

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

A
B
C
D
E
F



Robert J. Dole VA Medical Center Renovate 5 & 5b For Mental Health

5500 E Kellogg Ave, Wichita, KS 67218



1 WICHITA VA SITE PLAN
1" = 200'-0"

GENERAL INFORMATION
GI001 COVER SHEET

LIFE SAFETY
GI101 FIRST FLOOR - LIFE SAFETY PLAN

ARCHITECTURAL
AG001 ARCHITECTURAL ABBREVIATIONS, LEGENDS AND NOTES
AD101 DEMOLITION PLANS
AE101 FIRST FLOOR PLAN
AC101 FIRST FLOOR - REFLECTED CEILING PLAN

AE701 DOOR AND FRAME TYPES, DETAILS AND DOOR SCHEDULE
AE801 PARTITION TYPES
AE802 PARTITION & TRANSITION DETAILS
AE905 INTERIOR ELEVATIONS

INTERIOR DESIGN
IN101 FIRST FLOOR - INTERIOR FLOOR FINISH PLAN
IN601 INTERIOR SCHEDULES AND DETAILS

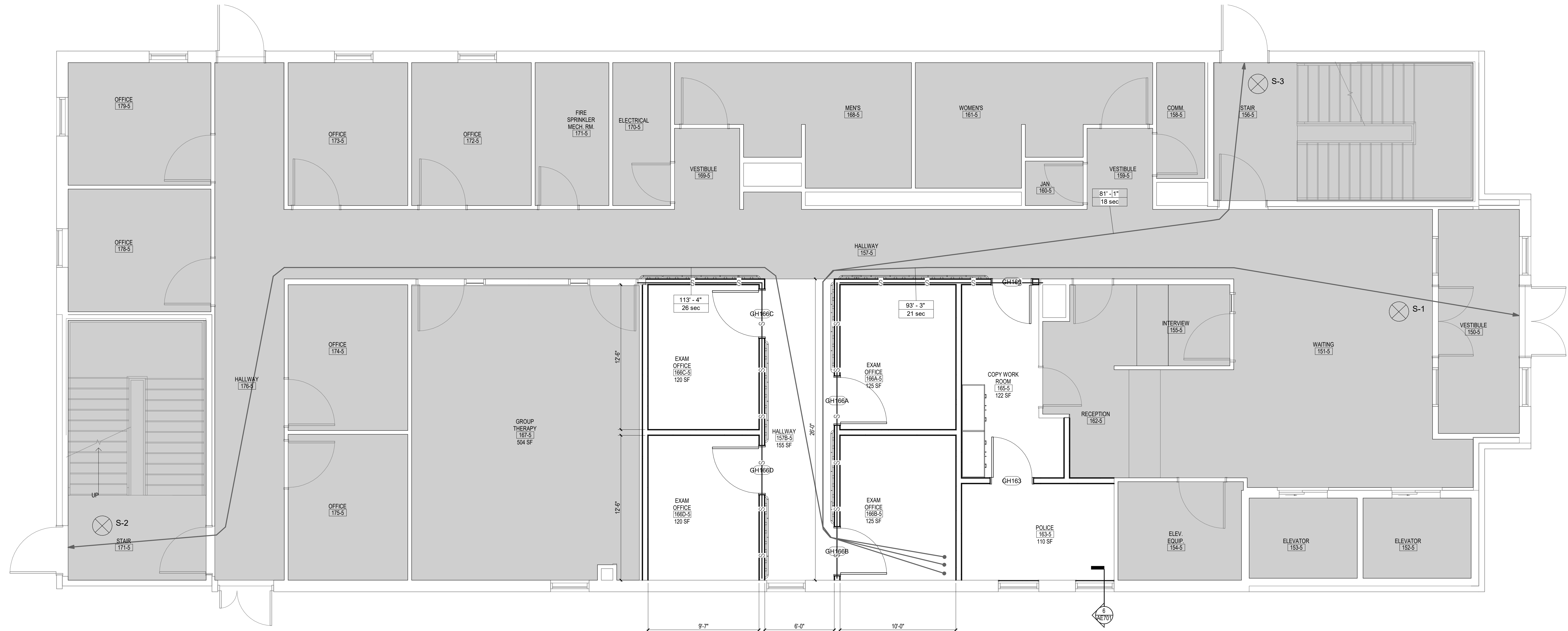
EQUIPMENT
QH101 FIRST FLOOR - EQUIPMENT PLAN

MECHANICAL
MG101 MECHANICAL SYMBOLS LEGEND AND GENERAL NOTES
MH101 FIRST FLOOR MECHANICAL PLANS
M-501 MECHANICAL DETAILS AND SCHEDULES

PLUMBING
PG101 PLUMBING SYMBOLS LEGEND AND GENERAL NOTES
PL101 FIRST FLOOR PLUMBING PLAN
P-501 PLUMBING DETAILS AND SCHEDULES

ELECTRICAL
EG101 ELECTRICAL SYMBOLS LEGEND AND GENERAL NOTES
ED101 FIRST FLOOR ELECTRICAL DEMOLITION PLAN
EL101 FIRST FLOOR LIGHTING PLAN
EP101 FIRST FLOOR POWER PLAN
E-501 ELECTRICAL DETAILS
FA101 FIRST FLOOR FIRE ALARM PLAN
FG101 FIRE SUPPRESSION SYMBOLS LEGEND AND GENERAL NOTES
FX101 FIRST FLOOR FIRE SUPPRESSION PLAN

ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title COVER SHEET		Phase CONTRACT DOCUMENTS		Project Title RENOVATE 5 & 5B FOR MENTAL HEALTH		Project Number 589A7-23-306	
Alesia Architecture P.C. 3705 North 200th Street Elkhorn, Nebraska 68022 Phone: (402) 291-6941		FARRIS ENGINEERING OMAHA LINCOLN COLORADO SPRINGS DENVER FARRIS-ONE.COM		Farris Engineering 12700 W Dodge Rd. Omaha, NE 68154 Phone: (402) 330-5900		Approved:		FULLY SPRINKLERED		Location WICHITA, KS		Building Number 5b	
BDH Engineering 440 Regency Parkway, Suite 135 Omaha, Nebraska 68114 Phone: (402) 981-5527				U.S. Department of Veterans Affairs						Issue Date 21 MAY 2024		Checked RJO	
Date:										Drawn IJM		Drawing Number GI001	



1 FIRST FLOOR - FLOOR PLAN
1/4" = 1'-0"

EGRESS PATH INFORMATION			
Mark	OCCUPANCY CLASSIFICATION	Length	EGRESS PATH MAXIMUM PERMITTED
EP 01	BUSINESS	93' - 2 29/32"	300' - 0"
EP 02	BUSINESS	113' - 3 31/32"	300' - 0"
EP 03	BUSINESS	81' - 1 5/32"	300' - 0"

EXIT CAPACITY COMPARISON				
EGRESS PATH NAME	EGRESS COMPLETE CLEAR WIDTH	EGRESS CAPACITY FACTOR	EGRESS COMPONENT OCCUPANT LOAD CAPACITY	EXPECTED OCCUPANT LOAD
S-1	38"	0.2	150	50
S-2	38"	0.2	190	165
S-3	38"	0.2	190	165

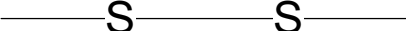
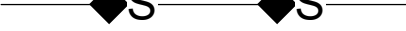
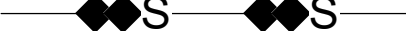
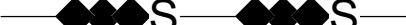
OCCUPANT LOAD CALCULATION			
ZONE	Area	OCCUPANCY LOAD FACTOR	OCCUPANCY LOAD

AMBULATORY HEALTHCARE BUSINESS	5537 SF	150	37
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EXIT MARKER



SOC PLAN LEGEND

SYMBOL	DESCRIPTION
	SMOKE PARTITION
	SMOKE BARRIER
	30-MINUTE FIRE BARRIER
	1-HOUR FIRE BARRIER
	2-HOUR FIRE BARRIER
	3-HOUR FIRE BARRIER
	4-HOUR FIRE BARRIER
	30-MINUTE SMOKE BARRIER
	1-HOUR SMOKE BARRIER
	2-HOUR SMOKE BARRIER
	3-HOUR SMOKE BARRIER
	4-HOUR SMOKE BARRIER

A/C	AIR CONDITIONING	DWP	DOMESTIC WATER PUMP	JT	JOINT	Q	QUARRY TILE
AB	ANCHOR BOLT / AIR BLENDER	E	EPOXY	K	KICK	R	RADIUS / REGISTER
ABS	ACRYLONITRILE-BUTADIENE-STYRENE	EJ	EACH / EXHAUST AIR	KC MIL	KEYED CONSTRUCTION JOINT	R	RADIUS / REGISTER
AC	ALTERNATING CURRENT / AIR COMPRESSOR	EA	EACH / EXHAUST AIR	KIT	KITCHEN	RA	RETURN AIR
ACP	ASBESTOS CEMENT PIPE	EF	EACH FACE / EXHAUST FAN	KPA	KILOPASCALS	RB	RESILIENT BASE
ACU	AIR CONDITIONING UNIT	EJ	EXPANSION JOINT	KS	KITCHEN SINK	RD	REINFORCED CONCRETE PIPE
AD	AREA DRAIN	ELC	ELEVATION	KV	KILOVOLT	RO	ROOF DRAIN
ADA	AMERICANS WITH DISABILITIES ACT	ELEV	ELEVATOR	KVA	KILOVOLT AMPERE	REF	REFERENCE
AJ	ADJACENT / ADJUSTABLE	EMBED	EMBEDMENT	KW	KILOWATTS	REFL	REFLECTED
ADR	ACCESS DOOR	EMD	ESTIMATED MAXIMUM DEMAND			REG	REGISTER
AF	ABOVE FINISH FLOOR	EMT	ELECTRICAL METAL TUBING	L	LITER	REINF	REINFORCED
AHJ	AUTHORITY HAVING JURISDICTION	EQ	EQUAL	LA	LABORATORY AIR	REQD	REQUIRED
AI	AIR HANDLING UNIT	EQUIP	EQUIPMENT	LAM	LAMINATE	REV	REVERSE / REVISION
AL	ALUMINUM	ET	EXPANSION TANK	LAB	LABORATORY	RF	RETURN FAN
ALT	ALTERNATE	EVAC	MEDICAL GAS EVACUATION	LAM	LAMINATE	RG	RIGID GALVANIZED STEEL
APPROX	APPROXIMATELY	EW	EACH WAY	LAV	LAVATORY	RH	ROUGH OPENING
APT	APARTMENT	EWC	ELECTRICAL WATER COOLER	LBS	POUNDS	RH	ROUGH OPENING
ARCH	ARCHITECT(URAL)	EW	ELECTRICAL WATER HEATER	LF	LINEAR FEET	RH	ROUGH OPENING
ASPH	ASPHALT	EXH	EXHAUST	LL	LIVE LOAD	RM	ROOM
AT	ACoustICAL PANEL CEILING	EXIST	EXISTING	LLH	LONG LEG HORIZONTAL	ROW	RIGHT OF WAY
ATD	AIR TRANSFER DUCT	EXP	EXPANDED	LLV	LONG LEG VERTICAL	RT	RESILIENT TILE
ATU	AIR TERMINAL UNIT	EXPN	EXPANSION	LNG	LONG	RWC	RIGID WALL COVERING
AUX	AUXILIARY	EXT	EXTERIOR	LMU	LIGHTWEIGHT MASONRY UNITS		
AVG	AVERAGE	LONG	LONG	LONG	LONG	S	STAIR
AWC	ACoustICAL WALL COVERING	F	FIRE MAIN	LONG	LONG	SA	SUPPLY AIR / SOUND ATTENUATOR
AZ	AZIMUTH	FA	FIRE ALARM	LT	LIGHT	SAN	SANITARY
		FDU	FLOOR DRAIN	LT WT	LIGHT WEIGHT	SCH	SCHEDULE
B	BALLED AND BURLAPPED	FD	FLOOR DRAIN / FIRE DAMPER	LTG	LIGHTING	SD	SMOKE DAMPER / SUB DRAIN
BD	BOARD	FD / SD	COMBINATION FIRE AND SMOKE DAMPER	LVL	LEVEL	SECT	SECTION
BDD	BACK DRAFT DAMPER	FDC	FIRE DEPARTMENT CONNECTION	LVT	LUXURY VINYL TILE	SF	SUPPLY FAN
BE	BOTTOM ELEVATION	FDN	FOUNDATION			SH	SHEET
BL	BUILDING LINE	FDR	FEEDER	M	METER	SI	SIMILAR
BLDG	BUILDING	FE	FIRE EXTINGUISHER	M	METER	SOG	SLAB-ON-GRADE
BLDG	BUILDING	FEC	FIRE EXTINGUISHER CABINET	M2	SQUARE METER	SUMP	SUMP PUMP
BM	BENCH MARK / BEAM	FH	FIRE HYDRANT	M3	CUBIC METER	SPEC	SPECIFICATIONS
BR	BARE ROOT	FHC	FIRE HOSE CABINET	MA	MEDICAL AIR	SPR	SPRAY POLYURETHANE FOAM
BRG	BEARING	FIN	FINISH	MAINT	MAINTENANCE	SS	SQUARE
BTU	BRITISH THERMAL UNIT	FIX	FIXTURE	MAR	MARBLE	SS	SERVICE SINK / STORM SEWER
BTUH	BRITISH THERMAL UNIT PER HOUR	FL	FLOOR	MAS	MASONRY	SST	STORM SEWER OVERFLOW
		FM	FORCE MAIN / FACTORY MUTUAL	MAT	MATERIAL ENTRY CARPET	STL	STAINLESS STEEL
C	CENTER TO CENTER	FP	FIREPROOFING / FIRE PUMP	MAX	MAXIMUM	STT	STAIR TREAD
C/C	CABINET	FRM	FEET PER MINUTE	MBH	1000 BTUH	STA	STANDARD
CAB	CABINET	FRP	FIRE RATED	MDO	MEDIUM DENSITY OVERLAY	STD	STANDARD
CB	CATCH BASIN	FR	FIBERGLASS REINFORCED PLASTIC	MECH	MECHANICAL	STE	STANDARD TAPERED END
CC	COOLING UNIT	FS	FLOOR SWITCH	MET	METAL	STIF	STIFFENER
CE	COVER ELEVATION	FT	FEET	MFR	MANUFACTURER	STR	STIRRUP
CEM	CEMENT	FTG	FOOTING	MG	MOTOR GENERATOR / MEDICAL GAS	STL	STEEL
CFM	CUBIC FEET PER MINUTE	FVC	FIRE VALVE CABINET	MH	MANHOLE	STR	STORAGE
CFS	CONCRETE FLOOR SEALER	G	GAS / GRILLE	MN	MINIMUM	STR	STRUCTURAL
CG	CORNER GUARD	G	GAS / GRILLE	MO	MAIN LOSS ONLY	SUSP	SUSPENDED
CH	CHILLER	GA	GAGE	MM	MILLIMETER	SW	SWITCH
CI	CURB INLET / CAST IRON	GALV	GALVANIZED	MO	MASONRY OPENING	SWGR	SWITCHGEAR
CIP	CAST IRON PIPE	GALV	GALVANIZED	MTD	MOUNTED	SYM	SYMMETRICAL
CJ	CONTROL JOINT OR CONTRACTION JOINT	GB	GRAB BAR	MTG	MOUNTING		
CKT	CIRCUIT	GEB	GRAVITY BACKDRAFT DAMPER	MULL	MULLION	T	TREAD
CL	CENTER LINE	GEN	GENERATOR	MV	MEDICAL VACUUM	T	TREAD
CLG	CEILING	GFR	GLASS FIBER REINFORCED CONCRETE	N	NITROGEN	T&B	TOP AND BOTTOM
CLO	CLOSET	GI	GALVANIZED IRON	N	NITROGEN	TG	TONGUE AND GROOVE
CLN	CLEAR	GL	GLASS	N	NITROGEN	TC	TOP OF CURB
CM	CENTIMETER	GLB	GLASS BLOCK	N2O	NITROUS OXIDE	TE	TOP ELEVATION
CMB	CUBIC METER PER HOUR	GP	GALLONS PER MINUTE	NEC	NATIONAL ELECTRICAL CODE	TEL	TELEPHONE
OMP	CORRUGATED METAL PIPE	GPM	GALLONS PER MINUTE	NFPA	NATIONAL FIRE PROTECTION	TEMP	TEMPERATURE
CMT	CERAMIC MOSAIC TILE	GR	GRADE	NIC	NOT IN CONTRACT	TER	TERRAZZO
CMU	CONCRETE MASONRY UNIT	GRV	GRAVITY ROOF VENTILATOR	NO	NUMBER	TLT	TOILET
CO	CLEANOUT / CARBON MONOXIDE	G					

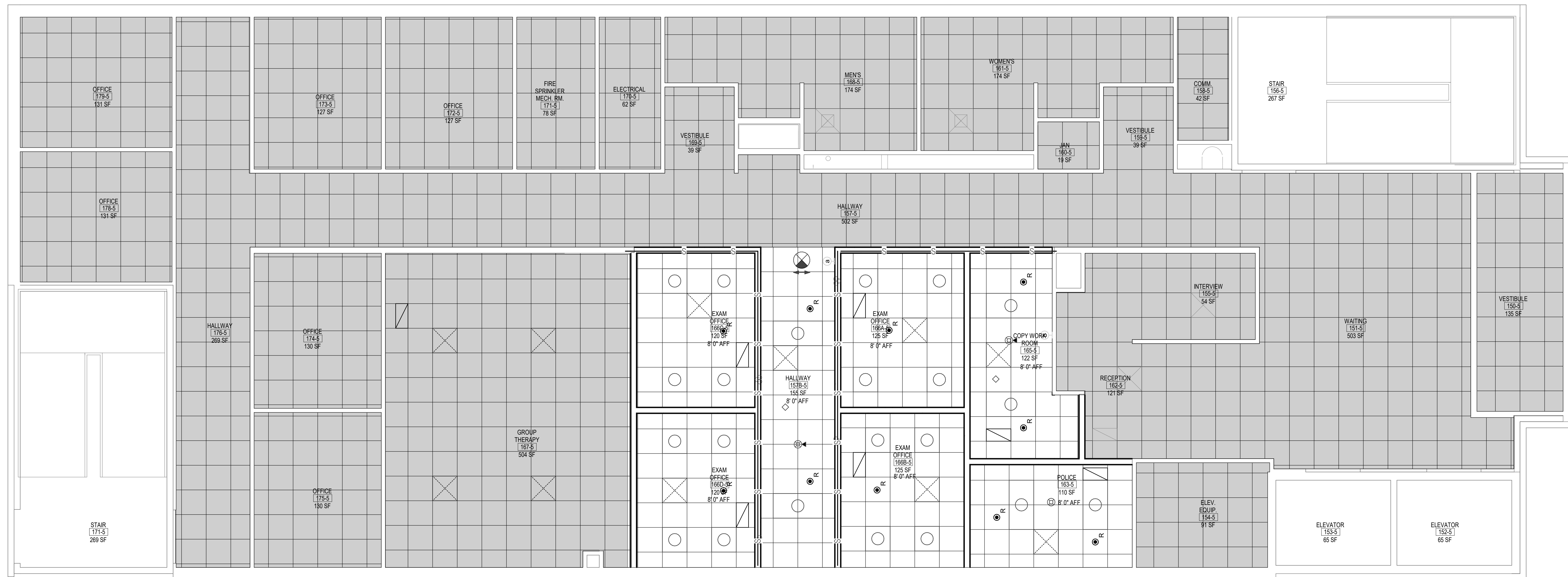
AG001



- * DASHED BOLD LINES INDICATE EXTENT OF DEMOLITION INCLUDING THE FOLLOWING:
 - * INTERIOR PARTITIONS (REMOVED TO STRUCTURE)
 - * CEILINGS, INCLUDING GELING SUSPENSION SYSTEM, MSC, STEEL SUPPORTS FOR SUSPENDED EQUIPMENT, SUSPENDED EQUIPMENT, LIGHT FIXTURES, DIFFUSERS AND GRILLS ETC.
 - * FLOOR FINISHES (TO CONCRETE) INCLUDING CARPET, RVT, SHEET VINYL, CERAMIC TILE, QUARRY TILE, BRICK PAVING, ETC.
 - * DOORS AND FRAMES UNLESS NOTED OTHERWISE IN DOOR SCHEDULE
 - * WINDOW GLAZING AND FRAMES UNLESS NOTED OTHERWISE
 - * BOLT AND BACK-UP WALL SYSTEM
 - * CABINETWORK, SHELVING, BASES
 - * TOILET PARTITIONS AND ACCESSORIES
 - * TACK BOARDS, MARKER BOARDS, PEGBOARDS, DISPLAY BOARDS
 - * EQUIPMENT ITEMS
 - * PLUMBING FIXTURES

- | KEY | KEYNOTE |
|-----|---|
| A | REMOVE GWB AND METAL STUD WALL SYSTEM |
| B | REMOVE FOLDING ROOM DIVIDER AND RELATED MECHANISM |
| C | REMOVE CABINETWORK, SHELVING, BASES. |
| D | FULL HEIGHT ONE-HOUR FIRE RATED TEMPORARY PARTITION |

KEY	KEYNOTE
A	REMOVE GWB AND METAL STUD WALL SYSTEM
B	REMOVE FOLDING ROOM DIVIDER AND RELATED MECHANISM
C	REMOVE CABINETWORK, SHELVING, BASES.
D	FULL HEIGHT ONE-HOUR FIRE RATED TEMPORARY PARTITION



1 FIRST FLOOR - REFLECTED CEILING PLAN
1/4" = 1'-0"

SOC PLAN LEGEND

<u>SYMBOL</u>	<u>DESCRIPTION</u>
○○○○○○○○○○○○○○○○○	SMOKE PARTITION
S S	SMOKE BARRIER
	30-MINUTE FIRE BARRIER
◆ ◆	1-HOUR FIRE BARRIER
◆ ◆	2-HOUR FIRE BARRIER
◆ ◆	3-HOUR FIRE BARRIER
◆ ◆	4-HOUR FIRE BARRIER
S S	30-MINUTE SMOKE BARRIER
◆S ◆S	1-HOUR SMOKE BARRIER
◆S ◆S	2-HOUR SMOKE BARRIER
◆S ◆S	3-HOUR SMOKE BARRIER
◆S ◆S	4-HOUR SMOKE BARRIER

REFLECTED CEILING LEGEND

	EXISTING GYPSUM WALL BOARD CEILING		GYPSUM WALL BOARD CEILING
	EXISTING SUSPENDED ACOUSTICAL REMAIN		SUSPENDED ACOUSTICAL CEILING
	EXISTING SUPPLY AIR GRILLE - SEE MECHANICAL		SUPPLY AIR GRILLE - SEE MECHANICAL
	EXISTING RETURN AIR GRILLE - SEE MECHANICAL		RETURN AIR GRILLE TO - SEE MECHANICAL
	EXISTING RECESSED 2X2 LIGHT FIXTURE - SEE ELECTRICAL		RECESSED 2X2 LIGHT FIXTURE - SEE ELECTRICAL
	EXISTING RECESSED 2X4 LIGHT FIXTURE - SEE ELECTRICAL		RECESSED 2X4 LIGHT FIXTURE - SEE ELECTRICAL
	STRIP LIGHTING		STRIP LIGHTING
	CAN LIGHT		CAN LIGHT
	EXIT LIGHT		EXIT LIGHT
	WIRELESS ACCESS POINT		WIRELESS ACCESS POINT
	SPEAKER		SPEAKER
	SMOKE DETECTOR		SMOKE DETECTOR
	OCCUPANCY SENSOR		OCCUPANCY SENSOR
	VIDEO SURVEILLANCE CAMERA		VIDEO SURVEILLANCE CAMERA

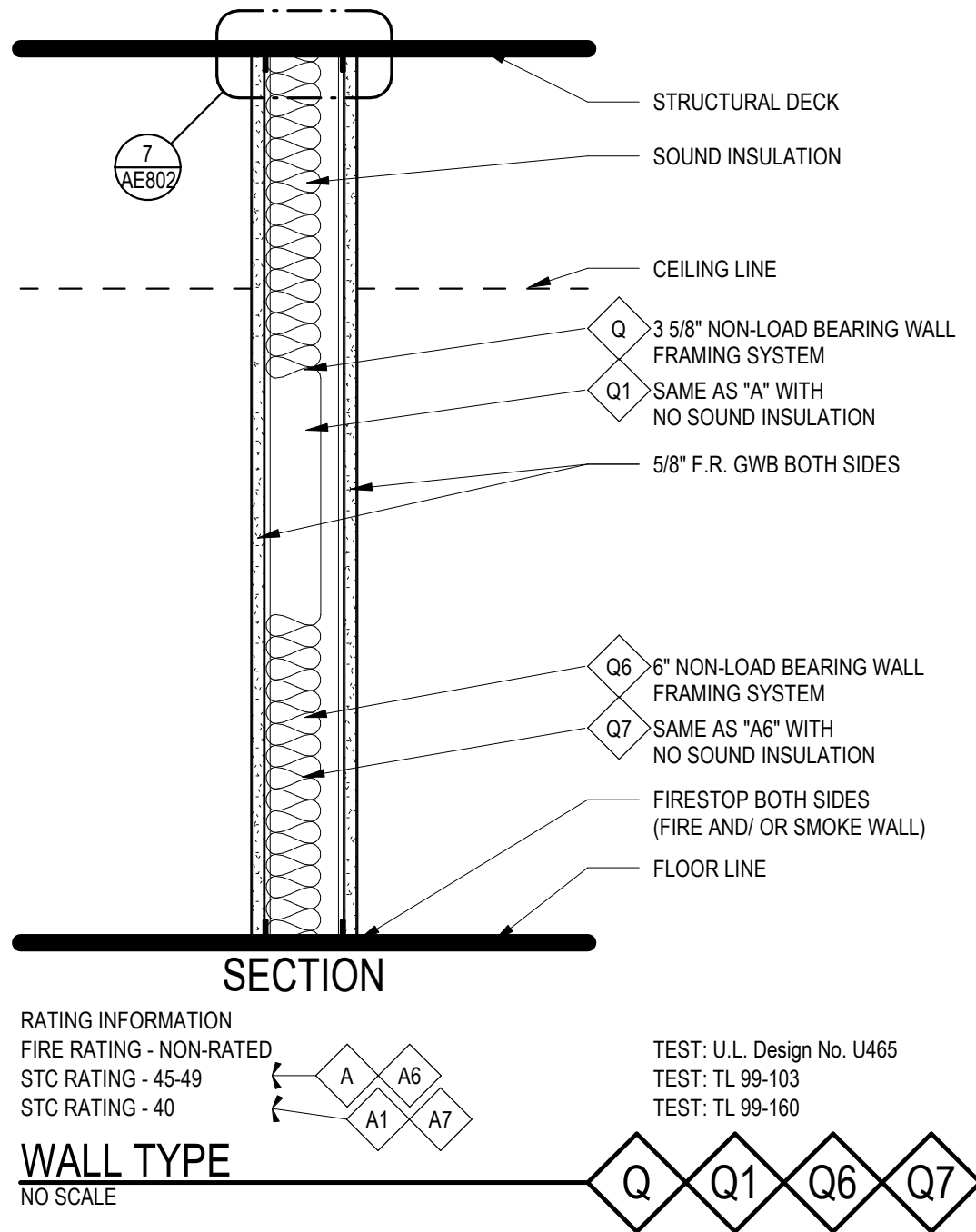
GENERAL REFLECTED CEILING NOTES

- 1 PROVIDE GYPSUM WALL BOARD AND METAL STUD BULK HEADS WHERE CEILINGS OF DIFFERENT HEIGHTS
2 ABOUT. DO NOT BUILD BULKHEADS FOR ACoustICAL CEILING MATERIALS UNLESS SPECIFICALLY DETAILLED.
- 3
- 4 REFER TO MECHANICAL DRAWINGS (M SERIES) FOR QUANTITY AND TYPE OF DIFFUSERS, RETURN AIR
5 GRILLES, AND EXHAUST GRILLES. SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.
- 6
- 7 REFER TO ELECTRICAL DRAWINGS (E SERIES) FOR QUANTITY AND TYPE OF LIGHTS, SPEAKERS,
8 DETECTOR, AND LOWER OUTLETS, ETC. SCRIBE CEILING MATERIALS CAREFULLY. WHERE NO DEVICES ARE
9 SHOWN ON PLANS, FIELD VERIFY LOCATION A QUANTITY OF DEVICES IN EXISTING CEILING. THESE
10 DEVICES WILL BE RELOCATED TO THE NEW CEILING.
- 11
- 12 ALTHOUGH NOT SPECIFICALLY SHOWN, THE ENTIRE PROJECT HAS FIRE SPRINKLER HEADS IN CEILING.
13 SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.
- 14
- 15 ACOUSTIC TILE CEILING TO BE AT-1 UNLESS NOTED OTHERWISE.
- 16
- 17 REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND MATERIAL LOCATIONS.
- 18
- 19 REFER TO ROOM FINISH SCHEDULE FOR THE EXTENT OF GRID SYSTEM. REFLECTED CEILING PLANS
20 SHOW TILE PATTERNS.
- 21
- 22 CONTRACTOR TO FIELD VERIFY EXTENT OF CEILING REPLACEMENT. CONTRACTOR TO COORDINATE WITH
23 ALL TRADES.
- 24
- 25 ALL EXISTING TO REMAIN GRILLES, DIFFUSERS AND LIGHTS ETC. TO BE CLEANED
- 26
- 27 CONTRACTOR TO COORDINATE WITH ALL TRADES.
- 28
- 29 UNLESS NOTED OTHERWISE, TYPICAL CEILING HEIGHT TO BE 8'-0".

[illegible]

Project Number	589A7-23-306
Building Number	5b
Drawing Number	AE701

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot



INTERIOR PARTITION NOTES

- UPGRADE GWB TO TILE BACKER (MR GWB) WHERE CALLED FOR BY SPEC. SECTION 09 22 16 AND WHERE DRAWINGS CALL FOR ADHERED CSMTU TILE VENEER.
- EXTEND FIRE RATED WALL CONSTRUCTION BEHIND RECESSED OR BUILT-IN EQUIPMENT SUCH AS FIRE EXTINGUISHER CABINETS (FEC), ELECTRICAL WATER COOLERS (EWC), ELECTRIC PANELS, ETC., UNO.
- PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES & SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK AND OF ALL FLOOR MOUNTED OR SUSPENDED MECHANICAL, ELECTRICAL OR LABORATORY EQUIPMENT.
- WHERE HVAC OR OTHER MECHANICAL, ELECTRICAL AND PLUMBING ITEMS PENETRATE PARTITIONS, STUDS SHALL BE BRACED AND FRAMED TO STRUCTURE AS REQUIRED TO PROVIDE ADEQUATE SUPPORT. ALL PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED TO PROVIDE FIRE, SMOKE, AND/OR ACOUSTICAL ISOLATION OF SPACES WITH APPROPRIATE FIRESTOP MATERIAL.
- COORDINATE METAL STUD GAUGE WITH PRE-APPROVED EQUIPMENT ANCHORAGE. WHERE A DISCREPANCY OCCURS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
- WHERE COLUMN FURRING STUDS EXCEED THE MANUFACTURER'S RECOMMENDED LIMITING HEIGHTS, STUDS SHALL BE BRACED BACK TO THE STRUCTURE AS REQUIRED.
- THERE SHALL BE NO BACK-TO-BACK ELECTRICAL, TELEPHONE, OR OTHER OUTLETS, EXCEPT WHERE SPECIFICALLY SHOWN. AT ACOUSTICALLY SENSITIVE AREAS, SUCH AS EXAM ROOMS, OFFICES, CLASSROOMS, ETC. OFFSET OUTLETS IN OPPOSITE SIDES OF THE WALL BY AT LEAST TWO STUD CAVITIES.
- WALL BASE NOT SHOWN ON WALL TYPES FOR CLARITY.
- WHERE 'SEALANT' IS INDICATED ON WALL TYPES, PROVIDE ACOUSTIC (SOUND) SEALANT AT NON-RATED WALLS AND FIRE-RATED SEALANT AT RATED WALLS AS REQUIRED BY FIRE RATING TEST NUMBER.
- PROVIDE SOUND INSULATION AS REQUIRED TO MEET STC RATING INDICATED ON WALL TYPE. PROVIDE SOUND INSULATION IN WALLS AROUND THE FOLLOWING SPACES: CLASSROOMS, CONFERENCE ROOMS, OFFICES, OPERATING ROOMS, EXAM ROOMS, PROCEDURE ROOMS, COMMUNICATION AND ELECTRICAL ROOMS, MECHANICAL ROOMS, MECHANICAL AND ELEVATOR SHAFTS, & TOILET AND LOCKER ROOMS. SOUND INSULATION IS NOT REQUIRED IN WALLS WITH CASED OPENINGS OR OTHER UNENCLOSED OPENINGS. SOUND INSULATION IS NOT REQUIRED IN ABOVE-CEILING WALL CAVITIES LOCATED OVER DOORS AND BORROWED LITES.

ARCHITECT/ENGINEER OF RECORD

ALESIA
ARCHITECTURE

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Phone: (402) 291-6941

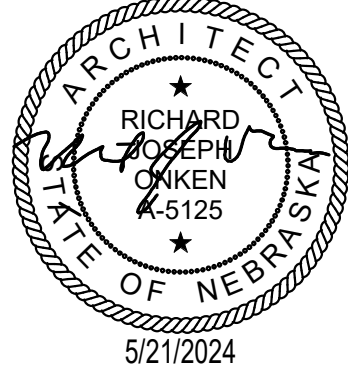
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STAMP



Office of
Construction
and Facilities
Management

VA

U.S. Department
of Veterans Affairs

Drawing Title

PARTITION TYPES

Approved:

Phase

CONTRACT DOCUMENTS

FULLY SPRINKLERED

Project Title

RENOVATE 5 & 5B FOR
MENTAL HEALTH

Location
WICHITA, KS

Issue Date
21 MAY 2024

Checked
RJO

Drawn
JUM

Project Number

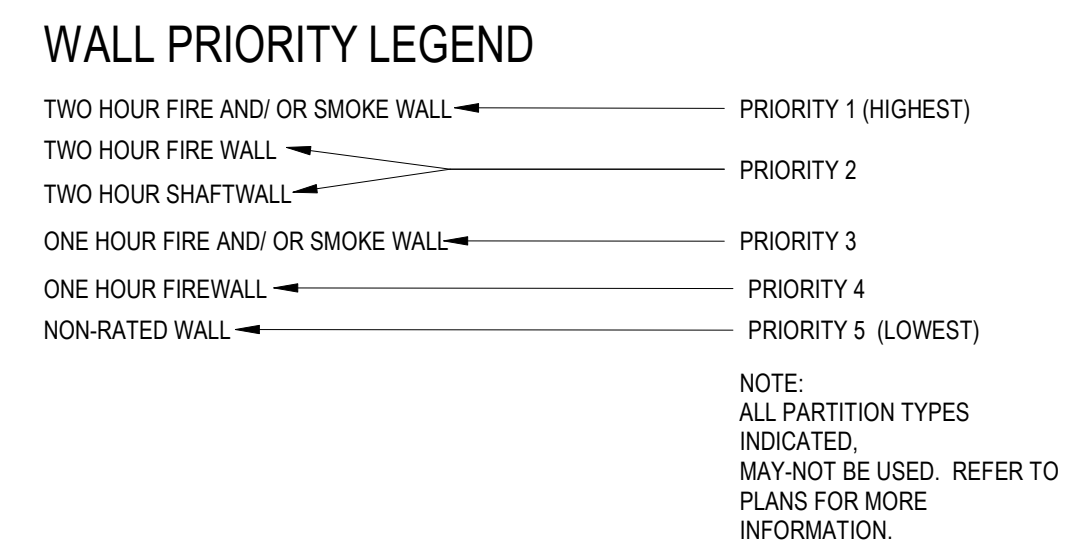
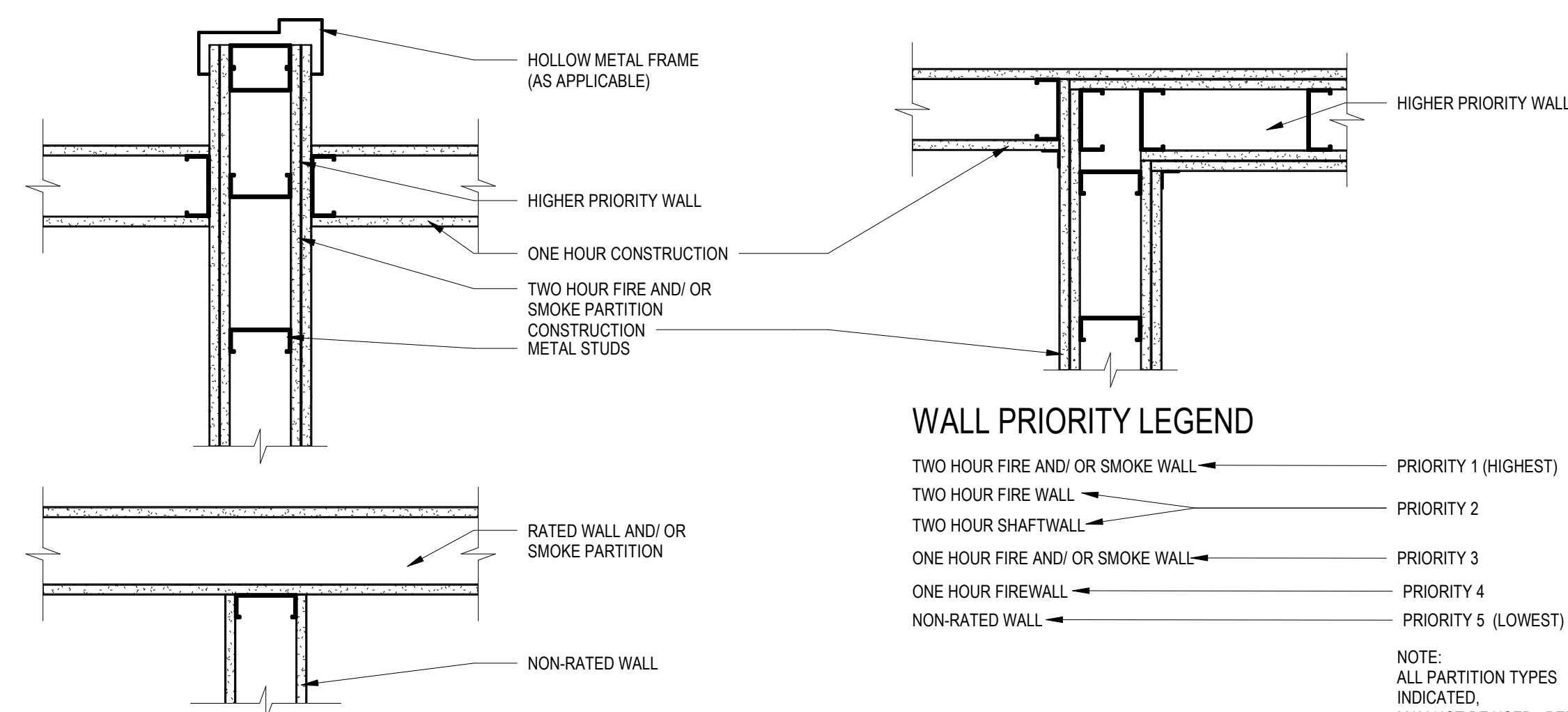
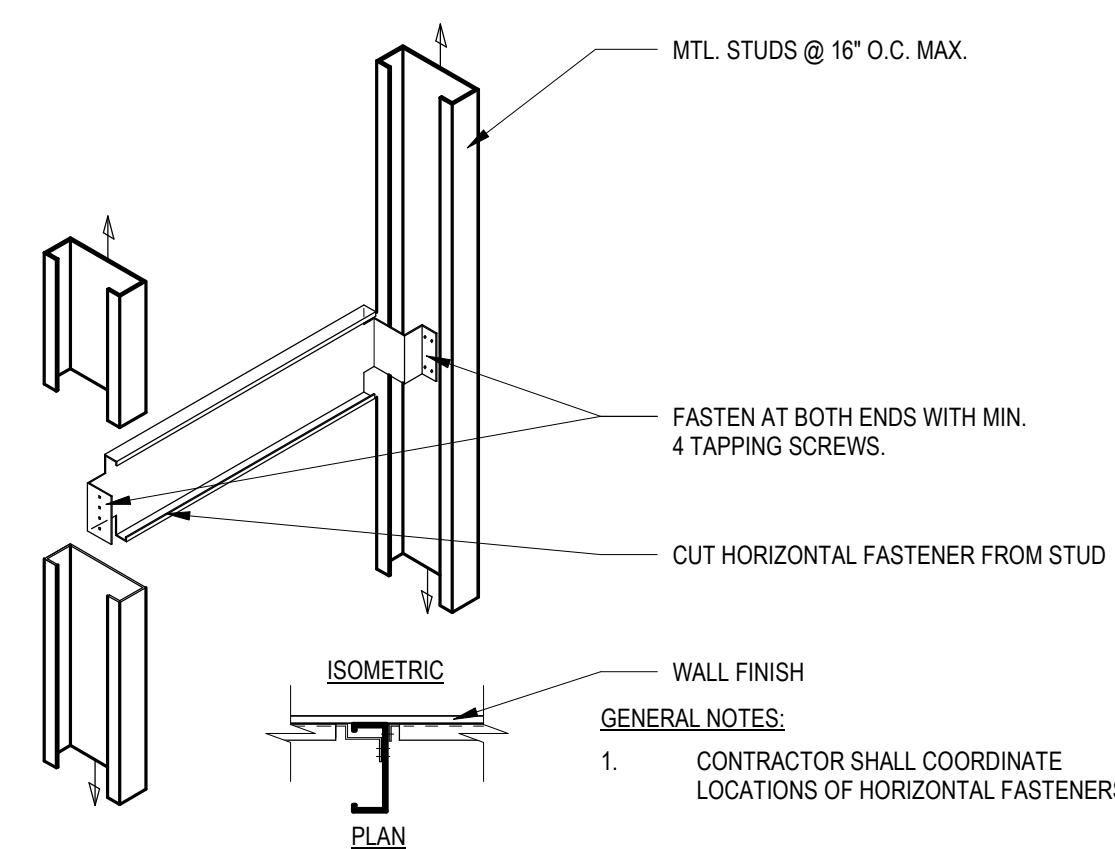
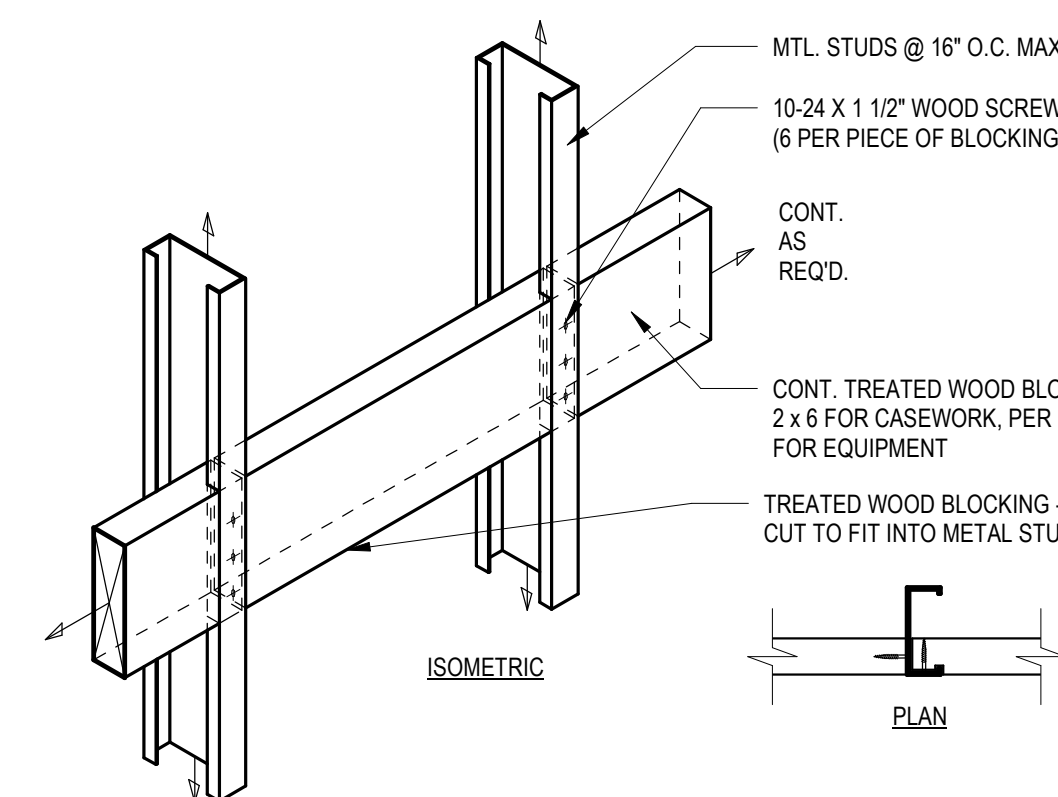
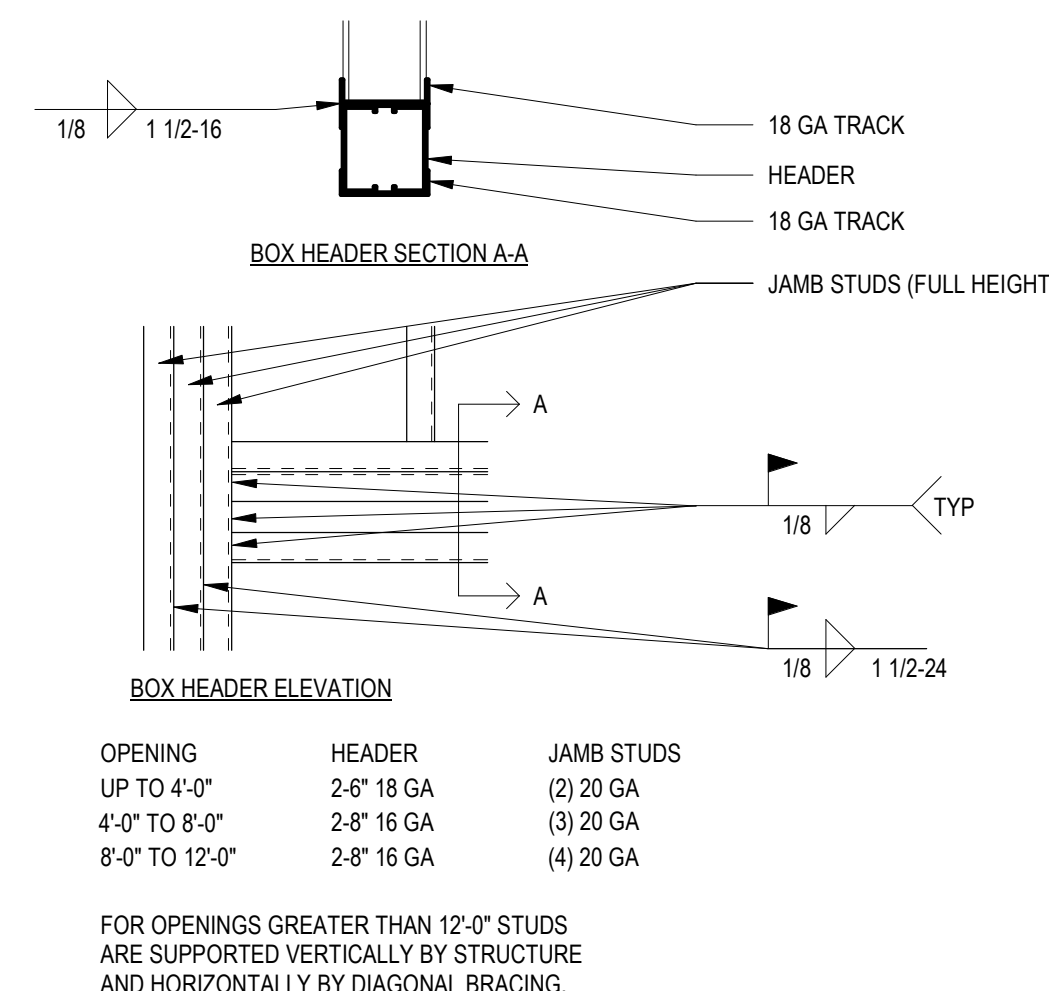
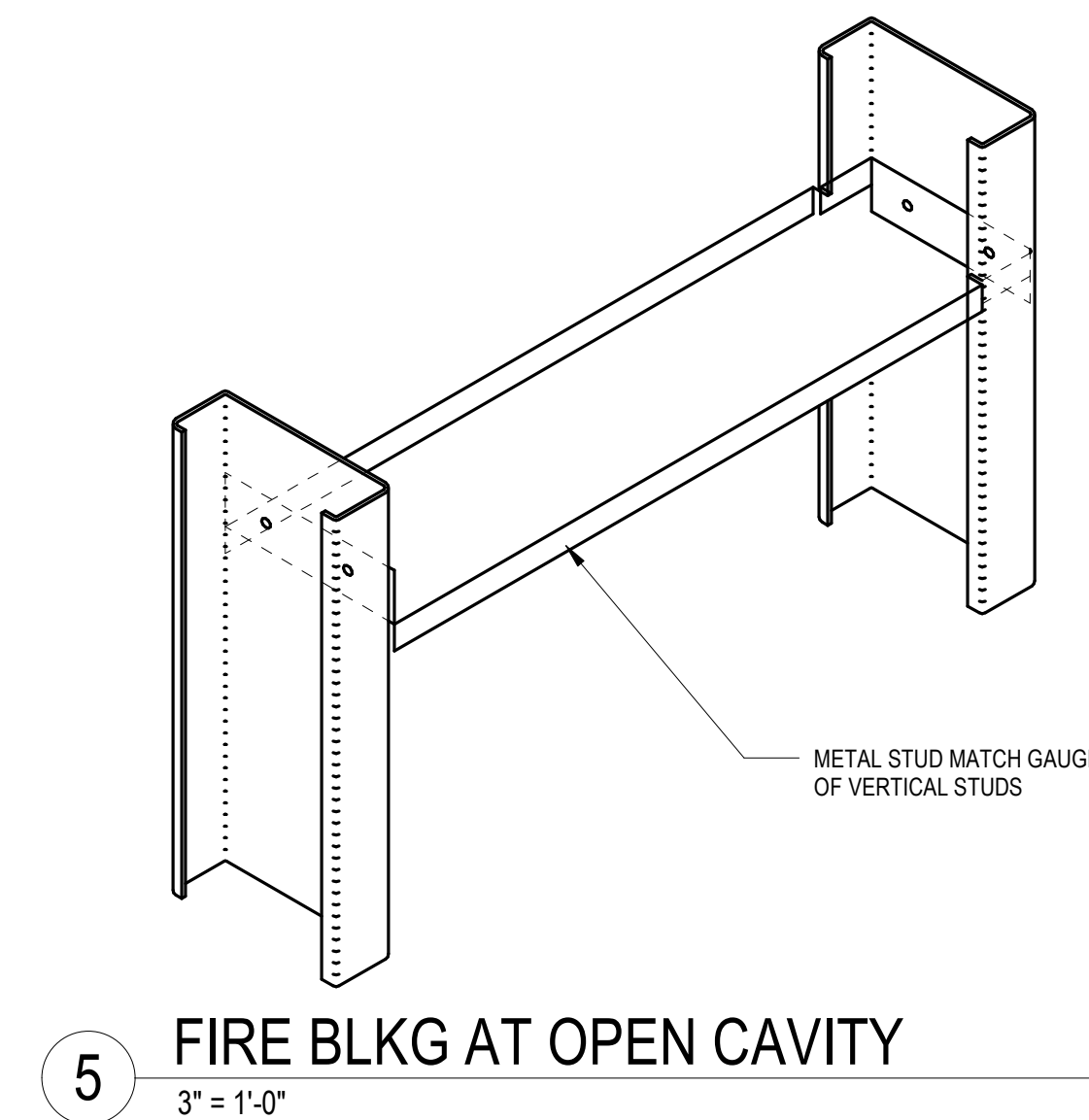
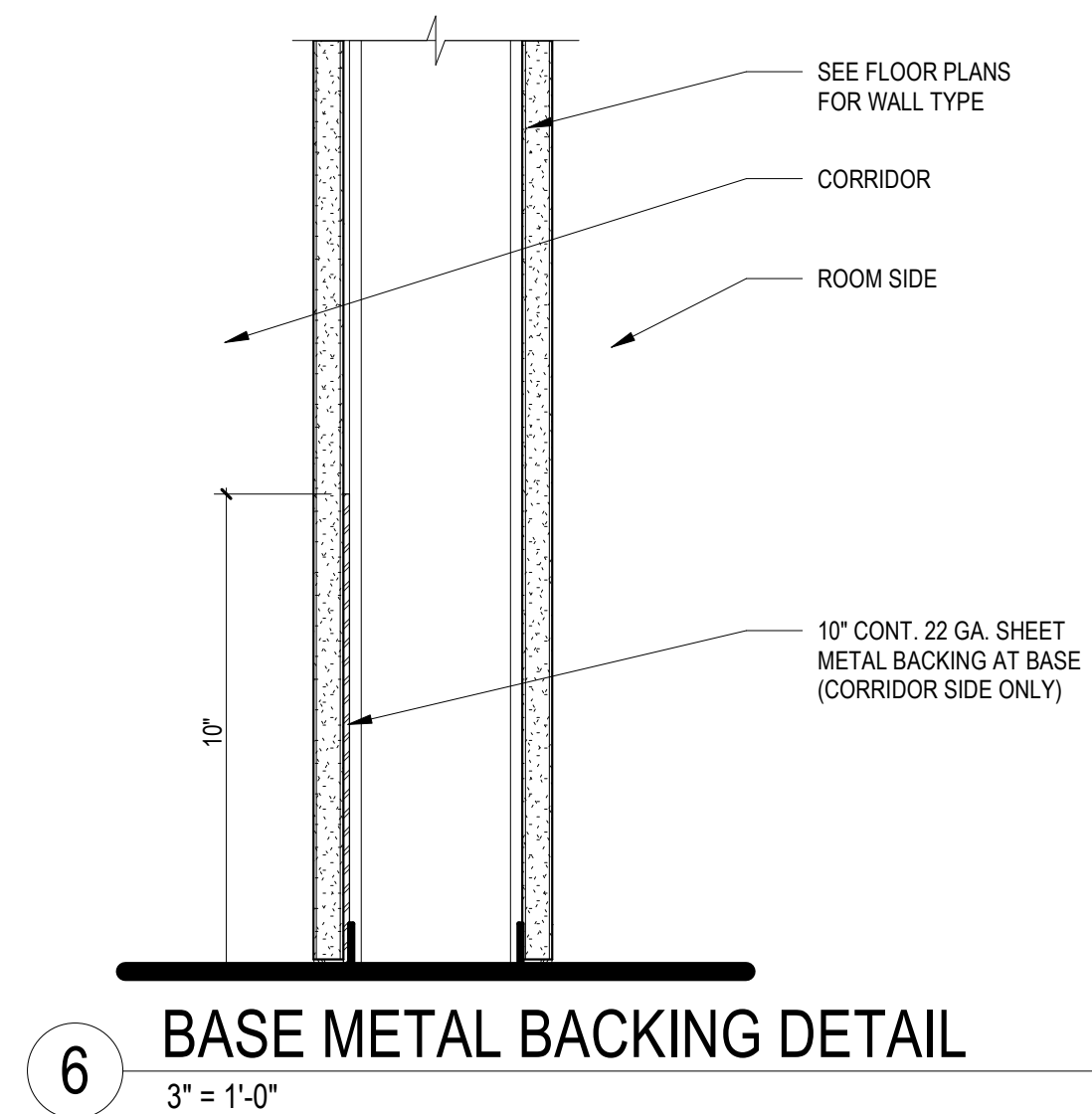
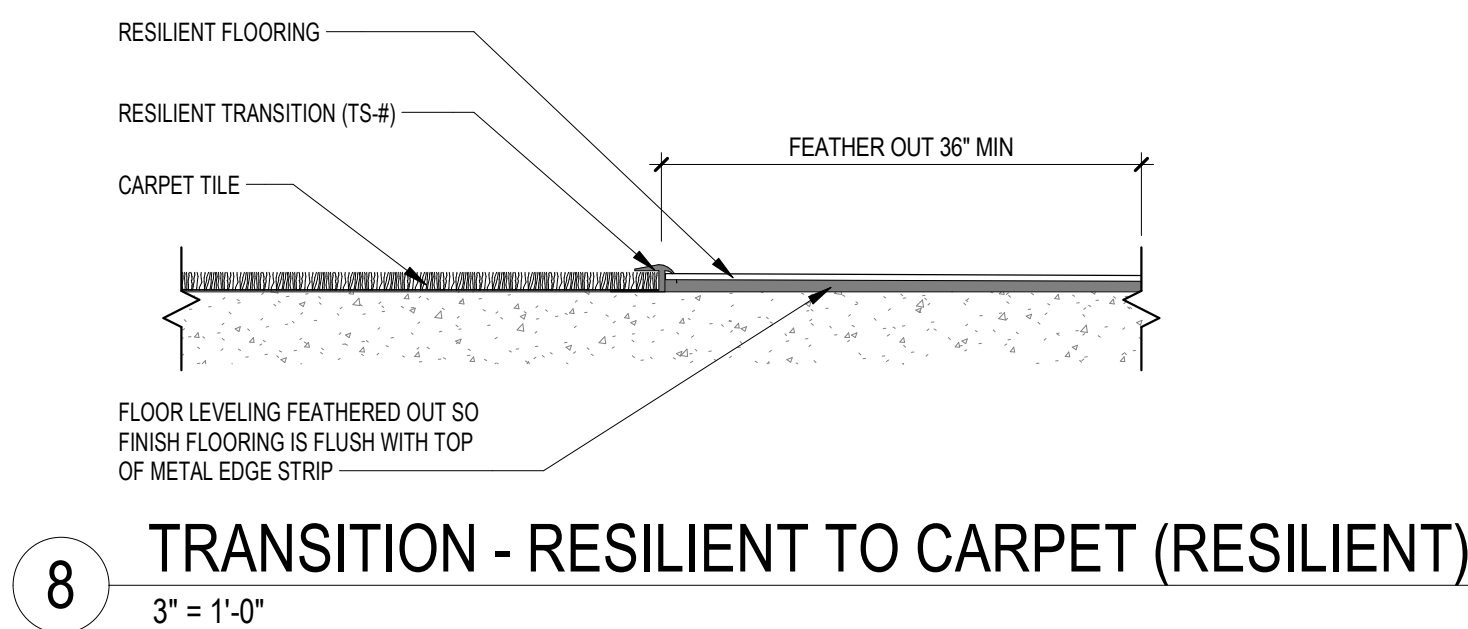
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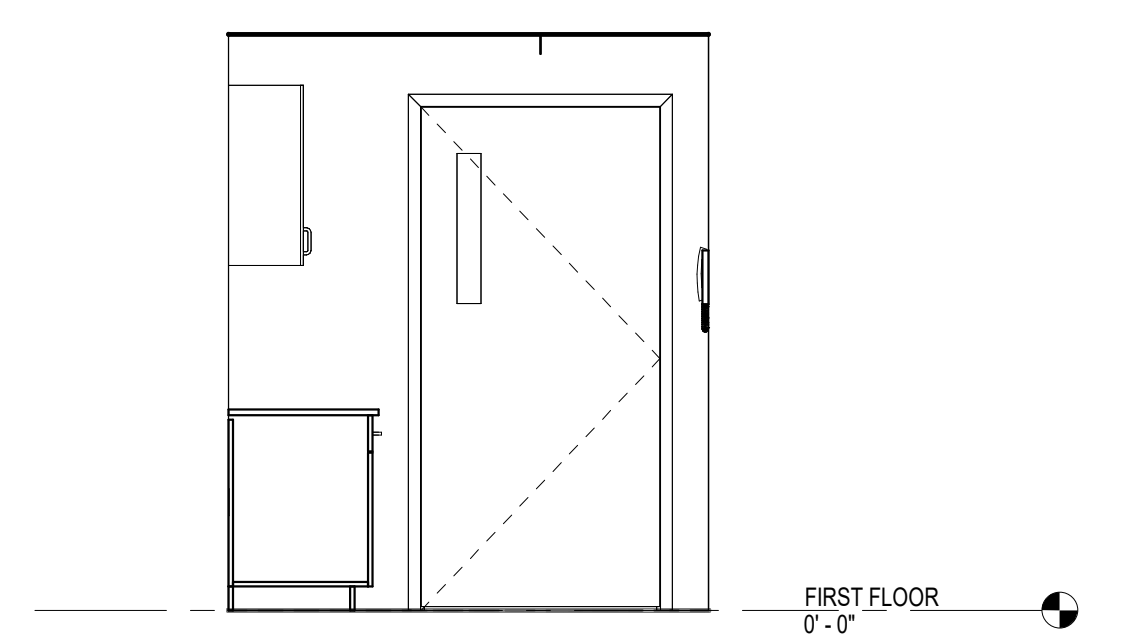
Building Number

5b

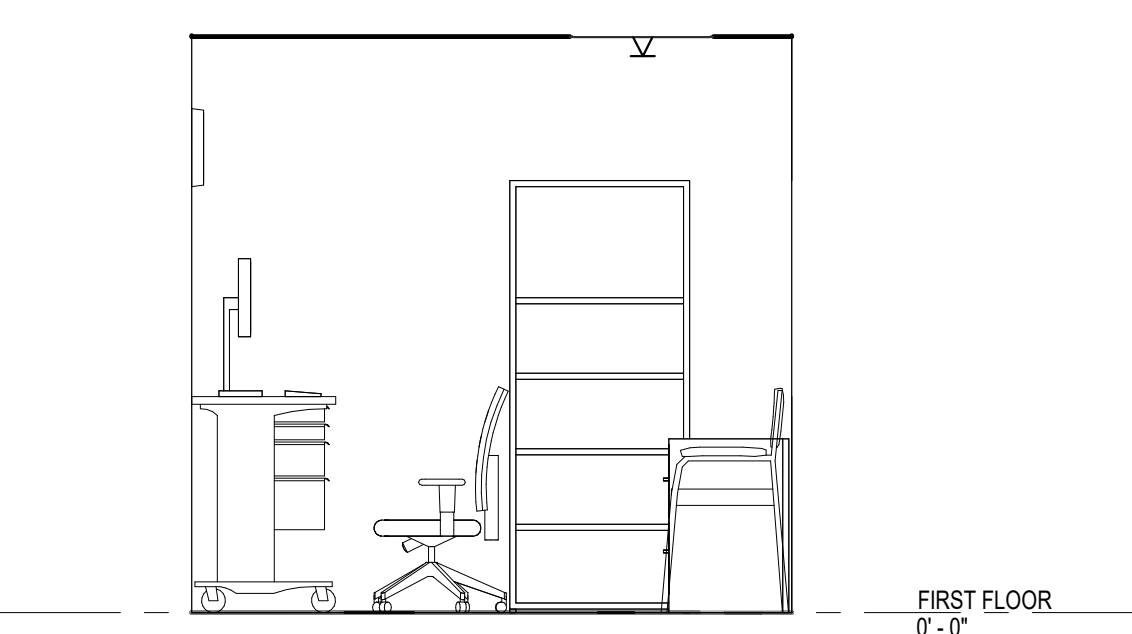
Drawing Number

AE801

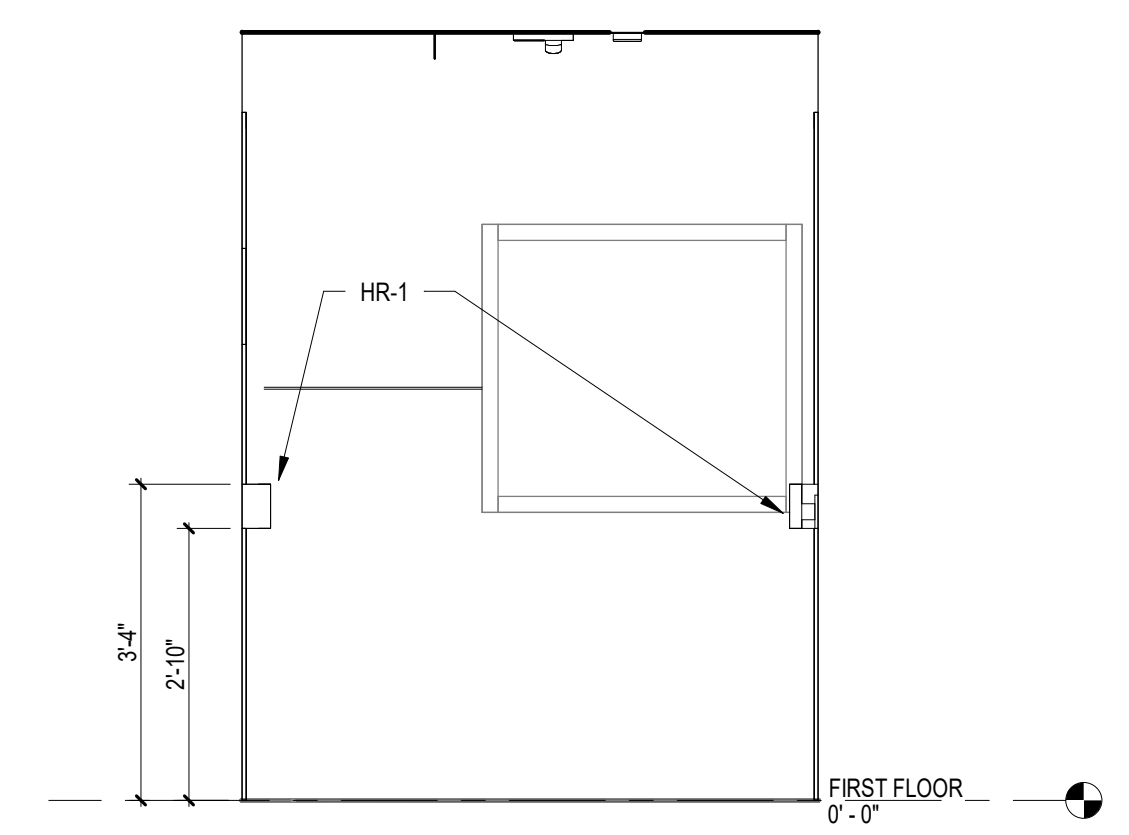
VA FORM 08-6231



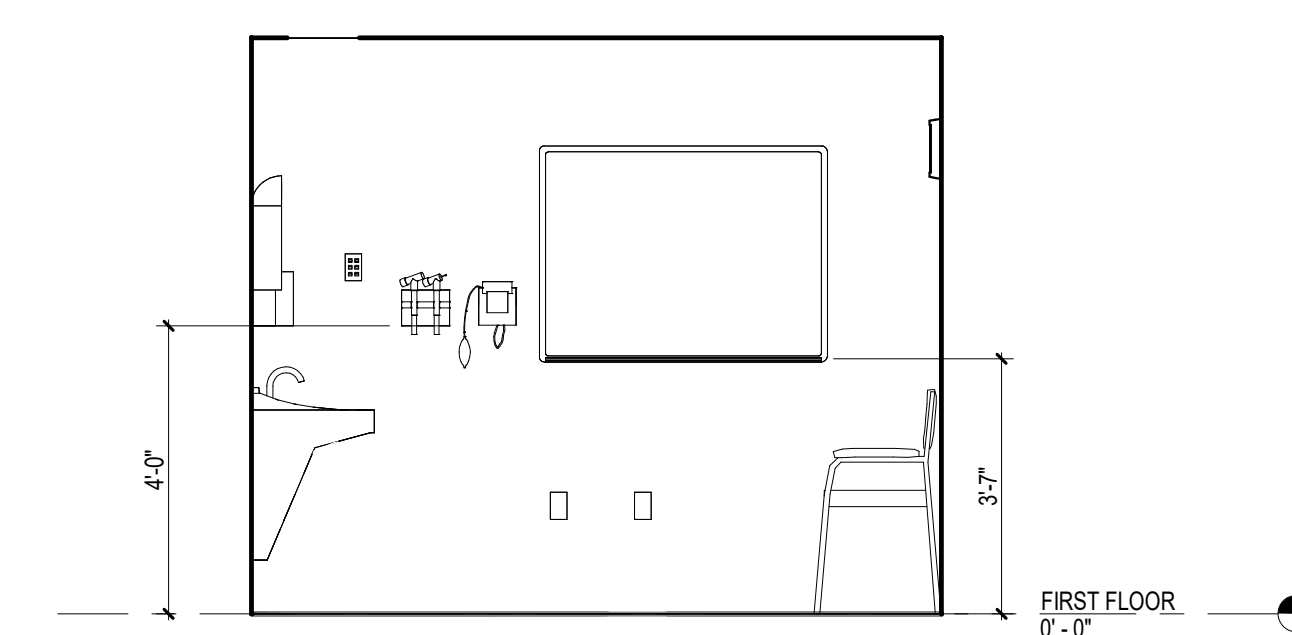
4 WORK ROOM ELEVATION - D
3/8" = 1'-0"



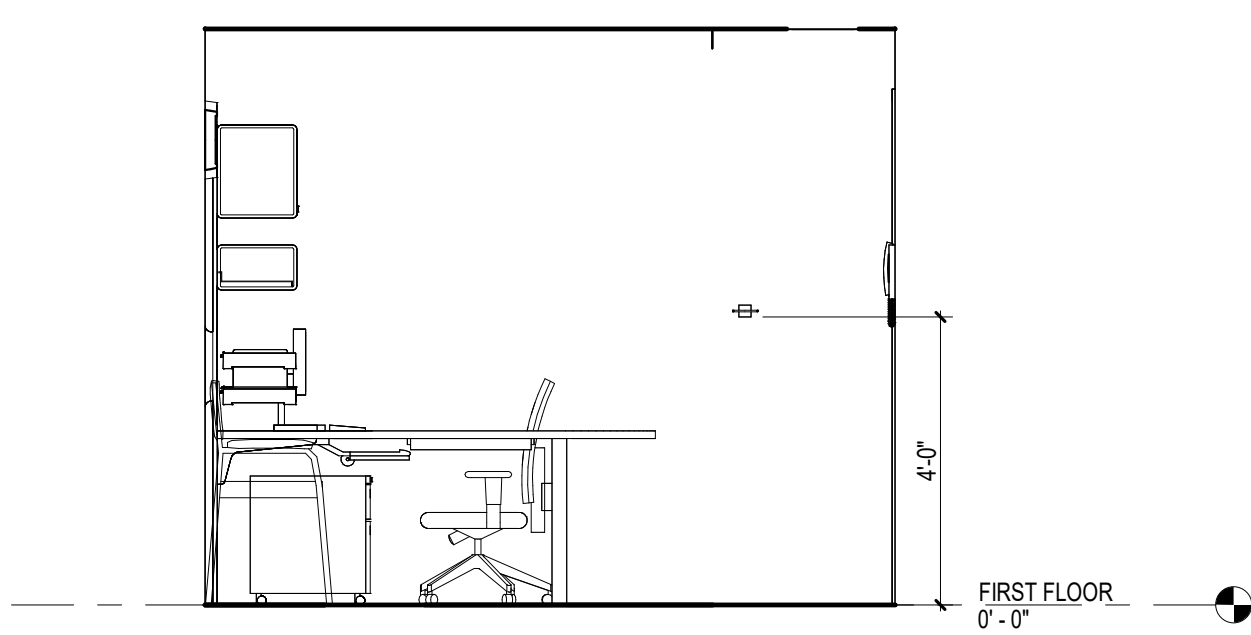
8 POLICE OFFICE ELEVATION - D
3/8" = 1'-0"



11 HALLWAY ELEVATION - C
1/2" = 1'-0"

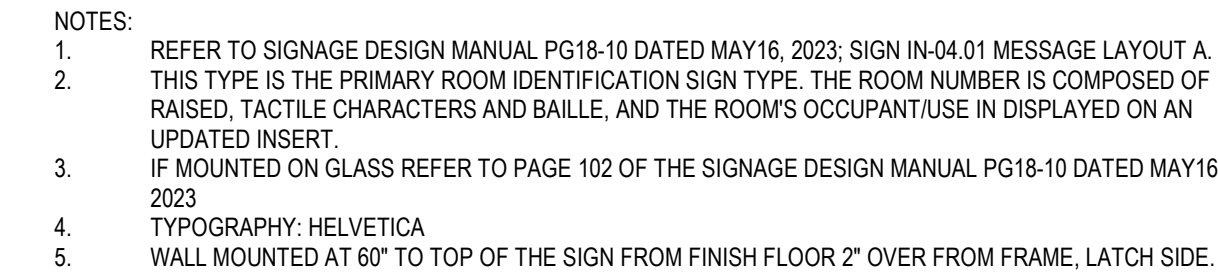


14 ELEVATION 1 - B
3/8" = 1'-0"



16 ELEVATION 1 - D
3/8" = 1'-0"

ARCHITECT/ENGINEER OF RECORD  Alesia Architecture P.C. 3705 North 200th Street Elkhorn, Nebraska 68022 Phone: (402) 291-6941  FARRIS ENGINEERING DESIGN • CONSTRUCTION • PROJECT • SERVICE FERRIS-USA.COM Farris Engineering 12700 W Dodge Rd. Omaha, NE 68154 Phone: (402) 330-5900		STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title INTERIOR ELEVATIONS Approved:	Phase CONTRACT DOCUMENTS FULLY SPRINKLERED	Project Title RENOVATE 5 & 5B FOR MENTAL HEALTH Location WICHITA, KS Issue Date 21 MAY 2024 Checked RJO Drawn UJM	Project Number 589A7-23-306 Building Number 5b Drawing Number AE905
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Technical drawing of the ADJ. SHELF. The drawing shows a side view and a top view. The side view indicates a height of 2'-00" and a depth of 4". The top view indicates a width of 1'-11". The drawing includes dimension lines and arrows pointing to the dimensions. A label "ADJ. SHELF" is present with a leader line pointing to the shelf.

A diagram of a rectangular object, possibly a wall or a panel, with a total height of 7'-0" and a width of 2'-6". The diagram shows a vertical line on the left with a dimension of 7'-0" and a horizontal line at the top with a dimension of 2'-6".

[illegible]

ALESIA
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VA U.S. Department
of Veterans Affairs

IN601

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS				CEILING MATERIAL	REMARKS
				NORTH	EAST	SOUTH	WEST		
157B-5	HALLWAY	LVT-1	RB-1	P-1	P-1	P-1	P-1	AT-1	
163-5	POLICE	CPT-1	RB-1	P-1	P-1	P-1	P-1	AT-1	
163-5	COPY WORK ROOM	LVT-1	RB-1	P-1	P-1	P-1	P-1	AT-1	
168A-5	EXAM OFFICE	WSF-1	WSF-1	P-1	P-2	P-1	P-1	AT-1	
168B-5	EXAM OFFICE	WSF-1	WSF-1	P-1	P-2	P-1	P-1	AT-1	
168C-5	EXAM OFFICE	WSF-1	WSF-1	P-1	P-1	P-1	P-2	AT-1	
168D-5	EXAM OFFICE	WSF-1	WSF-1	P-1	P-1	P-1	P-2	AT-1	

ROOM NO.	ROOM NAME	SIGN TYPE	MESSAGE					COMMENTS
			LINE 1	LINE 2	LINE 3	LINE 4	LINE 5	
FIRST FLOOR								
163-5	POLICE	IN-04.01	163-5	POLICE	OFFICE			
165-5	COPY WORK ROOM	IN-04.01	165-5	COPY	WORK	ROOM		
166A-5	EXAM OFFICE	IN-04.01	166A-5	EXAM	OFFICE			
166B-5	EXAM OFFICE	IN-04.01	166B-5	EXAM	OFFICE			
166C-5	EXAM OFFICE	IN-04.01	166C-5	EXAM	OFFICE			
166D-5	EXAM OFFICE	IN-04.01	166D-5	EXAM	OFFICE			

- 1 ANY FINISHES REQUIRED BUT NOT CALLED OUT IN THIS SCHEDULE SHALL BE APPROVED BY THE ARCHITECT OR COR
- 2 SEE FLOOR FINISH PLAN FOR EXTENT OF FLOOR PATTERNS FOR FIRST FLOOR
- 3 PROVIDE SHOP DRAWINGS SHOWING FLOOR PATTERN FINISHES AND SEAMS TO BE APPROVED BY COR AND ARCHITECT
- 4 PROVIDE SHOP DRAWINGS INDICATING ACCENT WALL LOCATIONS AS FURNITURE LAYOUT MAY CHANGE.
- 5 ALL CASEWORK TO BE PL-1 (PATTERN VERTICAL) BASE AND UPPER CABINETS, ALL BACKSPLASHES AND COUNTERTOPS TO BE S-1 (SOLID SURFACE).



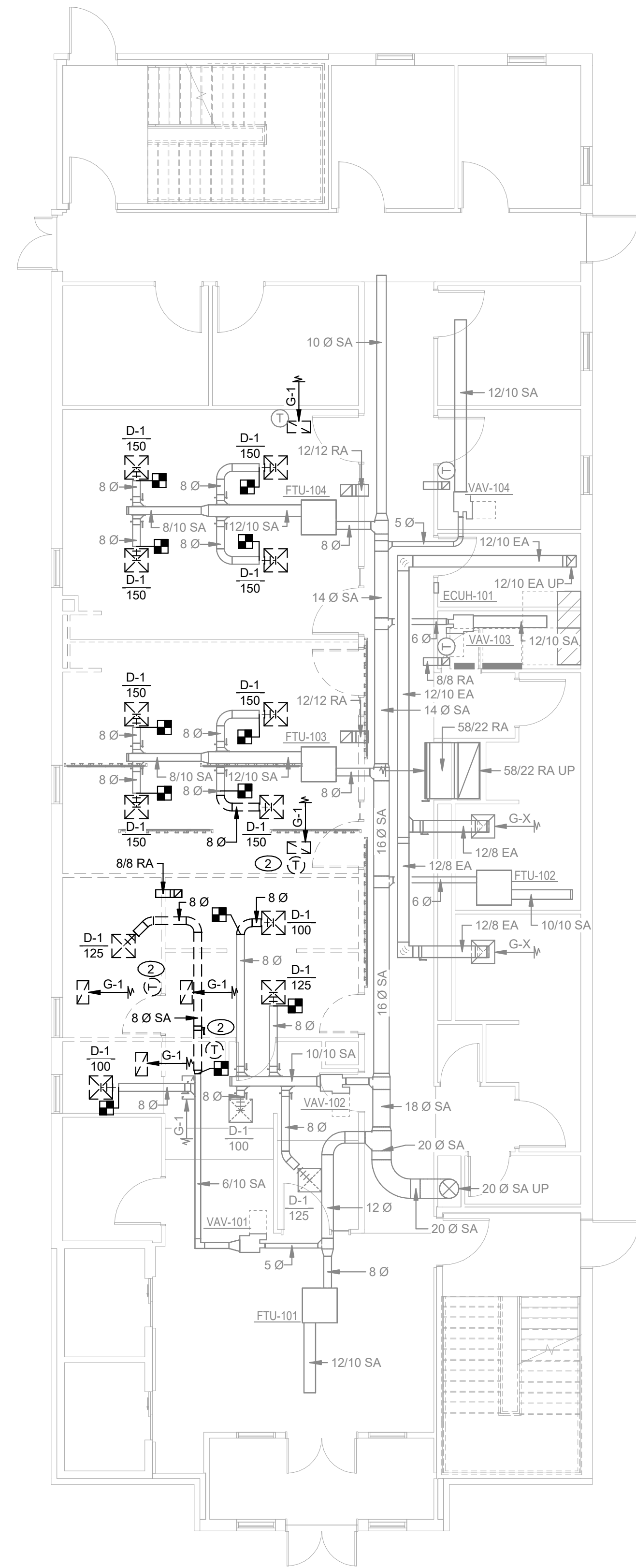
1 FIRST
1/4" = 1'-0"

[illegible]

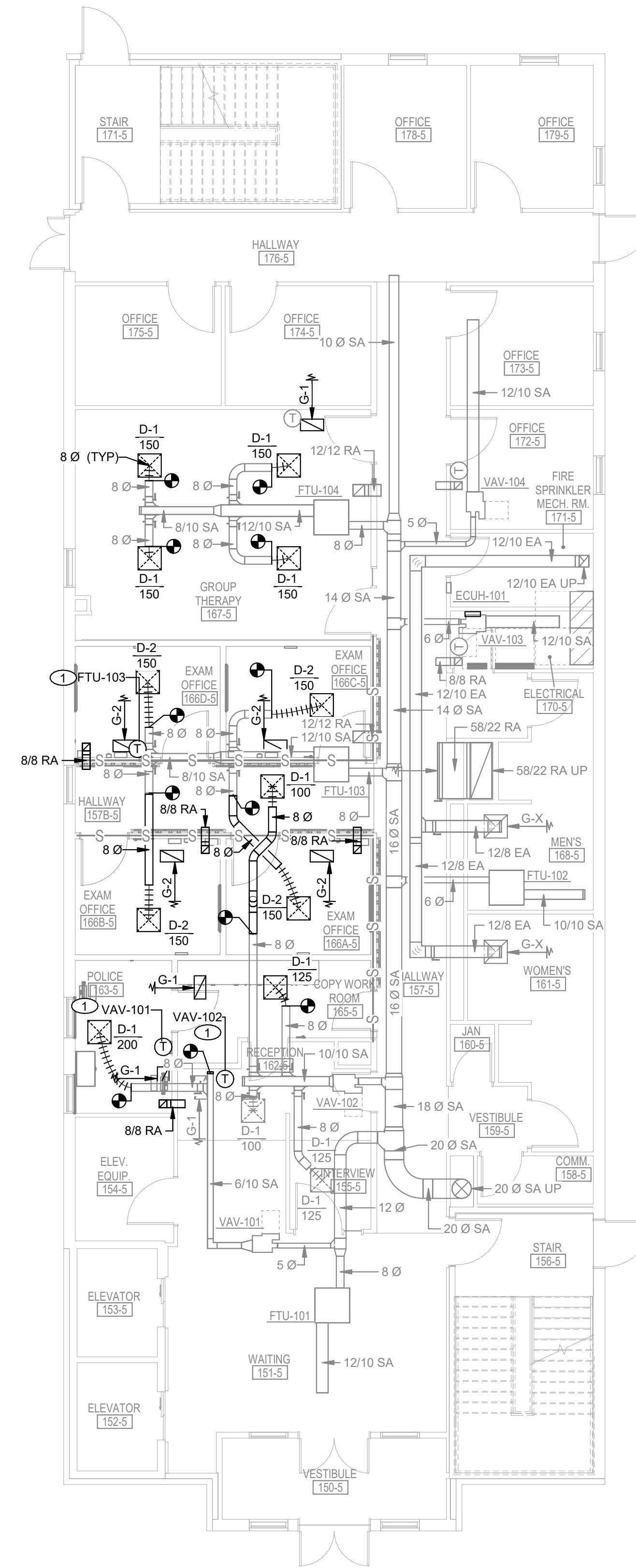
VA FORM 08 - 6231	1	2	3	4	5	6	7	8	9	10
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Y.	PIPING AND EXTERIOR WALL SURFACE.		
	PVC PIPING SHALL NOT BE INSTALLED IN ANY RETURN AIR PLENUM UNLESS THE PIPING IS INSTALLED IN A PRE-APPROVED RATED ASSEMBLY.		
Z.	COORDINATE DUCTWORK WITH STRUCTURAL CROSS BRACING, PROVIDE TOP AND BOTTOM BRIDGING BETWEEN JOISTS WHERE DUCTWORK IS TO BE INSTALLED BETWEEN THE JOISTS COORDINATE WITH ALL TRADES.		
			NOTICE: DO NOT SCALE DRAWINGS, VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING OR AT SITE. LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND COSTS. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL MECHANICAL / PLUMBING PLANS.

KEYNOTES	
1	INSTALL RELOCATED THERMOSTAT AT NEW LOCATION.
2	REMOVE EXISTING THERMOSTAT AND SAVE FOR RE-USE.



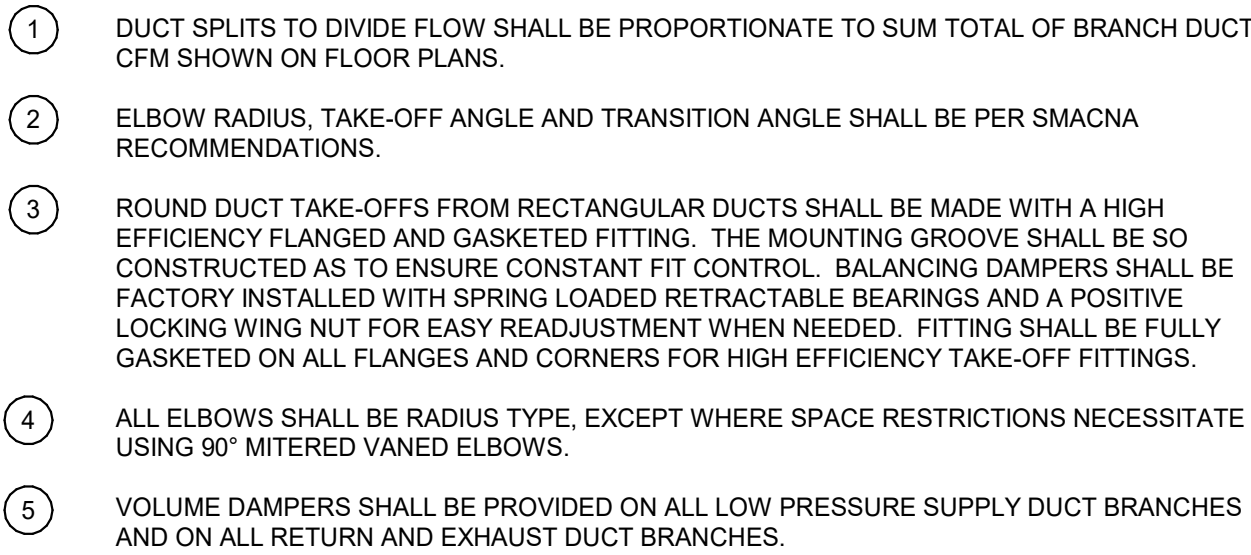
2 FIRST FLOOR MECHANICAL DEMOLITION PLAN
1/8" = 1'-0"



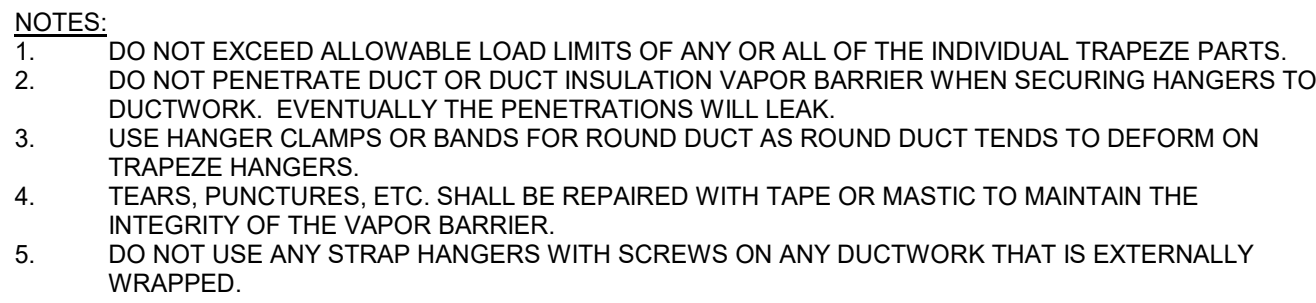
1 FIRST FLOOR HVAC PLAN
1/8" = 1'-0"

[illegible]

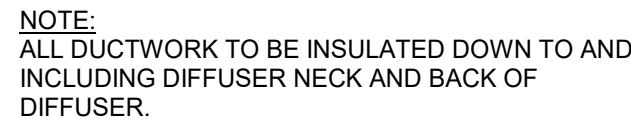
REMARKS:	PROVIDE SPECIFIC NOISE CRITERIA (NC) DATA FOR EACH LINE ITEM WITH SHOP DRAWINGS. COLOR SELECTED BY ARCHITECT. COORDINATE BORDER OR FRAME TYPE WITH ARCHITECTURAL REFLECTED CEILING PLAN. SEE TYPICAL LOW PRESSURE DUCT DETAIL AND DIFFUSER CONNECTION DETAIL FOR ADDITIONAL INFORMATION. PROVIDE REMOTE DAMPER ACTUATION IN HARD CEILINGS.
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NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

ARCHITECT/ENGINEER OF RECORD		
	Alesia Architecture P.C. 3705 North 200th Street Elkhorn, Nebraska 68022 Phone: (402) 291-6941	 FARRIS ENGINEERING (603) 1 (ARCH) (24) (603) 870-1047 www.farris.com
	BDH Engineering 440 Regency Parkway, Suite 135 Omaha, Nebraska 68114 Phone: (402) 981-5527	Farris Engineering 12700 W Dodge Rd, Omaha, NE 68154 Phone: (402) 330-5900



Phase	CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED

Project Number 589A7-23-306
Building Number 5b
Drawing Number M-501

PLUMBING					
—	PIPE REMOVAL	—NPOW=	NON-POTABLE COLD WATER	—P =	TRAP PRIMER
—	DOMESTIC COLD WATER	—NPHW=	NON-POTABLE HOT WATER	—HB	HOSE BIB
—DRW=	DOMESTIC HOT WATER	—NPSW=	NON-POTABLE SOFT WATER	—WH	WALL HYDRANT
—RHW=	DOMESTIC HOT WATER REGRIC.	—PD	PUMPED DISCHARGE	—RH	ROOF HYDRANT
—DSW=	DOMESTIC SOFT WATER	—G (X)G	NATURAL GAS (PSIG)	—CO	CLEAN OUT
—SAN=	SANITARY	—PG (X)G	PROPANE GAS (PSIG)	—FCO	FLOOR CLEAN OUT
—ST	STORM	—V	VENT	—FD	FLOOR DRAIN
—SO	STORM OVERFLOW	—AW	ACID WASTE	Y XTR	VENT THRU ROOF (X DENOTES IDENTIFICATION)
—GW	GREASE WASTE	—AV	ACID VENT	—RD	ROOF DRAIN
—CA	COMPRESSED AIR	—OSW	OIL/SAND	—ORD	OVERFLOW ROOF DRAIN
—PA	PROCESSED AIR	—IR	IRRIGATION	—DSN	DOWNSPOUT NOZZLE
MISCELLANEOUS					
	EQUIPMENT IDENTIFICATION TAG (ELECTRICAL CONNECTION REQUIRED)		NEW CONNECTION POINT	WC	WATER CLOSET
	DETAIL REFERENCE SHEET REFERENCE		POINT OF DISCONNECT	UR	URINAL
	SECTION OUT REFERENCE SHEET REFERENCE	OA	OUTSIDE AIR	LA	LAVATORY
	ELECTRICAL PANEL - SHOWN FOR COORDINATION PURPOSES ONLY	VA	VENTILATION AIR	S	SINK
	ELECTRIC WATER COOLER	EA	EXHAUST AIR	DF	DRINKING FOUNTAIN
	SERVICE SINK	RA	RELIEF OR RETURN AIR	EWC	ELECTRIC WATER COOLER
	SHOWER	SA	SUPPLY AIR	S	SINK
	DOMESTIC WATER HEATER	MA	MIXED AIR	SH	SHOWER
	MOP SINK BASIN	RF	RELIEF OR RETURN FAN	DWH	DOMESTIC WATER HEATER
	DASHED LINE NETWORK = DEMOLITION	EF	EXHAUST FAN	MSB	MOP SINK BASIN
	LIGHT NETWORK = EXISTING	DCE	DUST COLLECTION EXHAUST	(E)	EXISTING DARK LINEWORK = NEW
	DARK LINEWORK = NEW	(TVP)	TYPICAL		

APPLY TO ALL MECHANICAL AND PLUMBING SHEETS

- ## GENERAL PLUMBING NOTES

APPLY TO ALL PLUMBING SHEETS

- NOTICE:**
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SHOP AND OTHER APPROPRIATE DRAWINGS OR AT SITE. LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND CODES. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL MECHANICAL / PLUMBING PLANS.

ENGINEER OF RECORD  FARRIS ENGINEERING DESIGN • CONSTRUCTION • MAINTENANCE • LOGISTICS 801-454-5001		STAMP 	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs
Attention: P.C. 5th Street Omaha 68102 402-330-5900 402-330-5900	Farris Engineering 12700 W Dodge Rd, Omaha, NE 68154 Phone: (402) 330-5900	PE29514 5/21/2024	

VA FORM 08-6231										
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PLUMBING FIXTURE CONNECTION SCHEDULE							
MARK	FIXTURE	TYPE	MINIMUM CONNECTION SIZE				NOTES
			WASTE	VENT	HOT WATER	COLD WATER	
L-1	LAVATORY (WALL MOUNT)	WALL HUNG	1 1/4"	1 1/4"	1/2"	1/2"	1,2

PLUMBING FIXTURE GENERAL NOTES

A. PLUMBING FIXTURES SHALL BE OF ONE OF THE MANUFACTURER'S INDICATED AND IN ACCORDANCE WITH THE INFORMATION AND MANUFACTURER'S CATALOG NUMBERS INDICATED. WHERE MANUFACTURER'S CATALOG NUMBERS HAVE BEEN UPDATED OR DELETED, FIXTURES SHALL BE OF SIMILAR CONFIGURATION AND OF SIMILAR OR BETTER QUALITY THAN THAT INDICATED.

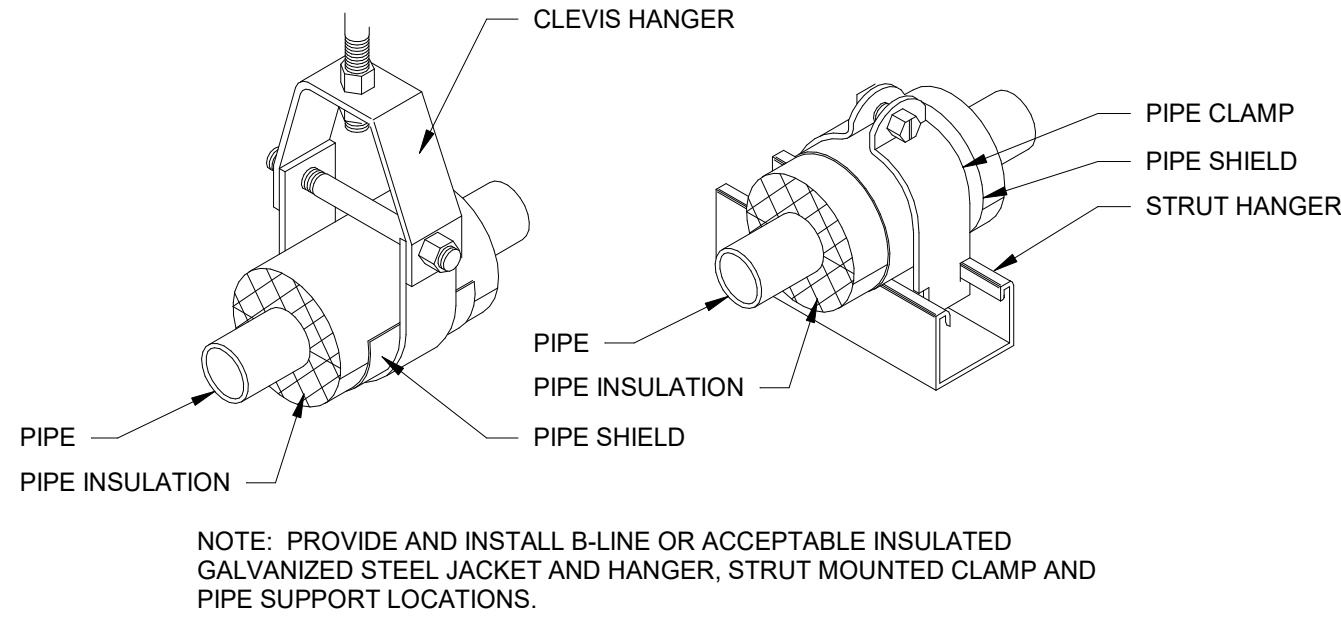
B. VERIFY ALL MOUNTING HEIGHTS OF PLUMBING FIXTURES PRIOR TO ORDERING EQUIPMENT. MOUNTING HEIGHTS SHALL BE AS INDICATED ON ARCHITECTURAL DRAWINGS AND COMPLY WITH ADA REQUIREMENTS.

C. VERIFY FIXTURE COLORS WITH ARCHITECT PRIOR TO ORDERING EQUIPMENT.

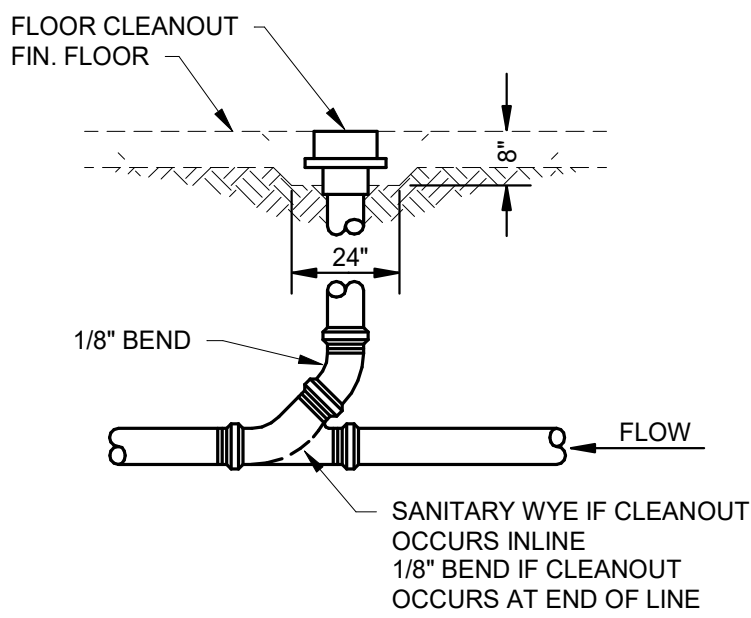
D. FOR ALL COUNTERTOP SINKS, CONTRACTOR SHALL COORDINATE WITH CABINET WORK TO INSURE THAT THE SINK WILL FIT IN CABINET PRIOR TO ORDERING FIXTURE.

E. FIXTURE DRAWINGS DEPICTED MAY NOT NECESSARILY BE AN ACCURATE DEPICTION OF ACTUAL MODELS DUE TO RECENT PRODUCT UPDATES.

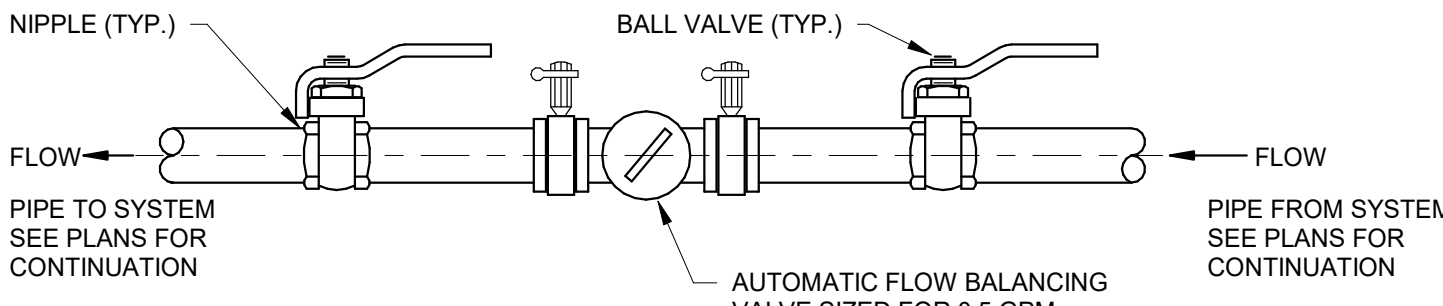
F. ALL FIXTURE STOPS SHALL BE LOOSE KEY.



1 PIPE SUPPORT INSULATION DETAIL
NOT TO SCALE



2 FLOOR CLEANOUT DETAIL (FCO)
NOT TO SCALE



3 BALANCE VALVE DETAIL
12" = 1'-0"



LAVATORY: L-1
(MOUNT @ A.D.A. HEIGHT)

FIXTURE
20" x 18" SIZE, VITREOUS CHINA, WALL HUNG LAVATORY (COMPLIES WITH ADA) WITH BACK, PUNCHED FOR CONCEALED ARM CARRIER, ANTI-SPLASH RIM AND FRONT OVERFLOW.
AMERICAN STANDARD "LUCERNE" 0355.012.
KOHLER "KINGSTON" K-2005.

TRIM
CHROME FINISHED COMBINATION FITTING WITH 4" WRIST BLADE HANDLES, 8" GOOSENECK RIGID/SWING SPOUT, 6-1/8" OUTLET HEIGHT, 1.5 GPM FLOW RESTRICTOR AND NON-AERATED LAMINAR FLOW. 3-HOLE INSTALLATION.
CHICAGO FAUCET 786-GN8A.

COMPLETE WITH SOLID BRASS STOPS WITH ALL BRASS STEMS AND CHLORAMINE-CHLORINE RESISTANT WASHERS. CHLORAMINE-CHLORINE RESISTANT BRAIDED STAINLESS STEEL OR POLYMER FLEXIBLE CONNECTORS. CAST BRASS SOLID TOP OPEN GRID P.O. PLUG WITH 6" 17 GAUGE TAILPIECE WITH CAST BRASS LOCKNUT. HEAVY CAST BRASS ADJUSTABLE P-TRAP WITH 17 GA TUBULAR WALL BEND AND BRASS SLIP NUTS. (ALL BRASS MATERIALS SHALL BE CHROME PLATED)

PROVIDE TRUEBRO "LAV-GUARD" MODEL #103.
PROVIDE TRUEBRO "LAV-GUARD" MODEL #103K

CARRIER
FOR STUD WALL CONSTRUCTION:
FLOOR-MOUNT, SINGLE LAVATORY CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, STRUCTURAL UPRIGHTS AND BLOCK BASES.
SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
VERIFY WALL THICKNESS PRIOR TO ORDERING CARRIER(S).

ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
ALESIA ARCHITECTURE		FARRIS ENGINEERING		Office of Construction and Facilities Management		PLUMBING DETAILS AND SCHEDULES		CONSTRUCTION DOCUMENTS		RENOVATE 5 &5B FOR MENTAL HEALTH		589A7-23-306	
BDH ENGINEERING				U.S. Department of Veterans Affairs		Approved:		FULLY SPRINKLERED		Location WICHITA, KS		Building Number 5b	
Mark		Revisions:		Date:						Issue Date 21 MAY 2024		Checked BDH	
										Drawn CAE		Drawing Number P-501	



1 TYPICAL DEVICE MOUNTING HEIGHT DETAIL
NOT TO SCALE

ELECTRICAL SYMBOLS LEGEND (AS APPLICABLE)			
SWITCHING			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
S1	SINGLE POLE SWITCH - LETTER INDICATES SWITCH LEG	ST	TIMER SWITCH
S2	DOUBLE POLE SWITCH	SS	SENSOR SWITCH - WALL MOUNTED; SEE LIGHTING CONTROL SCHEME NARRATIVE FOR TYPE
S3	THREE-WAY SWITCH	SSD	SENSOR SWITCH - WITH DIMMING - WALL MOUNTED; SEE LIGHTING CONTROL SCHEME NARRATIVE FOR TYPE
S4	FOUR-WAY SWITCH	SS#	SENSOR - CEILING MOUNTED; SEE LIGHTING CONTROL SCHEME NARRATIVE FOR TYPE
SD	DIMMER SWITCH	SS#	SENSOR - WALL MOUNTED; SEE LIGHTING CONTROL SCHEME NARRATIVE FOR TYPE
SH	HORSEPOWER RATED SWITCH	DS#	DAYLIGHTING SENSOR - CEILING MOUNTED
SF	FUSED SWITCH		
STE	THERMAL ELEMENT		
SM	MOMENTARY CONTACT SWITCH		
SK	KEY OPERATED SWITCH		
SP	PILOT LIGHT SWITCH		
LIGHTING			
LETTER INDICATES LUMINAIRE MARK, NUMBER INDICATES ZONE IDENTIFIER, NO NUMBER INDICATES SINGLE ZONE			
	LUMINAIRE		WALL MOUNTED LUMINAIRE
	LUMINAIRE - EMERGENCY		WALL MOUNTED LUMINAIRE - EMERGENCY
	LUMINAIRE - NIGHT LIGHT		WALL MOUNTED LUMINAIRE - NIGHT LIGHT
	WALL MOUNTED LUMINAIRE		EXIT SIGN - WALL/CEILING MOUNTED (SHADING DENOTES EXIT FACE SIDE)
	WALL MOUNTED LUMINAIRE - EMERGENCY		EXIT SIGN/EMERGENCY LUMINAIRE COMBINATION
	WALL MOUNTED LUMINAIRE - NIGHT LIGHT		WALL/CEILING MOUNTED
	STRIP LUMINAIRE		PHOTOCELL DAYLIGHT SENSOR
	STRIP LUMINAIRE - EMERGENCY		EXTERIOR LUMINAIRE - POLE MOUNTED
	STRIP LUMINAIRE - NIGHT LIGHT		EXTERIOR LUMINAIRE - POLE MOUNTED
	LUMINAIRE		EXTERIOR LUMINAIRE - POLE MOUNTED
	LUMINAIRE - EMERGENCY		FLOOD LIGHT LUMINAIRE
	LUMINAIRE - NIGHT LIGHT		EMERGENCY BATTERY PACK
			EMERGENCY LUMINAIRE REMOTE HEADS
			TRACK LUMINAIRE
POWER DEVICES			
	SINGLE RECEPTACLE		LIGHTING & APPLIANCE PANELBOARD
	DUPLEX RECEPTACLE		POWER DISTRIBUTION EQUIPMENT
	FOUR-DUPLEX RECEPTACLE - TWO DUPLEX RECEPTACLES		TRANSFORMER
	RANGE RECEPTACLE		ENCLOSED CIRCUIT BREAKER
	SPECIAL RECEPTACLE		CABINET (TYPE INDICATED)
	SPECIAL RECEPTACLE - CEILING MOUNTED		MOTOR STARTER, LIGHTING CONTACTOR
	DUPLEX RECEPTACLE - GROUND-FAULT CIRCUIT-INTERRUPTER		SAFETY SWITCH
	DUPLEX RECEPTACLE - ISOLATED GROUND		COMBINATION MOTOR STARTER & SAFETY SWITCH
	DUPLEX RECEPTACLE - WEATHER-RESISTANT GROUND-FAULT CIRCUIT-INTERRUPTER		MOTOR
	DUPLEX RECEPTACLE - ON APPLIANCE CIRCUIT		CORD DROP (J-BOX AT CEILING)
	DUPLEX RECEPTACLE - TAMPER-RESISTANT		CORD DROP (SPECIAL RECEPTACLE AT CEILING)
	DUPLEX RECEPTACLE - ARC-FAULT RATED		MULTI-OUTLET ASSEMBLY
	DUPLEX RECEPTACLE - WITH USB PORTS		FLUSH FLOOR BOX
	DUPLEX RECEPTACLE - EMERGENCY (RED)		FLUSH POKE-THRU
	DUPLEX RECEPTACLE - CEILING MOUNTED		DAMPER
	DUPLEX RECEPTACLE - SPLIT-WIRE/PLUG LOAD CONTROLLED		SOLENOID
	JUNCTION BOX		
RACEWAYS			
	HOME RUN TO PANEL		TELEPHONE CONDUIT
	UNSWITCHED LIGHTING CIRCUIT		CONDUIT UP
	MASTER SATELLITE FIXTURE CONNECTION		CONDUIT DOWN
	INDICATES EMPTY OUTLET BOX, BLANK PLATE, AND CONDUIT.		CONDUIT SEAL
	NIGHT LIGHTING CIRCUIT		CABLE TRAY
	SOUND SYSTEM RACEWAY		CONDUIT SLEEVE (NUMBER INDICATES SIZE)
MISCELLANEOUS			
	EQUIPMENT IDENTIFICATION TAG		NON-FUSED
	DETAIL REFERENCE		WP
	SHEET REFERENCE		WG
	FACP		XP
	FAMP		303/103R
	HCA		MANUFACTURER'S RECOMMENDATION
	CCT		AL
	PART. CCT.		LIGHT LINEWORK = EXISTING
	ABOVE FINISHED FLOOR		DARK DASHED LINEWORK = DEMOLITION
			DARK LINEWORK = NEW
COMMUNICATIONS			
	TELEPHONE OUTLET - WALL MOUNTED		TELEPHONE CABINET
	TELEPHONE OUTLET BOX		CLOCK HANGER OUTLET
	DATA OUTLET BOX		CLOCK - WALL MOUNTED
	PHONE OUTLET BOX - CEILING MOUNTED		CLOCK - CEILING MOUNTED (DOUBLE FACE)
	DATA OUTLET BOX - CEILING MOUNTED		CLASSROOM CLOCK & SPEAKER
	WIRELESS ACCESS POINT - CEILING MOUNTED		INTERCOM CALL SWITCH
	COMBINATION TELEPHONE/DATA OUTLET BOX - ONE JACK EACH		INTERCOM ADMINISTRATION STATION (LETTER INDICATES TYPE)
	DATA OUTLET BOX - BLANK PLATE, 1" CONDUIT		INTERCOM CLASSROOM/STAFF STATION (LETTER INDICATES TYPE)
	MICROPHONE OUTLET (NUMBER INDICATES QUANTITY)		AUDIO/VISUAL AUXILIARY OUTLET (LETTER INDICATES TYPE)
	MICROPHONE OUTLET - WALL MOUNTED (NUMBER INDICATES QUANTITY)		T.V. ANTENNA OUTLET
	LINE INPUT OUTLET (NUMBER INDICATES QUANTITY)		INTERCOMPAGING VOLUME CONTROL
	LINE INPUT OUTLET - WALL MOUNTED (NUMBER INDICATES QUANTITY)		SOUND SYSTEM VOLUME CONTROL
	INTERCOMPAGING SPEAKER - CEILING MOUNTED		DOOR INTERCOM
	INTERCOMPAGING SPEAKER - WALL MOUNTED		GROUND BAR
	INTERCOMPAGING SPEAKER HORN - WALL MOUNTED		PROJECTOR INPUT STATION - LETTER INDICATES TYPE
	SOUND SYSTEM SPEAKER - CEILING MOUNTED		PROJECTOR CONTROL STATION
	SOUND SYSTEM SPEAKER - WALL MOUNTED		
	PROGRAM BELL		
SECURITY			
	PUSHBUTTON STATION		KEYPAD
	PUSHBUTTON STATION, 1" INDICATES PILOT		ELECTRIC STRIKE
	DOOR MONITOR SWITCH		CARD READER
	DOOR SWITCH		POWER SUPPLY
	DOOR BELL CHIME/BUZZER		REQUEST TO EXIT
	DOOR CONTACT		MAGNETIC LOCK
	SECURITY CAMERA		DOOR ACTUATOR
	MOTION DETECTOR		
NURSE CALL			
	NURSE CALL DOME LIGHT EMERGENCY CALLS ONLY		DOUBLE BED NURSE CALL STATION (2 CORD SETS)
	NURSE CALL DOME LIGHT EMERGENCY/NORMAL CALLS		NURSE CALL ANNUNCIATOR & POWER SUPPLY
	EMERGENCY CALL SWITCH		NURSE CALL DUTY STATION
	CODE BLUE STATION		NURSE CALL STAFF STATION
	SINGLE BED NURSE CALL STATION (1 CORD SET)		CODE BLUE/STAFF ASSIST STATION
	STAFF ASSIST STATION		

GENERAL ELECTRICAL DEMOLITION NOTES

APPLY TO ALL ELECTRICAL SHEETS

- COMPLETELY REMOVE ALL ELECTRICAL WIRING, CONDUIT, SWITCHES, DISCONNECTS, LUMINAIRES, AND ASSOCIATED ANCILLARY EQUIPMENT INDICATED BY BOLD, DASHED LINES OR IDENTIFIED BY NOTES. ITEMS INDICATED FOR REMOVAL ARE ONLY SUGGESTIVE OF THE AMOUNT OF DEMOLITION WORK INVOLVED. PERFORM A SITE INVESTIGATION TO AID IN DETERMINING THE COMPLETE EXTENT OF DEMOLITION WORK.
- COORDINATE AND SCHEDULE ALL NECESSARY POWER OUTAGES WITH THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH SUCH WORK SO OPERATIONS IN ADJACENT OCCUPIED PORTIONS OF THE BUILDING ARE NOT INTERRUPTED OR RESTRICTED WITHOUT PRIOR APPROVAL.
- REMOVE ALL EXISTING BRANCH CIRCUITS INDICATED AS COMPLETELY AS POSSIBLE. REMOVE EXISTING CONDUCTORS COMPLETELY FROM THEIR RACEWAYS AND DO NOT REUSE EXCEPT WHERE SPECIFICALLY INDICATED. WHERE AN EXISTING DEVICE IS REMOVED FROM AN EXISTING CIRCUIT, PROVIDE NEW WIRING AND MAINTAIN CONTINUITY OF EXISTING CIRCUIT.
- REMOVE EXISTING LUMINAIRES, LAMPS, BALLASTS, AND RELATED COMPONENTS INDICATED AS COMPLETELY AS POSSIBLE. DELIVER EQUIPMENT CONSIDERED SALVAGEABLE BY THE OWNER'S REPRESENTATIVE AND NOT SHOWN FOR REUSE TO THE OWNER'S STORAGE LOCATION. REMOVE NON-SALVAGEABLE EQUIPMENT FROM THE SITE. PROPERLY DISPOSE OF LAMPS AND BALLASTS CONSIDERED HAZARDOUS WASTE.
- REMOVE EXISTING SURFACE MOUNTED BOXES, CONDUIT, SURFACE METAL RACEWAY, WIREWAY, ETC. INDICATED AS COMPLETELY AS POSSIBLE. PATCH ABANDONED PENETRATIONS FROM REMOVED FASTENERS. ABANDON IN PLACE NON-ACCESSIBLE BOXES SHOWN REMOVED AND COVER WITH STAINLESS STEEL COVER PLATES. ABANDON IN PLACE NON-ACCESSIBLE CONDUIT SHOWN REMOVED AND CAP OFF IN A SUITABLE MANNER PER LOCAL INSPECTOR'S REQUIREMENTS. CHISEL RACEWAYS STUBBED FROM A CONCRETE FLOOR OR WALL 2 INCHES BELOW ADJACENT SURFACE, GROUT, AND SCRED.
- COORDINATE REUSED EXISTING BOX AND CONDUIT LOCATIONS WITH NEW WORK LOCATIONS.
- REMOVE ELECTRICAL WORK AT ALL MECHANICAL EQUIPMENT SHOWN REMOVED. COORDINATE EQUIPMENT REMOVAL LOCATIONS WITH MECHANICAL DRAWINGS.

GENERAL ELECTRICAL NOTES

APPLY TO ALL ELECTRICAL SHEETS

- MOUNTING HEIGHTS INDICATED ARE TO CENTER OF ROUGH-IN ABOVE FINISHED FLOOR (AFF).
- INSTALL ALL CONDUCTORS IN CONTINUOUS RACEWAY. PROVIDE INSULATED EQUIPMENT GROUNDING CONDUCTOR.
- PROVIDE DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT PHASE CONDUCTOR. EXCEPTION: WHERE AN EQUIPMENT MANUFACTURER REQUIRES A MULTIWIRE BRANCH CIRCUIT FOR ONLY ONE UTILIZATION EQUIPMENT AND WHERE ALL UNGROUNDED CONDUCTORS OF THAT CIRCUIT ARE OPENED SIMULTANEOUSLY BY THE BRANCH CIRCUIT OVERCURRENT DEVICE.
- CONCEAL ALL CONDUITS IN NEW WALLS, EXISTING STUD WALLS, OR ABOVE SUSPENDED CEILINGS.
- WHERE CONDUIT CANNOT BE CONCEALED IN EXISTING WALL OR CEILING CAVITIES, INSTALL CONDUITS IN SURFACE METAL RACEWAYS, SURFACE CONDUIT OR METAL SURFACE RACEWAY AT ENGINEER'S DISCRETION.
- PAINT SURFACE CONDUIT IN FINISHED AREAS, WHEN ALLOWED, TO MATCH SURROUNDING SURFACES. COORDINATE FINISHES WITH ARCHITECT.
- METAL SURFACE RACEWAYS SHALL BE WIREMOLD #V500, #V700, OR #V2400 SERIES WITH FACTORY IVORY FINISH OR APPROVED EQUIVALENT. METAL SURFACE RACEWAYS FOR TELEVISION CABLE SHALL BE WIREMOLD #V700 OR LARGER. METAL SURFACE RACEWAYS FOR TELECOMMUNICATIONS CABLES SHALL BE #V2400 OR LARGER. COMPLY WITH EIA/TIA STANDARDS FOR CABLE BENDING RADII.
- INSTALL EXPOSED OR CONCEALED RACEWAY NEAR METAL CORRUGATED SHEET ROOF DECKING SO NEAREST OUTER RACEWAY SURFACE IS NOT LESS THAN 6 INCHES FROM THE NEAREST SURFACE OF THE ROOF DECKING. EXCEPTION: RIGID METAL CONDUIT AND INTERMEDIATE METAL CONDUIT SHALL NOT BE REQUIRED TO MAINTAIN THIS CLEARANCE.
- PATCH, PAINT, REPAIR OR REPLACE ALL WALLS, CEILINGS, OR OTHER BUILDING ELEMENTS DISTURBED DURING INSTALLATION OF ELECTRICAL WORK.
- USE ROOM NUMBERS ASSIGNED BY OWNER AND NOT ROOM NUMBERS LISTED ON DRAWINGS FOR LABELING OF PANELBOARD DIRECTORIES, FIRE ALARM PANEL PROGRAMMING, ETC. INCLUDE A DESCRIPTION OF LOAD SUCH AS LIGHTS, RECEPTACLES, MECHANICAL UNIT LOCATIONS, ETC. ON TYPED PANELBOARD DIRECTORIES.
- LOCATIONS AND QUANTITIES OF OCCUPANCY SENSORS ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE ROOM/AREA CONTROLLED BY THE SENSORS. PROVIDE ADDITIONAL SENSORS AND RELATED EQUIPMENT FOR COMPLETE COVERAGE AND SWITCHING ARRANGEMENTS INDICATED.
- REFER TO MECHANICAL/ELECTRICAL COORDINATION SCHEDULE SHEET M-501 FOR ADDITIONAL REQUIREMENTS ON DISCONNECTS, MOTOR STARTERS, ETC.
- COORDINATE LOCATION OF RECESSED LUMINAIRES, SPEAKERS, ETC. WITH FIRE RATED CEILINGS. PROVIDE ENCLOSURES TO MAINTAIN THE FIRE INTEGRITY RATING OF THE CEILING. COORDINATE EXACT LOCATIONS OF FIRE RATED CEILINGS WITH ARCHITECTURAL DRAWINGS.
- PROVIDE MULTIPLE WIRING CONNECTIONS AT EMERGENCY LUMINAIRES WITH EMERGENCY RELAY SUCH AS: NORMAL POWER UNSWITCHED FOR SENSING, NORMAL POWER SWITCHED, AND EMERGENCY POWER UNSWITCHED. UPON NORMAL POWER FAILURE, FORCE THE EMERGENCY LUMINAIRE TO FULL ILLUMINATION VIA THE EMERGENCY RELAY UNSWITCHED EMERGENCY POWER CIRCUIT.

NOTICE:
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SHOP AND OTHER APPROPRIATE DRAWINGS OR AT SITE. LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND CODES. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL ELECTRICAL PLANS.

ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title ELECTRICAL SYMBOLS LEGEND AND GENERAL NOTES		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE 5 &5B FOR MENTAL HEALTH		Project Number 589A7-23-306	
Alesia Architecture 3705 North 200th Street Elkhorn, Nebraska 68022 Phone: (402) 291-6941		FARRIS ENGINEERING OMAHA LINCOLN COLORADO SPRINGS DENVER farris-usa.com		Farris Engineering 12700 W Dodge Rd. Omaha, NE 68154 Phone: (402) 330-5900		Approved:		FULLY SPRINKLERED		Location WICHITA, KS		Building Number 5b	
BDH Engineering 440 Regency Parkway, Suite 135 Omaha, Nebraska 68114 Phone: (402) 961-5527		Elizabeth A. Schaefer Professional Engineer State of Nebraska 05/21/2024		U.S. Department of Veterans Affairs						Issue Date 21 MAY 2024		Checked BAS	
Date:										Drawn BEL		Drawing Number EG101	

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three inches = one foot

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one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

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Autoset Docs/116721802-589A7-23-306 - Renovate Bldg 5 & 5b for Mental Health/220208 - MEP Center-23.rvt

- GENERAL LIGHTING NOTES
- APPLY TO ALL ELXXX SHEETS
- A.

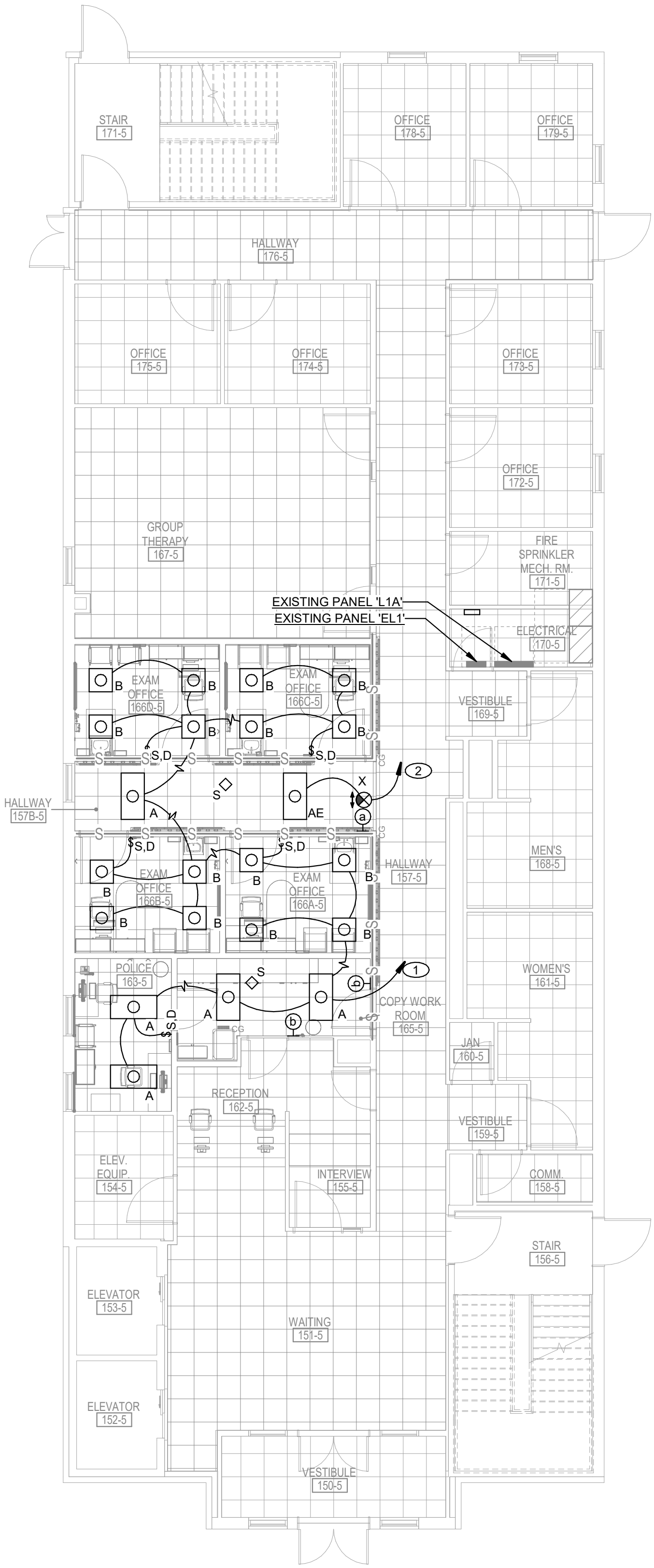
REFER TO SHEET E-501 FOR LUMINAIRE REQUIREMENTS.
- B.

REFER TO SHEET E-501 FOR LIGHTING CONTROLS REQUIREMENTS.
- C.

LIGHTING CONTROLS WIRING IS NOT SHOWN. PROVIDE ALL LIGHTING CONTROLS WIRING FOR A FUNCTIONAL SYSTEM BASED ON SUPPLIED CONTROL SYSTEM.
- D.

ALL LIGHTING CONTROL DEVICES REQUIRING A POWER CONNECTION SHALL BE CONNECTED TO A NORMAL LIGHTING CIRCUIT FROM THE ELECTRICAL PANEL SERVING LIGHTING IN THE CONTROLLED ZONE.

KEYNOTES	
1	CONNECT TO EXISTING 120/208V PANEL 'L1A'. CONNECT TO EXISTING SPARE 20A/1P CIRCUIT BREAKER OR PROVIDE 20A/1P CIRCUIT BREAKER IN PANEL AND CONNECT CIRCUIT INDICATED. UPDATE PANELBOARD DIRECTORIES TO INDICATE ALL SPARE BREAKERS, INCLUDING THOSE MADE SPARE BY DEMOLITION. AIC RATING OF CIRCUIT BREAKERS SHALL MATCH PANEL AIC RATING.
2	CONNECT TO EXISTING 120/208V EMERGENCY PANEL 'EL1'. CONNECT TO EXISTING SPARE 20A/1P CIRCUIT BREAKER OR PROVIDE 20A/1P CIRCUIT BREAKER IN PANEL AND CONNECT CIRCUIT INDICATED. UPDATE PANELBOARD DIRECTORIES TO INDICATE ALL SPARE BREAKERS, INCLUDING THOSE MADE SPARE BY DEMOLITION. AIC RATING OF CIRCUIT BREAKERS SHALL MATCH PANEL AIC RATING.

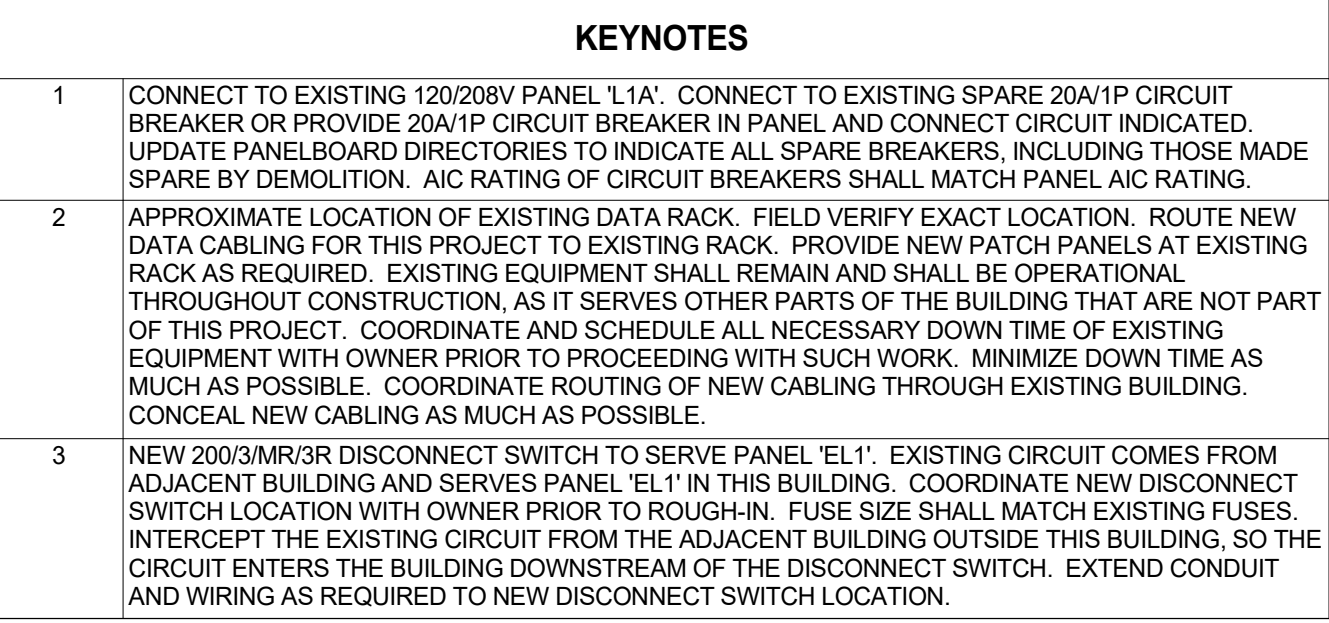


1

FIRST FLOOR LIGHTING PLAN

1/8" = 1'-0"

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three inches = one foot

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three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

one sixteenth inch = one foot

Autoset Docs:\16721802-589A7-23-306 - Renovate Bldg 5 & 5b for Mental Health\220208 - MEP Center-23.rvt

LUMINAIRE SCHEDULE											
MARK	DESCRIPTION	MANUFACTURER/SERIES	CATALOG NO.	LIGHT SOURCE		FINISH	MOUNTING	INPUT WATTS	VOLTS	ACCEPTABLE MANUFACTURERS	REMARKS
				QTY	TYPE						
A	2X4 LENSED LED TROFFER - 4000 NOMINAL LUMEN	LITHONIA	2GT14 40L GZ10 LP835 BAA	-	3922 LM 3500K LED	WHITE	RECESSED	30 VA	120	REMARK 1	-
AE	2X4 LENSED LED EMERGENCY TROFFER - 4000 NOMINAL LUMEN	LITHONIA	2GT14 40L GZ10 LP835 BAA	-	3922 LM 3500K LED	WHITE	RECESSED	30 VA	120	REMARK 1	2
B	2X2 LENSED LED TROFFER - 3300 NOMINAL LUMEN	LITHONIA	2GT12 33L GZ10 LP835 BAA	-	3360 LM 3500K LED	WHITE	RECESSED	29 VA	120	REMARK 1	-
X	LED EXIT SIGN	DUAL LITE	SE S R W	-	LED	WHITE	REMARK 4	3 VA	120	REMARK 3	3.4

LUMINAIRE SCHEDULE REQUIREMENTS

- A. SUBMIT SHOP DRAWINGS FOR EACH LUMINAIRE, BALLAST/DRIVER, AND LAMP TYPE USED ON PROJECT.
- B. ACCEPTABLE MANUFACTURERS LISTED ARE CAPABLE OF PROVIDING EQUIVALENT LUMINAIRES. SUBMIT PRODUCT AND ACCESSORIES EQUIVALENT OR SUPERIOR TO THE SPECIFIED LUMINAIRE IN PHOTOMETRIC PERFORMANCE, CONSTRUCTION QUALITY, INCLUDED ACCESSORIES, AND AESTHETICS. ADDITIONAL MANUFACTURERS NOT LISTED MAY ALSO BE SUBMITTED FOR APPROVAL PRIOR TO BID. APPROVAL WILL BE BASED ON AN ASSESSMENT OF THE PRODUCT'S QUALITY, PHOTOMETRIC PERFORMANCE, INCLUDED ACCESSORIES, AND AESTHETICS.
- C. ALL LUMINAIRES SHALL HAVE A U.L. LABEL. ALL LUMINAIRES USED IN EXTERIOR APPLICATIONS SHALL HAVE A U.L. WET LABEL.
- D. VERIFY MOUNTING COMPATIBILITY OF LUMINAIRES WITH CEILING SYSTEMS/MATERIALS PRIOR TO ORDERING LUMINAIRES. NOTIFY ENGINEER OF ANY CONFLICTS WITH THE PROPOSED INSTALLATION.
- E. FOR ALL SUSPENDED LUMINAIRES PROVIDE MOUNTING TYPE INDICATED IN LUMINAIRE SCHEDULE. REFER TO PLANS FOR SUSPENSION LENGTH(S) REQUIRED.
- F. ALL LUMINAIRES SHALL BE PAINTED AFTER FABRICATION AND HAVE HOUSINGS WITH A MINIMUM DEPTH OF 4". PROVIDE EXTRUDED ALUMINUM TYPE DOOR FRAMES WHERE LUMINAIRES ARE SPECIFIED WITH ALUMINUM DOOR FRAMES.
- G. PHILIPS, OSRAM SYLVANIA, S.E. CREE, NICHIA, XICATO, AND SAMSUNG ARE ACCEPTABLE LED MANUFACTURERS.
- H. PROVIDE LED LUMINAIRES WITH MINIMUM 5-YEAR WARRANTY AND INTEGRAL SURGE PROTECTION. LED MODULES, DRIVERS, AND POWER SUPPLIES SHALL BE FIELD-REPLACEABLE.
- I. AIM ALL ADJUSTABLE INTERIOR AND EXTERIOR LUMINAIRES UNDER DIRECTION OF THE ENGINEER.

LUMINAIRE SCHEDULE REMARKS

1. LITHONIA, COLUMBIA, DAY-BRITE, H.E. WILLIAMS, AND METALUX ARE ACCEPTABLE MANUFACTURERS FOR LUMINAIRE TYPE INDICATED.
2. PROVIDE LUMINAIRE WITH EMERGENCY DEVICE ALLOWING THE LUMINAIRE TO BE FED BY EMERGENCY POWER AND TO BE CONTROLLED WITH NORMAL POWER LUMINAIRES IN THE SAME ZONE. IF NORMAL POWER IS LOST, DEVICE SHALL REVERT THE LUMINAIRE TO 100% LIGHT OUTPUT. IF NORMAL POWER LUMINAIRES ARE NOT PRESENT IN ROOM, PROVIDE LUMINAIRE WITH EMERGENCY DEVICE ALLOWING THE LUMINAIRE TO BE FED BY EMERGENCY POWER AND TO BE CONTROLLED WITH LOCAL WALL SWITCH; NORMAL SENSE WIRES SHALL BE CONNECTED TO NORMAL LIGHTING CIRCUIT IMMEDIATELY OUTSIDE OF ROOM. IF NORMAL POWER IS LOST, DEVICE SHALL REVERT THE LUMINAIRE TO 100% LIGHT OUTPUT.
3. LITHONIA, DUAL-LITE, CHLORIDE, EMERGH-LITE, HUBBELL, AND SURE-LITES ARE ACCEPTABLE MANUFACTURERS FOR LUMINAIRE TYPE INDICATED.
4. REFER TO DRAWINGS FOR MOUNTING REQUIREMENTS SUCH AS WALL MOUNT, END MOUNT, CEILING MOUNT AND PROVIDE LUMINAIRES ACCORDINGLY. PROVIDE DIRECTIONAL CHEVRON ARROWS AS INDICATED ON PLANS.

LIGHTING CONTROLS ROOM SCHEDULE		
Number	Name	Lighting Control Scheme
157B-5	HALLWAY	181A
163-5	POLICE	241A
165-5	COPY WORK ROOM	CW1A
166A-5	EXAM OFFICE	241A
166B-5	EXAM OFFICE	241A
166C-5	EXAM OFFICE	241A
166D-5	EXAM OFFICE	241A

LIGHTING CONTROL SYSTEM BASIS OF DESIGN:

NLIGHT

LIGHTING CONTROL SCHEME NARRATIVE

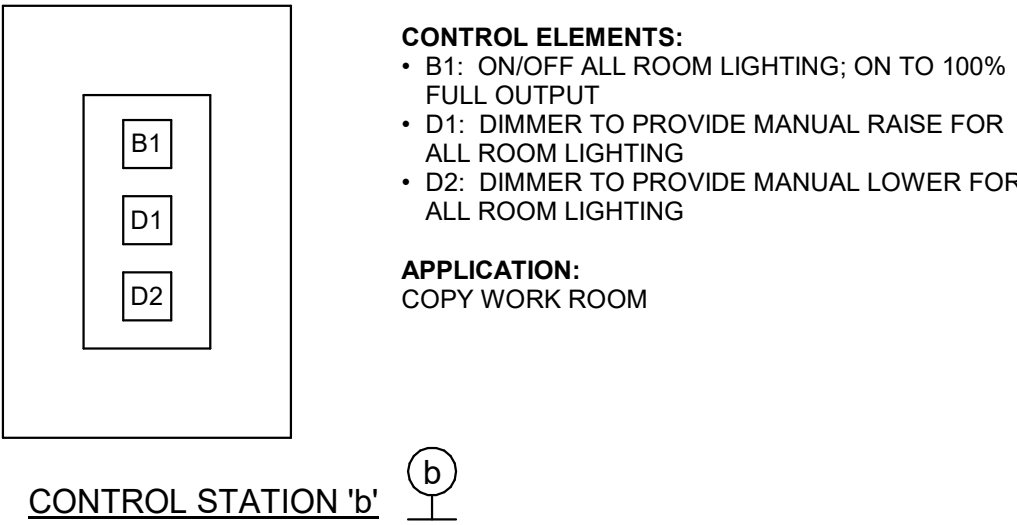
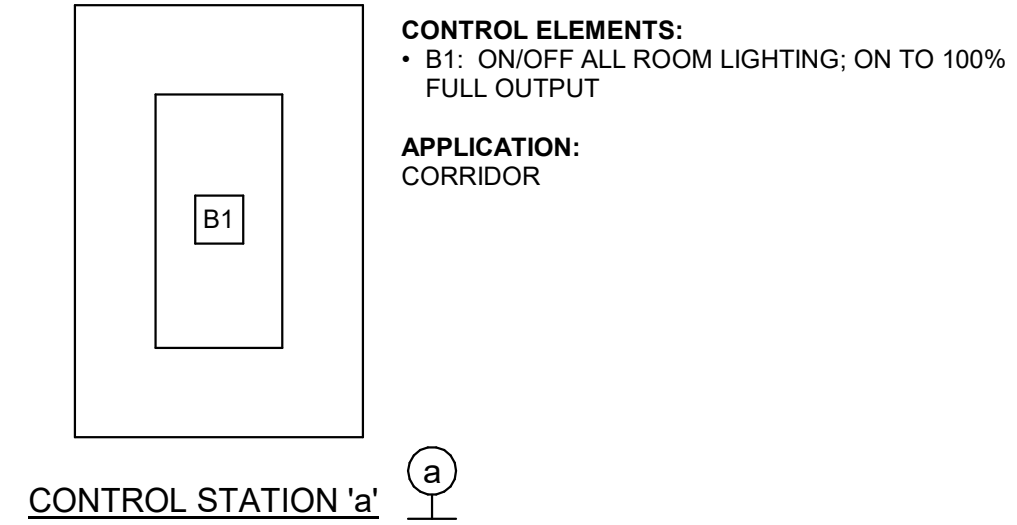
- CW1A - COPY WORK ROOM (ONE ZONE)
- ZONES: ROOM LIGHTING
 - LIGHTING CONTROL STATIONS: b
 - CONTROLLERS: VACANCY SENSOR
 - OPERATION: LUMINAIRES IN ROOM SHALL BE CONTROLLED BY VACANCY SENSOR. REFER TO LIGHTING CONTROL STATION DETAILS FOR CONTROL STATION OPERATION.
 - NOTES: NONE

CONVENTIONAL LIGHTING CONTROL SYSTEMS

- 181A – CEILING OCCUPANCY SENSOR(S) WITH SINGLE PUSH BUTTON SWITCH(ES) (LOW VOLTAGE SWITCHING) – LIGHTING CONTROL STATION(S): a
- 241A – VACANCY SENSOR WALL DIMMER SWITCH (LINE VOLTAGE SWITCHING AND 0-10V DIMMING)

LIGHTING CONTROL REQUIREMENTS:

1. PROVIDE SYSTEM FOR LIGHTING CONTROLS AS SHOWN ON PLANS, SCHEDULES, AND NOTES. SUBMIT SHOP DRAWING OF COMPLETE SYSTEM. COOPER GREEN GATE, HUBBELL, BUILDING AUTOMATION, WATTSTOPPER, LEVITON, AND INTELLIGENT LIGHTING CONTROLS (ILC) SHALL BE CONSIDERED ACCEPTABLE MANUFACTURERS SUBJECT TO COMPLIANCE WITH REQUIREMENTS
2. PROVIDE PROGRAMMING AS REQUIRED FOR LIGHTING CONTROL (ON/OFF, DIMMING, AND OCCUPANCY/VACANCY SENSOR) AS INDICATED. PROVIDE INTERFACE BETWEEN LIGHTING CONTROL SYSTEM AND NETWORK TO ALLOW PROGRAMMING AND CALIBRATION OF SYSTEM THROUGH SOFTWARE.
3. REFER TO SPECIFICATIONS FOR OCCUPANCY/VACANCY SENSOR REQUIREMENTS AND LOCATIONS. CONNECT ALL SENSORS IN CORRESPONDING AREA TOGETHER TO FEED INPUT OF OCCUPANCY/VACANCY TO CONTROL DEVICE. REFER TO DRAWINGS FOR QUANTITY OF SENSORS.
4. PROVIDE BRUSHED METAL CENTER PLATE AND GRAY BUTTON COLOR AND PERMANENT WHITE FILLED LABELING AS INDICATED FOR ALL CONTROL STATIONS. PROVIDE PROGRAMMING AS REQUIRED FOR CONTROL OF ZONES AS INDICATED.
5. PROVIDE CAT. 5 PATCH CABLE WITH RJ45 CONNECTORS TO CONNECT ALL CONTROL DEVICES AND CONTROL STATIONS TOGETHER. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
6. INITIAL START-UP, COMMISSIONING, AND PROGRAMMING MUST BE COMPLETED BY A QUALIFIED FACTORY REPRESENTATIVE. PROVIDE 2 HOURS OF TRAINING FOR THE OWNER. COORDINATE TIME WITH ARCHITECT, LIGHTING DESIGNER, AND OWNER. COORDINATE FINAL CONTROL SEQUENCING WITH OWNER AND LIGHTING DESIGNER.
7. ALL LOW VOLTAGE CAT 5 CABLING TERMINATIONS SHALL BE FACTORY MOLDED FOR RUNS LESS THAN 30'. WHERE CABLES ARE GREATER THAN 30', A LOW VOLTAGE LICENSED TECHNICIAN AND/OR QUALIFIED CONTRACTOR SHALL PERFORM THE TERMINATIONS. POOR TERMINATIONS WILL RESULT IN A NON-OPERATING SYSTEM. INSTALLER SHALL USE ANY SPECIFIC TERMINATION TOOLS PROVIDED BY THE FACTORY - SEE INSTALLATION REQUIREMENTS. CABLE SHALL BE COLORED DIFFERENTLY THAN TELEPHONE, DATA, AND OTHER SYSTEMS CABLING. PROVIDE CABLE COLOR WITHIN SUBMITTAL. PREFERRED OWNER COLOR: WHITE.
8. LIGHTING CONTROL WIRING AND CABLES ARE NOT SHOWN ON PLAN LAYOUTS. CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING AND CABLING AS REQUIRED TO PROVIDE LIGHTING CONTROLS AS INDICATED.
9. OCCUPANCY/VACANCY SENSOR TIME DELAYS: 15 MIN (OFFICES, WORKROOMS, HALLWAYS/CORRIDORS), 5 MIN (STORAGE). COORDINATE FINAL TIME DELAYS WITH OWNER.
10. ALL CONTROL RELAYS AND INTERFACE DEVICES SHALL BE INSTALLED INSIDE IN INSULATED, ACCESSIBLE AREAS UNLESS RATED FOR OUTDOOR USE. LIGHTING CONTROL DEVICES SHALL NOT BE INSTALLED EXPOSED IN OPEN CEILING AREAS. LOCATE ABOVE ACCESSIBLE ACOUSTICAL GRID CEILINGS IN ADJACENT ROOMS.
11. ALL DIMMER SWITCHES SHALL BE COMPATIBLE WITH LUMINAIRES CONTROLLED BY THE SWITCHES. COORDINATE DIMMER SWITCH COMPATIBILITY WITH LUMINAIRES.
12. ELECTRONIC LIGHTING SWITCHES AND SENSOR SWITCHES SHALL USE A NEUTRAL FOR THE RETURN CURRENT, NOT THE EQUIPMENT GROUNDING CONDUCTOR.



1 LIGHTING CONTROL STATIONS

NOT TO SCALE

ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
ALESIA ARCHITECTURE		FARRIS ENGINEERING		U.S. Department of Veterans Affairs		ELECTRICAL DETAILS		CONSTRUCTION DOCUMENTS		RENOVATE 5 &5B FOR MENTAL HEALTH		589A7-23-306	
BDH ENGINEERING						Approved:		FULLY SPRINKLERED		Location WICHITA, KS		Drawing Number	
										Issue Date 21 MAY 2024		Checked BAS	
										Drawn BEL		E-501	
Mark		Revisions:											

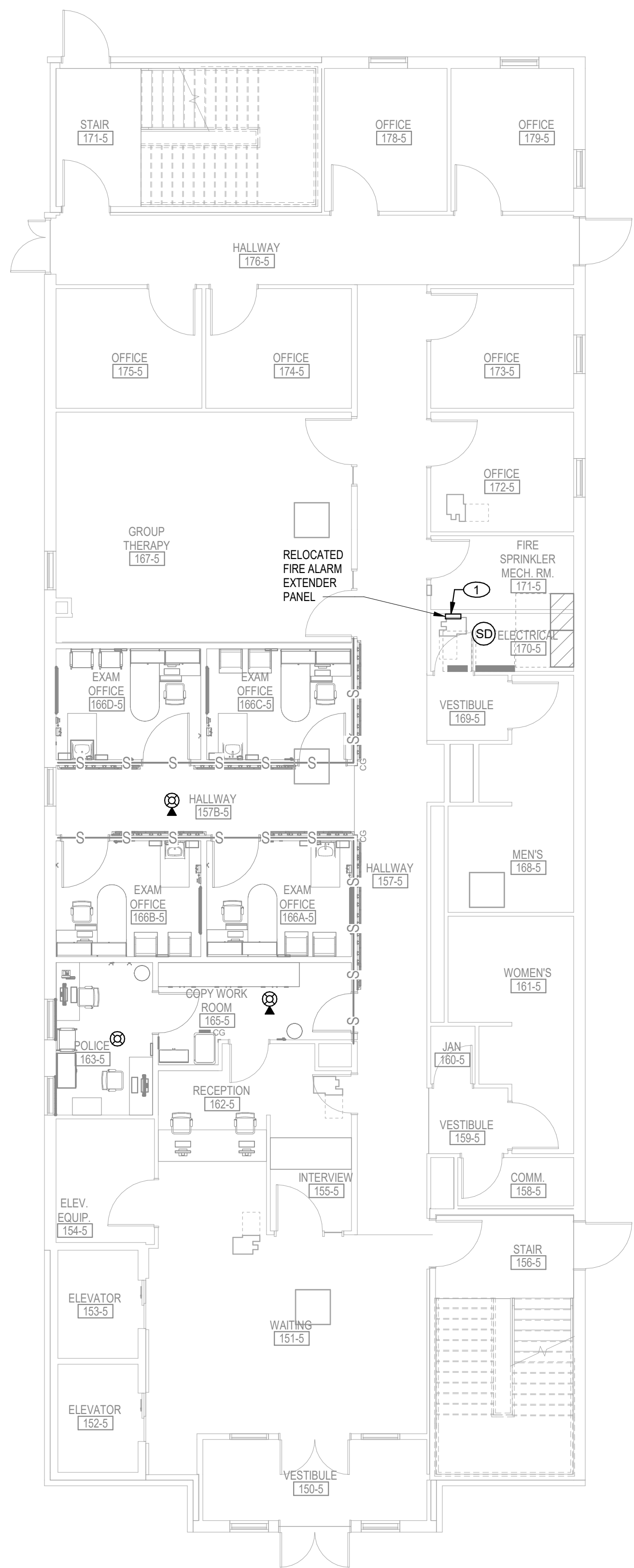
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot

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GENERAL FIRE ALARM NOTES
APPLY TO SHEETS FA101, ED101
A. REFER TO SHEET ED101 FOR FIRE ALARM DEMOLITION.
B. FIRE ALARM DEVICE MANUFACTURER SHALL MATCH EXISTING SYSTEM. PROVIDE ALL WIRING AND DEVICES NECESSARY FOR CONNECTION TO EXISTING SYSTEM.

KEYNOTES	
1	RELOCATED FIRE ALARM EXTENDER PANEL. EXTEND EXISTING CIRCUITS AND CABLING OR PROVIDE NEW AS REQUIRED. COORDINATE NEW LOCATION WITH OWNER PRIOR TO ROUGH-IN.

FIRE ALARM SYMBOLS LEGEND (AS APPLICABLE)			
FIRE ALARM		FIRE ALARM	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
(HD) RT	HEAT DETECTOR - COMBINATION	(X) ◀	FIRE ALARM COMBINATION SPEAKER/VISUAL - WALL MOUNTED
(HD) F	HEAT DETECTOR - FIXED TEMPERATURE	(F) ◀	FIRE ALARM BELL - WALL MOUNTED
(HD) EV	HEAT DETECTOR - FIXED TEMPERATURE (CONNECTED TO ELEVATOR RECALL)	(F) ◀	FIRE ALARM HORN - CEILING MOUNTED
(SD)	SMOKE DETECTOR	(S) ◀	FIRE ALARM VISUAL SIGNAL - CEILING MOUNTED
(SD) DM	SMOKE DETECTOR - DUCT MOUNTED	(S) ◀	FIRE ALARM COMBINATION HORN/VISUAL - CEILING MOUNTED
(SD) EV	SMOKE DETECTOR (CONNECTED TO ELEVATOR RECALL)	(F) ◀	FIRE ALARM SPEAKER - CEILING MOUNTED
(CO)	CARBON MONOXIDE DETECTOR	(S) ◀	FIRE ALARM COMBINATION SPEAKER/VISUAL - CEILING MOUNTED
(CO) DM	CARBON MONOXIDE DETECTOR - DUCT MOUNTED	■ X	FLOW SWITCH
(F)	FIRE ALARM MANUAL STATION	■ X	TAMPER SWITCH
(F) ◀	FIRE ALARM HORN - WALL MOUNTED	■	DUCT DETECTOR REMOTE ALARM INDICATOR
(X) ◀	FIRE ALARM VISUAL SIGNAL - WALL MOUNTED	(R)	FAN SHUT-DOWN RELAY
(X) ◀	FIRE ALARM COMBINATION HORN/VISUAL - WALL MOUNTED	■	MAGNETIC DOOR HOLDER
(F) ◀	FIRE ALARM SPEAKER - WALL MOUNTED	(SBD) ▶	SMOKE BEAM DETECTOR
		(R)	SMOKE BEAM REFLECTOR
MISCELLANEOUS			
(X) X	EQUIPMENT IDENTIFICATION TAG	NF	NON-FUSED
(X) X	DETAIL REFERENCE	WP	WEATHER-PROOF
XXX	SHEET REFERENCE	WG	WIRE GUARD
FAAP	FIRE ALARM CONTROL PANEL	XP	EXPLOSION PROOF
FAAP	FIRE ALARM ANNUNCIATOR PANEL	30/3/10/3R	RATED AMPACITY/NO. POLES/FUSING REQ'D/NEMA ENCL. NO.
HQA	HAND-OFF-AUTO	MR	MANUFACTURER'S RECOMMENDATION
CCT	CIRCUIT	AL	ALUMINUM
PART. CCT.	PARTIAL CIRCUIT	---	LIGHT LINEWORK = EXISTING
AFF	ABOVE FINISHED FLOOR	---	DARK/DASHED LINEWORK = DEMOLITION
		---	DARK LINEWORK = NEW



1 FIRST FLOOR FIRE ALARM PLAN
1/8" = 1'-0"

Mark	Revisions:	Date:
ARCHITECT/ENGINEER OF RECORD		
ALESIA ARCHITECTURE Alesia Architecture P.C. 3705 North 200th Street Elkhorn, Nebraska 68022 Phone: (402) 291-6941		
FARRIS ENGINEERING Farris Engineering 12700 W Dodge Rd. Omaha, NE 68154 Phone: (402) 330-5900		
STAMP ELIZABETH A. SCHULZ STATE OF NEBRASKA 05/21/2024		
Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs		
Drawing Title FIRST FLOOR FIRE ALARM PLAN		
Approved:		
Phase CONSTRUCTION DOCUMENTS		
Project Title RENOVATE 5 & 5B FOR MENTAL HEALTH		
Location WICHITA, KS		
Issue Date 21 MAY 2024		
Checked BAS		
Drawn BEL		
Project Number 589A7-23-306		
Building Number 5b		
Drawing Number FA101		



(AS APPLICABLE)

SYMBOL	DESCRIPTION
SM-X	SPRINKLER MAIN (X DENOTES SPRINKLER ZONE NUMBER IF APPLICABLE)
F	FIRE MAIN PIPE
FDC	FIRE DEPARTMENT CONNECTION PIPE
FTH	FIRE TEST HEATER PIPE
PIV	POST INDICATOR VALVE
G	PRESSURE GAUGE
●	EXPOSED PENDANT SPRINKLER
R ●	SEMI-RECESSED PENDANT SPRINKLER
C ●	CONCEALED PENDANT SPRINKLER
○	UPRIGHT SPRINKLER
▽	EXPOSED SIDEWALL SPRINKLER
R ▽	SEMI-RECESSED SIDEWALL SPRINKLER
C ▽	CONCEALED SIDEWALL SPRINKLER
D ●	DRY EXPOSED PENDANT SPRINKLER
DR ●	DRY SEMI-RECESSED PENDANT SPRINKLER
DC ●	DRY CONCEALED PENDANT SPRINKLER
□	POINT OF DISCONNECT
⊕	NEW CONNECTION POINT

NOTE:
ITEMS SHOWN IN HALFTONE ARE EXISTING TO REMAIN.
ITEMS SHOWN IN DARK DASHED LINE ARE TO BE DEMOLISHED.
ITEMS SHOWN IN DARK BOLD SOLID LINE ARE NEW TO BE PROVIDED.
PIPE SIZE INDICATED ON PLANS.



1"-1 1/4" EVERY 12'-0"
1 1/2"-6" EVERY 15'-0"
3/8" ROD 1"-4", 1/2" ROD 6"

GENERAL NOTES:

1. HANG ALL ARMOVERS LONGER THAN 2'-0".
2. ALL HANGERS PER NFPA 13.
3. THERE SHALL BE NOT BE LESS THAN ONE HANGER FOR EACH SECTION OF PIPE
4. ALL RODS SHALL BE ZINC COATED UNLESS OTHERWISE NOTED.

① HANGER DETAILS

NOT TO SCALE

GENERAL FIRE SUPPRESSION NOTES

APPLY TO ALL FIRE SUPPRESSION SHEETS

FIRE PROTECTION WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

- [illegible]

NOTICE:
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SITE, LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND CODES. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL FIRE SUPPRESSION PLANS.

[illegible]

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

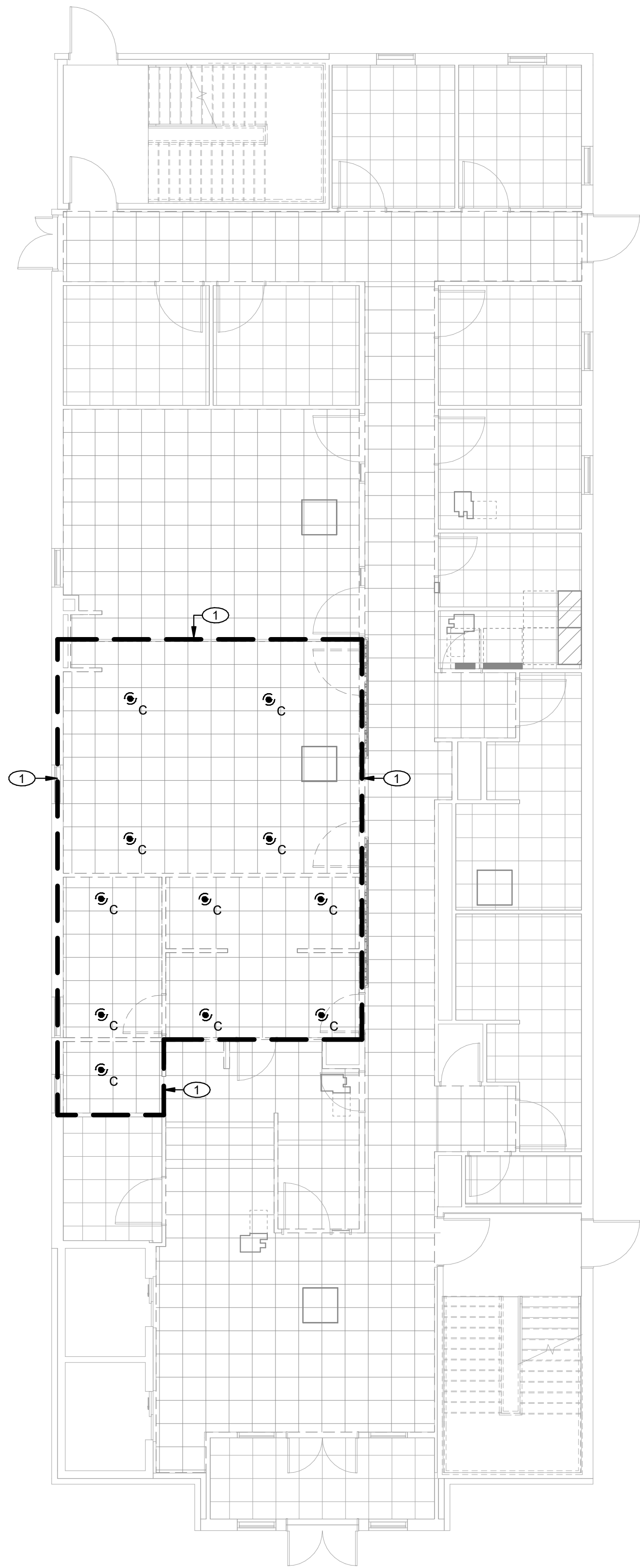
one quarter inch = one foot

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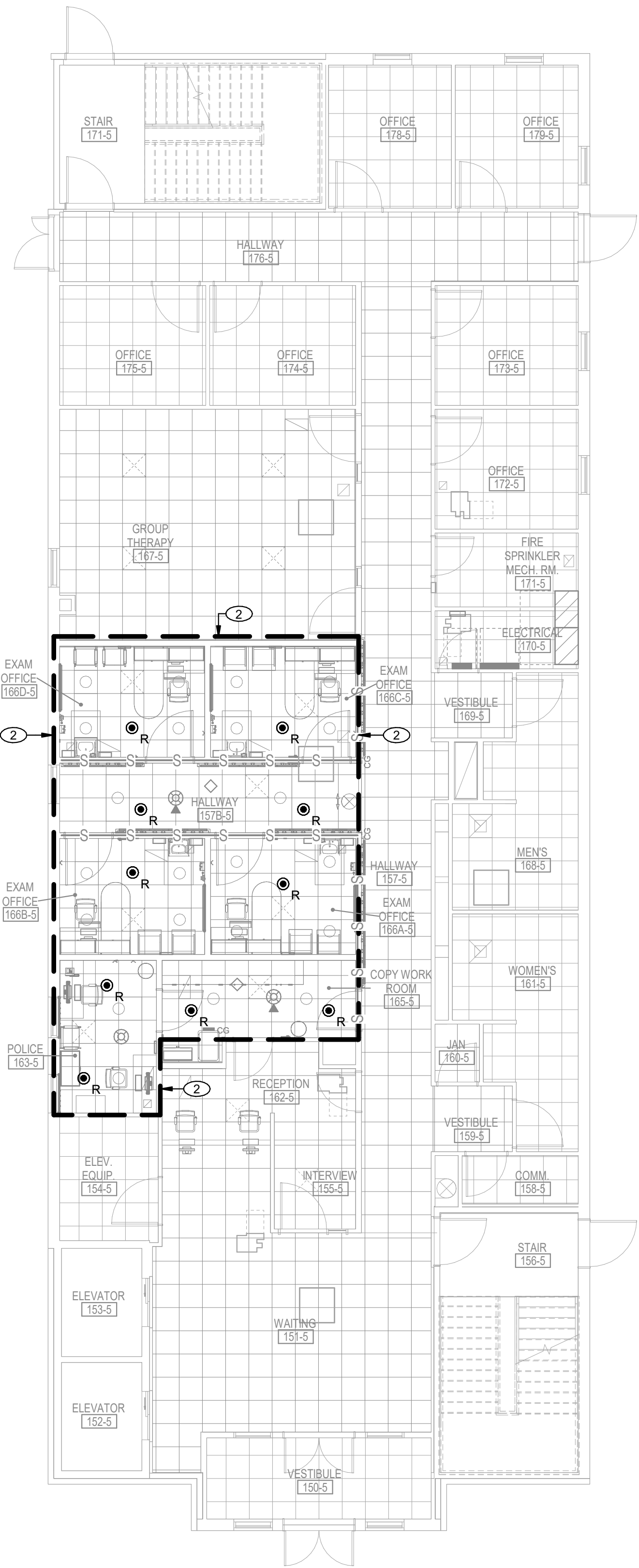
KEYNOTES	
1	REMOVE SPRINKLER HEADS IN EXISTING CEILING AS NEEDED. PREPARE SYSTEM FOR NEW CEILING OR FOR REMOVAL OF CEILING. PROVIDE TEMPORARY UPRIGHT SPRINKLERS DURING CONSTRUCTION WHEN CEILING IS REMOVED.
2	PROVIDE NEW LAYOUT FOR PROJECT AREA. DESIGN SHALL BE FOR A LIGHT HAZARD OCCUPANCY WITH A DESIGN DENSITY OF 0.10 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET. UNLESS NOTED OTHERWISE, SPRINKLERS SHALL BE QUICK RESPONSE, SEMI-RECESSED STYLE SPRINKLERS WITH FACTORY WHITE FINISH UNLESS NOTED OTHERWISE. ALL REMOVED SPRINKLERS SHALL BE REPLACED WITH NEW IN WORK AREA.



2

FIRST FLOOR FIRE SUPPRESSION DEMOLITION PLAN

1/8" = 1'-0"



1

FIRST FLOOR FIRE SUPPRESSION PLAN

1/8" = 1'-0"

Mark		Revisions:	Date:	ARCHITECT/ENGINEER OF RECORD		STAMP	Office of Construction and Facilities Management		Drawing Title	Phase	Project Title		Project Number	
				ALESIA ARCHITECTURE		FARRIS ENGINEERING	U.S. Department of Veterans Affairs		FIRST FLOOR FIRE SUPPRESSION PLAN	CONSTRUCTION DOCUMENTS	RENOVATE 5 & 5B FOR MENTAL HEALTH		589A7-23-306	
				BDH ENGINEERING					Approved:	FULLY SPRINKLERED	Location WICHITA, KS		Building Number 5b	
											Issue Date 21 MAY 2024		Drawing Number FX101	
											Checked BDH			
											Drawn CAE			