUMBING
36	PP201	DOMESTIC WATER RISER DIAGRAM
37	PW101	SANITARY WASTE AND VENT RISER DIAGRAM

MECHANICAL

#	SHEET #	SHEET NAME
38	ML100	MECHANICAL ABBREVIATIONS
39	MD100	PARTIAL FIRST FLOOR PLAN-1C-MECHANICAL DEMOLITION
40	MH100	PARTIAL FIRST FLOOR PLAN-1C-ZONING
41	MH101	ENLARGED PARTIAL FIRST FLOOR PLAN-1C EAST-AIR DIST.
42	MH102	ENLARGED PARTIAL FIRST FLOOR PLAN-1C WEST-AIR DIST.
43	MH103	MECHANICAL SECTIONS
44	MH104	MECHANICAL SECTIONS
45	MH105	MECHANICAL SECTIONS
46	MP101	PARTIAL FIRST FLOOR PLAN - 1C - HYDRONICS
47	MH300	MECHANICAL DETAILS
48	MH301	MECHANICAL DETAILS
49	MH302	MECHANICAL DETAILS
50	MH400	MECHANICAL CONTROLS
51	MH401	MECHANICAL CONTROLS
52	MS100	MECHANICAL SCHEDULES

ELECTRICAL

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53	ED100	PARTIAL FIRST FLOOR PLAN-1C-LIGHTING DEMOLITION
54	ED101	PARTIAL FIRST FLOOR PLAN-1C-POWER DEMOLITION
55	ED102	PARTIAL FIRST FLOOR PLAN - 1C - SYSTEMS DEMOLITION
56	EG100	ELECTRICAL SYMBOL LEGEND & GENERAL NOTES
57	EG200	LIGHT FIXTURE SCHEDULE AND ELECTRICAL DETAILS
58	EG300	POWER DISTRIBUTION RISER AND ELECTRICAL DETAILS
59	EG301	ELECTRICAL DETAILS
60	EL100	PARTIAL FIRST FLOOR PLAN-1C-LIGHTING
61	EP100	PARTIAL FIRST FLOOR PLAN-1C-POWER
62	ES100	PARTIAL FIRST FLOOR PLAN-1C-SYSTEMS
63	FA100	FIRE ALARM RISER DIAGRAM AND DETAILS

ARCHITECTURAL SYMBOL LEGEND

0	COLUMN REFERENCE SYMBOL
Name Elevation	ELEVATION REFERENCE SYMBOL
1 Ref A101	ELEVATION REFERENCE SYMBOL
1 Ref A101	SECTION REFERENCE SYMBOL
1 Ref A101	DETAIL REFERENCE SYMBOL
1 Ref A101	ENLARGED AREA REFERENCE SYMBOL
ROOM NAME 101	ROOM TAG
111A	DOOR TAG
12	WINDOW TAG
X###	EQUIPMENT TAG
1	REVISION TAG
1	BUILDING ENTRY SYMBOL
1	NORTH ARROW
12 / AE101.1	MATCH LINE
1	SCOPE OF WORK

MATERIALS KEY

MATERIAL	LARGE SCALE SECTIONS
BRICK	
CONCRETE MASONRY UNIT (CMU)	
CONCRETE CAST-IN-PLACE	
CONCRETE PRE-CAST	
EARTH	
EARTH, COMPACT	
FILL, POROUS	
FILL - PER NOTE	
STEEL	
ALUMINUM	
CONT. ROUGH FRAMING	
INTERMITTENT BLOCKING	
PLYWOOD	
FINISH WOOD	
GLASS	
RIGID INSULATION	
BATT INSULATION	
GYP(SUM) BOARD	
TILE/TERRAZZO	
MARBLE/GRAVITE/STONE	

LEGEND: DEMOLITION PLAN

----	EXISTING ELEMENT TO BE REMOVED
----	EXISTING ELEMENT AND/OR AREA TO REMAIN
----	EXISTING DOOR AND FRAME TO BE REMOVED
----	EXISTING DOOR TO REMAIN

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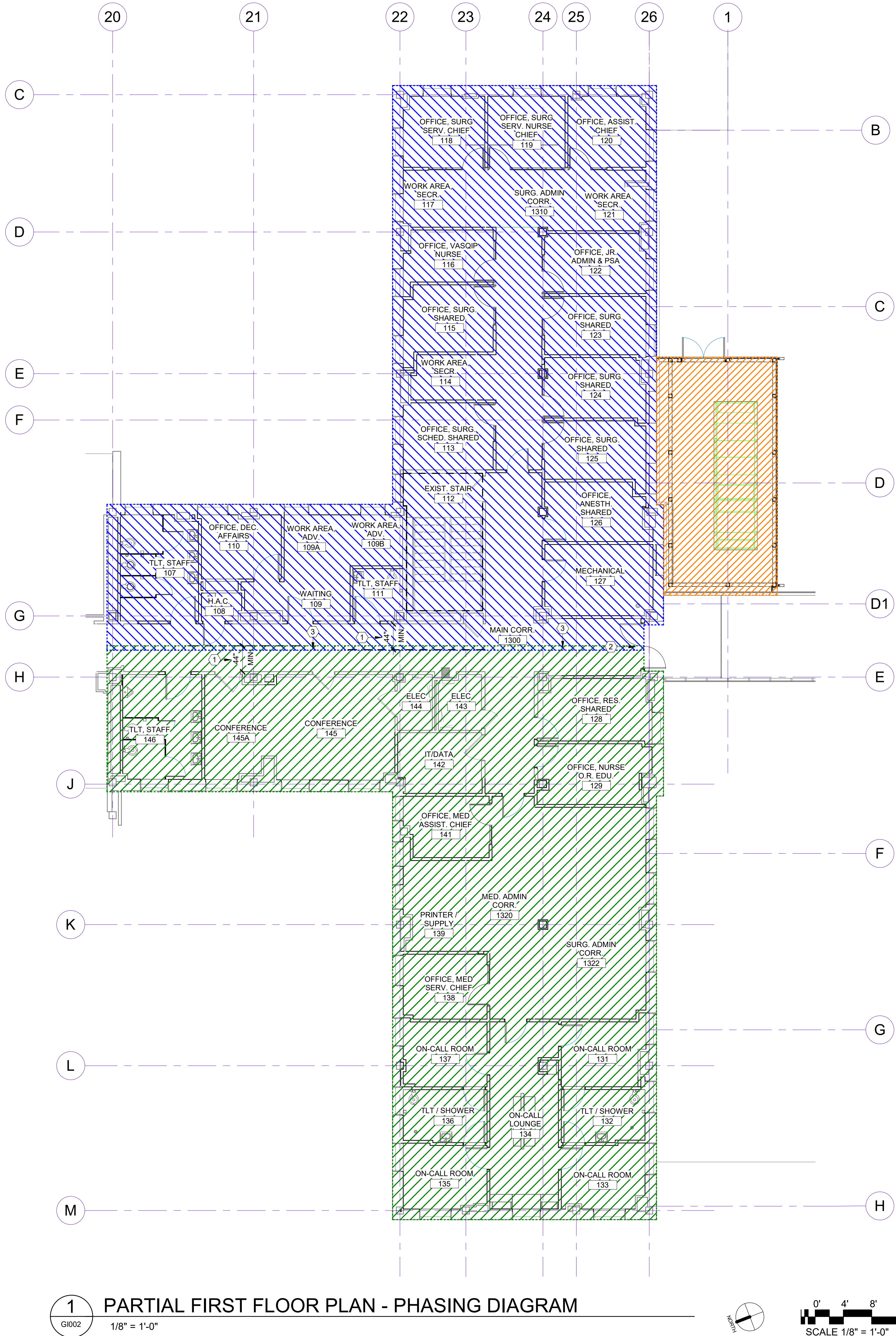
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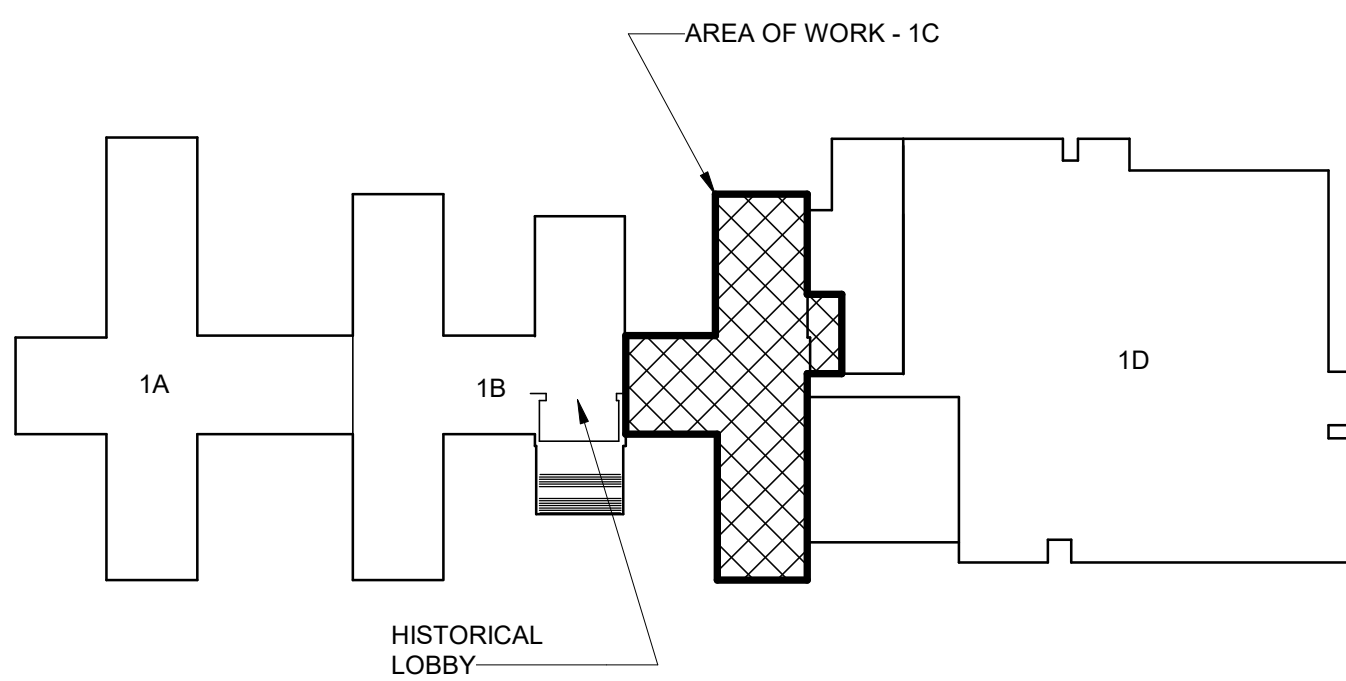
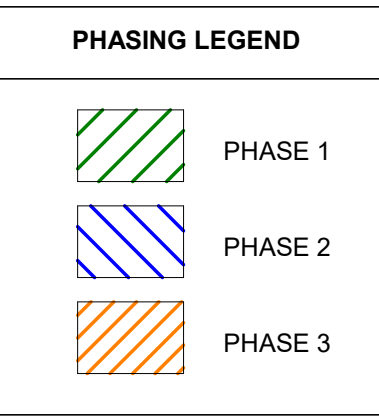


GENERAL NOTES - PHASING

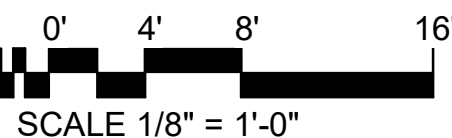
- CONTRACTOR SHALL BE RESPONSIBLE FOR SEQUENCING AND COORDINATION OF CONSTRUCTION PHASING WITH VAS SCHEDULES, INFECTION CONTROL, AND INTERIM LIFE SAFETY REQUIREMENTS. REFER TO SPECIFICATIONS, INFECTION CONTROL NOTES, AND PLANS FOR PROJECT REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE ALL SUB-PHASING ACTIVITIES AS REQUIRED FOR WORK OCCURRING BETWEEN VARIOUS PHASES.
- CONTRACTOR SHALL REFER TO ALL DEMOLITION AND NEW CONSTRUCTION DRAWINGS FOR DETAILED SCOPE OF WORK.
- CONTRACTOR SHALL MAINTAIN EGRESS PATHWAYS FROM AREA OF WORK AND FROM ALL AREAS OF BUILDING 1 THROUGHOUT CONSTRUCTION. REFER TO SHEET G101, AND TO FAYETTEVILLE VAMC STATEMENT OF CONDITIONS DRAWINGS, FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL NOTE THAT THE BUILDING AND AREAS ADJACENT TO THE AREA OF WORK ARE TO REMAIN OCCUPIED AND FUNCTIONING THROUGHOUT CONSTRUCTION.
- HOURS OF OPERATION FOR WORK GENERATING SIGNIFICANT NOISE, VIBRATION, OR OTHERWISE DISRUPTIVE OF BUILDING FUNCTION SHALL BE OUTSIDE NORMAL BUILDING OPERATION HOURS. CONTRACTOR SHALL COORDINATE WITH VA THE SCHEDULING OF SUCH WORK A MINIMUM OF 2 WEEKS IN ADVANCE.

KEYNOTES - PHASING (#)

- WHEN WORK REQUIRES CONSTRUCTION PARTITIONS TO BE ERRECTED IN MAIN CORRIDOR 1300, PROVIDE INDICATED MINIMUM WIDTH OF EGRESS CORRIDOR CLEAR OF TEMPORARY CONSTRUCTION PARTITIONS.
- DEMOLITION AND CONSTRUCTION OF THIS NEW DOOR SHALL OCCUR OUTSIDE OF NORMAL HOURS OF OPERATION AND IN CONSECUTIVE SHIFTS AS REQUIRED TO MAINTAIN HORIZONTAL EXIT FUNCTION.
- PHASING SEQUENCE: BUILD TEMPORARY WALL FOR PHASE 1. WHEN FINISHED, REMOVE AND BUILD NEW TEMPORARY WALL FOR PHASE 2. SEE KEYNOTE 1 FOR CLEARANCE.



1 PARTIAL FIRST FLOOR PLAN - PHASING DIAGRAM
1/8" = 1'-0"



KEY PLAN - BLDG 1
NTS

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
13100 watertown plank road suite 200 dtn, wisconsin 53122 Nagel Architects + Engineers project number: 19022

STAMP

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
PHASING DIAGRAM & NOTES
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
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Project Number
565-19-101
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BLDG 1
Drawing Number
G1002

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CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD



13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

BUILDING CODE REVIEW

Approved:

Phase

BID DOCUMENTS

FULLY
SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

DE

Drawn

TMO

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

G1102

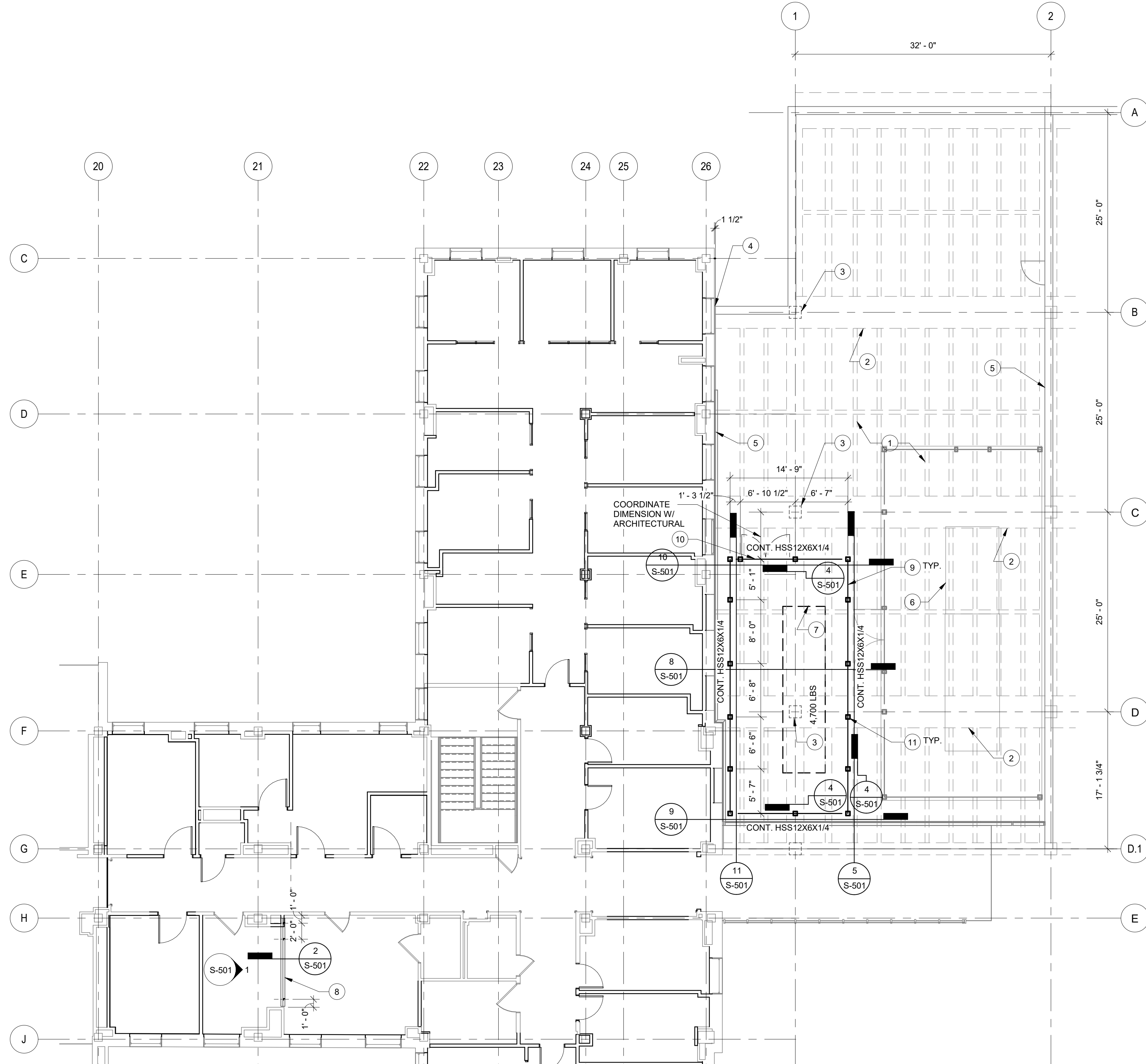
ABBREVIATIONS: STRUCTURAL

SYMBOL LEGEND: STRUCTURAL

SYMBOLS AND ABBREVIATIONS FOR CONCRETE (as per ACI)

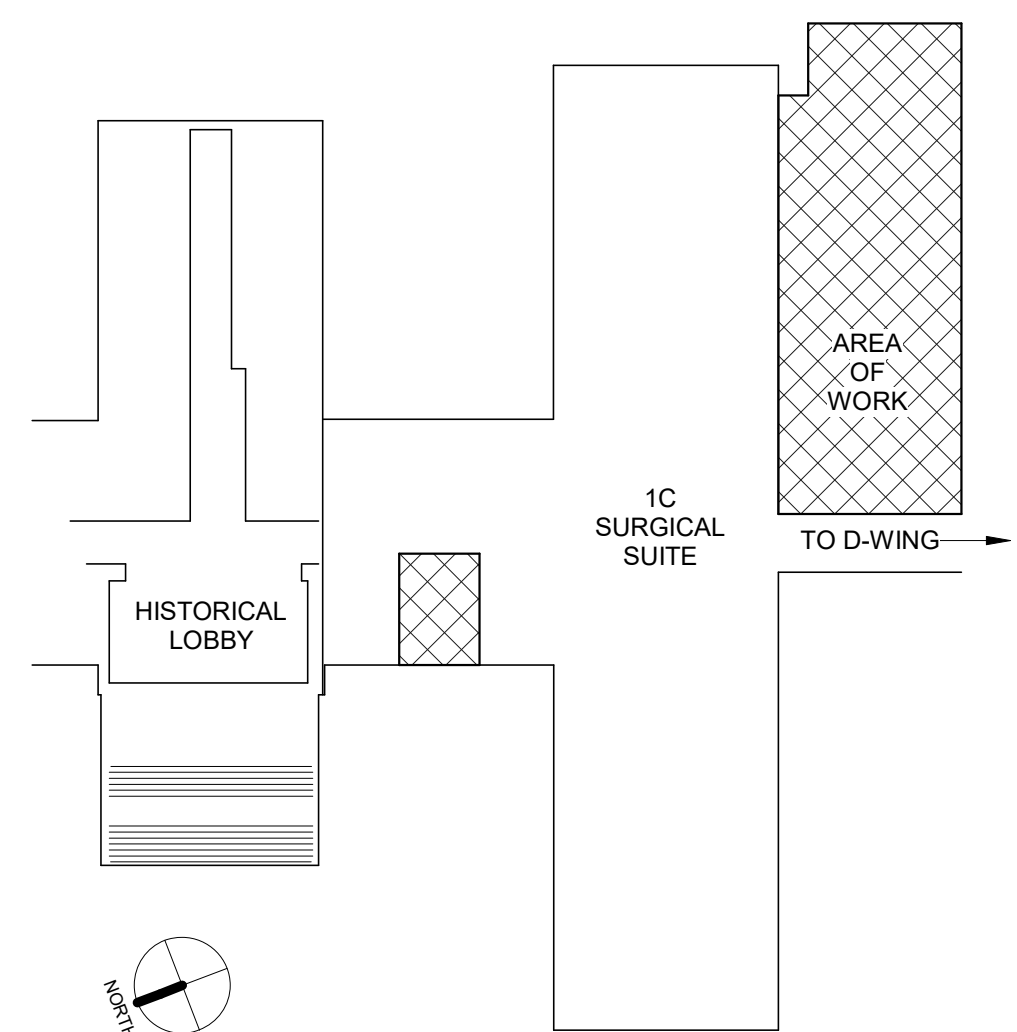


Project Number	565-19-101
Building Number	BLDG 1
Drawing Number	S-001



1. EXISTING CONCRETE ONE-WAY JOISTS
2. EXISTING CONCRETE BEAM
3. EXISTING CONCRETE COLUMN BELOW
4. EXISTING 1'-1/2" SEPARATION JOINT
5. EXISTING BUILDING WALL
6. NEW MECHANICAL UNIT PLACED UNDER A DIFFERENT CONTRACT
7. NEW MECHANICAL UNIT ON MECHANICAL SHEET MP101
8. CONTRACTOR TO PROVIDE SEISMIC ANCHORAGE TO EXISTING ROOF AND THE UNIT SHALL HAVE SPECIAL SEISMIC CERTIFICATION IN ACCORDANCE WITH SPECIFIED CODE SECTION 13.05.41. DO NOT DISTURB THE EXISTING ROOF REBAR. THE CONTRACTOR SHALL LOCATE THE EXISTING REBAR PRIOR TO INSTALLING THE ANCHORAGE.
9. NEW HANGING PARTITION SUPPORT SUSPENDED FROM EXISTING CONCRETE STRUCTURE ABOVE. SEE DETAIL 11-S501
10. HSS12X6X1/4 CORNER BRACE TO EXISTING ROOF ANCHORAGE ANGLES. SEE FRAME ELEVATIONS AND DETAIL 4-D SSET S-501
11. DOOR OPENING
12. HSS6X6X1/4 CORNER CONNECTED TO TOP OF HSS12X6X1/4. TYPICAL. SEE FRAME ELEVATIONS ON SHEET S-501.
13. INSULATED METAL ROOF PANEL. SEE ARCHITECTURAL.
14. MECHANICAL EQUIPMENT IN ROOM. PROVIDE HSS3X3X3/16 AROUND PERIMETER OF OPENING

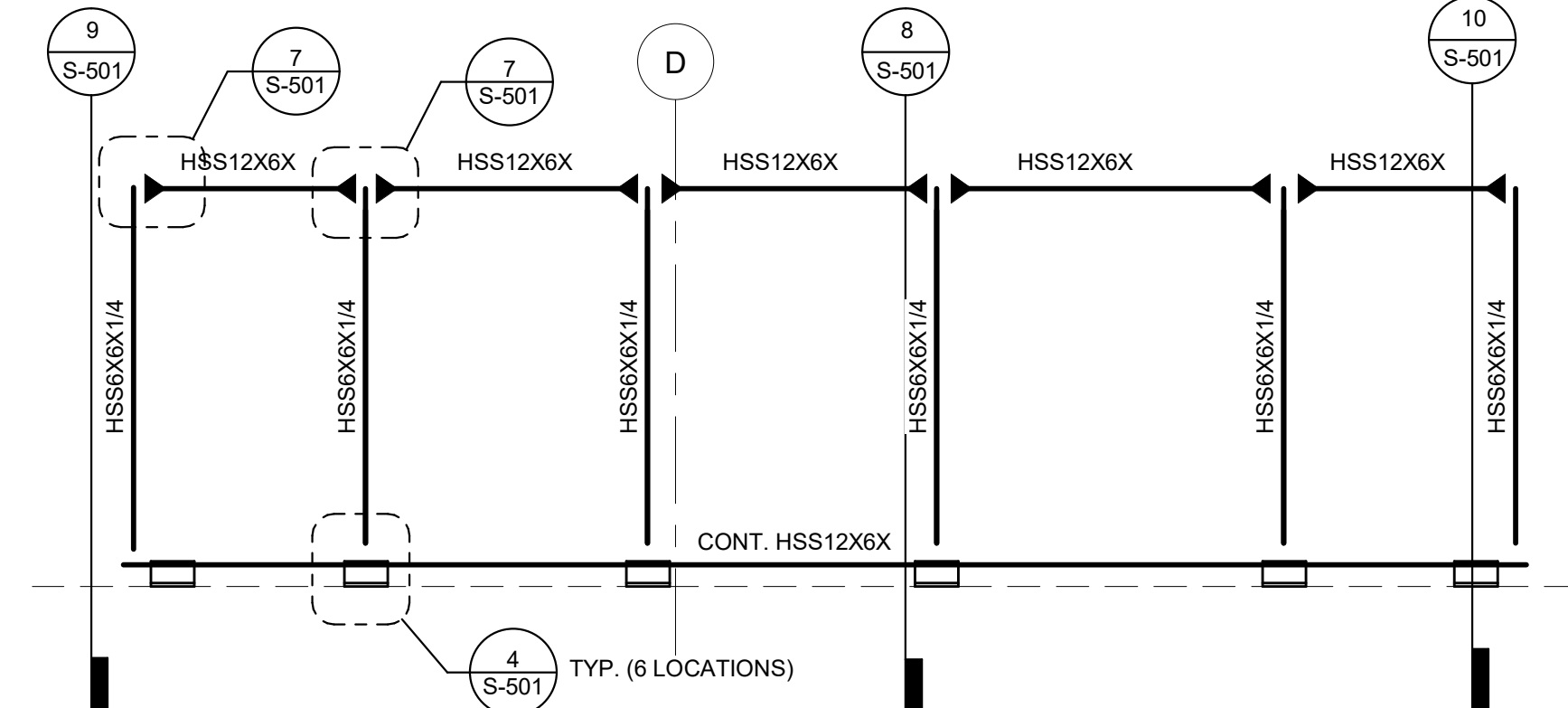
1 PARTIAL EXISTING FIRST FLOOR FRAMING PLAN- 1C
SCALE: 1/8" = 1'-0"



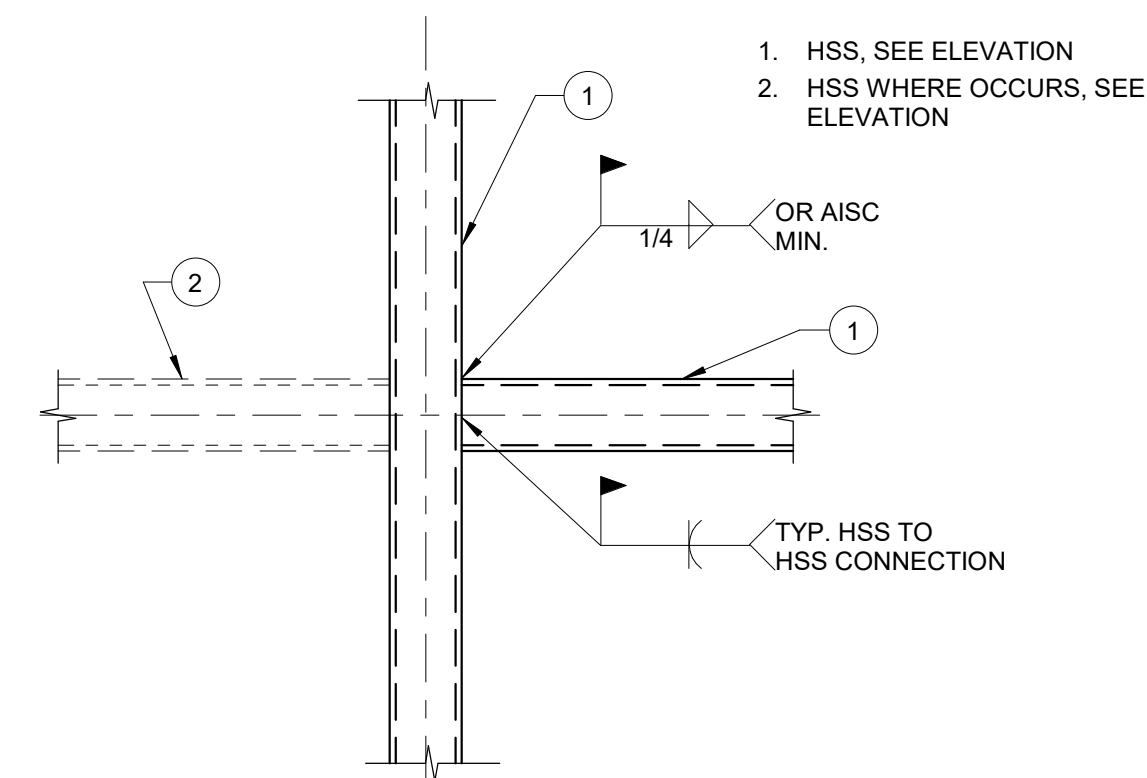
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565-19-101

Building Number
BLDG 1

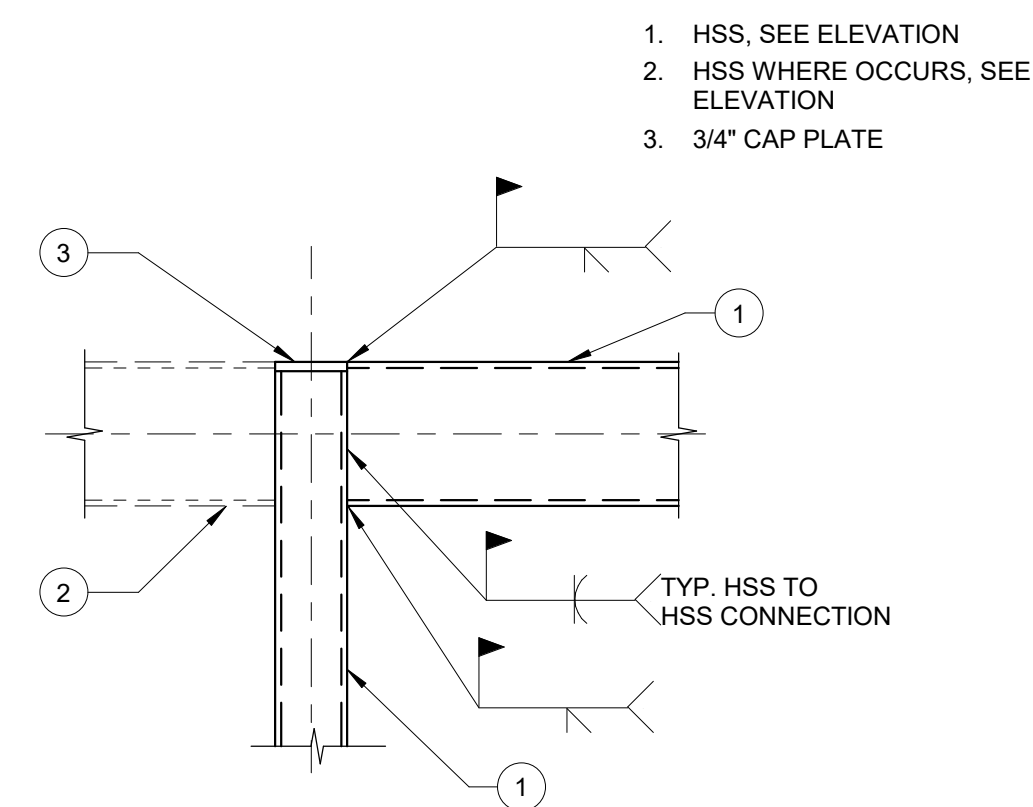
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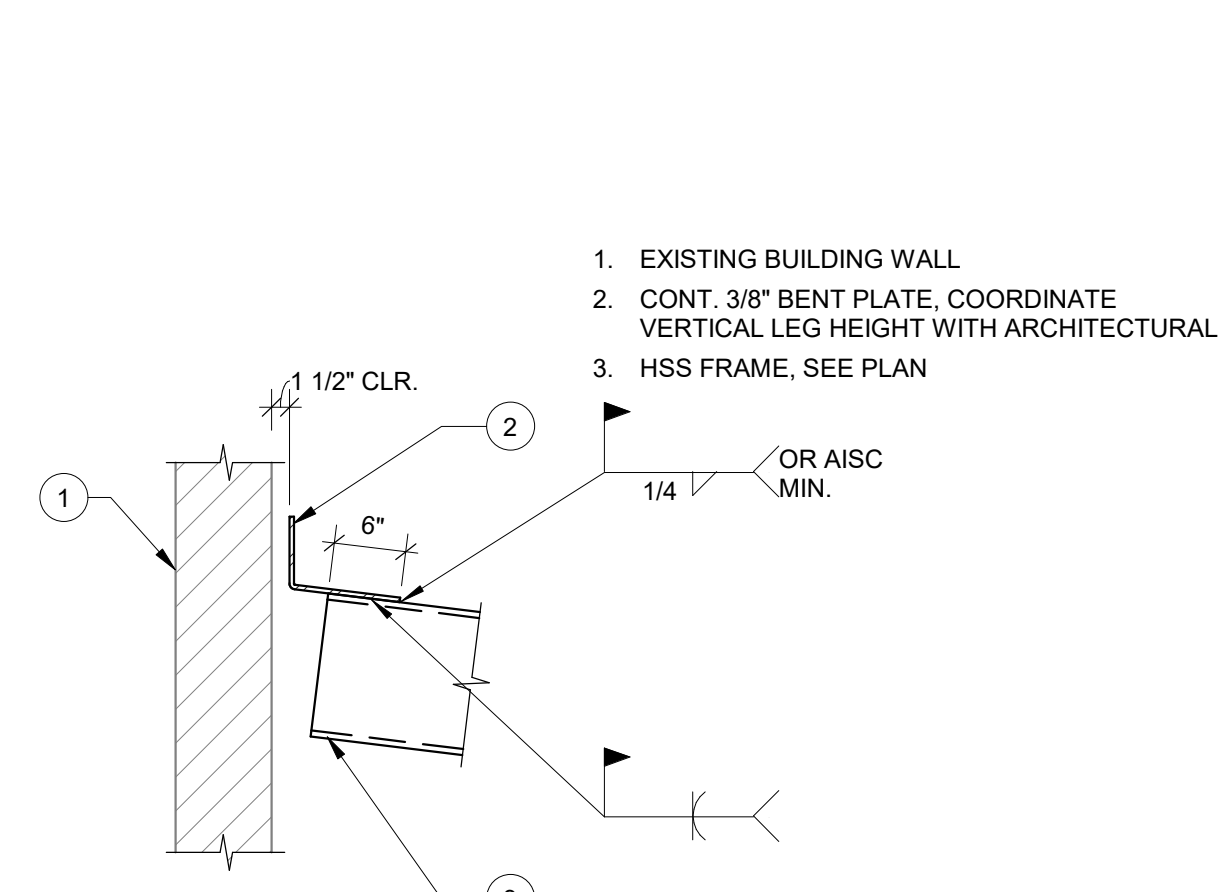
5 HSS FRAME SOUTH WALL
SCALE: 1/4" = 1'-0"



6 TYPICAL HSS TO HSS CONNECTION



7 TYPICAL HSS TO HSS COL. CONNECTION
SCALE: 3/4" = 1'-0"



12 BENT PLATE
SCALE: 3/4" = 1'-0"



Project Number 565-19-101
Building Number BLDG 1
Drawing Number S-501

NOT FOR CONSTRUCTION

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PARTIAL FIRST FLOOR PLAN - 1C, ARCHITECTURAL DEMOLITION

AD101

1/8" = 1'-0"

0' 4' 8' 16'

SCALE 1/8" = 1'-0"

KEY PLAN - BLDG 1

NTS

GENERAL NOTES: DEMOLITION

- A. EXISTING BUILDING PLANS HAVE BEEN SHOWN ACCORDING TO ORIGINAL BUILDING PLANS AND FIELD NOTES AND MEASUREMENTS. EXISTING CONDITIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTORS AND DISCREPANCIES REPORTED TO THE COR AND ARCHITECT PRIOR TO FRAMING.
- B. CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING BUILDING AMENITIES NOT SLATED FOR DEMOLITION OR REMODELING. EXISTING WALLS, PARTITIONS, FLOOR LINES AND DOORS AND FRAMES THAT REMAIN ARE SHOWN IN CONTINUOUS LINE WEIGHT. THESE AND EXISTING FLOOR AND WALL FINISHES THAT ARE SCHEDULED TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION. ANY SUCH EXISTING CONDITIONS WHICH ARE DAMAGED OR BECOME UNSTABLE DUE TO OTHER DEMOLITION SHALL BE REPLACED AT NO COST TO VA WITH NEW CONSTRUCTION TO MATCH.
- C. ALL EXISTING WALLS, PATCH FLUSH TO REPAIR EXISTING HOLES, DAMAGED AREAS AND WHERE WALLS WERE PREVIOUSLY REMOVED, OR UTILITY MODIFICATIONS WERE PERFORMED, PROVIDE NEW FINISHES PER SCHEDULE. PATCH AND REPAIR EXISTING WALLS TO REMAIN TO PROVIDE A SUITABLE SURFACE FOR NEW FINISHES.
- D. GC SHALL PROVIDE AND MAINTAIN APPROPRIATE BARRICADES AND SAFETY MEASURES IN AREAS OF CONSTRUCTION AT ALL TIMES.
- E. ALL CUTTING AND PATCHING SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR UNLESS OTHERWISE STIPULATED BY OR ARRANGED WITH THE GC.
- F. ALL DIMENSIONS NOTED TO BE VERIFIED SHALL BE VERIFIED ON SITE BY THE CONTRACTOR AND REPORTED TO THE COR AND ARCHITECT FOR CONFIRMATION PRIOR TO FRAMING OF WALLS.
- G. REMOVE AND DISPOSE OF ALL LIFE SAFETY EQUIPMENT, FIRE EXTINGUISHERS, EXIT SIGNS, ETC. WITHIN SCOPE OF WORK U.N.O.
- H. REMOVE AND DISPOSE OF ALL EXISTING FLOOR FINISHES AND WALL BASE WITHIN SCOPE OF WORK TO CONCRETE SUBFLOOR, INCLUDING PADDING AND SKIM COATING, AND PREPARE FOR NEW FINISHES, U.N.O. PROVIDE UNIT BID PRICING FOR REMOVAL OF SKIM COATING, ASSUMING AT MINIMUM 1000 SF.
- I. REMOVE AND DISPOSE OF ALL EXISTING WINDOW SHADES WITHIN SCOPE OF WORK U.N.O.
- J. REMOVE AND DISPOSE OF ALL EXISTING CEILING TILE AND GWB CEILING SYSTEMS WITHIN SCOPE OF WORK U.N.O.
- K. REMOVE AND DISPOSE OF INTERIOR SIDE OF ALL EXTERIOR WALLS, AS WELL AS INTERNAL COLUMN ENCLOSURES, BACK TO EXISTING STRUCTURE WITHIN SCOPE OF WORK U.N.O.
- L. DUE TO THE INHERENTLY GREATER POTENTIAL FOR FIRE, SEPARATE ALL OCCUPIED AREAS FROM DEMOLITION AND CONSTRUCTION BY TEMPORARY SMOKE TIGHT CONSTRUCTION PARTITIONS. PARTITIONS SHALL BE 1-HOUR FIRE RATED FULL HEIGHT, EXTENDING THROUGH SUSPENDED CEILING TO THE FLOOR SLAB OR ROOF DECK.

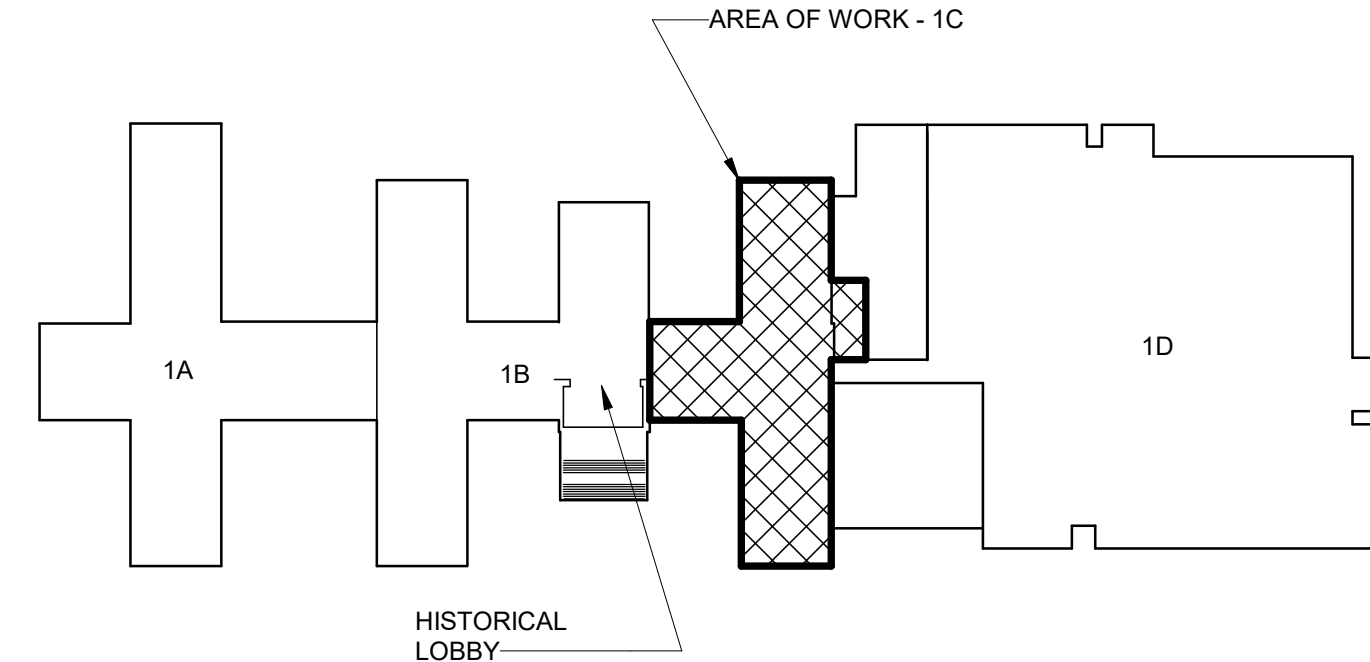
NOTE:
SEE FD101, PD101, PD102, MD100, ED100, ED101 & ED102 TO COORDINATE ARCHITECTURAL DEMOLITION WITH OTHER DISCIPLINES.

LEGEND: DEMOLITION PLAN

- EXISTING ELEMENT TO BE REMOVED
- ===== EXISTING ELEMENT AND/OR AREA TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING DOOR TO REMAIN

KEYNOTES - DEMOLITION PLAN

- 1 EXISTING SINK TO BE REMOVED AND DISPOSED OF. SEE PLUMBING DEMO FOR ADDITIONAL INFORMATION.
- 2 EXISTING COUNTERTOP AND UPPER CABINETS TO BE REMOVED AND DISPOSED OF.
- 3 EXISTING HOLLOW CLAY TILE WALL TO REMAIN. VERIFY EXTENT AND LOCATION OF HOLLOW CLAY TILE WALLS PRIOR TO BEGINNING DEMOLITION.
- 4 EXISTING DRINKING FOUNTAIN W/ BOTTLE FILLER TO REMAIN.
- 5 EXISTING TRANSACTION WINDOW, FRAME, AND COUNTERTOP TO BE REMOVED AND DISPOSED OF.
- 6 EXISTING WOOD WAINSCOTING THIS ROOM TO BE REMOVED AND DISPOSED OF.
- 7 EXISTING WATER CLOSET AND GRAB BARS TO BE REMOVED AND DISPOSED OF. SEE PLUMBING DEMO FOR ADDITIONAL INFORMATION.
- 8 EXISTING INTERIOR STOREFRONT SYSTEM TO BE REMOVED AND DISPOSED OF. PREP FOR NEW MTL STUD INFILL AS DESIGNED PER SPECIFICATION 05 40 00.
- 9 EXISTING HOLLOW CLAY TILE WALL TO BE REMOVED AND DISPOSED OF TO EXTENT SHOWN. PREP FOR LOAD-BEARING STRUCTURAL STEEL FRAMING AS DESIGNED PER SPECIFICATION 05 40 00.
- 10 REMOVE AND DISPOSE OF EXISTING WALL VENT AT DEMOLISHED FAN COIL UNIT AND PREP FOR BRICK INFILL PER ARCHITECTURAL DETAIL.
- 11 EXISTING LOUVER TO BE REMOVED AND DISPOSED OF. PREP FOR BRICK INFILL PER ARCHITECTURAL DETAIL.
- 12 EXISTING ENCLOSURE BEHIND DEMOLISHED FAN COIL UNIT TO BE REMOVED AND DISPOSED OF.
- 13 EXISTING SOFFIT ABOVE TO BE REMOVED AND DISPOSED OF.
- 14 EXISTING WINDOW UNIT AND TRIM TO BE SALVAGED, PROTECTED, AND RETURNED TO VA.
- 15 EXISTING BUILT-UP ROOFING, GRAVEL, AND INSULATED CONCRETE ROOF SYSTEM TO BE REMOVED DOWN TO STRUCTURAL DECK AND DISPOSED OF.
- 16 EXISTING CURTAIN WALL GLAZING TO BE REMOVED AND DISPOSED OF. MULLIONS TO REMAIN. SEE ELEVATION 3AE201 FOR EXTENT OF GLAZING REMOVAL.



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Revisions:	Date:

CONSULTANT

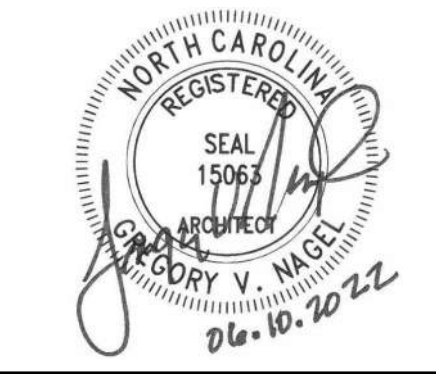
Consultant:

ARCHITECT/ENGINEER OF RECORD

NAGEL
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management

U.S. Department
of Veterans
Affairs

Drawing Title

PARTIAL FIRST FLOOR PLAN -1C,
ARCH. DEMOLITION

Approved:

Phase

BID DOCUMENTS

FULLY
SPRINKLERED

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RENOVATE 1C SURGICAL SUITE

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AD101

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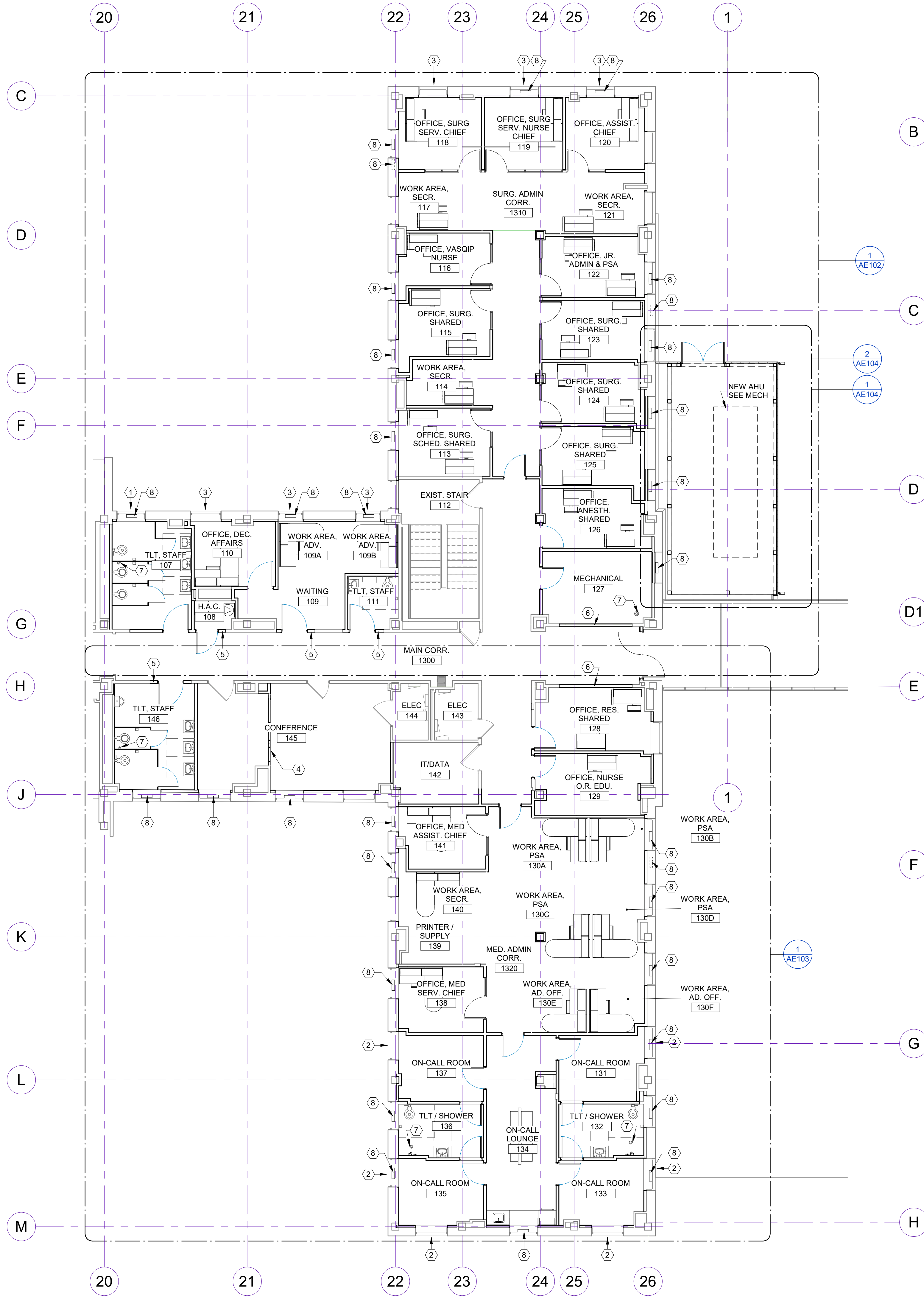
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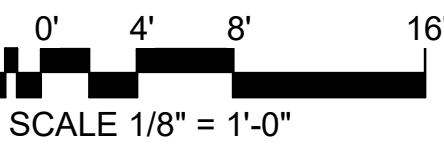
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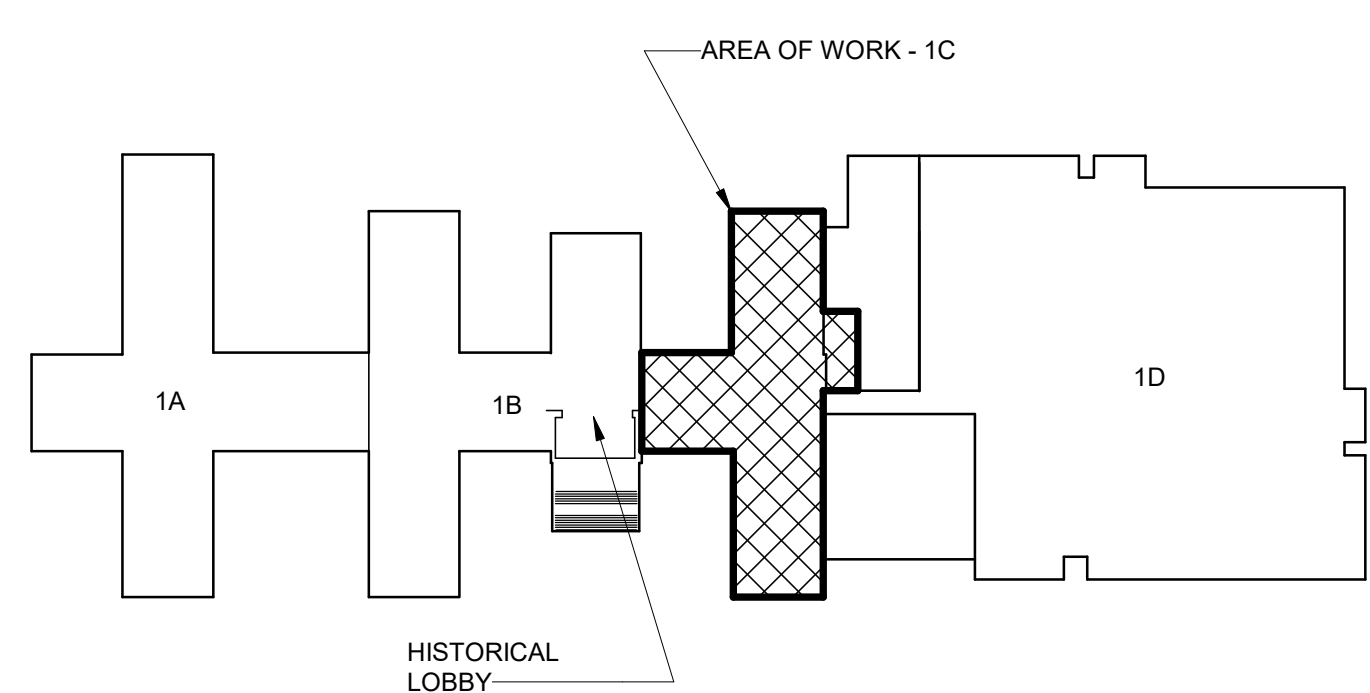


1 PARTIAL FIRST FLOOR PLAN - 1C, ARCHITECTURAL
1/8" = 1'-0"



- GENERAL NOTES: ARCHITECTURAL**
- CONTRACTOR SHALL MAINTAIN REQUIRED PATHS OF EGRESS FROM OCCUPIED AREAS OF EXISTING BUILDING, INCLUDING BUT NOT LIMITED TO EXIT ACCESS FROM ADJOINING AREAS THROUGH CORRIDOR 1300.
 - CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE.
 - CONTRACTOR SHALL MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING. ANY DISRUPTION IN SERVICES SHALL BE COORDINATED WITH THE OWNER.
 - CONTRACTOR SHALL PATCH ALL OPENINGS IN FLOOR, CEILING, ROOF, AND WALLS WHICH REMAIN AFTER ALTERATIONS TO BUILDING HAVE BEEN COMPLETED. PATCH TO MATCH EXISTING.
 - FIRE PROTECTION CONTRACTOR TO MODIFY SPRINKLER HEAD LOCATIONS AS REQUIRED TO ACCOMMODATE THE NEW FLOOR PLAN. SUBMIT MODIFICATION TO LOCAL FIRE MARSHALL OR AHJ FOR APPROVAL (IF REQUIRED).
 - X INDICATES PARTITION TYPE. SEE 10 / AE501 FOR WALL ASSEMBLY INFORMATION.
 - ALL DRYWALL PARTITIONS SHALL BE TYPE 2, UNLESS NOTED OTHERWISE. SEE 10 / AE501 FOR WALL ASSEMBLY INFORMATION.
 - PROVIDE FIRE TREATED BLOCKING AT MILLWORK AND WALL HUNG ELEMENTS IN RATED WALLS.
 - GRID LINES SHOWN ARE BASED ON EXISTING CONSTRUCTION PLANS.
 - CONTRACTOR SHALL COMPLY WITH VA INFECTION CONTROL GUIDELINES AND FACILITY INFECTION CONTROL RISK ASSESSMENT. VERIFY REQUIREMENTS WITH COR.
 - CONTRACTOR TO PATCH, FILL, AND LEVEL ANY DEPRESSIONS OR HOLES IN CONCRETE FLOOR SLAB THAT OCCUR FROM DEMOLITION, EXISTING OR NEWLY CREATED. PROVIDE BID PRICING PER HOLE BASED ON SIZE, ASSUMING AT MINIMUM (200) HOLES OF 1" OR LESS, (50) HOLES 1-3", AND (5) HOLES 10" OR GREATER.
 - PROVIDE NEW FURRING STUD WALL W/ VAPOR BARRIER AND SPRAY-FOAM INSUL R-21 MIN TO REPLACE, IN KIND, REMOVED FURRING STUD WALL AT INTERIOR SIDE OF ALL EXTERIOR WALLS WITHIN SCOPE OF WORK U.N.O. SEE EXTERIOR FURRING DETAIL SHEET AE501.

- KEYNOTES - ARCHITECTURAL**
- EXISTING WINDOW TO RECEIVE NEW PRIVACY FILM AT INTERIOR FACE
 - EXISTING WINDOW TO RECEIVE NEW DUAL BLACKOUT SHADE. SEE DETAIL SHEET AE501
 - EXISTING WINDOW TO RECEIVE NEW ROLLER SHADE. SEE DETAIL SHEET AE501
 - FOLDING PARTITION SUSPENDED FROM STRUCTURE ABOVE CEILING. SEE AE501 AND STRUCTURAL DRAWINGS.
 - LOAD-BEARING MTL STUD INFILL, JAMBS, AND HEADERS. DESIGN PER SPEC 05 40 00. ALIGN NEW WALL FINISH FLUSH TO EXISTING. BOTH SIDES.
 - MTL STUD INFILL, JAMBS, AND HEADERS. DESIGN PER SPEC 05 40 00.
 - NEW FLOOR DRAIN - SEE PLUMBING. VERIFY LOCATION OF DRAIN PENETRATION IN EXISTING SLAB DOES NOT INTERFERE WITH EXISTING CONCRETE SLAB RIBS OR REBAR PRIOR TO CUTTING.
 - INFILL MASONRY OPENING LEFT BY DEMOLISHED FCU VENT; SEE ARCHITECTURAL DETAIL SHEET AE201

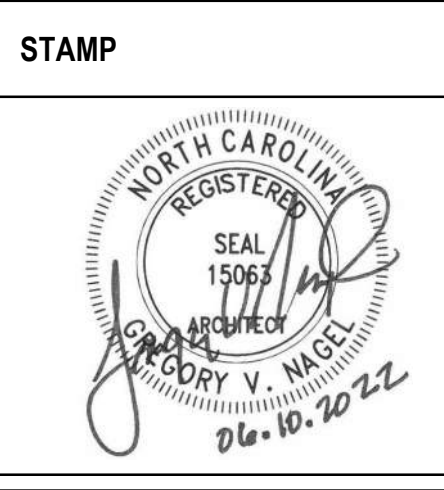


KEY PLAN - BLDG 1
NTS

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
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DESIGN DEVELOPMENT 80%	09 APR 2020
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Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
NAGEL architects + engineers
13100 watertown plank road suite 200 dtn arcola, wi 53122
Nagel Architects + Engineers project number: 19022



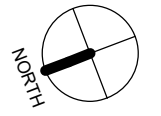
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
PARTIAL FIRST FLOOR PLAN - 1C, ARCHITECTURAL
Approved:

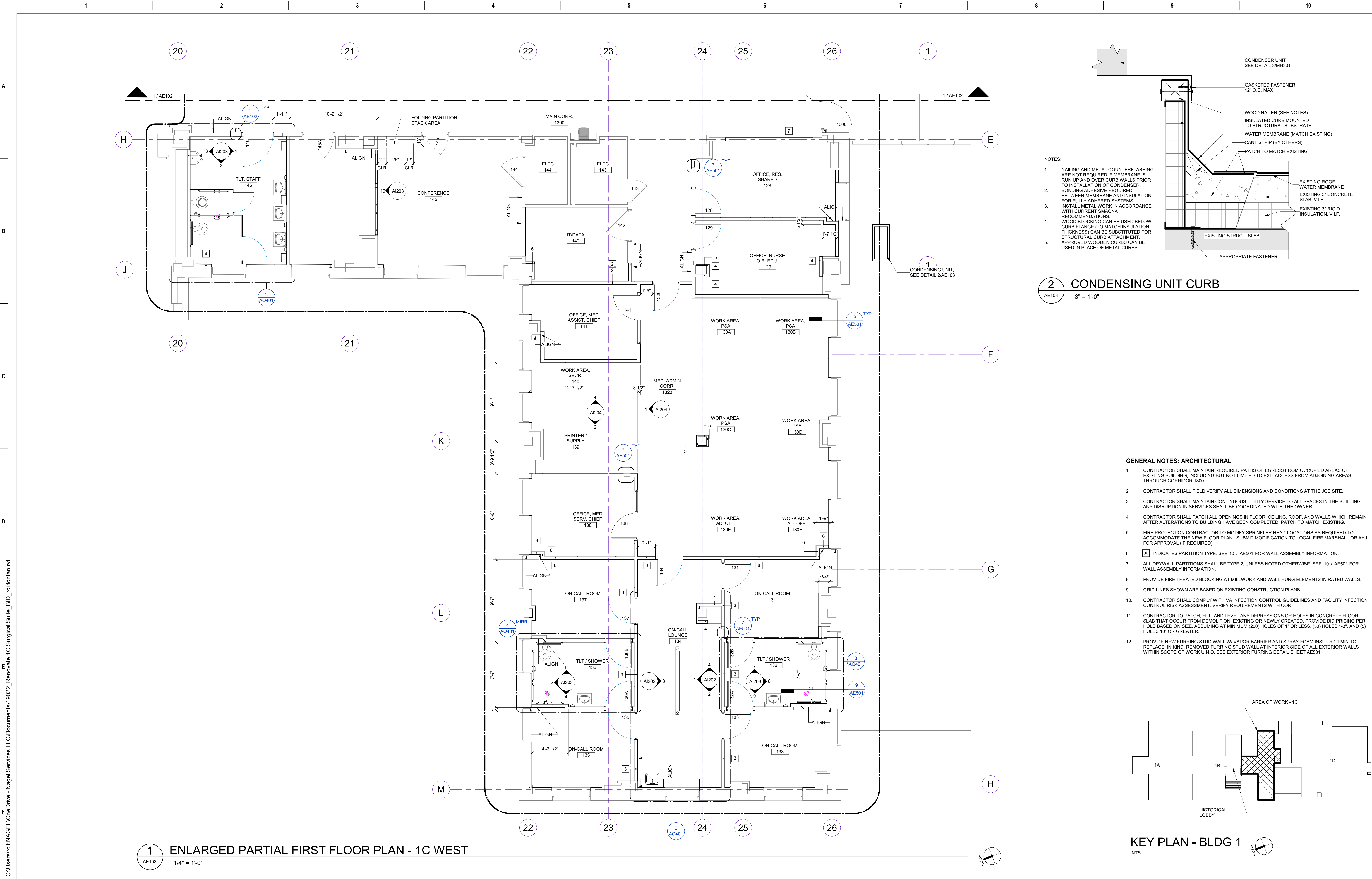
Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
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Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
AE101



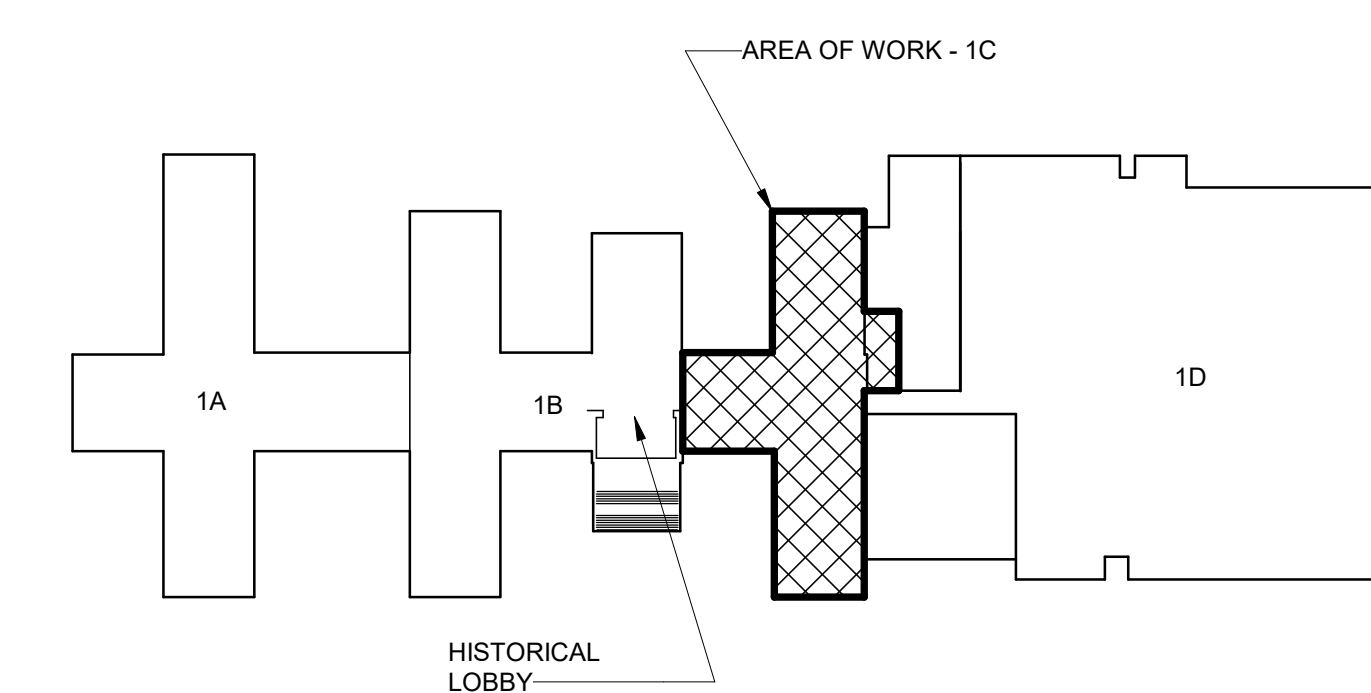
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1 ENLARGED PARTIAL FIRST FLOOR PLAN - 1C WEST
1/4" = 1'-0"

2 CONDENSING UNIT CURB
3" = 1'-0"

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KEY PLAN - BLDG 1
NTS

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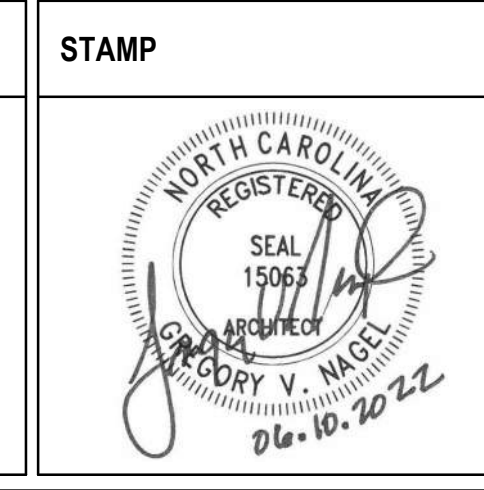
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ARCHITECT/ENGINEER OF RECORD

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architects + engineers

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Nagel Architects + Engineers
project number: 19022



Office of
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VA U.S. Department
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Drawing Title
ENLARGED PARTIAL FIRST FLOOR PLAN - 1C WEST
Approved:

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Drawing Number
AE103

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architects + engineers
13100 watertown plank road suite 200 dtn arden, wi 53122
Nagel Architects + Engineers project number: 19022

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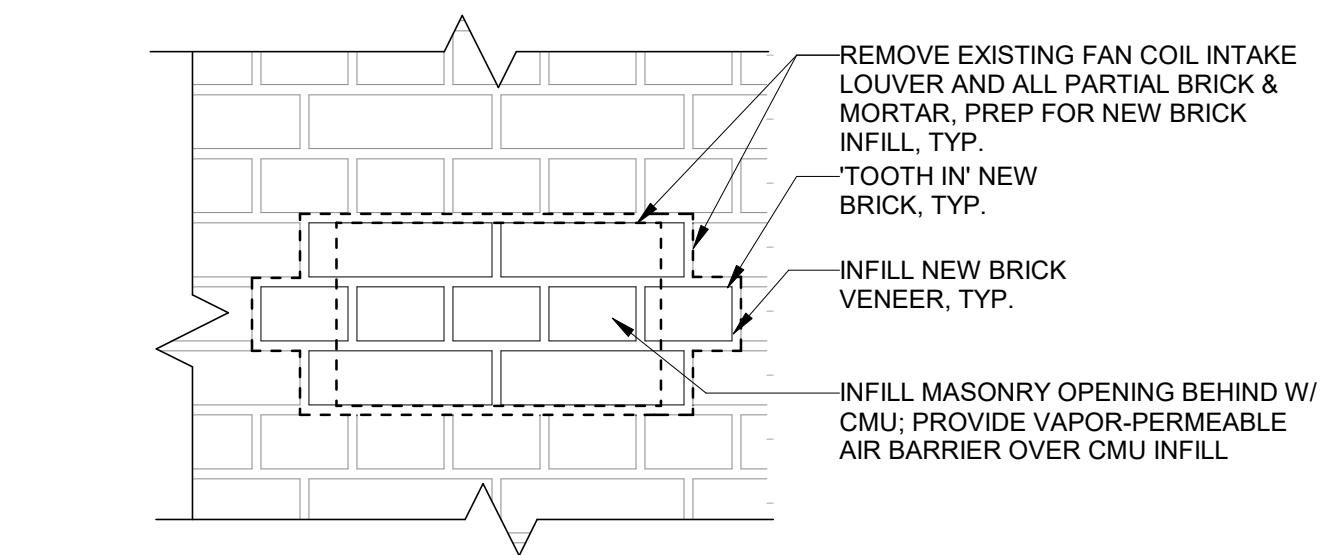
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
EXTERIOR ELEVATIONS
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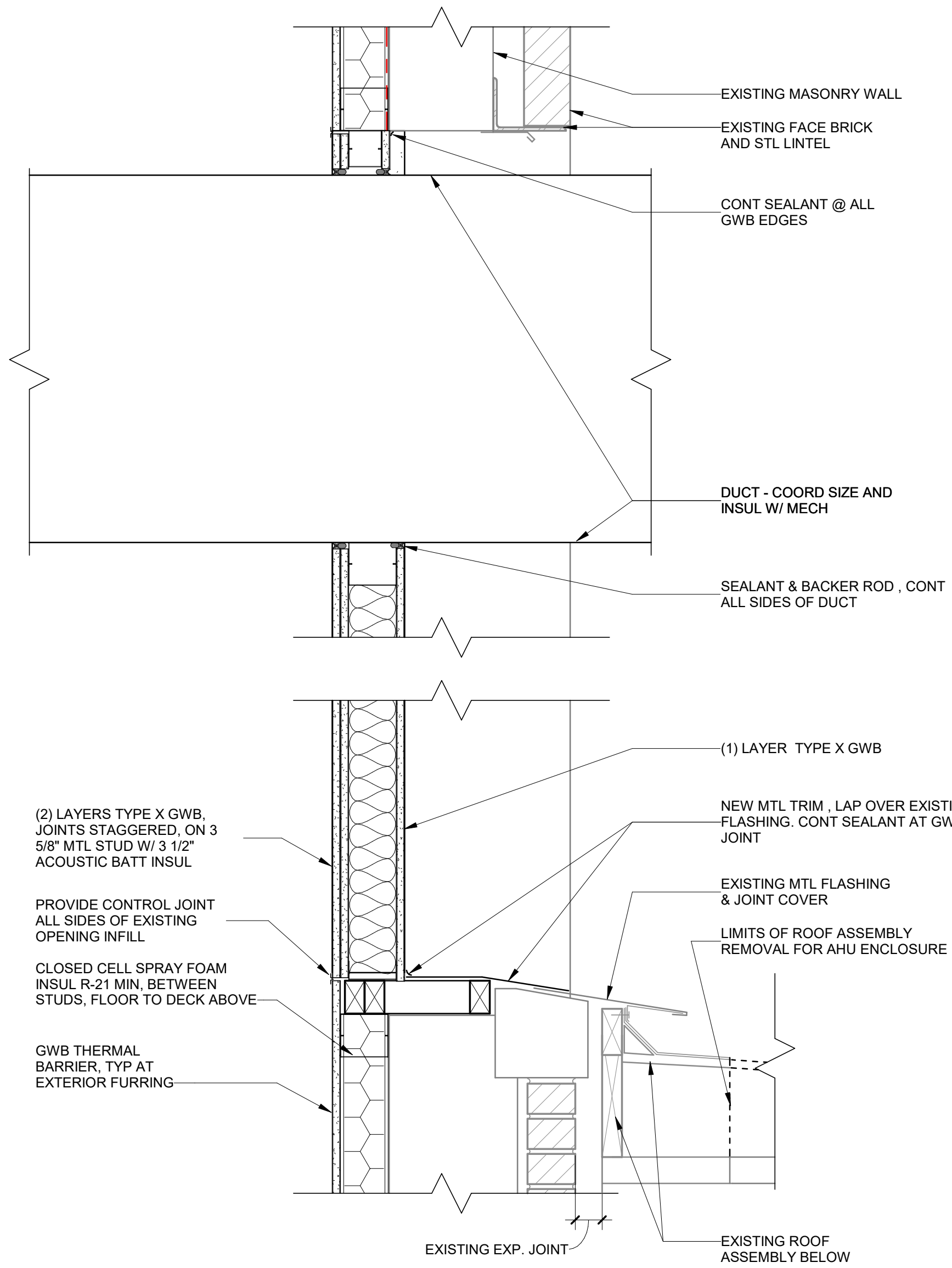
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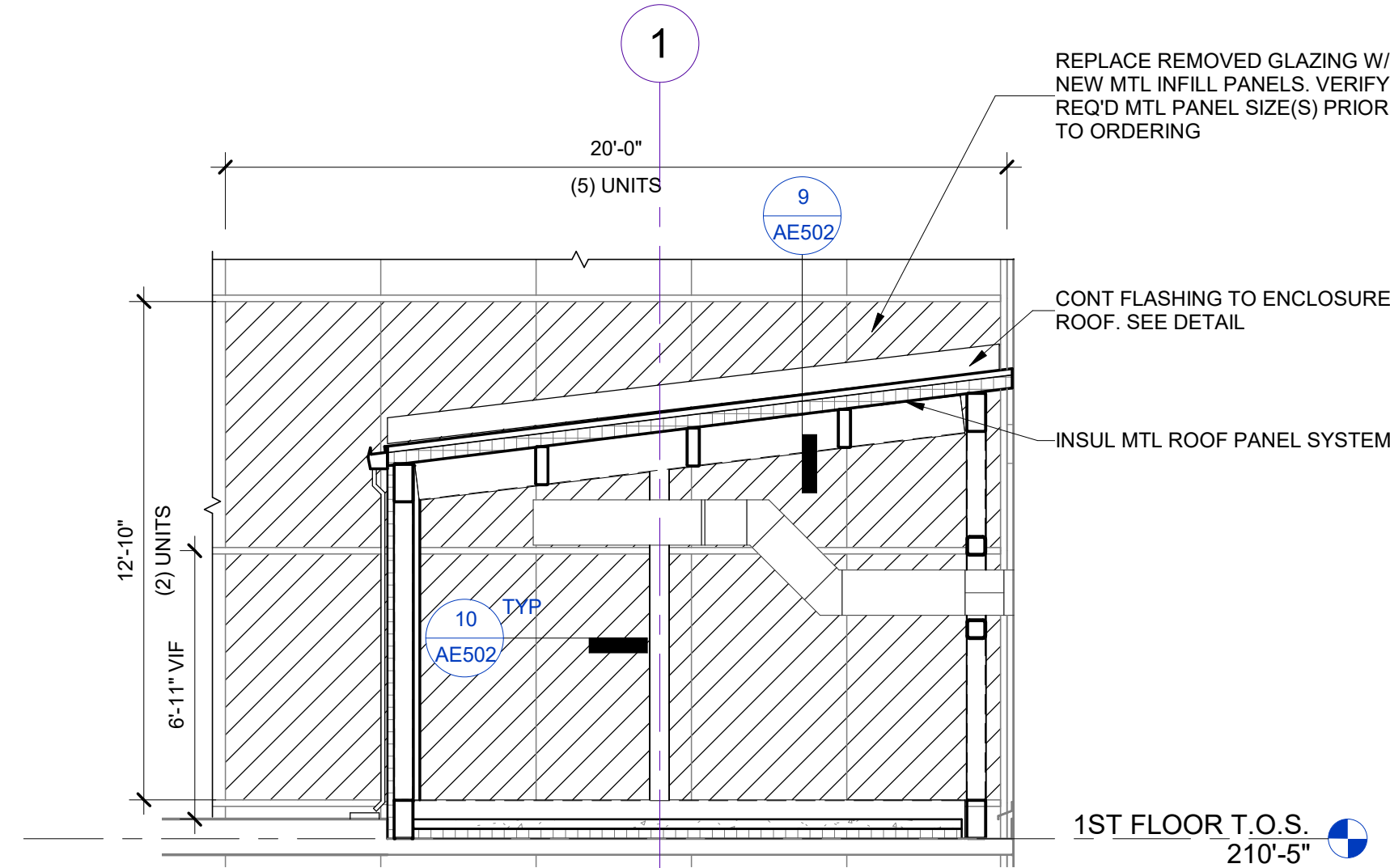
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AE201



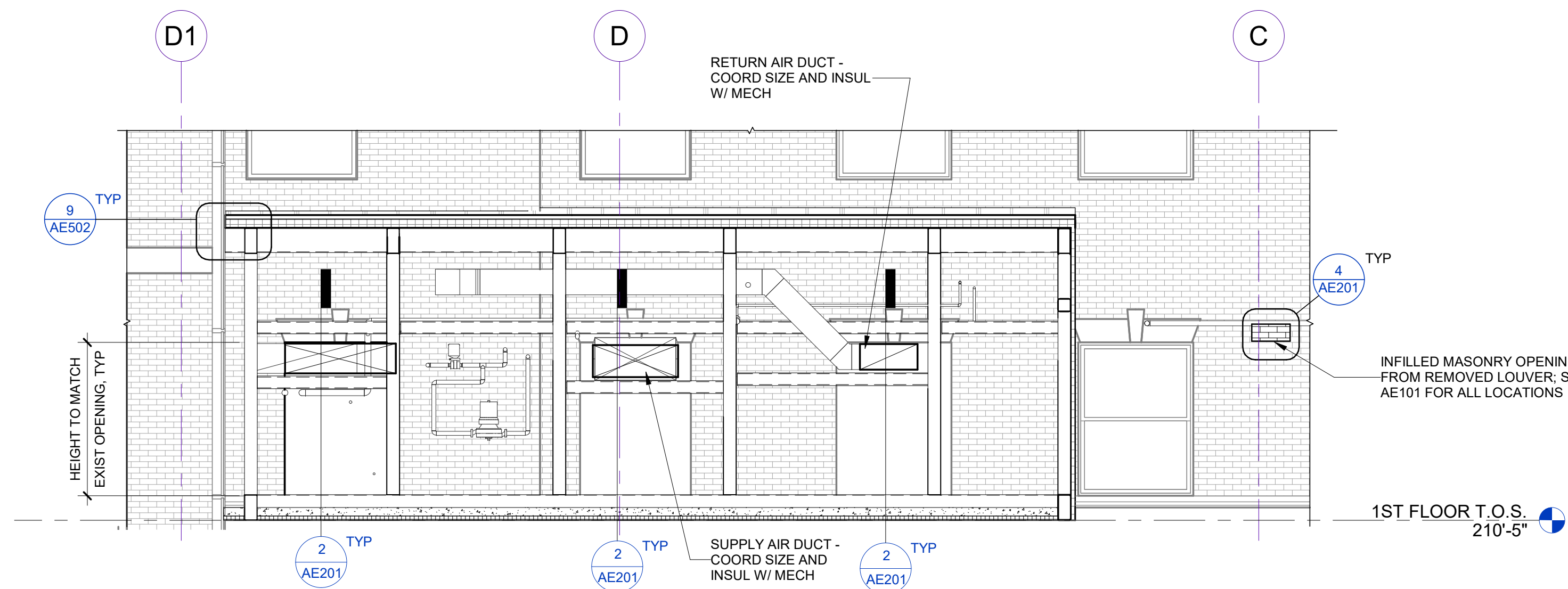
4 TYP FCU VENT INFILL DETAIL
AE201 1 1/2" = 1'-0"



2 GWB INFILL DETAILS
AE201 1 1/2" = 1'-0"



3 EXT. ELEVATION AT EXIST. CURTAIN WALL
AE201 1/4" = 1'-0"



1 EXT. ELEVATION AT AHU PENETRATIONS
AE201 1/4" = 1'-0"

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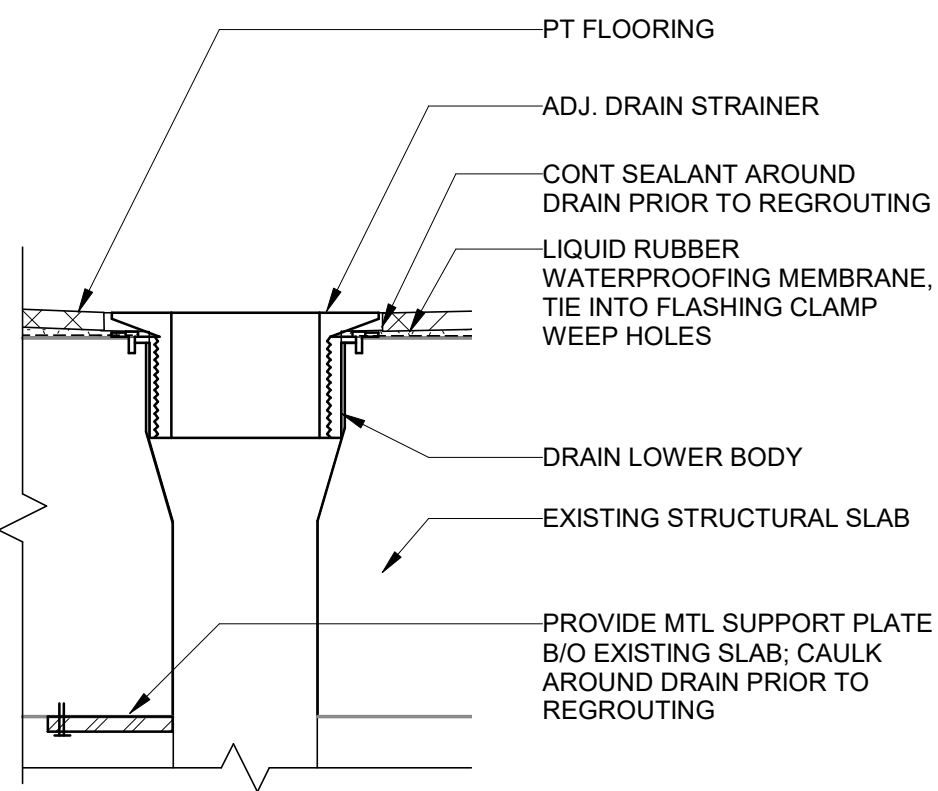
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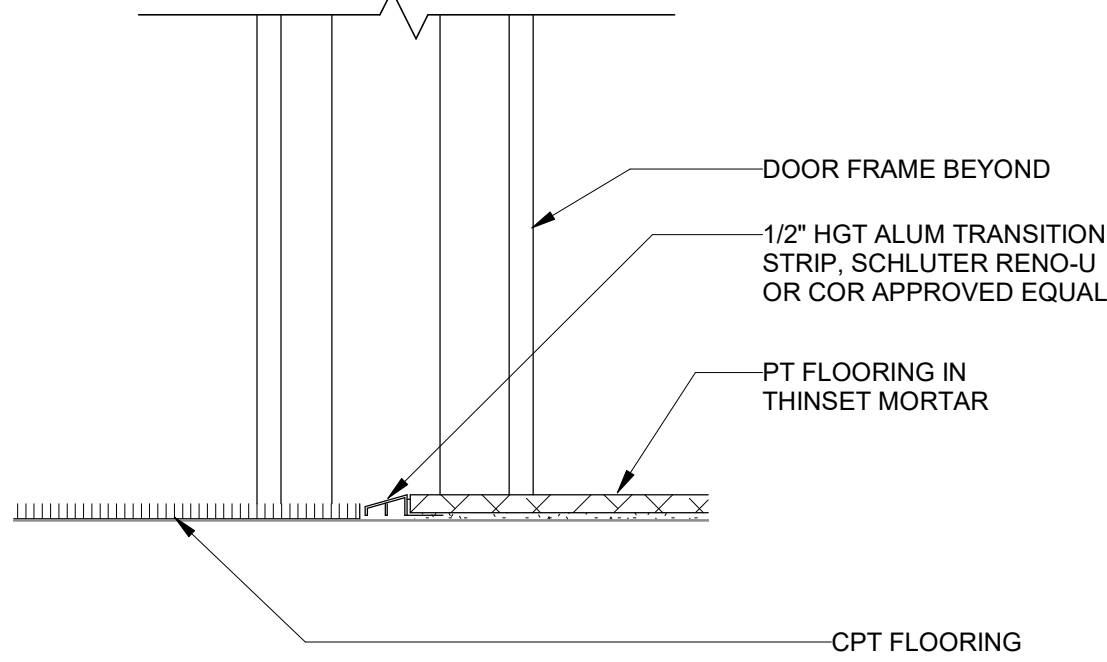
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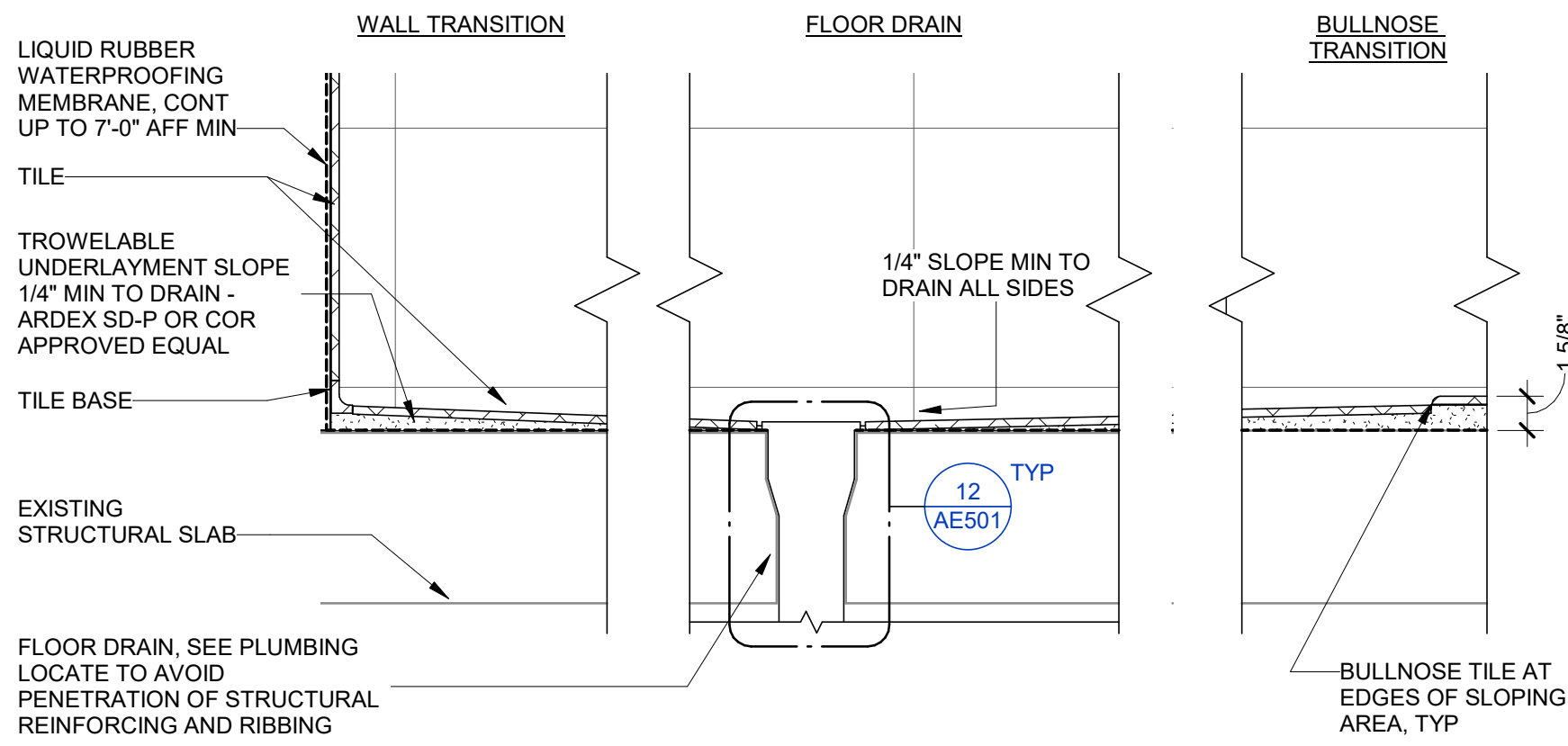


12 TYP SHOWER DRAIN
AE501 3" = 1'-0"

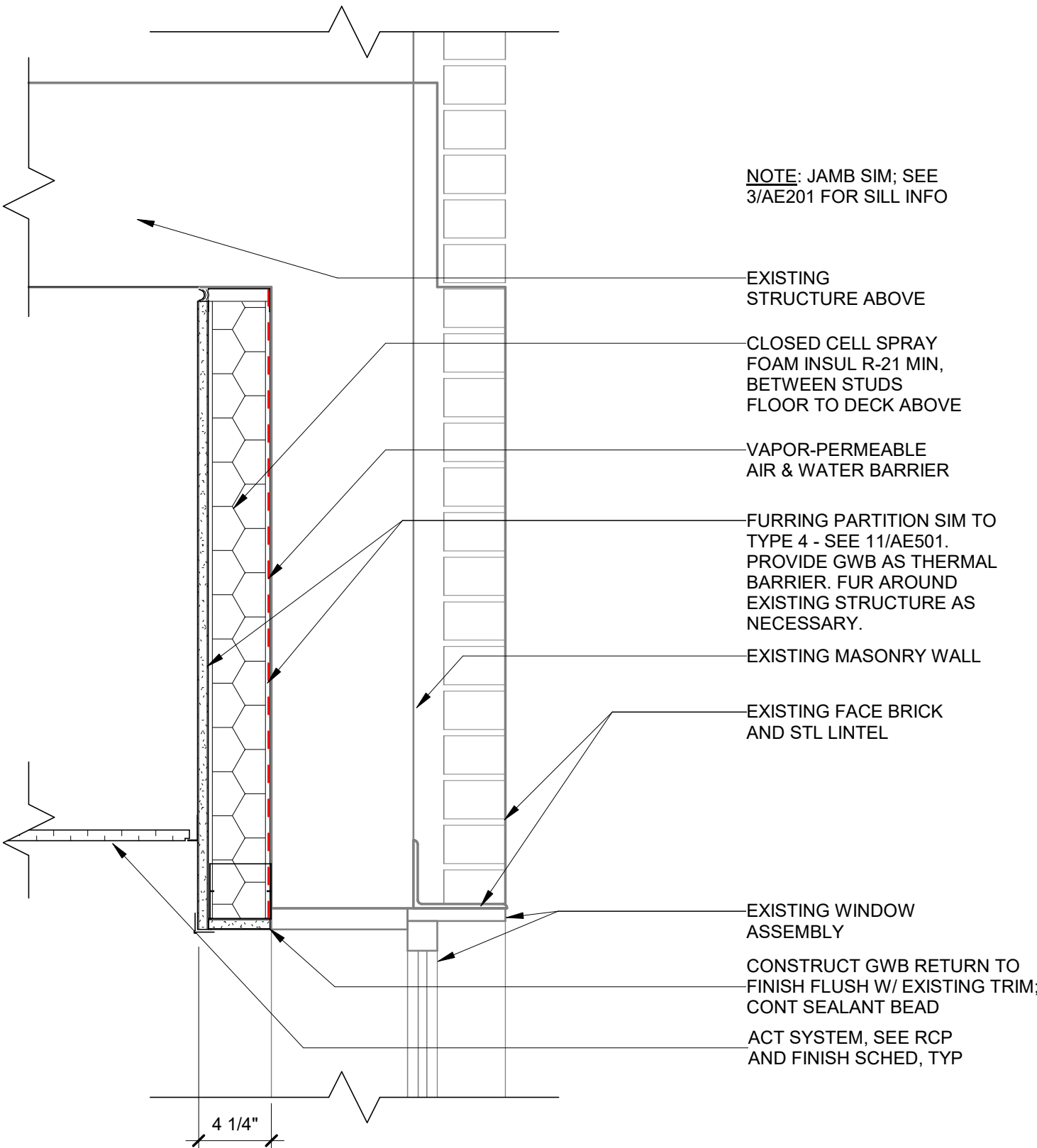


11 TYP CPT-TILE TRANSITION, TLT/SHOWER RM
AE501 3" = 1'-0"

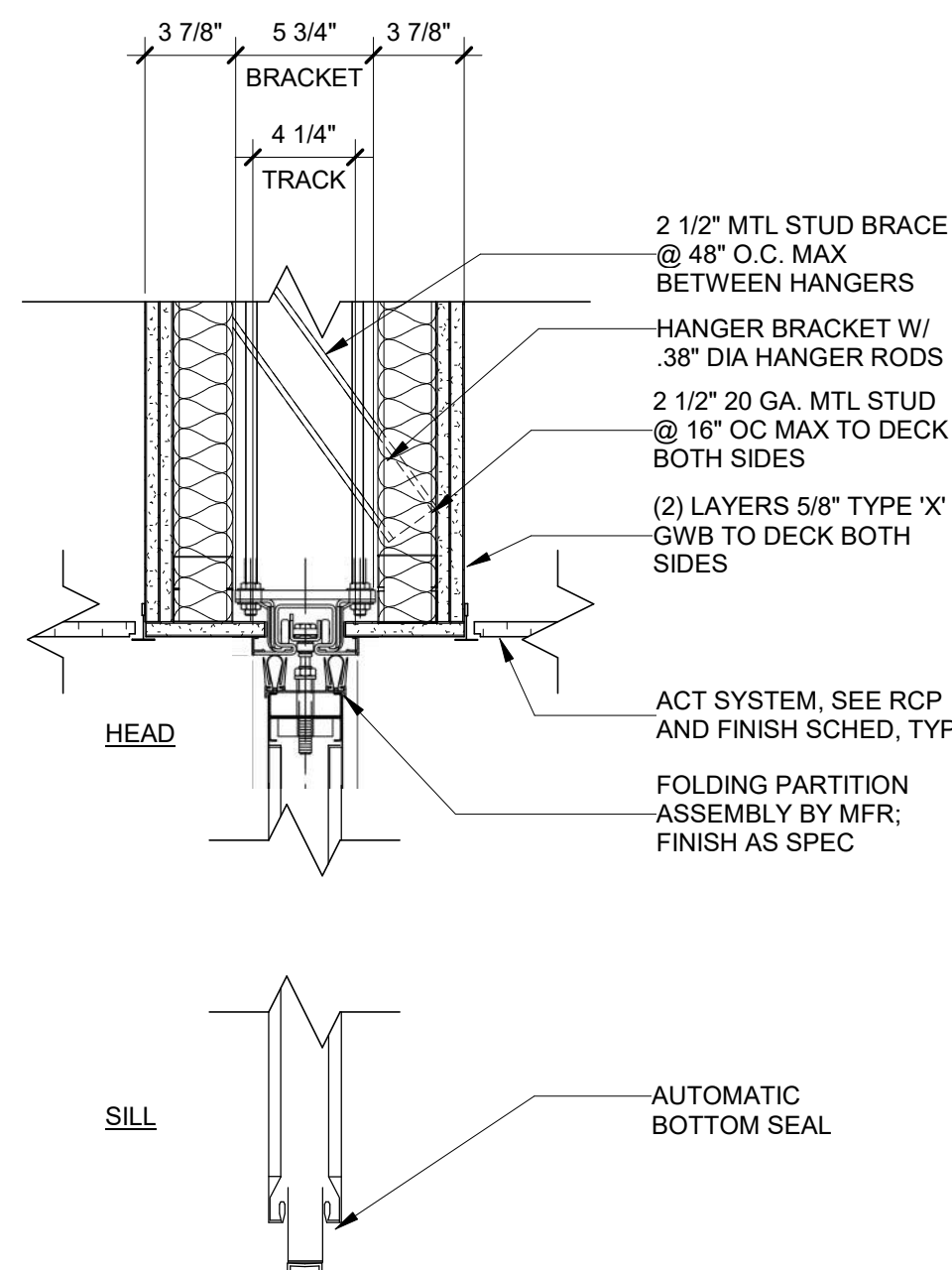
NOTE: CONTRACTOR TO PROVIDE MFR LETTER WARRANTYING WATERPROOFING MEMBRANE FOR USE WITH FLOORING SYSTEM



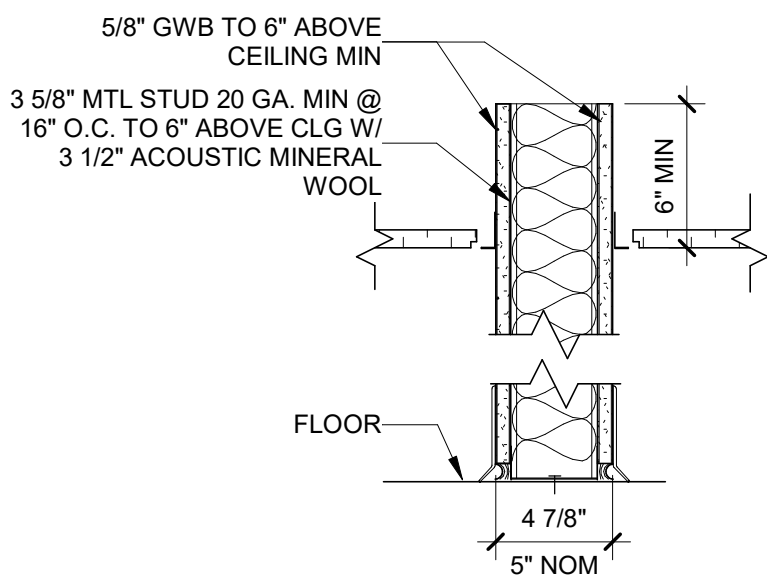
9 SHOWER DRAIN & FLOOR DETAILS
AE501 1 1/2" = 1'-0"



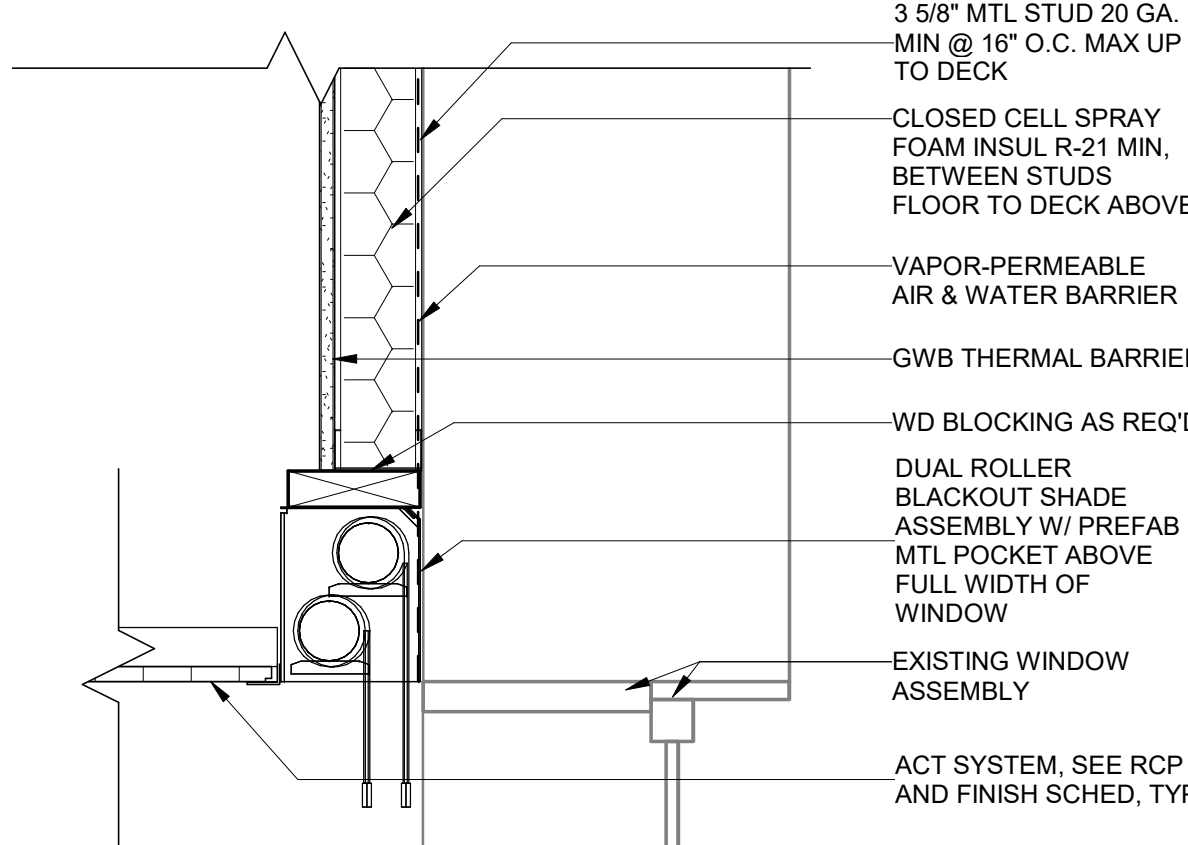
5 EXTERIOR WALL FURRING DETAIL
AE501 1 1/2" = 1'-0"



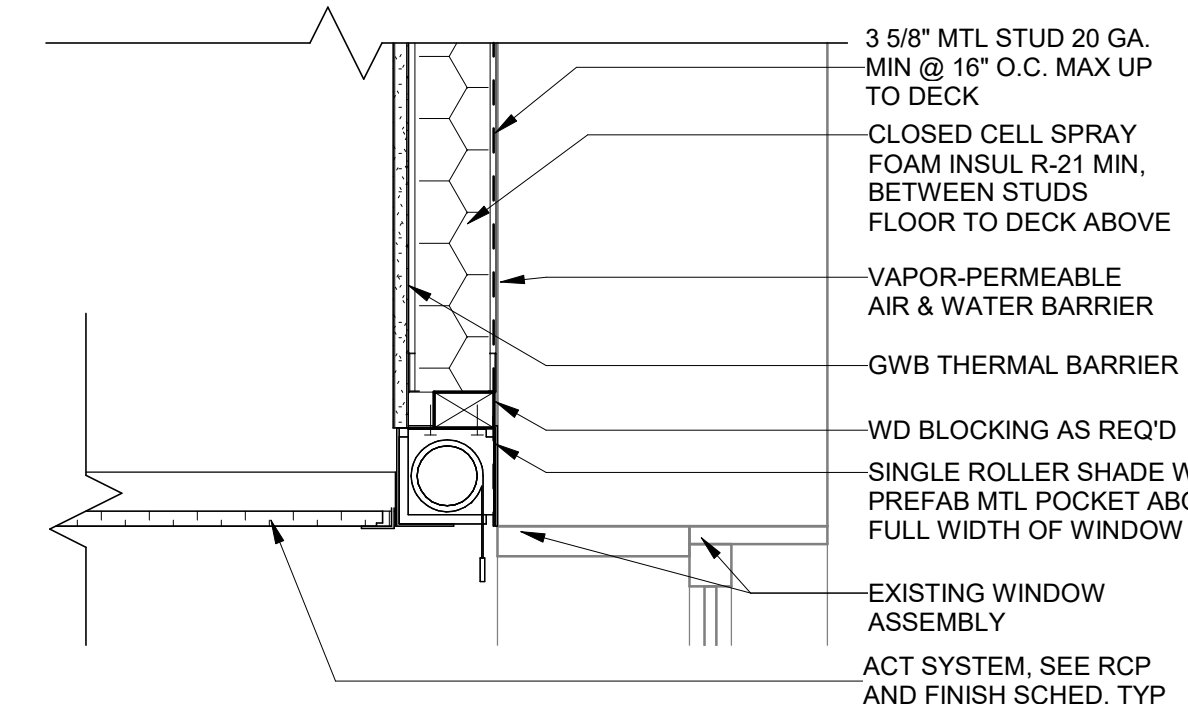
4 FOLDING PARTITION DETAILS
AE501 1 1/2" = 1'-0"



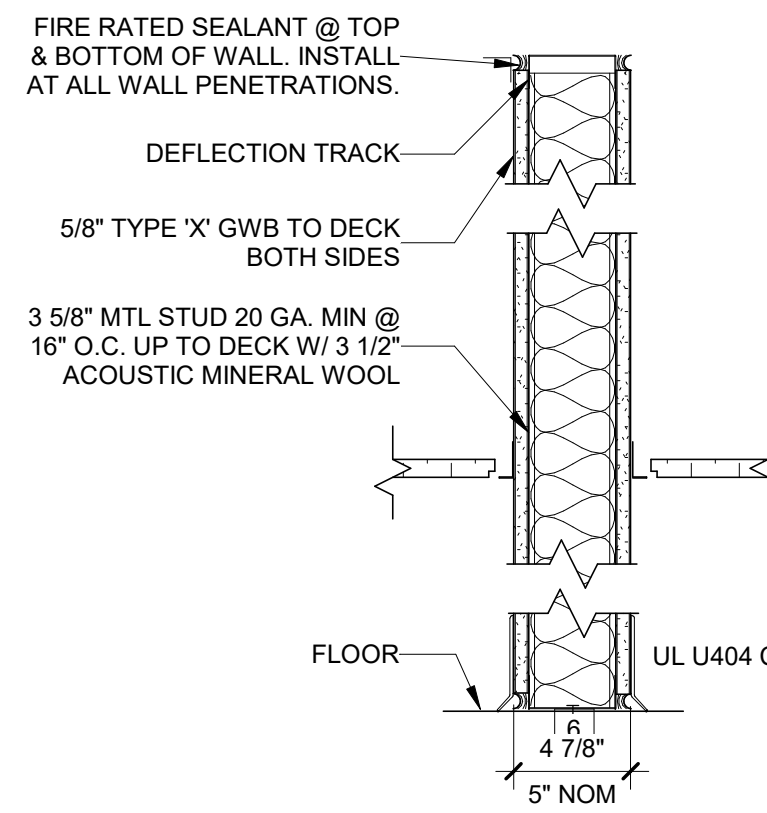
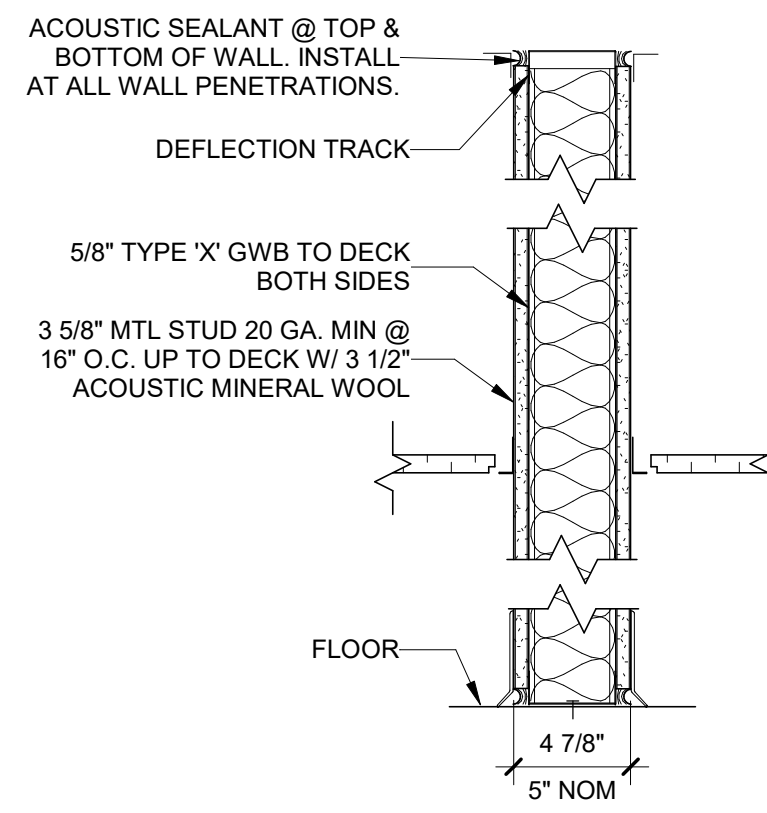
10 PARTITION TYPES
AE501 1 1/2" = 1'-0"



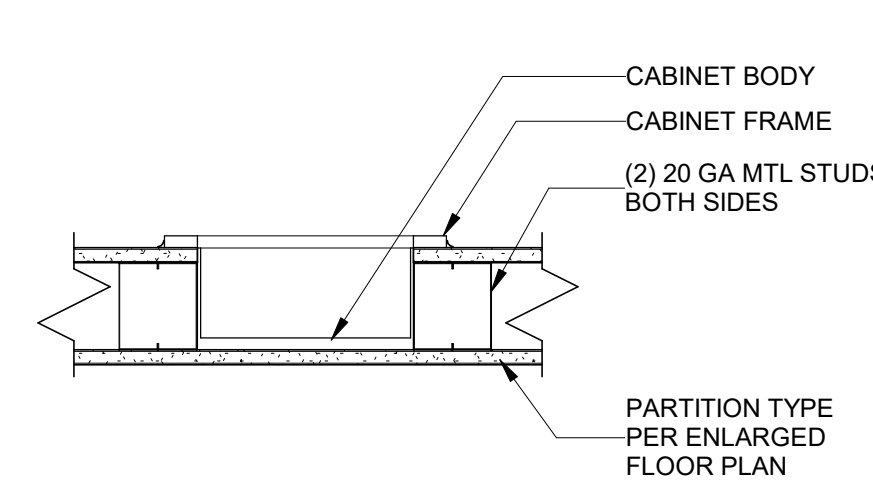
8 DUAL ROLLER SHADE DETAIL
AE501 1 1/2" = 1'-0"



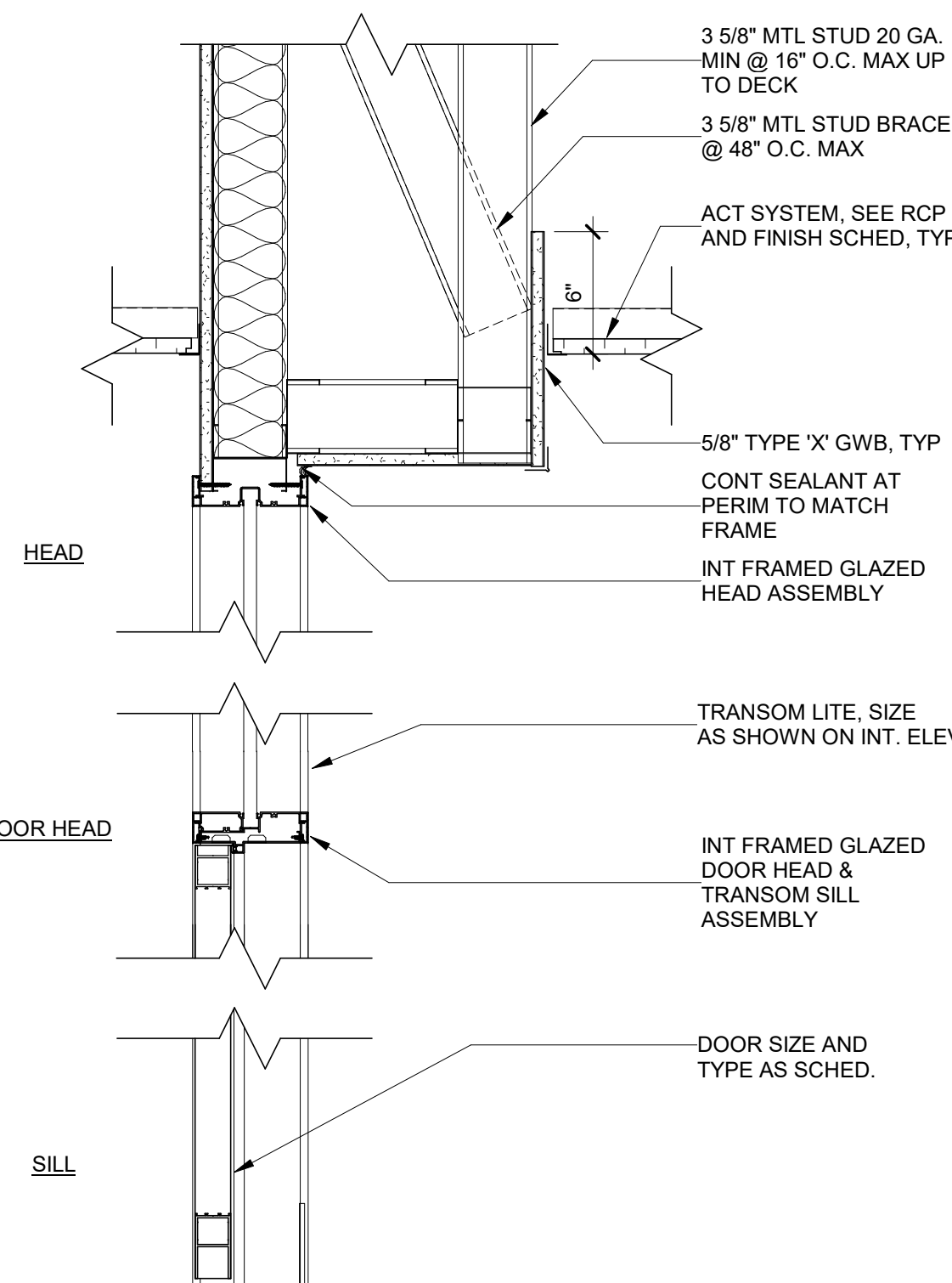
3 ROLLER SHADE DETAIL
AE501 1 1/2" = 1'-0"



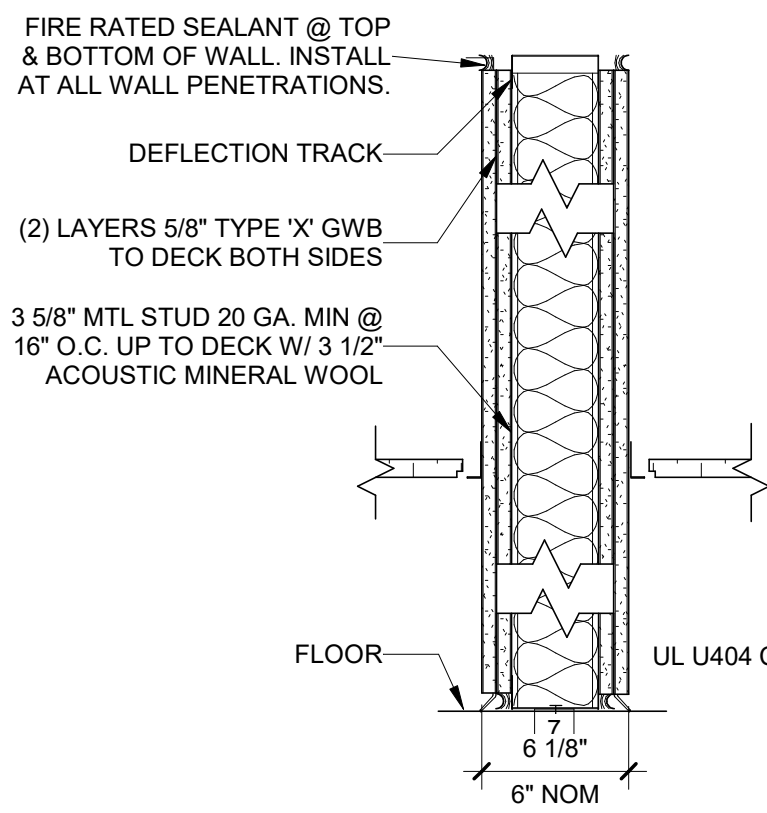
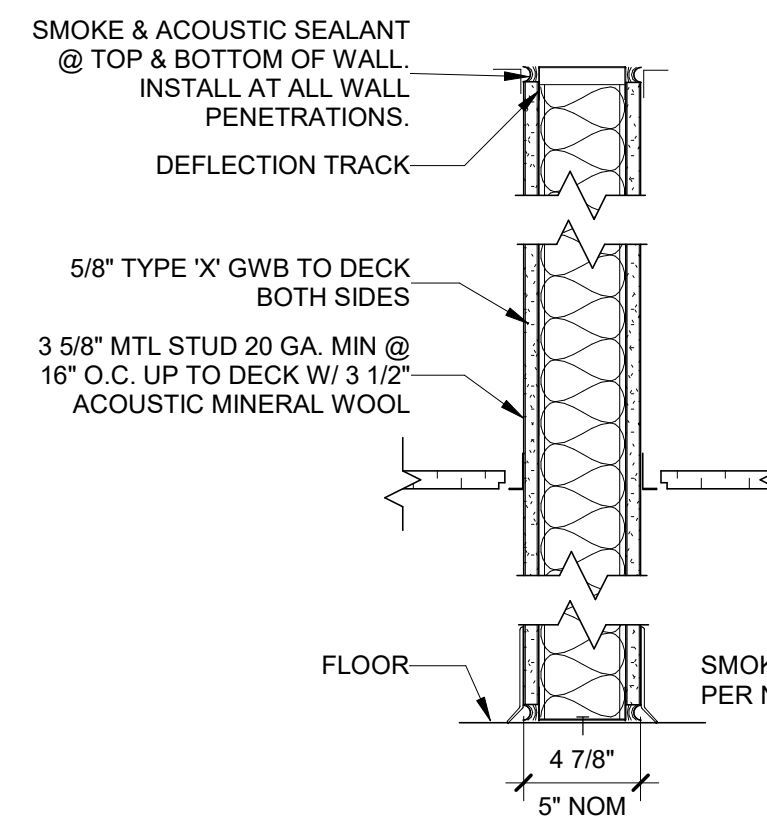
10 PARTITION TYPES
AE501 1 1/2" = 1'-0"



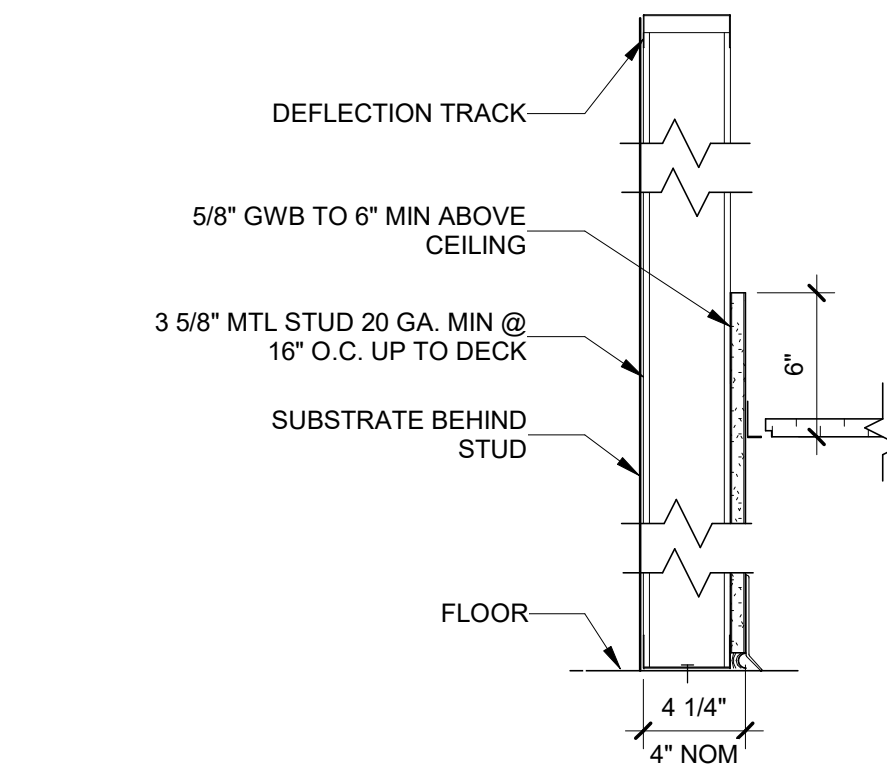
7 FEC MOUNTING DETAIL
AE501 1 1/2" = 1'-0"



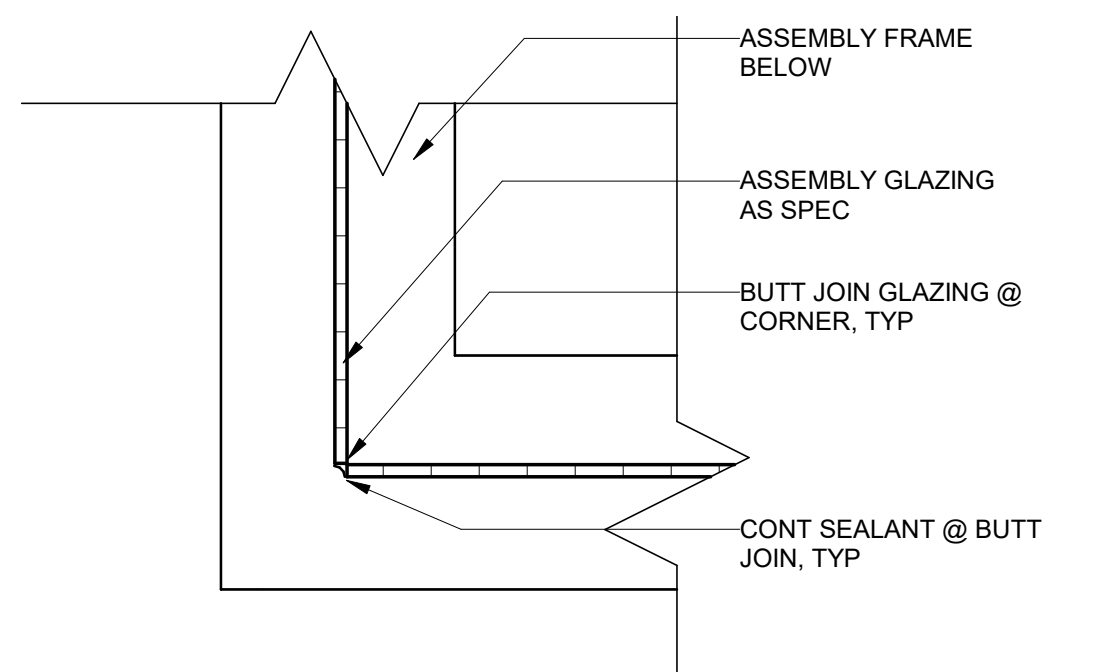
2 FRAMED GLAZED ASSEMBLY @ DOOR
AE501 1 1/2" = 1'-0"



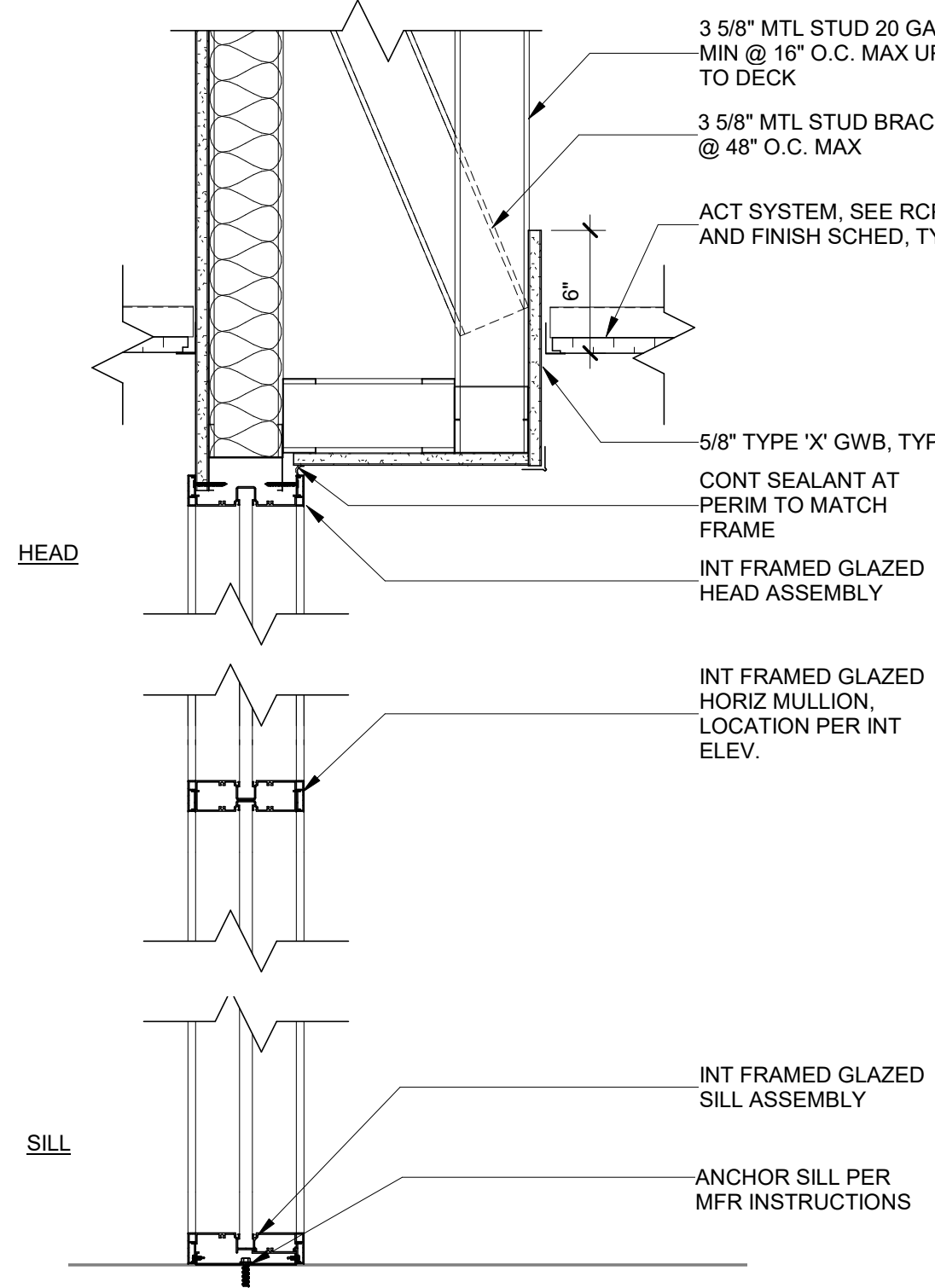
10 PARTITION TYPES
AE501 1 1/2" = 1'-0"



- PARTITION TYPES GENERAL NOTES**
- SEE FINISH SCHEDULE FOR INTERIOR BASE & CEILING TYPES, HEIGHTS & LOCATIONS.
 - SEE LIFE SAFETY PLAN FOR LOCATION AND EXTENT OF ALL SMOKE AND FIRE RATED WALLS.
 - SEE U.L. MANUAL FOR ADDITIONAL REQS AT ALL U.L. LISTED WALLS. ALL PENETRATIONS SHALL BE SEALED TO COMPLY WITH IBC CHAPTER 7.
 - PROVIDE 3/4" ALLOWANCE FOR DEFLECTION OF STRUCTURE ABOVE AT ALL FULL HEIGHT WALLS.
 - MOISTURE-RESISTANT GWB SHALL BE PROVIDED AT ALL WET WALL LOCATIONS.
 - IMPACT-RESISTANCE GWB SHALL BE PROVIDED AT CORRIDOR LOCATIONS, AND OTHER AREAS AS NOTED, UP TO 4'-0" AFF.
 - WHERE WALL FINISH IS SPECIFIED AS TILE, PROVIDE TILE BACKER BOARD IN LIEU OF GWB UP TO HEIGHT OF TILE. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR EXTENT OF TILE FINISH.



6 FRAMED GLAZING PLAN DETAIL
AE501 3" = 1'-0"



1 FRAME GLAZED ASSEMBLY
AE501 1 1/2" = 1'-0"

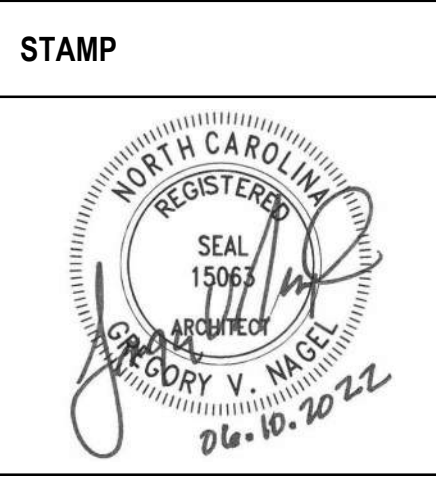
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BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 80%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
NAGEL
architects + engineers
13100 watertown plank road
suite 200
salem, nc 28134, nc 53122
Nagel Architects + Engineers
project number: 19022



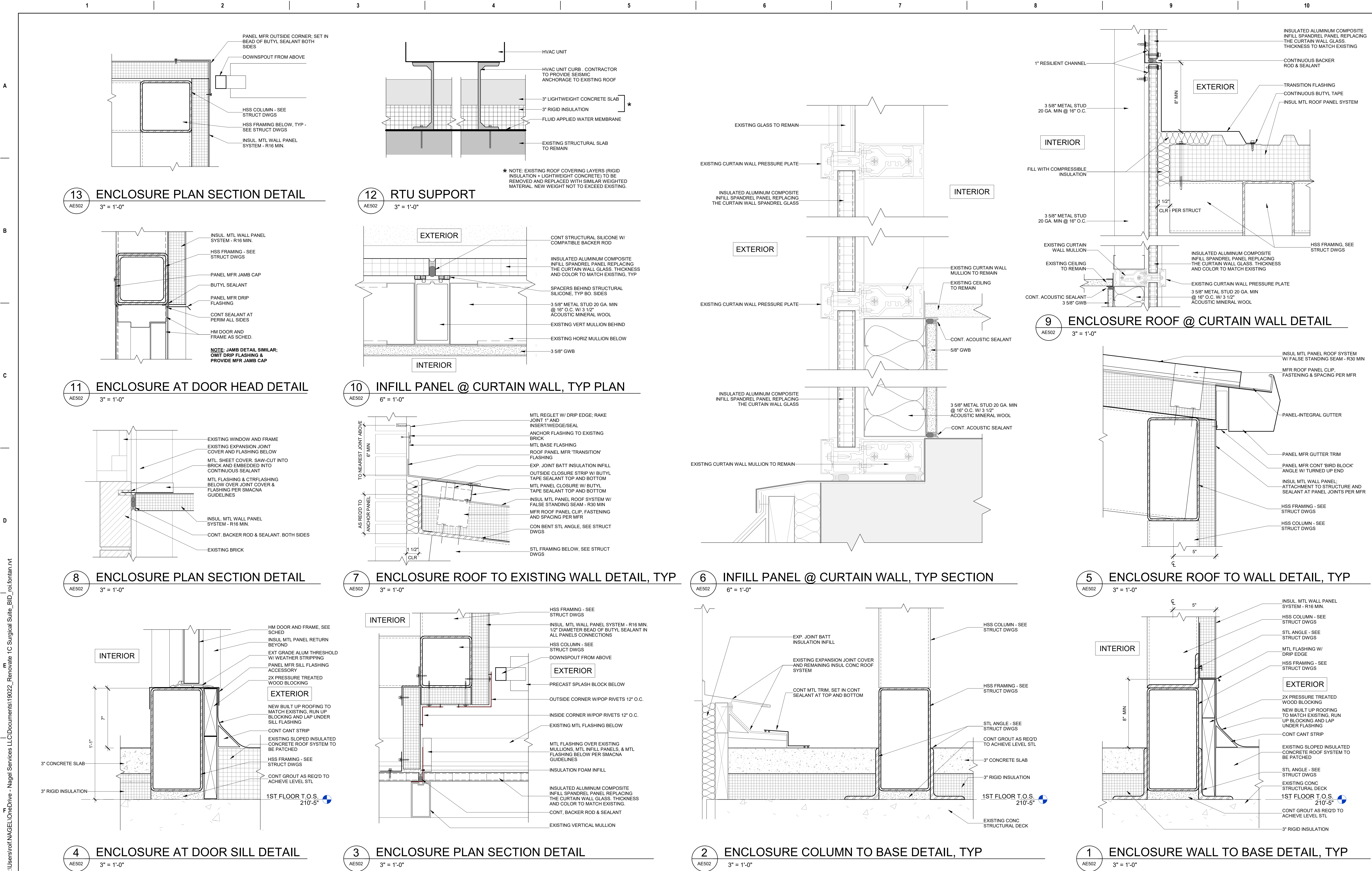
Office of
Construction
and Facilities
Management
VA U.S. Department
of Veterans
Affairs

Drawing Title
PARTITION TYPES AND DETAILS
Approved:

Phase
BID DOCUMENTS
FULLY
SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
10 JUN 2022
Checked
DE
Drawn
TMO

Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
AE501



CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
Consultant:		NAGEL architects + engineers		NORTH CAROLINA REGISTERED SEAL 15063		U.S. Department of Veterans Affairs		AHU ENCLOSURE DETAILS		BID DOCUMENTS		RENOVATE 1C SURGICAL SUITE		565-19-101	
13100 watertown plank road suite 200 elm grove, wi 53122		Nagel Architects + Engineers project number: 19022		6/6-10-2022				Approved:		FULLY SPRINKLERED		Location 2300 RAMSEY ST, FAYETTEVILLE, NC 28301		Building Number BLDG 1	
6/10/2022 11:17:44 AM												Issue Date 10 JUN 2022		Drawing Number AE502	
Revisions:		Date:										Checked DE		Drawn TMO	
BID DOCUMENTS (MOD P00002)		10 JUN 2022													
CONSTRUCTION DOCUMENTS 100% (MOD P00002)		4 MAY 2022													
CONSTRUCTION DOCUMENTS 95% (MOD P00002)		18 JAN 2022													
MOD P00002 PROGRESS SET		10 DEC 2021													
DESIGN DEVELOPMENT 80%		09 APR 2020													
SCHEMATIC DESIGN 30%		28 JAN 2020													
CONCEPTUAL DESIGN 15%		27 NOV 2019													

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BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
<div><div><div></div><div>NAGEL</div><div>architects + engineers</div></div><div>13100 watertown plank road suite 200 elm grove, wi 53122</div><div>Nagel Architects + Engineers project number: 19022</div></div>

STAMP
<div><div><div></div><div>NORTH CAROLINA</div><div>REGISTERED</div><div>SEAL</div><div>15063</div><div>ARCHITECT</div><div>CORRY V. MCEL</div><div>06.10.2022</div></div></div>

Office of Construction and Facilities Management
<div><div>VA</div><div>U.S. Department of Veterans Affairs</div></div>

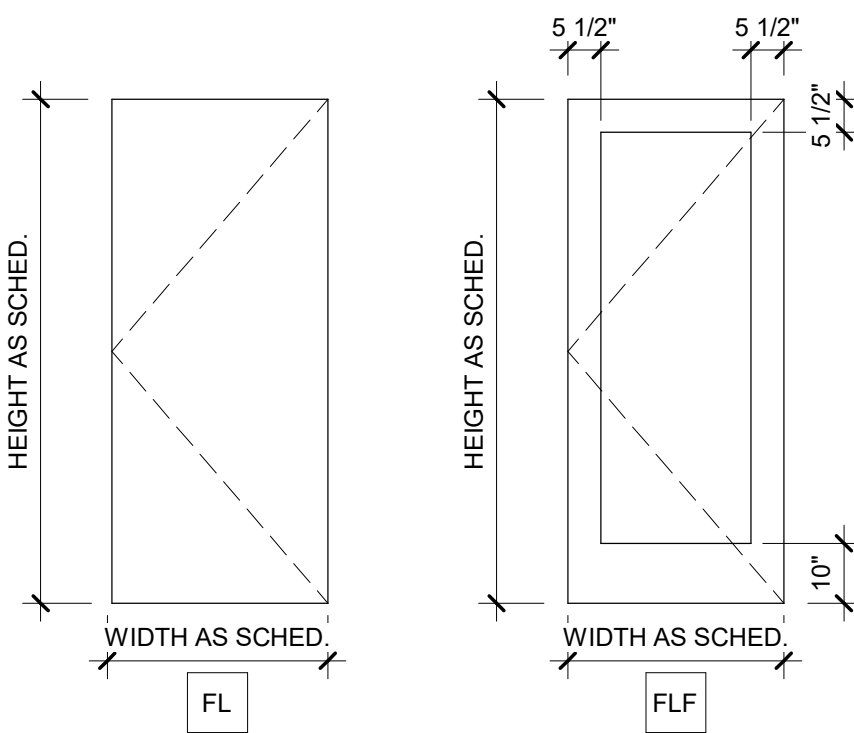
Drawing Title
DOOR SCHEDULE, TYPES, AND DETAILS
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
10 JUN 2022
Checked
DE
Drawn
TMO

Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
AE601

DOOR AND FRAME SCHEDULE																
NO.	ROOM NAME	DOOR			FRAME			ASSEMBLY								
		SIZE	GLAZE	MATL	TYPE	FIN	GLAZE	MATL	TYPE	FIN	DETAIL	FIRE RATING	HARDWARE	REMARKS		
		WID	HGT	THK							HEAD	JAMB	SILL			
107	TLT. STAFF	3'-6"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-4U		CL
108	H.A.C.	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-5D		
109	WAITING	3'-6"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-3E		
110	OFFICE, DEC. AFFAIRS	3'-6"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-3G	DB	
111	TLT. STAFF	3'-6"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-2	CL	
112	EXIST. STAIR	3'-6"	7'-0"	1 3/4"	EXIST	FL	EXIST	EXIST	EXIST	EXIST	P-4			EXIST		
113	OFFICE, SURG. SCHED. SHARED	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3E	
115	OFFICE, SURG. SHARED	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3E	
116	OFFICE, VASOIP NURSE	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3E	
118	OFFICE, SURG SERV. CHIEF	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3G	DB
119	OFFICE, SURG SERV. NURSE CHIEF	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3G	DB
120	OFFICE, ASSIST. CHIEF	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3G	DB
122	OFFICE, JR. ADMIN & PSA	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3G	DB
123	OFFICE, SURG. SHARED	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3E	
124	OFFICE, SURG. SHARED	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3E	
125	OFFICE, SURG. SHARED	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3E	
126	OFFICE, ANESTH. SHARED	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-3E		
127	MECHANICAL	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-11C	CL	
128	OFFICE, RES. SHARED	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-3E		
129	OFFICE, NURSE O.R. EDU.	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-3G	DB	
131	ON-CALL ROOM	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		SMOKE	CL, CR, DB, EL	
132A	TLT / SHOWER	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-2G	CL, DB	
132B	TLT / SHOWER	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-2G	CL, DB	
133	ON-CALL ROOM	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		SMOKE	CL, CR, DB, EL	
134	ON-CALL LOUNGE	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		45 MIN SMOKE	CL, CR, EL, DPS	
135	ON-CALL ROOM	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		SMOKE	CL, CR, DB, EL	
136A	TLT / SHOWER	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-2G	CL, DB	
136B	TLT / SHOWER	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-2G	CL, DB	
137	ON-CALL ROOM	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		SMOKE	CL, CR, DB, EL	
138	OFFICE, MED SERV. CHIEF	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3G	DB
141	OFFICE, MED ASSIST. CHIEF	3'-0"	7'-0"	1 3/4"	WD	FLF	S&V	TG-1	ALUM		ANOD	3/AE501	6/AE501		HW-3G	DB
142	IT/DATA	3'-6"	7'-0"	1 3/4"	EXIST	FL	EXIST	EXIST	EXIST	EXIST	P-4			HW-6G	CL, DB	
143	ELEC	2'-6"	7'-0"	1 3/4"	EXIST	FL	EXIST	EXIST	EXIST	EXIST	P-4			HW-5D		
144	ELEC	3'-6"	7'-0"	1 3/4"	EXIST	FL	EXIST	EXIST	EXIST	EXIST	P-4			HW-5D		
145	CONFERENCE	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-4J	CL, DB	
145A	CONFERENCE	3'-6"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-4J	CL, DB	
146	TLT. STAFF	3'-6"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601		HW-4U	CL	
1300	MAIN CORR.	6'-4"	7'-0"	1 3/4"	WD	FL	RV	-	HM	2	P-4	2/AE601		90 MIN	HW-12C	(2) EQ DOORS; CL, MHO
1310	SURG. ADMIN CORR.	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601			HW-SH-4	CL, CR, EL, REX, DPS
1320	MAIN CORR.	3'-0"	7'-0"	1 3/4"	WD	FL	RV	-	HM	1	P-4	1/AE601			HW-SH-4	CL, CR, EL, REX, DPS
AHU-1		6'-0"	7'-0"	1 3/4"	HM	FL	P-4	-	HM	1	P-4				HW-E8	(2) EQ DOORS; CL



3 DOOR TYPES

AE601 3/8" = 1'-0"

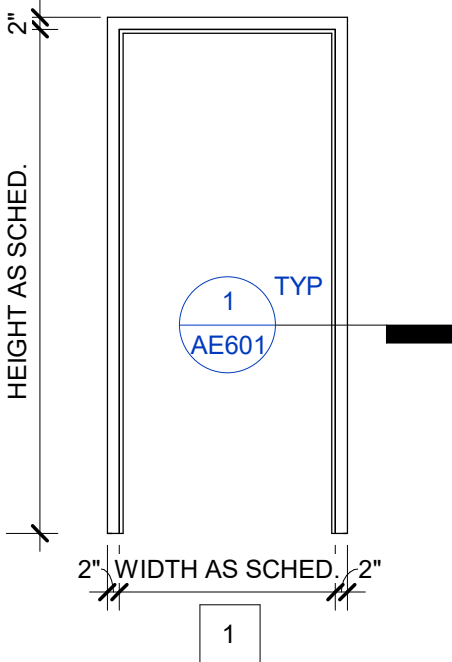
DOOR SCHEDULE ABBREVIATION LIST

ALUM	ALUMINUM
ALG	SEE DOOR TYPES
ANOD	ANODIZED
EXIST	EXISTING
FL	FLUSH
FLG	FLUSH W/ GLASS - SEE DOOR TYPES
FLH	FLUSH W/ HALF LITE - SEE DOOR TYPES
FLF	FLUSH W/ FULL LITE - SEE DOOR TYPES
GL	GLASS
HT	HEIGHT
HDWR	HARDWARE
HM	HOLLOW METAL
HR	HOUR
IHM	INSULATED HOLLOW METAL DOOR
MTL	MATERIAL
OH	OVERHEAD
PF	PREFINISHED
P-#	PAINT TYPE #
RV	RIGID SHEET VINYL
SL	SLIDING - SEE DOOR TYPES
SLG	SLIDING W/ GLASS - SEE DOOR TYPES
S&V	STAIN & VARNISH
TG	TEMPERED GLASS - SEE GLAZING SPEC.
THK	THICKNESS
UNO	UNLESS NOTED OTHERWISE
VP	VISION PANEL
WD	SOLID CORE WOOD

DOOR HARDWARE ABBREVIATION LIST

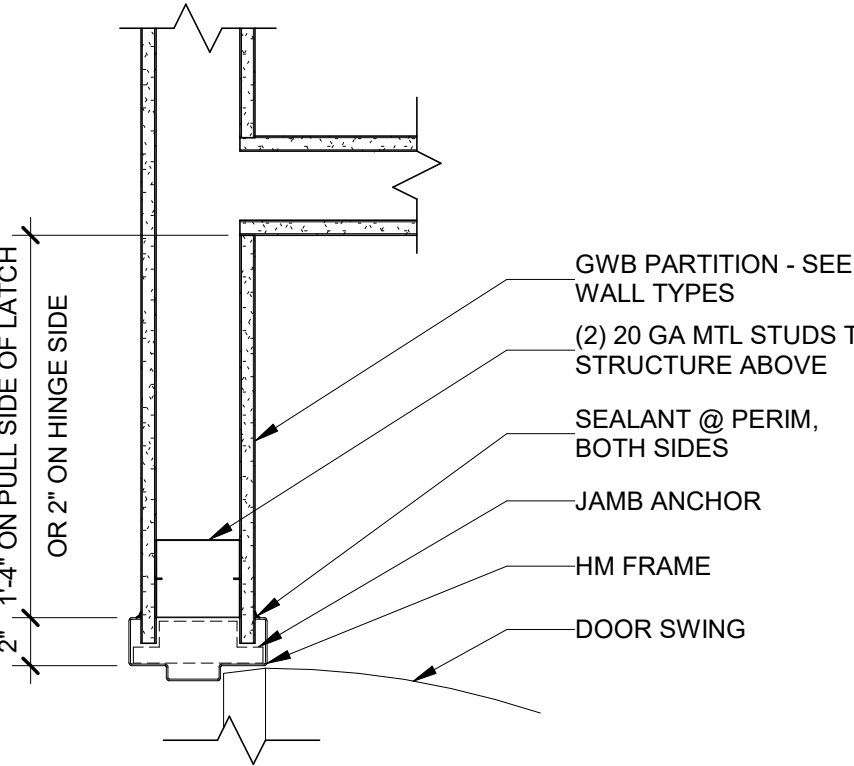
ADO	AUTOMATIC DOOR OPENER
CR	ACCESS CONTROL CARD READER
CL	CLOSER
DB	AUTOMATIC DOOR BOTTOM
DEML	DELAYED EGRESS MAGNETIC LOCK
DEPH	DELAYED EGRESS PANIC EXIT DEVICE
DPS	DOOR POSITION SWITCH
EL	ELECTRIC LOCK/ELECTRIC LEVER EXIT DEVICE
ELR	ELECTRIC LATCH RETRACTION EXIT DEVICE
KP	ACCESS CONTROL KEYPAD
MHO	MAGNETIC HOLD-OPEN
PB	PUSH-BUTTON LOCK, STAND-ALONE
REX	REQUEST-TO-EXIT SWITCH, IN LATCHING DEVICE
	INSIDE TRIM

COORDINATE ALL DOOR HARDWARE WITH SPECIFICATION 08 71 00 AND ELECTRICAL AND TECHNOLOGY DRAWINGS AND SPECIFICATIONS.



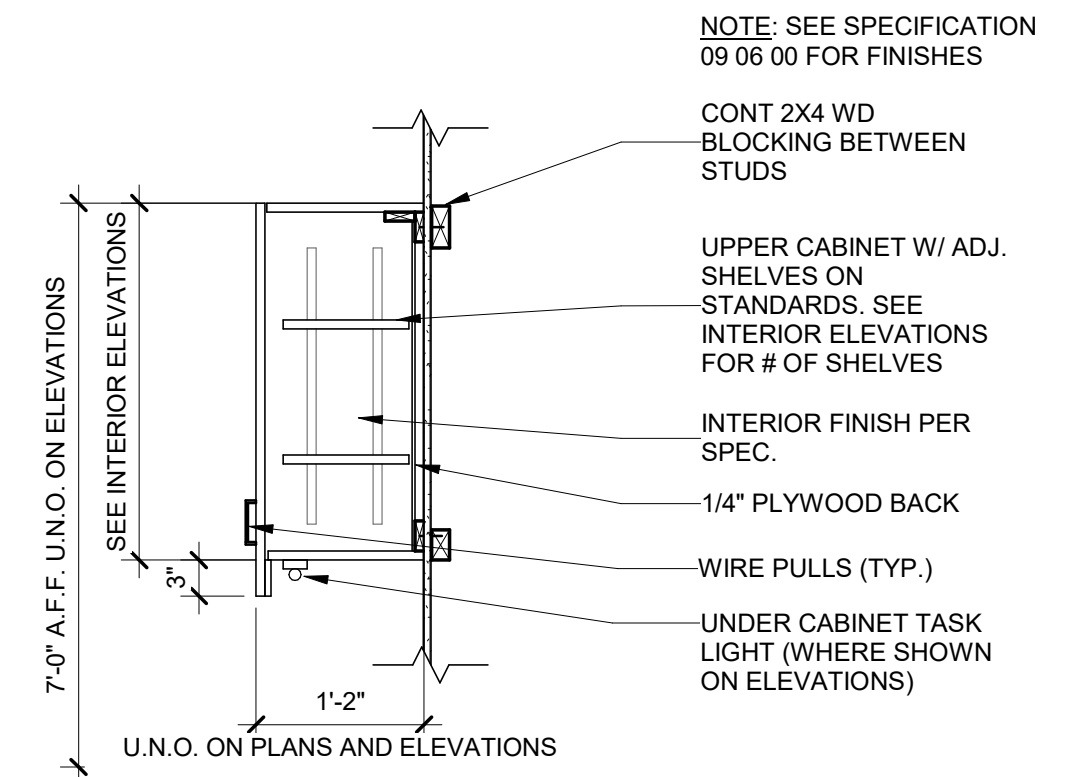
2 FRAME TYPES

AE601 3/8" = 1'-0"

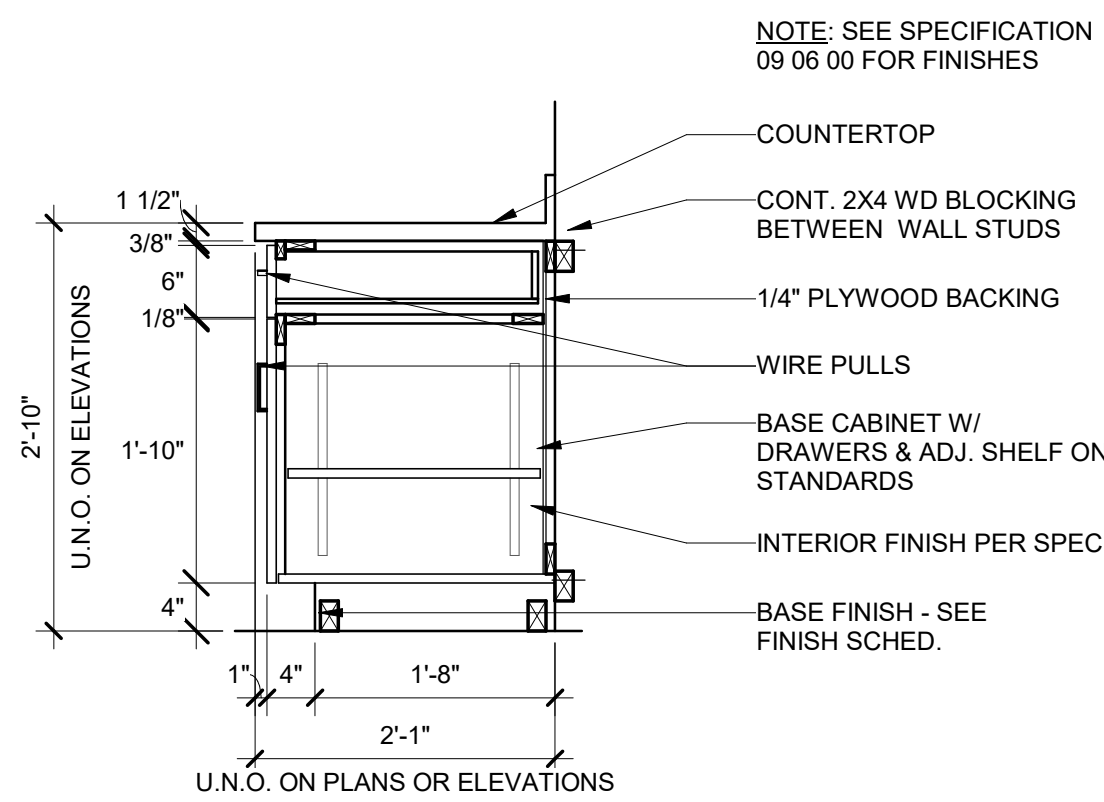


1 TYP. HM DOOR FRAME

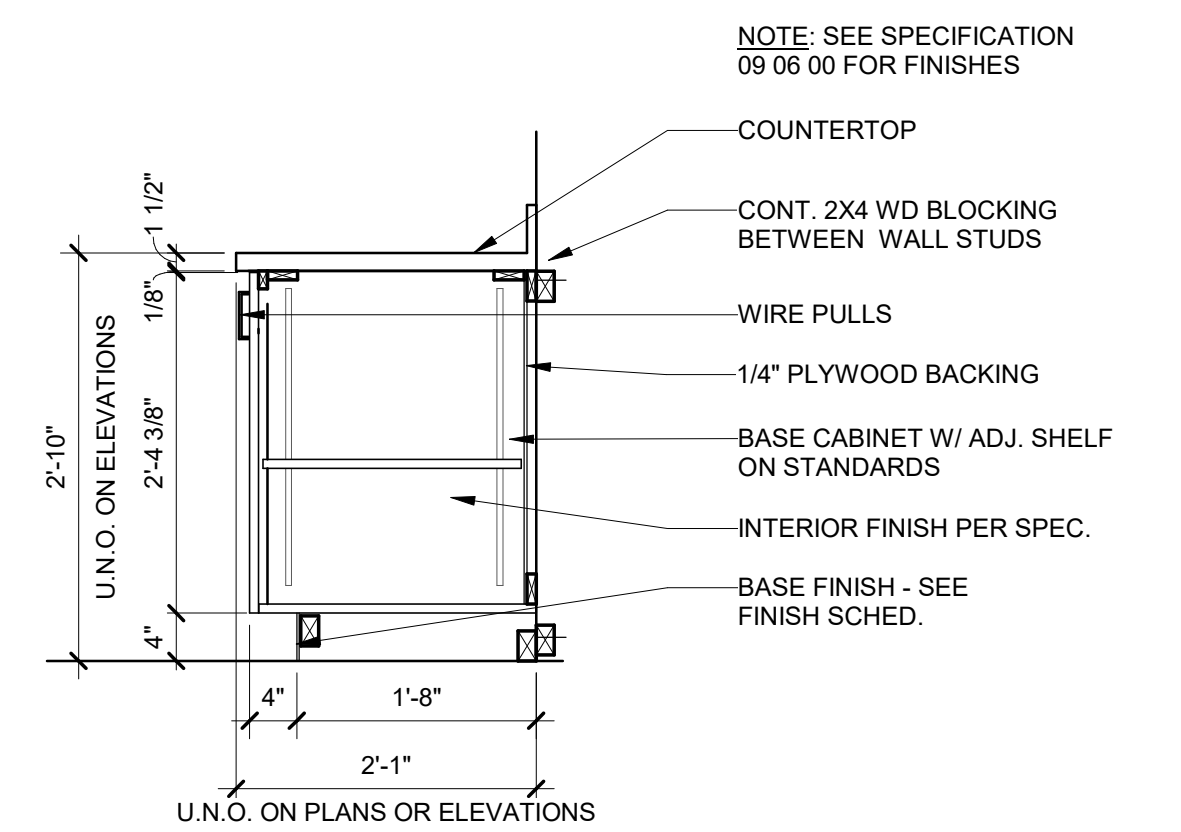
AE601 1 1/2" = 1'-0"



4 TYP. UPPER CABINET W/ LIGHT
AE701 3/4" = 1'-0"



2 TYP. BASE CABINET W/ DRAWER
AE701 3/4" = 1'-0"



1 TYP. BASE CABINET
AE701 3/4" = 1'-0"

CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title TYPICAL DETAILS		Phase BID DOCUMENTS		Project Title RENOVATE 1C SURGICAL SUITE		Project Number 565-19-101					
Consultant:		<div><div><div></div><div>NAGEL</div><div>architects + engineers</div><div>13100 watertown plank road suite 200 eden grove, wi 53122</div><div>Nagel Architects + Engineers project number: 19022</div></div></div>		<div><div><div>NORTH CAROLINA REGISTERED SEAL 15085 D. V. WAGG 06-10-2022</div></div></div>		VA U.S. Department of Veterans Affairs		Approved:		FULLY SPRINKLERED		Location 2300 RAMSEY ST, FAYETTEVILLE, NC 28301		Building Number BLDG 1					
										Drawing Number		Issue Date 10 JUN 2022		Checked DE		Drawn TMO		AE701	

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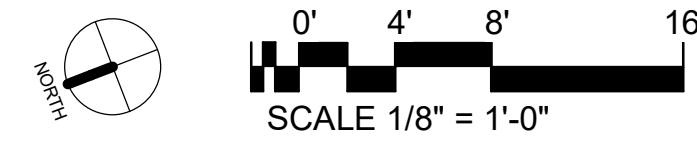
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VA FORM 08 - 6231



1 PARTIAL FIRST FLOOR PLAN - 1C, REFLECTED CLG
1/8" = 1'-0"



GENERAL NOTES: REFLECTED CEILING PLAN

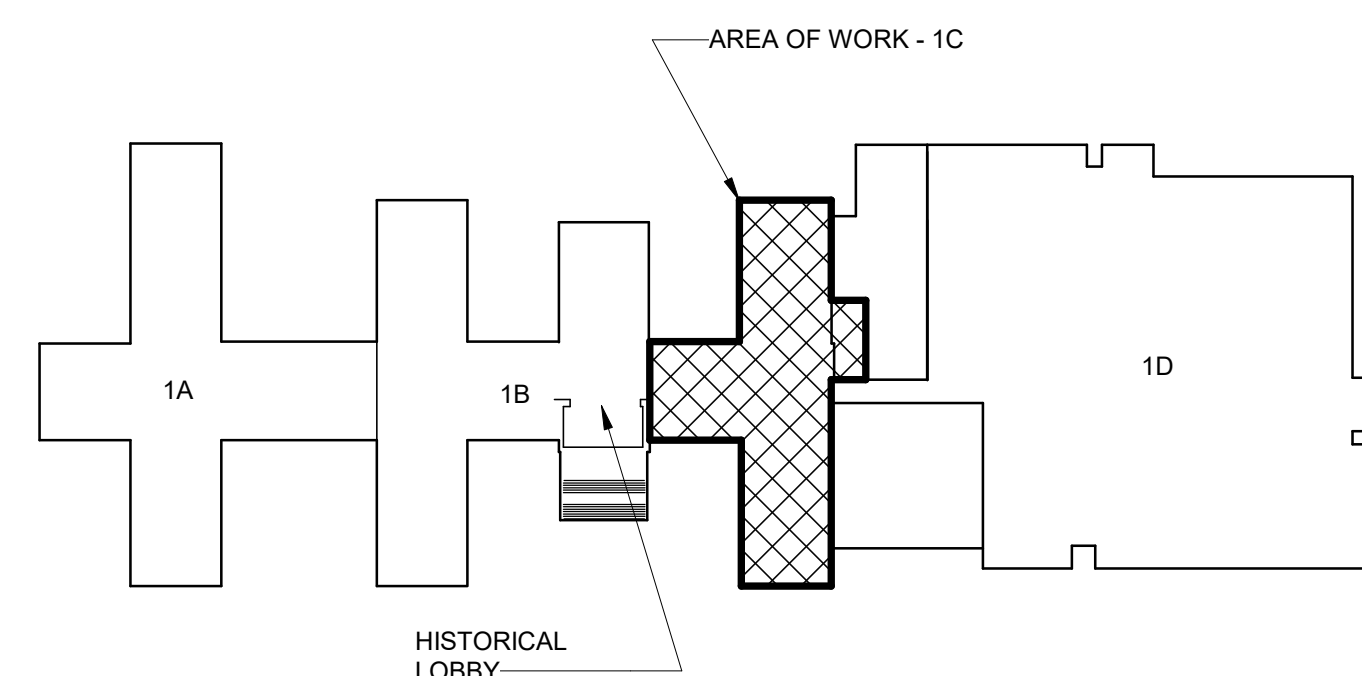
- ALL CEILINGS TO BE 8'-8" AFF U.N.O.
- BOTTOM OF ALL BULKHEADS TO BE 4" BELOW LOWEST ADJACENT CEILING U.N.O.
- ALL MECHANICAL AND ELECTRICAL ITEMS SHOWN ARE FOR REFERENCE AND COORDINATION PURPOSES ONLY. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- X#### INDICATES EQUIPMENT. SEE SHEET AQ601 FOR ADDITIONAL INFORMATION.

LEGEND: RCP

- 2X4 LIGHTING FIXTURE
- 2X2 LIGHTING FIXTURE
- RECESSED DOWN LIGHT
- PENDANT LIGHT - MOUNT 5'-6" AFF U.N.O.
- WALL LAMP - MOUNT 4'-0" AFF TO SWITCH
- STRIP LIGHT - SEE ELEC DWGS
- ACOUSTICAL CEILING TILE SYSTEM
- GYP BD CEILING AND/OR SOFFIT AT HEIGHT INDICATED
- CEILING ACCESS PANEL - COORD LOCATION W/ ABOVE CLG MEP
- SUPPLY DIFFUSER - SEE MECH DWGS
- RETURN GRILLE - SEE MECH DWGS
- EXHAUST GRILLE - SEE MECH DWGS
- 10'-0" CEILING HEIGHT AS INDICATED
- EXIT SIGN - SEE ELEC LIGHTING PLAN - VERIFY FINAL QTY & LOCATION W/ AHJ

KEYNOTES - RCP

- SINGLE ROLLER BLACKOUT SHADE W/ PREFAB MTL POCKET ABOVE FULL WIDTH OF WINDOW
- SINGLE ROLLER SHADE W/ PREFAB MTL POCKET ABOVE FULL WIDTH OF WINDOW
- DUAL ROLLER BLACKOUT SHADE W/ PREFAB MTL POCKET ABOVE FULL WIDTH OF WINDOW



KEY PLAN - BLDG 1
NTS

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
NAGEL architects + engineers 13100 watertown plank road suite 200 atm arkov, wi 53122 Nagel Architects + Engineers project number: 19022

STAMP
REGISTERED NORTH CAROLINA SEAL 15063 CORRY V. NAGEL 06.10.2022

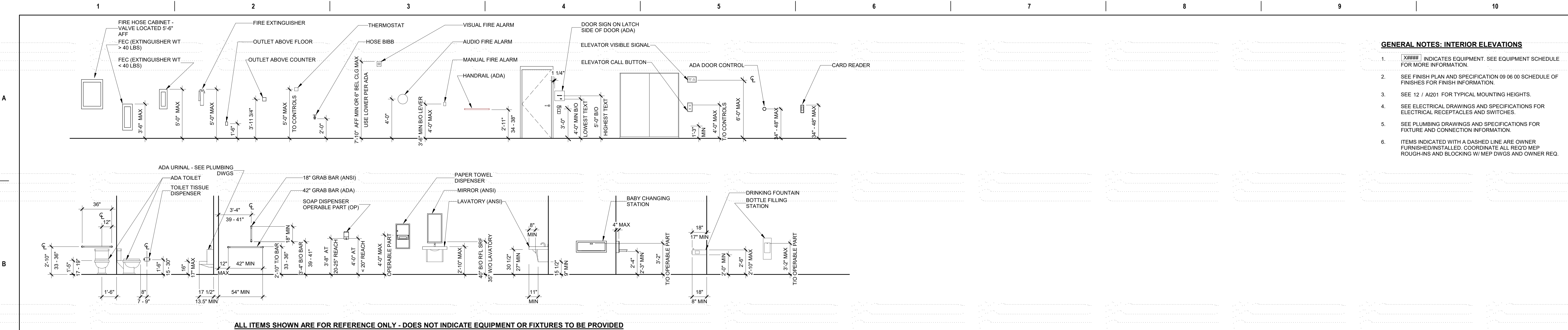
Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs
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Drawing Title
PARTIAL FIRST FLOOR PLAN - 1C, REFLECTED CEILING
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

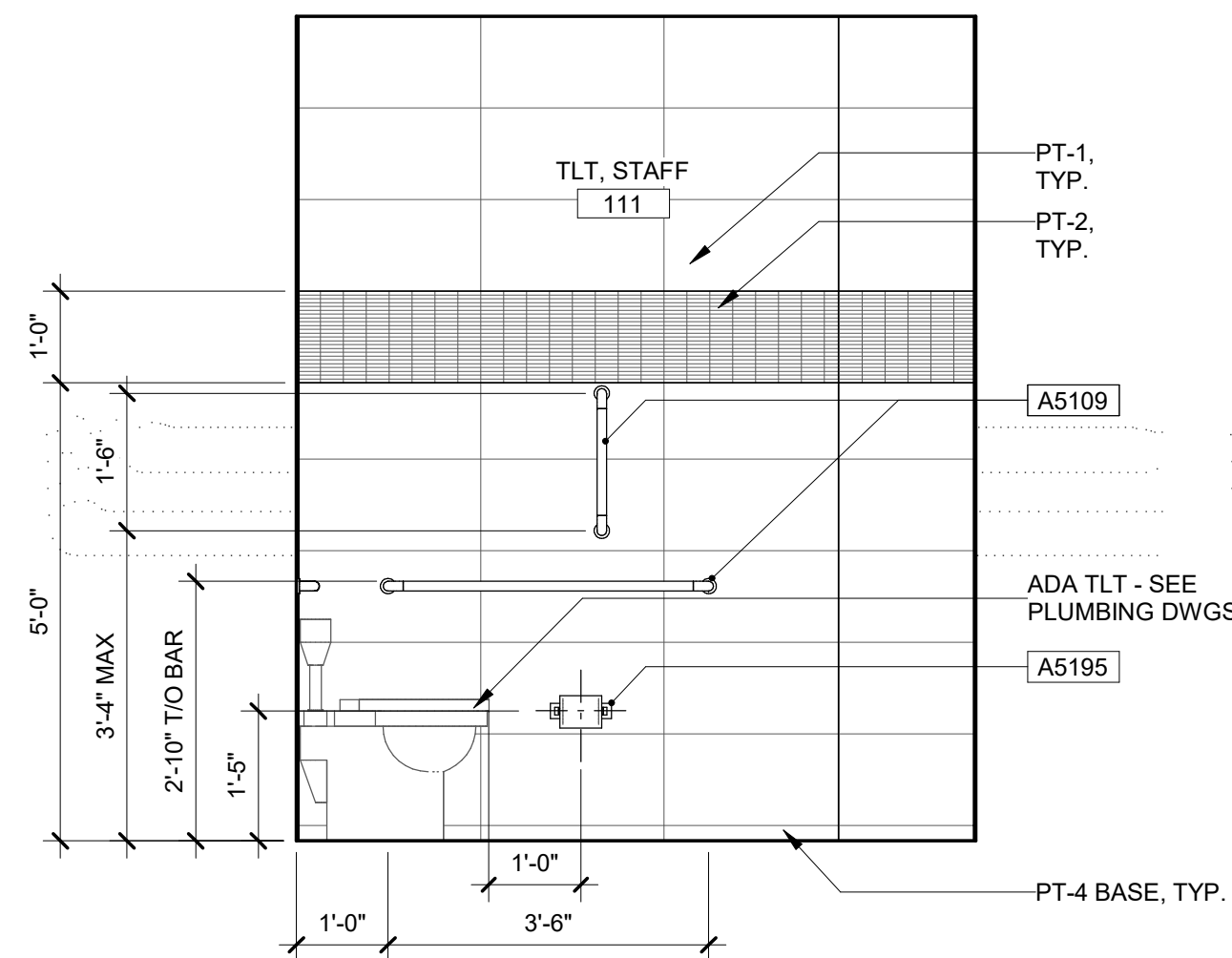
Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
10 JUN 2022
Checked
DE
Drawn
TMO

Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
AC101



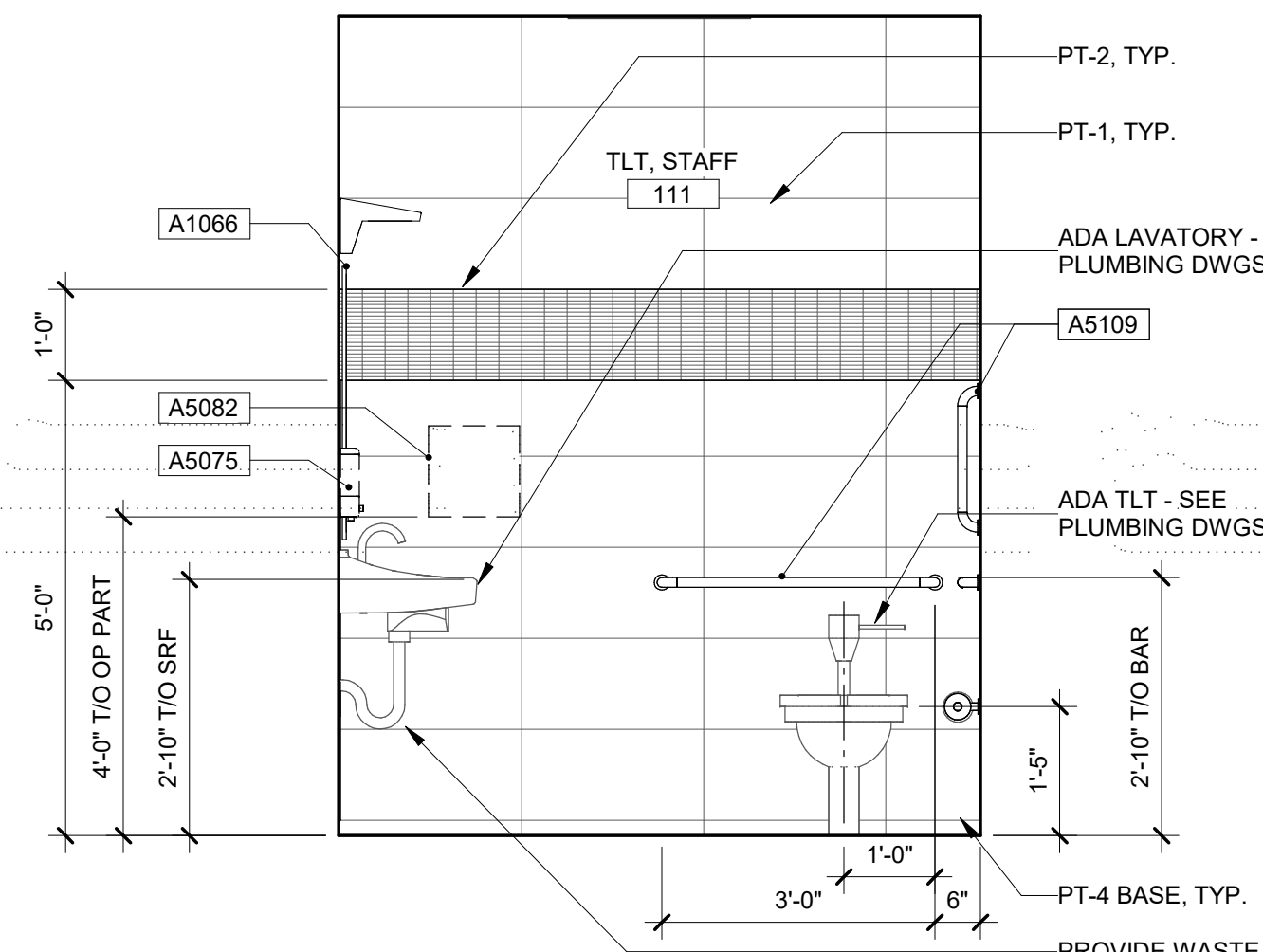
12 MOUNTING HEIGHTS

AI201 1/4" = 1'-0"



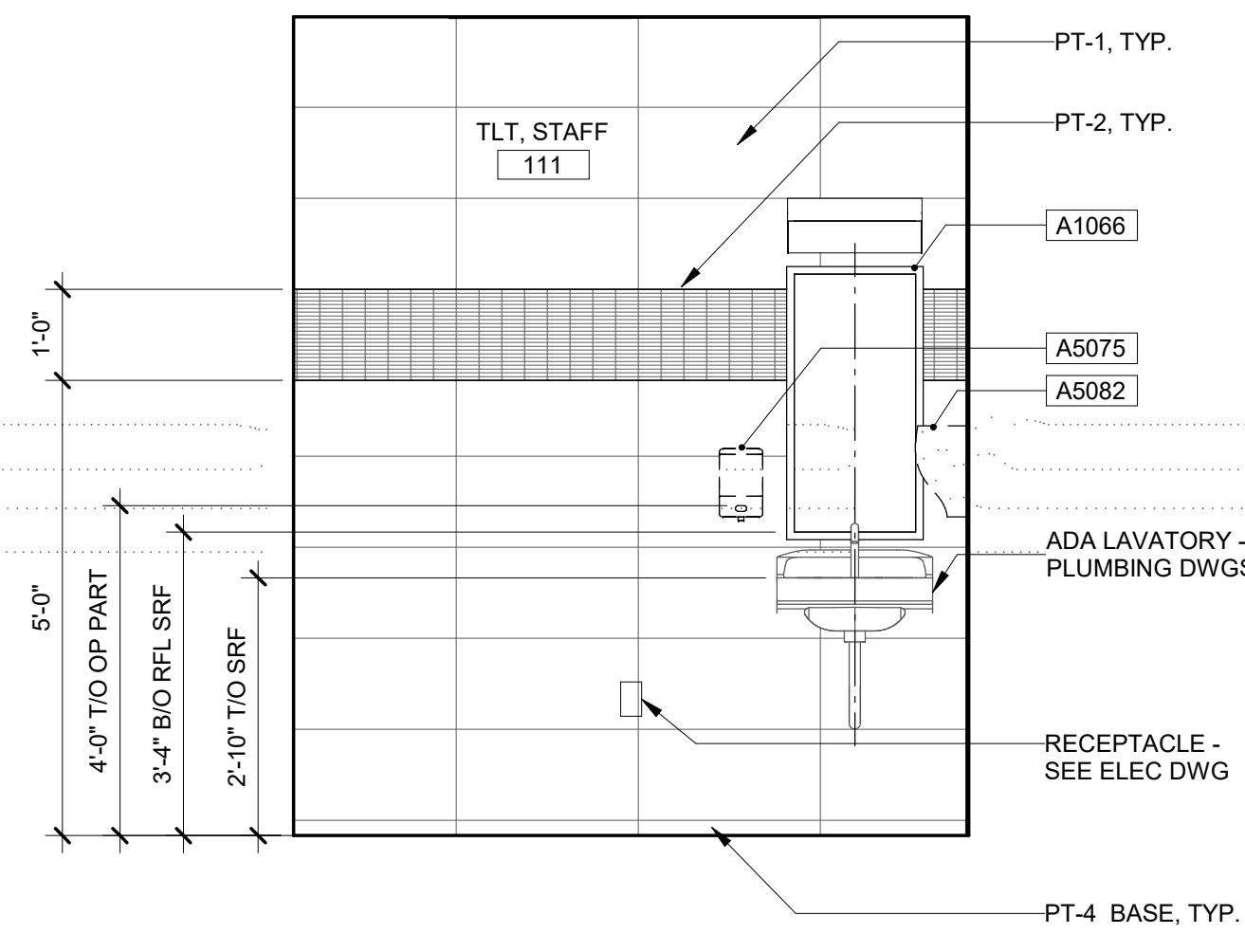
6 TLT/111, SOUTH

AI201 1/2" = 1'-0"



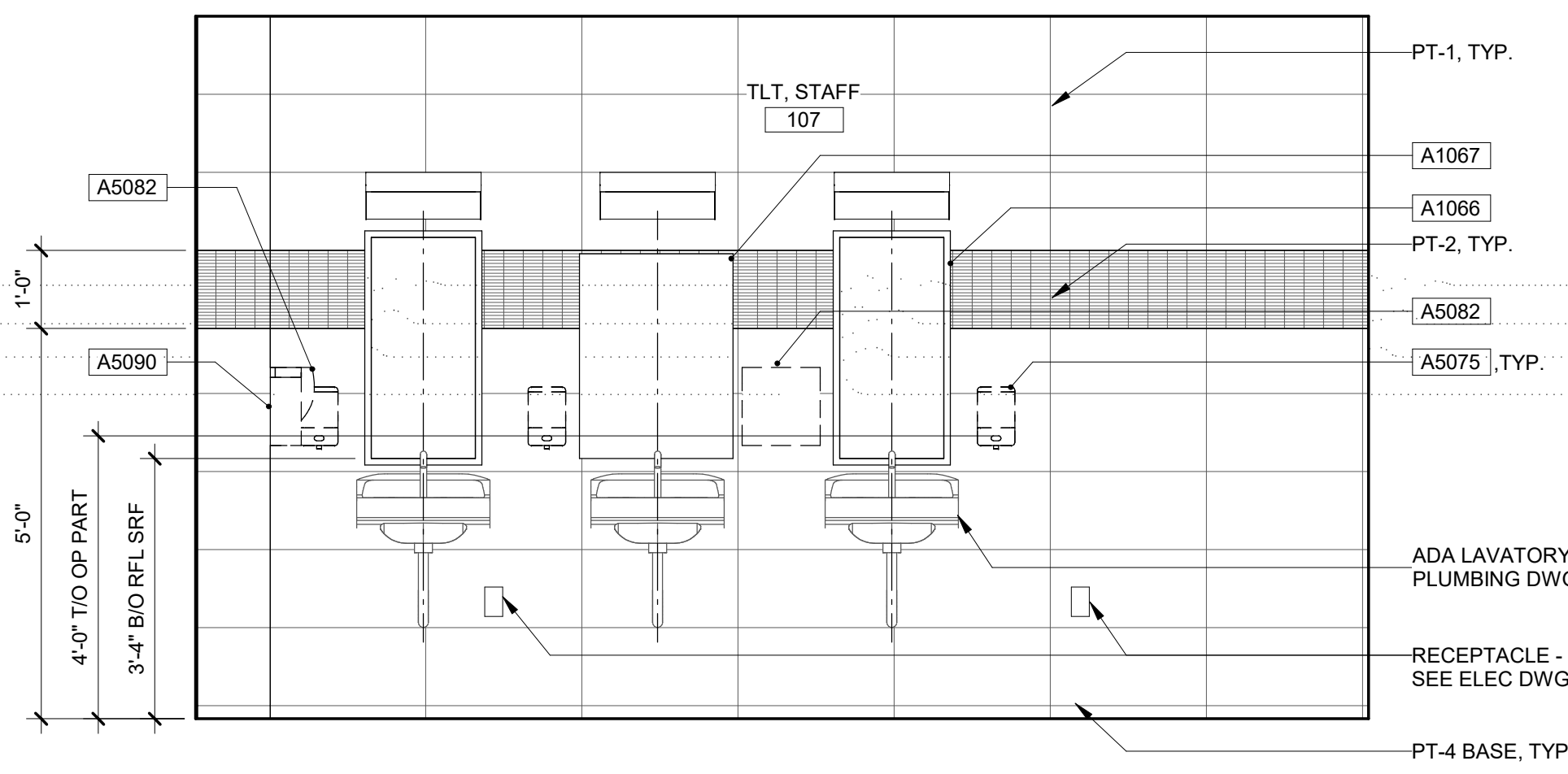
5 TLT/111, EAST

AI201 1/2" = 1'-0"



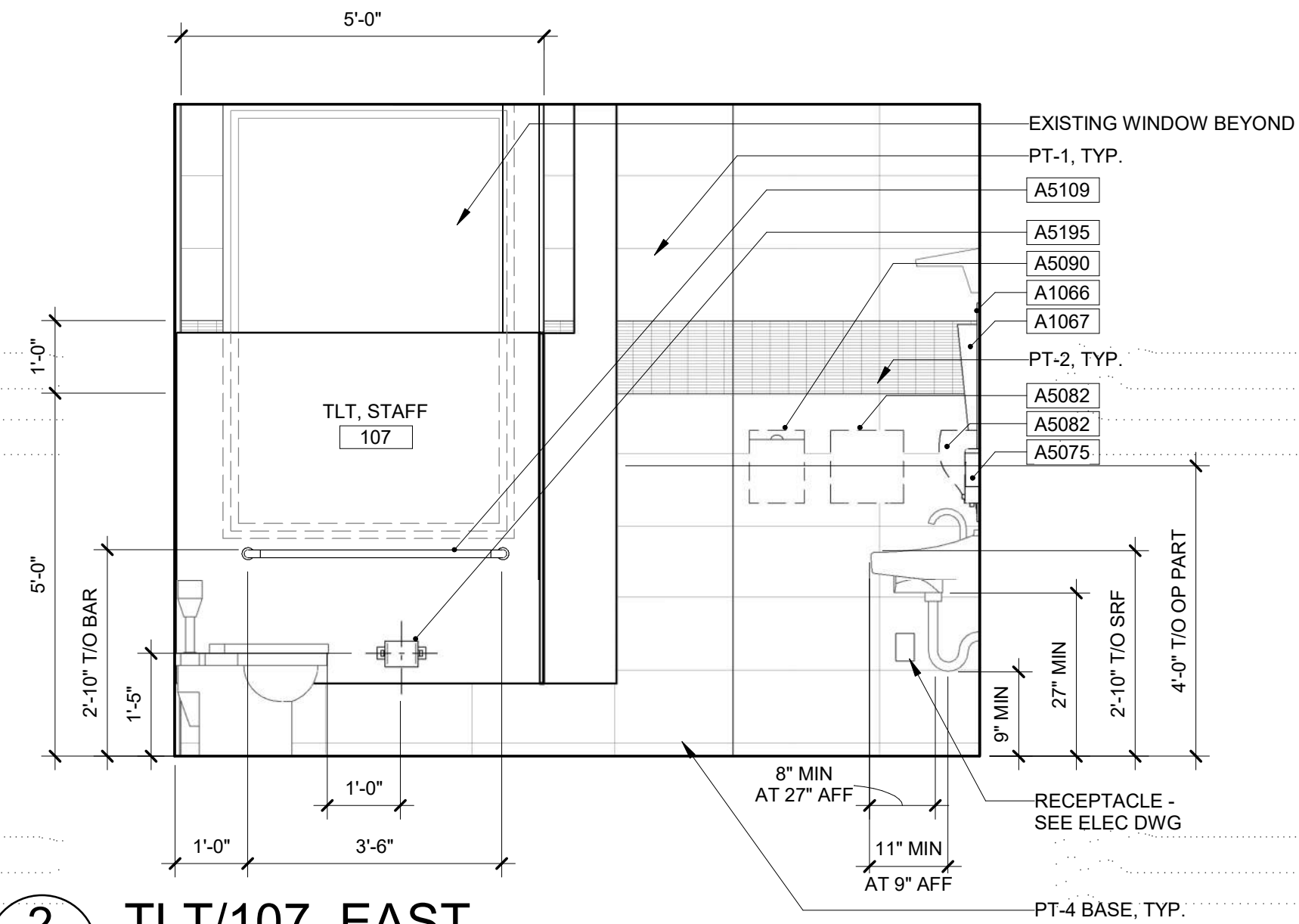
4 TLT/111, NORTH

AI201 1/2" = 1'-0"



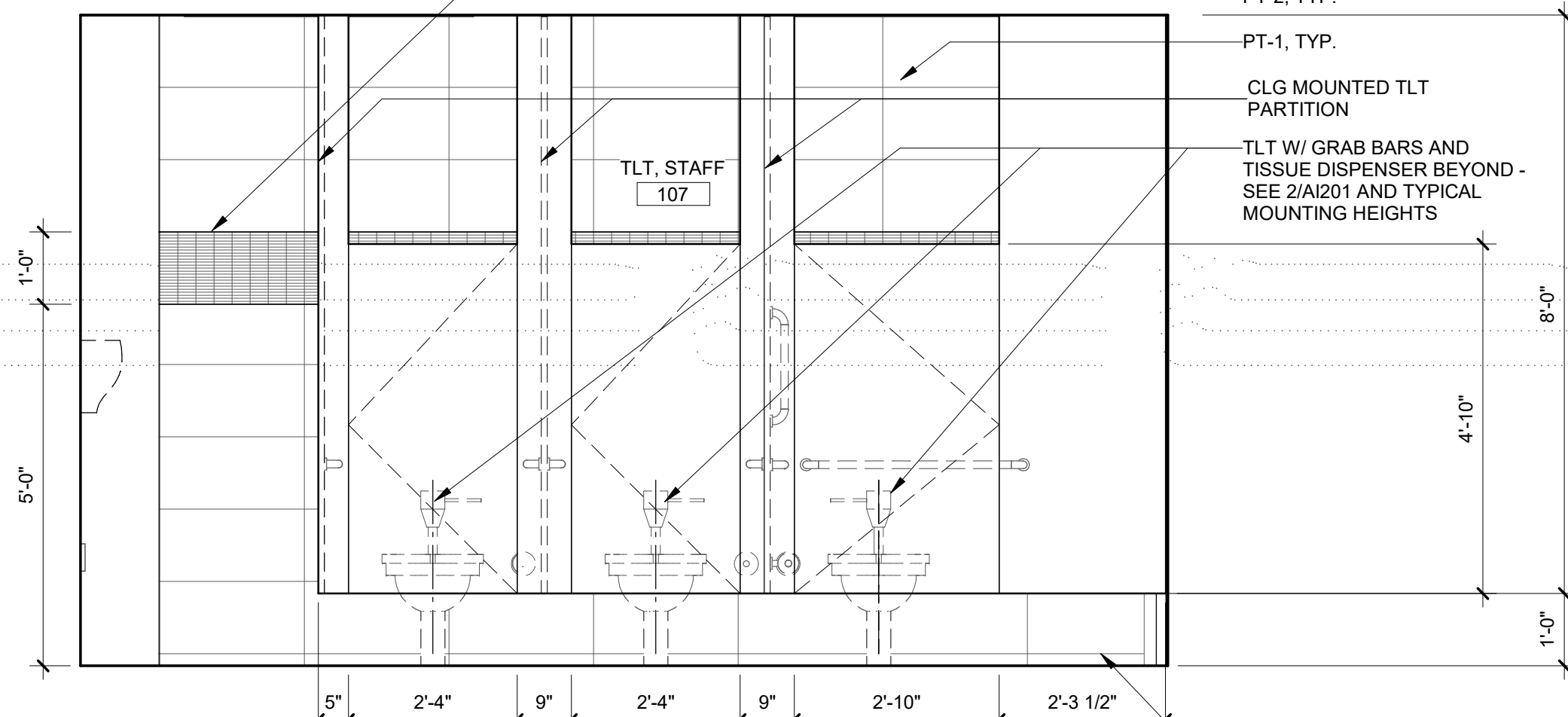
3 TLT/107, SOUTH

AI201 1/2" = 1'-0"



2 TLT/107, EAST

AI201 1/2" = 1'-0"



1 TLT/107, NORTH

AI201 1/2" = 1'-0"

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Revisions:	Date:

CONSULTANT

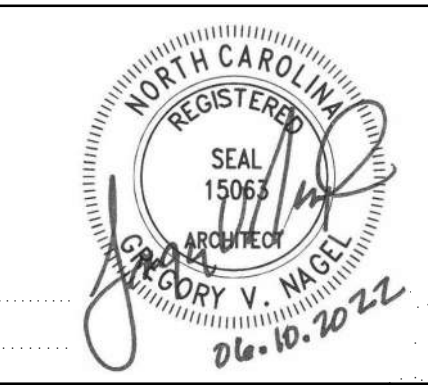
Consultant:

ARCHITECT/ENGINEER OF RECORD

NAGEL
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management

VA U.S. Department
of Veterans
Affairs

Drawing Title

INTERIOR ELEVATIONS

Approved:

Phase

BID DOCUMENTS

FULLY
SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

DE

Drawn

TMO

Project Number

565-19-101

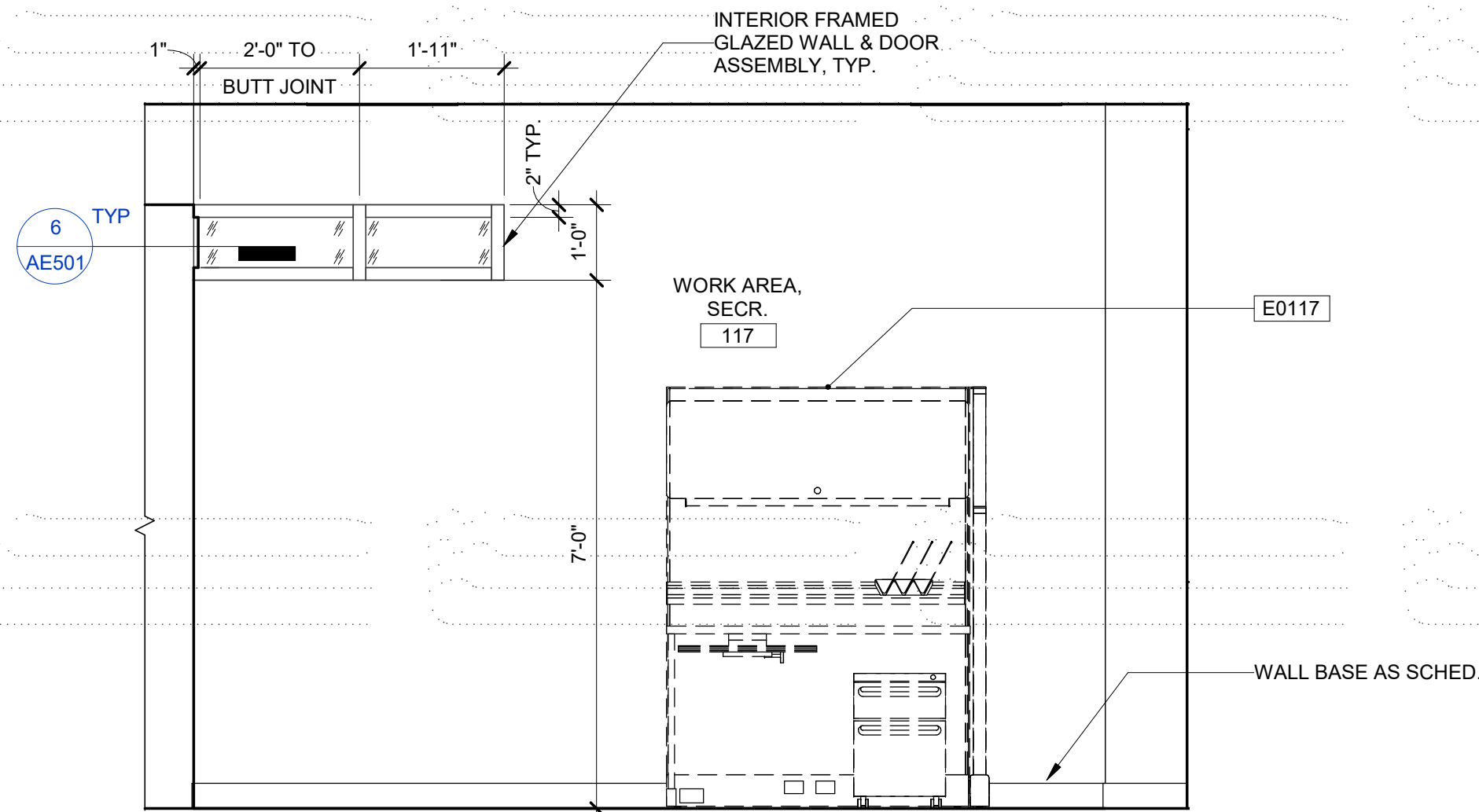
Building Number

BLDG 1

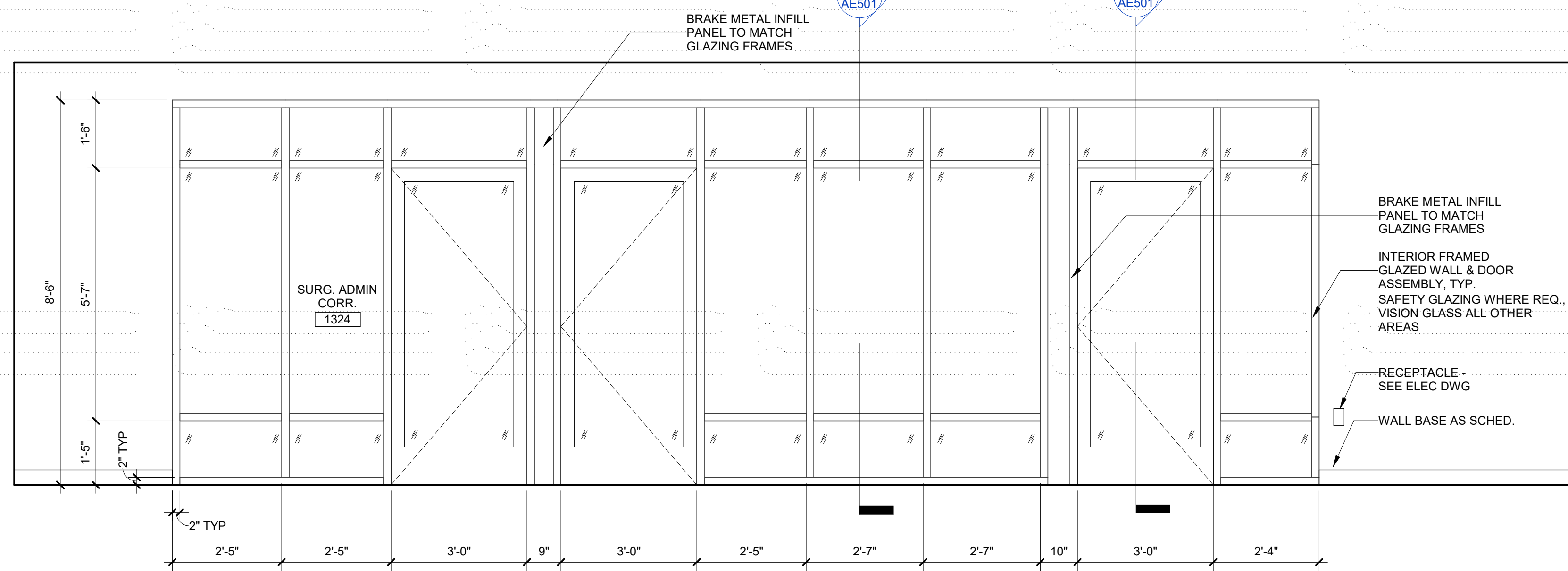
Drawing Number

AI201

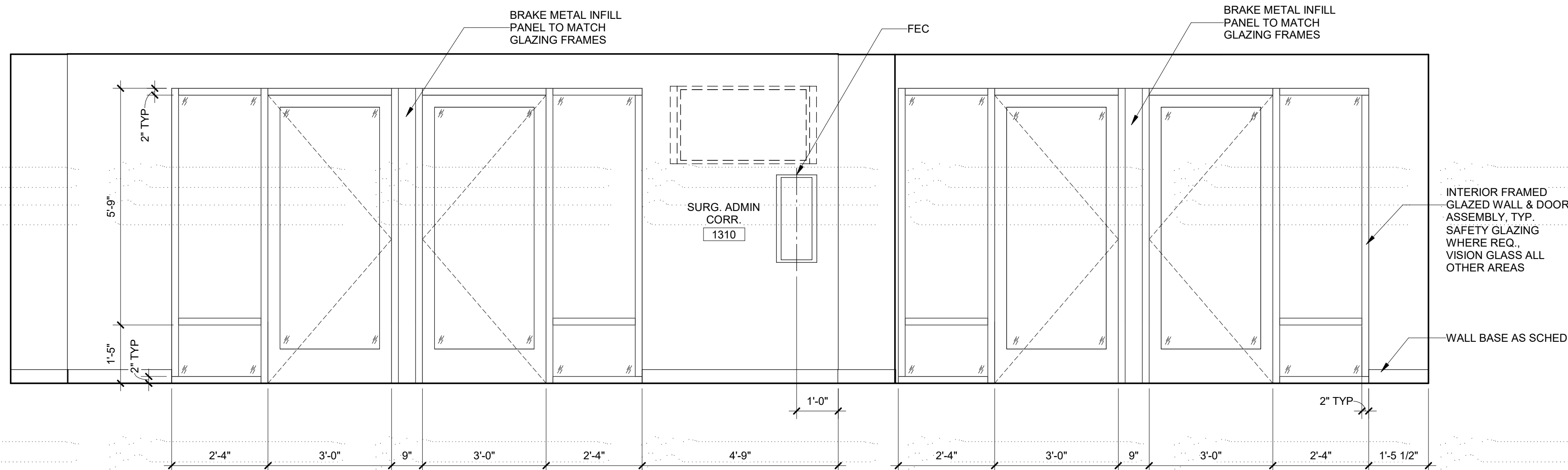
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6/10/2022 11:18:01 AM
VA FORM 08 - 6231



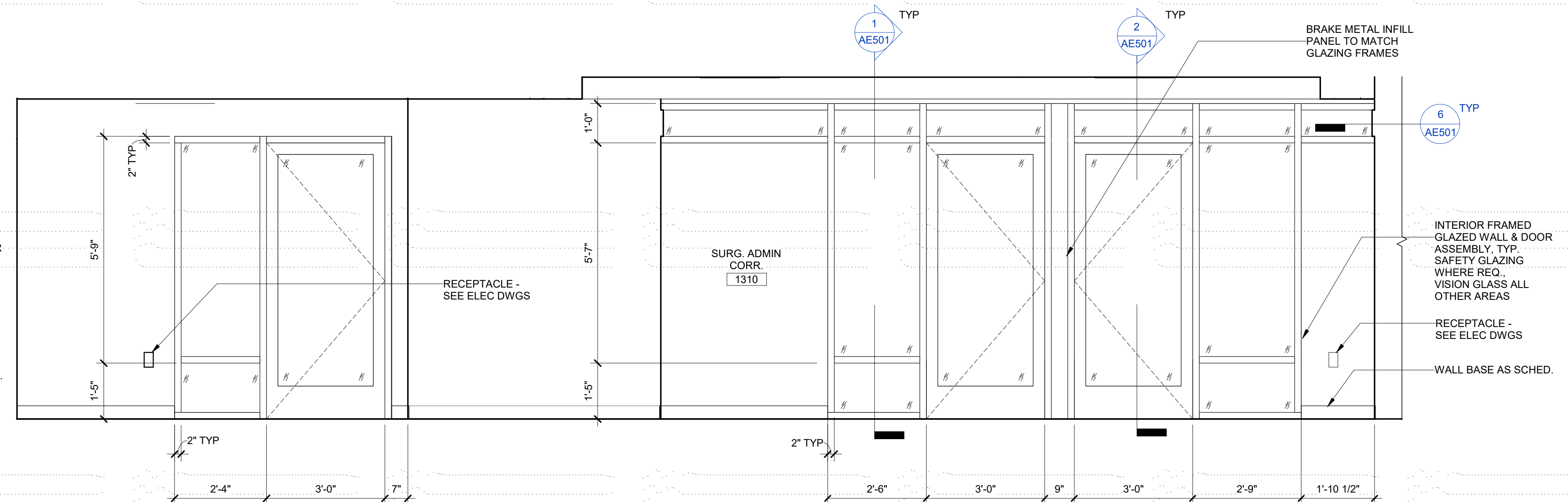
8 WORK AREA, SECR/117, WEST
1/2" = 1'-0"



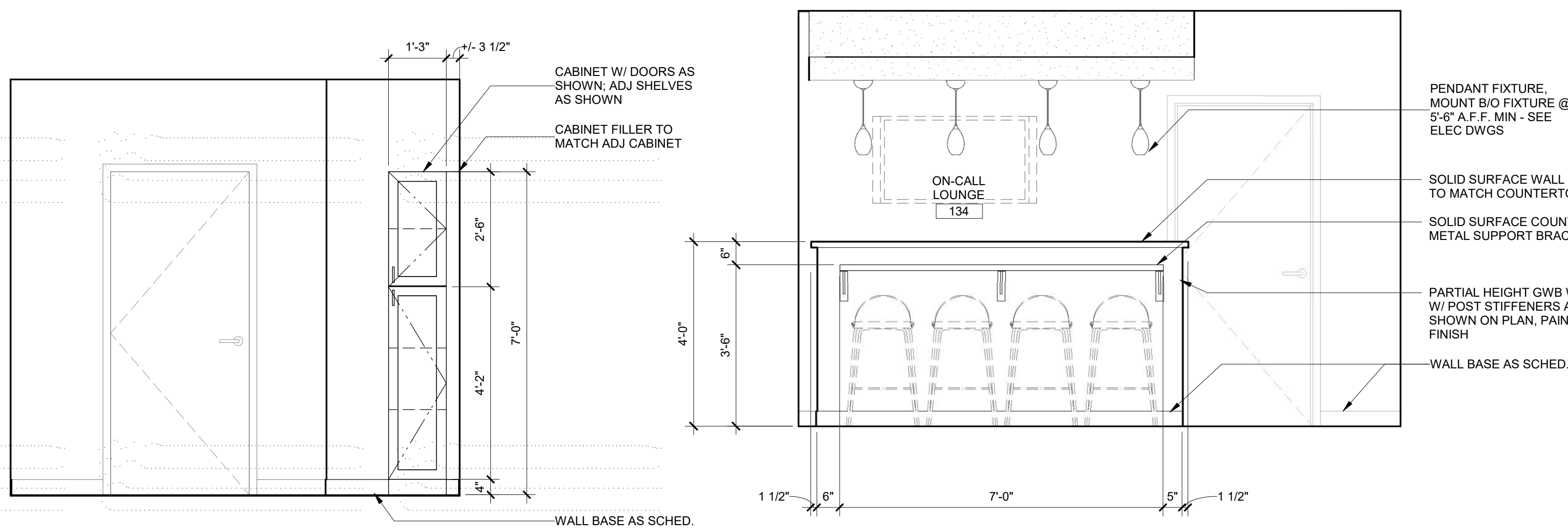
7 CORRIDOR 1324/EAST
1/2" = 1'-0"



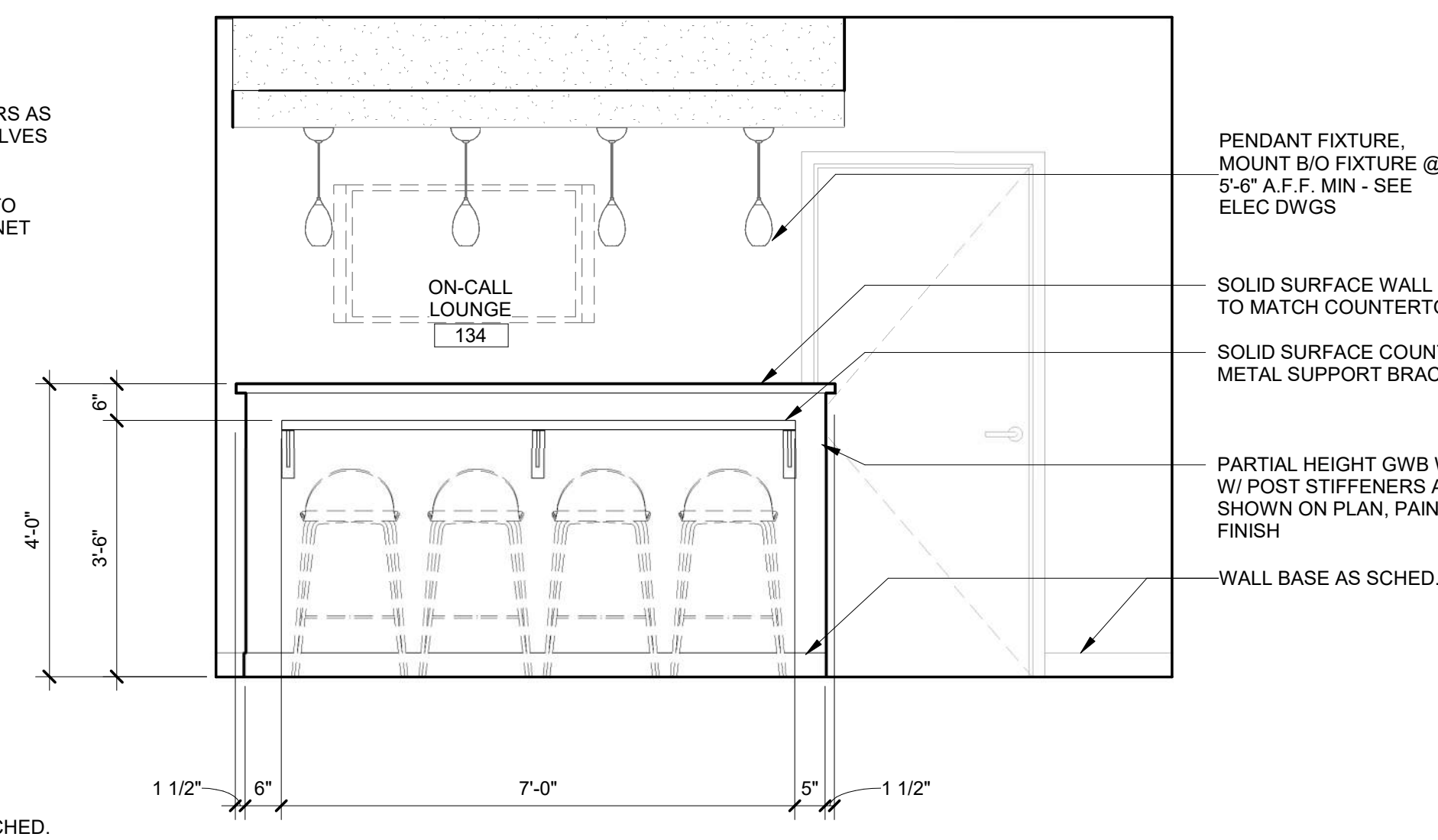
6 CORRIDOR 1310/SOUTH
1/2" = 1'-0"



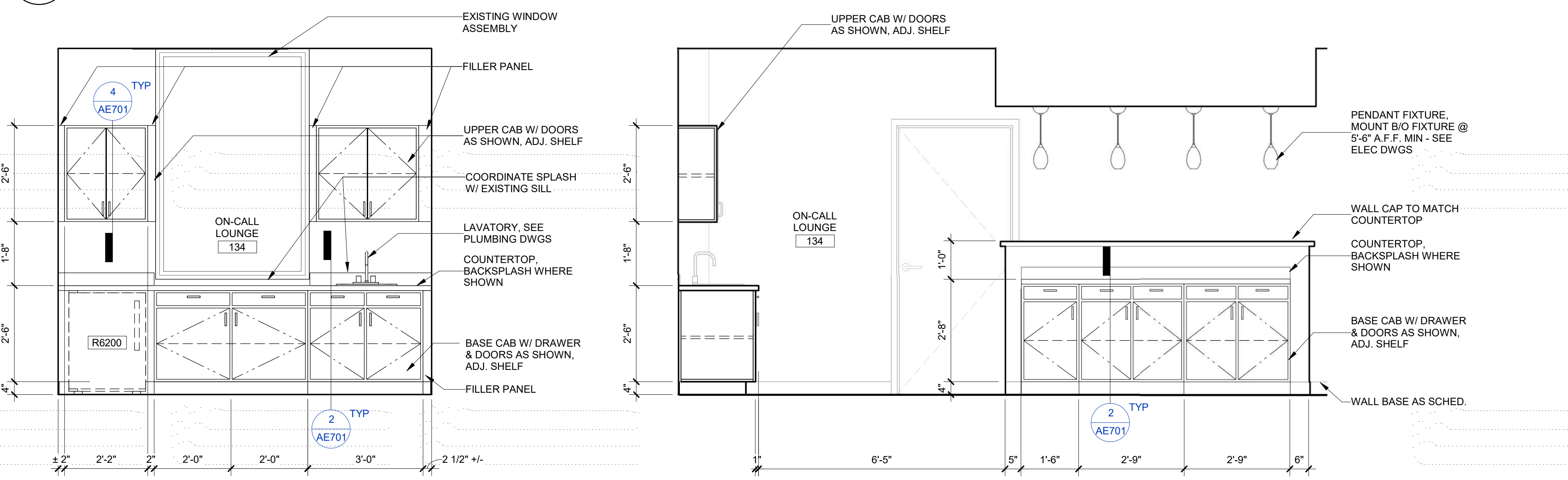
5 CORRIDOR 1310/NORTH
1/2" = 1'-0"



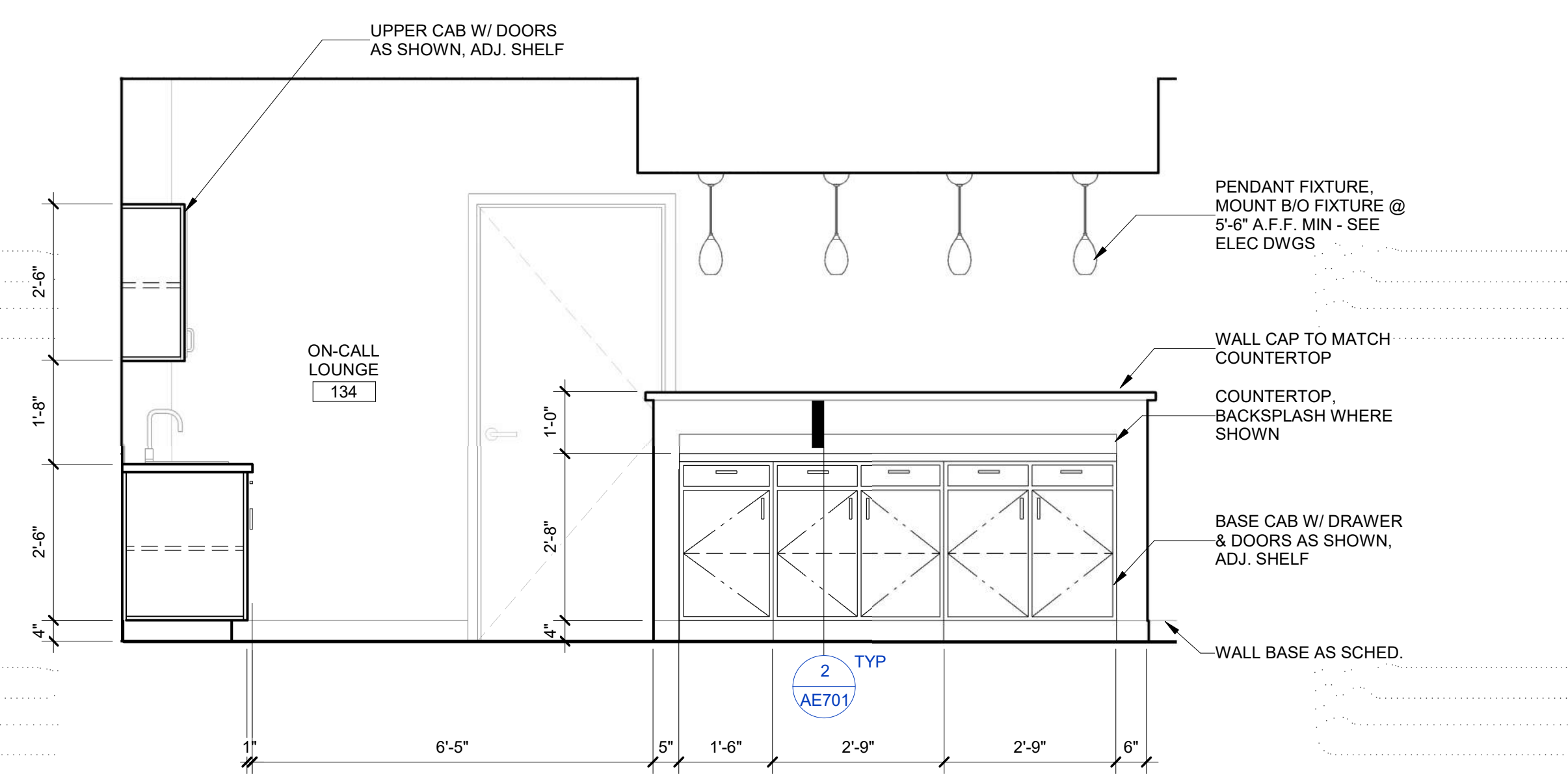
4 ON-CALL LOUNGE/134, EAST
1/2" = 1'-0"



3 ON CALL LOUNGE/134, SOUTH
1/2" = 1'-0"



2 ON CALL LOUNGE/134, WEST
1/2" = 1'-0"



1 ON CALL LOUNGE/134, NORTH
1/2" = 1'-0"

GENERAL NOTES: INTERIOR ELEVATIONS

1. [X####] INDICATES EQUIPMENT. SEE EQUIPMENT SCHEDULE FOR MORE INFORMATION.
2. SEE FINISH PLAN AND SPECIFICATION 09 06 00 SCHEDULE OF FINISHES FOR FINISH INFORMATION.
3. SEE 12 / A1201 FOR TYPICAL MOUNTING HEIGHTS.
4. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ELECTRICAL RECEPTACLES AND SWITCHES.
5. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR FIXTURE AND CONNECTION INFORMATION.
6. ITEMS INDICATED WITH A DASHED LINE ARE OWNER FURNISHED/INSTALLED. COORDINATE ALL REQ'D MEP ROUGH-INS AND BLOCKING W/ MEP DWGS AND OWNER REQ.

BID DOCUMENTS (MOD P00002)	10 JUN 2022
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Revisions:	Date:

CONSULTANT

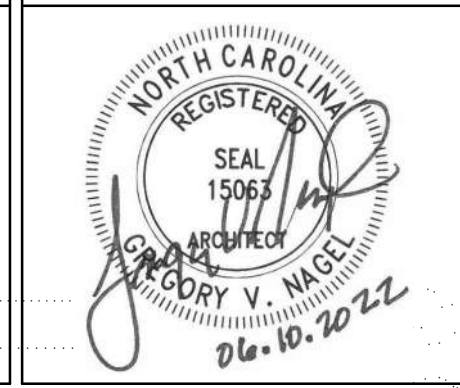
Consultant:

ARCHITECT/ENGINEER OF RECORD

NAGEL
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

INTERIOR ELEVATIONS

Approved:

Phase

BID DOCUMENTS

FULLY
SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date
10 JUN 2022

Checked
DE

Drawn
TMO

Project Number
565-19-101

Building Number
BLDG 1

Drawing Number
A1202

A

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C

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F

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BID DOCUMENTS (MOD P00002)	10 JUN 2022
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CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
NAGEL
architects + engineers
13100 watertown plank road suite 200 elm grove, wi 53122
Nagel Architects + Engineers project number: 19022

STAMP
REGISTERED SEAL 15063 ARCHITECT JACOB V. NAGEL 06.10.2022

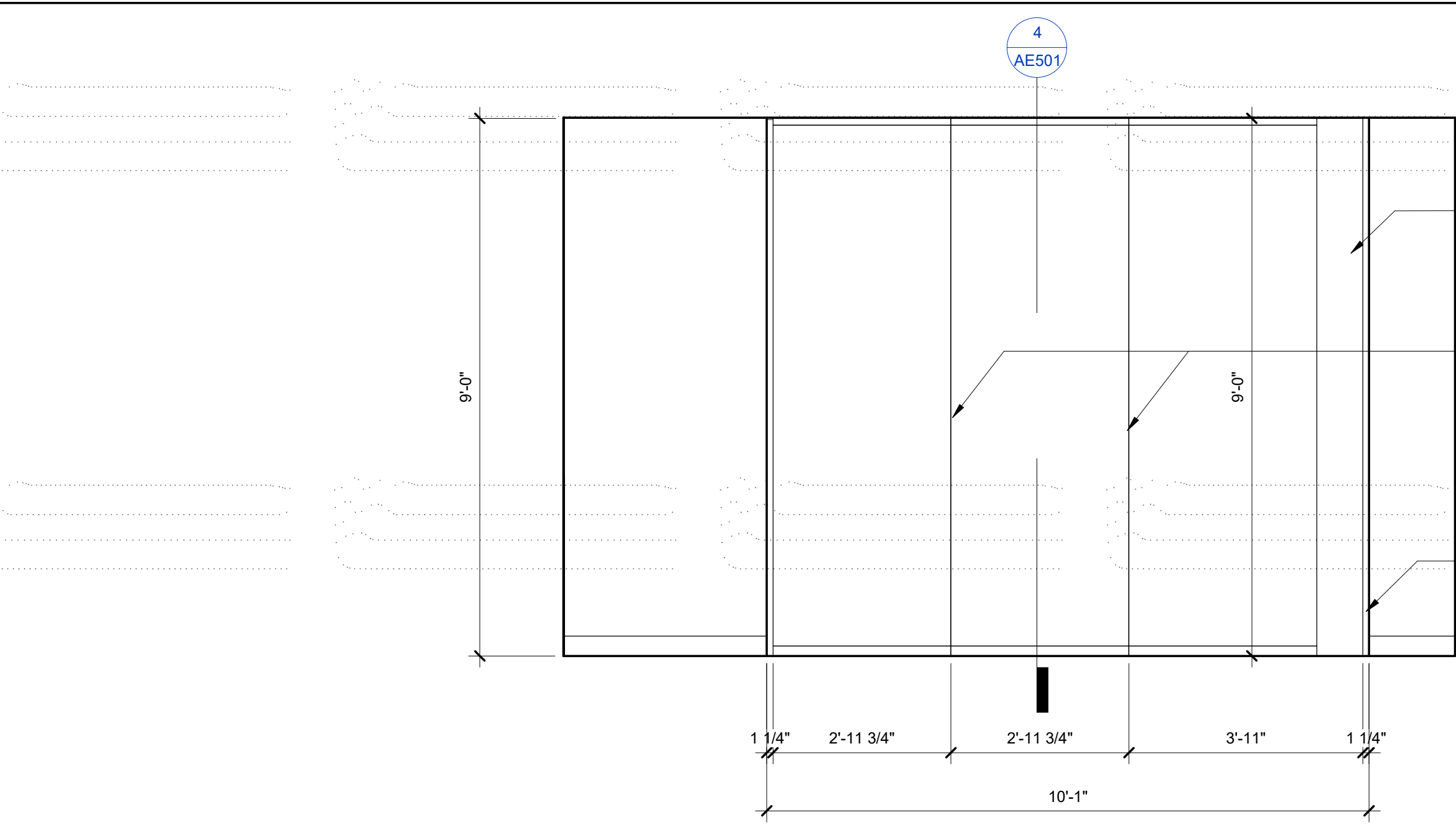
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
INTERIOR ELEVATIONS
Approved:

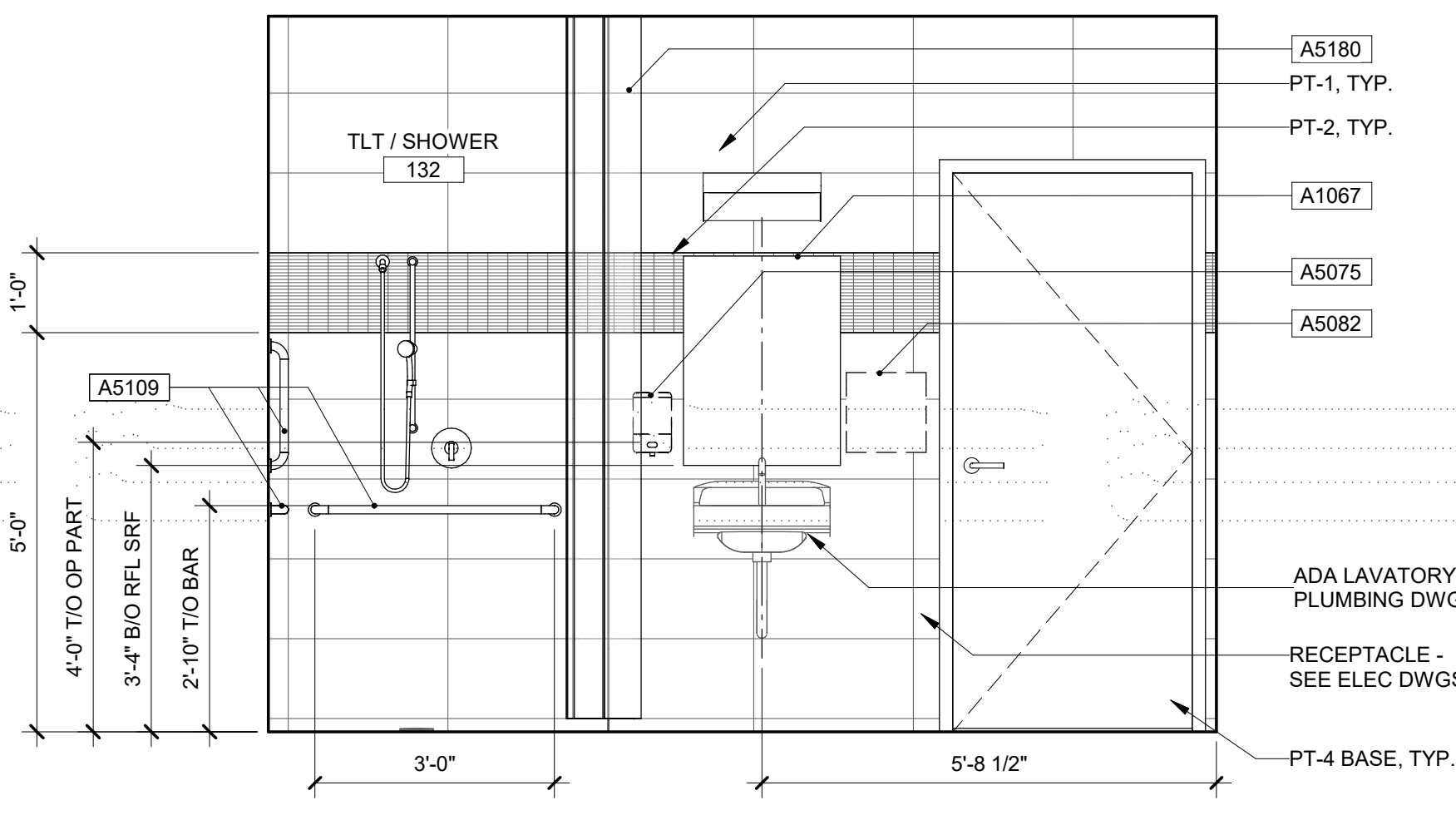
Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
10 JUN 2022
Checked
DE
Drawn
TMO

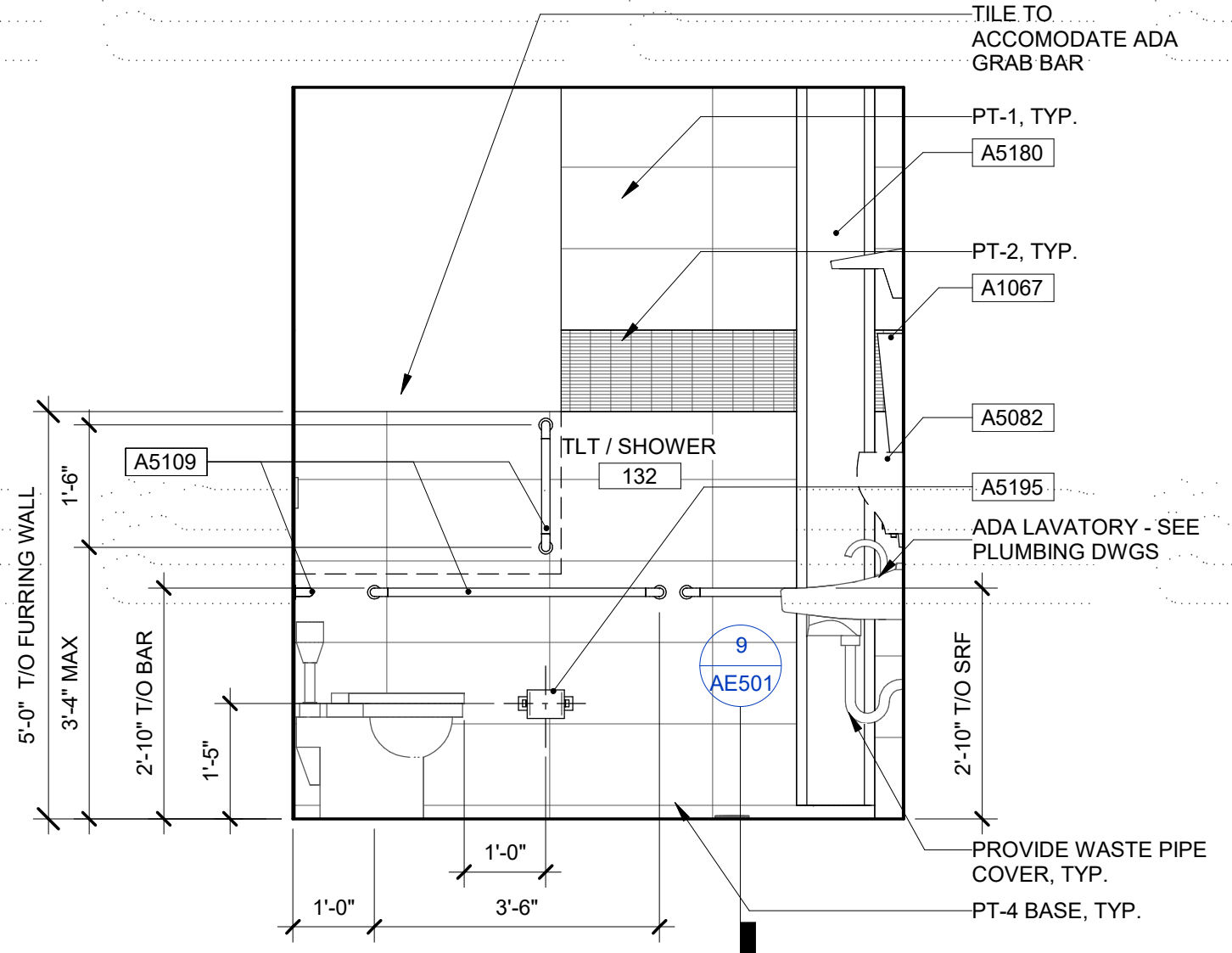
Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
AI203



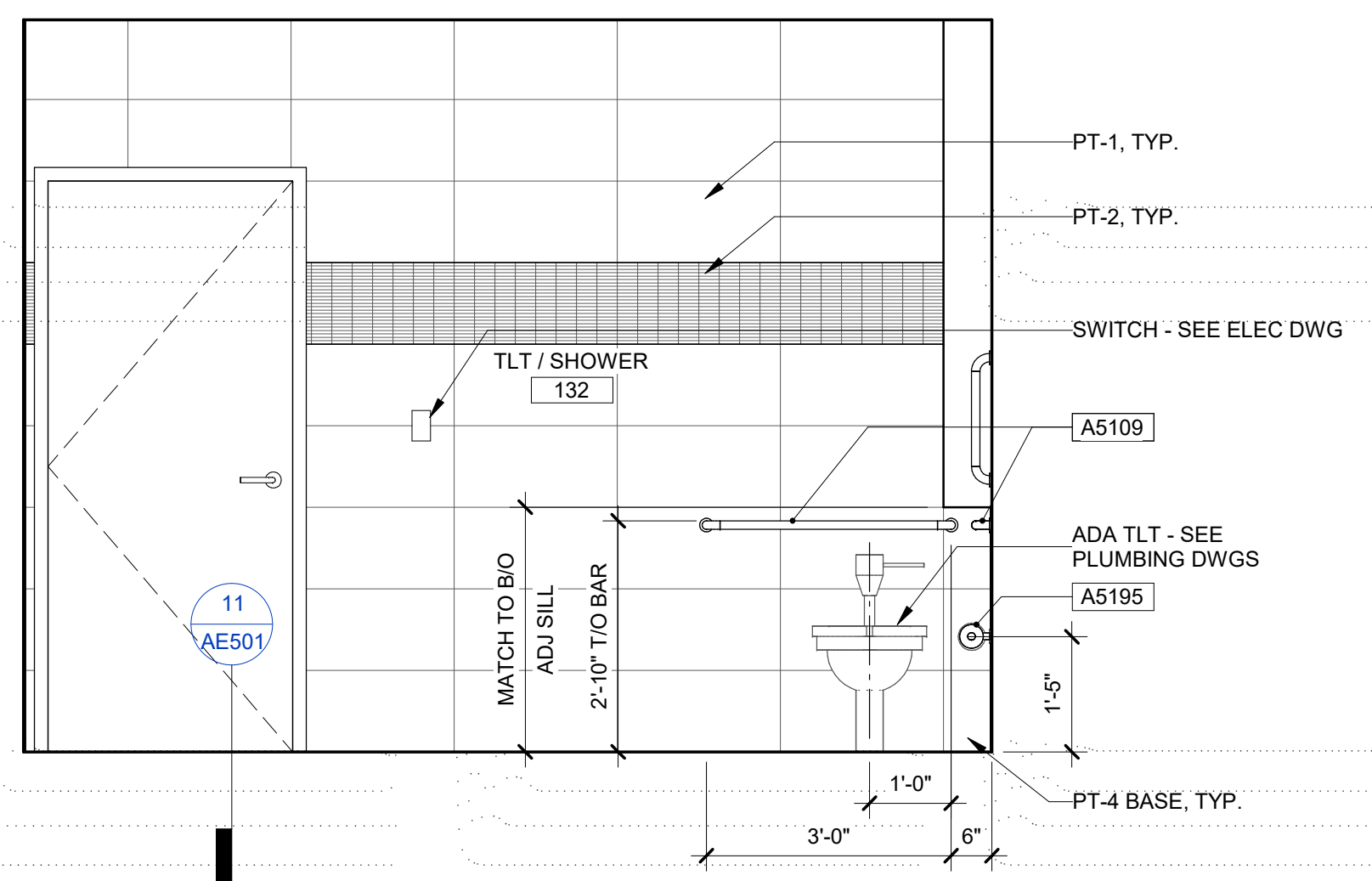
10 FOLDING PARTITION,CONFERENCE/145
AI203 1/2" = 1'-0"



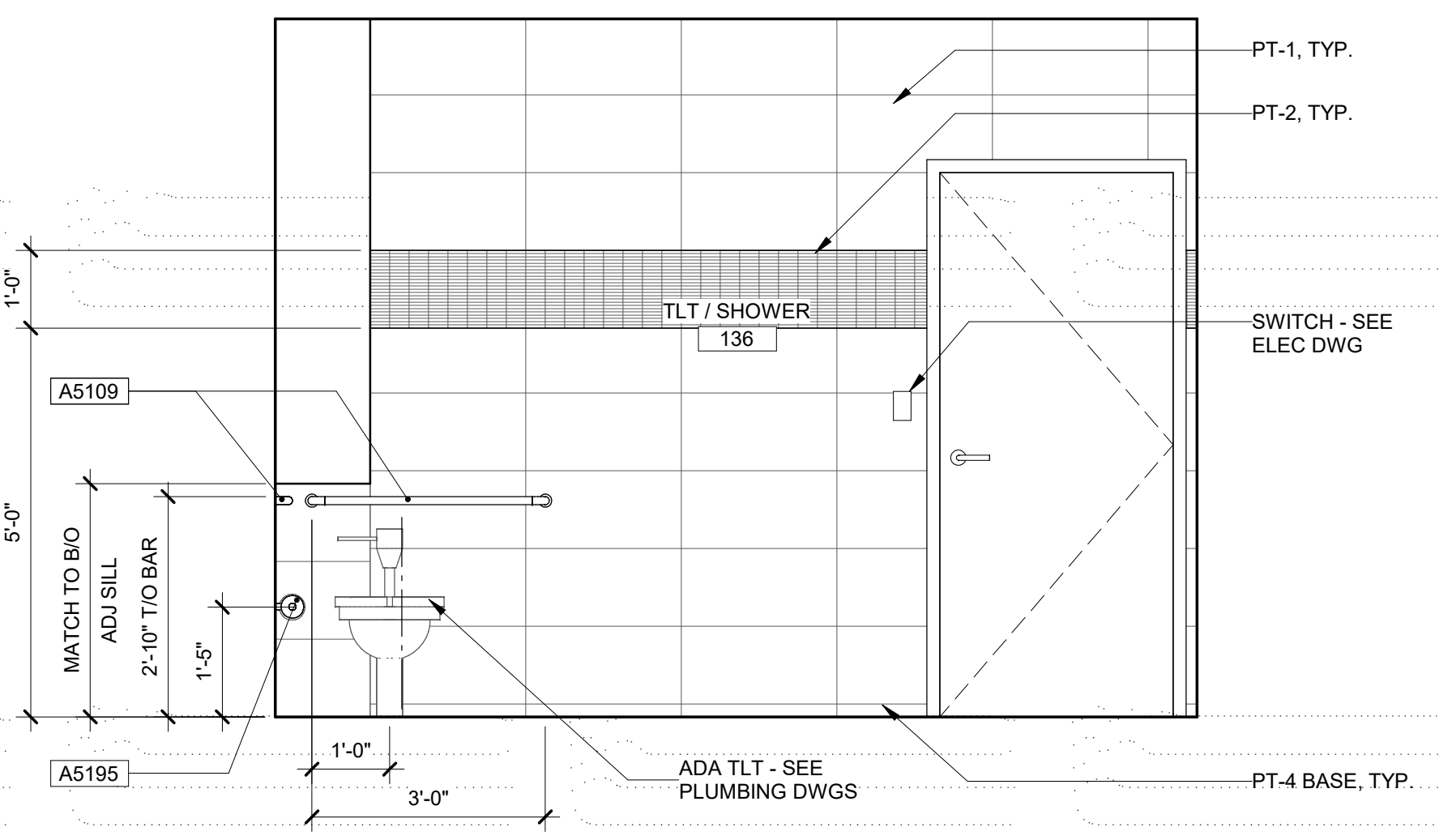
9 TLT/132, NORTH
AI203 1/2" = 1'-0"



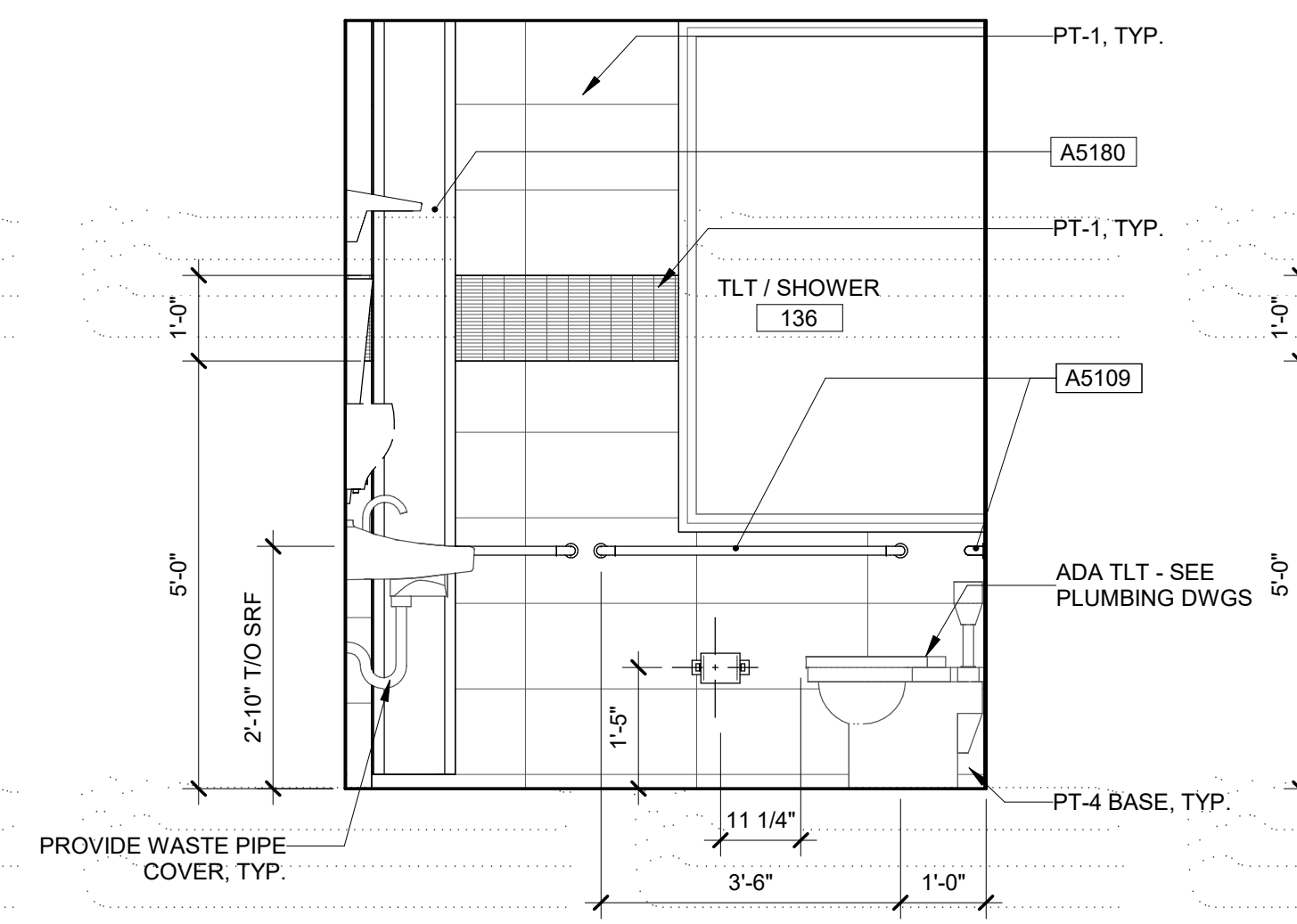
8 TLT/132, SOUTH
AI203 1/2" = 1'-0"



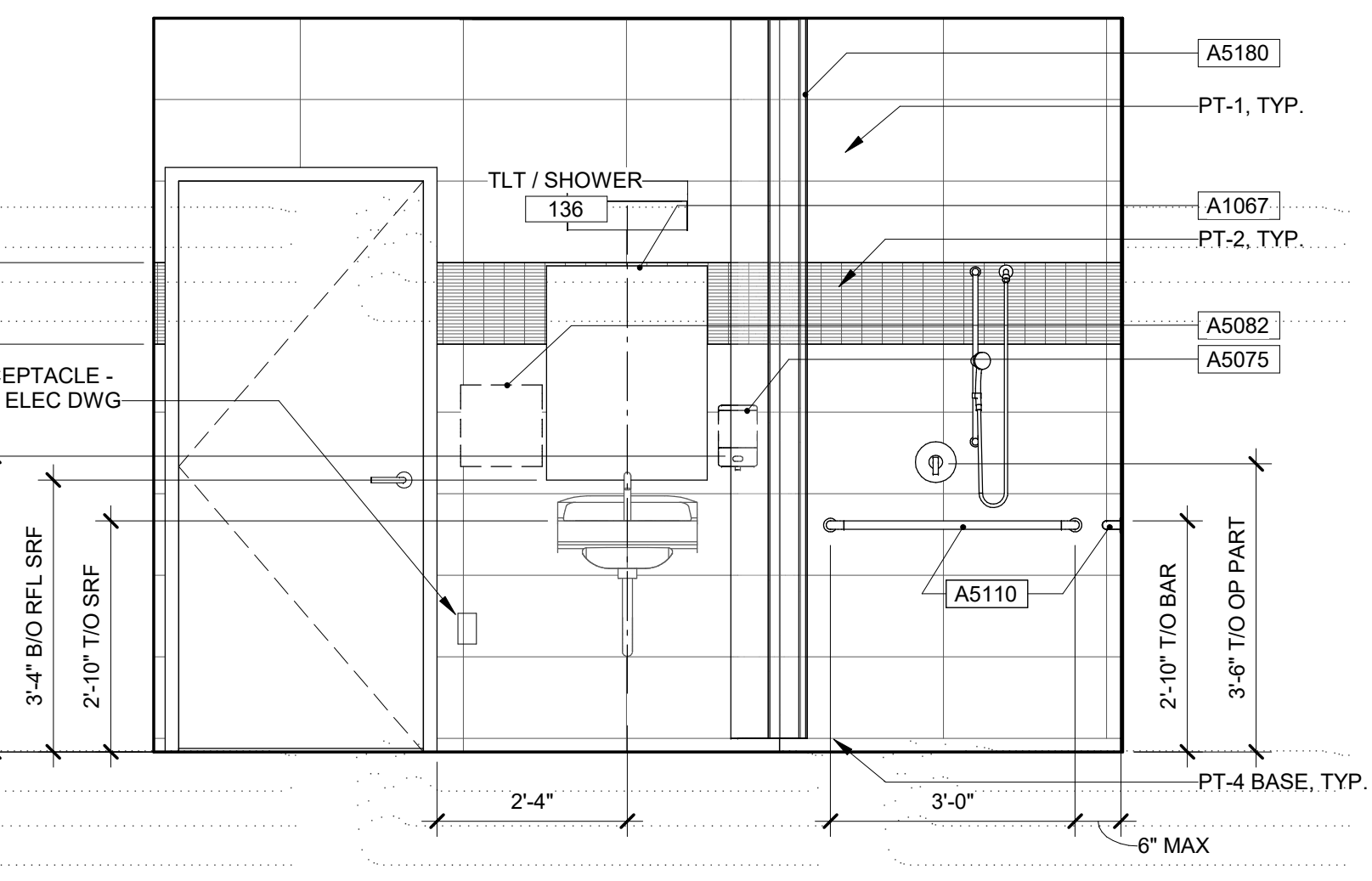
7 TLT/132, EAST
AI203 1/2" = 1'-0"



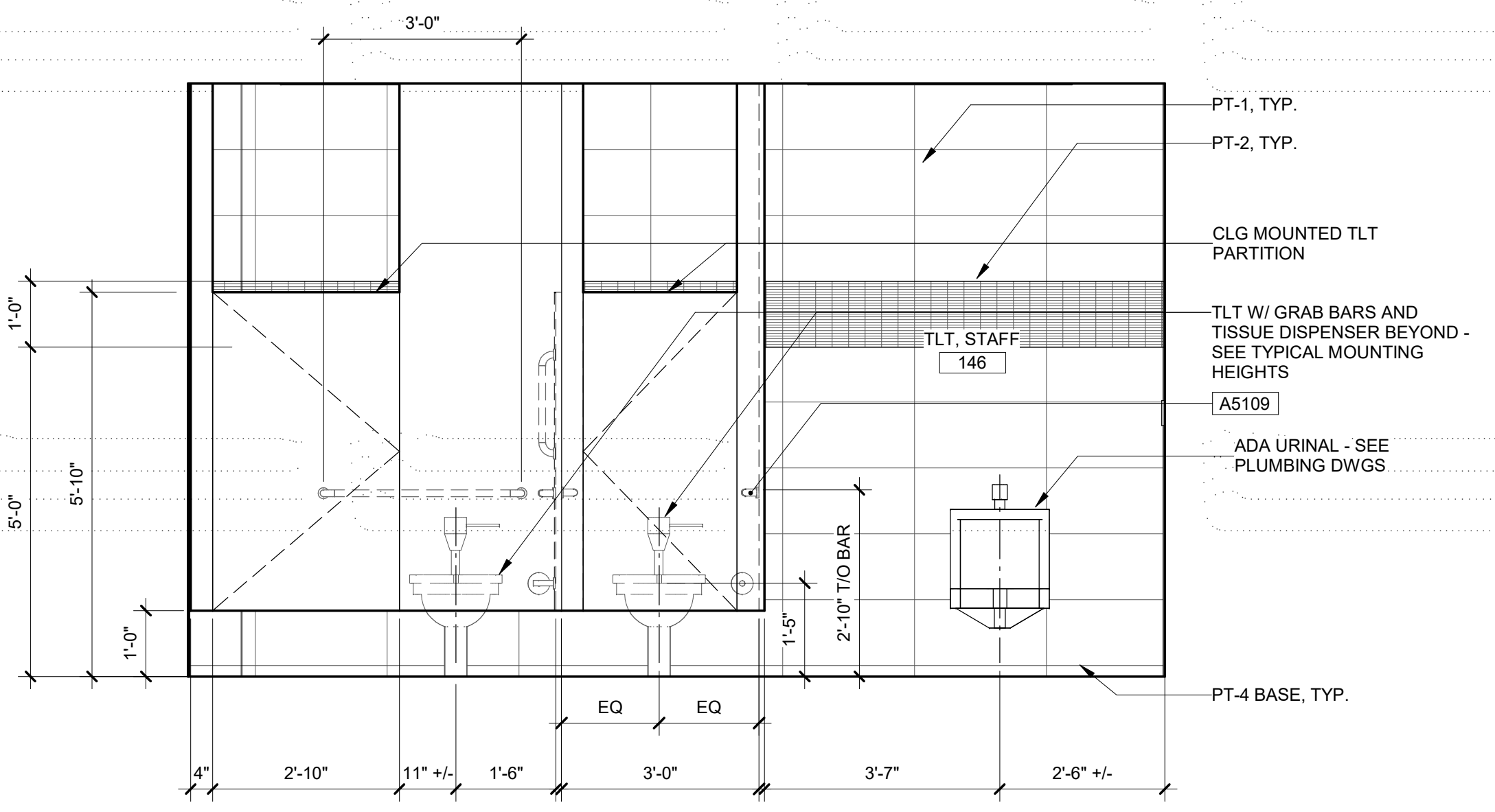
6 TLT/136, EAST
AI203 1/2" = 1'-0"



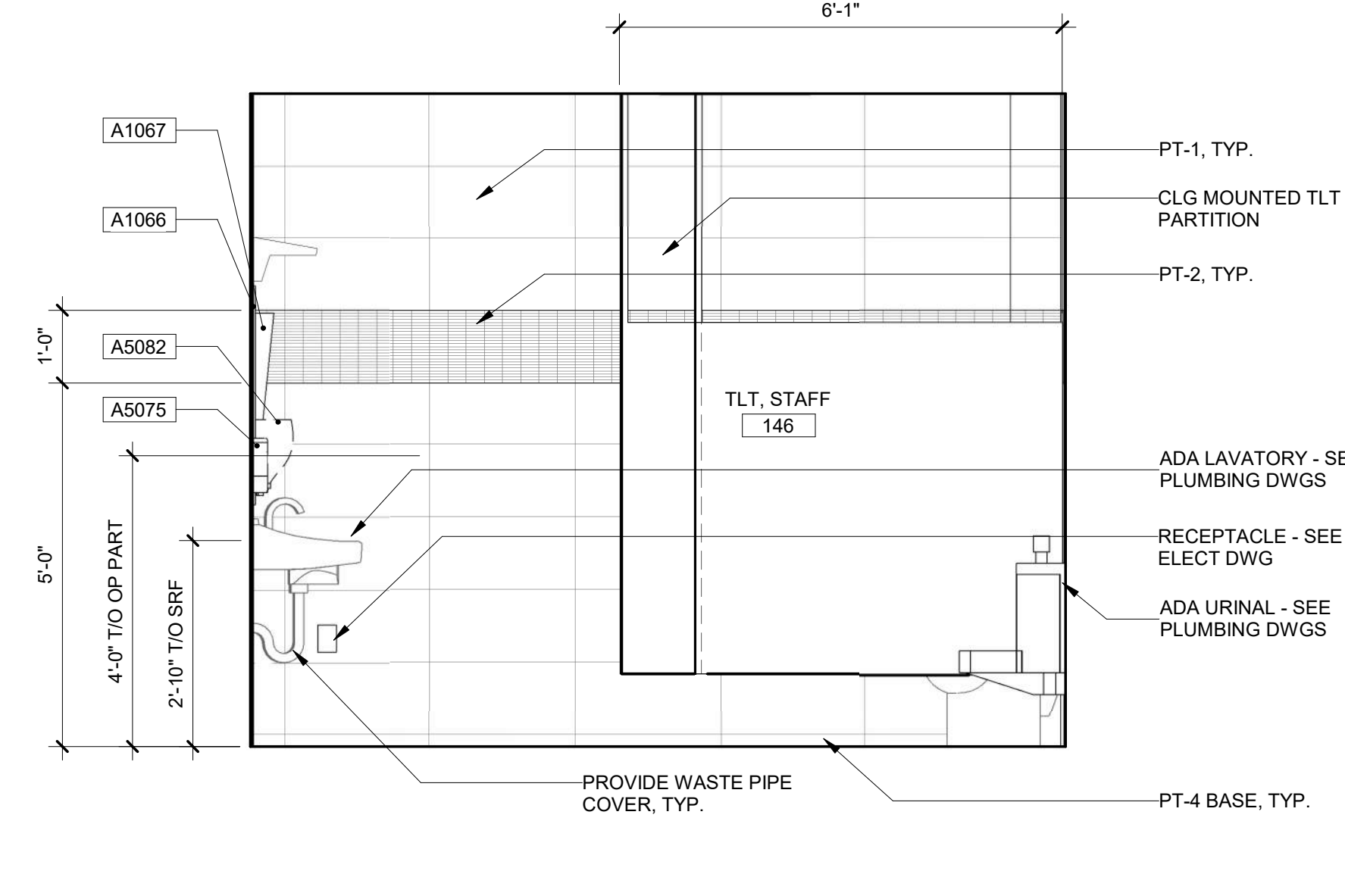
5 TLT/136, NORTH
AI203 1/2" = 1'-0"



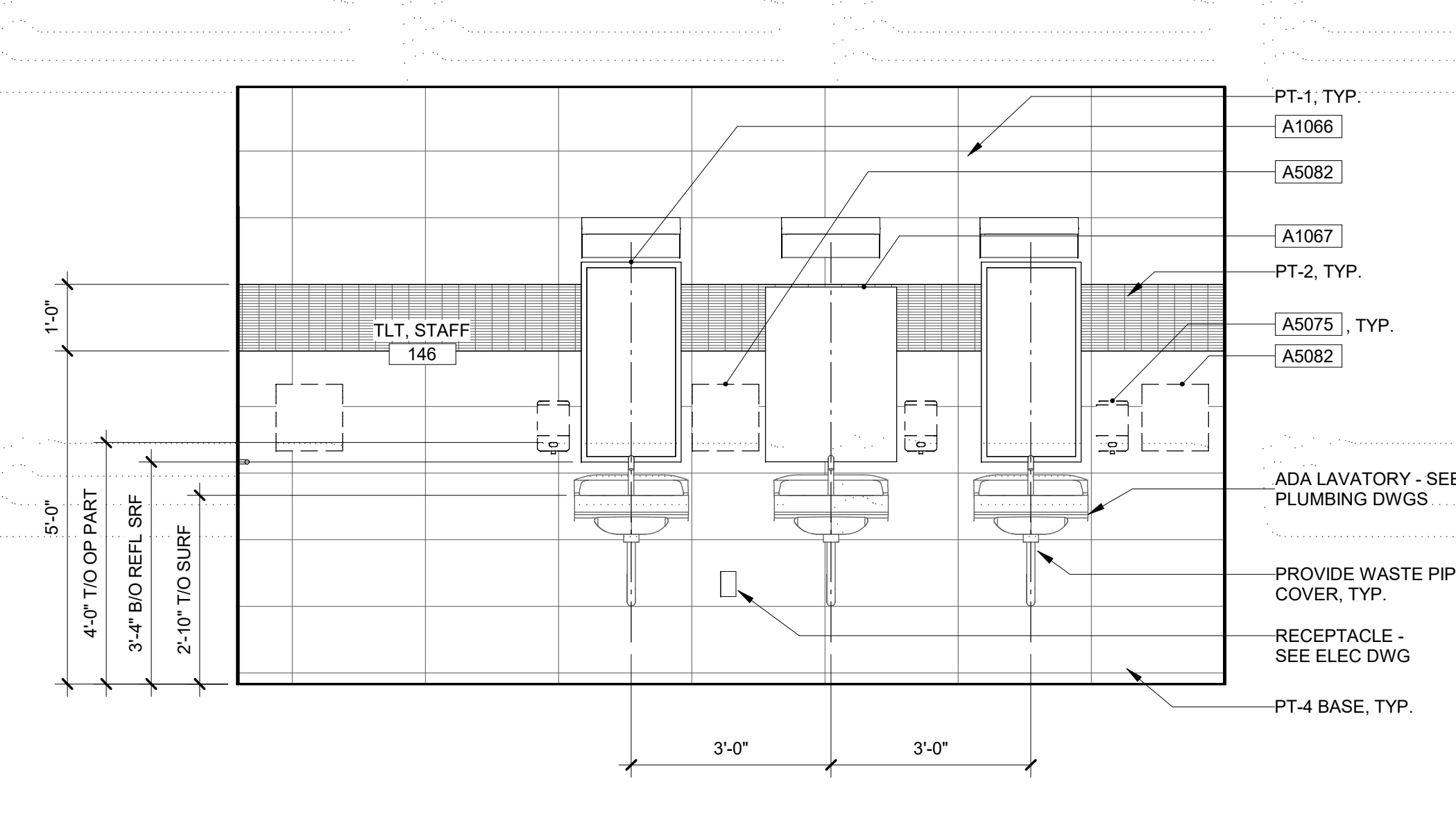
4 TLT/136, WEST
AI203 1/2" = 1'-0"



3 TLT/146, NORTH
AI203 1/2" = 1'-0"



2 TLT/146, WEST
AI203 1/2" = 1'-0"



1 TLT/146, SOUTH
AI203 1/2" = 1'-0"

- GENERAL NOTES: INTERIOR ELEVATIONS**
1. [X####] INDICATES EQUIPMENT. SEE EQUIPMENT SCHEDULE FOR MORE INFORMATION.
 2. SEE FINISH PLAN AND SPECIFICATION 09 06 00 SCHEDULE OF FINISHES FOR FINISH INFORMATION.
 3. SEE 12 / A1201 FOR TYPICAL MOUNTING HEIGHTS.
 4. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ELECTRICAL RECEPTACLES AND SWITCHES.
 5. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR FIXTURE AND CONNECTION INFORMATION.
 6. ITEMS INDICATED WITH A DASHED LINE ARE OWNER FURNISHED/INSTALLED. COORDINATE ALL REQ'D MEP ROUGH-INS AND BLOCKING W/ MEP DWGS AND OWNER REQ.

A

B

C

D

E

F



6 SURG ADMIN CORRIDOR/NTS

AI204

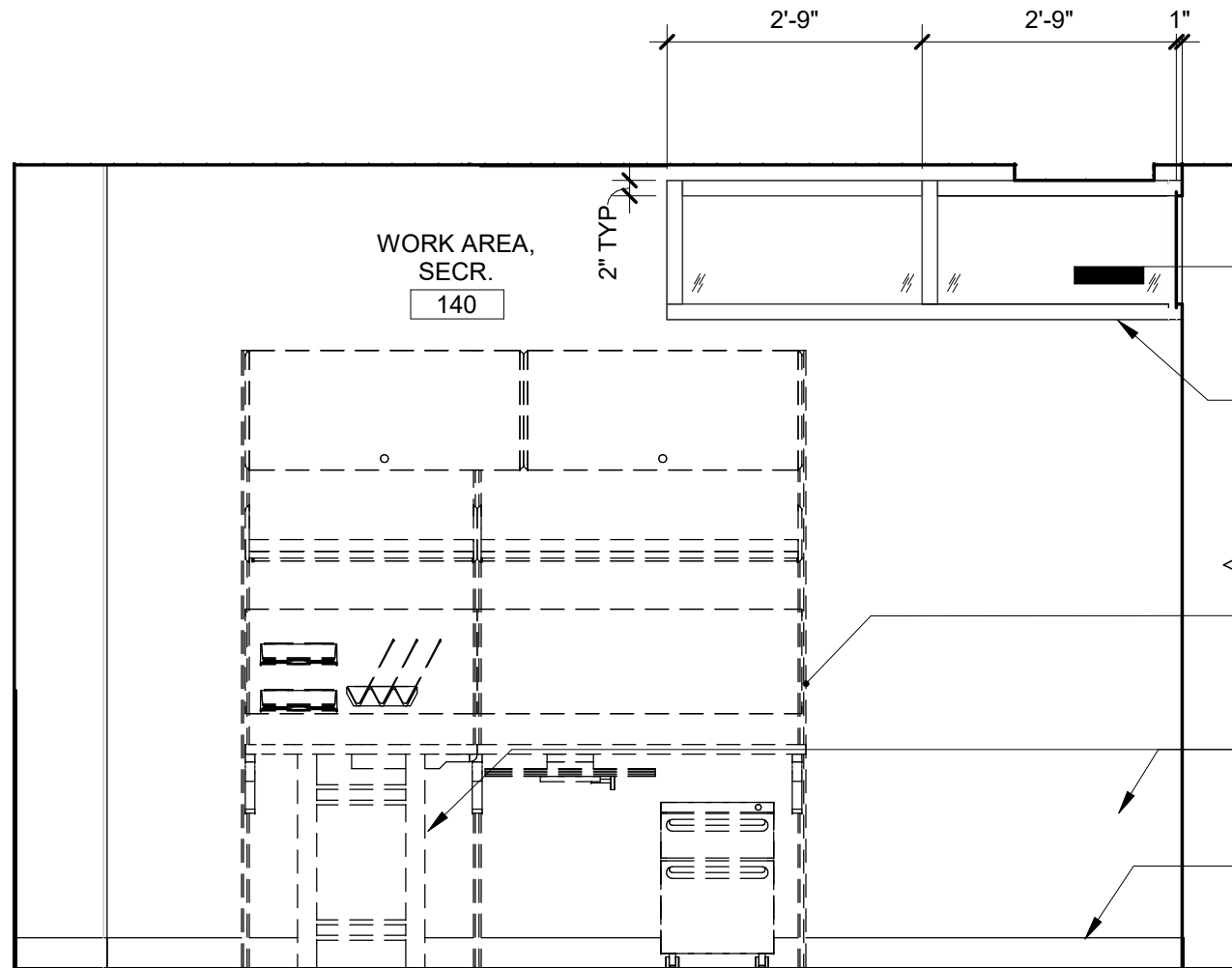


5 ON-CALL SUITE/NTS

AI204

GENERAL NOTES: INTERIOR ELEVATIONS

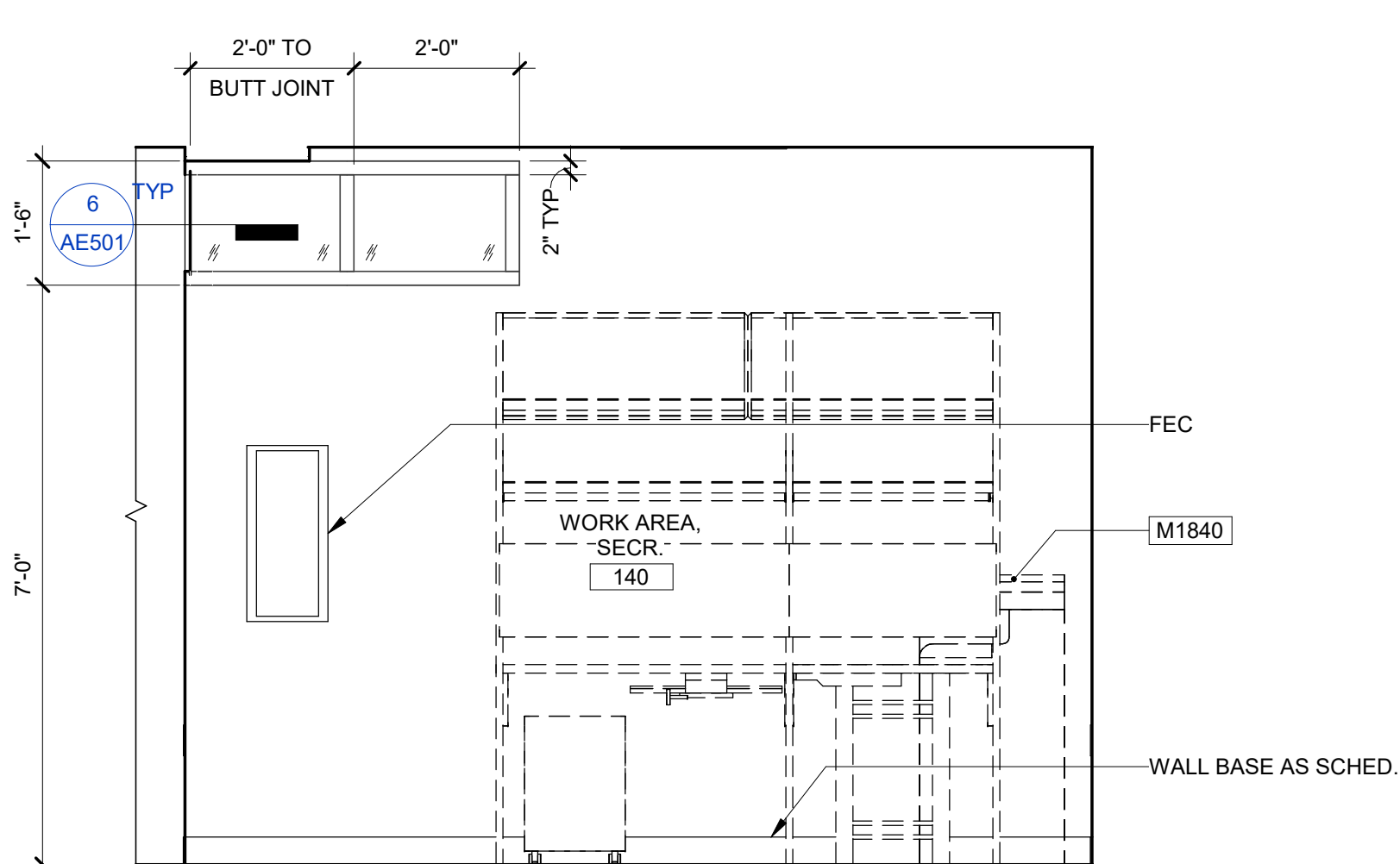
1. [X####] INDICATES EQUIPMENT. SEE EQUIPMENT SCHEDULE FOR MORE INFORMATION.
2. SEE FINISH PLAN AND SPECIFICATION 09 06 00 SCHEDULE OF FINISHES FOR FINISH INFORMATION.
3. SEE 12 / AI201 FOR TYPICAL MOUNTING HEIGHTS.
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4 WORK AREA/140, EAST

AI204

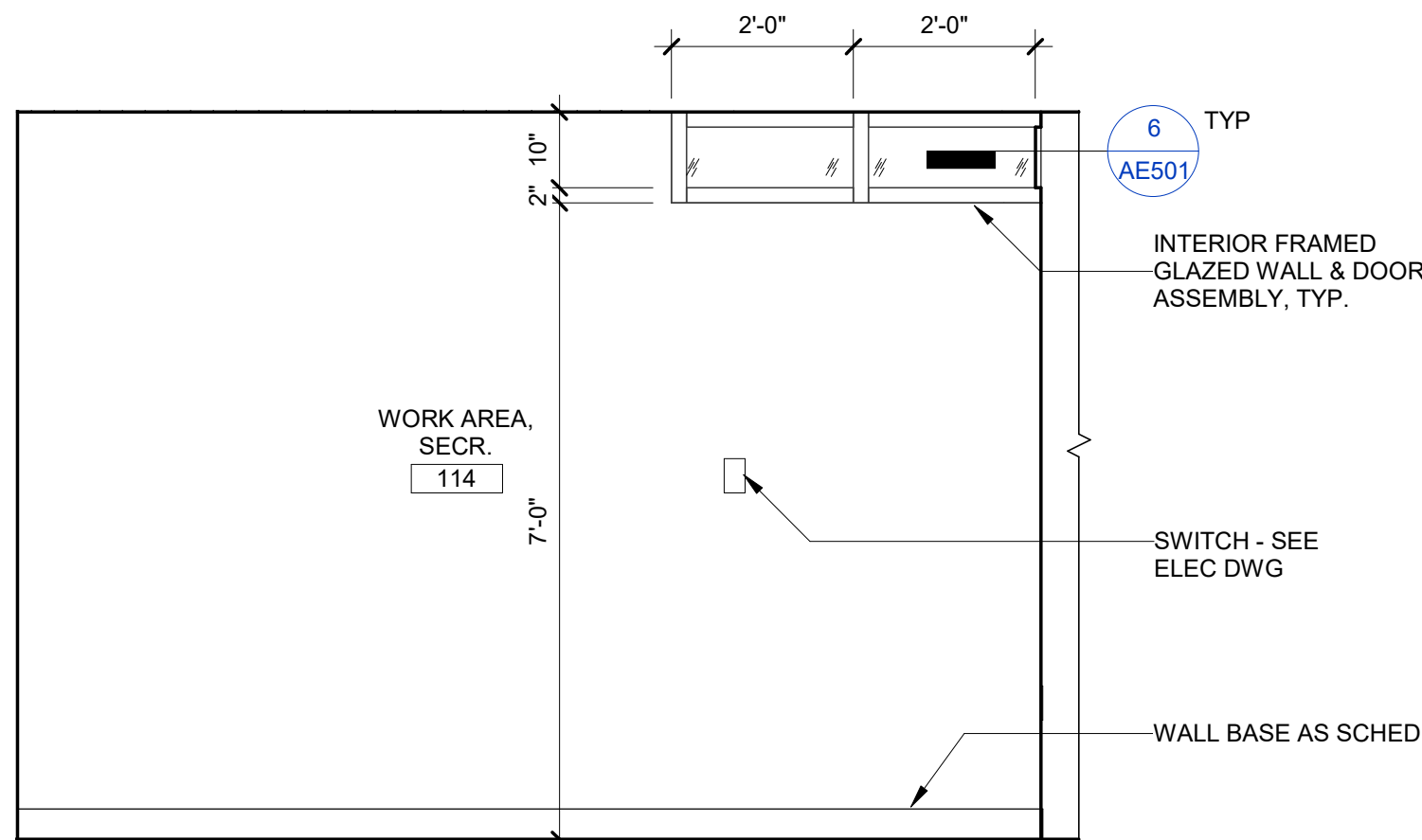
1/2" = 1'-0"



2 SUPPLY/139, WEST

AI204

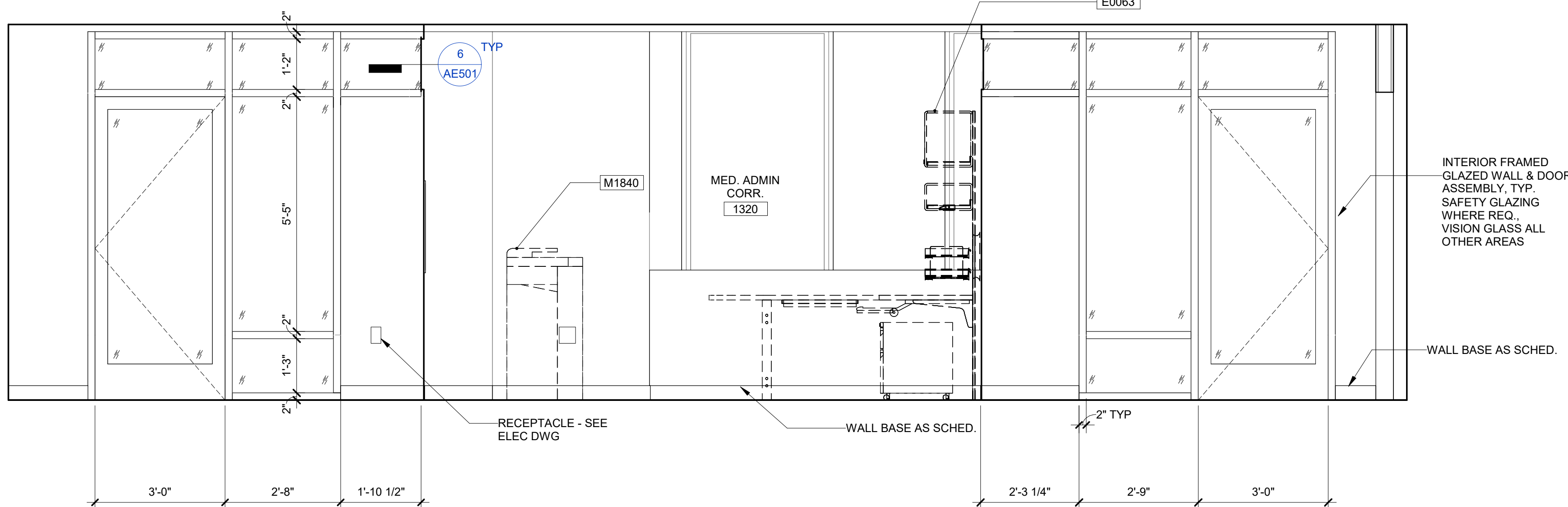
1/2" = 1'-0"



3 WORK AREA, SECR./114, EAST

AI204

1/2" = 1'-0"



1 CORRIDOR/1320, NORTH

AI204

1/2" = 1'-0"

BID DOCUMENTS (MOD P00002)	10 JUN 2022
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CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT

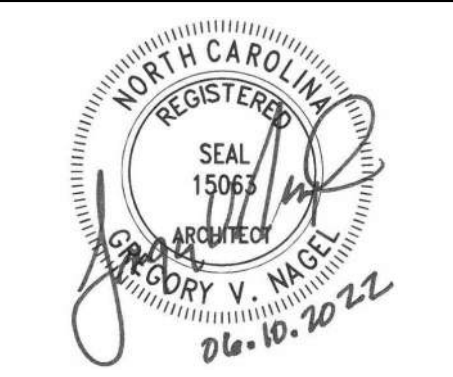
Consultant:

ARCHITECT/ENGINEER OF RECORD

NAGEL
architects + engineers

13100 watertown plank road
suite 200
dtn arden, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

INTERIOR ELEVATIONS

Approved:

Phase

BID DOCUMENTS

FULLY
SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

DE

Drawn

TMO

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

AI204



ROOM FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING		REMARKS
				N	S	E	W	MATL	HEIGHT	
107	TLT. STAFF	PT-3	PT-4	PT-1,2	PT-1,2	PT-1,2	PT-1,2	AT	8'-8"	
108	H.A.C.	EPY	RB	P-1	P-1	P-1	P-1	AT	8'-8"	
109	WAITING	CPT-1	RB	P-1	P-1	P-3	P-1	AT	8'-8"	
109A	WORK AREA, ADV.	CPT-1	RB	P-1	P-1	P-1	P-1	AT	8'-8"	
109B	WORK AREA, ADV.	CPT-1	RB	P-1	P-3	P-1	P-1	AT	8'-8"	
110	OFFICE, DEC. AFFAIRS	LVT-1	RB	P-1	P-1	P-1	P-2	AT	8'-8"	
111	TLT. STAFF	PT-3	PT-4	PT-1,2	PT-1,2	PT-1,2	PT-1,2	AT	8'-8"	
112	EXIST. STAIR	EX	EX	P-1	P-1	P-1	P-1	AT	9'-0"	
113	OFFICE, SURG. SCHED. SHARED	LVT-1	RB	P-1	P-2	P-1	P-1	AT	8'-8"	
114	WORK AREA, SECR.	LVT-1	RB	P-3	P-1	P-1	P-1	AT	8'-8"	
115	OFFICE, SURG. SHARED	LVT-1	RB	P-2	P-1	P-1	P-1	AT	8'-8"	
116	OFFICE, VASQIP NURSE	LVT-1	RB	P-1	P-3	P-1	P-1	AT	8'-8"	
117	WORK AREA, SECR.	LVT-1	RB	P-3	P-1	P-1	P-1	AT	9'-0"	
118	OFFICE, SURG. SERV. CHIEF	LVT-1	RB	P-1	P-3	P-1	P-1	AT	8'-8"	
119	OFFICE, SURG. SERV. NURSE CHIEF	LVT-1	RB	P-1	P-1	P-1	P-2	AT	8'-8"	
120	OFFICE, ASSIST. CHIEF	LVT-1	RB	P-1	P-1	P-1	P-1	AT	8'-8"	
121	WORK AREA, SECR.	LVT-1	RB	P-1	P-3	P-1	P-1	AT	9'-0"	
122	OFFICE, JR. ADMIN & PSA	LVT-1	RB	P-2	P-1	P-1	P-1	AT	8'-8"	
123	OFFICE, SURG. SHARED	LVT-1	RB	P-1	P-3	P-1	P-1	AT	8'-8"	
124	OFFICE, SURG. SHARED	LVT-1	RB	P-2	P-1	P-1	P-1	AT	8'-8"	
125	OFFICE, SURG. SHARED	LVT-1	RB	P-1	P-3	P-1	P-1	AT	8'-8"	
126	OFFICE, ANESTH. SHARED	LVT-1	RB	P-1	P-2	P-1	P-1	AT	8'-8"	
127	MECHANICAL	EPY	RB	P-3	P-3	P-3	P-3	EXP	9'-0"	
128	OFFICE, RES. SHARED	LVT-1	RB	P-2	P-1	P-1	P-1	AT	8'-8"	
129	OFFICE, NURSE O.R. EDU.	LVT-1	RB	P-1	P-3	P-1	P-1	AT	8'-8"	
130A	WORK AREA, PSA	CPT-1	RB	P-3	-	-	-	AT	8'-8"	
130B	WORK AREA, PSA	CPT-1	RB	P-3	-	-	-	AT	8'-8"	
130C	WORK AREA, PSA	CPT-1	RB	-	-	-	-	AT	8'-8"	
130D	WORK AREA, PSA	CPT-1	RB	-	-	P-1	-	AT	8'-8"	
130E	WORK AREA, AD. OFF.	CPT-1	RB	-	P-2	-	-	AT	8'-8"	
130F	WORK AREA, AD. OFF.	CPT-1	RB	-	P-2	P-1	-	AT	8'-8"	
131	ON-CALL ROOM	CPT-1	RB	P-1	P-1	P-1	P-2	AT	8'-8"	
132	TLT / SHOWER	PT-3	PT-4	PT-1,2	PT-1,2	PT-1,2	PT-1,2	GW6(SP)	8'-8"	
133	ON-CALL ROOM	CPT-1	RB	P-1	P-1	P-1	P-3	AT	8'-8"	
134	ON-CALL LOUNGE	LVT-1	RB	P-3	P-2	P-2	P-2	AT	9'-0"	
135	ON-CALL ROOM	CPT-1	RB	P-1	P-1	P-3	P-1	AT	8'-8"	
136	TLT / SHOWER	PT-3	PT-4	PT-1,2	PT-1,2	PT-1,2	PT-1,2	GW6(SP)	8'-8"	
137	ON-CALL ROOM	CPT-1	RB	P-1	P-2	P-1	P-1	AT	8'-8"	
138	OFFICE, MED. SERV. CHIEF	LVT-1	RB	P-1	P-3	P-1	P-1	AT	8'-8"	
139	PRINTER / SUPPLY	CPT-1	RB	-	P-2	-	P-1	AT	8'-8"	
140	WORK AREA, SECR.	CPT-1	RB	P-3	-	P-3	P-1	AT	8'-8"	
141	OFFICE, MED. ASSIST. CHIEF	LVT-1	RB	P-1	P-1	P-2	P-1	AT	8'-8"	
142	IT/DATA	EPY	RB	P-1	P-1	P-1	P-1	EXP	9'-0"	
143	ELEC	EPY	RB	P-3	P-3	P-3	P-3	EXP	9'-0"	
144	ELEC	EPY	RB	P-1	P-1	P-1	P-1	EXP	9'-0"	
145	CONFERENCE	CPT-1	RB	P-1	P-1	P-1	WC	AT	8'-8"	
145A	CONFERENCE	CPT-1	RB	P-1	P-1	P-1	WC	AT	8'-8"	
146	TLT. STAFF	PT-3	PT-4	PT-1,2	PT-1,2	PT-1,2	PT-1,2	AT	8'-8"	
1300	MAIN CORR.	TZ	RB	WP-2,P-1	WP-2,P-1	P-1	P-1	AT	9'-0"	R1
1310	SURG. ADMIN CORR.	LVT-1	RB	P-3	P-1	P-1	P-1	AT	9'-0"	
1320	MED. ADMIN CORR.	LVT-1	RB	P-3	P-2	P-3	P-3	AT	9'-0"	

FINISH SCHEDULE ABBREVIATION LIST

FLOORS
CPT CARPET TILE
LVT LUXURY VINYL TILE
PT-3 PORCELAIN TILE
EPY EPOXY FLOORING
TZ TERRAZZO FLOOR - SEE REMARK 1 BELOW
RF RUBBER SHEET FLOORING

BASE
PT-4 PORCELAIN TILE
RB RESILIENT BASE

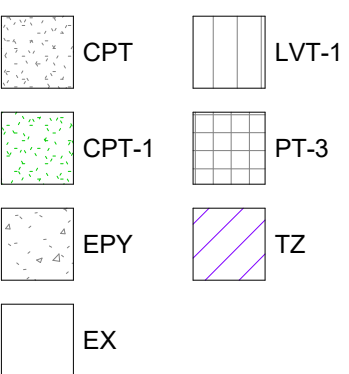
WALLS
PT-1,2 PORCELAIN TILE
P-X PAINT, TYPE X, COLOR Y
SP SPECIAL FACED
WC WALL COVERING
WSCT WAINSCOT

CEILINGS
AT ACOUSTICAL CEILING TILE
SP SPECIAL FACED
EXP EXPOSED

GENERAL
EXIST EXISTING

REMARKS
R1 EXISTING TERRAZZO FLOOR TO BE REPAIRED AND RESTORED.

FINISH LEGEND

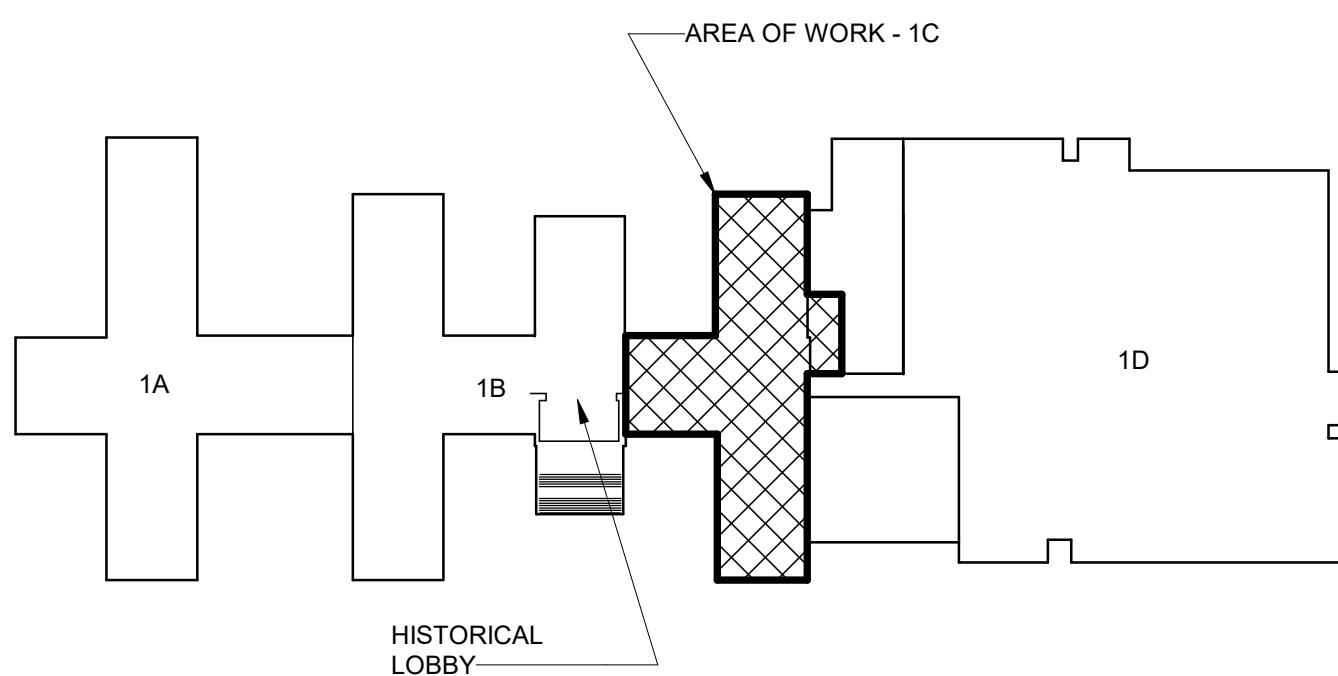


GENERAL NOTES: FINISHES

- SEE FINISH SCHEDULE, REFLECTED CEILING PLAN, AND SPECIFICATION 09 06 00 SCHEDULE OF FINISHES FOR ADDITIONAL INFORMATION.
- FLOORING TRANSITIONS TO OCCUR AT CENTERLINE OF DOOR OPENING, U.N.O.
- MECHANICAL GRILLES AND DIFFUSERS SHALL BE PAINTED TO MATCH ADJACENT WALL SURFACE, U.N.O.
- SEE ELECTRICAL DRAWINGS FOR EXIT SIGNAGE, FIRE AND LIFE SAFETY FIXTURES, RESCUE ASSISTANCE CALL STATIONS, SWITCHING AND CIRCUITING. THE NUMBER AND LOCATION OF EXIT SIGNS SHALL BE APPROVED BY COR PRIOR TO ROUGH-IN. VERIFY LOCATIONS WITH COR.
- CONTRACTOR TO VERIFY LAYOUT OF ELECTRICAL DEVICES WITH COR PRIOR TO INSTALLATION.
- VERIFY ELECTRICAL DEVICE AND COVER PLATE COLORS WITH COR PRIOR TO INSTALLATION.
- FURNITURE LOCATIONS FOR REPRESENTATION PURPOSES ONLY, CONFIRM EXACT LOCATIONS WITH VA & COR.
- CARPET SELECTION AND ALL OTHER INTERIOR FINISH SELECTIONS BY VA U.N.O.
- CONTRACTOR TO TEST EXISTING FLOOR SLAB(S) FOR MOISTURE AND PH PRIOR TO INSTALLATION OF NEW FLOORING AND PROVIDE TEST INFORMATION TO ARCHITECT AND COR. ALL FLOOR PREP TO BE INCLUSIVE IN CONTRACTOR BID.
- ALL EXISTING FLOORS TO BE LEVELED BY CONTRACTOR PRIOR TO INSTALLATION OF NEW FLOORING.
- GRAPHIC PATTERNS INDICATED ON FINISH PLAN FOR VISUAL PURPOSES ONLY. REFER TO SPECIFICATION 09 06 00 FOR SELECTED INSTALLATION TYPE.

KEYNOTES - FINISH PLAN

NOT USED



KEY PLAN - BLDG 1

NTS

1 PARTIAL FIRST FLOOR PLAN - 1C, FINISH

AF101

1/8" = 1'-0"

0' 4' 8' 16'
SCALE 1/8" = 1'-0"

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT

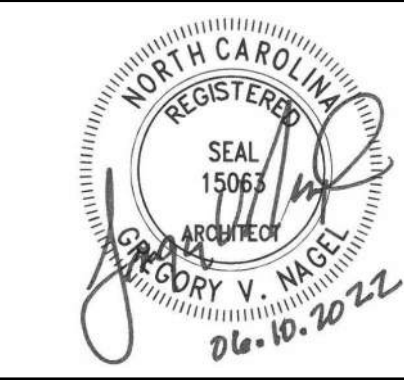
Consultant:

ARCHITECT/ENGINEER OF RECORD

NAGEL
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

PARTIAL FIRST FLOOR PLAN - 1C,
FINISH

Approved:

Phase

BID DOCUMENTS

FULLY

SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

DE

Drawn

TMO

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

AF101

A

B

C

D

E

F

A

B

A

B

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D

E

F

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B

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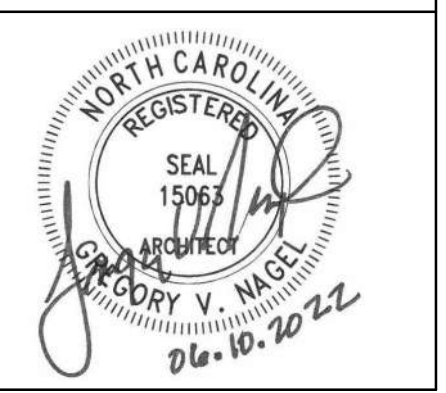
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BID DOCUMENTS (MOD P00002)	10 JUN 2022
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CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
NAGEL
architects + engineers
13100 watertown plank road suite 200 elm grove, wi 53122
Nagel Architects + Engineers project number: 19022

STAMP


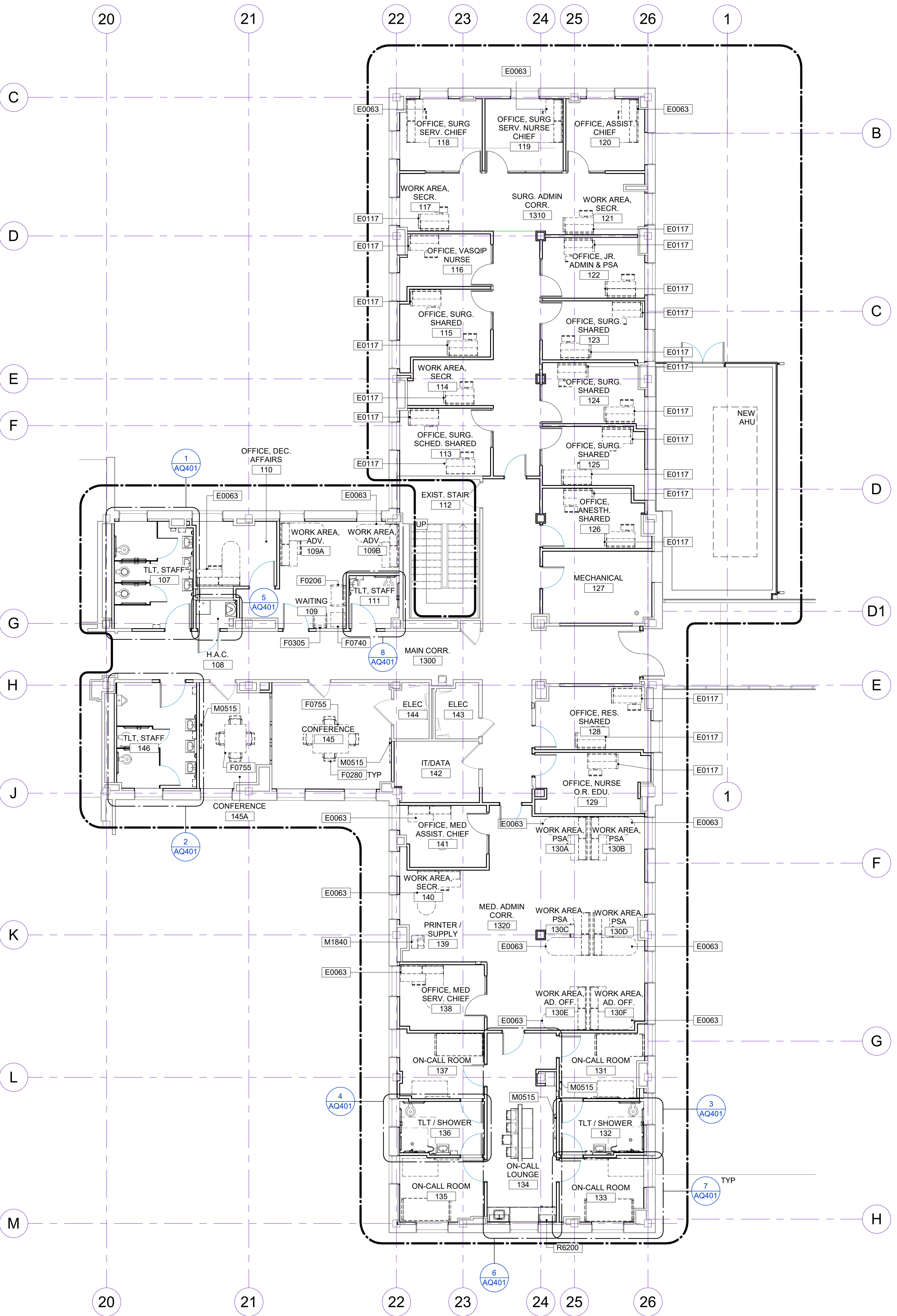
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
PARTIAL FIRST FLOOR PLAN - 1C, EQUIPMENT
Approved:

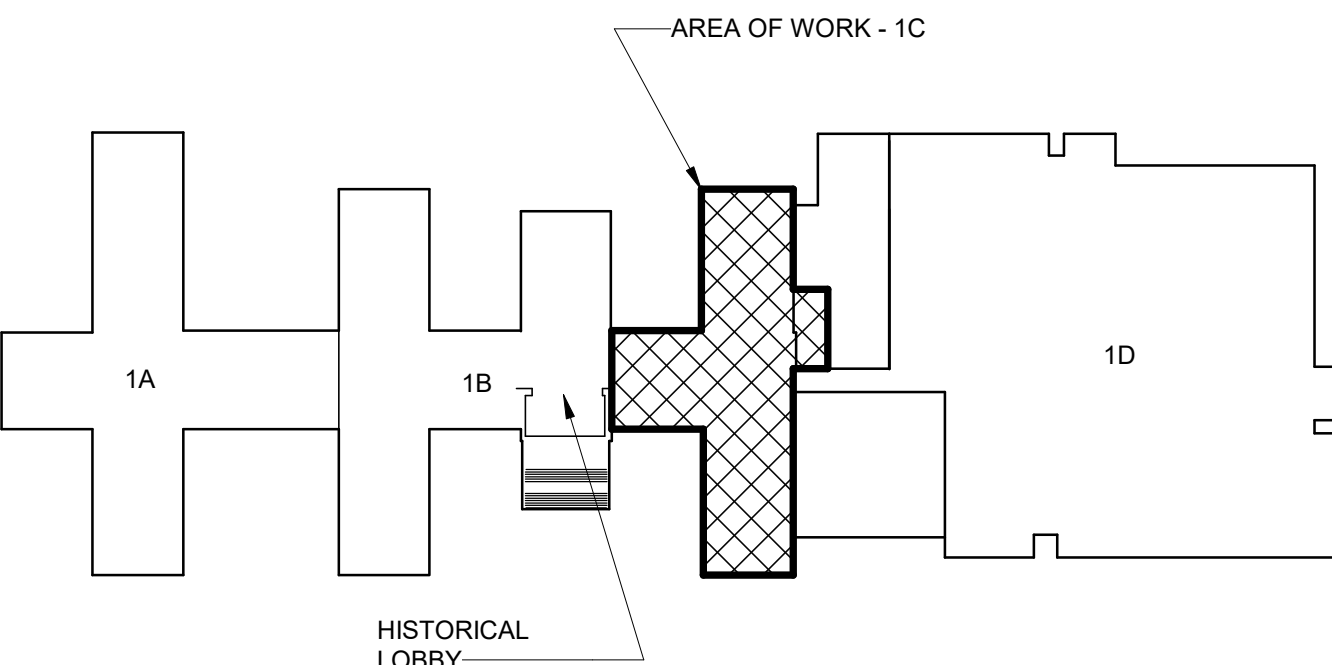
Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
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Checked
DE
Drawn
TMO

Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
AQ101



1 PARTIAL FIRST FLOOR PLAN - 1C, EQUIPMENT
AQ101 1/8" = 1'-0"



KEY PLAN - BLDG 1
NTS

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CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
<div><div><div><div><div></div><div>NAGEL</div><div>architects + engineers</div></div><div><div>13100 watertown plank road suite 200 elm grove, wi 53122</div><div>Nagel Architects + Engineers project number: 19022</div></div></div></div></div>

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
EQUIPMENT SCHEDULE
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
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Checked
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Drawn
TMO
Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
AQ601

EQUIPMENT ABBREVIATION LEGEND

- CC CONTRACTOR FURNISHED AND INSTALLED
VC GOV'T FURNISHED, CONTRACTOR INSTALLED
VV GOV'T FURNISHED AND INSTALLED

GENERAL EQUIPMENT NOTES

1. FOR TYPICAL MOUNTING HEIGHTS, SEE 12 / A101
2. FOR FIXTURE AND CONNECTION INFORMATION, SEE PLUMBING DRAWINGS AND SPECIFICATIONS.
3. FOR ELECTRICAL FIXTURES, RECEPTACLES, SWITCHES, ETC. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
4. FOR TOILET ACCESSORIES SEE SPECIFICATION 10 28 00 FOR ADDITIONAL INFORMATION.

REMARKS

- R1 CONTRACTOR TO PROVIDE IN WALL BLOCKING AS REQ'D FOR VA INSTALL. PROVIDE DATA/POWER/COAX AS INDICATED ON ELECTRICAL PLANS.

EQUIPMENT SCHEDULE			
ITEM	ACQ/INS	QTY	REMARKS
107 TLT, STAFF			
A1066 - Mirror, Float Glass	CC	2	
A1067 - Mirror, Float Glass, ADA Accessible 24"x 4"	CC	1	
A5075 - Dispenser, Soap 6"x 3"	VV	3	
A5082 - Dispenser, Paper Towel, Sensor, Hands Free 12"x 7"	VV	3	
A5090 - Dispenser, Sanitary Napkin, SS, Surface Mounted 9"x 5"	VV	1	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible	CC	2	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible - Vertical	CC	1	
A5109 - Grab Bar, 1.25" Dia, SS, 2 Wall, W-C Accessible	CC	4	
A5195 - Dispenser, Toilet Tissue, SS, 1-Roll, Surface MNTD	CC	3	
108 H.A.C.			
A5075 - Dispenser, Soap 6"x 3"	VV	1	
A5082 - Dispenser, Paper Towel, Sensor, Hands Free 12"x 7"	VV	1	
109 WAITING			
F0206 - Chair, Side, Bariatric, With Arms	VV	1	
F0305 - Chair, Waiting Room, Single	VV	1	
F0740 - Table, Occasional, Lamp 24"x 24"	VV	1	
109A WORK AREA, ADV.			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
109B WORK AREA, ADV.			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
110 OFFICE, DEC. AFFAIRS			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
111 TLT, STAFF			
A1066 - Mirror, Float Glass	CC	1	
A5075 - Dispenser, Soap 6"x 3"	VV	1	
A5082 - Dispenser, Paper Towel, Sensor, Hands Free 12"x 7"	VV	1	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible	CC	2	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible - Vertical	CC	1	
A5195 - Dispenser, Toilet Tissue, SS, 1-Roll, Surface MNTD	CC	1	
113 OFFICE, SURG. SCHED. SHARED			
E0117 - Workstation, Straight, Free Standing, 48W	VV	2	
114 WORK AREA, SECR.			
E0117 - Workstation, Straight, Free Standing, 48W	VV	1	
115 OFFICE, SURG. SHARED			
E0117 - Workstation, Straight, Free Standing, 48W	VV	2	
116 OFFICE, VASQIP NURSE			
E0117 - Workstation, Straight, Free Standing, 48W	VV	1	
117 WORK AREA, SECR.			
E0117 - Workstation, Straight, Free Standing, 48W	VV	1	
118 OFFICE, SURG SERV. CHIEF			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
119 OFFICE, SURG SERV. NURSE CHIEF			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
120 OFFICE, ASSIST. CHIEF			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
121 WORK AREA, SECR.			
E0117 - Workstation, Straight, Free Standing, 48W	VV	1	

EQUIPMENT SCHEDULE			
ITEM	ACQ/INS	QTY	REMARKS
122 OFFICE, JR. ADMIN & PSA			
E0117 - Workstation, Straight, Free Standing, 48W	VV	2	
123 OFFICE, SURG. SHARED			
E0117 - Workstation, Straight, Free Standing, 48W	VV	2	
124 OFFICE, SURG. SHARED			
E0117 - Workstation, Straight, Free Standing, 48W	VV	2	
125 OFFICE, SURG. SHARED			
E0117 - Workstation, Straight, Free Standing, 48W	VV	2	
126 OFFICE, ANESTH. SHARED			
E0117 - Workstation, Straight, Free Standing, 48W	VV	2	
128 OFFICE, RES. SHARED			
E0117 - Workstation, Straight, Free Standing, 48W	VV	2	
129 OFFICE, NURSE O.R. EDU.			
E0117 - Workstation, Straight, Free Standing, 48W	VV	1	
130A WORK AREA, PSA			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
130B WORK AREA, PSA			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
130C WORK AREA, PSA			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
130D WORK AREA, PSA			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
130E WORK AREA, AD. OFF.			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
130F WORK AREA, AD. OFF.			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
131 ON-CALL ROOM			
F0780 - Table, Work, 60W x 30D 60"x 36"	VV	1	
F2405 - Bed, Non-medical, Single	VV	1	
M0515 - Television, Plasma	VV	2	R1
132 TLT / SHOWER			
A1067 - Mirror, Float Glass, ADA Accessible 24"x 4"	CC	1	
A5075 - Dispenser, Soap 6"x 3"	VV	1	
A5082 - Dispenser, Paper Towel, Sensor, Hands Free 12"x 7"	VV	1	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible	CC	2	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible - Vertical	CC	1	
A5110 - Grab Bar, 1.25 Dia, .SS, 2 Wall, Shower Use 24"x 3"	CC	1	
A5110 - Grab Bar, 1.25 Dia, .SS, 2 Wall, Shower Use 36"x 3"	CC	1	
A5180 - Track, Cubicle, with Curtain 11"x 12"	VC	1	
A5195 - Dispenser, Toilet Tissue, SS, 1-Roll, Surface MNTD	CC	1	
133 ON-CALL ROOM			
F0780 - Table, Work, 60W x 30D 60"x 36"	VV	1	
F2405 - Bed, Non-medical, Single	VV	1	
M0515 - Television, Plasma	VV	1	R1
134 ON-CALL LOUNGE			
M0515 - Television, Plasma	VV	1	R1
R6200 - Refrigerator, U-C or F-S, 5 Cu Ft	VV	1	
135 ON-CALL ROOM			
F0780 - Table, Work, 60W x 30D 60"x 36"	VV	1	
F2405 - Bed, Non-medical, Single	VV	1	
M0515 - Television, Plasma	VV	1	R1
136 TLT / SHOWER			
A1067 - Mirror, Float Glass, ADA Accessible 24"x 4"	CC	1	
A5075 - Dispenser, Soap 6"x 3"	VV	1	
A5082 - Dispenser, Paper Towel, Sensor, Hands Free 12"x 7"	VV	1	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible	CC	2	
A5110 - Grab Bar, 1.25 Dia, .SS, 2 Wall, Shower Use 24"x 3"	CC	1	
A5110 - Grab Bar, 1.25 Dia, .SS, 2 Wall, Shower Use 36"x 3"	CC	1	
A5180 - Track, Cubicle, with Curtain 11"x 12"	VC	1	
A5195 - Dispenser, Toilet Tissue, SS, 1-Roll, Surface MNTD	CC	1	
137 ON-CALL ROOM			
F0780 - Table, Work, 60W x 30D 60"x 36"	VV	1	
F2405 - Bed, Non-medical, Single	VV	1	
M0515 - Television, Plasma	VV	1	R1
138 OFFICE, MED SERV. CHIEF			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
139 PRINTER / SUPPLY			
M1840 - Printer/Copier/Fax Combination	VV	1	
140 WORK AREA, SECR.			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
141 OFFICE, MED ASSIST. CHIEF			
E0063 - Workstation, L-Shaped w/ Peninsula, Wall Mtd, 72x72 75"x 73"	VV	1	
145 CONFERENCE			
F0280 - Chair, Swivel, Low Back 23"x 23"	VV	4	
F0755 - Table, Conference, Wood, Small	VV	1	
M0515 - Television, Plasma	VV	1	R1
145A CONFERENCE			
F0280 - Chair, Swivel, Low Back 23"x 23"	VV	4	
F0755 - Table, Conference, Wood, Small	VV	1	
M0515 - Television, Plasma	VV	1	R1
146 TLT, STAFF			
A1066 - Mirror, Float Glass	CC	2	
A1067 - Mirror, Float Glass, ADA Accessible 24"x 4"	CC	1	
A5075 - Dispenser, Soap 6"x 3"	VV	3	
A5082 - Dispenser, Paper Towel, Sensor, Hands Free 12"x 7"	VV	3	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible	CC	2	
A5109 - Grab Bar, 1.25 in Dia, SS, 2 Wall, W-C Accessible - Vertical	CC	1	
A5109 - Grab Bar, 1.25" Dia, SS, 2 Wall, W-C Accessible	CC	2	
A5195 - Dispenser, Toilet Tissue, SS, 1-Roll, Surface MNTD	CC	2	
1310 SURG. ADMIN CORR.			
M0515 - Television, Plasma	VV	1	R1



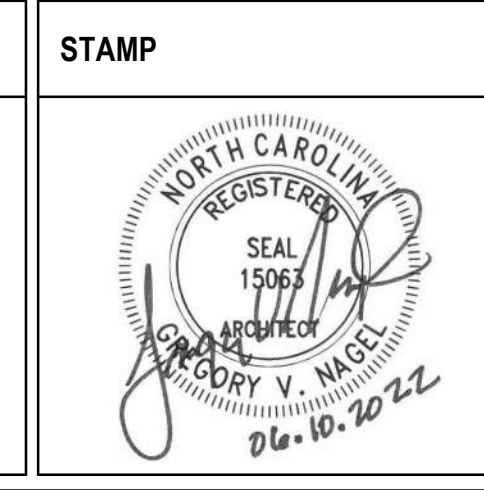
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CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
NAGEL architects + engineers
13100 watertown plank road suite 200 dtn arden, wi 53122
Nagel Architects + Engineers project number: 19022



Drawing Title
PARTIAL FIRST FLOOR PLAN - 1C, WALL PROTECTION
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
10 JUN 2022
Checked
DE
Drawn
TMO

Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
AW101

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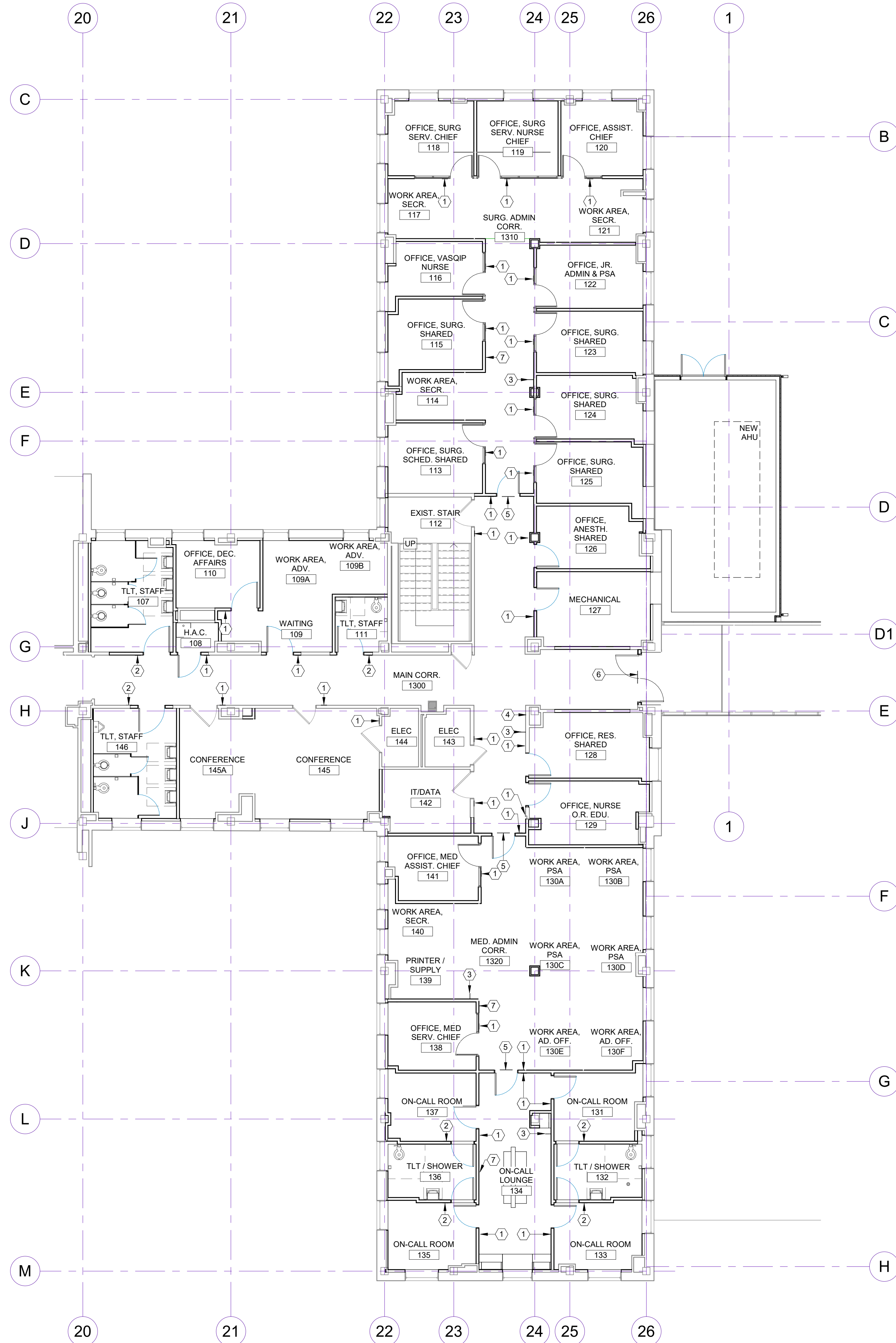
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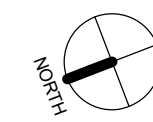
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B CO601 Satin Silver Font: Helvetica ADA	D Natural	F Media: White Paper Font: Helvetica Bold Graphics/Copy Color: Espresso

NOTE: FOR ADDITIONAL INFORMATION REFER TO FAYETTEVILLE VAMC
CONCEPTUAL INTERIOR ARCHITECTURAL SIGNAGE STANDARD

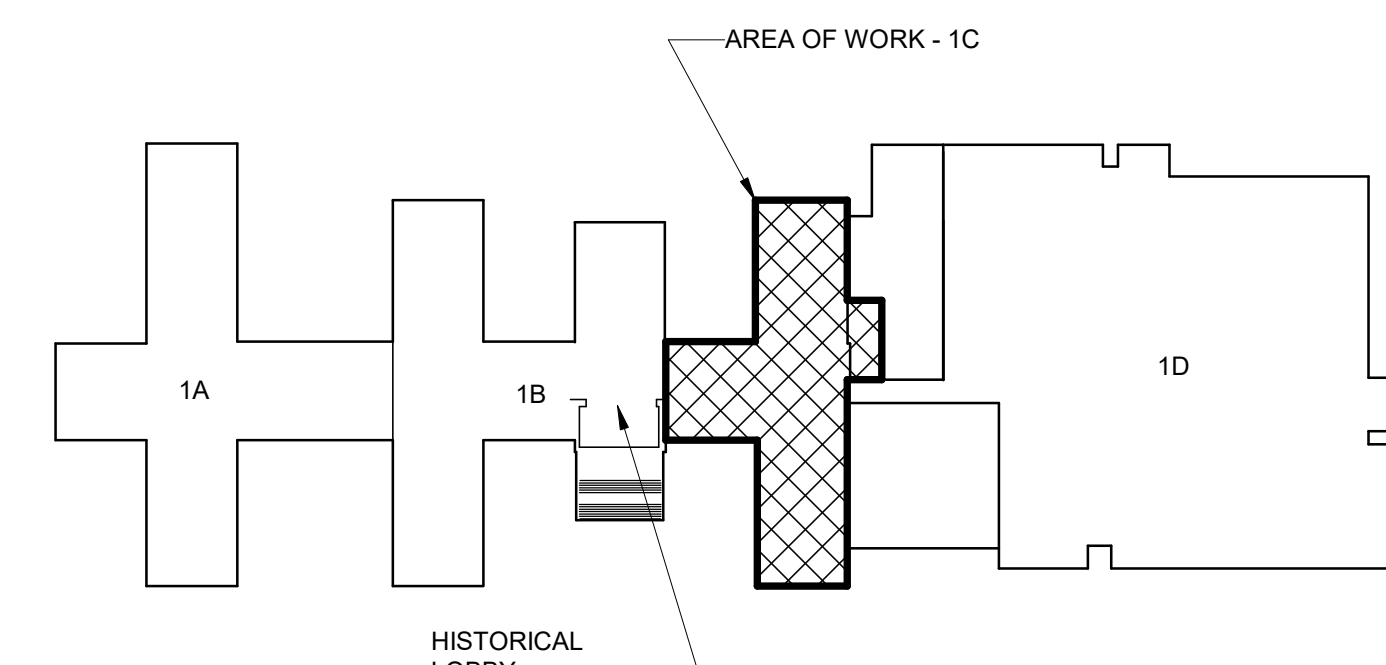


1 PARTIAL FIRST FLOOR PLAN - 1C, WAYFINDING
1/8" = 1'-0"



0' 4' 8' 16'
SCALE 1/8" = 1'-0"

KEY PLAN - BLDG 1
NTS



GENERAL NOTES - WAYFINDING

- ALL SIGNAGE TYPES DESIGNATED BY THEIR VA SIGN TYPE NUMBER. REFER TO VA SIGNAGE DESIGN GUIDE & SPECIFICATION 10 14 00 FOR ADDITIONAL DETAILS.
- SIGNAGE COLORS, TEXT, AND STYLES ARE FOR REPRESENTATION ONLY. FACILITY STANDARDS TO BE CONFIRMED BY VA.

KEYNOTES - WAYFINDING

- SIGN TYPE 1 - ROOM ID
- SIGN TYPE 2 - RESTROOM ID
- SIGN TYPE 3 - FEC IDENTIFICATION SIGN
- SIGN TYPE 4 - WALL MOUNTED DIRECTIONAL SIGN
- SIGN TYPE 5 - OVERHEAD SUITE SIGN
- SIGN TYPE 6 - OVERHEAD DIRECTIONAL SIGN
- SIGN TYPE 7 - EXIT PLAN

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CONSULTANT

Consultant:

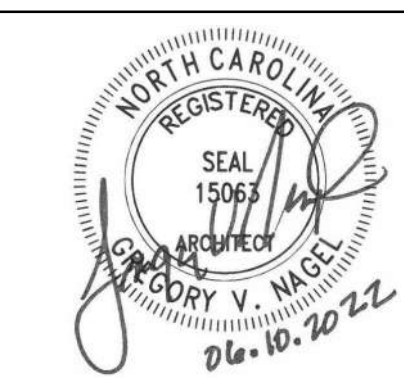
ARCHITECT/ENGINEER OF RECORD

NAGEL
architects + engineers

13100 watertown plank road
suite 200
elm grove, WI 53122

Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

PARTIAL FIRST FLOOR PLAN - 1C,
WAYFINDING

Approved:

Phase

BID DOCUMENTS

FULLY
SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date
10 JUN 2022

Checked
DE

Drawn
TMO

Project Number

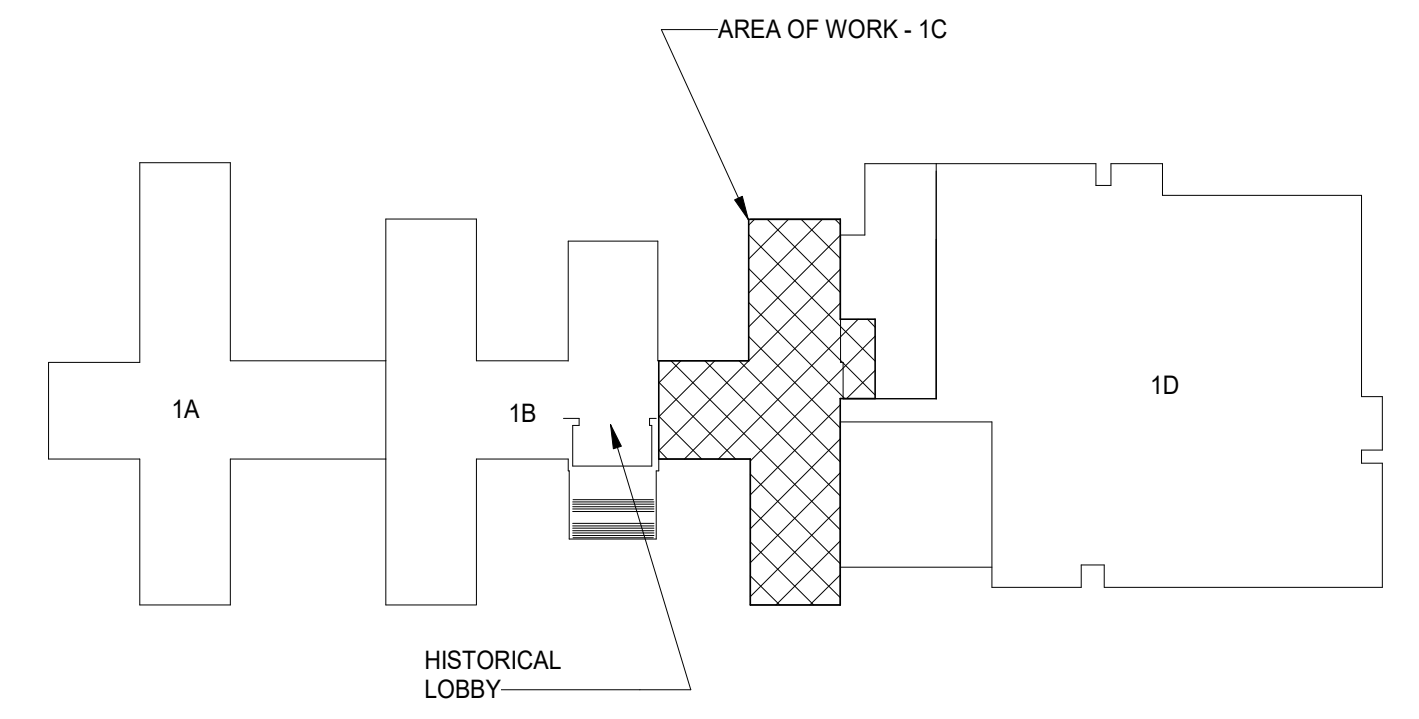
565-19-101

Building Number
BLDG 1



Drawing Number

AW102

ALL AREAS ARE PRESENTLY PROTECTED BY A 100% WET PIPE FIRE SUPPRESSION SYSTEM. CONTRACTOR SHALL MODIFY THE SYSTEM AS REQUIRED TO MAINTAIN PROTECTION OF THE ENTIRE PROPERTY WITH NFPA 13, NORTH CAROLINA BUILDING CODE AND SPECIFICATIONS. THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING DEMOLITION TO PREVENT DAMAGE TO THE REMAINING PLASTER, PLASTER SERVICE, OR SAFETY PROPERTIES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC., OF EACH UTILITY. ALL WORK SHALL BE ACCORDING TO ALL APPLICABLE ORDINANCES, PERMITS, LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS. WHERE WORK IS REQUIRED ABOVE EXISTING LAY-IN PLASTER OR GYPSUM CEILING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING OR TILE AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. ALL PAYMENT FOR WORK SHALL BE MADE TO THE CONTRACTOR. THE CONTRACTOR SHALL BE AWARE OF UNSEEN PLUMBING, HVAC AND ELECTRICAL WORK DURING DEMOLITION. IF ITEMS ARE UNCOVERED DURING DEMOLITION THE CONTRACTOR SHALL STOP WORK AND THE PLANS AN ALTERNATE ROUTE TO RUN THESE ITEMS, THEN THE CONTRACTOR TO REVIEW THE ROUTING.



 **KEY PLAN - BLDG 1**
NTS

BID DOCUMENTS (MOD P00002) CONSTRUCTION DOCUMENTS 100% (MOD P00002) CONSTRUCTION DOCUMENTS 95% (MOD P00002) MOD P00002 PROGRESS SET DESIGN DEVELOPMENT 60% SCHEMATIC DESIGN 30% CONCEPTUAL DESIGN 15% Revisions:		10 JUN 2022 4 MAY 2022 18 JAN 2022 10 DEC 2021 09 APR 2020 28 JAN 2020 27 NOV 2019 Date:	CONSULTANT <u>Consultant:</u> CMTA CONSULTING ENGINEERS, INC 10411 MEETING STREET PROSPECT, KY 40059 POC	ARCHITECT/ENGINEER OF RECORD  architects + engineers 13100 watertown plank road suite 200 elm grove, wi 53122 Nagel Architects + Engineers project number: 19022	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title PARTIAL FIRST FLOOR PLAN - 1C - FIRE PROTECTION DEMOLITION Approved:	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title RENOVATE 1C SURGICAL SUITE Location 2300 RAMSEY ST, FAYETTEVILLE, NC 28301 Issue Date 10 JUN 2022 Checked HCK Drawn DCR	Project Number 565-19-101 Building Number BLDG 1 Drawing Number FD101
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1
FP101
PARTIAL FIRST FLOOR PLAN - 1C - FIRE PROTECTION
1/8" = 1'-0"

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
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CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT

Consultant:
CMTA CONSULTING ENGINEERS, INC
10411 MEETING STREET
PROSPECT, KY 40059

POC

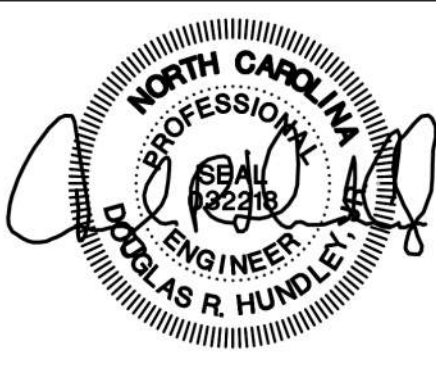
ARCHITECT/ENGINEER OF RECORD

nagel
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122

Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

PARTIAL FIRST FLOOR PLAN - 1C -
FIRE PROTECTION

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

HCK

Drawn

DCR

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

FP101

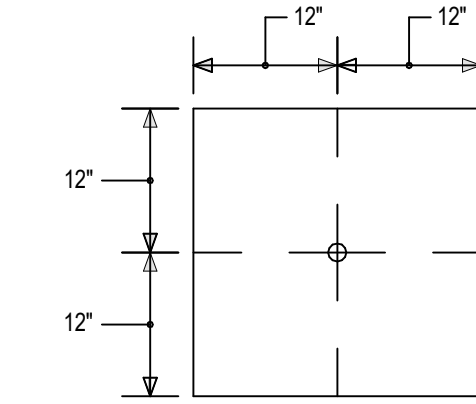
FIRE PROTECTION DESIGN CRITERIA (NFPA 13 - 2016 EDITION)

HAZARD	AREA	DESIGN CRITERIA	HOSE (GPM)	MAX SPACING	DESIGN BASIS
LIGHT HAZARD	OFFICE AREA / PUBLIC AREA / CORRIDORS / RESTROOMS / LOBBY	0.10/1500 SQFT	100	225 SQFT	NFPA 13 SECTIONS 5.2, 11.2.3.2 & TABLE 11.2.3.1.2
ORDINARY HAZARD GROUP 1	ELECTRICAL / MECHANICAL / STORAGE / SERVER / IT SERVER	0.15/1500 SQFT	250	130 SQFT	NFPA 13 SECTIONS 5.3.1, 11.2.3.2 & TABLE 11.2.3.1.2
ORDINARY HAZARD GROUP 2	STORAGE	0.20/1500 SQFT	250	130 SQFT	NFPA 13 SECTIONS 5.3.1, 11.2.3.2 & TABLE 11.2.3.1.2

MINIMUM REQUIRED SAFETY FACTOR: 10%

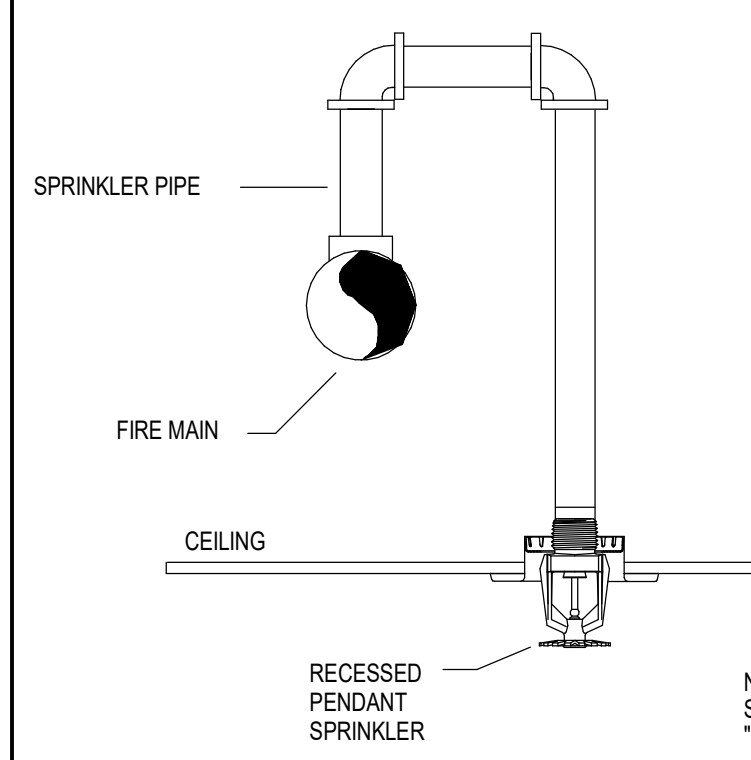
NOTES:

1. THE HYDRAULIC AREA OF OPERATION MAY NOT BE REDUCED AS ALLOWED BY NFPA 13 FOR AREAS UTILIZING QUICK RESPONSE SPRINKLERS FOR NEW SYSTEM INSTALLATIONS OR UNFINISHED SHIEL SPACES.
2. HYDRAULIC AREA OF OPERATION SHALL BE INCREASED (CUMULATIVELY) WITHOUT REVISING THE DENSITY FOR THE FOLLOWING APPLICATIONS:
 - A. INCREASED BY 30% FOR AREAS WITH SLOPED CEILINGS WITH A PITCH EXCEEDING 1 IN 6 (16.7%) SLOPE IN ACCORDANCE WITH NFPA 13 11.2.3.2.4.
 - B. INCREASED BY 30% FOR DRY-PIPE AND DOUBLE INTERLOCK PRE-ACTION SYSTEMS, IN ACCORDANCE WITH NFPA 13 11.2.3.2.5.
 - C. INCREASED TO 3,000 SQFT IF THE BUILDING HAS ADJACENT, NON-SPRINKLED COMBUSTIBLE SPACES.
3. THE ABOVE CRITERIA NOTED DOES NOT PRECLUDE THE USE OF EXTENDED COVERAGE OR LISTED SPECIAL APPLICATION SPRINKLERS THAT ARE DESIGNED AND INSTALLED IN ACCORDANCE WITH THEIR LISTING AND MANUFACTURER REQUIREMENTS.
4. THE HOSE STREAM ALLOWANCE SHALL BE PROVIDED AT THE BASE OF RISER.



2x2 CEILING TILE DETAIL

NTS



RETURN BEND DETAIL

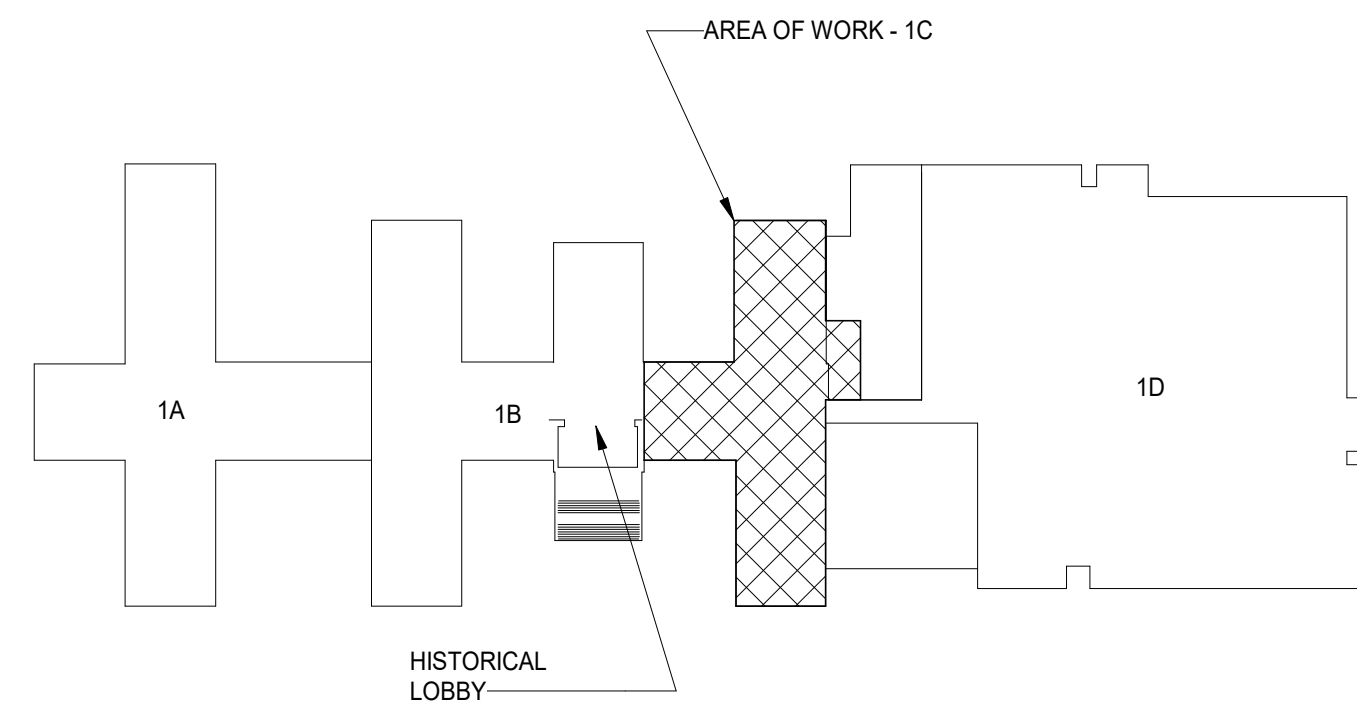
NTS

GENERAL NOTES - FIRE PROTECTION

- A. ALL AREAS SHALL BE PROTECTED BY A 100% WET PIPE FIRE SUPPRESSION SYSTEM. THE SUCCESSFUL FIRE PROTECTION CONTRACTOR SHALL DESIGN AND INSTALL A COMPLETE, FUNCTIONAL FIRE PROTECTION SYSTEM IN STRICT ACCORDANCE WITH NFPA-13, NORTH CAROLINA BUILDING CODES, VA DESIGN STANDARDS AND THE PROJECT SPECIFICATIONS.
- B. THE SUCCESSFUL FIRE PROTECTION CONTRACTOR SHALL OBTAIN AND UTILIZE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR LAYING OUT THE SPRINKLER HEADS. THE REFLECTED CEILING PLANS SHOWN ARE TO COORDINATE CEILING TYPES AND LOCATIONS. REFER TO THE MECHANICAL AND ELECTRICAL DRAWINGS FOR CEILING DEVICE LOCATIONS. REFER TO THE SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS.
- C. INSTALL HEADS IN CENTER OF 2'X2' TILES.
- D. REFER TO A COMPLETE SET OF DOCUMENTS (ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL PLANS AND SPECIFICATIONS) FOR COORDINATION OF TRADES, ROOMS, STRUCTURE AND EQUIPMENT. HVAC DUCTWORK MAINS SHALL BE INSTALLED PRIOR TO FIRE PROTECTION PIPING. PROVIDE DRAIN VALVES IN THE FIRE PROTECTION SYSTEM WHERE REQUIRED TO COMPLETELY DRAIN THE SYSTEM.
- E. REFER TO THE SPECIFICATIONS FOR SPRINKLER HEAD TYPES.
- F. PROVIDE ALL REQUIRED DRAIN PIPING TO TEST FLOW SWITCHES. DISCHARGE DRAIN PIPING TO OUTDOORS OR A FLOOR DRAIN.
- G. SIZE ALL FIRE PROTECTION PIPING IN ACCORDANCE WITH NFPA 13. PIPE SIZING SHALL BE ACCOMPLISHED USING HYDRAULIC CALCULATIONS.
- H. THE CONTRACTOR WILL BE RESPONSIBLE FOR SUBMITTING HYDRAULIC CALCULATIONS AND SYSTEMS DESIGN FOR REVIEW TO THE FIRE ENGINEER OR THE CONTRACTOR MAY PROVIDE A SIGNED AND SEALED LETTER, APPROVED BY BOTH THE OWNER AND AUTHORITY HAVING JURISDICTION, STATING THE HYDRAULIC DEMAND OF THE NEW WORK WILL BE LESS THAN OR EQUAL TO THAT OF THE EXISTING HYDRAULIC DEMAND AND IS DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13.
- I. WHERE WORK IS REQUIRED ABOVE EXISTING LAY-IN, PLASTER OR GYPSUM BOARD CEILINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING OR TILE AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. ALL PATCHING WORK SHALL MATCH ADJACENT SURFACES.
- J. ALL NEW WORK SHALL BE HUNG FROM STRUCTURE, NOT FROM THE WORK OF OTHER TRADES, WHETHER EXISTING OR NEW.
- K. PATCH, REPAIR AND PAINT OR PROVIDE WALL COVERING FOR (TO OWNER'S STANDARDS) EXISTING WALLS, CEILINGS, ETC., THAT ARE TO REMAIN IF DAMAGED DURING CONSTRUCTION. REPAIRS SHALL MATCH ADJACENT SURFACES TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
- L. ALL PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE APPROPRIATELY FIRE STOPPED PER AN APPROVED U.L. LISTED STANDARD. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO INSULATED PIPING PENETRATIONS.
- M. WHERE CEILINGS ARE INDICATED ALL SPRINKLER PIPING MUST BE INSTALLED ABOVE CEILINGS. SPRINKLER PIPING MUST BE COORDINATED WITH OTHER TRADES. PIPING MUST BE OFFSET TO AVOID CONFLICTS WITH DUCTWORK, CONDUIT, ALL EQUIPMENT, ETC.

FIRE PROTECTION LEGEND

FIRE PROTECTION PIPING TO BE REMOVED	--- E(FP) ---
NEW FIRE PROTECTION PIPING	--- FP ---
EXISTING FIRE PROTECTION PIPING	--- E(FP) ---
SCOPE OF WORK	--- S ---
POINT OF DEMOLITION TERMINATION	◆
CONNECT TO EXISTING	●



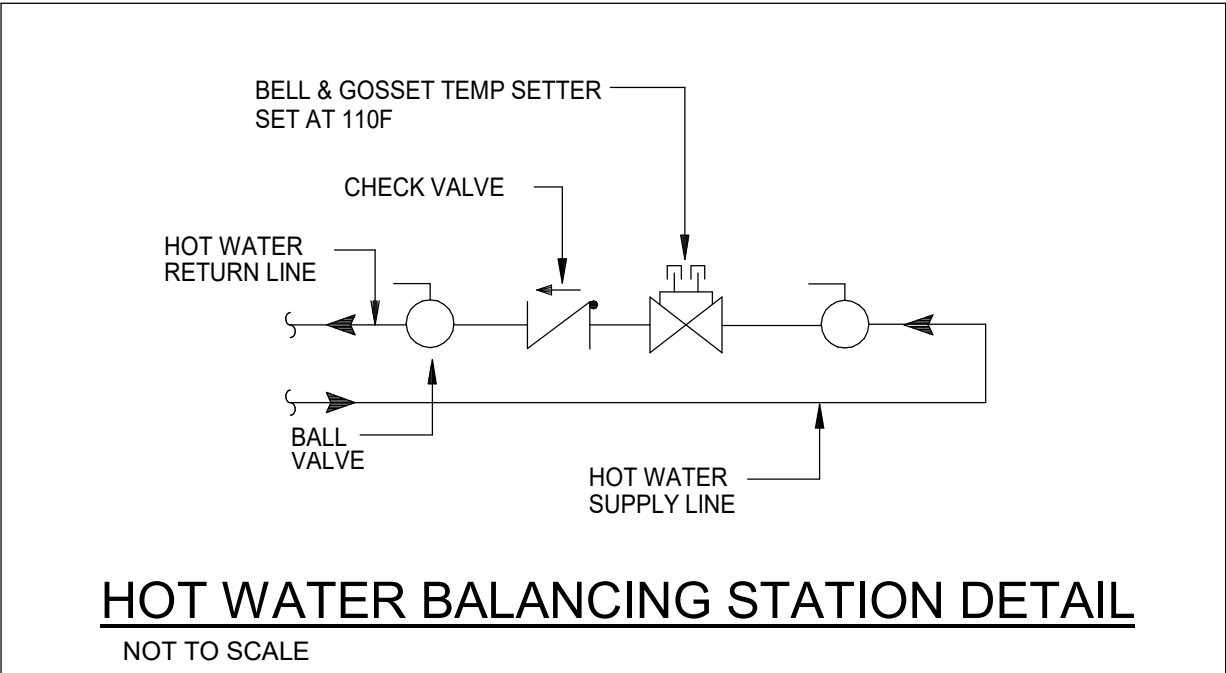
KEY PLAN - BLDG 1

NTS

PLUMBING FIXTURE SCHEDULE					
DESIGNATOR	FIXTURE	CW	HW	SAN	VENT
P-101	WATER CLOSET - FLUSH VALVE, WALL MOUNTED - ADA	1 1/4"	---	4"	2"
P-202	URINAL - ADA	3/4"	---	2"	1 1/2"
P-414	LAVATORY - WALL HUNG, BACKSPLASH - ADA	1/2"	1/2"	1 1/2"	1 1/2"
P-502	JANITOR MOP SINK	3/4"	3/4"	3"	1 1/2"
P-528	SINGLE COMPARTMENT - 19"X18" - STAINLESS STEEL SINK	1/2"	1/2"	1 1/2"	1 1/2"
P-701	SHOWER FITTINGS	3/4"	3/4"	---	---
P-812	AUXILIARY DRAIN BOX (WATER CONNECTIONS NOT REQUIRED)	---	---	2"	1 1/2"
FD-C	GENERAL BATHROOM FLOOR DRAIN	---	---	3"	---
FD-G	MECHANICAL ROOM FLOOR DRAIN W/ TRAP PRIMER	---	---	4"	2"

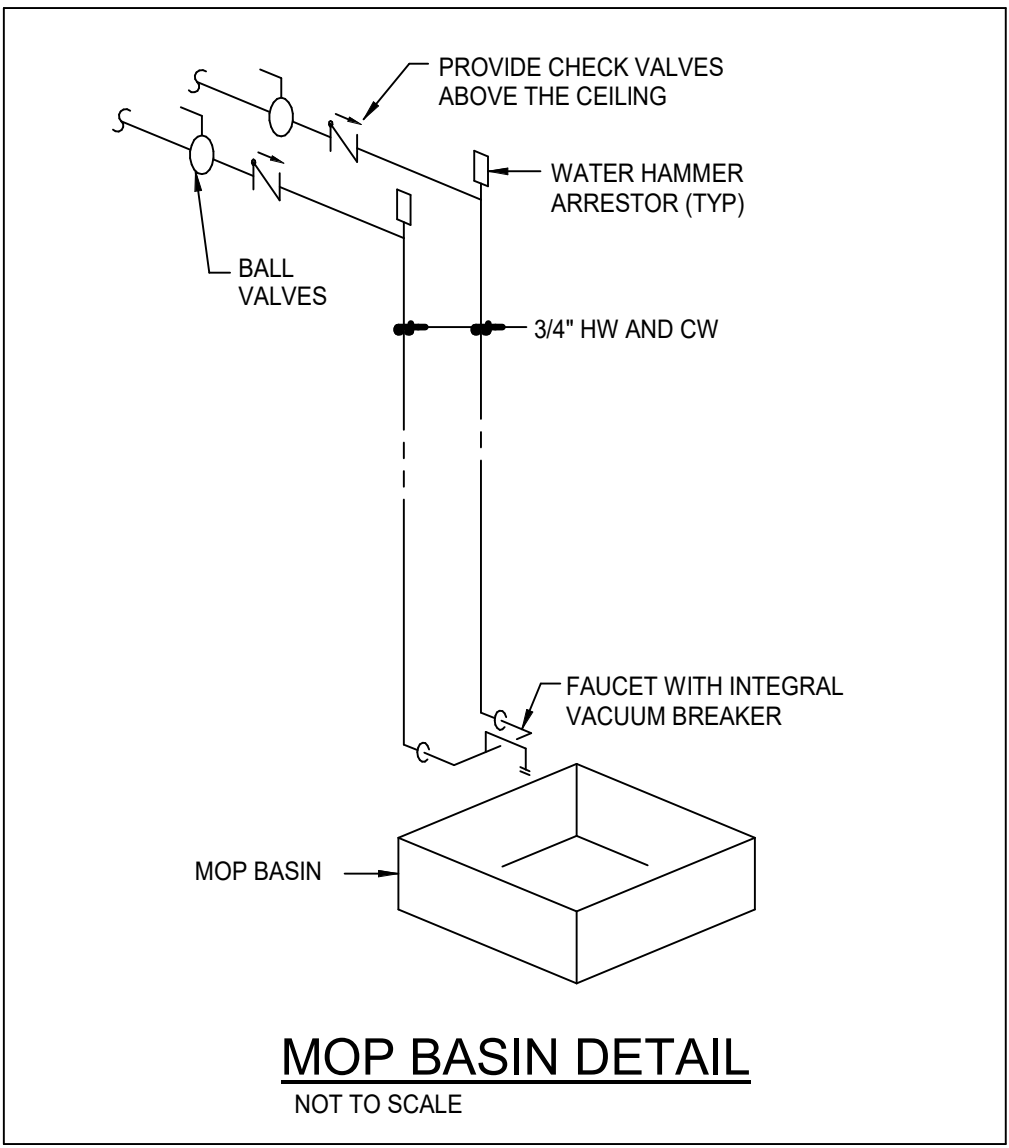
NOTES:

- PIPE SIZES ARE AS INDICATED UNLESS OTHERWISE NOTED ON FLOOR PLANS AND RISER DIAGRAMS
- MINIMUM 2" SANITARY PIPING UNDERGROUND. PROVIDE ALL REQUIRED PIPING TO FIXTURES INDICATED ON THE FLOOR PLANS. INDICATED WITH A "E" DESIGNATION. PROVIDE PIPING OF SIZE INDICATED IN THIS SCHEDULE.
- PIPE ALL EQUIPMENT (SUPPLIED BY OTHERS) AS REQUIRED TO OBTAIN A FULL AND OPERATIONAL SYSTEM. PROVIDE BACKFLOW PROTECTION AS/IF REQUIRED BY THE DETAILS. ALL EQUIPMENT SHALL BE CONNECTED PER THE MANUFACTURER'S REQUIREMENTS. THE PLUMBING CONTRACTOR SHALL ALSO INSTALL ANY DRAIN PIPING CONNECTIONS AND SPILL INDIRECTLY TO EITHER AN OPEN RECEPTACLE OR FLOOR DRAIN. REFER TO ARCHITECTURAL PLANS FOR EXACT PLACEMENT OF ALL EQUIPMENT.



PLUMBING DEMOLITION NOTES:

- ANY WORK REQUIRED OUTSIDE OF THE PROJECTS LIMITS SHALL BE PERFORMED AT NIGHTS OR ON WEEKENDS AND SCHEDULED THROUGH THE COR.
- INACCESSIBLE PIPING BURIED IN EXISTING WALLS REMAINING AND CONCRETE SLABS MAY BE ABANDONED IN PLACE.
- PATCH HOLES IN WALLS, FLOORS, CEILINGS, ROOF, ETC. TO MATCH ADJACENT SURFACES AS A RESULT OF DEMOLITION TO PLUMBING SYSTEMS. PATCH SHALL BE PERFORMED BY QUALIFIED TRADESMAN. PAINT ALL WALLS FROM CORNER TO CORNER TO MATCH ADJACENT CONDITIONS.
- WHERE WORK IS REQUIRED ABOVE EXISTING CEILINGS AND/OR OUTSIDE OF WORK SCOPE AREA, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR CUT, PATCH, REMOVAL, AND REINSTALLATION (OR REPLACEMENT IF DAMAGED) OF ALL CEILING TILES, HARD CEILINGS, AND GRID MEMBERS NECESSARY TO PERFORM THE WORK. THIS SHALL BE PERFORMED AT THIS CONTRACTOR'S EXPENSE.
- MECHANICAL CONTRACTOR SHALL CLEAN UP CONSTRUCTION DEBRIS DURING AND AFTER DEMOLITION.
- REMOVE ALL EXISTING ABANDONED PIPING ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.
- PLUMBING SCOPE OF WORK INCLUDES THE REMOVAL OF ALL EXISTING PLUMBING FIXTURES IN SCOPE OF WORK AREA UNLESS OTHERWISE NOTED. REMOVE ALL PIPING TO THESE FIXTURES BEING REMOVED AND CAP AT MAINS AS REQUIRED BY CODE. ALL SANITARY PIPING SHALL BE REMOVED AS REQUIRED TO PREVENT "DEAD LEGS" IN SANITARY SYSTEM. REFER TO ARCHITECTURAL PLANS FOR EXTEND OF DEMOLITION WORK.



PLUMBING GENERAL NOTES:

- COORDINATE THE LOCATION OF DRAINS WITH ALL CASEWORK EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC., PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. ALL WORK SHALL BE PERFORMED IN ACCORD WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORD WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
- WHERE WORK IS REQUIRED ABOVE EXISTING LAY-IN, PLASTER OR GYPSUM BOARD CEILINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING OR TILE AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. ALL PATCHING WORK SHALL MATCH ADJACENT SURFACES.
- ALL NEW WORK SHALL BE HUNG FROM STRUCTURE, NOT FROM THE WORK OF OTHER TRADES, WHETHER EXISTING OR NEW.
- OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT AS DIRECTED BY THE VA.
- CONTRACTOR SHALL BE AWARE OF UNSEEN PLUMBING WORK DURING DEMOLITION. IF ITEMS ARE UNCOVERED DURING DEMOLITION THEN FIELD VERIFY THE USE OF THE ITEMS AND PLAN AN ALTERNATE ROUTE TO RUN THESE ITEMS. THEN CONTACT THE COR TO REVIEW THE ROUTING.
- ALL PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE APPROPRIATELY FIRE STOPPED PER AN APPROVED U.L. LISTED STANDARD. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO INSULATED PIPING PENETRATIONS.
- LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE THE DRAWINGS.
- ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
- DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT USED AS BASIS OF DESIGN SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- VALVES, BALANCING DAMPERS OR ANY MECHANICAL/ELECTRICAL ITEM REQUIRING ACCESS SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED UNDER THE ITEM TO ALLOW EASY MAINTENANCE AND ADJUSTMENT. ADDITIONALLY ALL SUCH ITEMS SHALL NOT BE LOCATED AN UNREASONABLE DISTANCE ABOVE THE CEILINGS. IN GENERAL ALL SUCH ITEMS UNLESS INDICATED OTHERWISE SHALL BE MOUNTED SIX TO TWELVE INCHES ABOVE THE CEILING. IF IN DOUBT, CONTACT ENGINEER PRIOR TO INSTALLING.

SYMBOLS & ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR		POINT OF CONNECTION
CW	DOMESTIC COLD WATER		LIMIT OF DEMOLITION
DN	DOWN		PIPE ELBOW TURNING UP/TURNING DOWN
HB	HOSE BIBB		PIPE TEE TURNING UP/TURNING DOWN
HW	DOMESTIC HOT WATER		FIRE PROTECTION LINE
NTS	NOT TO SCALE		SANITARY WASTE PIPING
NIC	NOT IN CONTRACT		STORM SEWER PIPING
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED		VENT PIPING
OFOI	OWNER FURNISHED, OWNER INSTALLED		EXISTING PIPING (THIN LINE)
OR	OPEN RECEPTACLE		DOMESTIC COLD WATER PIPING
PRV	PRESSURE REDUCING VALVE (STEAM, WATER, OR GAS)		DOMESTIC HOT WATER SUPPLY
PSI	POUNDS PER SQUARE INCH		DOMESTIC RECIRCULATING HOT WATER
RHW	DOMESTIC RECIRCULATING HOT WATER		CLEANOUT IN CEILING SPACE
TP	TRAP PRIMER		FLOOR CLEANOUT
TYP	TYPICAL		EXTERIOR CLEANOUT
UON	UNLESS OTHERWISE NOTED		BALANCING VALVE
VTR	VENT THRU ROOF		BALL VALVE
			STRAINER
			CHECK VALVE
			DOUBLE CHECK VALVE ASSEMBLY
			PIPING UNION
			VACUUM BREAKER
			FLOOR DRAIN DESIGNATOR
			PLUMBING FIXTURE DESIGNATOR
			TAGGED NOTE DESIGNATOR
			REVISION DESIGNATOR
			SCOPE OF WORK

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
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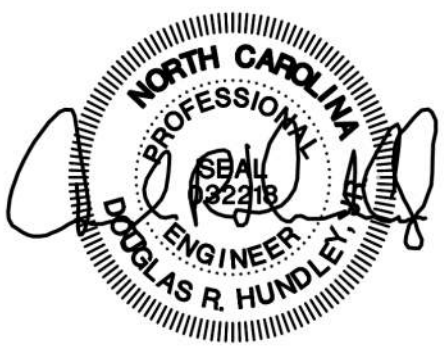
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Office of
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Drawing Title

PLUMBING LEGEND, SCHEDULES
& DETAILS

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date
10 JUN 2022

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Project Number

565-19-101

Building Number

BLDG 1

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PL001

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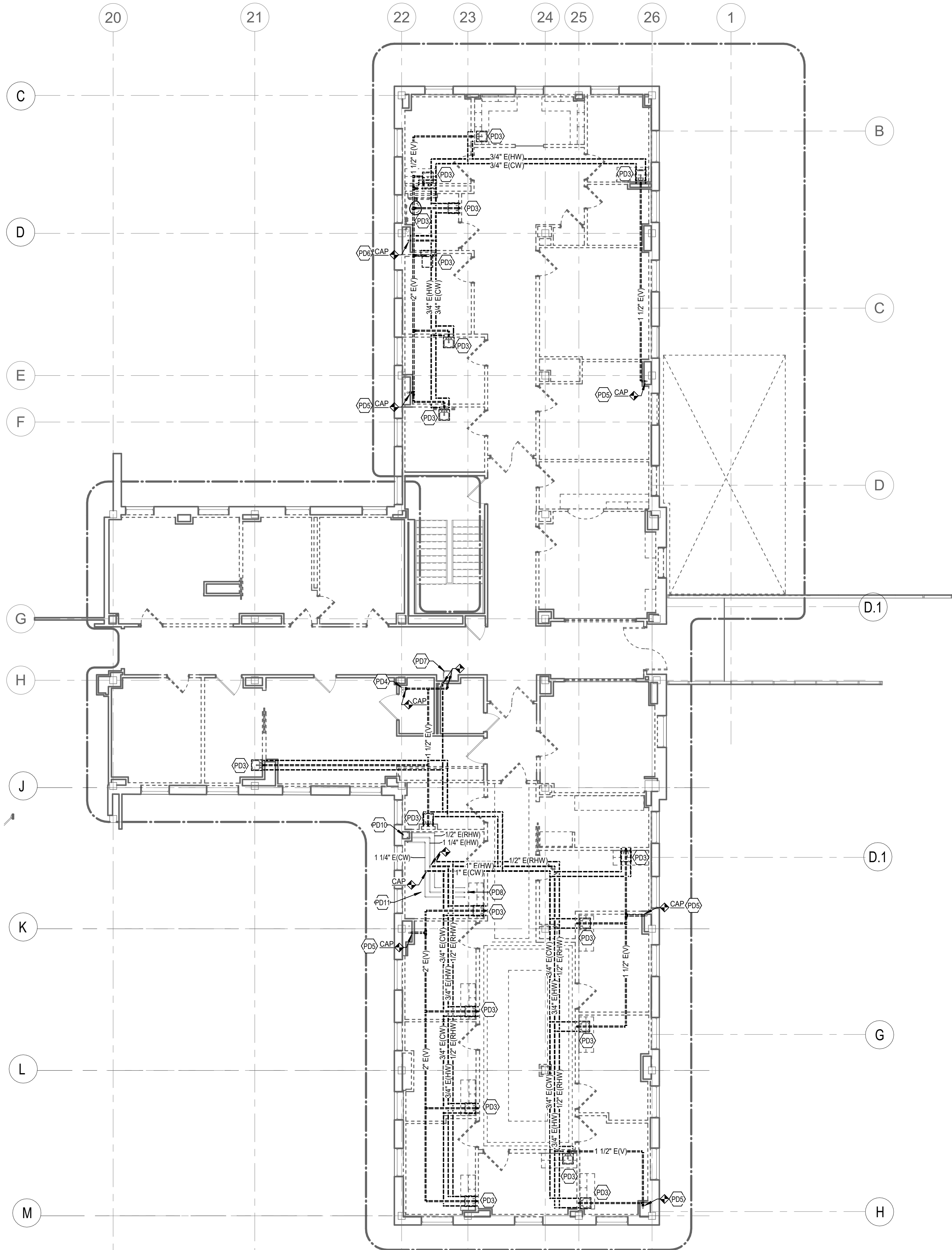
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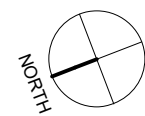
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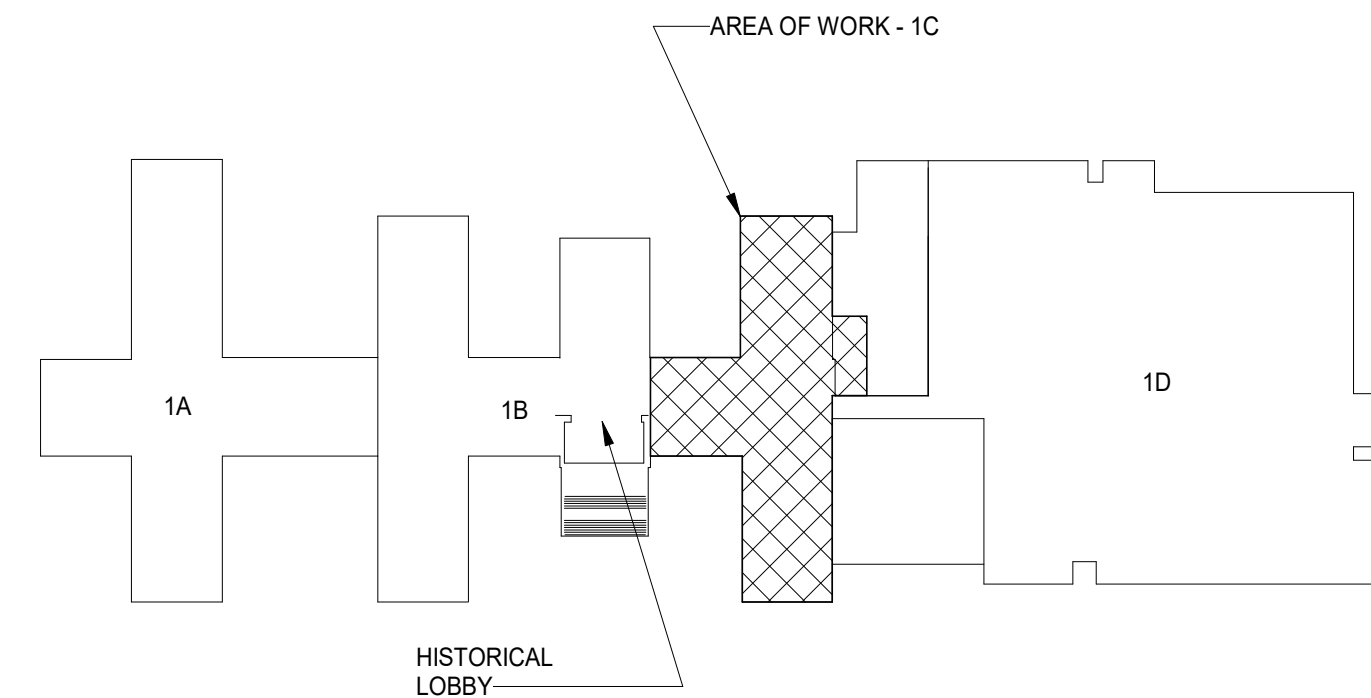
KEYNOTES - PLUMBING DEMOLITION		#
PD3	COMPLETELY REMOVE EXISTING PLUMBING FIXTURE INCLUDING PIPING TO FIXTURE. CAP ALL PIPING AT MAINS AS INDICATED AND AS REQUIRED BY CODE.	
PD4	3" VENT RISER EXISTING TO REMAIN. REMOVE ALL PIPING BACK TO THIS POINT AND CAP.	
PD5	2" WASTE AND VENT RISER EXISTING TO REMAIN. REMOVE ALL VENT PIPING BACK TO THIS POINT AND CAP.	
PD6	DOMESTIC COLD WATER AND DOMESTIC HOT WATER RISERS EXISTING TO REMAIN. REMOVE ALL DOMESTIC WATER PIPING BACK TO THIS POINT AND CAP.	
PD7	EXISTING PLUMBING FIXTURE AND PIPING IN WALL TO REMAIN AND SHALL BE RECONNECTED.	
PD8	EXISTING 1 1/4" CW, 1 1/4" HW, AND 1/2" RHW UP TO REMAIN.	
PD10	EXISTING 1 1/4" CW, 1 1/4" HW, AND 1/2" RHW DOWN TO REMAIN.	
PD11	EXISTING 1 1/4" CW, 1 1/4" HW, AND 1/2" RHW PIPING TO REMAIN.	

- PLUMBING DEMOLITION NOTES:**
- A. ANY WORK REQUIRED OUTSIDE OF THE PROJECTS LIMITS SHALL BE PERFORMED AT NIGHTS OR ON WEEKENDS AND SCHEDULED THROUGH THE COR.
 - B. INACCESSIBLE PIPING BURIED IN EXISTING WALLS REMAINING AND CONCRETE SLABS MAY BE ABANDONED IN PLACE.
 - C. PATCH HOLES IN WALLS, FLOORS, CEILINGS, ROOF, ETC. TO MATCH ADJACENT SURFACES AS A RESULT OF DEMOLITION TO PLUMBING SYSTEMS. PATCH SHALL BE PERFORMED BY QUALIFIED TRADESMAN. PAINT ALL WALLS FROM CORNER TO CORNER TO MATCH ADJACENT CONDITIONS.
 - D. WHERE WORK IS REQUIRED ABOVE EXISTING CEILINGS AND/OR OUTSIDE OF WORK SCOPE AREA, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR CUT, PATCH, REMOVAL, AND REINSTALLATION (OR REPLACEMENT IF DAMAGED) OF ALL CEILING TILES, HARD CEILINGS, AND GRID MEMBERS NECESSARY TO PERFORM THE WORK. THIS SHALL BE PERFORMED AT THIS CONTRACTOR'S EXPENSE.
 - E. MECHANICAL CONTRACTOR SHALL CLEAN UP CONSTRUCTION DEBRIS DURING AND AFTER DEMOLITION.
 - F. REMOVE ALL EXISTING ABANDONED PIPING ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.
 - G. PLUMBING SCOPE OF WORK INCLUDES THE REMOVAL OF ALL EXISTING PLUMBING FIXTURES IN SCOPE OF WORK AREA UNLESS OTHERWISE NOTED. REMOVE ALL PIPING TO THESE FIXTURES BEING REMOVED AND CAP AT MAINS AS REQUIRED BY CODE. ALL SANITARY PIPING SHALL BE REMOVED AS REQUIRED TO PREVENT "DEAD LEGS" IN SANITARY SYSTEM. REFER TO ARCHITECTURAL PLANS FOR EXTEND OF DEMOLITION WORK.

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PD102
PARTIAL FIRST FLOOR PLAN - 1C - PLUMBING DEMOLITION
1/8" = 1'-0"



0' 4' 8' 16'
SCALE 1/8" = 1'-0"

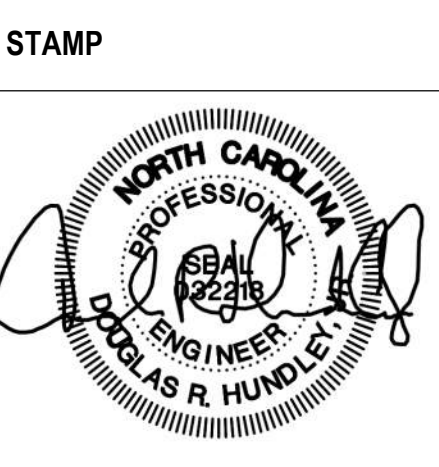


KEY PLAN - BLDG 1
NTS

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT
Consultant: CMTA CONSULTING ENGINEERS, INC 10411 MEETING STREET PROSPECT, KY 40059
POC

ARCHITECT/ENGINEER OF RECORD
nagel architects + engineers 13100 watertown plank road suite 200 elm grove, wi 53122 Nagel Architects + Engineers project number: 19022



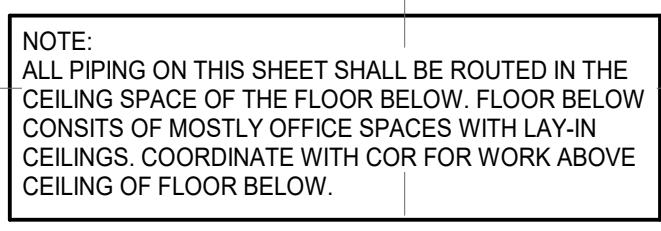
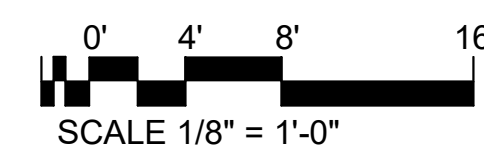
Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs
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Drawing Title PARTIAL FIRST FLOOR PLAN - 1C - PLUMBING DEMOLITION
Approved:

Phase BID DOCUMENTS
FULLY SPRINKLERED

Project Title RENOVATE 1C SURGICAL SUITE
Location 2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date 10 JUN 2022
Checked HCK
Drawn DCR

Project Number 565-19-101
Building Number BLDG 1
Drawing Number PD102


$$1/8'' = 1'-0''$$


BLDG 1

Drawing Number

PP101

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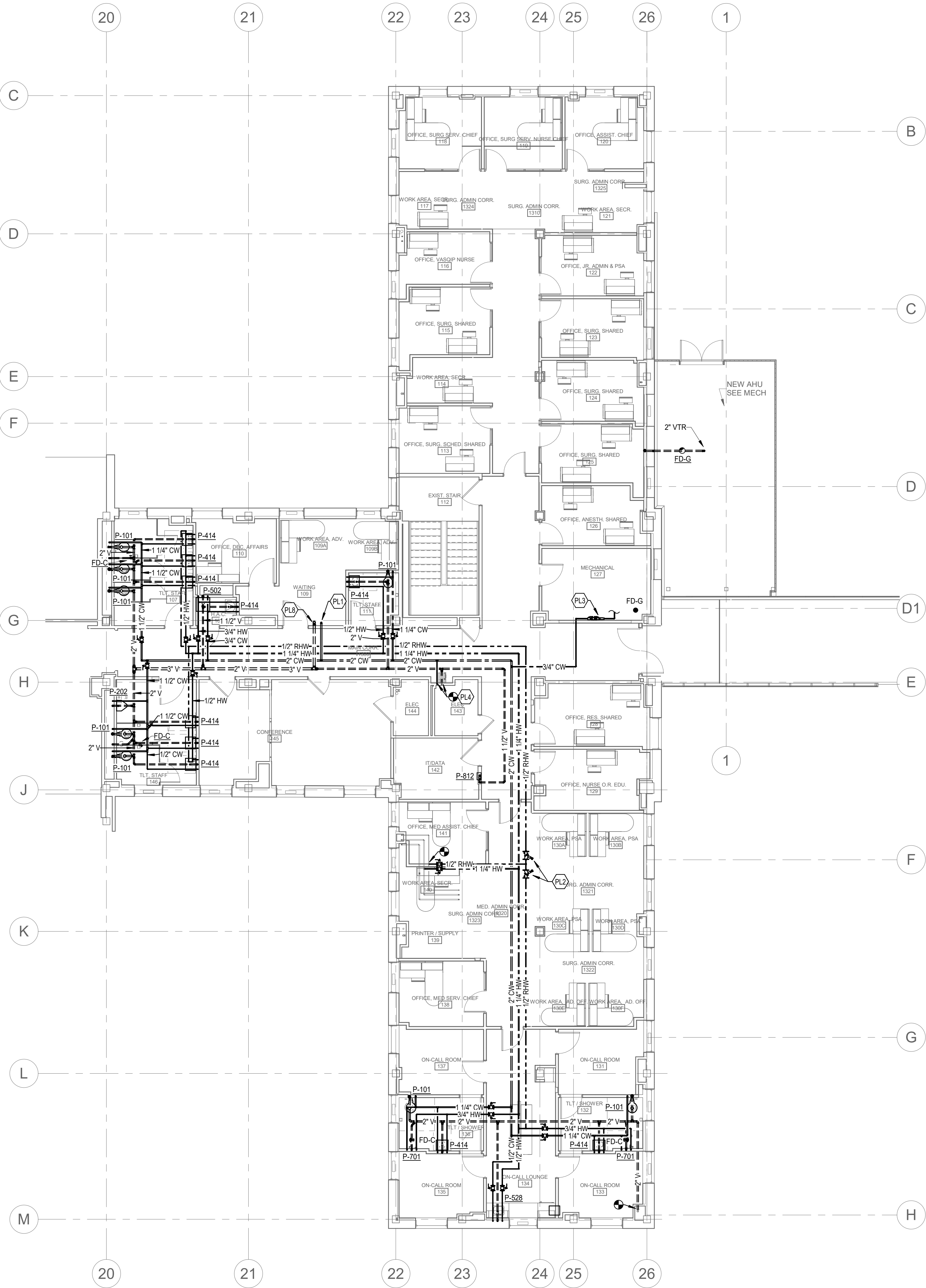
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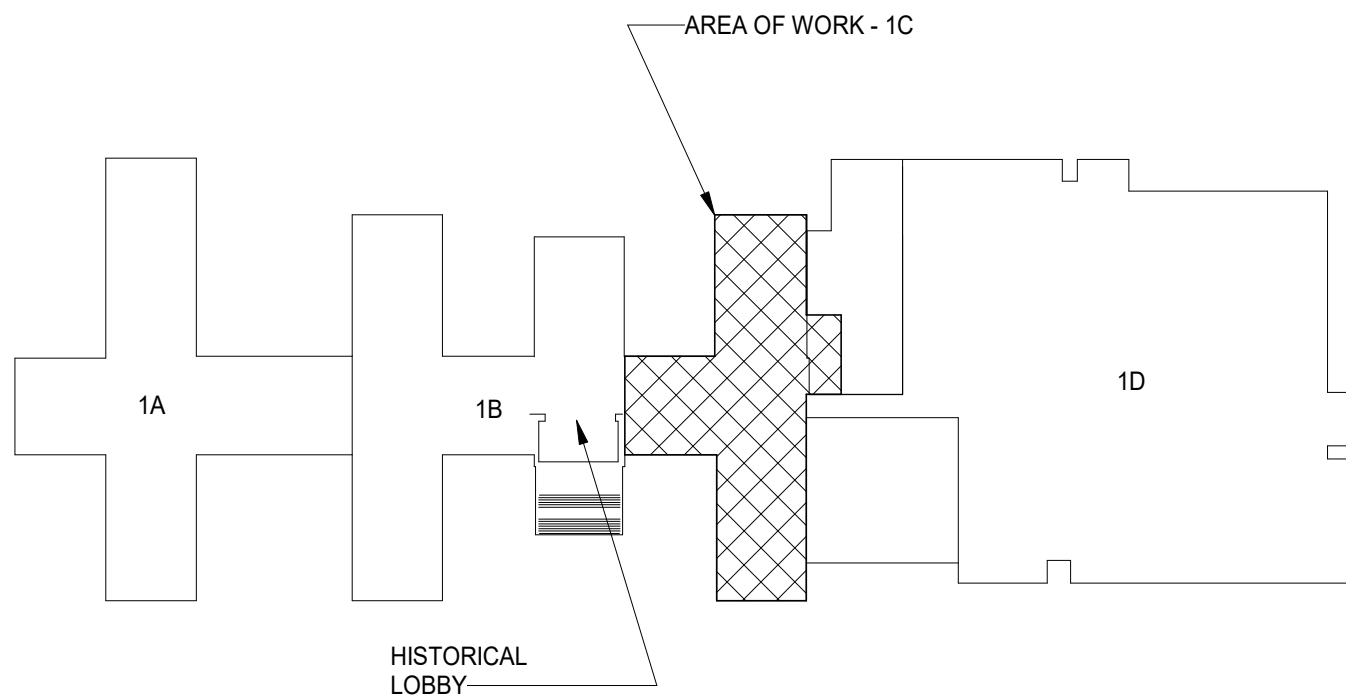
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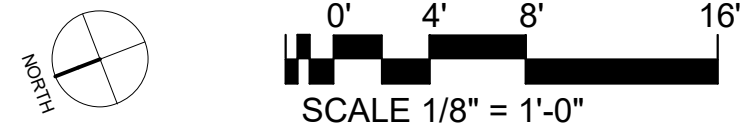
KEYNOTES - PLUMBING		#
PL1	2\" DOMESTIC COLD WATER UP TO SECOND FLOOR MECHANICAL ROOM. CONNECT TO NEARBY EXISTING 3\" DOMESTIC COLD WATER LINE IN MECHANICAL ROOM CEILING SPACE.	
PL2	FURNISH AND INSTALL TEMP SETTER VALVE. REFER TO HOT WATER BALANCING STATION DETAIL FOR MORE INFORMATION.	
PL3	3/4\" DOMESTIC COLD WATER DOWN IN MECHANICAL ROOM. ROUTE ALONG WALL. FURNISH AND INSTALL BACKFLOW PREVENTOR, AND ROUTE TO HEAT EXCHANGER. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.	
PL4	CONNECT NEW DOMESTIC COLD WATER AND VENT TO EXISTING PIPING IN WALL. PROVIDE TRANSITION FITTINGS AS NECESSARY.	
PL6	3\" VENT UP TO SECOND FLOOR MECHANICAL ROOM. CONNECT TO NEARBY EXISTING 3\" VENT IN MECHANICAL ROOM CEILING SPACE.	

PLUMBING GENERAL NOTES:

- A. PROVIDE BALL VALVES AT ALL CONNECTIONS TO FIXTURES ON THE COLD AND HOT WATER LINES ABOVE CEILING AT FIXTURE.



1 PARTIAL FIRST FLOOR PLAN - 1C - PLUMBING
PP102 1/8" = 1'-0"



KEY PLAN - BLDG 1
NTS

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10411 MEETING STREET
PROSPECT, KY 40059

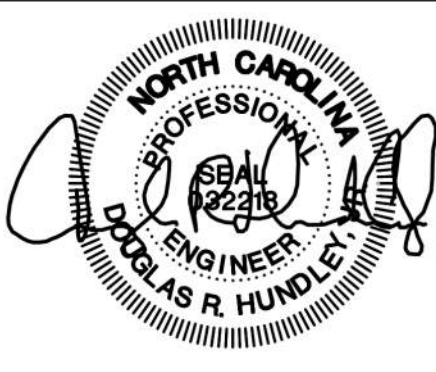
POC

ARCHITECT/ENGINEER OF RECORD

nagel
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

**PARTIAL FIRST FLOOR PLAN - 1C -
PLUMBING**

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date
10 JUN 2022

Checked
HCK

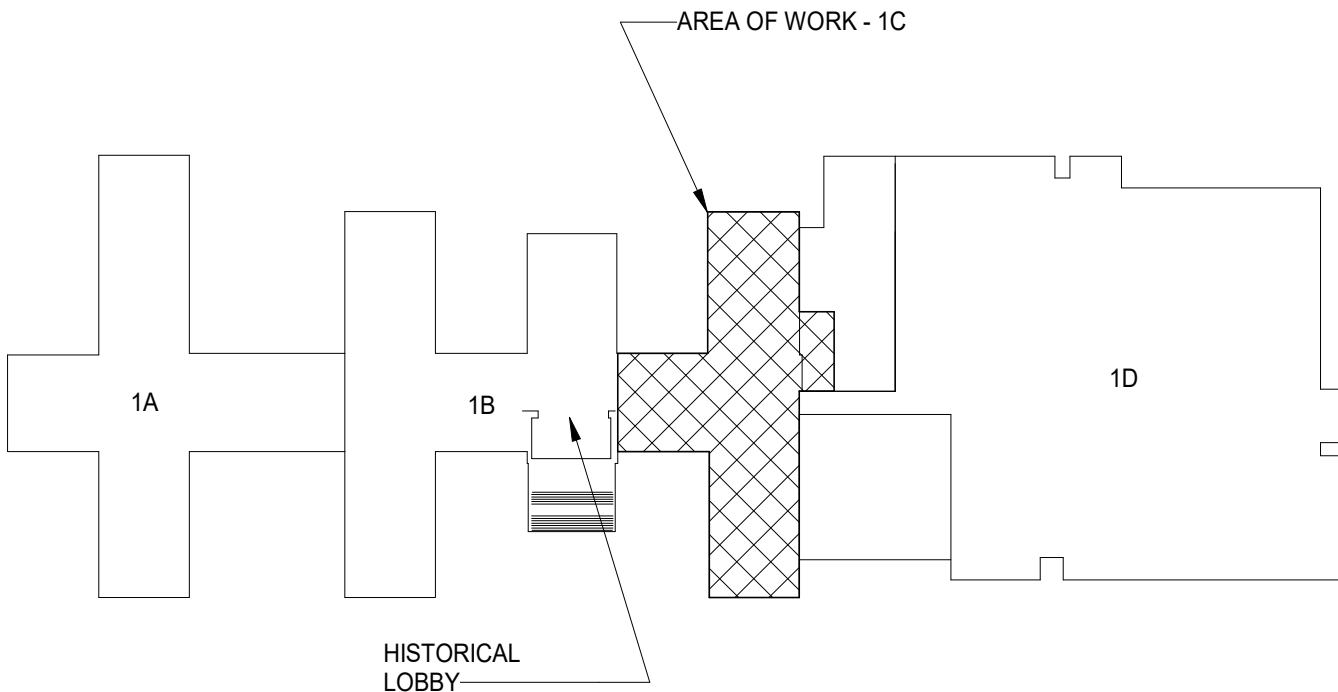
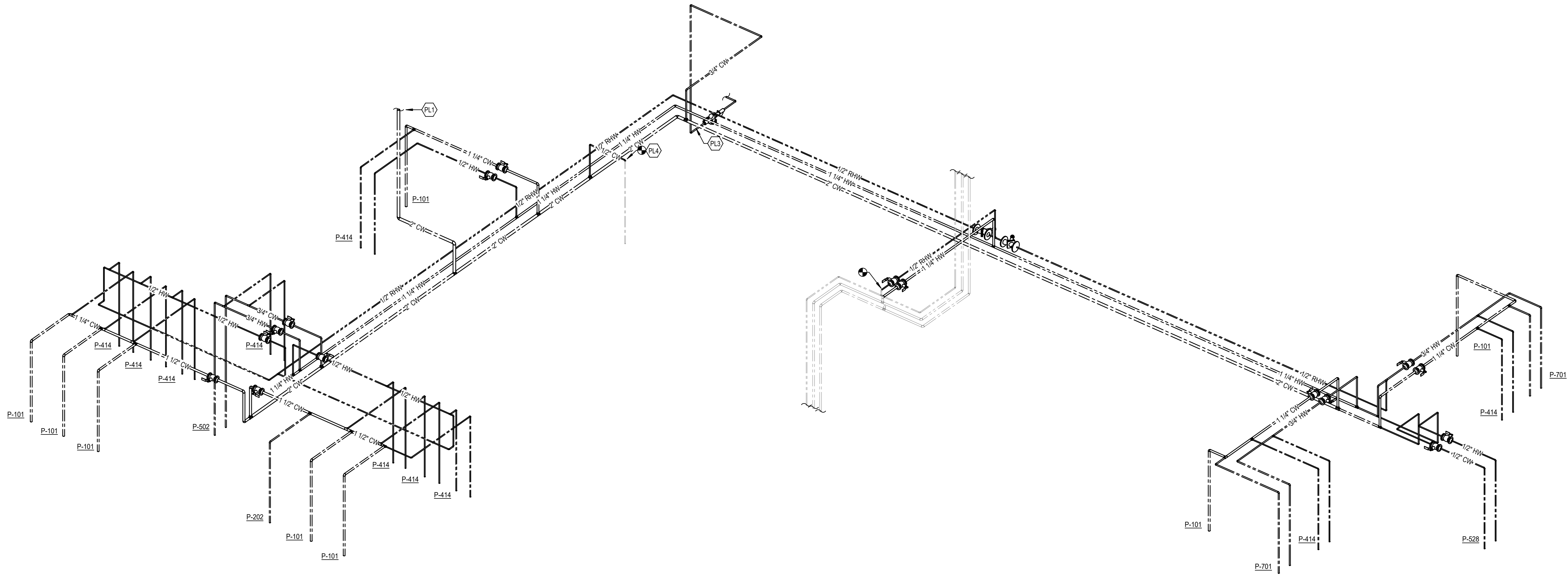
Drawn
DCR

Project Number
565-19-101

Building Number
BLDG 1

Drawing Number
PP102

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PL3	3/4" DOMESTIC COLD WATER DOWN IN MECHANICAL ROOM. ROUTE ALONG WALL, FURNISH AND INSTALL BACKFLOW PREVENTOR, AND ROUTE TO HEAT EXCHANGER. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.	
PL4	CONNECT NEW DOMESTIC COLD WATER AND VENT TO EXISTING PIPING IN WALL. PROVIDE TRANSITION FITTINGS AS NECESSARY.	



1 DOMESTIC WATER RISER DIAGRAM

KEY PLAN - BLDG 1

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10411 MEETING STREET
PROSPECT, KY 40059

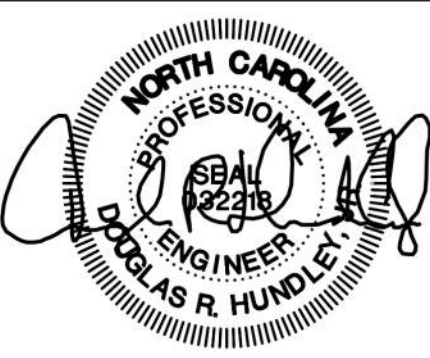
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elm grove, wi 53122
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project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

DOMESTIC WATER RISER
DIAGRAM

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

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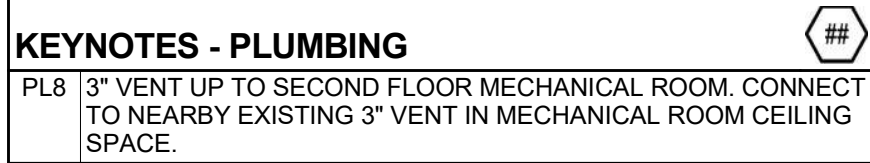
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DCR

Project Number
565-19-101

Building Number
BLDG 1

Drawing Number
PP201



PW101

Project Number	565-19-101
Building Number	BLDG 1
Drawing Number	PW101

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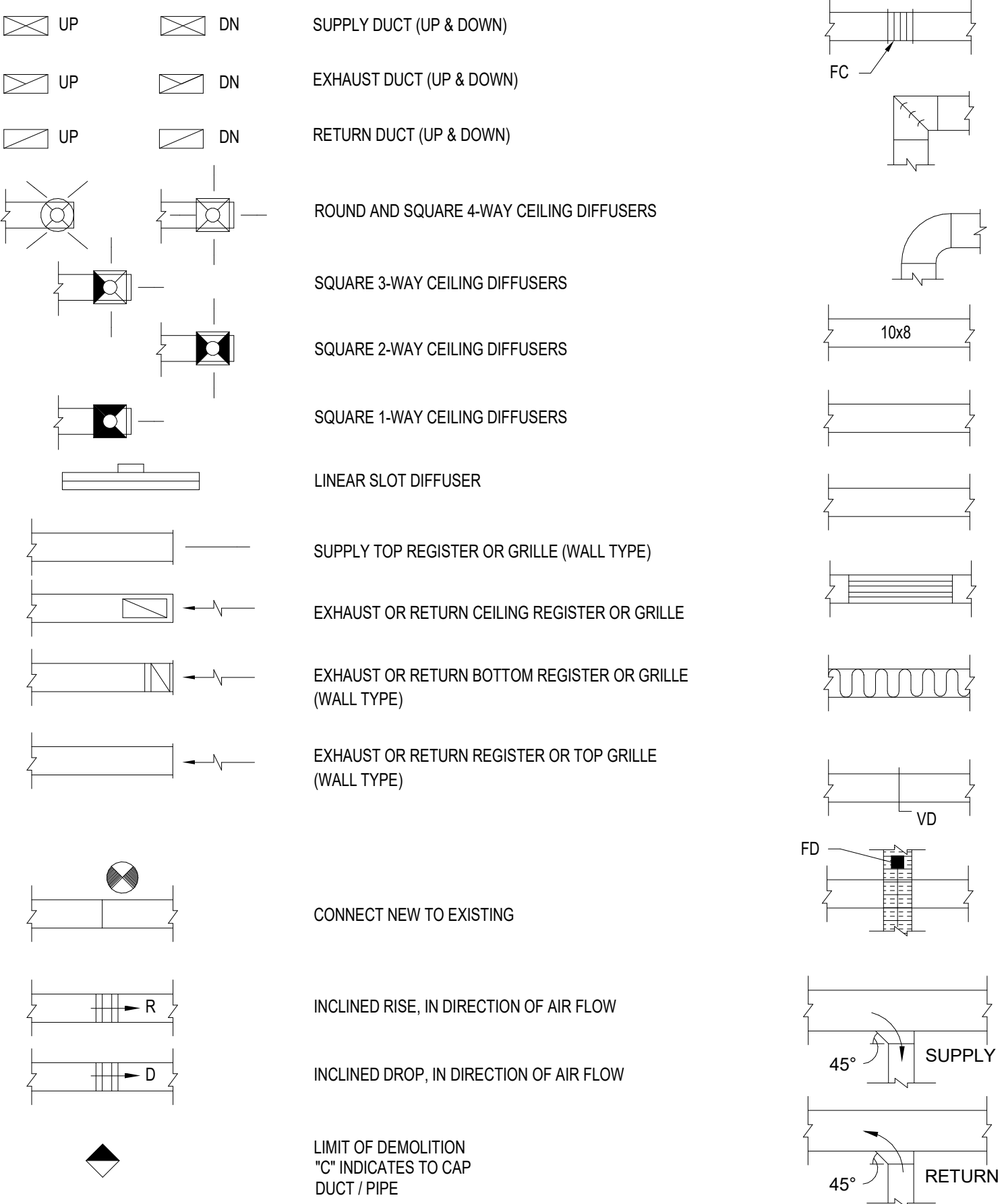
DUCTWORK SYMBOLS

DRAWING SYMBOLS

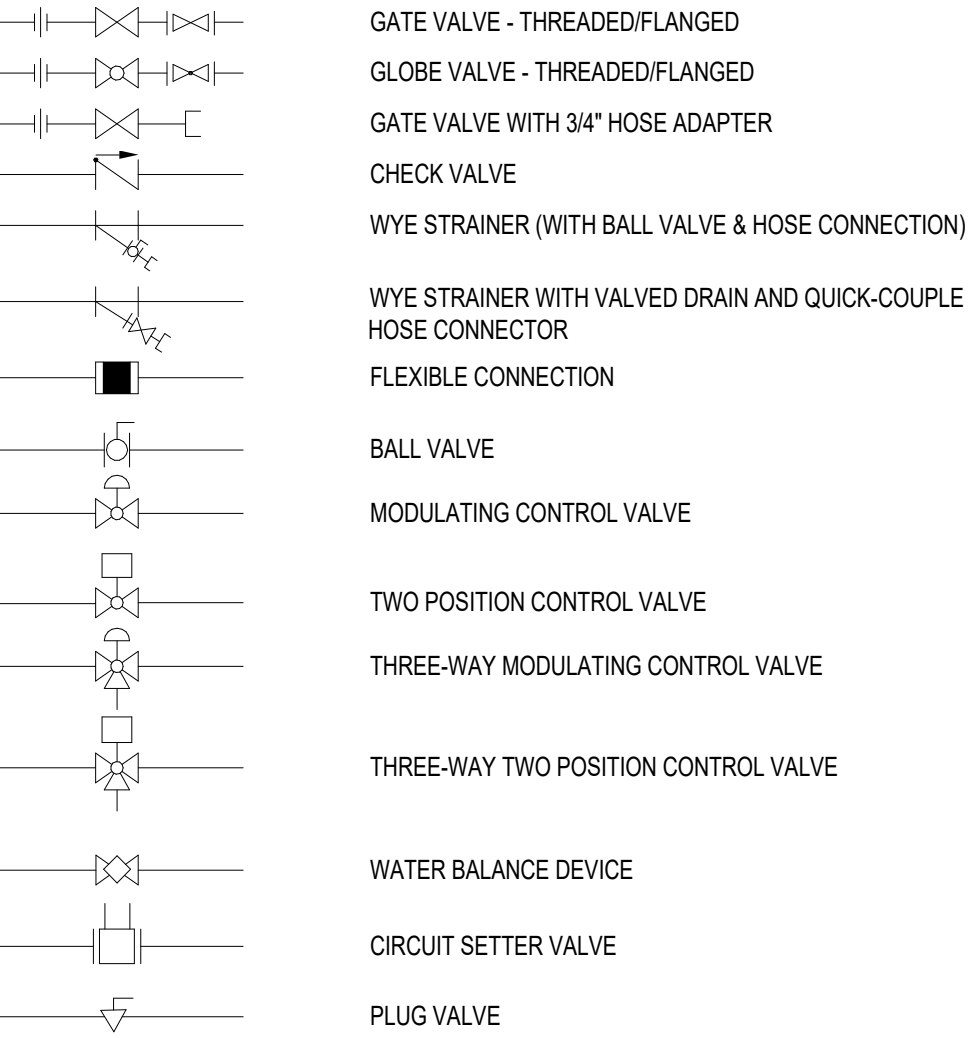
GENERAL NOTES - MECHANICAL

- A. COORDINATE THE LOCATION OF DRAINS, THERMOSTATS, GAS OUTLETS, ETC., WITH ALL CASEWORK EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC., PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE CONTRACTOR.
- B. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC., OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORD WITH ALL VA RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORD WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
- C. WHERE WORK IS REQUIRED ABOVE EXISTING LAY-IN, PLASTER OR GYPSUM BOARD CEILINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING OR TILE AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. ALL PATCHING WORK SHALL MATCH ADJACENT SURFACES.
- D. ALL NEW WORK SHALL BE HUNG FROM STRUCTURE, NOT FROM THE WORK OF OTHER TRADES, WHETHER EXISTING OR NEW.
- E. COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
- F. PATCH, REPAIR AND PAINT OR PROVIDE WALL COVERING FOR (TO OWNER'S STANDARDS) EXISTING WALLS, CEILINGS, ETC., THAT ARE TO REMAIN IF DAMAGED DURING CONSTRUCTION. REPAIRS SHALL MATCH ADJACENT SURFACES TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
- G. OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT AS DIRECTED BY THE VA.
- H. CONTRACTOR SHALL BE AWARE OF UNSEEN PLUMBING, HVAC AND ELECTRICAL WORK DURING DEMOLITION. IF ITEMS ARE UNCOVERED DURING DEMOLITION THEN FIELD VERIFY THE USE OF THE ITEMS AND PLAN AN ALTERNATE ROUTE TO RUN THESE ITEMS. THEN CONTACT THE ENGINEERS TO REVIEW THE ROUTING.
- I. WHERE FIRE PROOFING IS SPRAYED ON EXISTING STRUCTURE ALL PROTECTION LINES, MED GAS, ETC. SHALL BE LOWERED TO BE BELOW FULL THICKNESS OF FIRE PROOFING WITH NO INTERFERENCE.
- J. ALL PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE APPROPRIATELY FIRE STOPPED PER AN APPROVED U.L. LISTED STANDARD. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO INSULATED PIPING PENETRATIONS.
- K. ALL WORK REQUIRING DOWNTIME OF ANY AREA IN THE BUILDING SHALL BE SCHEDULED 2 WEEKS IN ADVANCE, AND SHALL COMPLY WITH INTERIM LIFE SAFETY MEASURES.
- L. ALL DUCTWORK, PIPING, CONDUITS, ETC. IN ROOMS WITH CEILINGS SHALL BE ABOVE CEILING EXCEPT AS NOTED.
- M. INSTALL AIR VENTS AT HIGH POINTS IN PIPING AND DRAINS IN LOW POINTS. USE CARE TO AVOID FREEZING OF EXTERIOR VENTS.
- N. LOCATIONS OF PIPING, DUCTS AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE THE DRAWINGS.
- O. ALL OFFSETS IN DUCTS AND PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
- P. COORDINATE ALL HVAC WORK WITH ELECTRICAL, PLUMBING AND OTHER TRADES TO AVOID INTERFERENCE WITH PIPING, DUCTS, CONDUIT AND OTHER EQUIPMENT.
- Q. INSTALL ALL PIPING, DUCTWORK AND EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTION. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION. PROVIDE RECOMMENDED ACCESS AND SERVICE CLEARANCES FOR ALL EQUIPMENT.
- R. SEAL AIRTIGHT AROUND ALL DUCTS AND PIPING PENETRATIONS THROUGH WALLS, FLOORS AND ROOF. PROVIDE FIRE STOPPING IN FIRE PARTITION.
- S. SEAL ALL NEW DUCTWORK JOINTS WITH UNITED MCGILL, IRONGRUP 601 OR EQUAL WATER BASED SEALANT.
- T. ALL MOTOR DRIVEN EQUIPMENT SHALL BE INSTALLED WITH FLEXIBLE CONNECTIONS TO DUCTWORK, PIPING, ETC., UNLESS OTHERWISE NOTED.
- U. THE CONTRACTOR SHALL RELOCATE OR AVOID ANY EXISTING EQUIPMENT APPURTENANCES, ETC., THAT CONFLICT WITH NEW WORK.
- V. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAIL OF THESE DOCUMENTS.
- W. DOUBLE WIDTH TURNING VANES SHALL BE INSTALLED IN ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK ELBOWS. TURNING VANES NOT REQUIRED FOR KITCHEN EXHAUSTS.
- X. ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTOR'S EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
- Y. DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT USED AS BASIS OF DESIGN SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- Z. VALVES, BALANCING DAMPERS OR ANY MECHANICAL/ELECTRICAL ITEM REQUIRING ACCESS SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED UNDER THE ITEM TO ALLOW EASY MAINTENANCE AND ADJUSTMENT. ADDITIONALLY ALL SUCH ITEMS SHALL NOT BE LOCATED AN UNREASONABLE DISTANCE ABOVE THE CEILING. IN GENERAL ALL SUCH ITEMS UNLESS INDICATED OTHERWISE SHALL BE MOUNTED SIX TO TWELVE INCHES ABOVE THE CEILING. IF IN DOUBT, CONTACT ENGINEER PRIOR TO INSTALLING.
- AA. WORK IN CONFINED AREAS SHALL BE IN ACCORDANCE WITH THE OWNER'S SAFETY POLICY REQUIREMENTS.

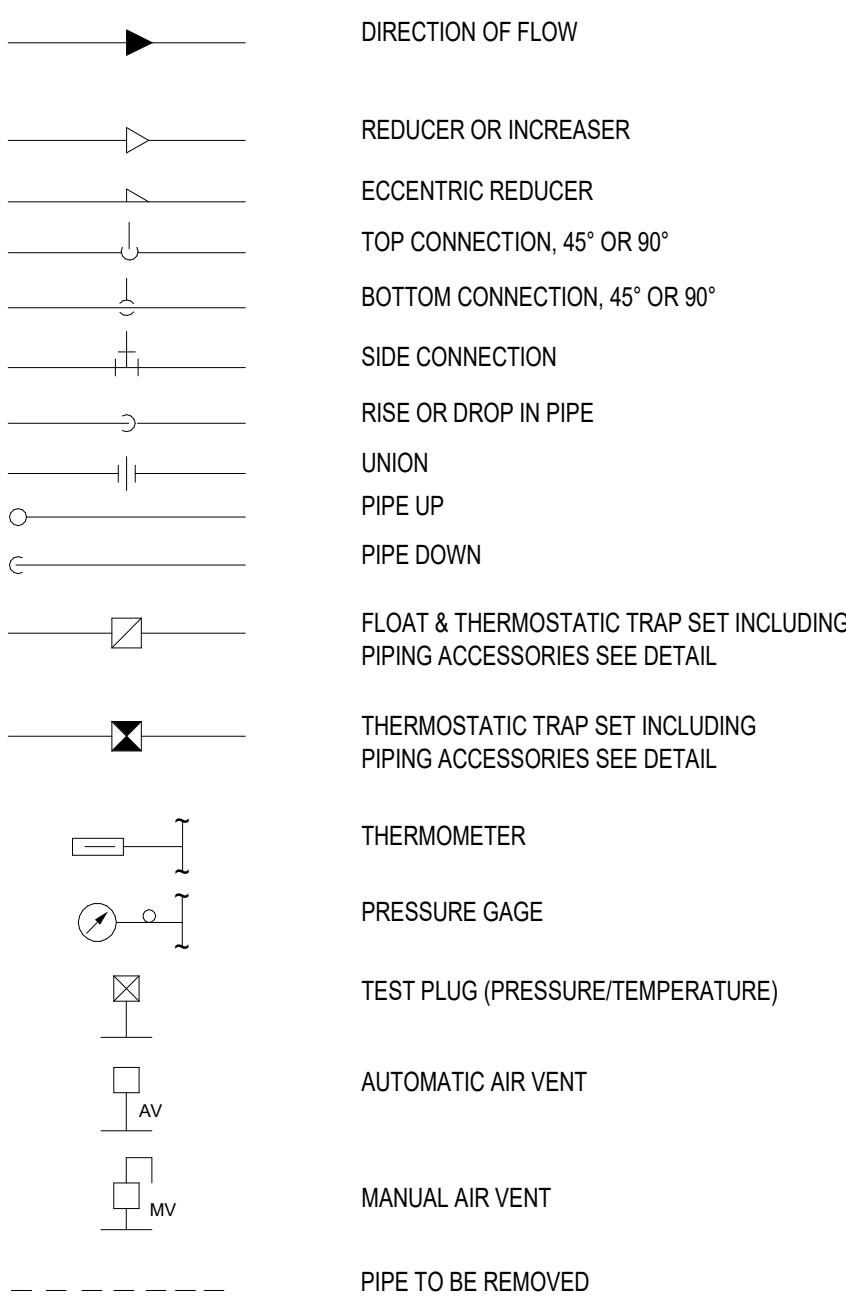
MECHANICAL ABBREVIATIONS			
A/E	ARCHITECT / ENGINEER	LPR	LOW PRESSURE RETURN (STEAM CONDENSATE)
AAV	AUTOMATIC AIR VENT	LPS	LOW PRESSURE STEAM
ACD	AUTOMATIC CONTROL DAMPER	LVG	LEAVING
MOD	MODULATING	LVR	LOUVER
AD	ACCESS DOOR	LWT	LEAVING WATER TEMPERATURE
AF	ABOVE FINISHED FLOOR		
AMP	AIR-HANDLING UNIT	M	METER, SI UNIT
AMP	AMPERE	MS	METERS PER SECOND (OR METERS/SECOND)
AP	ACCESS PANEL	MA	MIXED AIR
APD	AIR PRESSURE DROP	MAT	MIXED AIR TEMPERATURE
ARI	AIR CONDITIONING AND REFRIGERATION INSTITUTE	MBH	1,000 BTUH
AS	AIR SEPARATOR	MEV	MINIMUM EFFICIENCY REPORTING VALUE
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATION AIR CONDITIONING ENGINEERS	MIN	MINIMUM
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS		
BDO	BACKDRAFT DAMPER	NA	NOT APPLICABLE
BHP	BRAKE HORSEPOWER	NC	NOISE CRITERIA
BTU	BRITISH THERMAL UNIT	NO	NORMALLY CLOSED
BTUH	BRITISH THERMAL UNIT PER HOUR	NO	NORMALLY OPEN
C	CENTIGRADE (CELSIUS)	NOM	NOMINAL
CC	CEILING COIL	NPLV	NON-STANDARD PART LOAD VALUE
CO	CEILING DIFFUSER	NPSH	NET POSITIVE SUCTION HEAD
CFM	CUBIC FEET PER MINUTE	NTS	NOT TO SCALE
CHW	CHILLED WATER RETURN		
CHS	CHILLED WATER SUPPLY	OA	OUTSIDE AIR
CJ	CONDENSING UNIT	OAD	OUTDOOR AIR DAMPER
CV	CONSTANT VOLUME	P	PUMP
D	DAMPER - AUTOMATIC	PD	PRESSURE DROP
DB	DRY-BULB TEMPERATURE	PHC	PREHEAT COIL
DB	DECIBELS	PSI	POUNDS PER SQUARE INCH
DX	DIRECT EXPANSION	PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
		PSIG	POUNDS PER SQUARE INCH - GAGE
EA	EXHAUST AIR	RA	RETURN AIR
EAT	ENTERING AIR TEMPERATURE	RAT	RETURN AIR TEMPERATURE
EEER	ENERGY EFFICIENCY RATIO	RH	RELATIVE HUMIDITY
EF	EXHAUST FAN	RHC	REHEAT COIL
ENT	ENTERING	RL	REFRIGERANT LIQUID LINE
ET	EXPANSION TANK	RPM	REVOLUTIONS PER MINUTE
EWT	ENTERING WATER TEMPERATURE	RS	REFRIGERANT SUCTION
EX	EXISTING	SA	SUPPLY AIR
F	FAHRENHEIT	SAT	SUPPLY AIR TEMPERATURE
FAT	FLOAT AND THERMOSTATIC	SD	SMOKE DETECTOR
FA	FREE AREA	SDPR	SMOKE DAMPER
FCU	FLEXIBLE CONNECTION	SEN	SENSIBLE HEAT
FCU	FAN COIL UNIT (4 PIPE)	SH	STEAM HUMIDIFIER
FD	FIRE DAMPER	SI	SQUARE INCHES
FF	FINIAL FILTER	SP	STATIC PRESSURE
FFM	FEET PER MINUTE	SQ FT	SQUARE FOOT (FEET)
FSTAT	FREESTAT	SS	STAINLESS STEEL
FT	FEET	ST	STEAM TRAP
FT WC	FEET OF WATER COLUMN	TAB	TESTING ADJUSTING BALANCE
FTLB	FOOT-POUND	TD	TEMPERATURE DIFFERENCE
		TP	TRAP
GA	GAUGE	TSP	TOTAL STATIC PRESSURE
GAL	GALLONS	TSTAT	THERMOSTAT
GPM	GALLONS PER MINUTE		
H	HUMIDIFIER	V	VALVE
HC	HEATING COIL	VAF	VANE AXIAL FAN
HP	HORSEPOWER	VAV	VARIABLE AIR VOLUME
HSTAT	HUMIDISTAT	VLD	VOLUME DAMPER (MANUAL, OPPOSED BLADE)
HWR	HEATING HOT WATER RETURN	VFD	VARIABLE FREQUENCY DRIVE
HWS	HEATING HOT WATER SUPPLY	VSD	VARIABLE SPEED DRIVE
HX	HEAT EXCHANGER		
IO	INPUT/OUTPUT	W	WATTS
IN	INCHES	WPD	WATER SIDE PRESSURE DROP
IN-W	INCH-WATER COLUMN	YR	YEAR
KW	KILOWATT		
KWH	KILOWATT HOUR		
L	LITER		
L/h	LITERS PER HOUR (or LITERS/HOUR)		
L/m	LITERS PER MINUTE (or LITERS/MINUTE)		
L/s	LITERS PER SECOND (or LITERS/SECOND)		
LAT	LEAVING AIR TEMPERATURE		
LSHR	POUNDS PER HOUR		
LF	LINEAR FOOT (FEET)		



VALVE SYMBOLS





GENERAL PIPING SYMBOLS



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CONSTRUCTION DOCUMENTS 100% (MOD P00002)		4 MAY 2022		CMTA CONSULTING ENGINEERS, INC		architects + engineers										Building Number	
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MOD P00002 PROGRESS SET		10 DEC 2021		PROSPECT, KY 40059		suite 200				Approved:				Location		Drawing Number	
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CONCEPTUAL DESIGN 15%		27 NOV 2019						VA						Issue Date		Checked	
Revisions:		Date:						U.S. Department of Veterans Affairs						10 JUN 2022		AJM	
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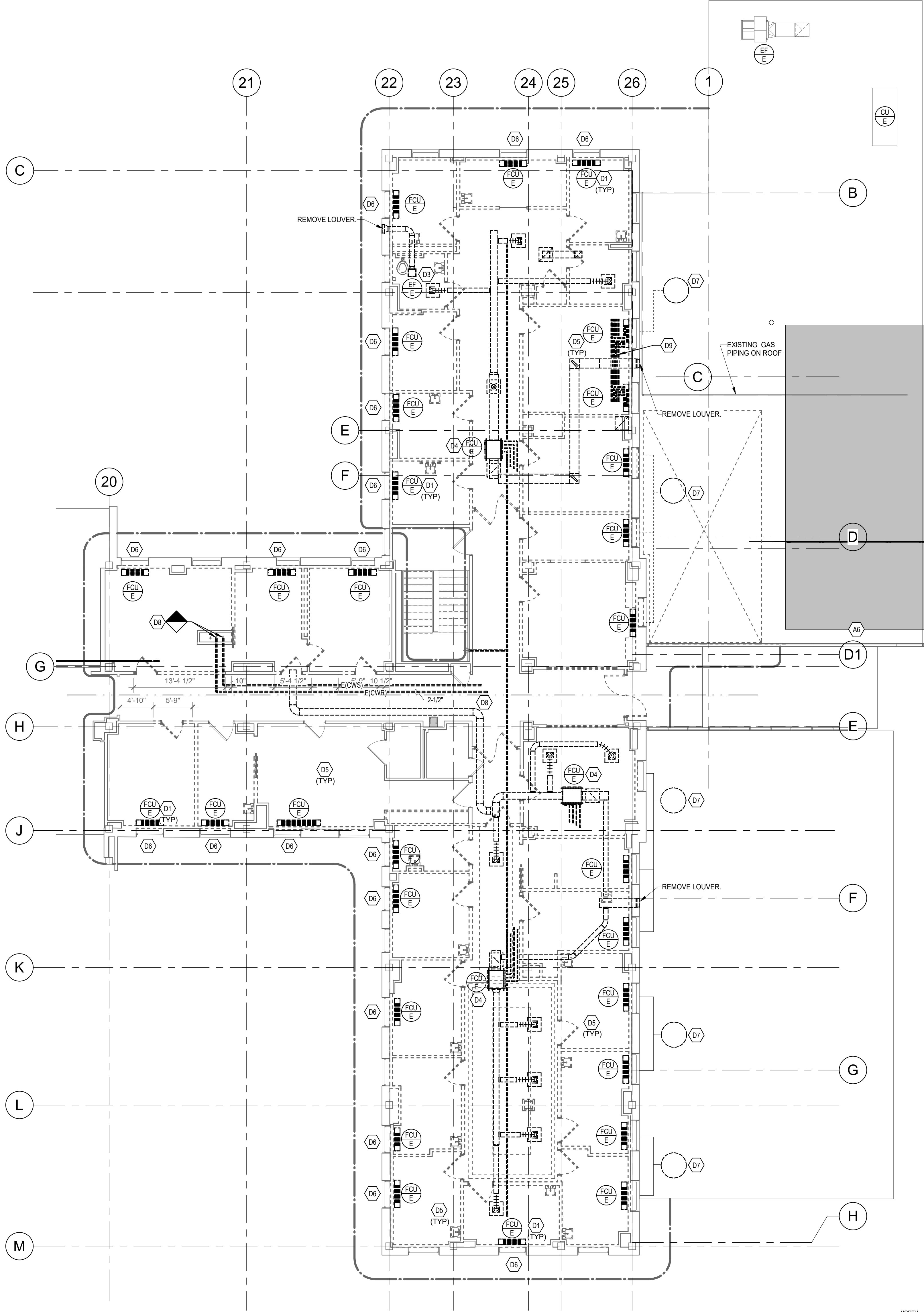
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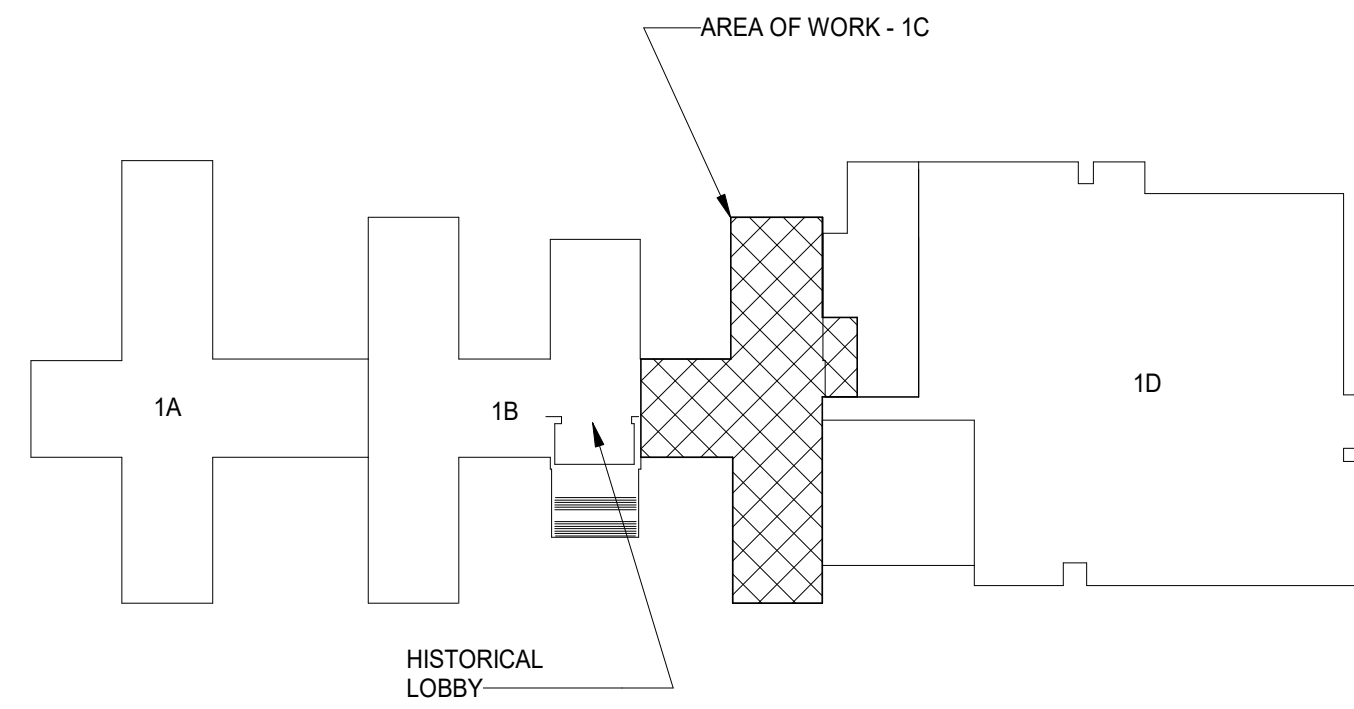
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MD100
PARTIAL FIRST FLOOR PLAN - 1C - MECHANICAL DEMOLITION
1/8" = 1'-0"

GENERAL NOTES - DEMOLITION

- A. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR AREAS IN WHICH THE CEILING IS REMAINING. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE EXISTING CEILING AS REQUIRED AND REINSTALLATION. TEMPORARILY SUPPORT LIGHTS, DIFFUSERS, CEILING ETC. REPLACE BROKEN CEILING TILES WITH NEW AT NO ADDITIONAL COST TO OWNER. FIELD VERIFY EXACT REQUIREMENTS.
- B. ALL OUTAGES SHALL BE SCHEDULED THROUGH THE PROJECT REPRESENTATIVE FOR PROPER COORDINATION. A REQUEST FOR AN OUTAGE SHALL BE SUBMITTED IN WRITING A MINIMUM OF TWO WEEKS IN ADVANCE.
- C. DURING SPRINKLER SYSTEM OUTAGES THE CONTRACTORS SHALL PROVIDE FIRE WATCH OF AREAS WITH OUTAGES.
- D. ALL WALLS AND FLOOR SLABS SHALL BE REPAIRED TO MATCH EXISTING AND TO A LIKE NEW CONDITION. ALL RATED WALLS AND FLOOR SLABS SHALL BE PATCHED AND REPAIRED TO MAINTAIN RATING.
- E. ALL EXISTING BUILDING FINISHES SHALL BE PROTECTED DURING THE DEMOLITION PHASE.
- F. HEAVY DASHED LINES INDICATE ITEMS FOR REMOVAL (U.O.N) AND LIGHT SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
- G. COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH THE OWNER.

KEYNOTES - MECHANICAL

#	
A6	PROPOSED SPS ROOFTOP AHU ENCLOSURE (NIC).
D1	EXISTING WALL FAN COIL UNITS TO BE REMOVED COMPLETE, INCLUDING ALL MECHANICAL, ELECTRICAL AND CONTROL CONNECTIONS. REMOVE EXISTING HYDRONIC PIPING BACK TO MAIN IN FLOOR BELOW. COORDINATE REMOVAL WITH ALL OTHER TRADES.
D3	REMOVE EXHAUST FAN COMPLETE, INCLUDING ALL MECHANICAL, ELECTRICAL AND CONTROL CONNECTIONS. COORDINATE REMOVAL WITH ALL OTHER TRADES.
D4	EXISTING FAN COIL UNITS ABOVE CEILING TO BE REMOVED COMPLETE, INCLUDING ALL MECHANICAL, ELECTRICAL AND CONTROL CONNECTIONS. REMOVE EXISTING HYDRONIC PIPING BACK TO MAIN AND CAP. COORDINATE REMOVAL WITH ALL OTHER TRADES. REMOVE OA DUCT TO EXTERIOR WALL AND REMOVE LOUVER.
D5	REMOVE ABANDONED HYDRONIC PIPING COMPLETE BACK TO MAINS.
D6	REMOVE OA INTAKE LOUVER ON EXTERIOR WALL AND DUCT CONNECTED TO FCU.
D7	EXISTING OA INTAKE HOODS. REMOVE HOOD AND DUCTWORK BELOW TO EACH FCU.
D8	REMOVE EXISTING CHILLED WATER PIPING BACK TO RISER.
D9	REMOVE EXISTING CHILLED WATER SUPPLY, RETURN AND CONDENSATE PIPING BELOW FLOOR AROUND PERIMETER TO ALL FLOOR MOUNTED FAN COIL UNITS AND CAP AT MAIN. REMOVE LPC PIPING BELOW FLOOR TO ALL WALL MOUNTED FAN COIL UNITS AND CAP AT MAIN. LOW PRESSURE CONDENSATE PIPING BELOW FLOOR SHALL REMAIN. REMOVE LPC FROM FAN COIL UNIT TO BELOW FLOOR AND CAP AT MAIN. TYPICAL FOR AROUND PERIMETER.



KEY PLAN - BLDG 1
NTS

CONSULTANT

Consultant:
CMTA CONSULTING ENGINEERS, INC
10411 MEETING STREET
PROSPECT, KY 40059

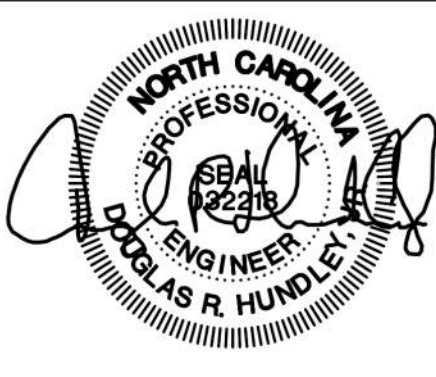
POC

ARCHITECT/ENGINEER OF RECORD

nagel
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

PARTIAL FIRST FLOOR PLAN - 1C -
MECHANICAL DEMOLITION

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

AJM

Drawn

LAM

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

MD100

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GENERAL NOTES - MECHANICAL

- A. COORDINATE THE LOCATION OF DRAINS, THERMOSTATS, GAS OUTLETS, ETC., WITH ALL CASEWORK EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC., PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE CONTRACTOR.
- B. WHERE WORK IS REQUIRED ABOVE EXISTING LAY-IN, PLASTER OR GYPSUM BOARD CEILINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING OR TILE AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. ALL PATCHING WORK SHALL MATCH ADJACENT SURFACES.
- C. ALL NEW WORK SHALL BE HUNG FROM STRUCTURE, NOT FROM THE WORK OF OTHER TRADES, WHETHER EXISTING OR NEW.
- D. COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
- E. PATCH, REPAIR AND PAINT OR PROVIDE WALL COVERING FOR (TO OWNER'S STANDARDS) EXISTING WALLS, CEILINGS, ETC., THAT ARE TO REMAIN IF DAMAGED DURING CONSTRUCTION. REPAIRS SHALL MATCH ADJACENT SURFACES TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
- F. ALL PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE APPROPRIATELY FIRE STOPPED PER AN APPROVED U.L. LISTED STANDARD. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO INSULATED PIPING PENETRATIONS.
- G. ALL WORK REQUIRING DOWNTIME OF ANY AREA IN THE BUILDING SHALL BE SCHEDULED 2 WEEKS IN ADVANCE, AND SHALL COMPLY WITH INTERIM LIFE SAFETY MEASURES.
- H. INSTALL ALL PIPING, DUCTWORK AND EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTION. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION. PROVIDE RECOMMENDED ACCESS AND SERVICE CLEARANCES FOR ALL EQUIPMENT.
- I. SEAL AIRTIGHT AROUND ALL DUCTS AND PIPING PENETRATIONS THROUGH WALLS, FLOORS AND ROOF. PROVIDE FIRE STOPPING IN FIRE PARTITION.
- J. THE CONTRACTOR SHALL RELOCATE OR AVOID ANY EXISTING EQUIPMENT APPURTENANCES, ETC., THAT CONFLICT WITH NEW WORK.

A

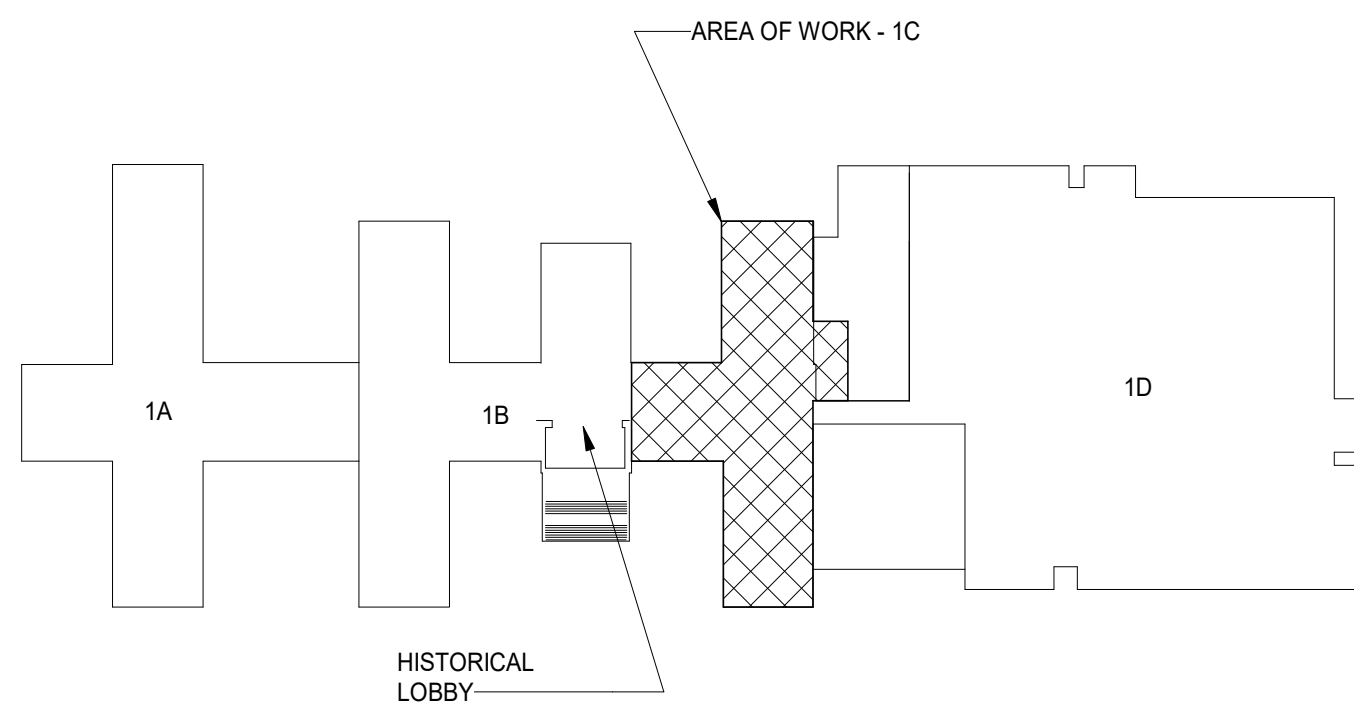
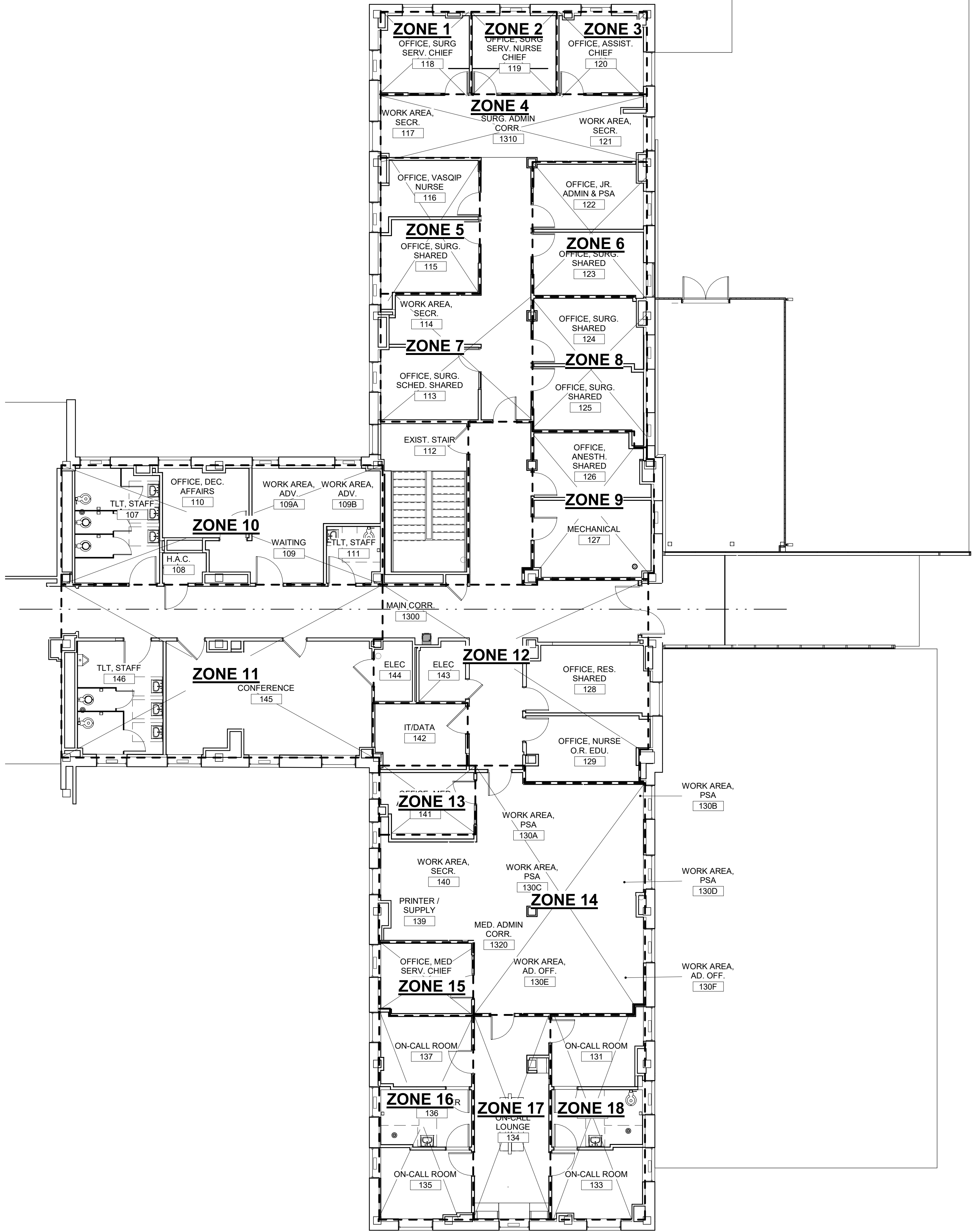
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1 PARTIAL FIRST FLOOR PLAN - 1C - ZONING
MH100 1/8" = 1'-0"



KEY PLAN - BLDG 1
NTS

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT

Consultant:
CMTA CONSULTING ENGINEERS, INC
10411 MEETING STREET
PROSPECT, KY 40059

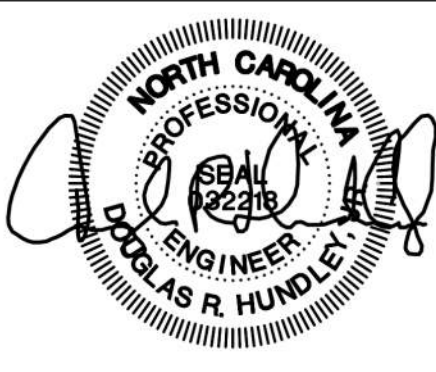
POC

ARCHITECT/ENGINEER OF RECORD

nagel
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

PATIAL FIRST FLOOR PLAN - 1C -
ZONING

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date
10 JUN 2022

Checked
AJM

Drawn
LAM

Project Number

565-19-101

Building Number
BLDG 1

Drawing Number
MH100

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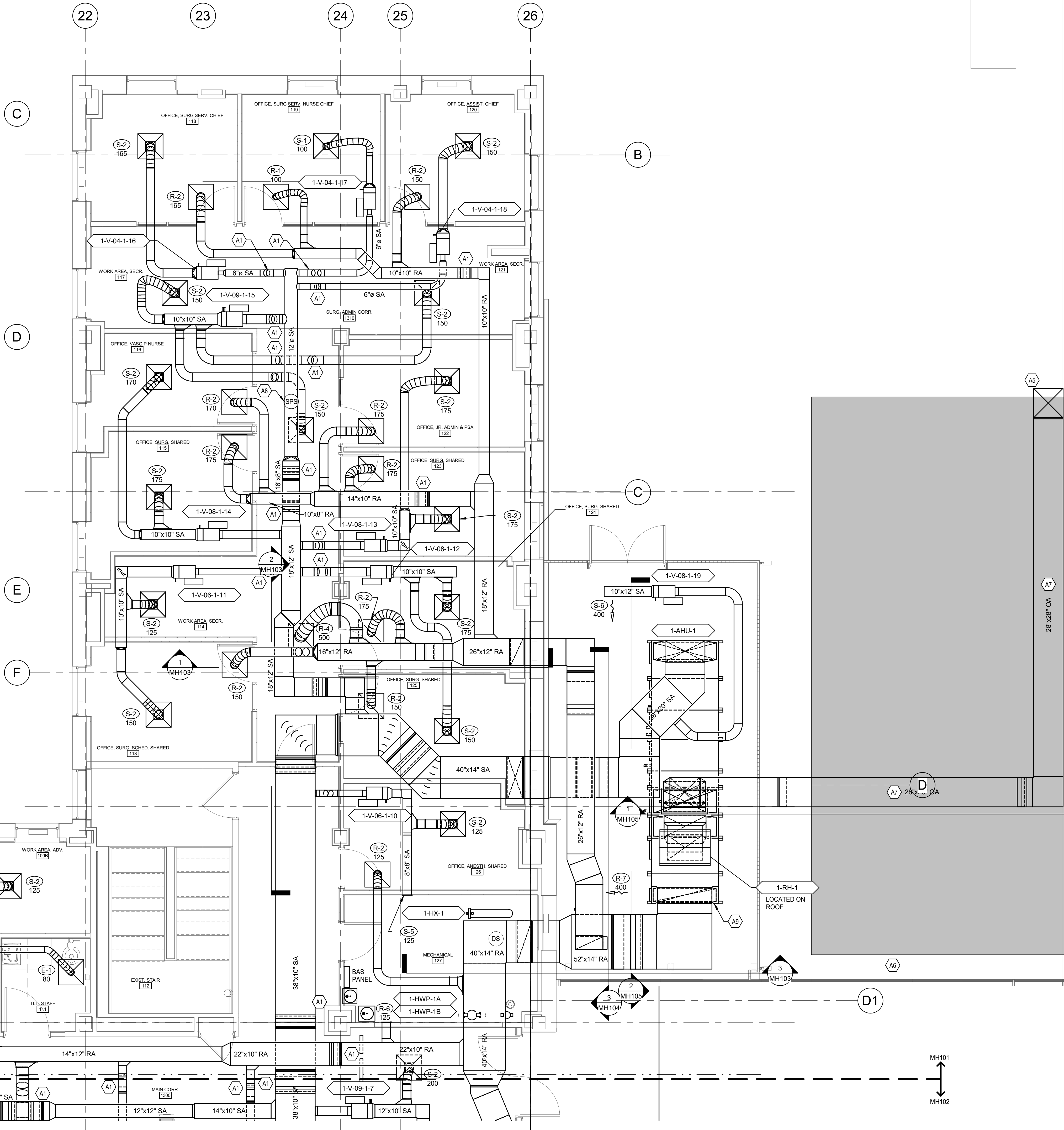
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VA FORM 08 - 6231

ROOM AIRFLOW SCHEDULE							
	AREA SQ. FT.	CEILING HEIGHT FT.	SUPPLY CFM	RETURN CFM	EXHAUST CFM	TRANSFER CFM	ROOM POS/NE
107 - TLT STAFF	164	9	125	0	250	+125	N
108 - H.A.C.	22	9	0	0	50	+50	N
109, 109A-B - WAIT, WORK AREA ADV	108	9	250	250	0	0	-
110 - OFFICE DEC AFFAIRS	101	9	125	125	0	0	-
111 - TLT STAFF	51	9	0	0	80	+80	N
113 - OFFICE SURG SCHED SHARED	121	9	150	150	0	0	-
115 - OFFICE SURG SHARED	123	9	175	175	0	0	-
116 - OFFICE VASQIP NURSE	93	9	170	170	0	0	-
118 - OFFICE SURG SERV CHIEF	114	9	165	165	0	0	-
119 - OFFICE SURG SERV NURSE CHIEF	111	9	100	100	0	0	-
120 - OFFICE ASSIST CHIEF	109	9	150	150	0	0	-
122 - OFFICE JR ADMIN & PSA	120	9	175	175	0	0	-
123 - OFFICE SURG SHARED	119	9	175	175	0	0	-
124 - OFFICE SURG SHARED	120	9	175	175	0	0	-
125 - OFFICE SURG SHARED	121	9	150	150	0	0	-
126 - OFFICE ANESTH SHARED	119	9	125	125	0	0	-
127 - MECHANICAL	152	9	125	125	0	0	-
128 - OFFICE NRS SHARED	137	9	150	150	0	0	-
129 - OFFICE NURSE OR EDU	130	9	125	125	0	0	-
1300 - MAIN CORR	806	9	400	0	0	-380	P
131 - ON CALL ROOM	105	9	150	150	0	0	-
132 - TLT SHOWER	88	9	100	0	150	+50	N
133 - ON CALL LOUNGE	251	9	400	250	0	-100	P
135 - ON CALL ROOM	105	9	175	175	0	0	-
136 - TLT SHOWER	88	9	100	0	150	0	N
138 - OFFICE MED SURG CHIEF	138	9	150	150	0	0	-
137 - ON CALL ROOM	103	9	150	150	0	0	-
142 - IT DATA	92	9	635	635	0	0	-
143 - ELEC	46	9	100	100	0	0	-
144 - ELEC	38	9	50	50	0	0	-
145 - CONFERENCE	386	9	500	500	0	0	-
146 - TLT STAFF	166	9	125	0	250	+125	N

- REMARKS:
- TRANSFER AIR - "*" EQUALS AIR PULLED FROM ADJACENT SPACES; "+" EQUALS AIR SUPPLIED TO ADJACENT SPACES
 - N=NEGATIVE, P=POSITIVE, += NEUTRAL.

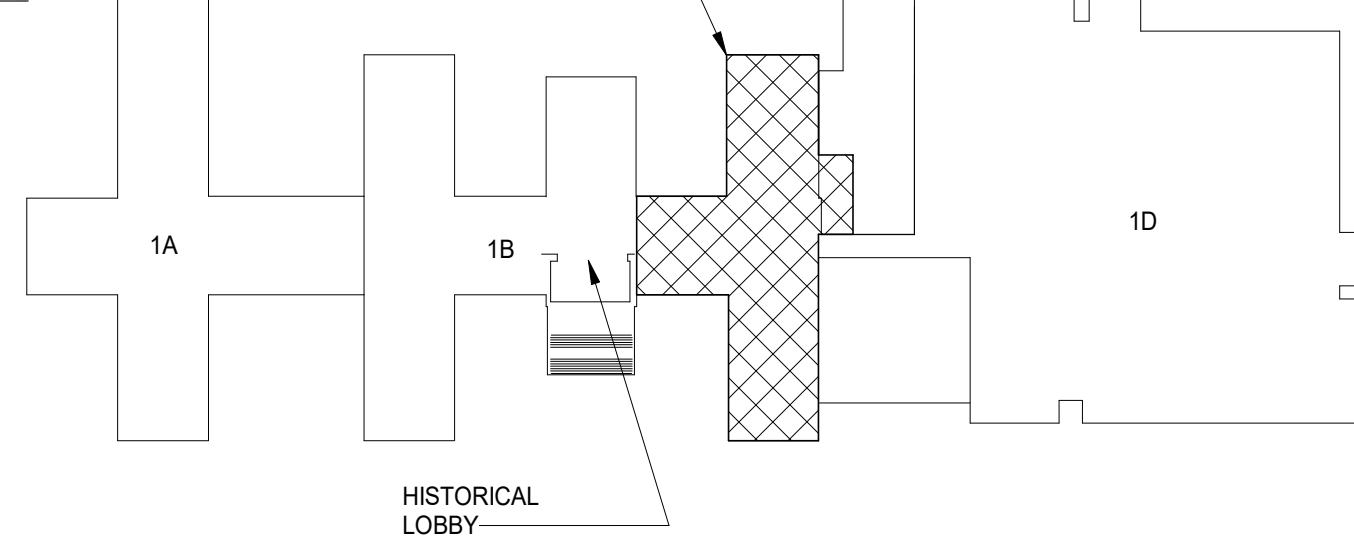


- GENERAL NOTES - MECHANICAL**
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KEYNOTES - MECHANICAL	
A1	OFFSET DUCT UP/DN
A2	REFER TO LOUVER INSTALLATION DETAIL
A5	ROUTE DUCT UP BUILDING EXTERIOR WALL APPROXIMATELY 30 FEET TO ABOVE ROOF. TERMINATE WITH GOOSENECK. MINIMUM OF 36" ABOVE ROOF. OPENING SHALL BE MINIMUM OF 25 FT FROM ANY EXHAUST DISCHARGE. PROVIDE BIRDSCREEN OVER OPENING. SUPPORT DUCT FROM WALL. COORDINATE WITH DUCT UP FROM SPS AHU.
A7	ROUTE OA DUCT ACROSS ROOF OF SPS AHU ENCLOSURE. SUPPORT DUCT ON ROOF. IF SPS AHU ENCLOSURE IS NOT CONSTRUCTED, SUPPORT DUCT FROM EXISTING ROOF.
A8	DUCT STATIC PRESSURE SENSOR
A9	CONTRACTOR SHALL CONNECT TO OPENING OF AHU AND TRANSITION AS NECESSARY.

GRD RUNOUT SCHEDULE		TERMINAL UNIT DUCT RUNOUT SCHEDULE	
SYMBOL	RUNOUT DUCT SIZE	MARK	INLET DUCT SIZE
R-4	12" DIA.		
S-1	6" DIA.		
S-1A	6" DIA.	1-V / 04	6"
S-2	8" DIA.	1-V / 06	6"
S-3	10" DIA.	1-V / 08	8"
S-4	8"x6"	1-V / 09	9"
S-5	8"x8"	1-V / 12	12"
S-6	12"x10"	1-V-06-11	6"
R-1	6" DIA.		
R-2	8" DIA.		
R-3	10" DIA.		
R-5	14" DIA.		
R-6	8"x6"		
R-7	12"x10"		
E-1	6" DIA.		
E-2A	6" DIA.		
E-3	10" DIA.		

- STRUCTURE
- HVAC
- PLUMBING / FP
- LIGHTS/CABLE TRAY
- CEILING



ENLARGED PARTIAL FIRST FLOOR PLAN - 1C EAST - AIR DISTRIBUTION

1
MH101

1/4" = 1'-0"

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

KEY PLAN - BLDG 1

NTS

NTS

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
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SCHEMATIC DESIGN 30%	28 JAN 2020
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Revisions:	Date:

CONSULTANT

Consultant:
CMTA CONSULTING ENGINEERS, INC
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PROSPECT, KY 40059

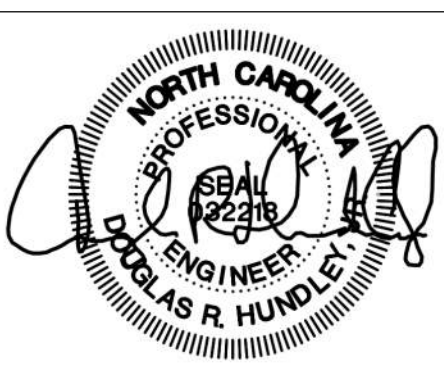
POC

ARCHITECT/ENGINEER OF RECORD

nagel
architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management

VA

U.S. Department
of Veterans
Affairs

Drawing Title

ENLARGED PARTIAL FIRST FLOOR
PLAN - 1C EAST- AIR DIST.

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

AJM

Drawn

LAM

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

MH101

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GENERAL NOTES - MECHANICAL

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KEYNOTES - MECHANICAL

#	KEYNOTE
A1	OFFSET DUCT UP/DN
A2	REFER TO LOUVER INSTALLATION DETAIL
A3	CONDENSING UNIT INSTALLED ON ROOF. REFER TO CONDENSING UNIT INSTALLATION DETAIL AND PIPE CHASE / ROOF CURB DETAIL
A4	SEAL AROUND DUCT PENETRATIONS AIR TIGHT (SMOKE BARRIER)
A8	DUCT STATIC PRESSURE SENSOR

GRD RUNOUT SCHEDULE		TERMINAL UNIT DUCT RUNOUT SCHEDULE	
SYMBOL	RUNOUT DUCT SIZE	MARK	INLET DUCT SIZE
R-4	12" DIA.		
S-1	6" DIA.		
S-1A	6" DIA.	1-V / 04	6"
S-2	8" DIA.	1-V / 06	8"
S-3	10" DIA.	1-V / 08	8"
S-4	8"x8"	1-V / 09	9"
S-5	8"x8"	1-V / 12	12"
S-6	12"x10"	1-V-06-11	6"
R-1	6" DIA.		
R-2	8" DIA.		
R-3	10" DIA.		
R-5	14" DIA.		
R-6	8"x8"		
R-7	12"x10"		
E-1	6" DIA.		
E-2A	8" DIA.		
E-3	10" DIA.		

ROOM AIRFLOW SCHEDULE									
	AREA SQ. FT.	CEILING HEIGHT FT.	SUPPLY CFM	RETURN CFM	EXHAUST CFM	TRANSFER CFM	ROOM POS/NE		
107 - TLT STAFF	164	9	125	0	250	+125	N		
108 - H.A.C.	22	9	0	0	50	+50	N		
109 - 109A-B - WAIT, WORK AREA ADV.	106	9	250	250	0	0	-		
110 - OFFICE DEC AFFAIRS	101	9	125	125	0	0	-		
111 - TLT STAFF	51	9	0	0	80	+80	N		
113 - OFFICE SURG SCHED SHARED	121	9	150	150	0	0	-		
115 - OFFICE SURG SHARED	123	9	175	175	0	0	-		
116 - OFFICE VASGIP NURSE	93	9	170	170	0	0	-		
118 - OFFICE SURG SERV CHIEF	114	9	165	165	0	0	-		
119 - OFFICE SURG SERV NURSE CHIEF	111	9	100	100	0	0	-		
120 - OFFICE ASSIST CHIEF	109	9	150	150	0	0	-		
122 - OFFICE JR ADMIN & PSA	120	9	175	175	0	0	-		
123 - OFFICE SURG SHARED	119	9	175	175	0	0	-		
124 - OFFICE SURG SHARED	120	9	175	175	0	0	-		
125 - OFFICE SURG SHARED	121	9	150	150	0	0	-		
126 - OFFICE ANESTH SHARED	119	9	125	125	0	0	-		
127 - MECHANICAL	152	9	125	125	0	0	-		
128 - OFFICE RES SHARED	137	9	150	150	0	0	-		
129 - OFFICE NURSE OR EDU	130	9	125	125	0	0	-		
130 - MAIN CORR	896	9	400	0	0	-380	P		
131 - ON CALL ROOM	105	9	150	150	0	0	-		
132 - TLT SHOWER	88	9	100	0	150	+50	N		
1310, 114, 117, 121 - SURGE ADMIN CORR / WORKAREAS	504	9	575	500	0	0	P		
1320 - MED ADMIN CORR / WORKAREAS	691	9	900	850	0	0	N		
133 - ON CALL ROOM	104	9	175	175	0	0	-		
134 - ON CALL LOUNGE	251	9	400	250	0	-100	P		
135 - ON CALL ROOM	105	9	175	175	0	0	-		
136 - TLT SHOWER	88	9	100	0	150	0	N		
136 - OFFICE MED SURG CHIEF	138	9	150	150	0	0	-		
137 - ON CALL ROOM	103	9	150	150	0	0	-		
142 - IT DATA	92	9	635	635	0	0	-		
143 - ELEC	46	9	100	100	0	0	-		
144 - ELEC	39	9	50	50	0	0	-		
145 - CONFERENCE	396	9	500	500	0	0	-		
146 - TLT STAFF	166	9	125	0	250	+125	N		

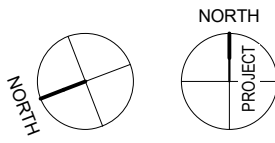
REMARKS:

- TRANSFER AIR - "V" EQUALS AIR PULLED FROM ADJACENT SPACES, "+" EQUALS AIR SUPPLIED TO ADJACENT SPACES
- N=NEGATIVE, P=POSITIVE, = NEUTRAL.

ENLARGED PARTIAL FIRST FLOOR PLAN - 1C WEST - AIR DISTRIBUTION

1
MH102

1/4" = 1'-0"

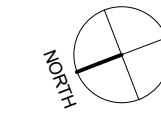


0' 2' 4' 8'
SCALE 1/4" = 1'-0"



KEY PLAN - BLDG 1

NTS



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VA FORM 08 - 6231

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
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CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT

Consultant:
CMTA CONSULTING ENGINEERS, INC
10411 MEETING STREET
PROSPECT, KY 40059

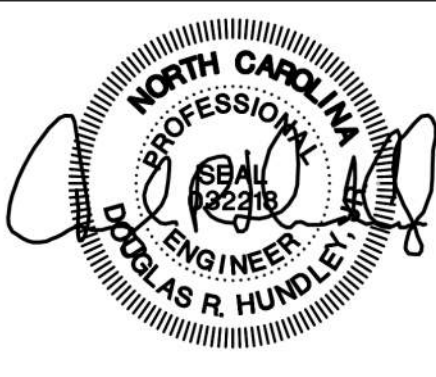
POC

ARCHITECT/ENGINEER OF RECORD

nagel
architects + engineers
13100 watertown plank road
suite 200
elm grove, wi 53122

Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

ENLARGED PARTIAL FIRST FLOOR
PLAN - 1C WEST - AIR DIST.

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

Checker

Drawn

Author

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

MH102

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VA FORM 08 - 6231

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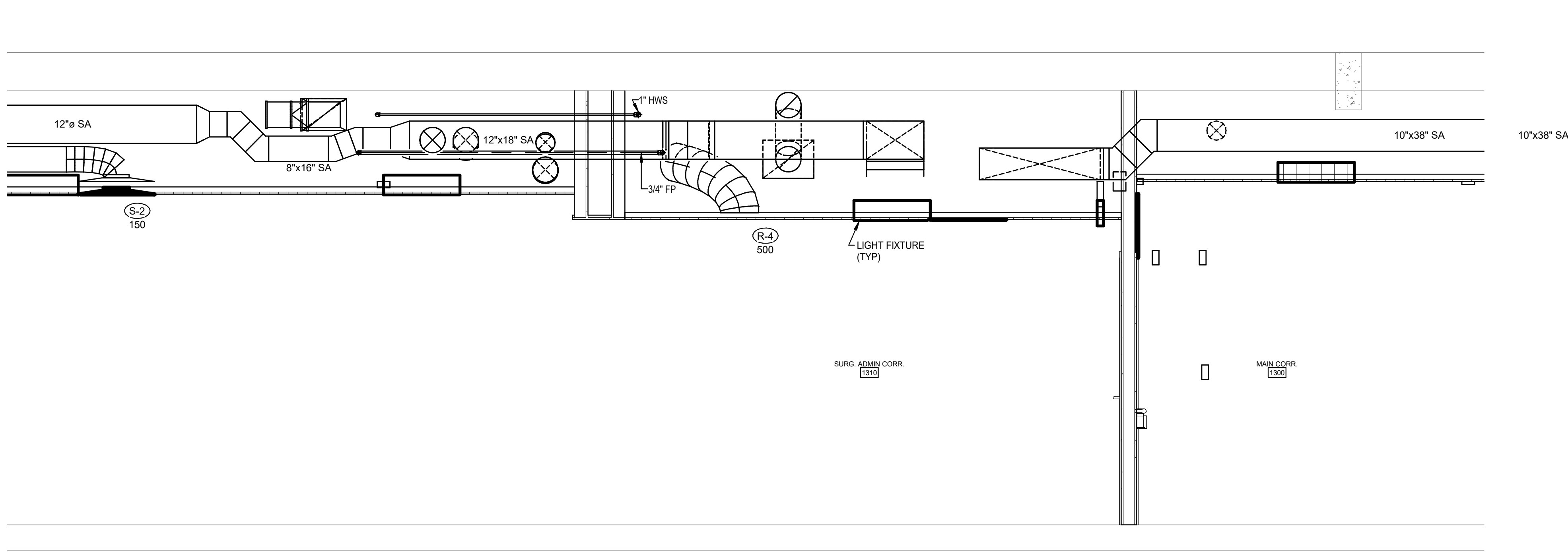
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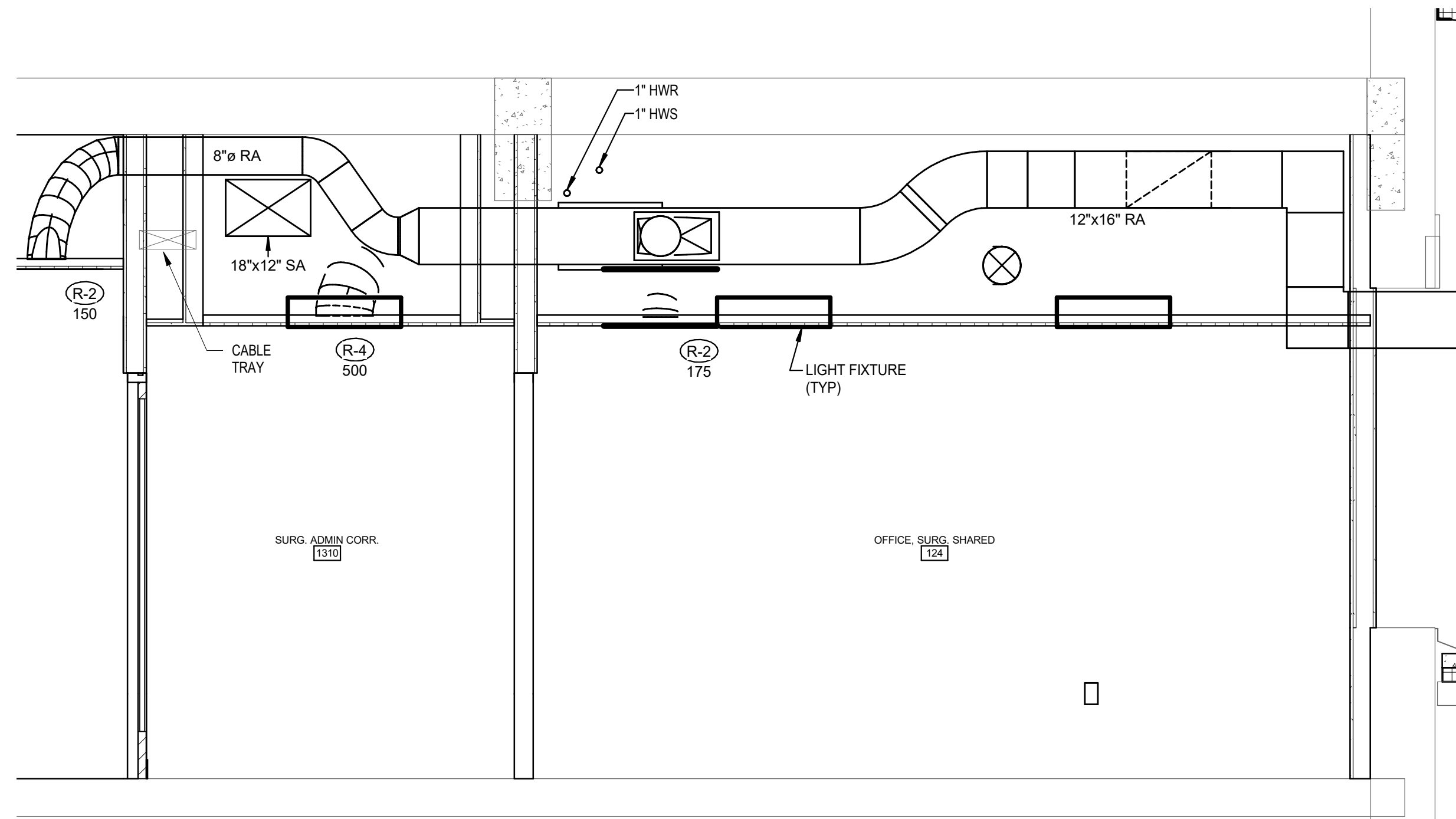
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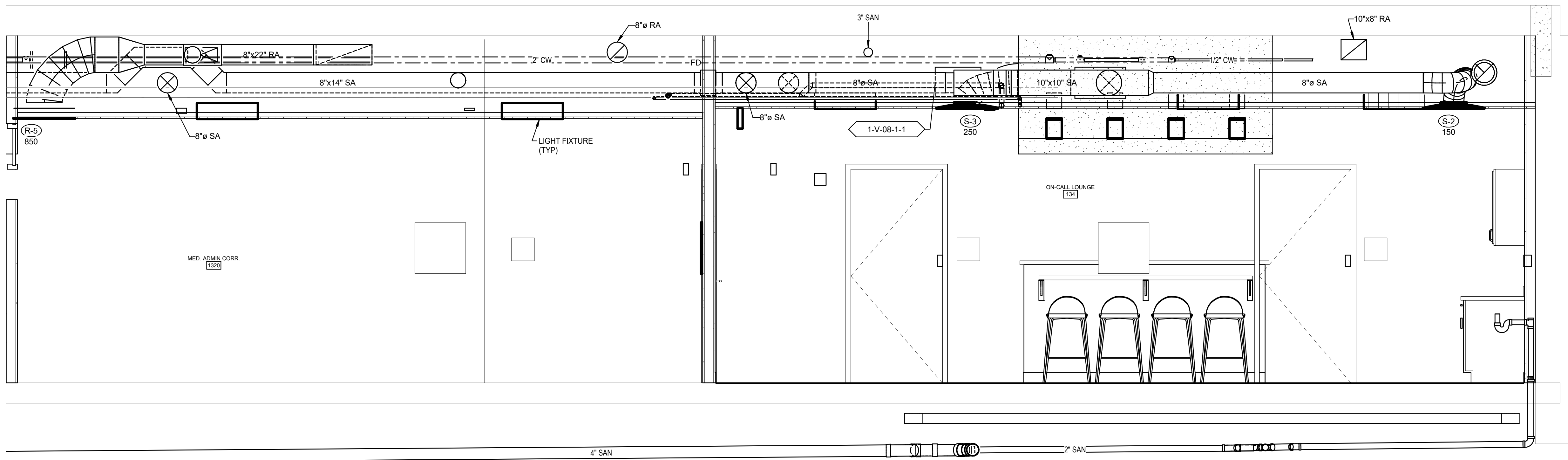
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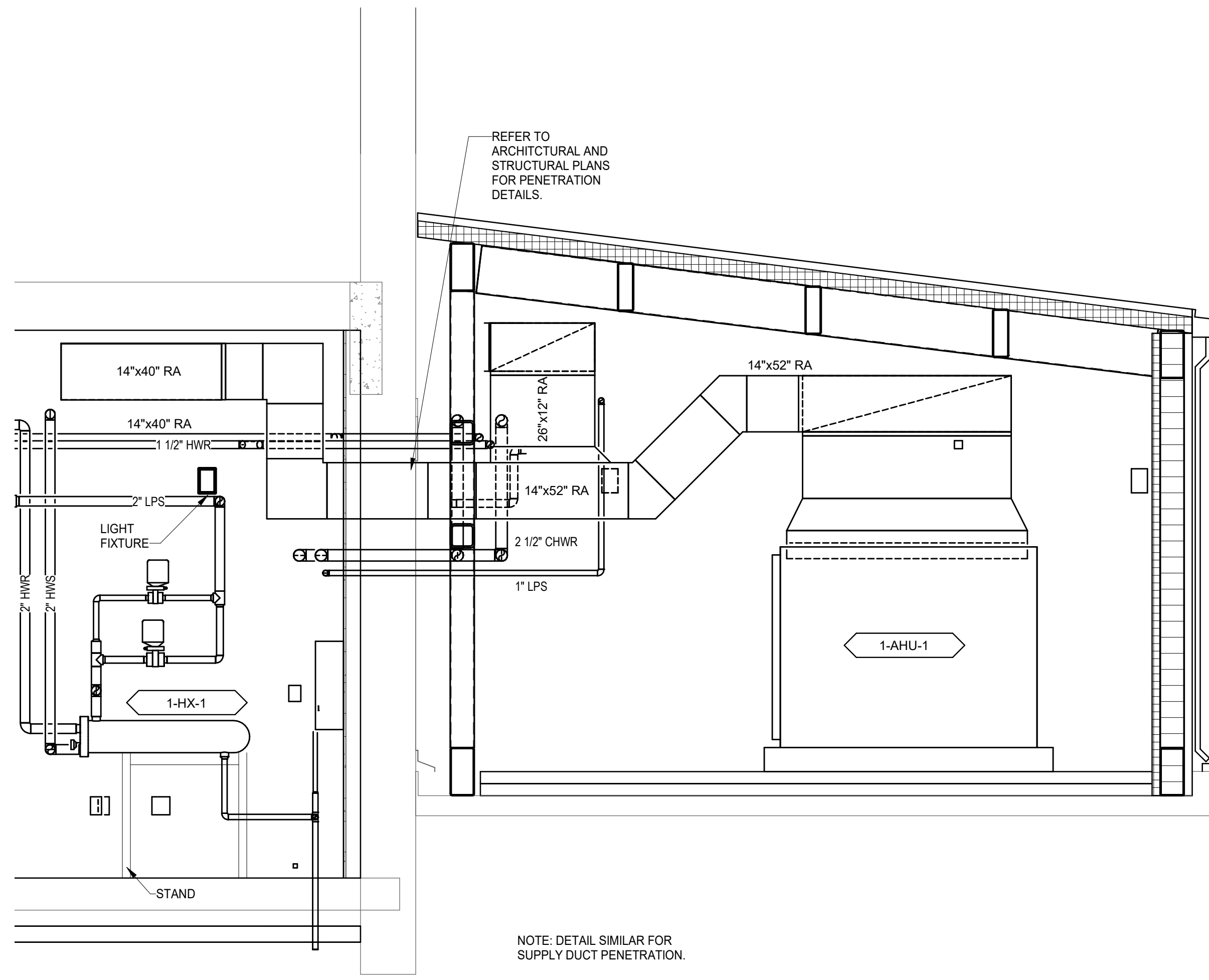
2 MECHANICAL SECTION
MH103 1/2" = 1'-0"



1 MECHANICAL SECTION
MH103 1/2" = 1'-0"



4 MECHANICAL SECTION
MH103 1/2" = 1'-0"

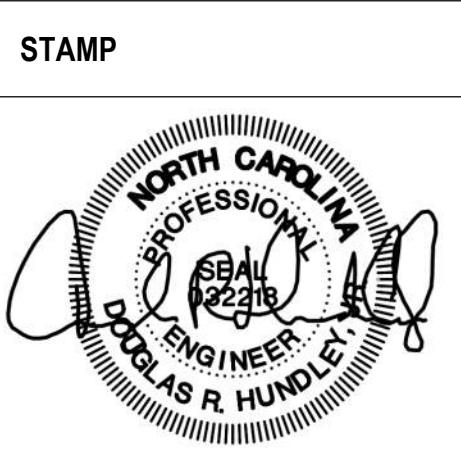


3 DUCT PENETRATION SECTION
MH103 1/2" = 1'-0"

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architects + engineers
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suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022



Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL SECTIONS
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
10 JUN 2022
Checked
AJM
Drawn
LAM

Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
MH103

1 2 3 4 5 6 7 8 9 10



Project Number	565-19-101
Building Number	BLDG 1
Drawing Number	MH104

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VA FORM 08 - 6231

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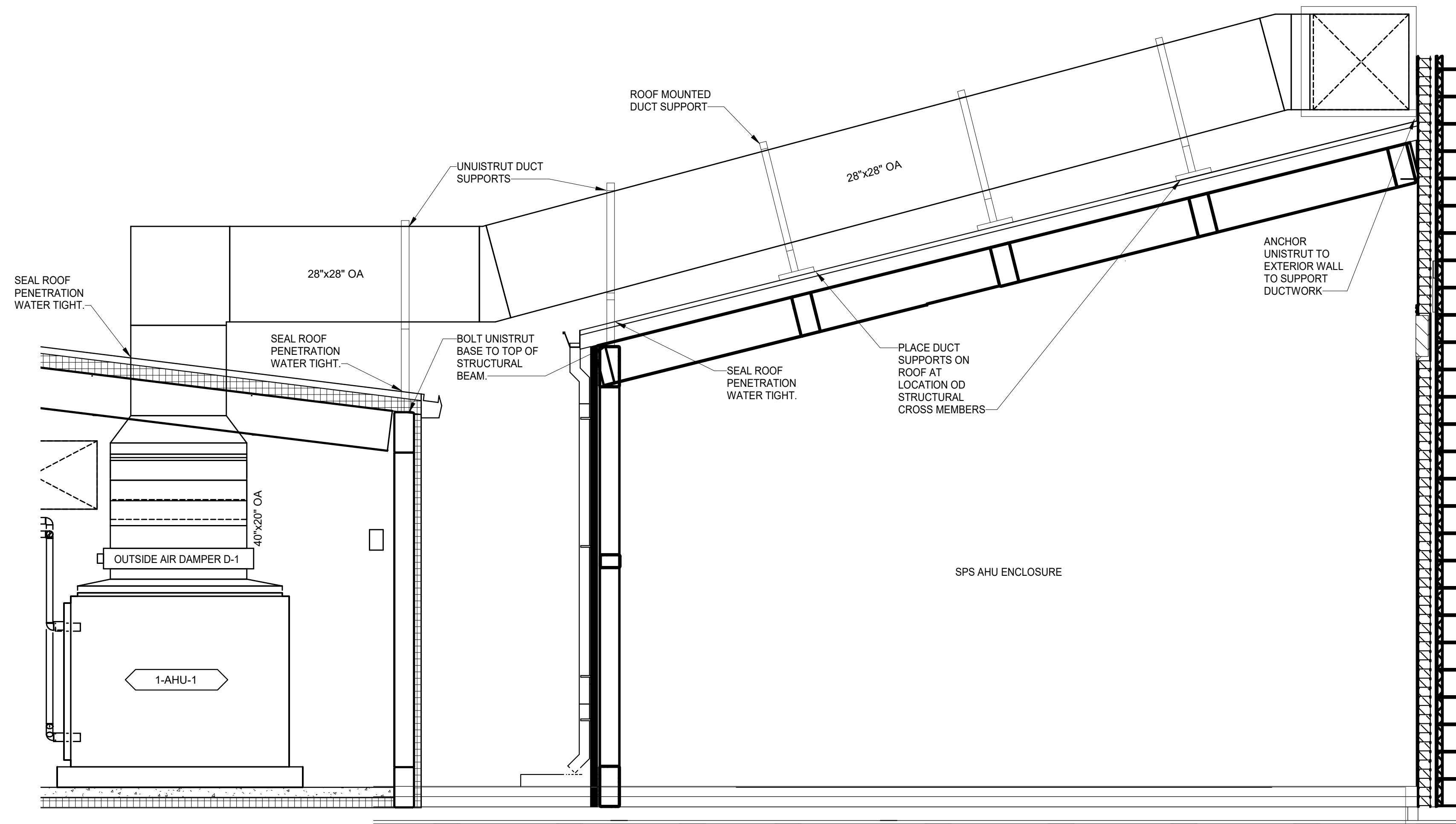
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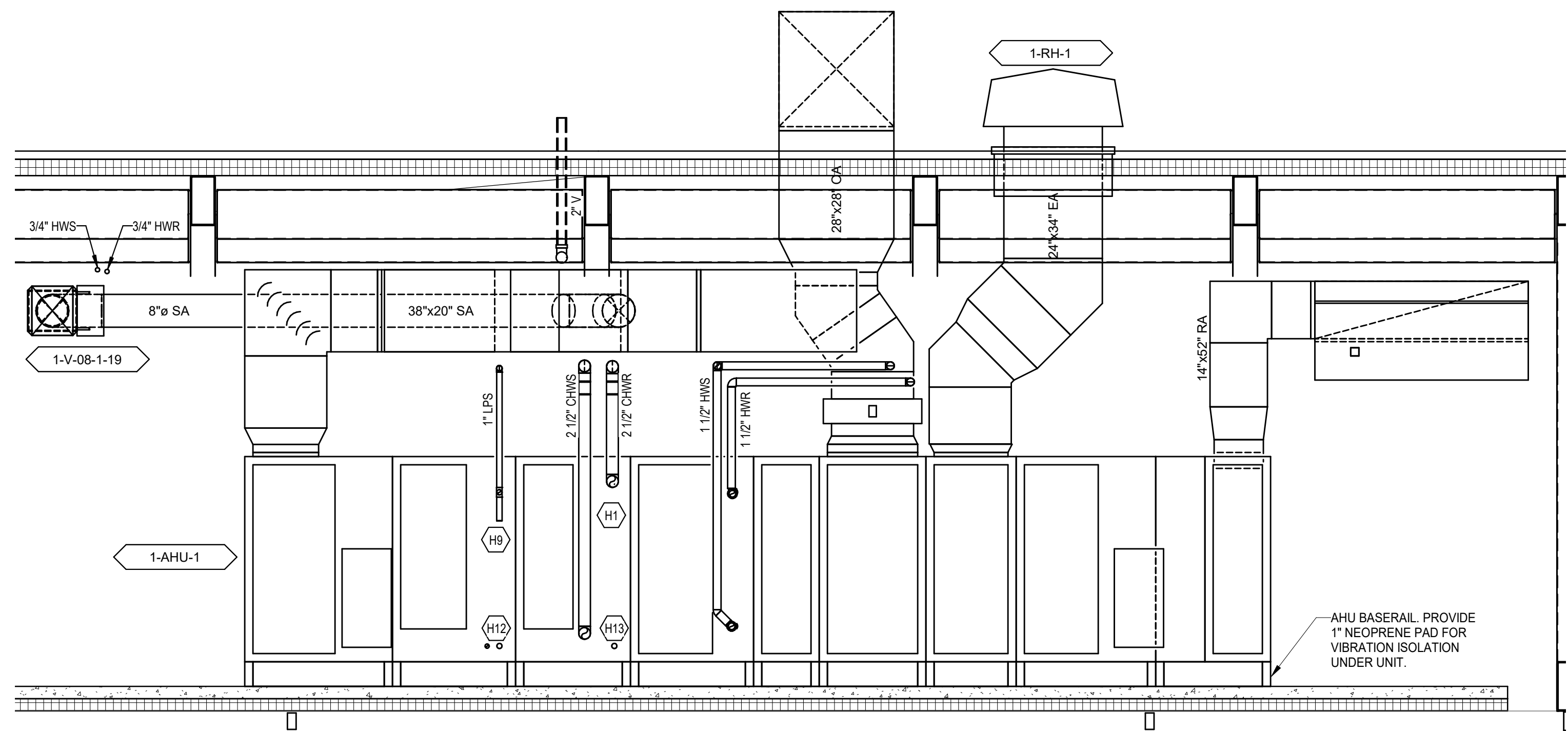
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KEYNOTES - MECHANICAL		#
H1	REFER TO AHU CHILLED WATER COIL PIPING DETAIL	
H9	REFER TO HUMIDIFIER PIPING DETAIL	
H12	ROUTE CONDENSATE FROM HUMIDIFIER TO CONDENSATE COOLER AND DISCHARGE TO FLOOR DRAIN	
H13	ROUTE CONDENSATE FROM CHILLED WATER COIL FULL SIZE DISCHARGE TO FLOOR DRAIN	

1 OA DUCT SECTION
1/2" = 1'-0"

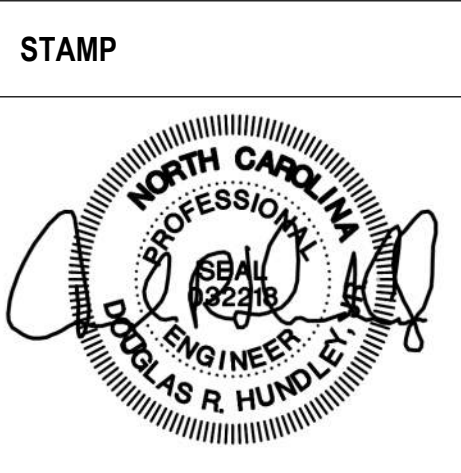


2 SECTION AT AHU
1/2" = 1'-0"

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Revisions:	Date:

CONSULTANT
Consultant: CMTA CONSULTING ENGINEERS, INC 10411 MEETING STREET PROSPECT, KY 40059
POC

ARCHITECT/ENGINEER OF RECORD
nagel architects + engineers 13100 watertown plank road suite 200 elm grove, wi 53122 Nagel Architects + Engineers project number: 19022



Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs
--

Drawing Title MECHANICAL SECTIONS
Approved:

Phase BID DOCUMENTS
FULLY SPRINKLERED

Project Title RENOVATE 1C SURGICAL SUITE
Location 2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date 10 JUN 2022
Checked Checker
Drawn Author

Project Number 565-19-101
Building Number BLDG 1
Drawing Number MH105

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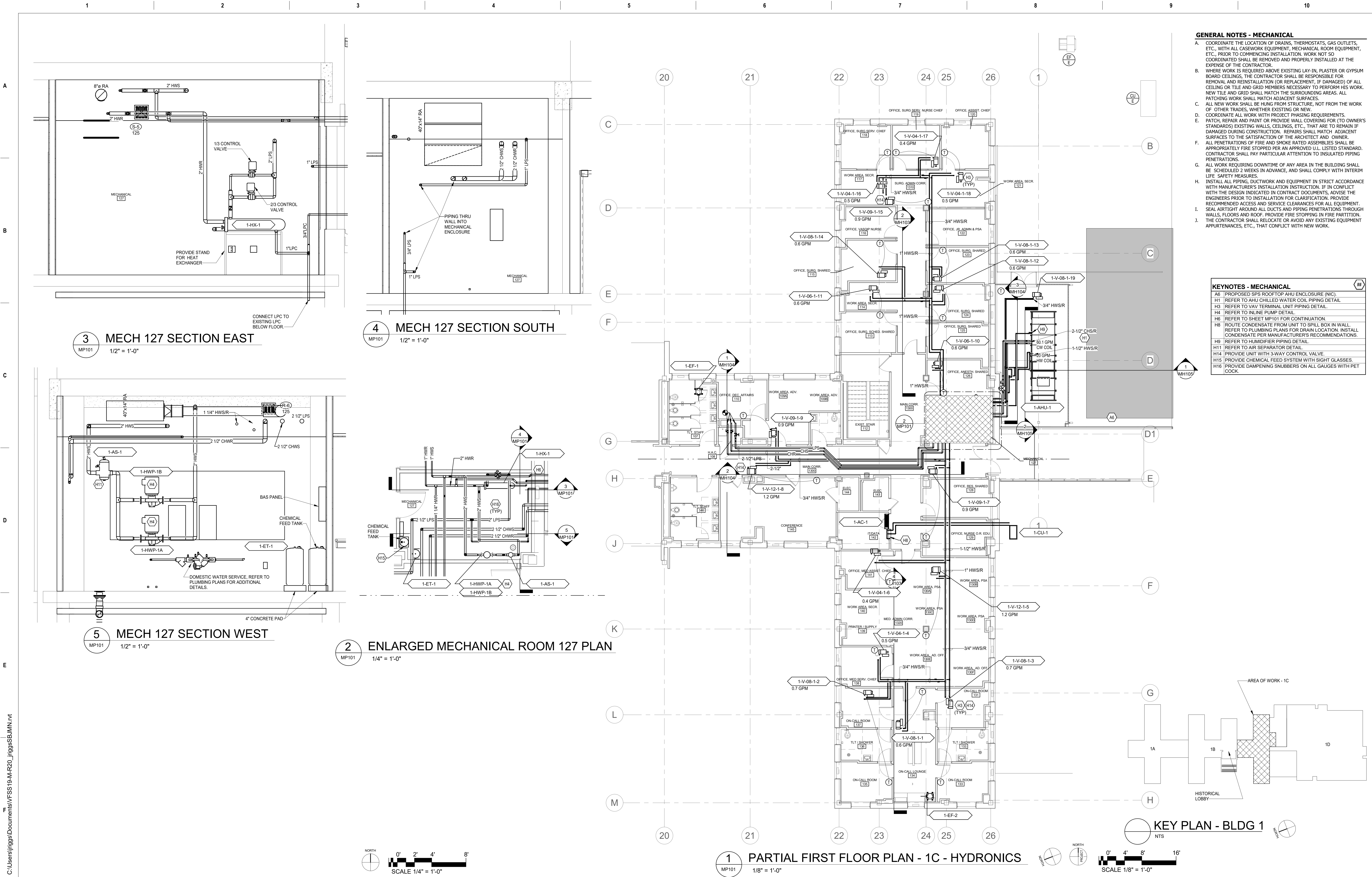
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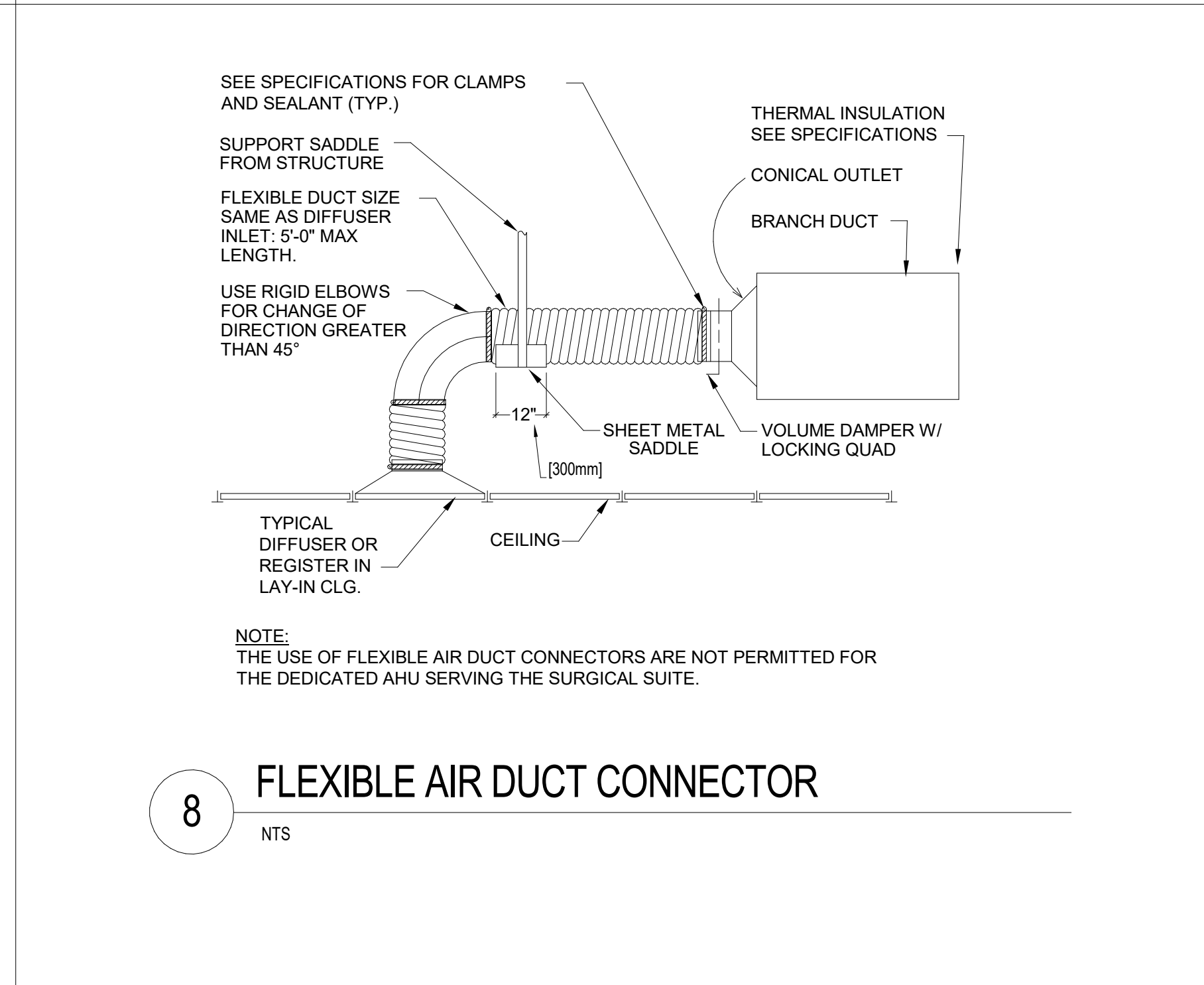
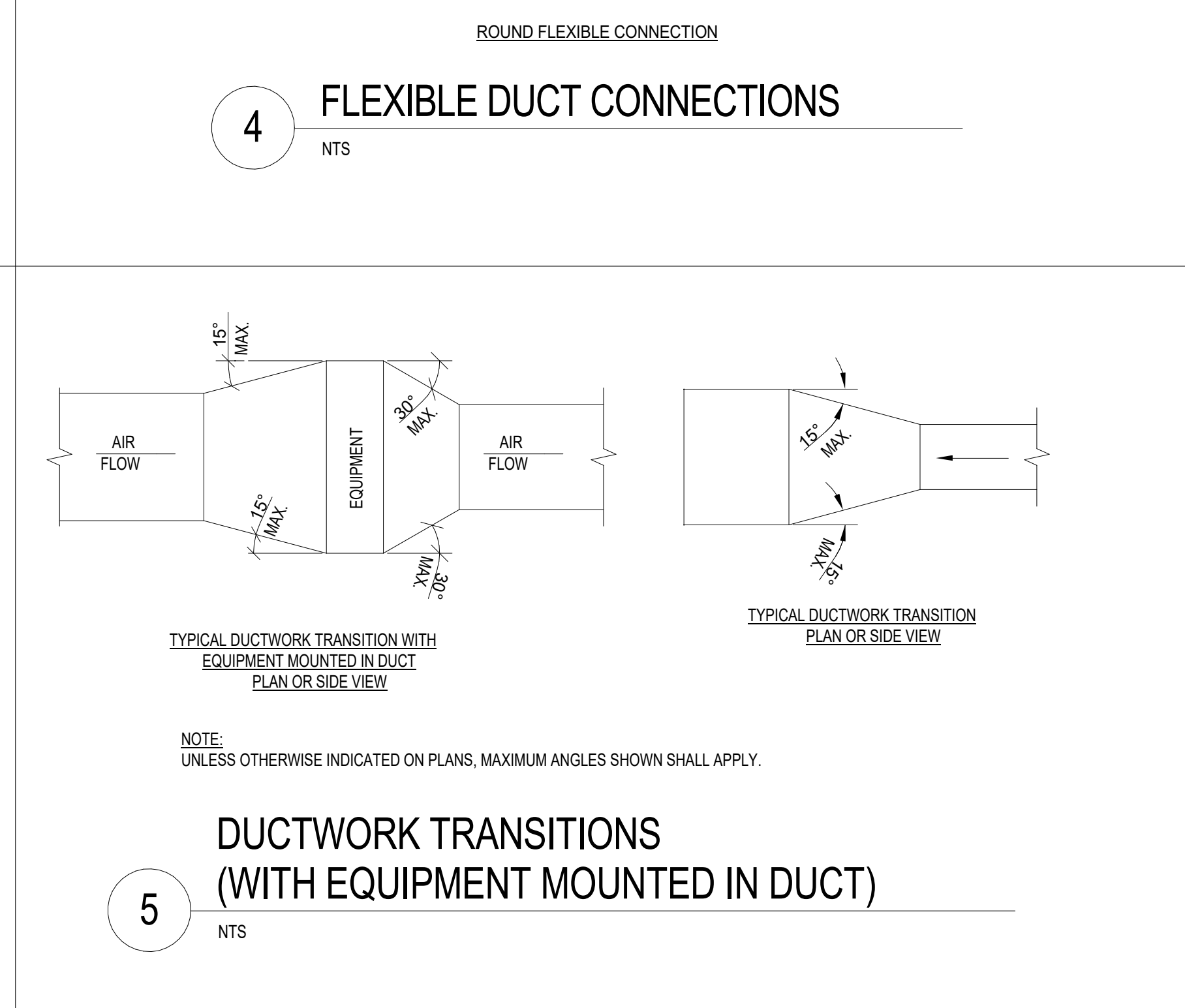
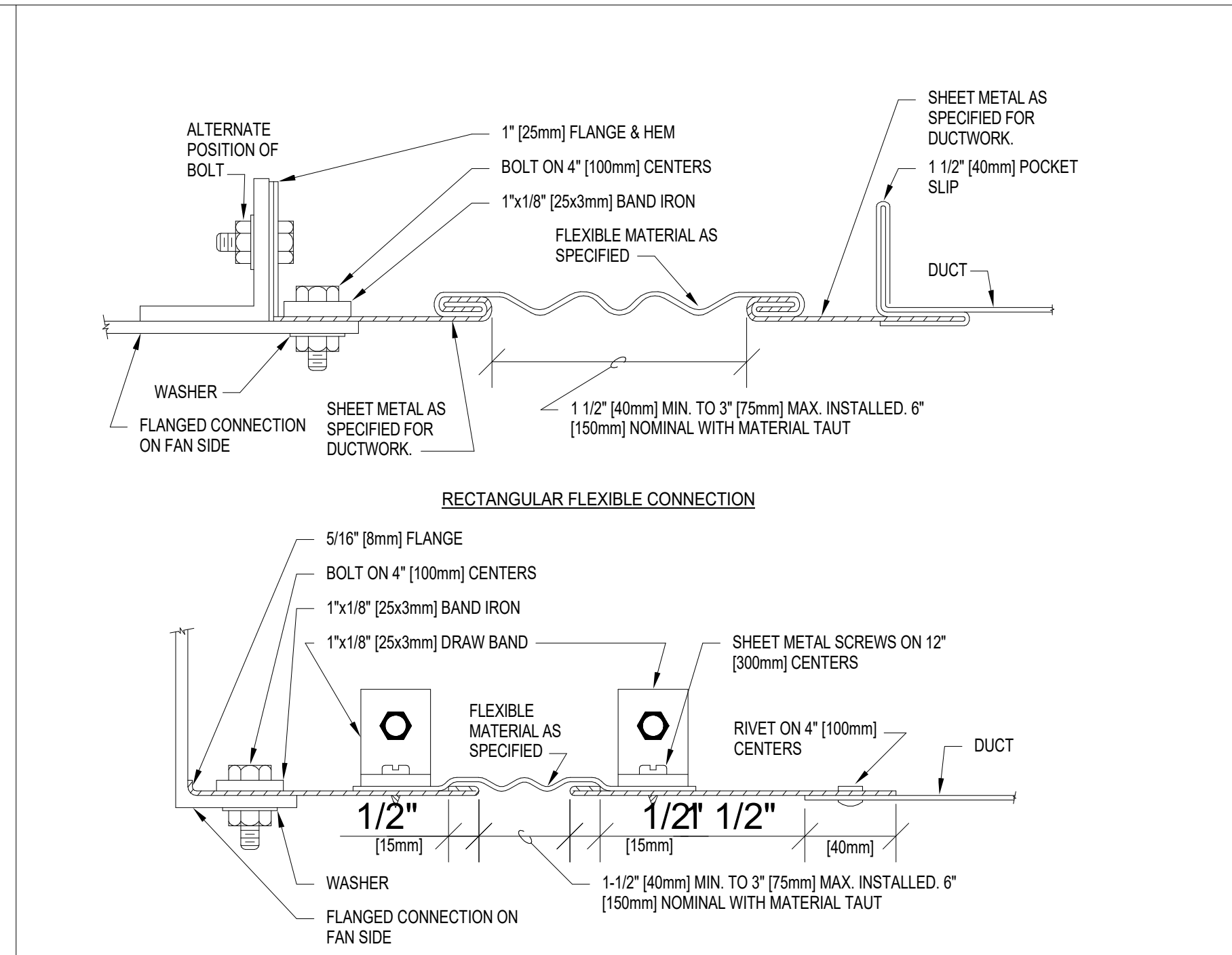
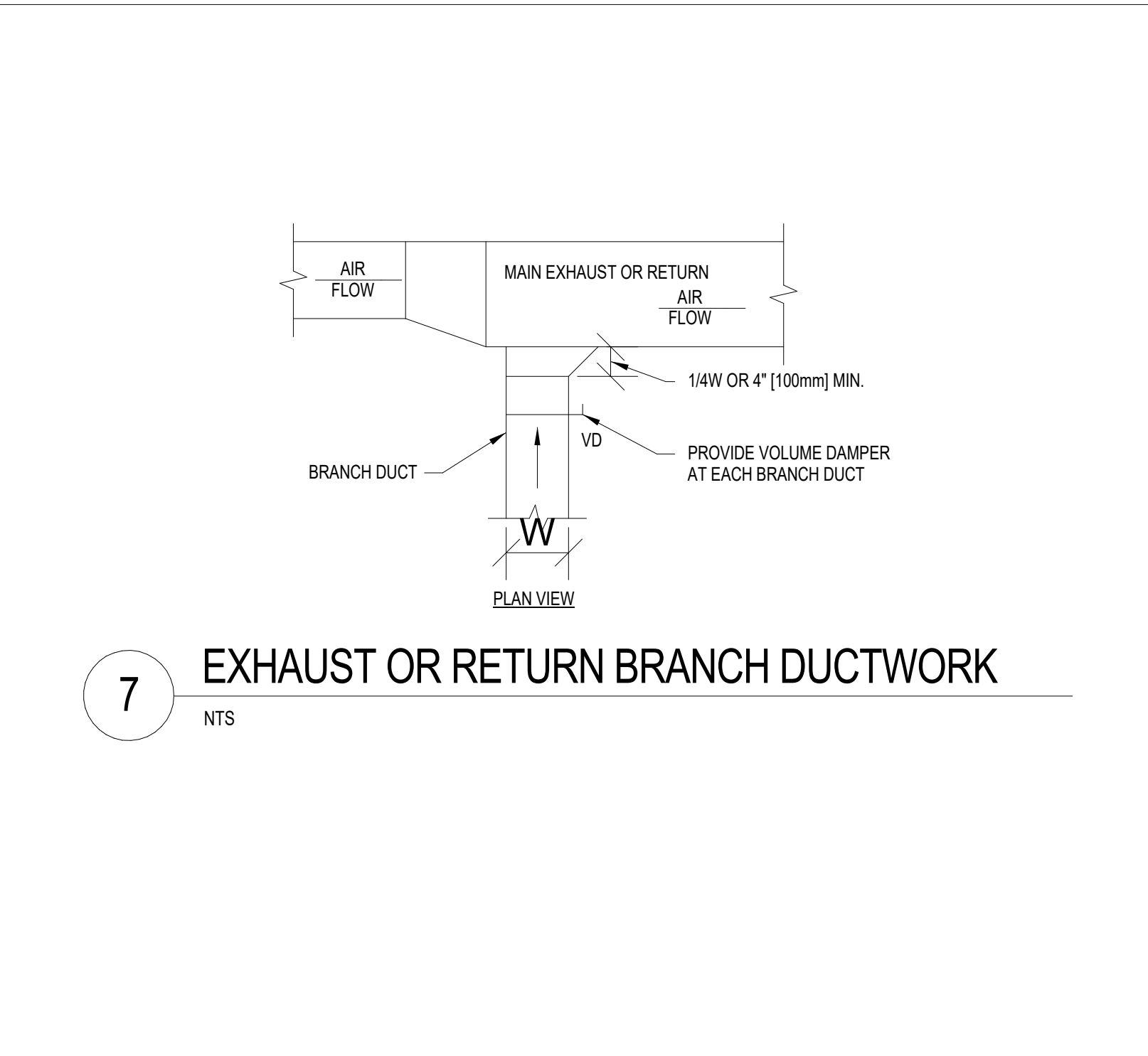
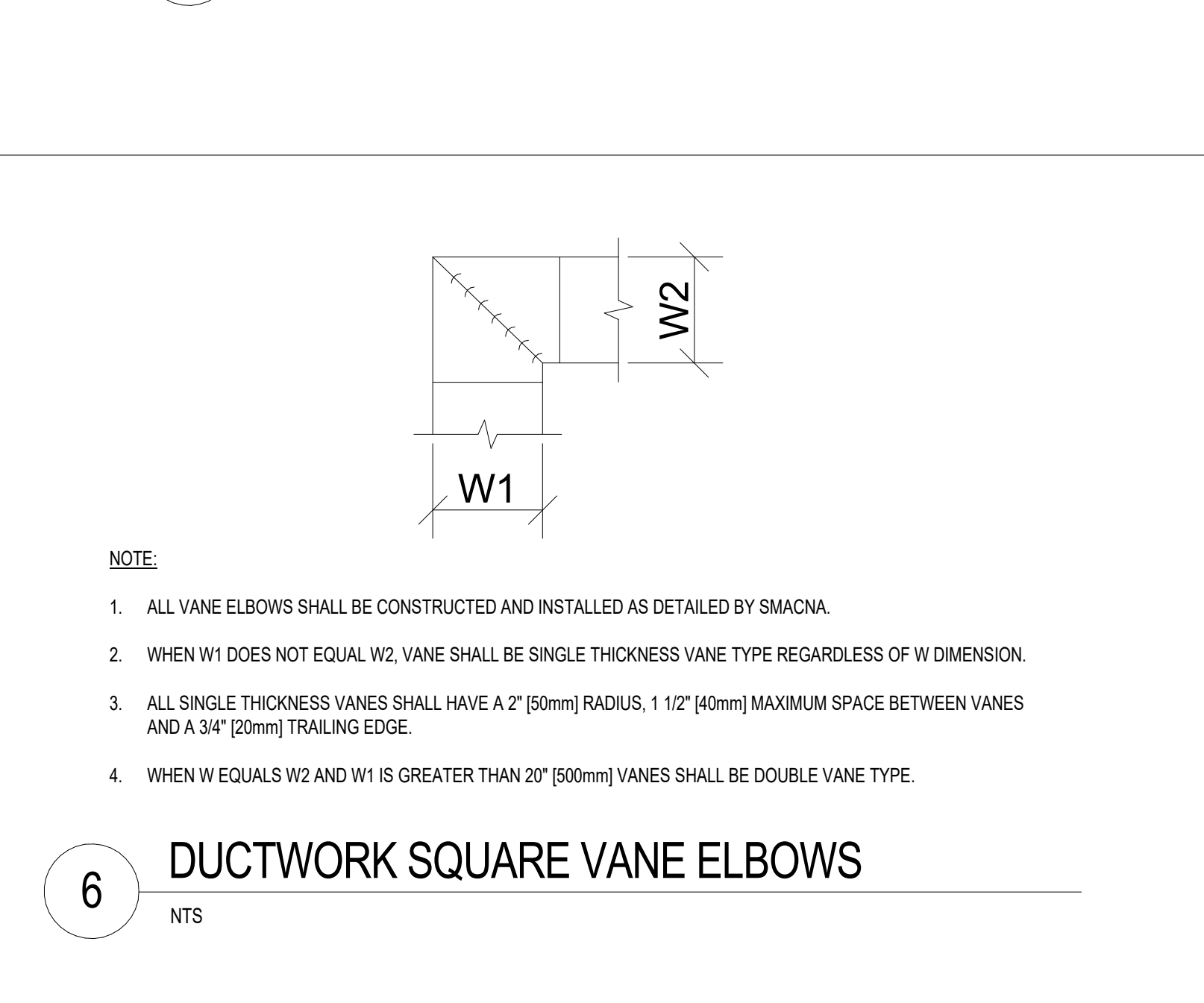
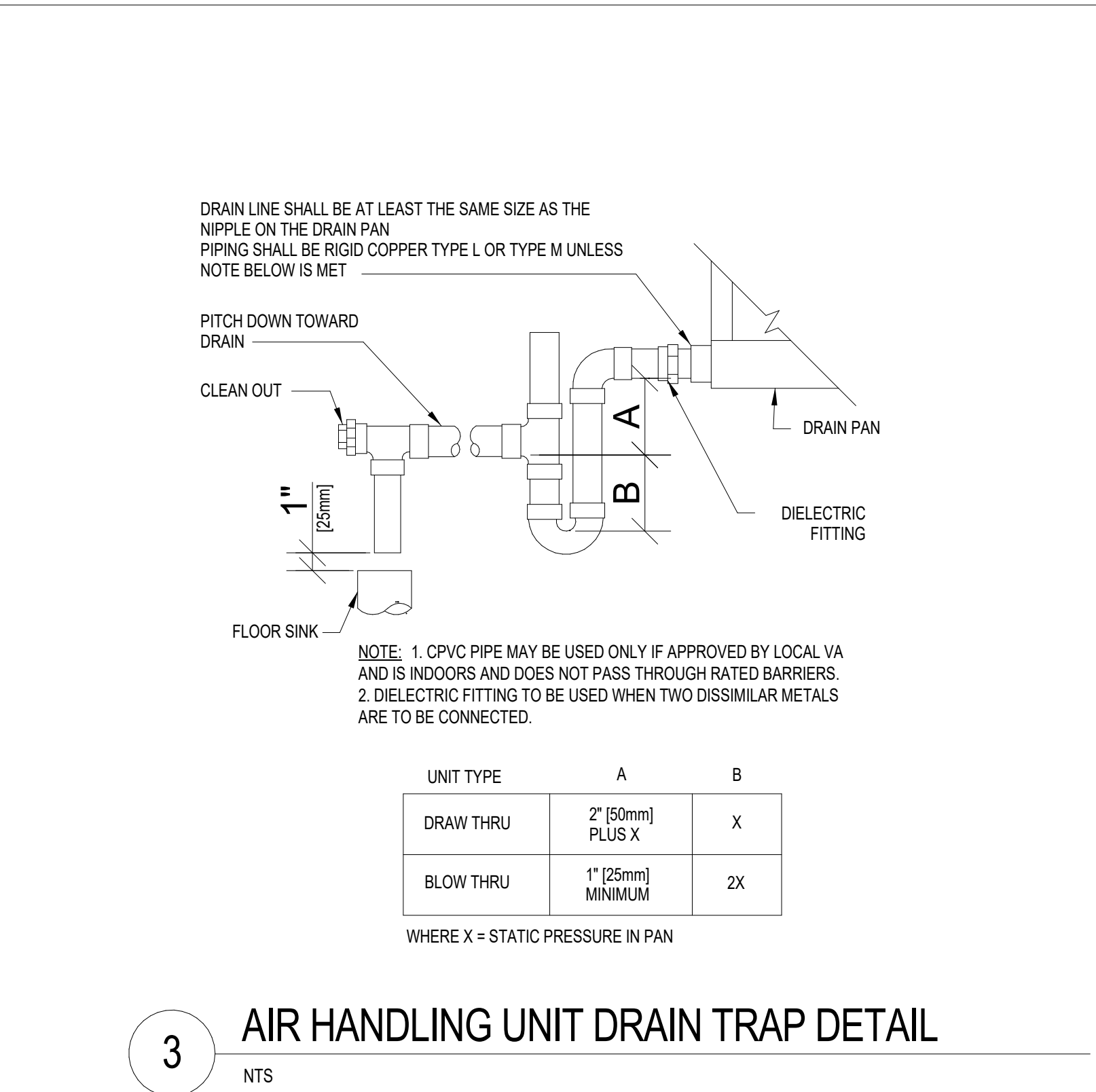
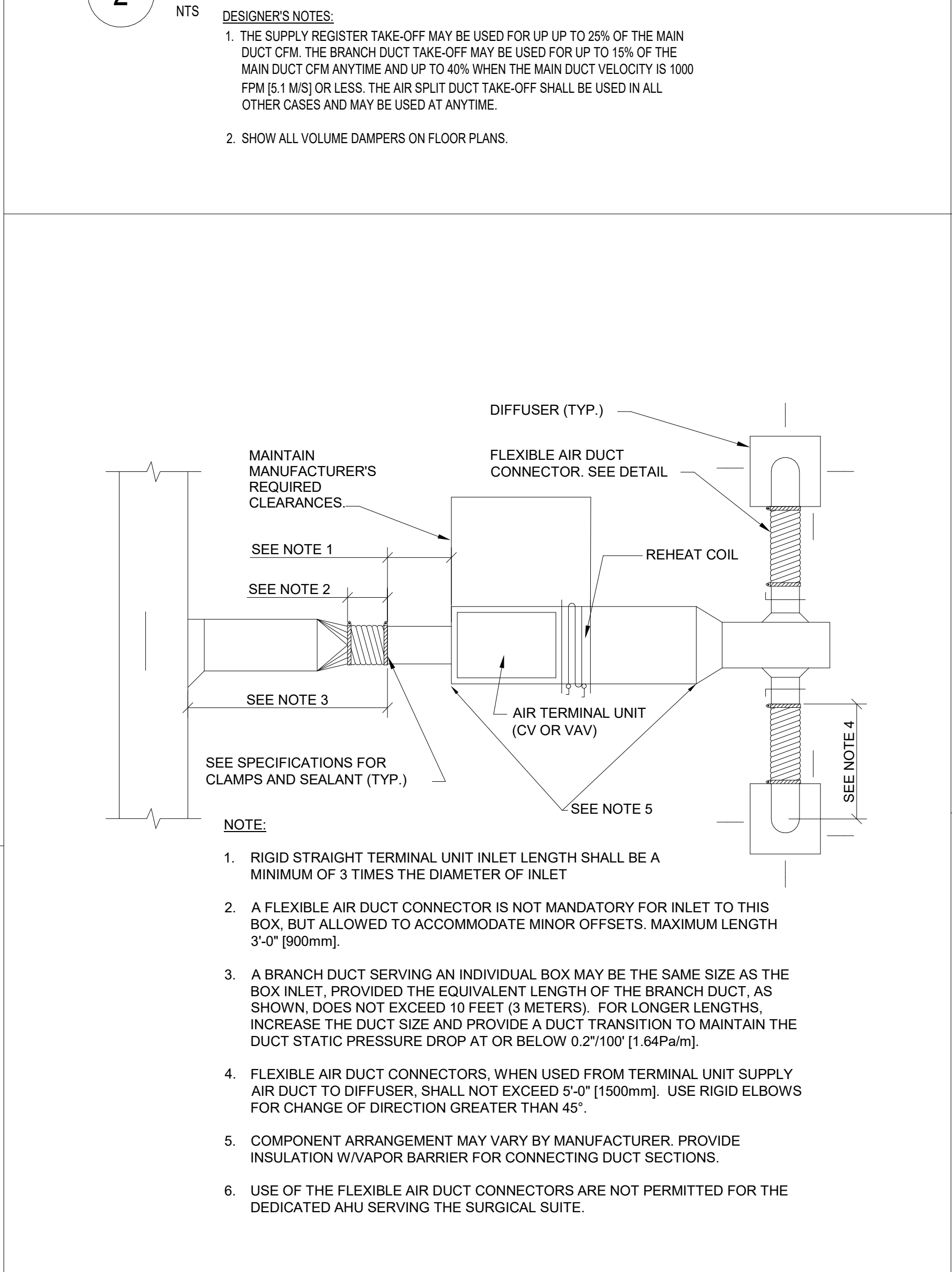
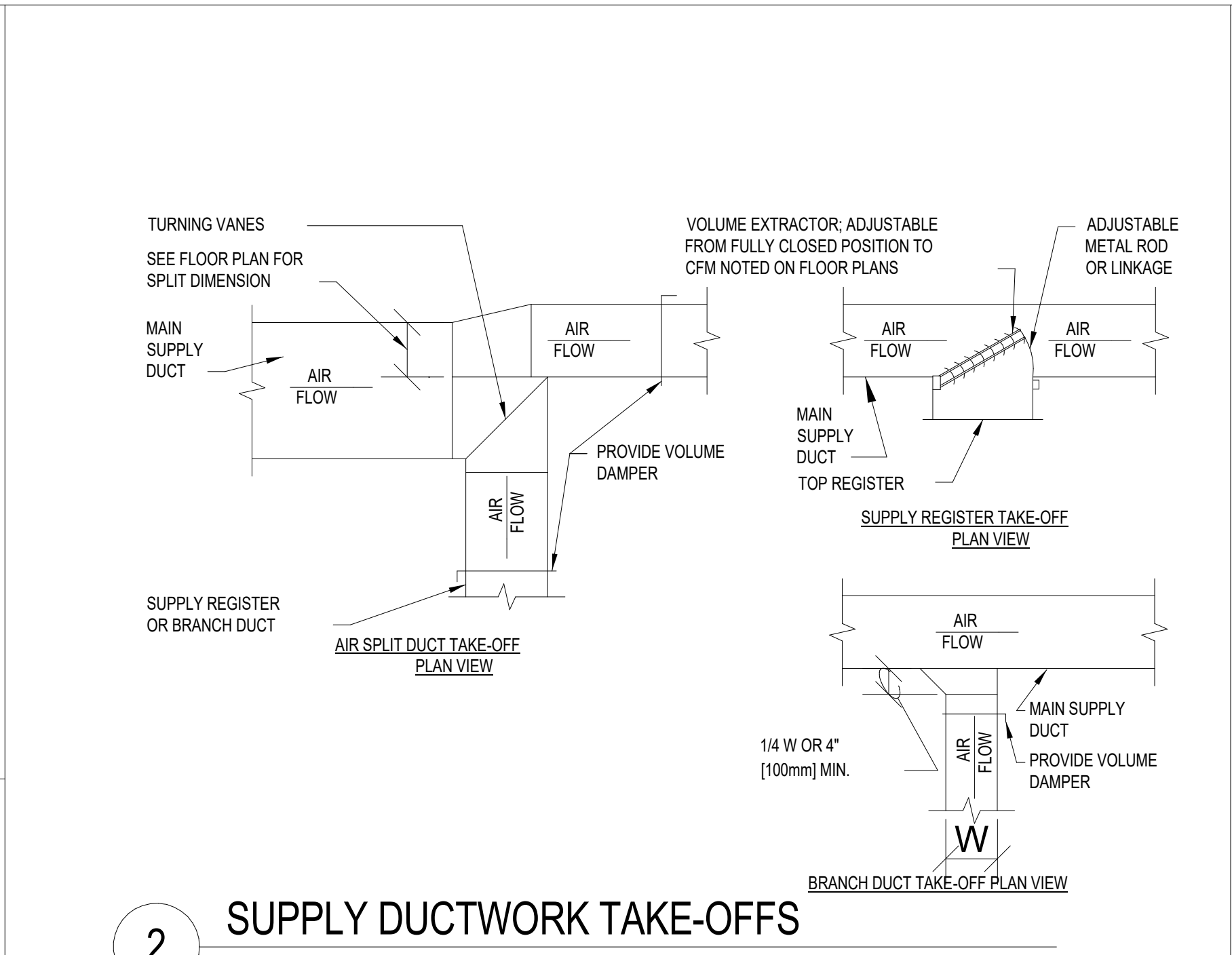
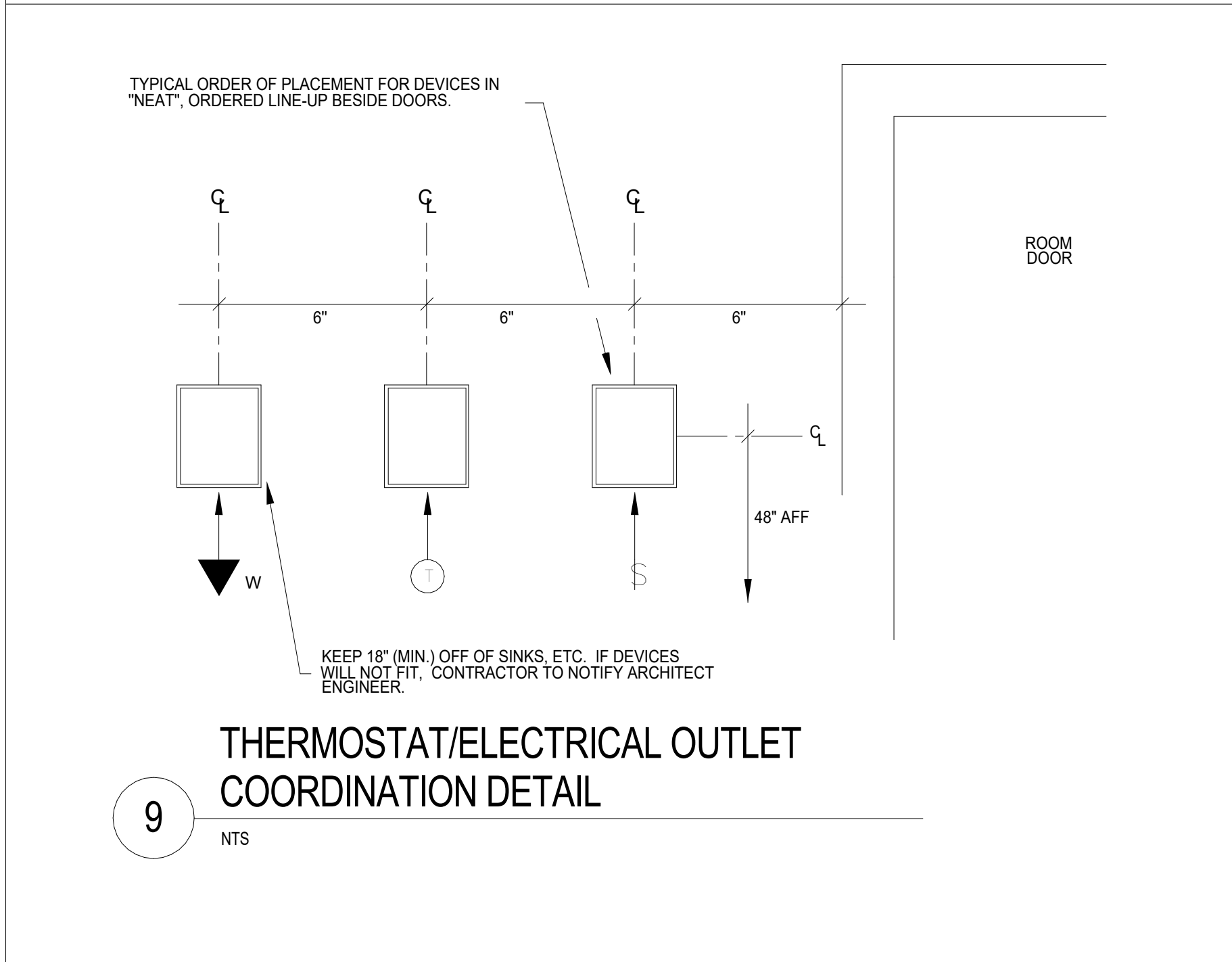
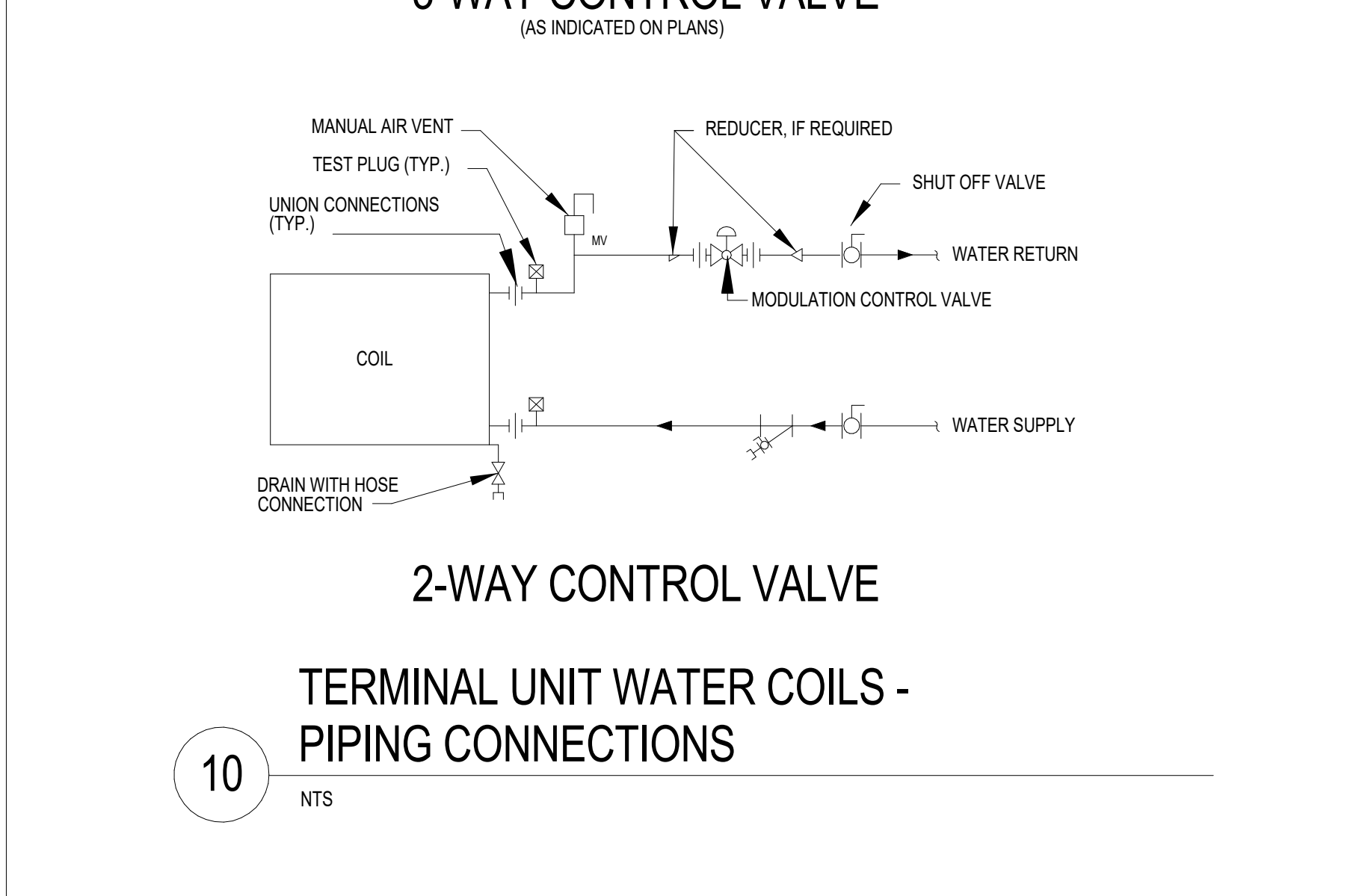
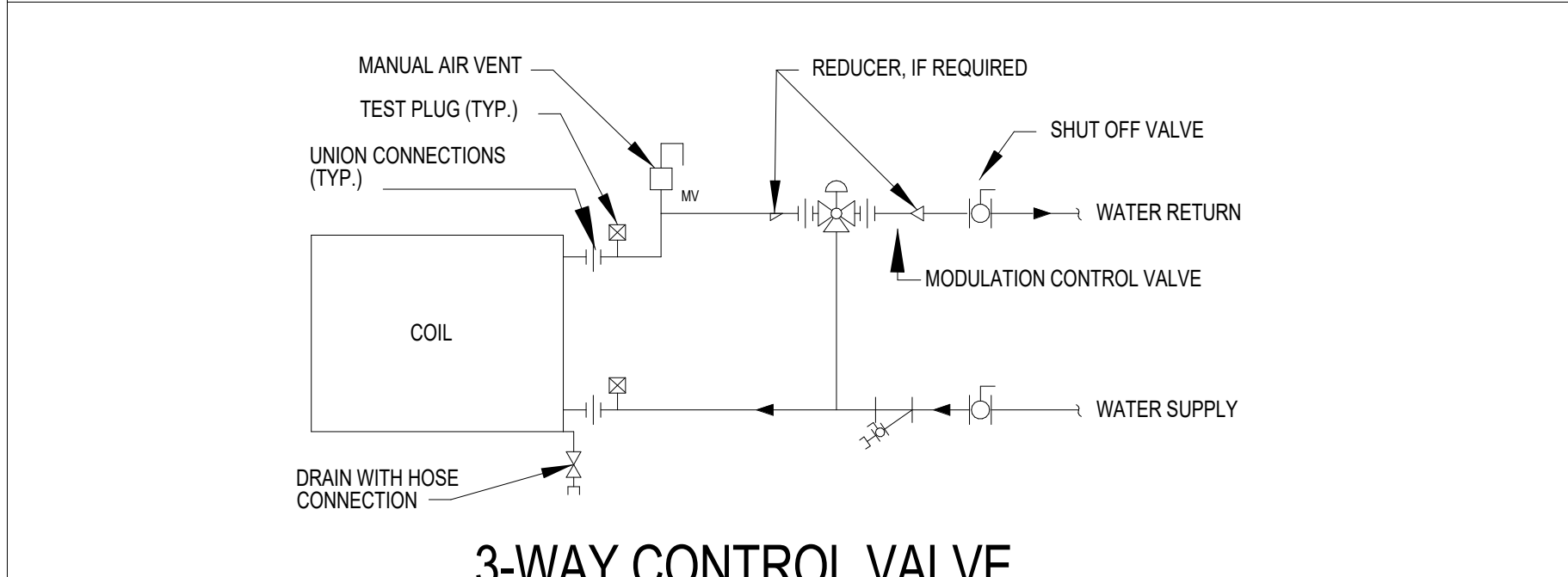
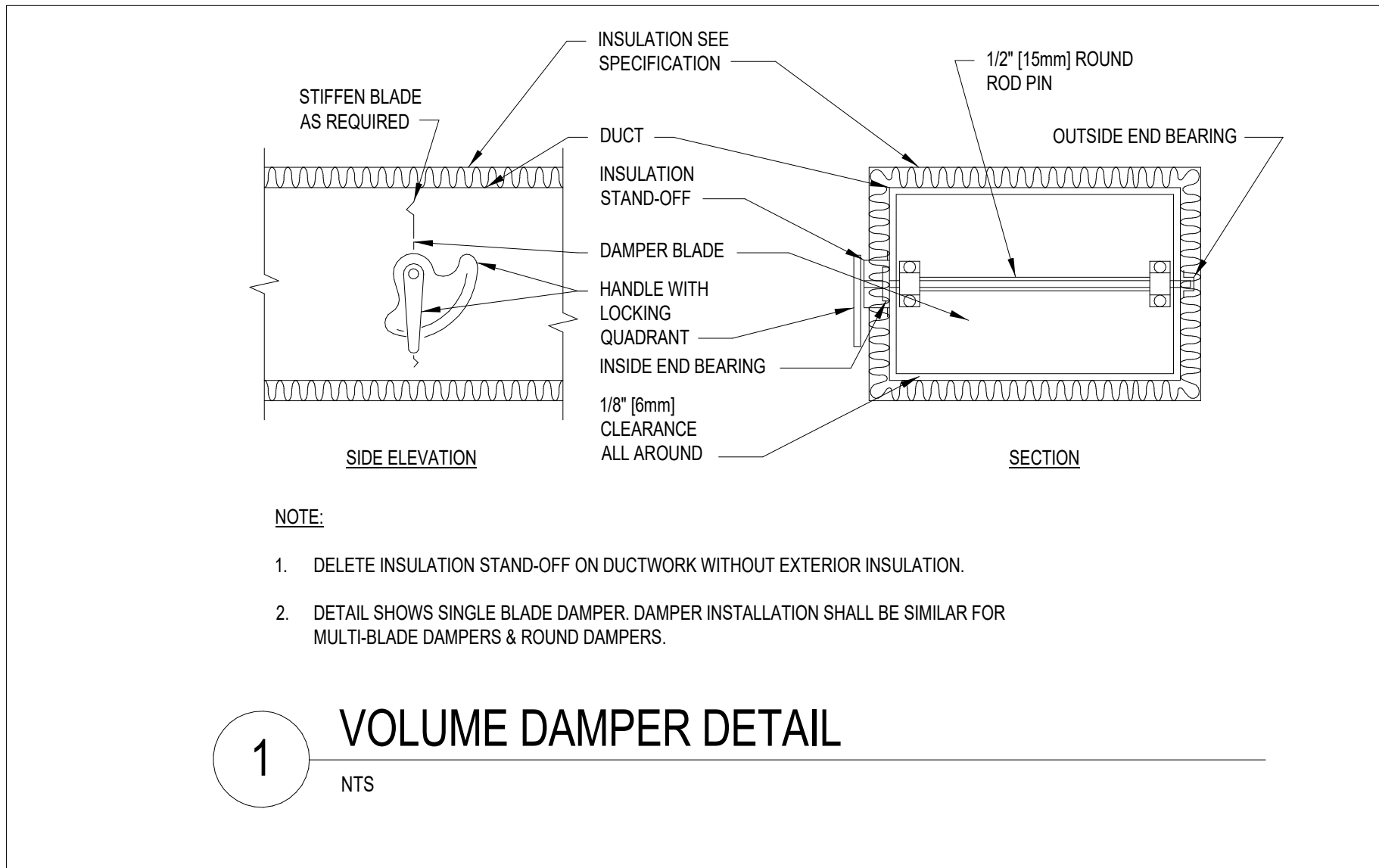
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CONSULTANT Consultant: CMTA CONSULTING ENGINEERS, INC 10411 MEETING STREET PROSPECT, KY 40059 POC		
ARCHITECT/ENGINEER OF RECORD nagel architects + engineers 13100 watertown plank road suite 200 elm grove, wi 53122 Nagel Architects + Engineers project number: 19022		
Office of Construction and Facilities Management U.S. Department of Veterans Affairs		
Drawing Title PARTIAL FIRST FLOOR PLAN - 1C - HYDRONICS Approved:		
Phase BID DOCUMENTS FULLY SPRINKLERED		
Project Title RENOVATE 1C SURGICAL SUITE Location 2300 RAMSEY ST, FAYETTEVILLE, NC 28301 Issue Date 10 JUN 2022 Checked AJM Drawn LAM		Project Number 565-19-101 Building Number BLDG 1 Drawing Number MP101

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Consultant:
CMTA CONSULTING ENGINEERS, INC
10411 MEETING STREET
PROSPECT, KY 40059
POC

ARCHITECT/ENGINEER OF RECORD
nagel
architects + engineers
13100 watertown plank road
suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP
PROFESSIONAL SEAL
ARCHITECT/ENGINEER
STATE OF KENTUCKY
NO. 19022
DATE 06/10/2022
BY J. RIGGS

Office of Construction and Facilities Management
VA
U.S. Department of Veterans Affairs

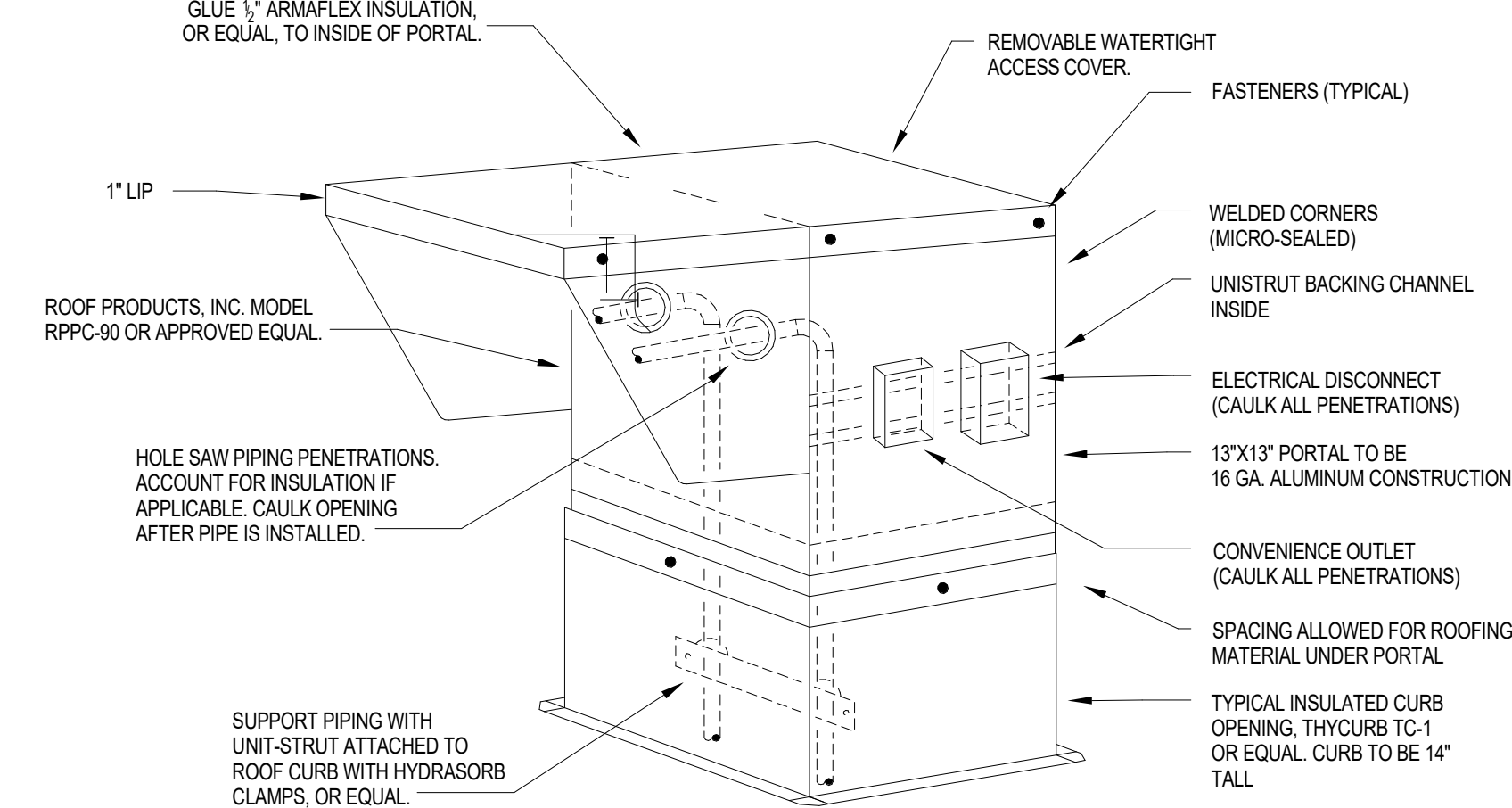
Drawing Title
MECHANICAL DETAILS
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

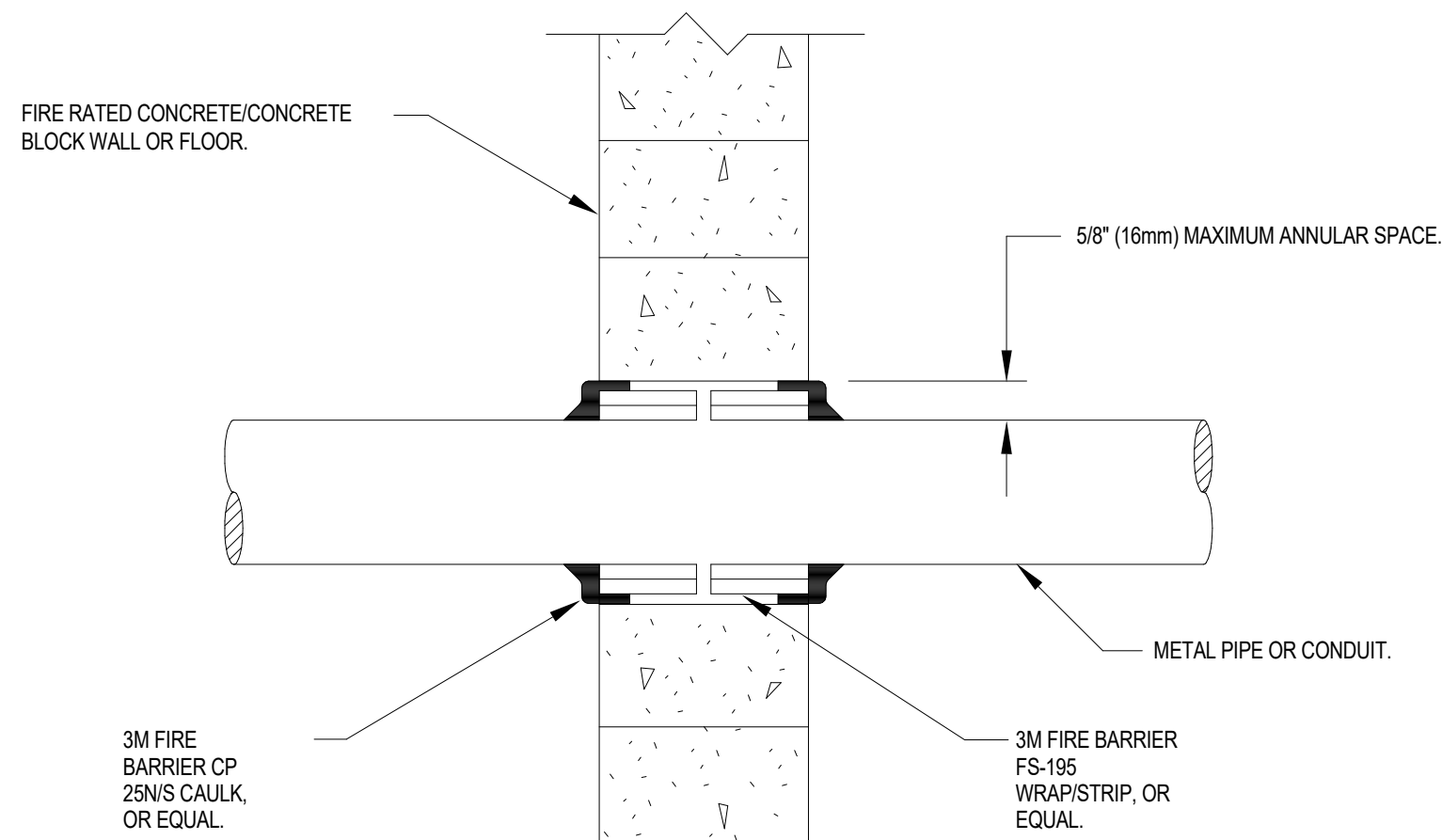
Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
10 JUN 2022
Checked
AJM
Drawn
LAM

Project Number
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Building Number
BLDG 1
Drawing Number
MH300

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2 PIPE CHASE / ROOF CURB DETAIL

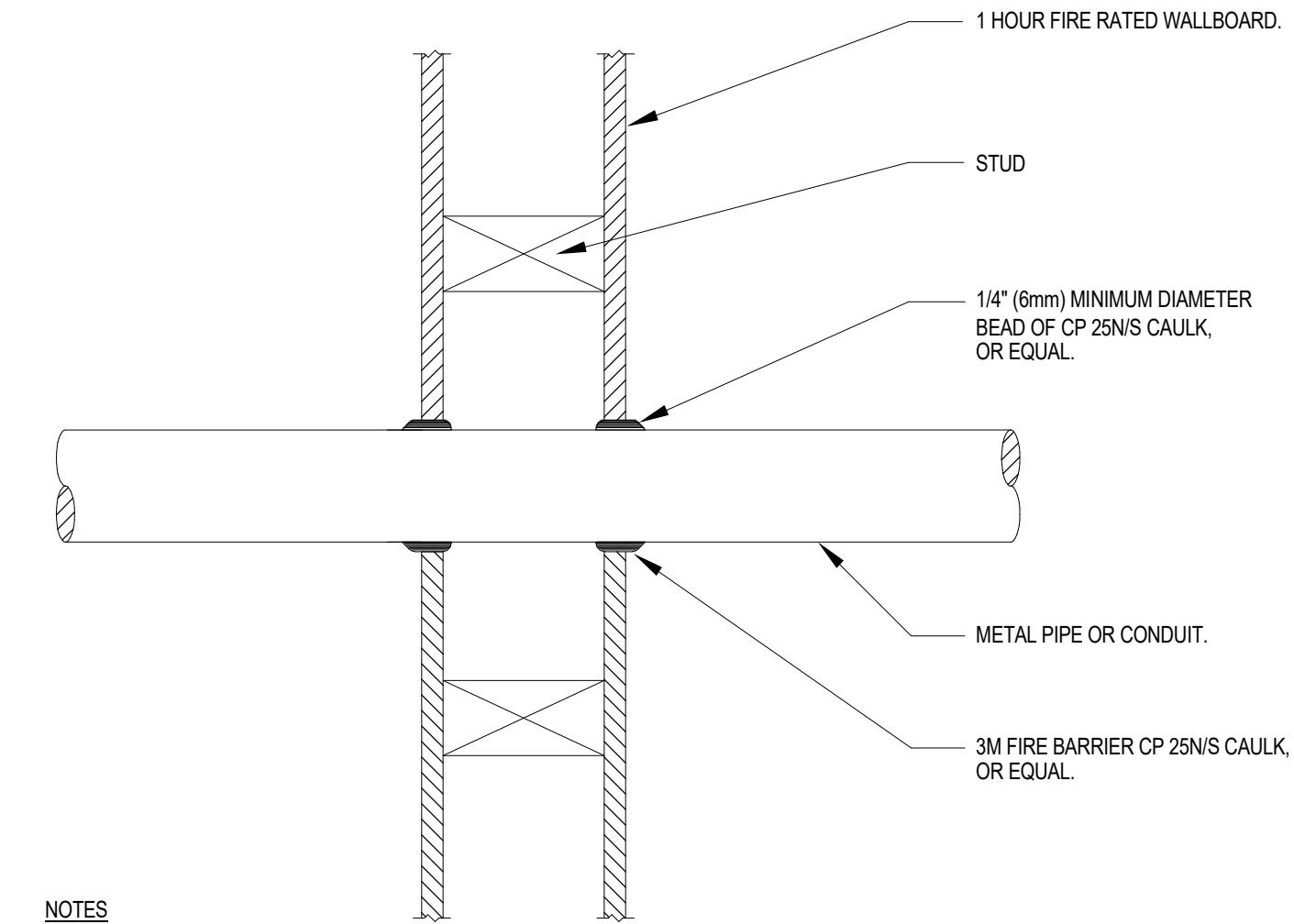


- NOTES
1. THE MAXIMUM ANNULAR SPACE AROUND THE METAL PIPE OR CONDUIT IS 5/8" (16mm). (IF THE ANNULAR SPACE EXCEEDS 5/8" PATCH THE WALL AND PENETRATE WALL AT ANOTHER LOCATION).
 2. WRAP THE 3M MODEL# FS-195 WRAP/STRIP, OR EQUAL, AROUND THE PIPE/CONDUIT, FOIL SIDE OUT, TO FILL THE SPACE BETWEEN THE PIPE/CONDUIT AND THE WALL OPENING. THE 3M MODEL# FS-195 WRAP/STRIP, OR EQUAL, SHOULD BE TIGHTLY SECURED WITH ALUMINUM FOIL TAPE OR STEEL TIE WIRE AND PUSHED INTO THE OPENING UNTIL THE TOP EDGE OF THE WRAP IS FLUSH WITH THE WALL SURFACE. THE IDENTICAL INSTALLATION SHOULD BE INSTALLED ON THE OTHER SIDE OF THE WALL.
 3. USE 3M MODEL# CP 25NS/NO SAG, OR EQUAL, CAULK TO FILL THE AREA BETWEEN THE FS-195 WRAP/STRIP, OR EQUAL, AND THE EDGES OF THE OPENING AND ANY VOIDS IN THE 3M MODEL# FS-195 WRAP/STRIP, OR EQUAL, A FILM OF CP 25 CAULK, OR EQUAL, SHOULD COAT ALL EXPOSED EDGES OF THE FS-195 WRAP/STRIP, OR EQUAL, AND COMPLETELY SEAL THE AREA BETWEEN THE FS-195 WRAP/STRIP, OR EQUAL, THE PIPE/CONDUIT AND THE WALL SURFACE.

PENETRATION FIRESTOP FOR METAL PIPE/CONDUIT THROUGH A CONCRETE WALL

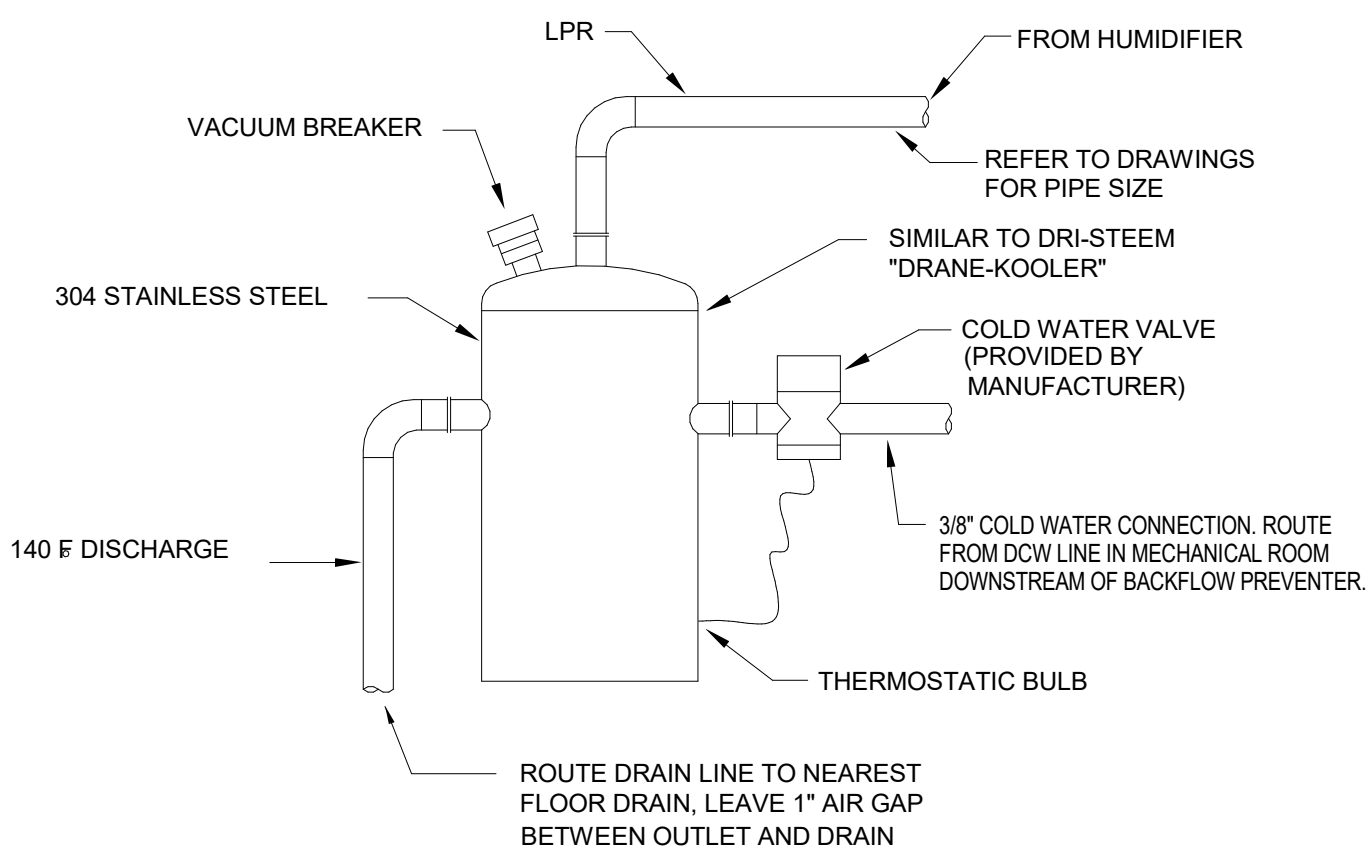
- FIRE STOPPING NOTES
1. FIRE STOPPING IS CRITICAL AND MUST BE ACCOMPLISHED.
 2. A FOUR-HOUR TRAINING SESSION SHALL BE CONDUCTED BY MANUFACTURER OF THE FIRESTOPPING MATERIAL. THIS SHALL BE DONE PRIOR TO THE INSTALLATION OF THE MATERIAL. CONTACT HOSPITAL ENGINEER AND CMTA TO ADVISE OF DATE AND TIME OF THIS MEETING.
 3. ALL PENETRATIONS WILL BE REVIEWED BY THE HOSPITAL ENGINEER OR CMTA. PRIOR TO INSPECTION, ALL CEILING TILES BENEATH THE PENETRATIONS SHALL BE REMOVED BY THE CONTRACTOR. REFER TO FIRESTOP SPECIFICATIONS FOR MORE INFORMATION. MECHANICAL CONTRACTOR TO PROVIDE ALL FIRESTOPPING FOR MECHANICAL AND PLUMBING SCOPE OF WORK.

1 PENETRATION FIRESTOP DETAILS

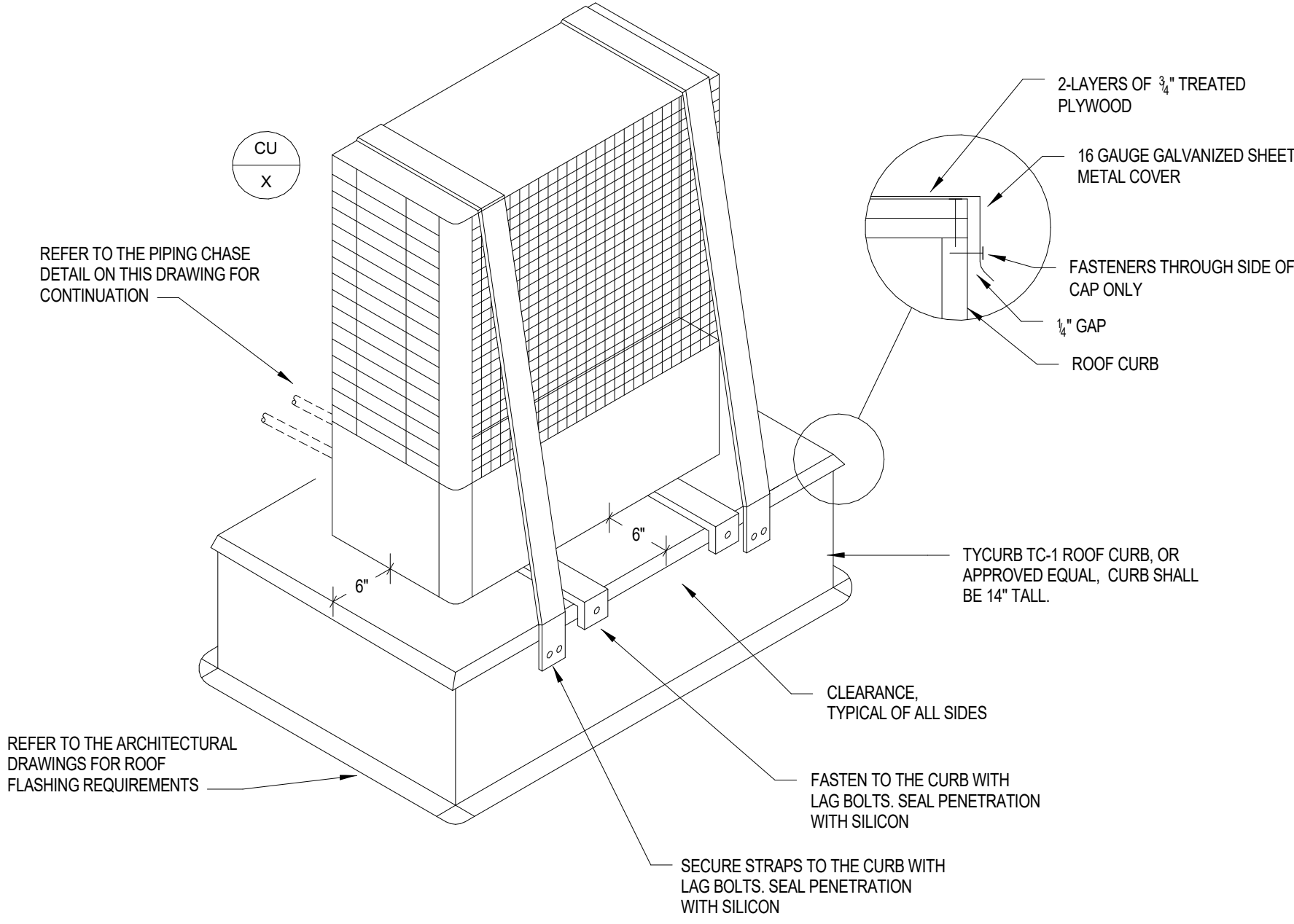


- NOTES
1. FORCE THE 3M MODEL# CP 25NS CAULK, OR EQUAL, INTO THE ANNULAR SPACE TO THE MAXIMUM EXTENT POSSIBLE. FLUSH WITH THE EXTERIOR OF THE PENETRATION SURFACE.
 2. FINISH CAULKING WITH A 1/4" (6mm) MINIMUM BEAD OF CP 25NS CAULK, OR EQUAL, APPLIED TO THE PERIMETER OF THE CONDUIT/PIPE AT ITS EGRESS FROM THE WALL.
 3. THE MAXIMUM ANNULAR SPACE IS NOT TO EXCEED 3/16" (5mm). (IF IT DOES PATCH WALL AND PENETRATE WALL AT ANOTHER LOCATION).
 4. INSTALL THE 3M FIRESTOP ON BOTH SIDES OF THE WALL.

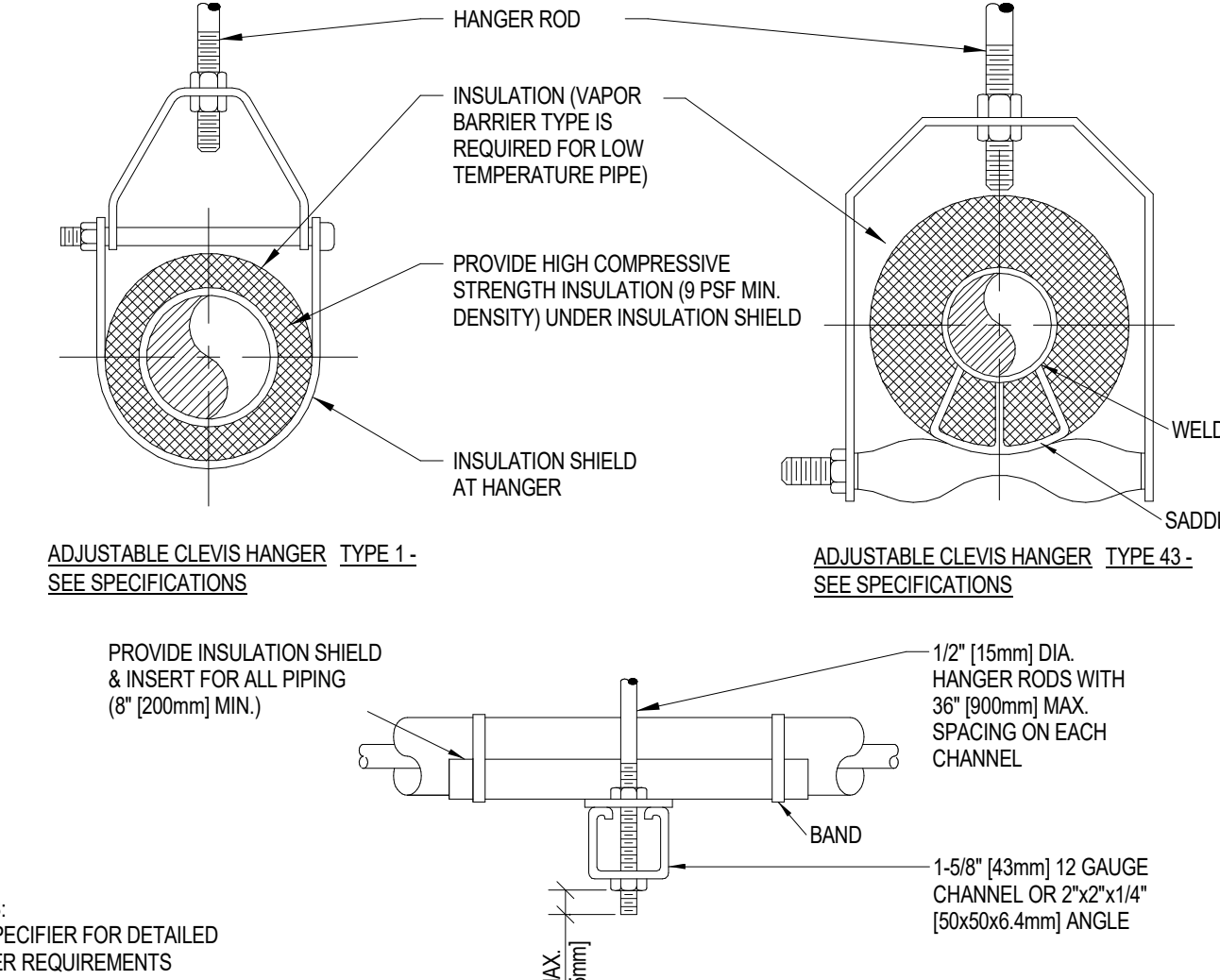
PENETRATION FIRESTOP FOR METAL PIPE/CONDUIT THROUGH DRY-WALL



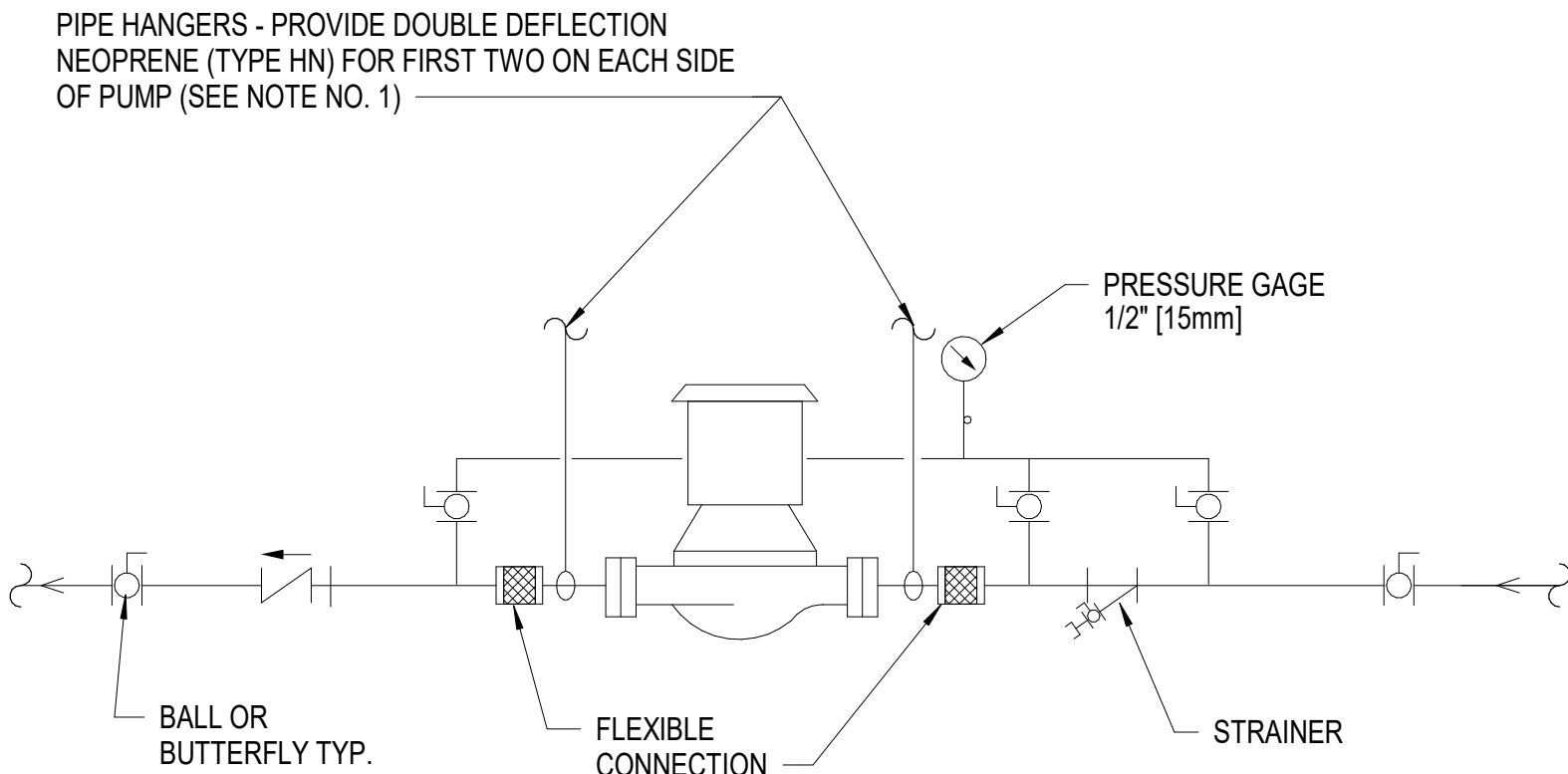
8 CONDENSATE DRAIN COOLER DETAIL



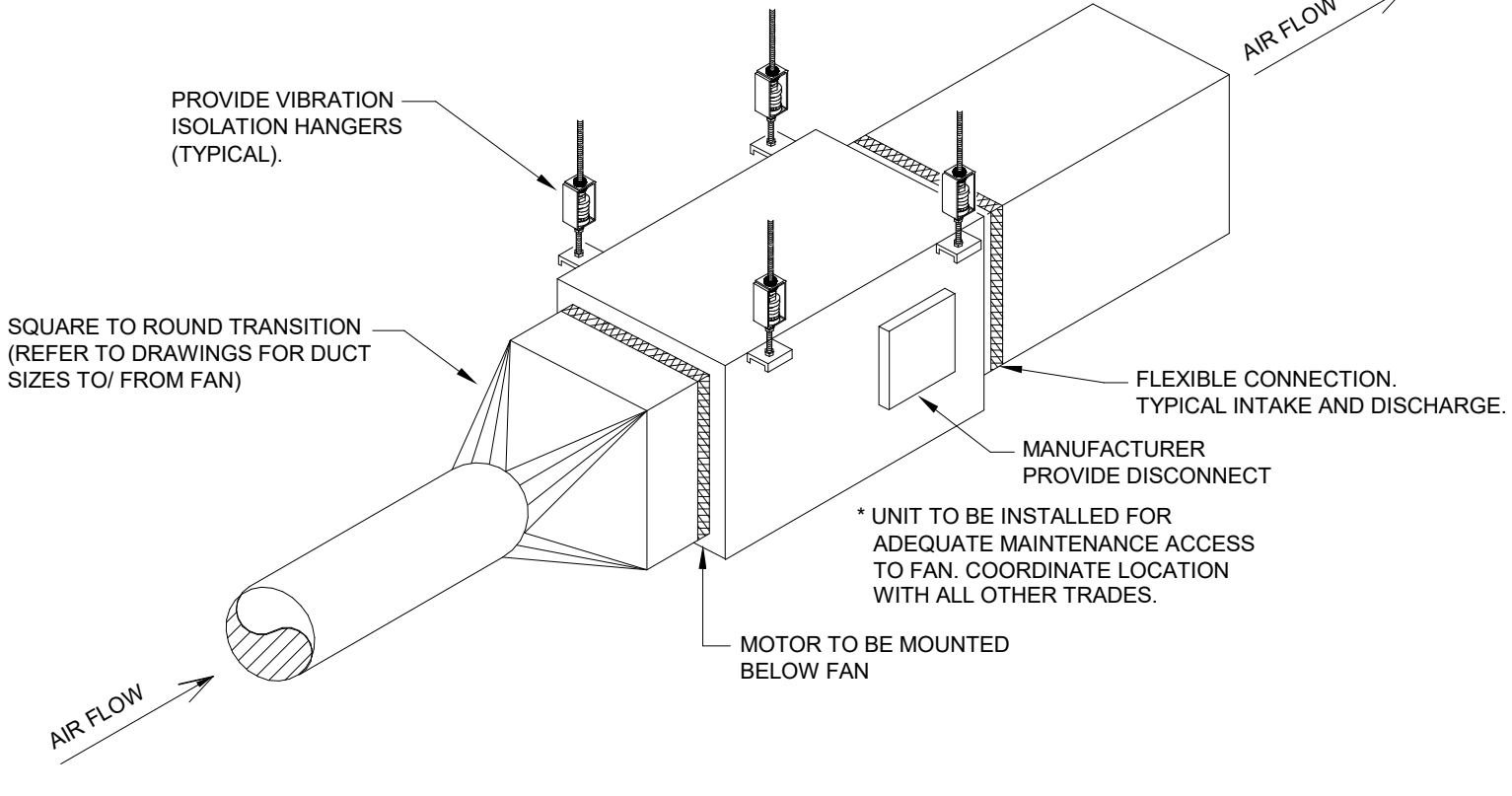
3 CONDENSING UNIT DETAIL



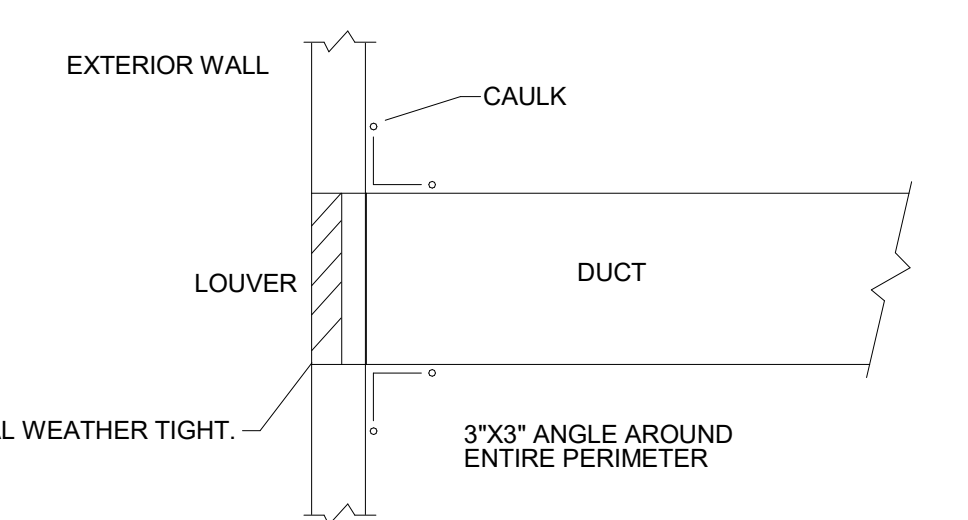
4 PIPE HANGER DETAIL



6 IN-LINE PUMP DETAIL



7 IN-LINE EXHAUST FAN DETAIL

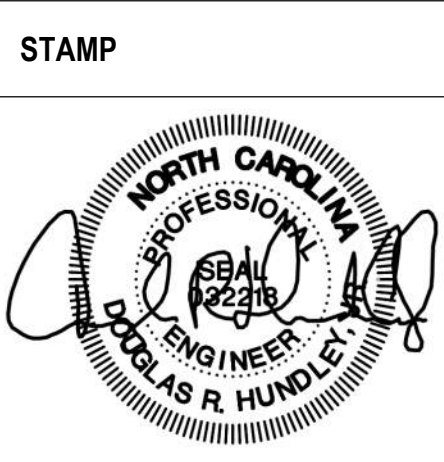


5 LOUVER INSTALLATION DETAIL

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architects + engineers
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elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022



Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL DETAILS
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
2300 RAMSEY ST, FAYETTEVILLE, NC 28301
Issue Date
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Checked
AJM
Drawn
LAM

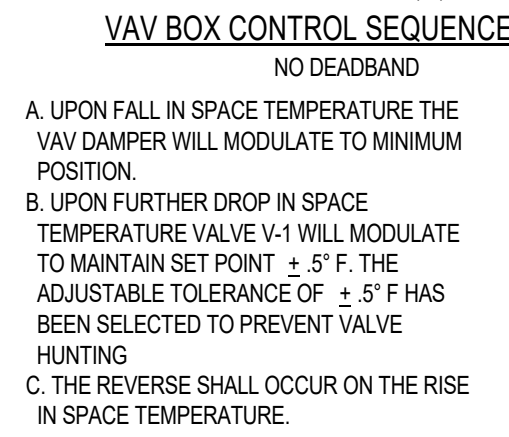
Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
MH301

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01 VARIABLE VOLUME AIR TERMINAL UNIT CONTROL DIAGRAM



- M** ELECTRIC OPERATED CONTROL DAMPER/OR VALVE

05 POINTS LIST FOR HEATING WATER SYSTEM



ARCHITECT/ENGINEER OF RECORD

nagel

architects + engineers

13100 watertown plank road
suite 200
elm grove, wi 53122

Nagel Architects + Engineers
project number: 19022



Approved:

FULLY SPRINKLERED

Location		
2300 RAMSEY ST, FAYETTEVILLE, NC 28301		
Issue Date	Checked	Draw

Project Number	565-19-101
Building Number	BLDG 1
Drawing Number	MH400

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SEQUENCE OF OPERATION FOR VARIABLE AIR VOLUME AIR HANDLING UNIT WITH MINIMUM OUTSIDE AIR

1. GENERAL
- 1.1. UNIT IS NORMALLY STARTED AND STOPPED REMOTELY AT THE ECC. H-O-A SWITCH SHALL BE KEPT IN THE "AUTO" POSITION. "HAND" AND "OFF" POSITIONS SHALL BE USED ONLY FOR MAINTENANCE. WHEN THE UNIT IS "OFF" D-1, D-3, SHALL BE FULLY CLOSED. WHEN THE UNIT IS "ON" D-1 SHALL BE FULLY OPEN. D-2 AND D-3 SHALL MODULATE IN ACCORDANCE WITH THE FOLLOWING SEQUENCE:
2. TEMPERATURE CONTROL
- 2.1.1. WHEN COOLING IS REQUIRED, AND THE OUTDOOR AIR TEMPERATURE IS ABOVE 65 DEGREES F (ADJUSTABLE) SENSED BY TT-2, THE 3-WAY CHILLED WATER CONTROL VALVE, V-1, SHALL MODULATE AS REQUIRED TO MAINTAIN 55 DEGREES F (ADJUSTABLE) SUPPLY AIR TEMPERATURE. THE OUTSIDE AIR DAMPER, D-1 SHALL BE OPEN TO MINIMUM POSITION, RETURN AIR DAMPER, D-2, OPEN, AND THE RELIEF AIR DAMPER, D-3, SHALL BE CLOSED.
- 2.1.2. WHEN COOLING IS REQUIRED, AND THE OUTDOOR AIR TEMPERATURE IS BELOW 65 DEGREES F (ADJUSTABLE) SENSED BY TT-2, THE OUTSIDE AIR DAMPER, RETURN AIR DAMPER, AND RELIEF AIR DAMPER SHALL MODULATE AS REQUIRED TO MAINTAIN 55 DEGREES F (ADJUSTABLE) SUPPLY AIR TEMPERATURE. IF FURTHER COOLING IS REQUIRED, THE 3-WAY CHILLED WATER CONTROL VALVE, V-1, SHALL MODULATE AS REQUIRED. IF THE TEMPERATURE RISES ABOVE 70 F OUTSIDE AIR, THE OUTSIDE AIR DAMPER SHALL BE SET TO MINIMUM AIRFLOW, THE RETURN AIR DAMPER SHALL BE OPEN AND THE RELIEF AIR DAMPER SHALL BE CLOSED.
- 2.1.3. WHEN HEATING IS REQUIRED TO MAINTAIN DISCHARGE AIR TEMPERATURE AT 50 DEGREES F (ADJUSTABLE), THE HOT WATER HEATING COIL SHALL MODULATE THE CONTROL VALVE, V-2, AS REQUIRED. WHEN HEATING IS OCCURRING, THE MINIMUM OUTSIDE AIR DAMPER SHALL BE OPEN, ECONOMIZER OUTSIDE AIR DAMPER CLOSE, RELIEF DAMPER CLOSED, RETURN AIR DAMPER OPEN, AND 3-WAY CHILLED WATER VALVE, V-1, TO BE CLOSED.
3. AIR FLOW CONTROL
- 3.1. THE SUPPLY AIR FLOW SHALL BE CONTROLLED BY THE DIGITAL CONTROL PANEL MODULATING THE SUPPLY FAN VARIABLE SPEED MOTOR CONTROLLER TO MAINTAIN 1.0" (25mm) OF DUCT STATIC PRESSURE (FIELD ADJUSTABLE), SENSED BY SPS-3 AND SPS-4. RESET STATIC PRESSURE BASED ON ACTUAL BUILDING LOAD BY POLLING ALL ATUS.
- 3.2. THE DIGITAL CONTROL PANEL, USING TOTAL SUPPLY AIR AND RETURN AIR FLOW SIGNALS, SHALL RESET THE RETURN AIR FAN VSMC TO MAINTAIN A CONSTANT AIR FLOW DIFFERENCE BETWEEN THE SUPPLY AIR AND THE RETURN AIR EQUAL TO MINIMUM OUTSIDE AIR.
- 3.3. USING HIGH PRESSURE SENSOR SPS-2 LOCATED AT THE SUPPLY FAN DISCHARGE, SHALL PREVENT THE SUPPLY FAN FROM DEVELOPING OVER 3" (75mm) OF STATIC PRESSURE (FIELD ADJUSTABLE). IF STATIC PRESSURE AT SPS-2 DOES EXCEED 3" (75mm) THE SUPPLY AIR FAN SHALL STOP. SPS-2 SHALL BE HARDWIRED TO THE SUPPLY FAN VSMC AND UNIT SHALL BE SHUTDOWN IN HAND/AUTO OR BYPASS MODE. SPS-2 WILL REQUIRE MANUAL RESET AT THE DEVICE.
- 3.4. USING LOW PRESSURE SENSOR SPS-1 LOCATED AT THE RETURN INLET, SHALL PREVENT THE RETURN FAN FROM DEVELOPING UNDER 1.0" OF STATIC PRESSURE (FIELD ADJUSTABLE). IF STATIC PRESSURE AT SPS-1 DROPS BELOW 1.0" THE RETURN AIR FAN SHALL STOP. SPS-1 SHALL BE HARDWIRED TO THE RETURN FAN VSMC AND UNIT SHALL BE SHUTDOWN IN HAND/AUTO OR BYPASS MODE. SPS-1 WILL REQUIRE MANUAL RESET AT THE DEVICE.
4. HUMIDITY CONTROL
- 4.1. HUMIDIFIER: A UNIT MOUNTED HUMIDIFIER IS PROVIDED AS PART OF THE AHU SYSTEM. THE INLET STEAM VALVE SHALL BE MODULATED AS REQUIRED TO MAINTAIN A MINIMUM OF 40% (ADJUSTABLE) RELATIVE HUMIDITY IN THE RETURN AIR STREAM. A HIGH LIMIT HUMIDISTAT SHALL BE MOUNTED DOWNSTREAM OF THE HUMIDIFIER AND BE SET FOR 90% (ADJUSTABLE) RELATIVE HUMIDITY. THE HIGH LIMIT HUMIDISTAT SHALL OPERATE IN CONJUNCTION WITH THE RETURN AIR HUMIDISTAT TO CONTROL THE STEAM CONTROL VALVE. THE HUMIDIFIER SHALL NOT OPERATE UNLESS AIR FLOW IS PROVEN BY THE DIFFERENTIAL AIR PRESSURE SENSORS.
5. FREEZE PROTECTION
- 5.1. FREEZE PROTECTION A LOW LIMIT TEMPERATURE SENSOR SHALL BE LOCATED ON THE UPSTREAM SIDE OF THE HOT WATER COIL. IF A TEMPERATURE OF 40 DEGREES F (ADJUSTABLE) OR LESS IS DETECTED, THEN THE OUTSIDE AIR AND RELIEF AIR DAMPERS SHALL FULLY CLOSE, THE RETURN AIR DAMPER SHALL FULLY OPEN, AND AN AUDIO/VISUAL ALARM SHALL ACTIVATE. UPON CORRECTION OF THE PROBLEM, THE SYSTEM SHALL BE RESET AND SHALL RETURN TO NORMAL OPERATION. THE FREEZE PROTECTION WIRE SHALL BE SERPENTINE ACROSS THE ENTIRE FACE OF THE HOT WATER COIL EVERY SIX INCHES ON CENTER.
6. SMOKE SHUTDOWN
- 6.1. SMOKE SHUTDOWN: A SMOKE DETECTOR SHALL BE LOCATED IN THE SUPPLY AND RETURN AIR STREAM. IF SMOKE IS DETECTED, THE SUPPLY AND RETURN FANS SHALL DE-ACTIVATE AND THE ISOLATION DAMPERS SHALL BE INDEXED CLOSED. AN AUDIO/VISUAL ALARM SHALL ACTIVATE. UPON CORRECTION OF THE PROBLEM, THE SYSTEM SHALL BE RESET AND UNIT SHALL RETURN TO NORMAL OPERATION.
7. EMERGENCY CONSTANT SPEED OPERATION
- 7.1. UPON FAILURE OF THE VSMC, THE SUPPLY AND RETURN FANS SHALL BE STARTED/STOPPED MANUALLY AT THE DIGITAL CONTROL PANEL OR THE ECC THROUGH THE BY-PASS STARTER. FANS SHALL THEN BE OPERATED AT CONSTANT SPEED.
8. OVER PRESSURIZATION CONTROL
- 8.1. OVER PRESSURIZATION CONTROL: A STATIC PRESSURE SENSOR SHALL BE LOCATED IMMEDIATELY AT THE AHU SUPPLY AIR OUTLET AND RETURN AIR INLET, BEFORE ANY FIRE DAMPERS OR SMOKE DAMPERS. IF THE PRESSURE IN THE SUPPLY DUCT EXCEEDS 2.5" W.G. (ADJUSTABLE) OR -2.0" W.G. (ADJUSTABLE) IN THE RETURN AIR DUCT, BOTH FANS SHALL BE DE-ACTIVATED. UPON CORRECTION OF THE PROBLEM, THE SYSTEM SHALL BE RESET AND UNIT SHALL RETURN TO NORMAL OPERATION.

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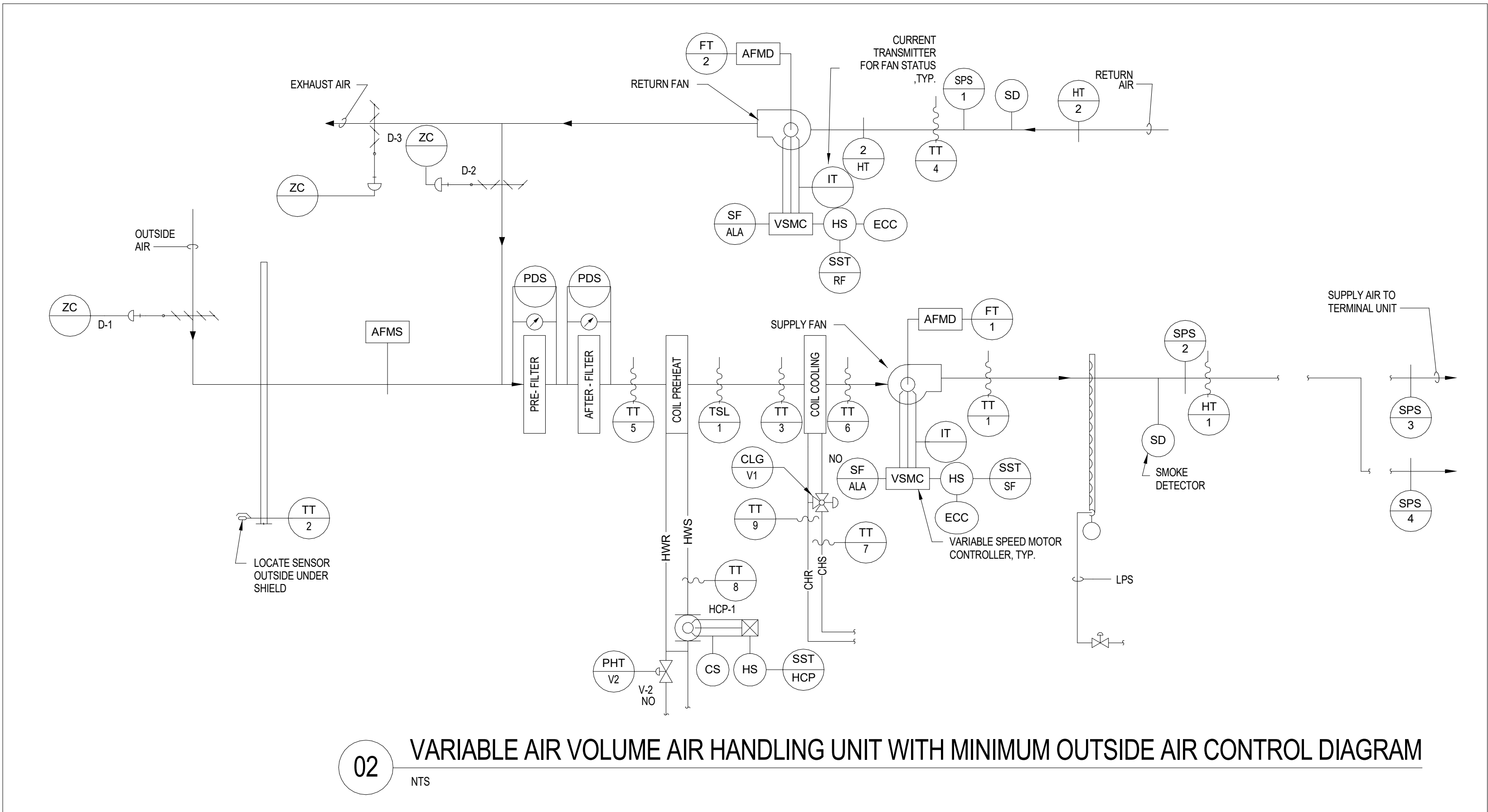
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JOB:	565-19-101	POINT	LEGEND	SYSTEM	OUTPUTS	SYSTEM	INPUTS	SYSTEM	SOFTWARE/CONTROL	PAGE:
BUILDING:	1	POINT	LEGEND	BINARY	ANA-	LOG	BINARY	ANALOG	ALARM	APPLICATION/FUNCTION
SYSTEM:	VAV AIR HANDLER	POINT	LEGEND	BINARY	ANA-	LOG	BINARY	ANALOG	ALARM	APPLICATION/FUNCTION
SYSTEM COMPONENT:		POINT	LEGEND	BINARY	ANA-	LOG	BINARY	ANALOG	ALARM	APPLICATION/FUNCTION
RETURN AIR TEMPERATURE	AI-1	TT-4								
RETURN AIR HUMIDITY	AI-2	HT-2								
RETURN AIR FLOW (CFM)	AI-3	FT-2								
MIXED AIR TEMPERATURE	AI-4	TT-5								
PRE-HEAT TEMPERATURE	AI-5	TT-3								
COOLING COIL TEMPERATURE	AI-6	TT-6								
DISCHARGE AIR TEMPERATURE	AI-7	TT-1								
DISCHARGE STATIC PRESSURE	AI-8	SPS-2								
SUPPLY AIR FLOW (CFM)	AI-9	FT-1								
OUTSIDE AIR TEMPERATURE	AI-10	TT-2								
CHILLED WATER SUPPLY TEMP.	AI-11	TT-7								
HTG HOT WTR SUPPLY TEMP.	AI-12	TT-8								
CHILLED WATER RETURN TEMP.	AI-13	TT-9								
RETURN LOW PRESSURE	BI-1	SPS-1								
RETURN FAN STATUS	BI-2	STS-RF								
SUPPLY FAN STATUS	BI-3	STS-SF								
MIXED AIR LOW LIMIT	BI-4	TSL-1								
STATIC PRESSURE HIGH LIMIT	BI-5	SPS-2								
SUPPLY FAN VSMC ALARM	BI-6	SF-ALA								
SUPPLY FAN VSMC ALARM	BI-7	SF-ALA								
RETURN FAN VSMC ALARM	BI-8	RF-ALA								
DUCT STATIC PRESS. SENSOR	BI-9	SPS-3								
DUCT STATIC PRESS. SENSOR	BI-10	SPS-4								
PREHEAT COIL PUMP STATUS	BI-11	STS-HCP								
PREHEAT COIL PUMP ALARM	BI-12	HCP-ALA								
HIGH HUMIDITY LIMIT	BI-13	HT-1								
RETURN FAN VSMC	AO-1	RF-SPD								
SUPPLY FAN VSMC	AO-2	SF-SPD								
OUTSIDE AIR DAMPER	AO-3	D-1								
RETURN AIR DAMPER	AO-4	D-2								
EXHAUST AIR DAMPER	AO-5	D-3								
PRE-HEAT VALVE V-2	AO-6	PHT-V2								
COOLING VALVE V-1	AO-7	CLG-V1								
RETURN FAN START/STOP	BO-1	RF-SST								
SUPPLY FAN START/STOP	BO-2	SF-SST								
PREHEAT COIL PUMP START/STOP	BO-3	HCP-SST								

POINTS LIST FOR VAV AIR HANDLING UNIT WITH MINIMUM OUTSIDE AIR

01

NTS



02

VARIABLE AIR VOLUME AIR HANDLING UNIT WITH MINIMUM OUTSIDE AIR CONTROL DIAGRAM

NTS

BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT

Consultant:
CMTA CONSULTING ENGINEERS, INC
10411 MEETING STREET
PROSPECT, KY 40059

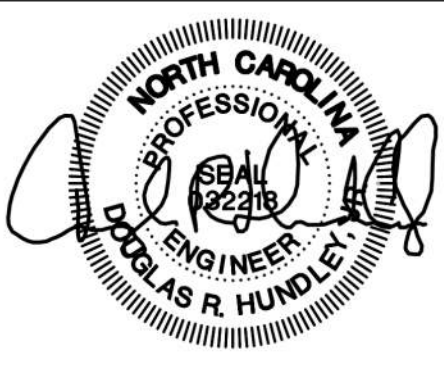
POC

ARCHITECT/ENGINEER OF RECORD

nagel
architects + engineers

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suite 200
elm grove, wi 53122
Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

MECHANICAL CONTROLS

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

AJM

Drawn

LAM

Project Number

565-19-101

Building Number

BLDG 1

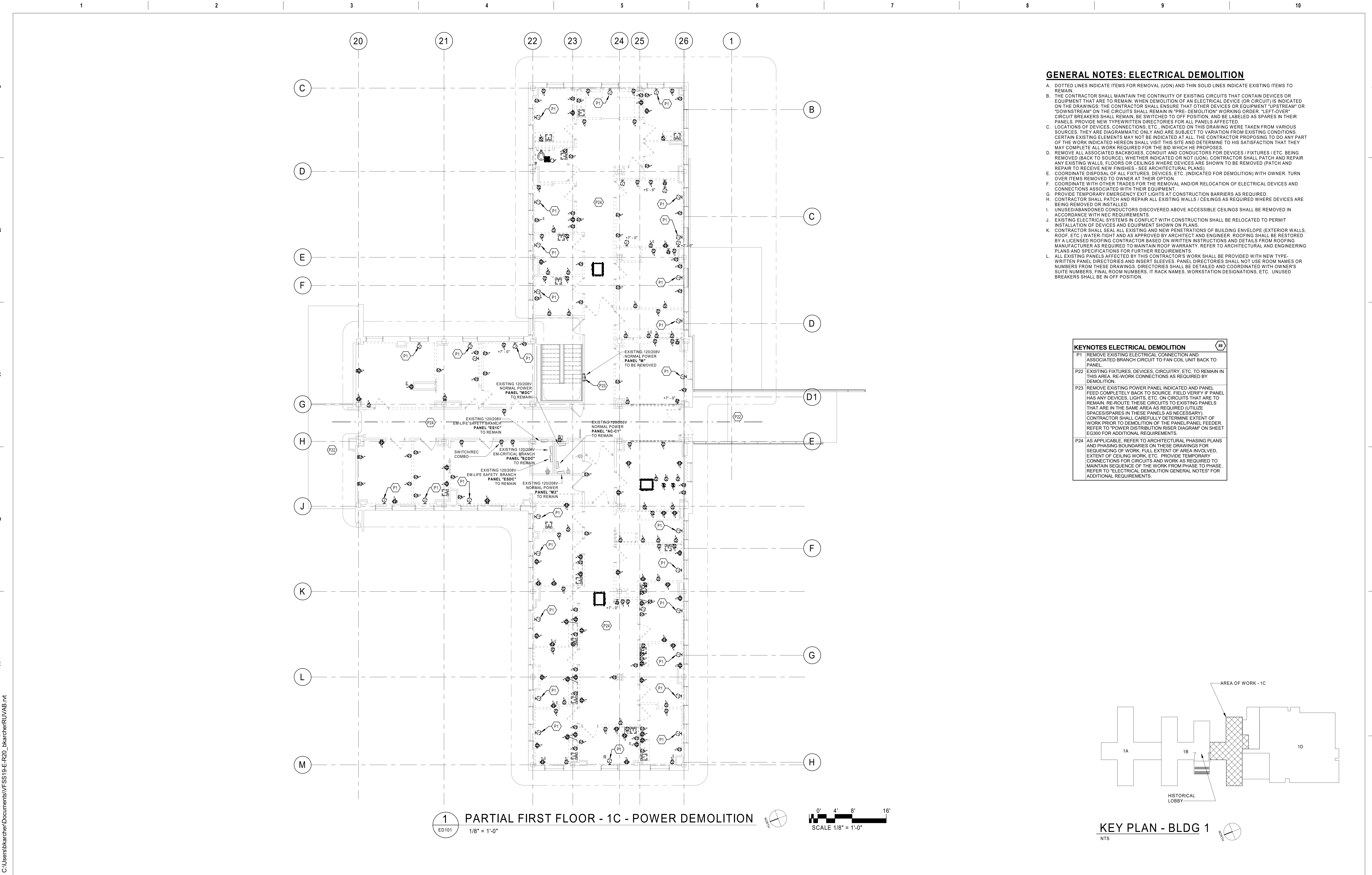
Drawing Number

MH401



NTS

Project Number	565-19-101
Building Number	BLDG 1
Drawing Number	ED100



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nagel

architects + engineers

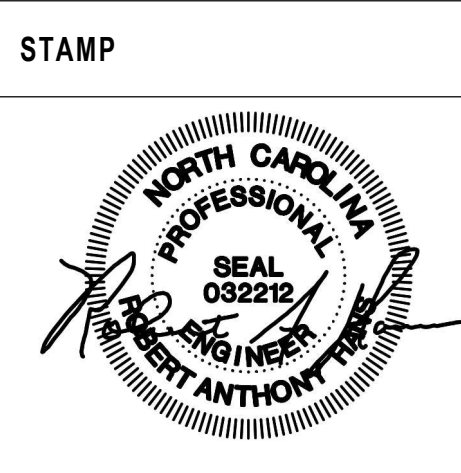
13100 watertown plank road

suite 200

elm grove, wi 53122

Nagel Architects + Engineers

project number: 19022



Office of
Construction
and Facilities
Management

VA U.S. Department
of Veterans
Affairs

Drawing Title

PARTIAL FIRST FLOOR PLAN - 1C -
POWER DEMOLITION

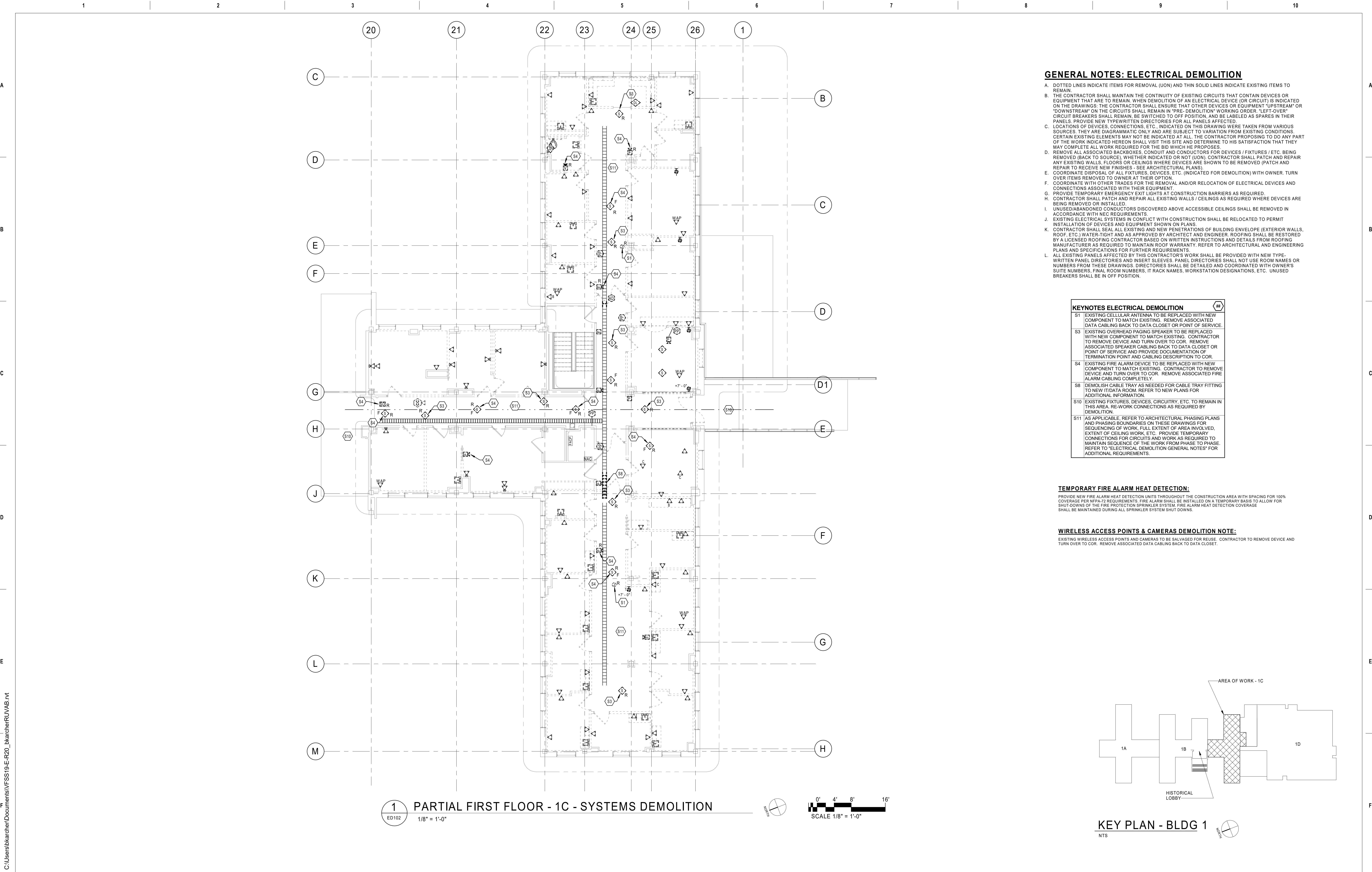
Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title	RENOVATE 1C SURGICAL SUITE	Project Number	565-19-101
Location	2300 RAMSEY ST, FAYETTEVILLE, NC 28301	Building Number	BLDG 1
Issue Date	10 JUN 2022	Drawn	BBK
Checked	PDY	Drawn	BBK
Drawn	BBK	Project Number	565-19-101
Drawn	BBK	Building Number	BLDG 1
Drawn	BBK	Drawing Number	ED101



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CONSULTANT

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project number: 19022

STAMP

Office of
Construction
and Facilities
Management

Drawing Title

PARTIAL FIRST FLOOR PLAN - 1C -
SYSTEMS DEMOLITION

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

PDY

Drawn

BBK

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

ED102

VA FORM 08 - 6231

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DESCRIPTION

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ABV CLG	DS	SYSTEM RESPONSIBILITY MATRIX
AT LATCH	ES	
16"	PP	
16"		
CLG	CR	SYSTEM
	MT	
OVERHEAD PAGING		SYSTEM RESPONSIBILITY MATRIX
FIRE ALARM		
SECURITY ACCESS		
TELEVISION		
DATA PROCESSING		SYSTEM RESPONSIBILITY MATRIX
TELEPHONE		
SYSTEM RESPONSIBILITY MATRIX		SYSTEM RESPONSIBILITY MATRIX
A. REFER TO VENDOR FOR		
B. REFER TO ARCHITECT		
C. PROVIDE BACKUP		
D. AT ALL SYSTEMS		
E. CONTRACTOR		
F. CABINET/FIT		
G. WIRE PULLING		
H. INSTALLATION		
I. SYSTEMS PROGRAM		

E. REFER TO SPEC INCLUDING CALL LABELING, ETC ETC

F. WHERE INDICATED COMPLETE, INC. IN CONTRACTOR ALL SYSTEMS COMPATIBLE WITH COORDINATE ETC COMPONENTS POSSIBLE. ALL COORDINATED BE INCLUDED IN EACH SYSTEM.

--	--

SYSTEM RESPONSIBILITY GENERAL NOTES:

A. REFER TO VENDOR DRAWINGS FOR COMPLETE SCOPE OF WORK RELATING TO VENDOR-FURNISHED EQUIPMENT. ALL WORK INDICATED ON VENDOR DRAWINGS SHALL BE THE RESPONSIBILITY OF THE VENDOR.

B. REFER TO ARCHITECTURAL, DOWR HARDWARE SPECIFICATIONS FOR ACCESS CONTROL, DEVICE SPECIFICATIONS AND FURTHER REQUIREMENTS.

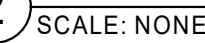
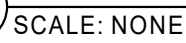
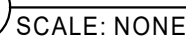
C. THE VENDOR SHALL PROVIDE ALL NECESSARY HARDWARE, SOFTWARE, SYSTEMS, CONTRACTOR SHALL VERIFY BACKBOX SIZES, CONDUIT, ETC. AND EXACT LOCATION OF ALL DEVICES. THE VENDOR SHALL BE RESPONSIBLE FOR ALL SYSTEMS PRIOR TO CONSTRUCTION.

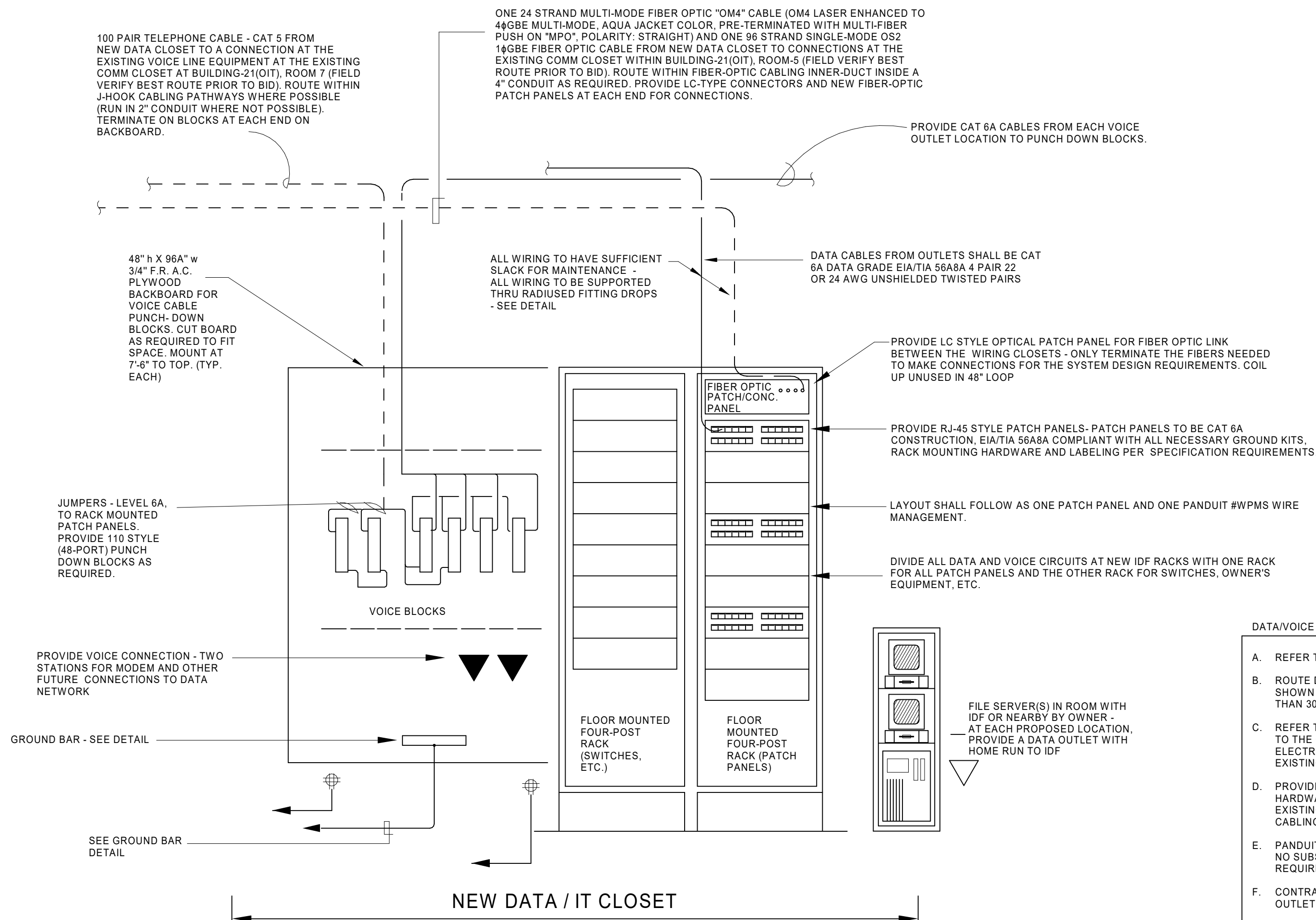
D. AT ALL SYSTEMS EQUIPMENT CABINETS, TERMINAL BOARD LOCATIONS, AND CONDUIT RUNS, PROVIDE THE NUMBER OF CONDUIT SUB-OUTS TO CABLE PATHS AS REQUIRED BY SYSTEM VENDORS. TERMINATE CONDUITS TO THE SYSTEMS VENDORS. PROVIDE THE NUMBER OF CONDUIT SUB-OUTS WITH APPROPRIATE VENDOR'S PRIOR TO CONSTRUCTION.

E. THE VENDOR SHALL BE RESPONSIBLE FOR PROVIDING ALL SYSTEMS INCLUDING CABLEING, CABLE MANAGEMENT, INSTALLATION, GROUNDING, TESTING, LABELING, ETC.

F. WHERE INDICATED AS OFC, THE CONTRACTOR SHALL PROVIDE THE SYSTEM COMPLETE, INCLUDING ALL ROUGH-IN, CABLEING, DEVICES, POWER ETC. THE CONTRACTOR SHALL PROVIDE THE VENDOR FOR PRICING PRIOR TO ALL SYSTEMS SHALL MATCH EXISTING FACILITY STANDARDS AND BE FULLY COMPATIBLE WITH ANY EXISTING SYSTEMS. ALL SYSTEM VENDORS SHALL PROVIDE THE SYSTEMS VENDORS WITH THE SYSTEMS VENDORS. ALL SYSTEMS SHALL BE INTERCONNECTED WITH EXISTING SYSTEMS WHERE APPROPRIATE. THE VENDOR SHALL BE RESPONSIBLE FOR PROVIDING ALL SYSTEMS COORDINATED WITH THE OWNER PRIOR TO ORDERING. ALL PROGRAMMING SHALL BE COMPLETED AS REQUIRED BY THE OWNER, PROVIDING 4 WEEKS OF TRAINING FOR EACH.

EG100

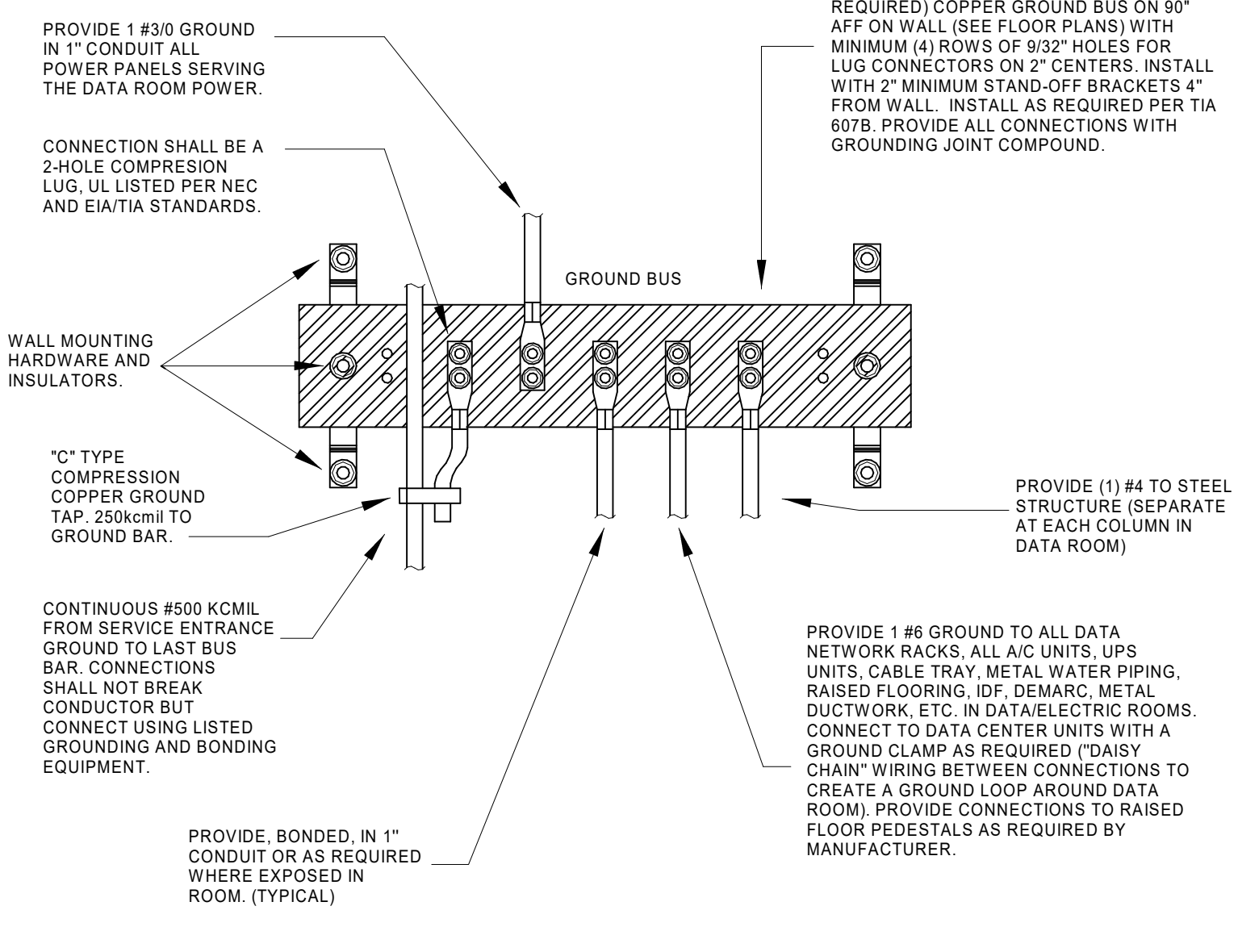




DATA/VOICE SYSTEM SCHEMATIC LAYOUT OF WIRING CLOSETS - ELEVATION VIEWS
NO SCALE

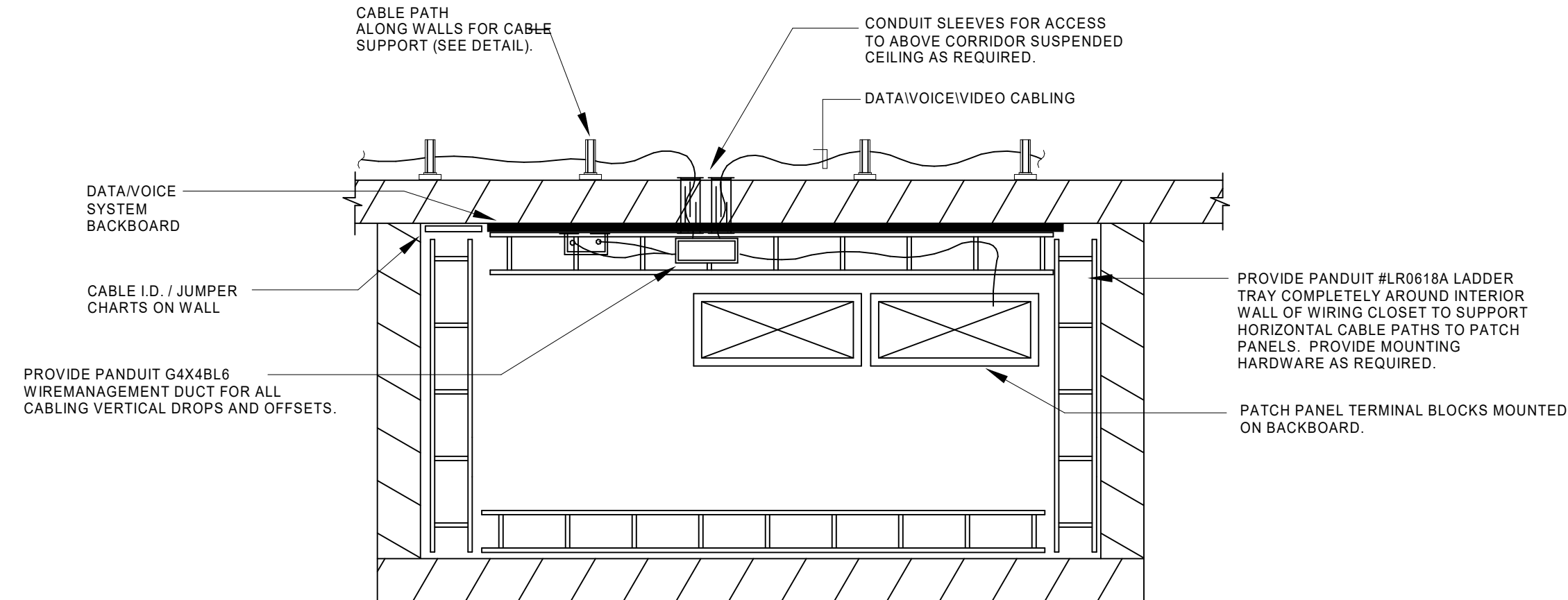
LOW VOLTAGE SYSTEMS CABLE JACKET COLOR NOTES:

COORDINATE TO PROVIDE CABLE JACKET COLORS TO MATCH THE EXISTING HOSPITAL COLOR CODING SYSTEM.



DATA ROOM GROUND BUS BAR DETAIL
NO SCALE

*ALL CONDUCTORS MUST BE STRANDED, INSULATED GREEN, COPPER CONDUCTORS AND SECURED AT NO MORE THAN 3'-0" INTERVALS.
*ALL GROUNDING CONDUCTORS AND BUS BARS MUST BE LABELED PER ANSI/TIA 606 ADDENDUMS.



DATA/VOICE SYSTEM SCHEMATIC LAYOUT OF WIRING CLOSETS - PLAN VIEW
NO SCALE

DATA/VOICE SYSTEM NOTES:

- REFER TO SPECIFICATIONS FOR DATA-VOICE S.S. FACEPLATE AND DEVICE REQUIREMENTS.
- ROUTE DATA/VOICE CABLES FROM OUTLETS SHOWN ON FLOOR PLANS TO THE NEW DATA/VOICE WIRING CLOSET 301A AS SHOWN ON THE ELECTRICAL SYSTEMS FLOOR PLANS. CONTRACTOR SHALL INSURE ALL RUNS SHALL BE NO GREATER THAN 300'.
- REFER TO THE SPECIFICATIONS FOR DATA-VOICE CABLE REQUIREMENTS. ROUTE CABLEING WITHIN THE CONDUIT STUB-OUT TO THE CORRIDOR CABLEING PATH AND BACK TO THE EXISTING COMM CLOSET IN MAIN BUILDING AS SHOWN ON THE ELECTRICAL SYSTEMS FLOOR PLANS. PROVIDE ADDITIONAL CABLEING PATHS AS REQUIRED FOR ROUTE BACK TO THE EXISTING COMM CLOSET WITHIN MAIN BUILDING.
- PROVIDE ADDITIONAL PATCH PANELS TERMINAL BLOCKS WITH ALL NECESSARY GROUND KITS, RACK MOUNTING HARDWARE AND LABELING PER SPECIFICATION REQUIREMENTS AS REQUIRED TO ACCOMMODATE NEW CABLEING BACK AT EXISTING DATA CLOSET. PROVIDE NEW VERTICAL DISTRIBUTION AND TRAY ASSEMBLIES AS NECESSARY FOR NEW CABLEING AT NEW/ EXISTING DATA CLOSET PER SPECIFICATION REQUIREMENTS.
- PANDUIT OR AMP COMPANY PRODUCTS SHALL BE USED FOR PUNCH-DOWN BLOCKS, PATCH PANELS, CONNECTORS, ETC. NO SUBSTITUTIONS, EXCEPT IF NOT AVAILABLE AT TIME OF CONSTRUCTION. PROVIDE NUMBER OF PUNCH BLOCKS AS REQUIRED FOR PROJECT. REFER TO SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE (2) FULL SIZE SETS OF "TECHNOLOGY" DRAWINGS CONTAINING ALL LABELLED DATA/VOICE OUTLET LOCATIONS WITH "SOFT" COPY IN 1/8" SCALE AUTOCAD DRAWINGS TO BE GIVEN TO OWNER.
- CONTRACTOR SHALL TAKE DOWN ANY AND ALL EXISTING DATA "WIRELESS ACCESS POINTS" (WAPs) FROM SUSPENDED CEILING BEING REMOVED AND TURN DEVICES OVER TO OWNER (REMOVE ALL EXISTING CABLEING). PLACE NEW OWNER FURNISHED, CONTRACTOR INSTALLED UNITS AT NEW LOCATIONS. NEW WIRING SHALL BE PROVIDED FROM IT/DATA CLOSET TO NEW DEVICES AND CONNECTED AS REQUIRED. THE OWNER WILL RE-CERTIFY SYSTEM FOR THE AFFECTED AREA ONCE INSTALLATION IS COMPLETED. CONNECT ADDITIONAL "WAP" DEVICES IF REQUIRED FOR RE-CERTIFICATION. TYPICAL AT ALL "WAP" DEVICES INDICATED ON THIS PLAN (TYPICAL).
- ALL CAT-6A CABLEING TERMINATIONS SHALL BE EIA/TIA 568B.
- NEW DATA RACKS SHALL BE 4-POST.

SECURITY ACCESS CONTROL (PACS) SYSTEM NOTES:

COORDINATE INSTALLATION OF SYSTEM WITH OWNER'S SECURITY ACCESS CONTROL VENDOR. THE CURRENT SYSTEM IS "SOFTWARE HOUSE C-CURE 800". ALL NEW DEVICES ON THIS PROJECT SHALL MATCH THE EXISTING SYSTEM. PROVIDE AND INSTALL ALL NEW SYSTEM DEVICES (INCLUDE THIS "PROM" IN THE ELECTRICAL BID). PROVIDE ALL CABLEING AND INSTALL ALL ROUGH-IN'S, POWER CONNECTIONS, ETC.

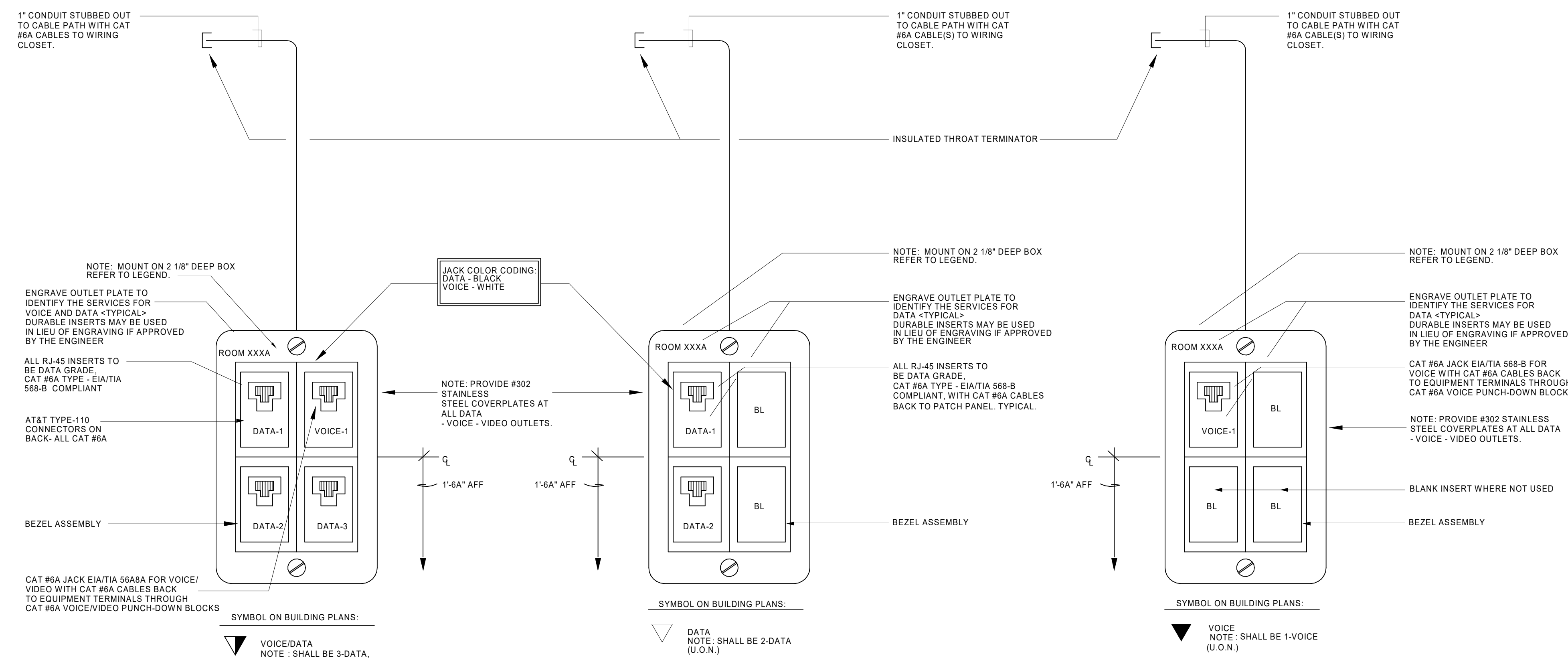
PROVIDE ALL EQUIPMENT, DEVICES, COMPONENTS, ALL WIRING, CONFIGURATION AND PROGRAMMING TO EXPAND THE EXISTING SYSTEM TO ACCOMMODATE NEW DEVICES. NEW DEVICES SHALL BE SELECTED TO MATCH THE EXISTING IN CONSTRUCTION AND PERFORMANCE AND IN CONSISTENCY WITH THE EXISTING SYSTEM. PREPARE DRAWINGS INDICATING ALL DEVICES AND COMPONENTS TO BE ADDED INDICATING TYPE, MOUNTING HARDWARE, ZONES, ETC. ADD ADDITIONAL EQUIPMENT AS REQUIRED TO ACCOMMODATE THE NEW COMPONENTS AND DEVICES IN A MANNER CONSISTENT WITH THE CURRENT DESIGN OF THE EXISTING SYSTEM. PROVIDE UNIQUE BACKBOX TYPES AS REQUIRED FOR SYSTEM DEVICES. CURRENTLY THE CONNECTION POINT IS WITHIN POLICE DISPATCH IN BASEMENT (VERIFY EXACT CLOSET LOCATION PRIOR TO BID). MODIFY THE EXISTING CONSOLES AS REQUIRED TO ACCOMMODATE THE NEW DEVICES. PROVIDE ALL PROGRAMMING, BALANCING AND COMMISSIONING AS REQUIRED UP TO AND INCLUDING A COMPLETE RE-PROGRAM AND BALANCING OF THE EXISTING SYSTEM SO THAT THE ADDITION OF THE NEW DEVICES AND EQUIPMENT ARE INCORPORATED SEAMLESSLY INTO THE EXISTING FACILITY SYSTEMS. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR EXAMINING SITE CONDITIONS TO DETERMINE THE EXTENT OF THE EXPANSION REQUIRED TO MEET THE ABOVE PERFORMANCE REQUIREMENTS.

PROVIDE ADDITIONAL NEW SYSTEM DEVICES FOR COVERAGE OF AREA, AND ANY OTHER DEVICES REQUIRED FOR OPERATION INCLUDING A MINIMUM OF 50 ID TAGS (ABLE TO SEAMLESSLY INTEGRATE WITH EXISTING COMPONENTS) AS REQUIRED FOR SYSTEM OPERATION.

CONTRACTOR TO VERIFY BACKBOX SIZES AND EXACT ROUGH-IN REQUIREMENTS FOR SYSTEM WITH MANUFACTURER PRIOR TO BID.

LOCAL PAGING SYSTEM NOTES:

PROVIDE ALL EQUIPMENT, SPEAKERS, COMPONENTS, ALL WIRING, CONFIGURATION AND PROGRAMMING TO EXPAND THE EXISTING PAGING SYSTEM TO ACCOMMODATE NEW AND RELOCATED SPEAKERS. UTILIZE AND RELOCATE EXISTING SPEAKERS WHERE POSSIBLE. NEW SPEAKERS SHALL BE SELECTED TO MATCH THE EXISTING IN CONSTRUCTION AND PERFORMANCE (1XZ DROP IN SPEAKERS WITH EXTERNAL TAP ADJUSTMENTS) AND IN CONSISTENCY WITH THE EXISTING SPEAKERS AND AREAS. PREPARE DRAWINGS INDICATING ALL SPEAKERS TO BE ADDED OR RELOCATED, INDICATING TYPE, MOUNTING HARDWARE, CIRCUITING ZONE AND SUB-ZONE. ADD ADDITIONAL MATRIX SWITCHERS, AMPLIFIERS, CIRCUIT MONITORS AND OTHER EQUIPMENT AS REQUIRED TO ACCOMMODATE THE ADDITIONAL SPEAKERS AND ZONES IN A MANNER CONSISTENT WITH THE CURRENT DESIGN OF THE PAGING SYSTEM. MODIFY THE EXISTING CONSOLES AS REQUIRED TO ACCOMMODATE THE NEW SPEAKER ZONES. PROVIDE ALL PROGRAMMING, BALANCING AND COMMISSIONING AS REQUIRED UP TO AND INCLUDING A COMPLETE RE-PROGRAM AND BALANCING OF THE EXISTING PAGING SYSTEM SO THAT THE ADDITION OF THE NEW SPEAKERS AND EQUIPMENT ARE INCORPORATED SEAMLESSLY INTO THE EXISTING FACILITY (70VOLT ANALOG SYSTEM BEING FED FROM B15). PAGING SYSTEM. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR EXAMINING SITE CONDITIONS TO DETERMINE THE EXTENT OF THE EXPANSION REQUIRED TO MEET THE ABOVE PERFORMANCE REQUIREMENTS.



VOICE/DATA WALLPLATE
NO SCALE

DATA WALLPLATE
NO SCALE

VOICE WALLPLATE
NO SCALE

DETAIL OF TYPICAL WALLPLATE TYPES FOR VOICE/DATA SYSTEMS
NO SCALE

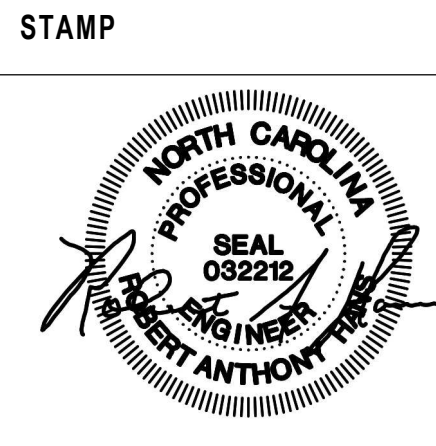
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Nagel Architects + Engineers
project number: 19022



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Drawing Title
ELECTRICAL DETAILS
Approved:

Phase
BID DOCUMENTS
FULLY SPRINKLERED

Project Title
RENOVATE 1C SURGICAL SUITE
Location
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BBK

Project Number
565-19-101
Building Number
BLDG 1
Drawing Number
EG301



Project Title RENOVATE 1C SURGICAL SUITE			Project Number 565-19-101	
Location 2300 RAMSEY ST, FAYETTEVILLE, NC 28301			Building Number BLDG 1	
			Drawing Number EL100	
Issue Date 10 JUN 2022	Checked POY	Drawn BBK		

GENERAL NOTES (LIGHTNING PROTECTION SYSTEM):

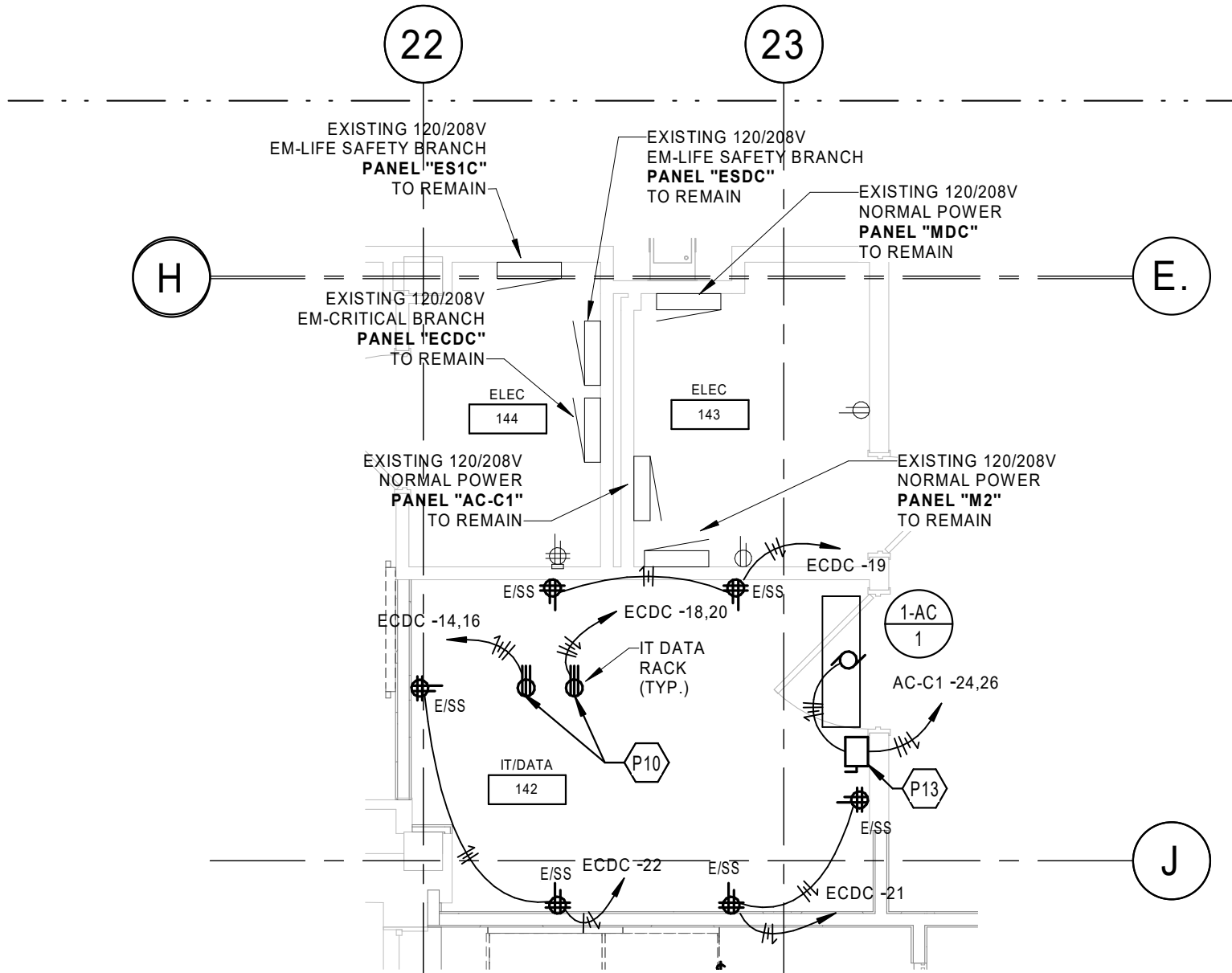
- A. LIGHTNING PROTECTION LAYOUT SHOWN IS INTENDED TO CONVEY SCOPE OF PROJECT. CONTRACTOR SHALL PROVIDE FINAL DESIGN AND INSTALLATION FOR A COMPLETE LIGHTNING PROTECTION SYSTEM FOR THIS FACILITY. SYSTEM SHALL COMPLY WITH UL #96A "MASTER LABELED LIGHTNING PROTECTION SYSTEMS" AND NFPA 780. REFER TO THE CURRENT ELECTRICAL SPECIFICATION SECTION 284113 "LIGHTNING PROTECTION FOR STRUCTURES" FOR ADDITIONAL REQUIREMENTS.
- B. CONTRACTOR SHALL PROVIDE BONDING PROTECTION TO ALL CAMERAS.
- C. PENETRATIONS THROUGH SHEET METAL INCLUDING BUT NOT LIMITED TO COPINGS, AND COUNTER FLASHINGS SHALL NOT BE ALLOWED. CONNECTIONS TO PARAPETS SHALL BE BY CLAMPS MADE TO FASTEN TO THE DRIP EDGE OF COPINGS WITHOUT PENETRATION TO AND OF THE COPINGS. REFER TO ARCHITECTURAL ROOF PLAN FOR DETAILS OF PENETRATIONS THROUGH HORIZONTAL ROOF AREAS. PENETRATIONS THROUGH HORIZONTAL ROOF AREAS SHALL BE NO CLOSER THAN 16" TO ANY VERTICAL BUILDING SURFACE.
- D. ALL ROOF PENETRATIONS AND ASSOCIATED LABOR COSTS SHALL BE AT THE EXPENSE OF THIS CONTRACTOR, BUT SHALL BE INSTALLED BY THE ROOFING CONTRACTOR IN ORDER TO MAINTAIN ANY APPLICABLE ROOF WARRANTIES. ANY DEVIATIONS NECESSARY BY THIS CONTRACTOR SHALL FIRST BE SUBMITTED TO THE ARCHITECT'S OFFICE FOR REVIEW. ANY COSTS ASSOCIATED WITH CHANGES TO THIS SYSTEM THAT ARE A RESULT OF PROPOSED DETAILS NOT BEING ACCEPTABLE TO THE OWNER, ARCHITECT OR ENGINEER SHALL BE AT THE EXPENSE OF THIS CONTRACTOR. ALL REQUIRED CONNECTION DEVICES SHALL BE REVIEWED BY THE ARCHITECT AND ENGINEER. PENETRATION DEVICES THROUGH STANDING SEAM METAL ROOF AREAS SHALL BE PROVIDED BY THE SHEET METAL ROOFING CONTRACTOR.
- E. ALL CABLING/WIRING SHALL BE CONCEALED WITHIN THE BUILDING. ROUTE ALL CONCEALED CABLING IN SCHEDULE 80 PVC CONDUIT.
- F. PROVIDE LIGHTNING PROTECTION SYSTEM EXTENSION FOR ADDED ROOFTOP HVAC EQUIPMENT AT THIS FACILITY. SYSTEM SHALL COMPLY WITH UL 96A "MASTER LABELED LIGHTNING PROTECTION SYSTEMS", NFPA 780 AND THE PROJECT SPECIFICATIONS.
- G. WHERE ELEMENTS OF THE SYSTEM ARE IN DIRECT CONTACT WITH THE ALUMINUM BUILDING MATERIALS, UTILIZE ALUMINUM EQUIPMENT. WHERE IN CONTACT WITH ANY OTHER BUILDING MATERIALS, UTILIZE COPPER EQUIPMENT.
- H. AIR TERMINALS SHALL BE INSTALLED WITH-IN 2'-0" OF OUTSIDE BUILDING EDGE, OUTSIDE CORNERS AND RIDGE ENDS - SPACING BETWEEN AIR TERMINALS NOT TO EXCEED 20 FT.
- I. NO BEND OF A CONDUIT SHALL FORM AN ANGLE MORE THAN 90 DEGREES NOR SHALL HAVE A RADIUS OF BEND THAN 8".
- J. CONDUCTORS WITHIN BUILDING SHALL BE IN 1" CONDUIT.
- K. THE STEEL COLUMNS OF THE BUILDING SHALL BE USED AS THE DOWN CONDUCTORS.
- L. BOND ALL ROOF DRAINS, AHU HOUSING, ANTENNAS AND OTHER ROOF MOUNTED METALLIC OBJECTS TO THE SYSTEM IN AN APPROVED MANNER.
- M. ALL UNDERGROUND METALLIC OBJECTS LOCATED WITHIN 6 FEET OF THE SYSTEM SHALL BE BONDED TO THE SYSTEM IN AN APPROVED MANNER.
- N. PROPER FLASHING AND PITCH POCKETS SHALL BE PROVIDED FOR ALL ROOF PENETRATIONS.
- O. ALL ROOF PENETRATIONS AND ALL ITEMS FASTENED TO ARCHITECTURAL ELEMENTS OF THE BUILDING SHALL MEET WITH THE ARCHITECT'S APPROVAL.
- P. BOND ENTIRE SYSTEM TOGETHER TO THE COLD WATER MAINS ENTERING THE BUILDING IN AN APPROVED MANNER.
- Q. INTERCONNECT LIGHTNING PROTECTION GROUND TO ELECTRIC, TELEPHONE AND OTHER BUILDING GROUND SYSTEMS AS SHOWN OR AS REQUIRED BY CODE.
- R. THE SYSTEM SHALL BE THE PRODUCT OF ONE MANUFACTURER REGULARLY ENGAGED IN THE PRODUCTION OF LIGHTNING PROTECTION SYSTEMS AND SHALL BE REGISTERED AND APPROVED BY THE LIGHTNING PROTECTION INSTITUTE.

GENERAL NOTES (POWER):

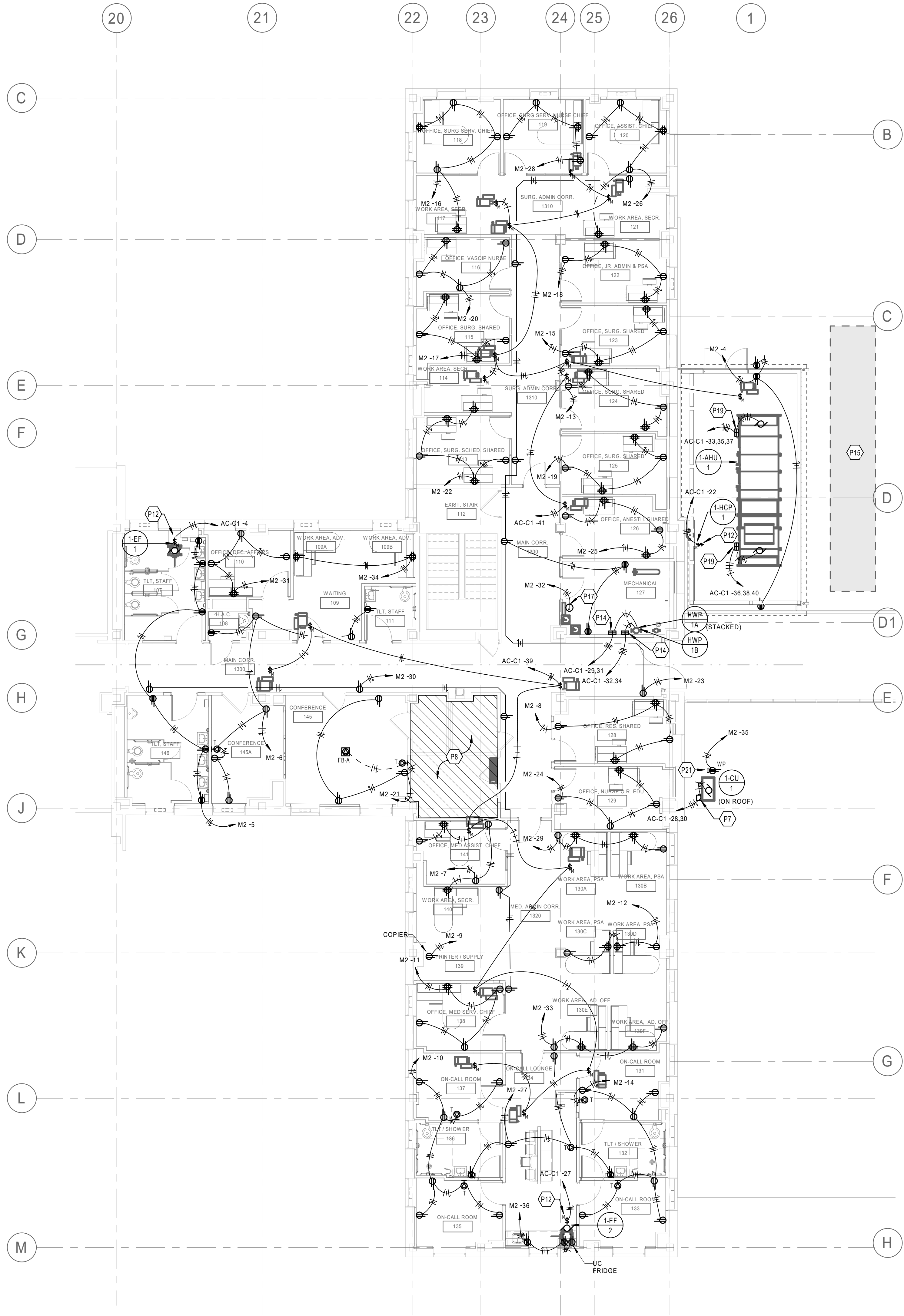
- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTI-WIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION, PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).
- E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

KEYNOTES ELECTRICAL

- P7 PROVIDE 30A/208V/2P NEMA-3R HEAVY-DUTY FUSIBLE DISCONNECT SWITCH FUSED AT EQUIPMENT NAMEPLATE RATING. PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING ON ROOF. COORDINATE EXACT LOCATION WITH MECHANICAL WORK PRIOR TO CONSTRUCTION.
- P8 REFER TO ENLARGED TELELECTRIC ROOM POWER PLAN ON THIS SHEET FOR WORK IN THIS AREA.
- P10 PROVIDE NEMA #14-30R RECEPTACLE FOR DATA RACK 6-KVA UPS UNIT.
- P12 PROVIDE 250V, 30A/1P MOTOR RATED TOGGLE SWITCH, WITH LOCKABLE NEMA-1 ENCLOSURE. COORDINATE EXACT LOCATION WITH MECHANICAL WORK PRIOR TO CONSTRUCTION.
- P13 PROVIDE 30A/208V/2P NEMA-1 HEAVY-DUTY FUSIBLE DISCONNECT SWITCH FUSED AT EQUIPMENT NAMEPLATE RATING. COORDINATE EXACT LOCATION WITH MECHANICAL WORK PRIOR TO CONSTRUCTION.
- P14 ROUTE 208/1P ELECTRICAL CONNECTION TO HWP THROUGH REMOTE VFD. COORDINATE EXACT LOCATION WITH MECHANICAL WORK PRIOR TO CONSTRUCTION.
- P15 PROPOSED SPS ROOFTOP AHU ENCLOSURE (NIC).
- P17 TEMPERATURE CONTROL PANEL FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE DATA CONNECTION AND 120V POWER (REFER TO SYSTEMS PLANS) AS INDICATED.
- P19 VARIABLE FREQUENCY DRIVE (VFD) WITH INTEGRAL DISCONNECT SWITCH - REFER TO MECHANICAL EQUIPMENT SCHEDULES FOR FURTHER REQUIREMENTS. (TYPICAL)
- P21 PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING SERVICE RECEPTACLES ON ROOF. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN.

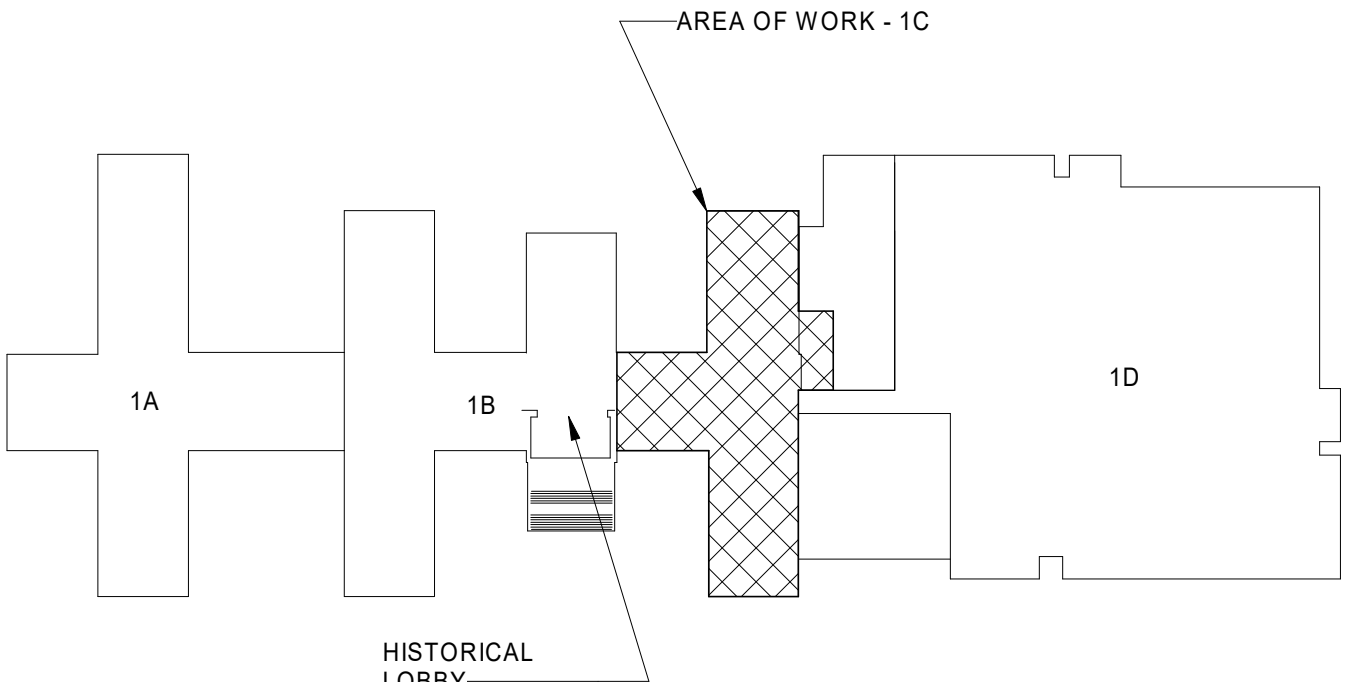


2 ENLARGED IT/ELECTRIC ROOM POWER PLAN
EP100 1/4" = 1'-0"



1 PARTIAL FIRST FLOOR PLAN - 1C - POWER
EP100 1/8" = 1'-0"

0' 4' 8' 16'
SCALE 1/8" = 1'-0"



KEY PLAN - BLDG 1
NTS

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BID DOCUMENTS (MOD P00002)	10 JUN 2022
CONSTRUCTION DOCUMENTS 100% (MOD P00002)	4 MAY 2022
CONSTRUCTION DOCUMENTS 95% (MOD P00002)	18 JAN 2022
MOD P00002 PROGRESS SET	10 DEC 2021
DESIGN DEVELOPMENT 60%	09 APR 2020
SCHEMATIC DESIGN 30%	28 JAN 2020
CONCEPTUAL DESIGN 15%	27 NOV 2019
Revisions:	Date:

CONSULTANT

Consultant:
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Nagel Architects + Engineers
project number: 19022

STAMP



Office of
Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

PARTIAL FIRST FLOOR PLAN - 1C -
POWER

Approved:

Phase

BID DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 1C SURGICAL SUITE

Location

2300 RAMSEY ST, FAYETTEVILLE, NC 28301

Issue Date

10 JUN 2022

Checked

PDY

Drawn

BBK

Project Number

565-19-101

Building Number

BLDG 1

Drawing Number

EP100

A

B

C

D

E

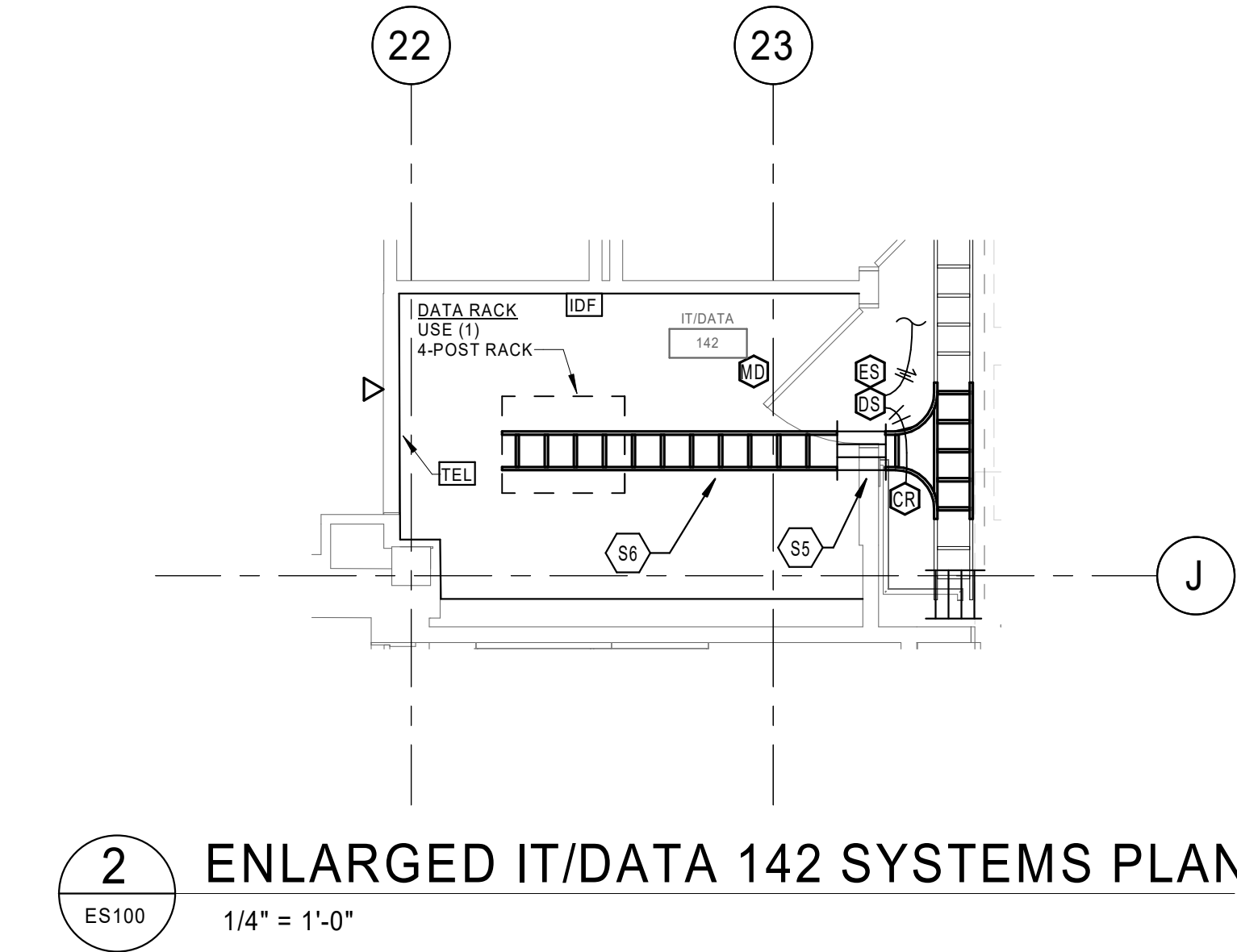
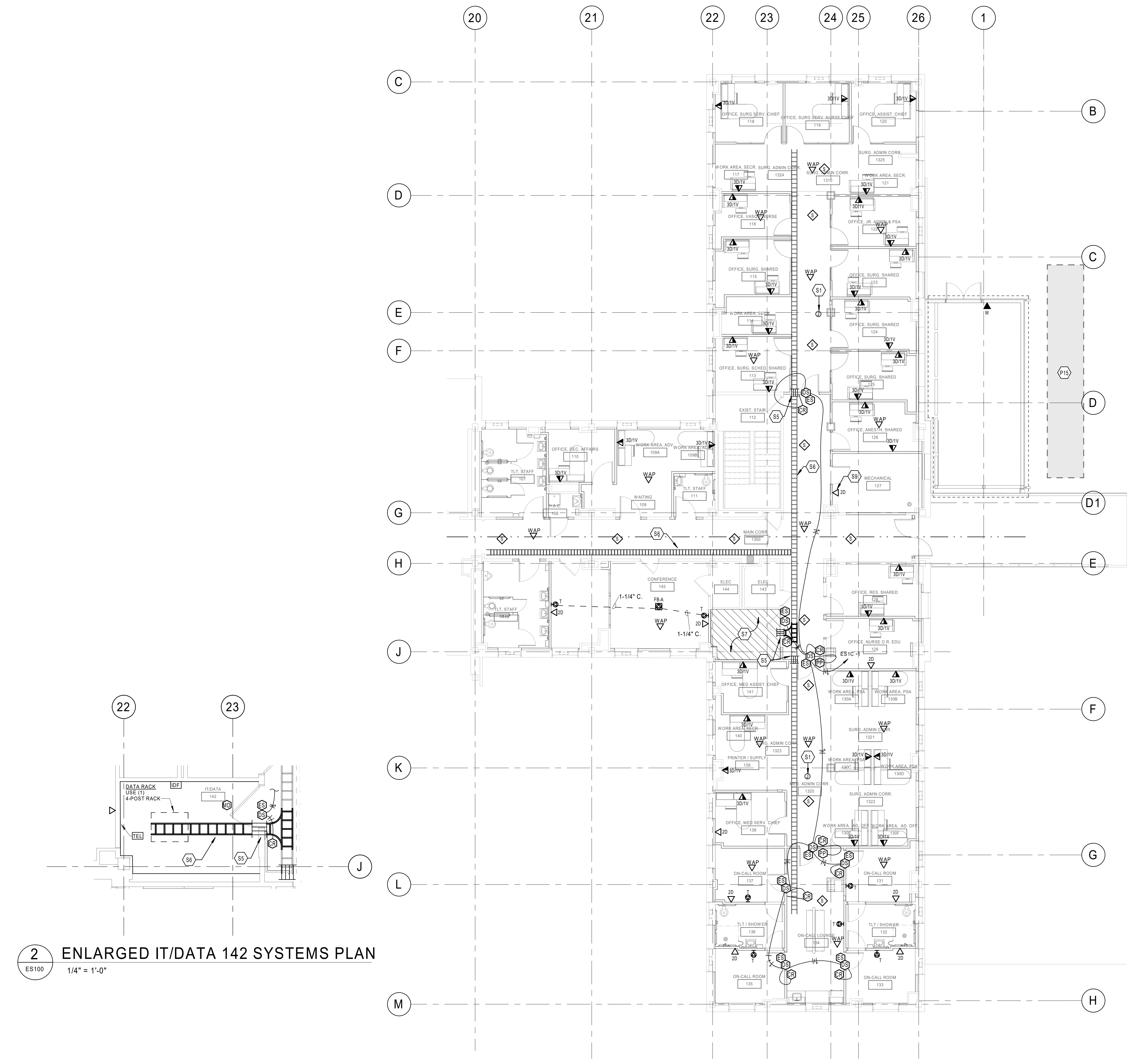
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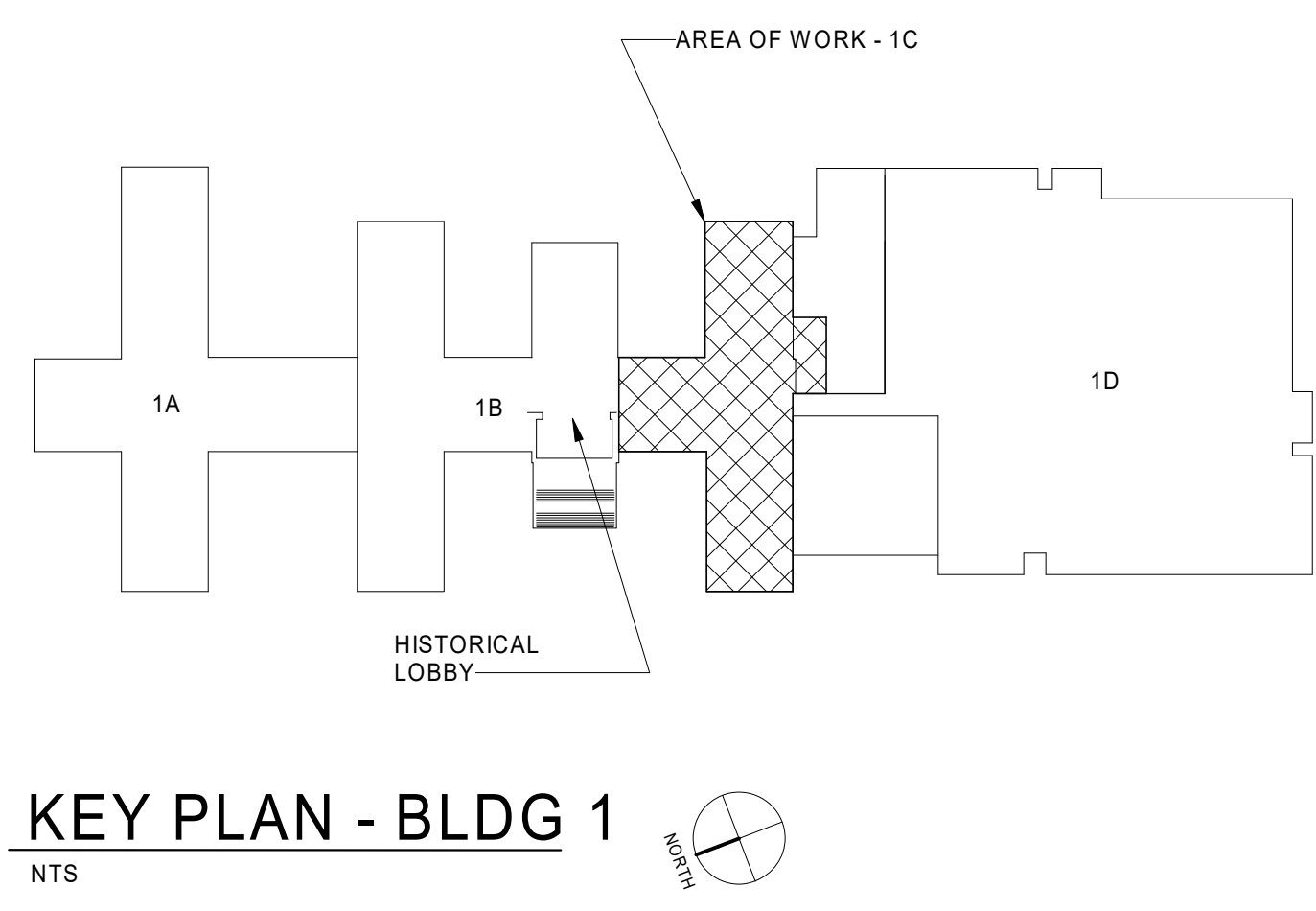
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VA FORM 08 - 6231



- GENERAL NOTES (SYSTEMS):**
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 - B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTI-WIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
 - C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION, PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
 - D. REFER TO "SYSTEM INSTALLATION MATRIX" (ON SYSTEMS LEGEND SHEET) AND SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS OF EACH SYSTEM.
 - E. THE CONTRACTOR SHALL ROUTE ALL "SYSTEM CONDUIT STUB-UPS" TO THE NEAREST CORRIDOR CABLING PATH (SEE "STUB-UP" DETAILS). REFER TO CABLING PATH INSTALLATION DETAIL FOR ADDITIONAL REQUIREMENTS.
 - F. CONTRACTOR SHALL PAINT ALL SYSTEMS CONDUIT STUB-UPS LIGHT BLUE FOR SYSTEMS CABLING INTO THE CORRIDOR CABLING PATH. PROVIDE PULL STRINGS IN ALL NEW CONDUIT RUNS FOR SYSTEM CABLING INSTALLATION.

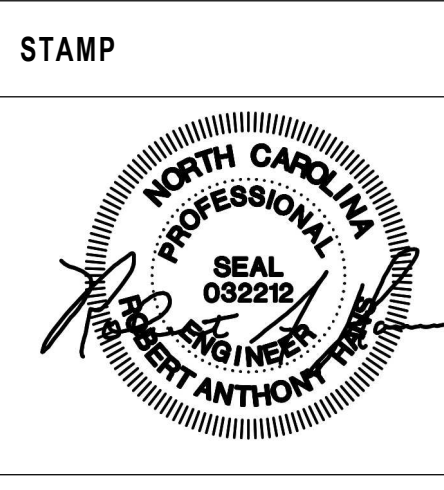
KEYNOTES ELECTRICAL	
P15	PROPOSED SPS ROOFTOP AHU ENCLOSURE (NIC).
S1	EXISTING CELLULAR ANTENNA TO BE REPLACED WITH NEW COMPONENT TO MATCH EXISTING. REMOVE ASSOCIATED DATA CABLING BACK TO DATA CLOSET OR POINT OF SERVICE.
S5	PROVIDE FOUR - 4" CONDUIT SLEEVES THROUGH WALLS INDICATED. INSTALL SLEEVES ABOVE THE SUSPENDED CEILING IN-LINE WITH CABLE TRAY.
S6	PROPOSED "LADDER TYPE" CABLE TRAY CABLING PATH - COORDINATE ALL PATHS NEW NEW PIPING, DUCTWORK, ETC. (NOTE: STUB-UP CONDUITS SHALL BE ROUTED TO THESE CABLING PATHS).
S7	REFER TO ENLARGED IT/DATA 142 SYSTEMS PLAN ON THIS SHEET FOR WORK IN THIS AREA.
S9	TEMPERATURE CONTROL PANEL FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE DATA CONNECTION AND 120V POWER (REFER TO POWER PLANS) AS INDICATED.



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ARCHITECT/ENGINEER OF RECORD
nagel architects + engineers 13100 watertown plank road suite 200 elm grove, wi 53122 Nagel Architects + Engineers project number: 19022



Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs
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Drawing Title PARTIAL FIRST FLOOR PLAN - 1C - SYSTEMS
Approved:

Phase BID DOCUMENTS
FULLY SPRINKLERED

Project Title RENOVATE 1C SURGICAL SUITE
Location 2300 RAMSEY ST, FAYETTEVILLE, NC 28301
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Project Number 565-19-101
Building Number BLDG 1
Drawing Number ES100

