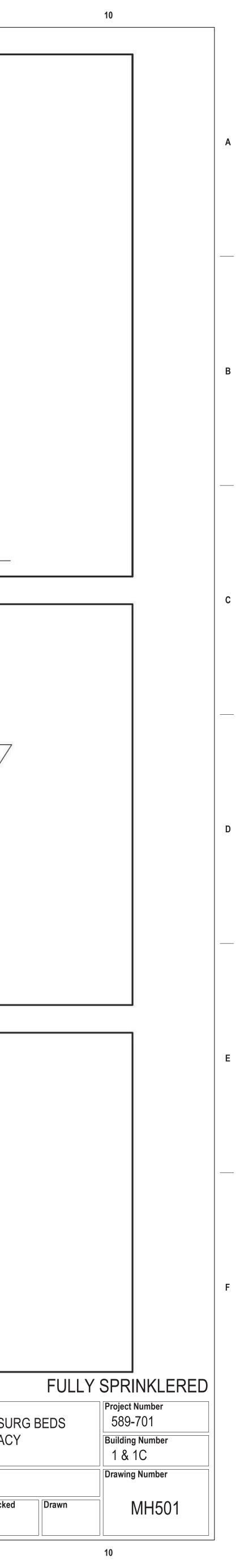
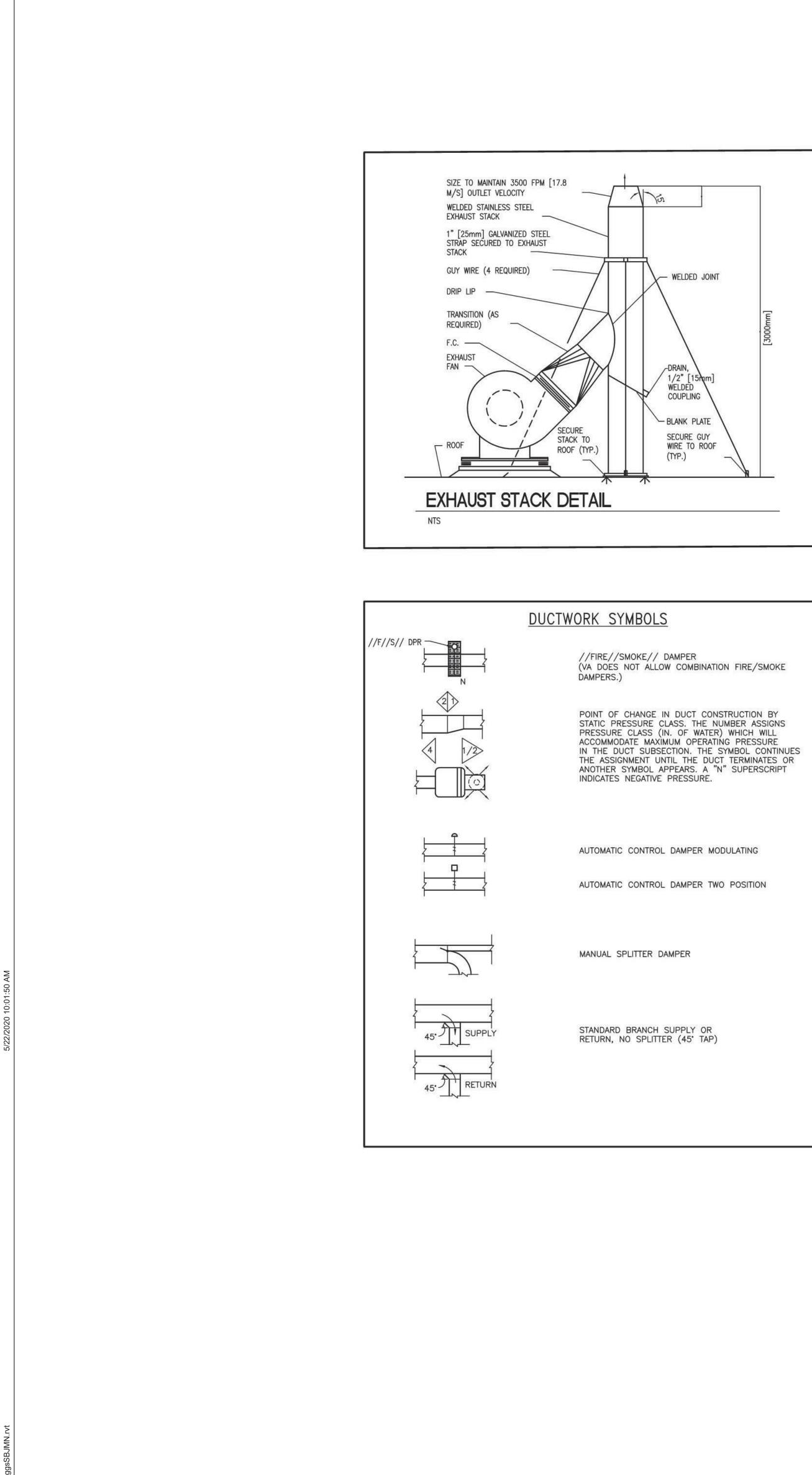


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K TRANSITION DE VIEW			SEE SPECIFICATIONS FOR CLU SEALANT (TYP.) SUPPORT SADDLE FROM STRUCTURE FLEXIBLE DUCT SIZE SAME AS DIFFUSER INLET: 5'-0" MAX LENGTH. USE RIGID ELBOWS FOR CHANGE OF DIRECTION GREATER THAN 45' TYPICAL DIFFUSER OR REGISTER IN LAY-IN CLG.		THERMAL INSULATION SEE SPECIFICATIONS CONICAL OUTLET BRANCH DUCT VOLUME DAMPER WE LOCKING QUAD	
			FLEXIBLE A	AIR DUCT CONI	NECTOR	
ER			STIFFEN BLADE AS REQUIRED INTELLINATION STAND-OFF SIDE ELEVATION NOTE: 1. DELETE INSULATION STAND-OFF 2. DETAIL SHOWS SINGLE BLADE D DAMPERS & ROUND DAMPERS.	DAMPER. DAMPER INSTALLATION		ARING
			<ol> <li>2. DIMENSION.</li> <li>ALL SINGLE THICKNESS VANE</li> <li>3. BETWEEN VANES AND A 3/4'</li> <li>WHEN W EQUALS W2 AND W</li> <li>4.</li> </ol>	W2, VANE SHALL BE SINGLE TH ES SHALL HAVE A 2" [50mm] R " [20mm] TRAILING EDGE.	HICKNESS VANE TYPE REGARDLES RADIUS, 1 1/2" [40mm] MAXIMU nm] VANES SHALL BE DOUBLE V	IM SPACE
e of uction cilities ement epartment erans Affairs	Drawing Title MECHANICAL Approved:	DETAILS	Phase BID DOC	UMENTS	Project Title VA WICHITA FOR PATIEN Location WICHITA, KA Issue Date 05/22/2020	IT PRIVACY
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CONSULTANT
 <u>Consultant:</u>
CMTA CONSULTING ENGINE

Date:

10411 MEETING STREET
PROSPECT, KY 40059
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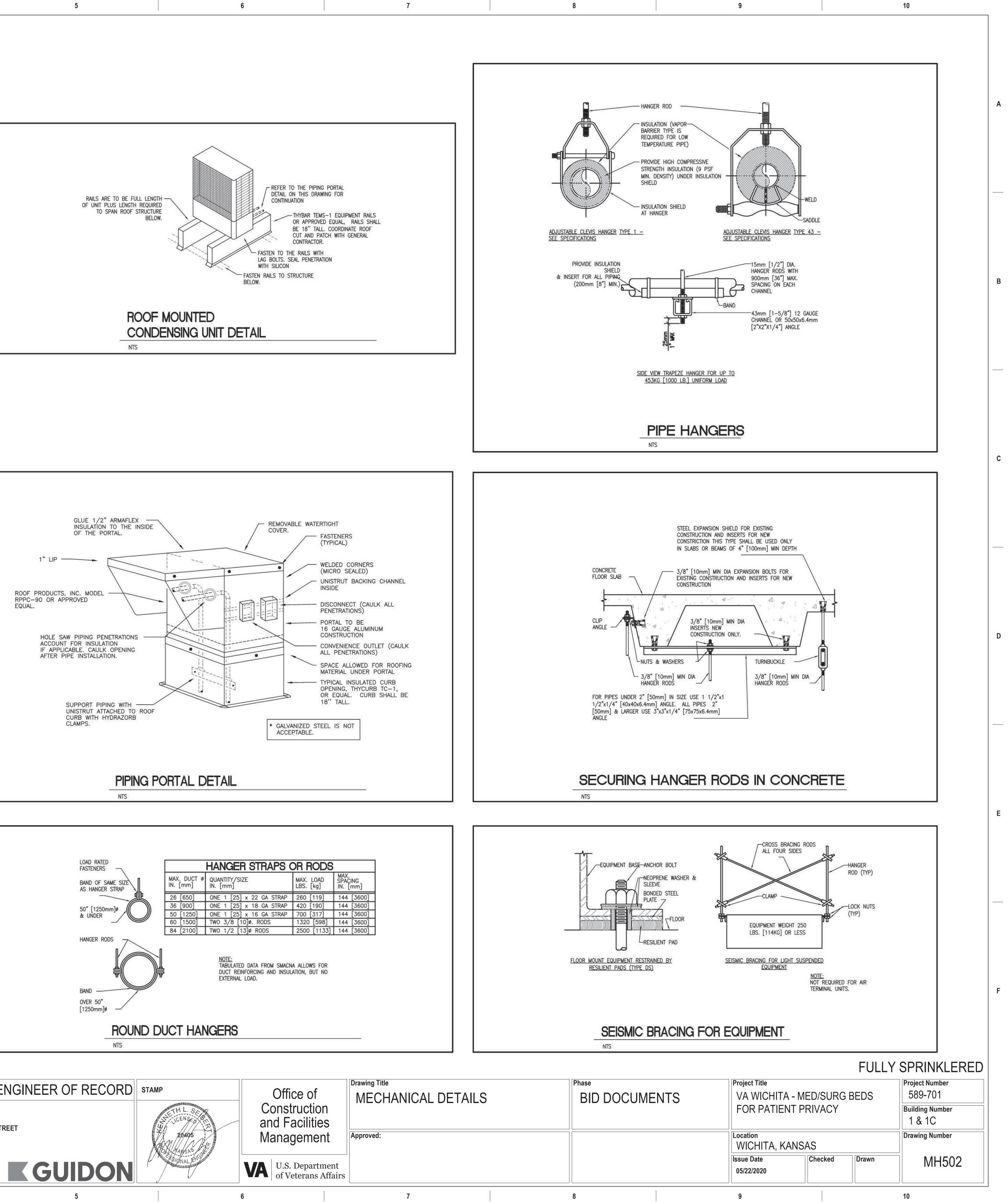
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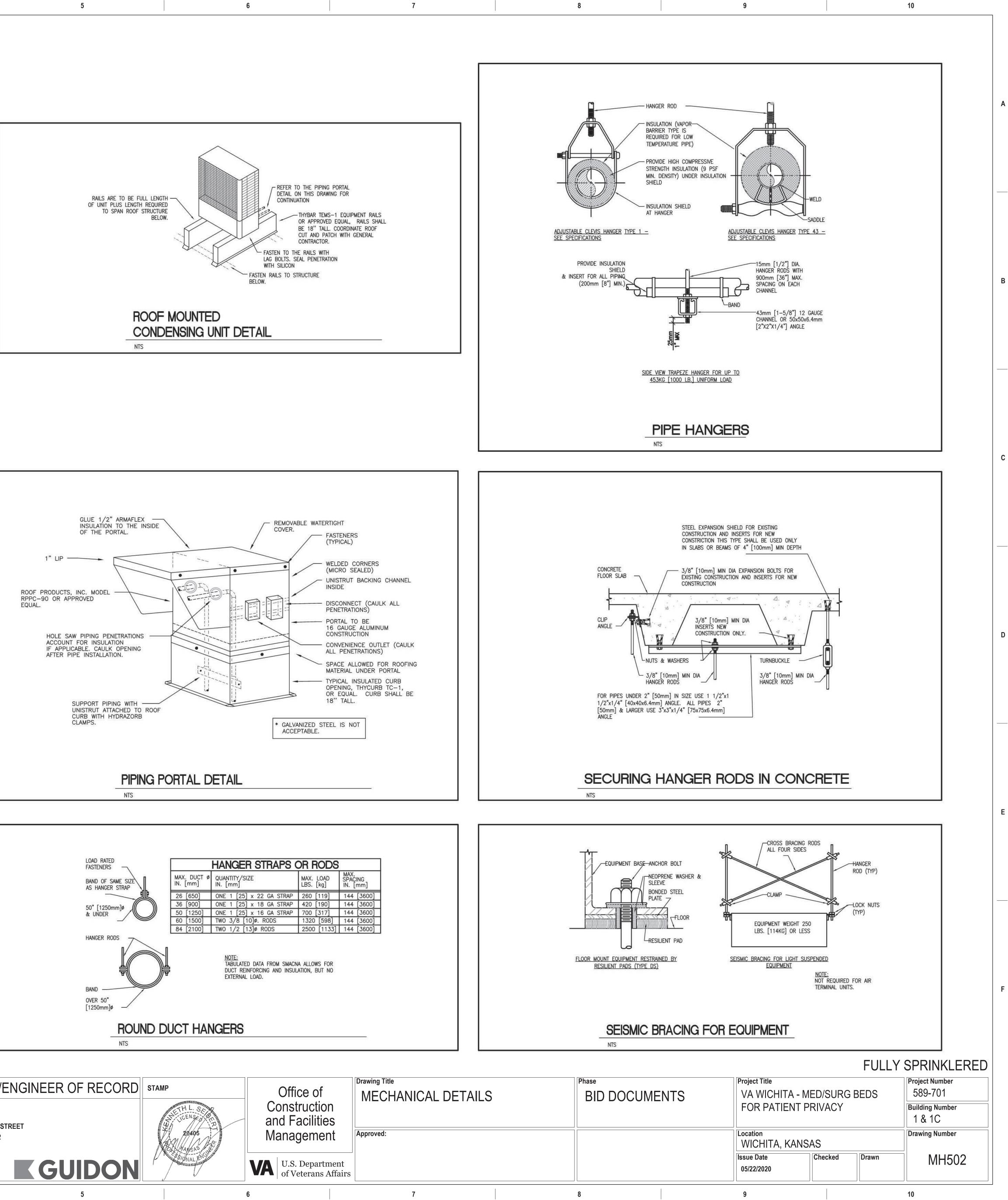
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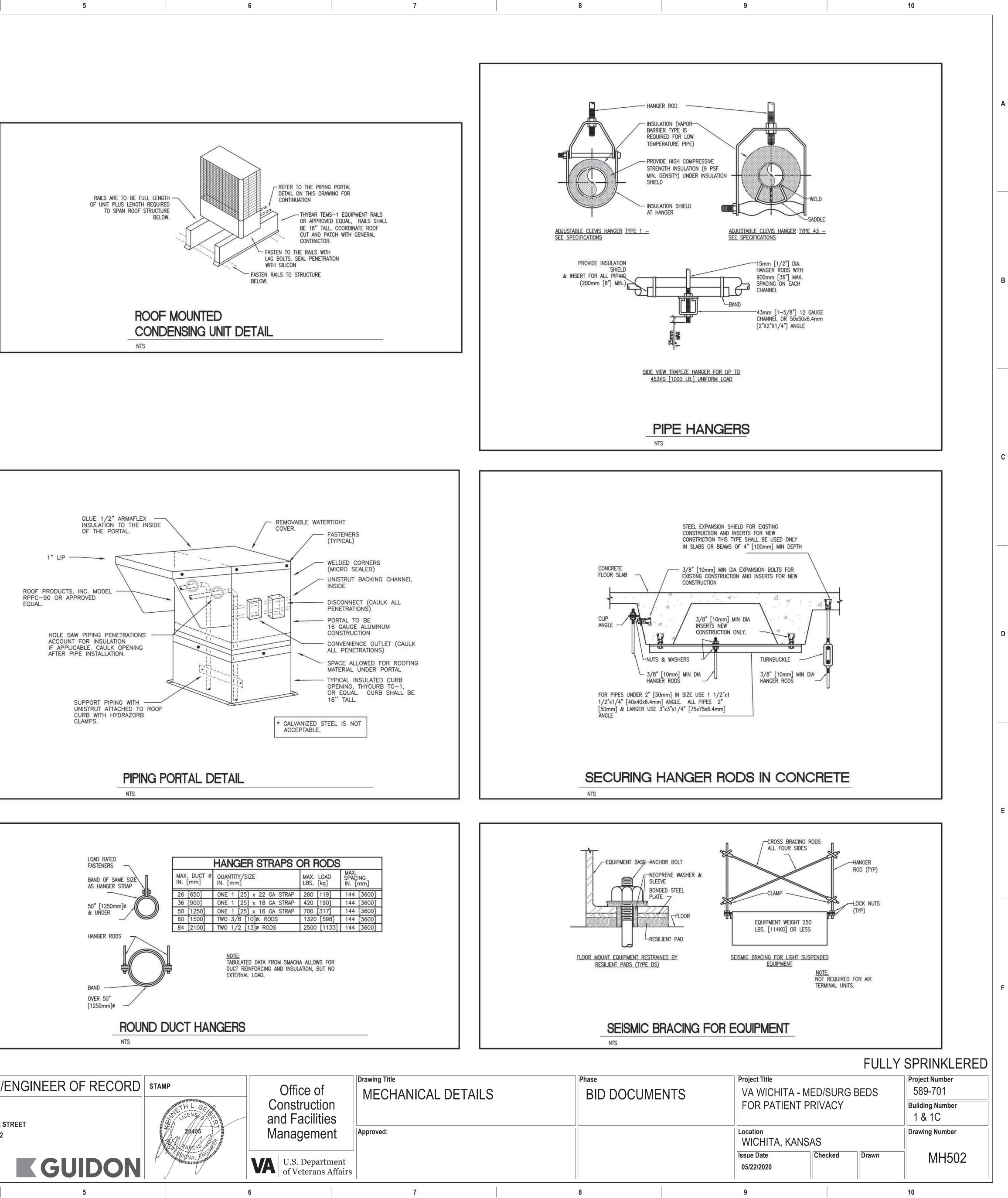
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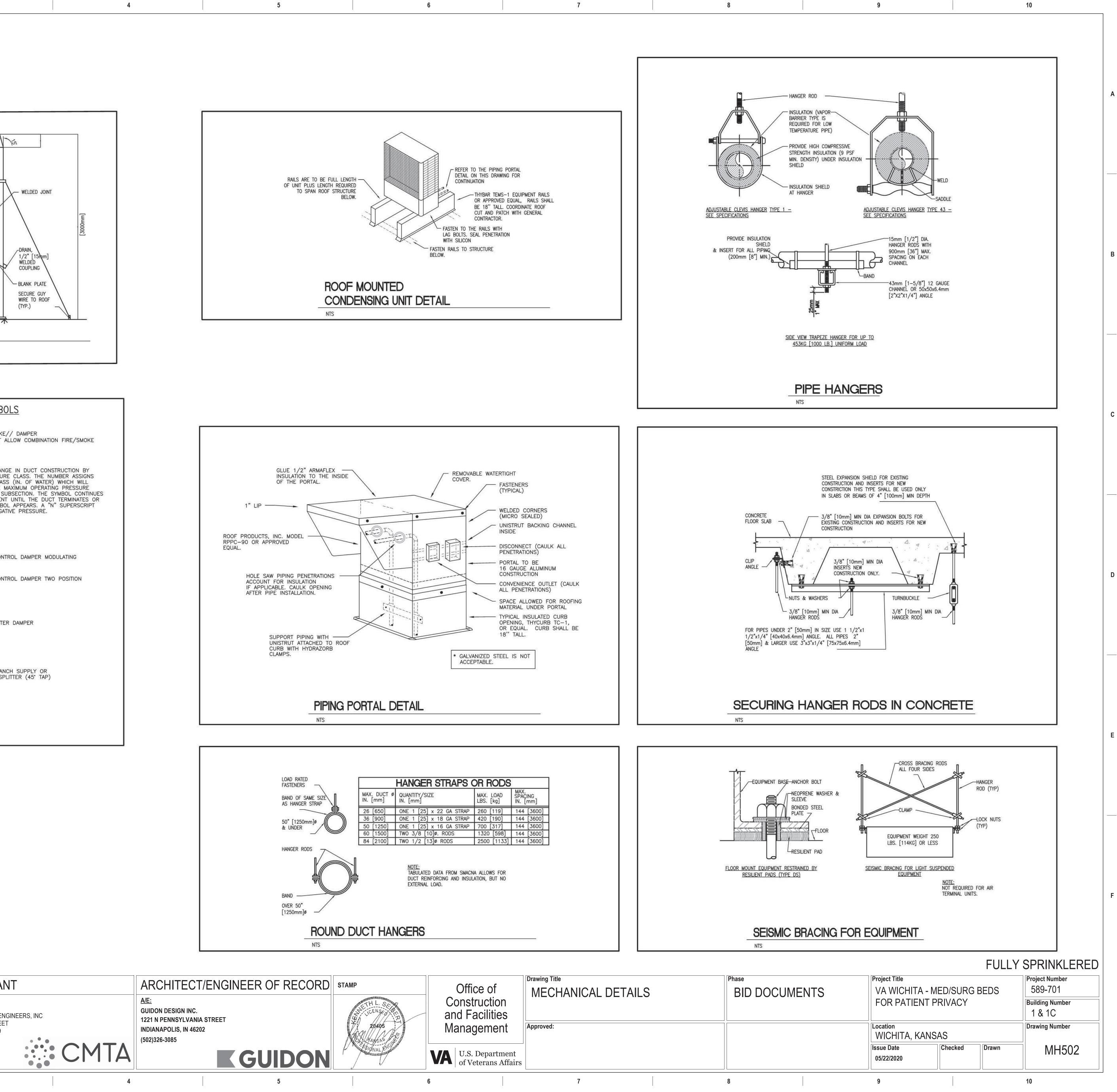
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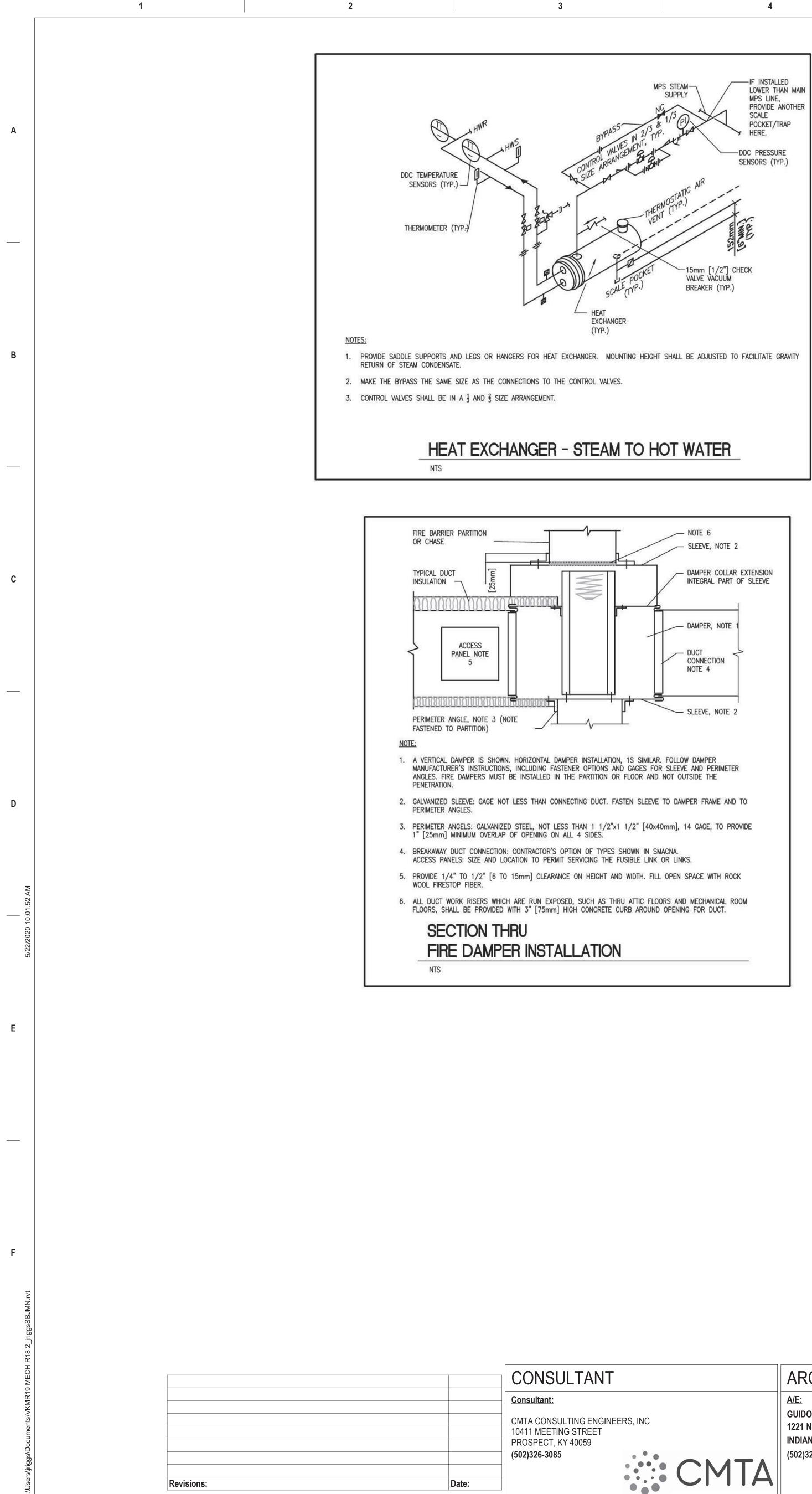
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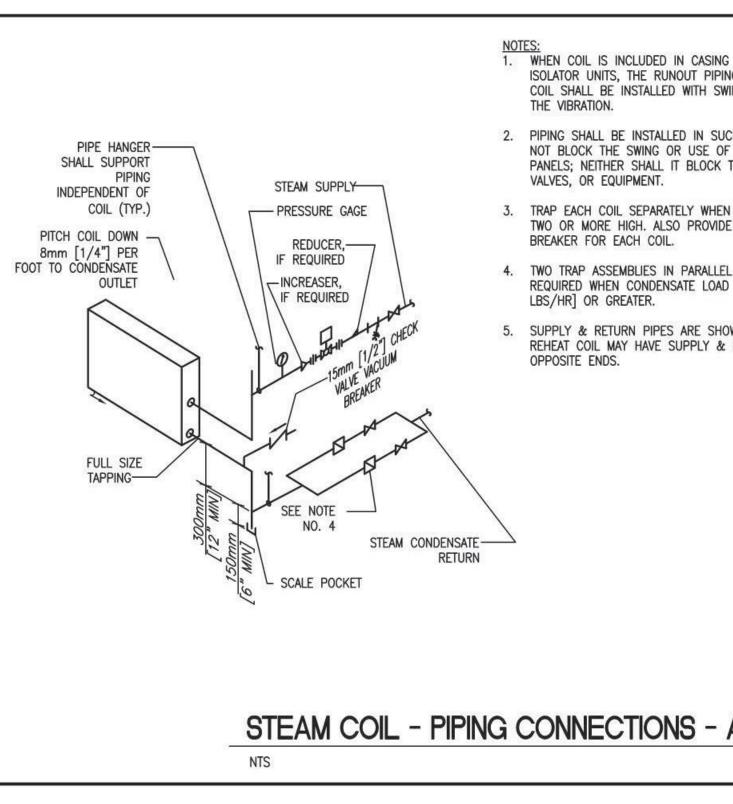










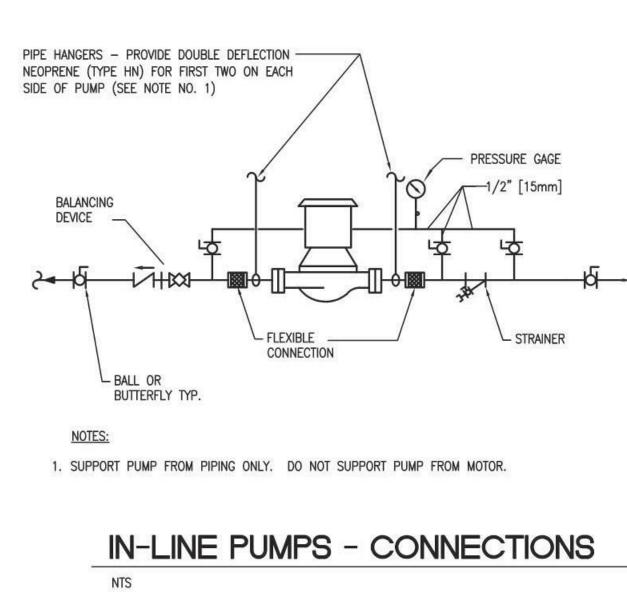


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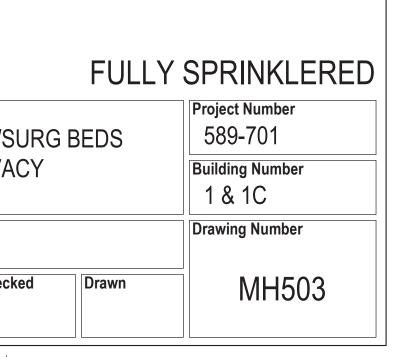
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MPS STEAM SUPPLY NC NC NC NC NC NC NC NC NC NC NC NC NC	MAIN HER HER HER HER HER HER HER HER HER HER	PARATELY WHEN INSTALLED IN A BANK OF ALSO PROVIDE SEPARATE VACUUM COIL. ES IN PARALLEL ARE SHOWN. TWO TRAPS IDENSATE LOAD IS 2400 KG/HR [5.000	DRIP LEG OR EQUIPMENT CONNECTION MAKE THE SAME SIZE AS THE SUPPLY MAIN OR EQUIPMENT CONNECTION. SEE NOTE 1 BYPASS-INSTALL IN HORIZONTAL PLANE LEVEL WITH TRAP OR IN VERTICAL PLANE & BELOW TRAP USE 4-BOLT RAISED FACE FLANGES PIPE SIZE SHALL BE SAME SIZE AS TRAP TO RETURN MAIN SCHEDULE 80 STEEL PIPE	SCHEDULE 80 STEEL PIPE	
ANGER WOUNTING HEIGHT SHALL BE ADJUSTED TO FACILITATE GRAVIT	TY TY TY TY TY TY TY TY TY TY		SEE DRAWINGS FOR PIPE SIZES DIELECTRIC FT RETURN IS CO NOTES: 1. ALL DRIP POINTS ON STEAM MAINS SHALL BE PROVIDED WITH A 3 BOTTOM OF STEAM MAIN TO TRAP INLET. DRIP LEG SHALL HAVE INLET. 2. PROVIDE BYPASS PIPING. INVERTED BUCKET STEA ASSEMBLY	OPPER PIPE 300mm [12"] MINIMUM HIGH DRIP LEG FROM 150mm [6"] SCALE POCKET BELOW TRAP	
M TO HOT WATER	STEAM COIL - PIPING CONNECTION	ONS - AHU	NTS		
NOTE 6 SLEEVE, NOTE 2 DAMPER COLLAR EXTENSION INTEGRAL PART OF SLEEVE DUCT OUCT CONNECTION NOTE 4 DUCT SLEEVE, NOTE 2 TION, 1S SIMILAR. FOLLOW DAMPER AND GAGES FOR SLEEVE AND PERIMETER OR FLOOR AND NOT OUTSIDE THE FASTEN SLEEVE TO DAMPER FRAME AND TO 2"x1 1/2" [40x40mm], 14 GAGE, TO PROVIDE ES SHOWN IN SMACNA. HE FUSIBLE LINK OR LINKS. AND WIDTH. FILL OPEN SPACE WITH ROCK THRU ATTIC FLOORS AND MECHANICAL ROOM E CURB AROUND OPENING FOR DUCT.	PIPE HANGERS - PROVIDE DOUBLE DEFLECTION NEOPRENE (TYPE HN) FOR FIRST TWO ON EACH SIDE OF PUMP (SEE NOTE NO. 1) BALANCING DEVICE UNTERFLY TYP. NOTES: 1. SUPPORT PUMP FROM PIPING ONLY. DO NOT SUPPORT PUMP FROM MOTOR. IN-LINE PUMPS - CONNECTION NTS	m] ₩ IER	DRIP LEG OR EQUIPMENT CON MAKE THE SAME SIZE AS THE MAIN OR EQUIPMENT CONNECTOR BYPASS-INSTALL IN HORIZONTAL PLANE LEVEL WITH TRAP RO'IN VERTICAL PLANE & BELOW TRAP ROVIDE BYPASS PIPING FOR AL TRAPS 25mm [1'] AND LARGER. USE 4-BOLT RAISED FACE FLANGES HIE SIZE SHALL BE SAME SIZE AS TRAP OFFE SIZE SHALL BE SAME SIZE AS TRAP SCHEDULE 80 STEEL PIPE SEE DRAWINGS FOR PIPE SIZES NOTE: ALL DRIP POINTS ON STEAM MAINS SHALL BE PROVIDED WITH A 300mr BOTTOM OF STEAM MAIN TO TRAP INLET. DRIP LEG SHALL HAVE 150mr ELOCAT AND THERMOSTATIC STEEA NTS	STEEL PIPE STEEL PIPE STEEL PIPE STEEL PIPE STEEL PIPE STEEL PIPE STEEL PIPE 25mm [1"] GATE VALVE FLOAT AND THERMOSTATIC TRAP. SEE PLANS, AND SCHEDULES TO RETURN MAIN DIELECTRIC FITTING WHERE RETURN IS COPPER PIPE m [12"] MINIMUM HIGH DRIP LEG FROM nm [6"] SCALE POCKET BELOW TRAP INLET.	
<u>DN</u>			FIRST 3 HANGERS FOR EACH PIPE AND BRANCH SHALL BE SPRING & NEOPRENE TYPE. TYPE "H" FOR 4" [100mm] DIA. PIPE & SMALLER. TYPE "H-P" FOR 5" [125mm] DIA. PIPE & LARGER. NISTALL HANGER AS CLOSE TO PIPE ELBOW AS POSSIBLE (TYPICAL) CHECK VALVE 1/2" [15mm] FLEXIBLE CONNECTOR (TYPICAL) PUMP FLOOR VIBRATION ISOLATOR (TYPICAL) NOTES: SEE SPECIFICATION SECTION "PUMPS" FOR Y STRAINER OPTION SINGLE SUCTION FLOOR-MCC - CONNECTORS WITH FLEEXI CONNECTORS NTS	DUNTED PUMPS BLE	
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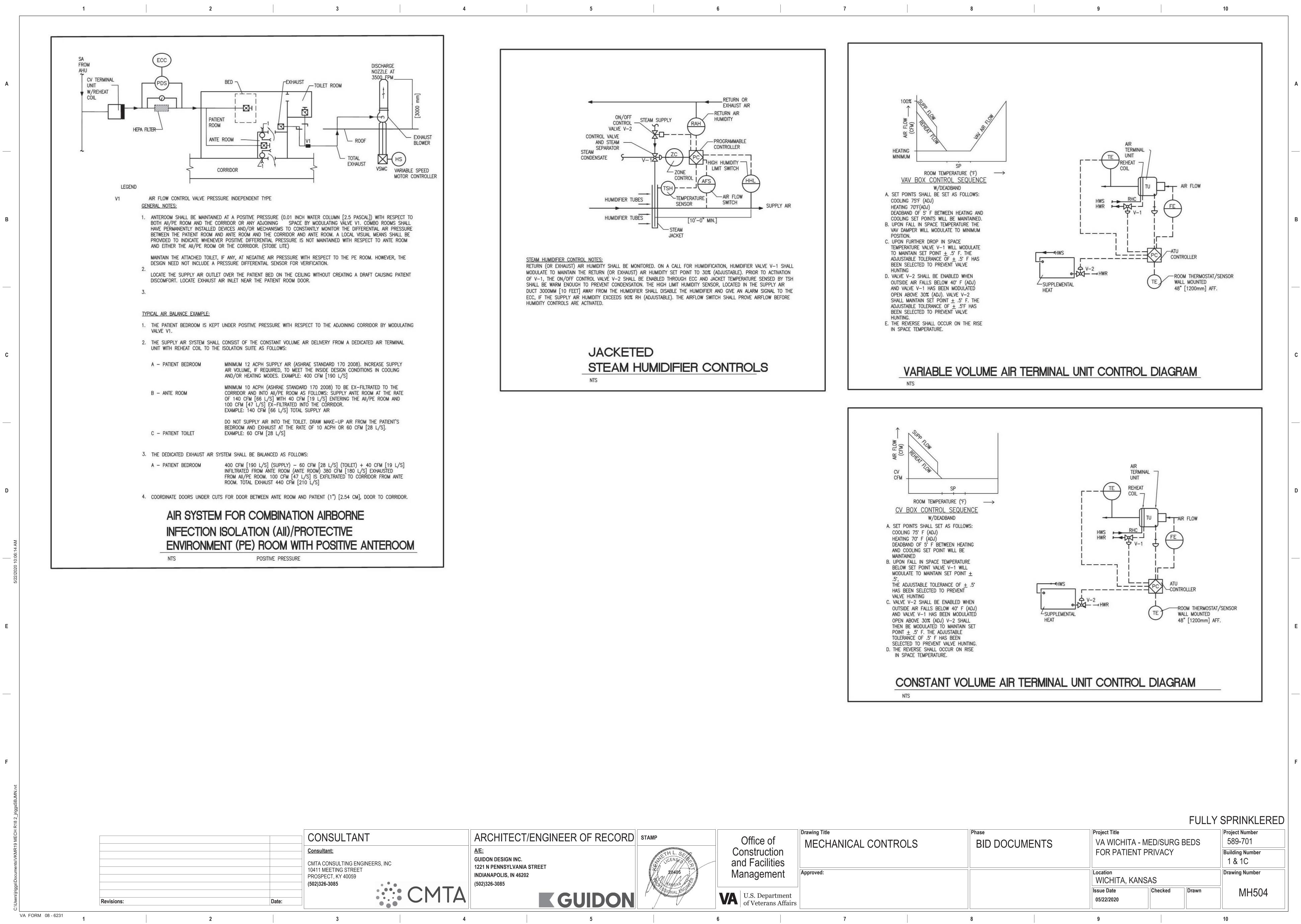
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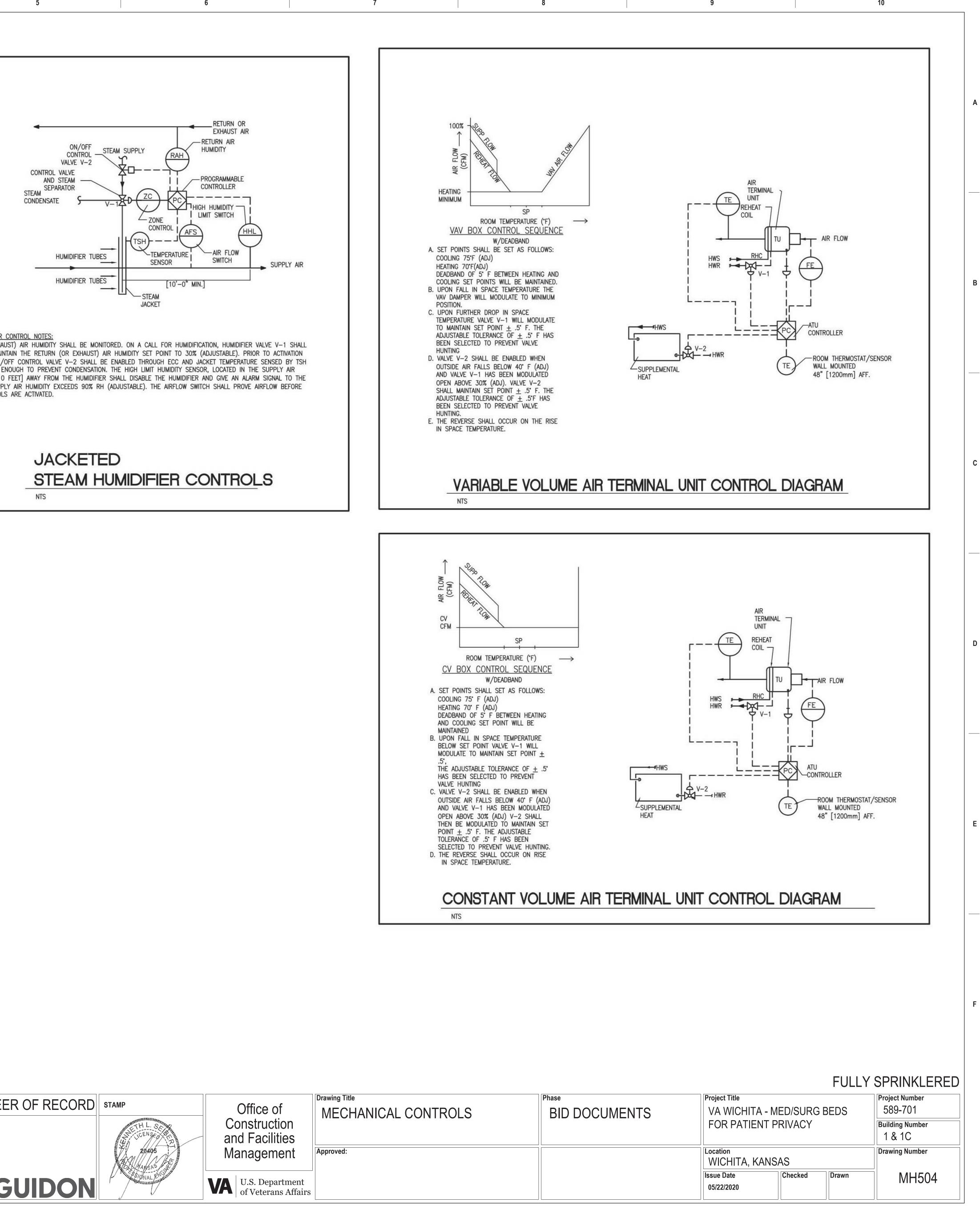
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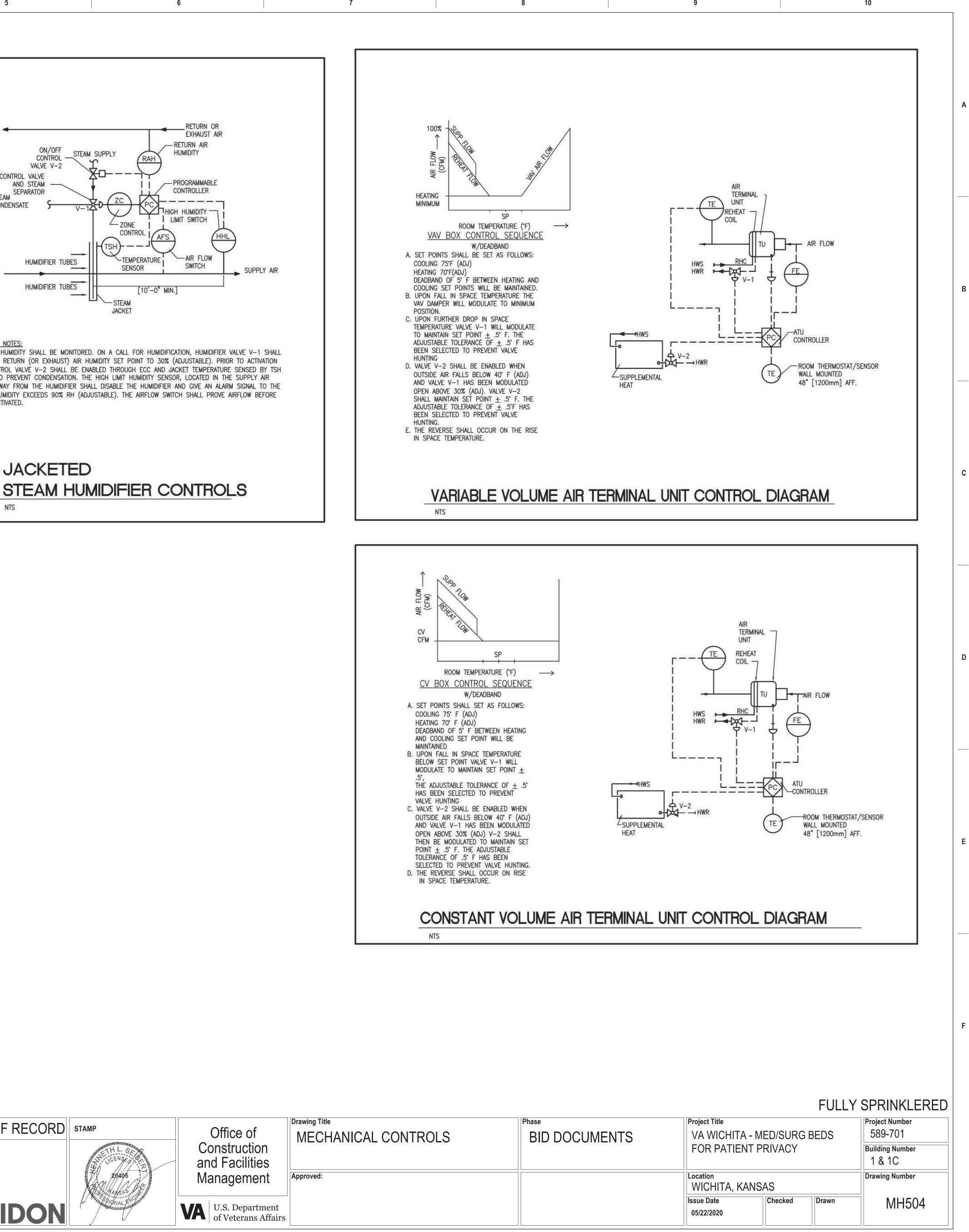
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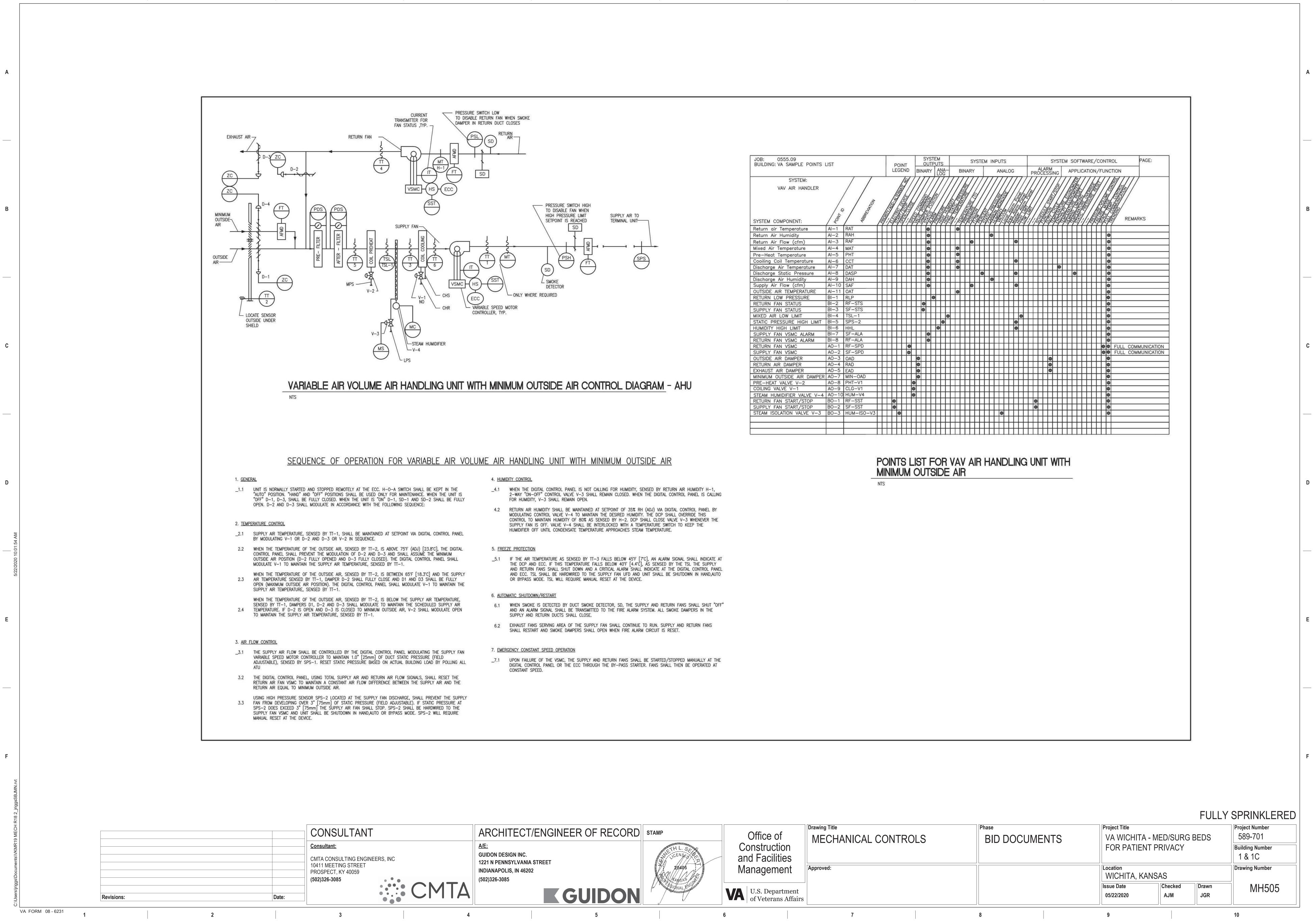
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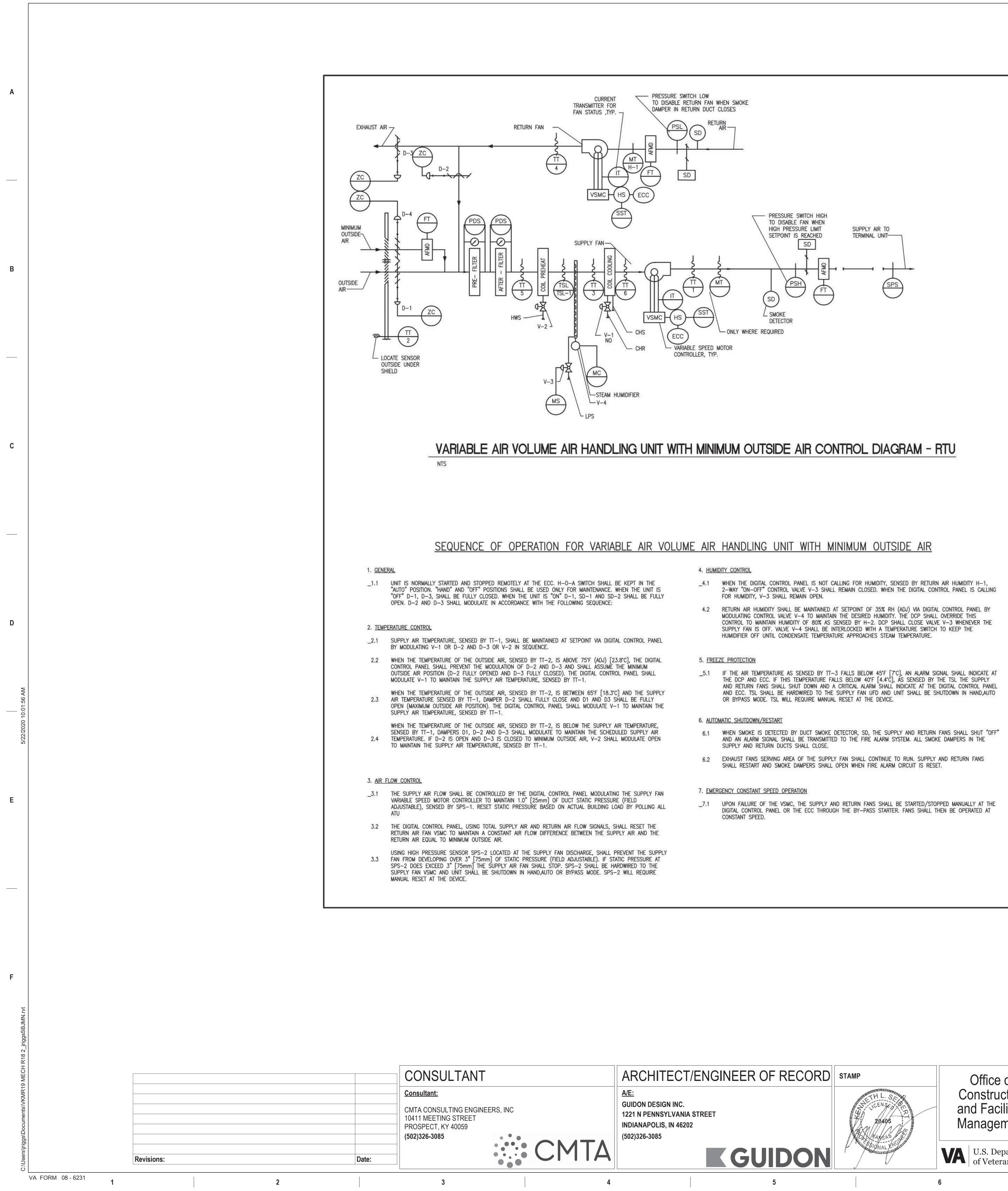


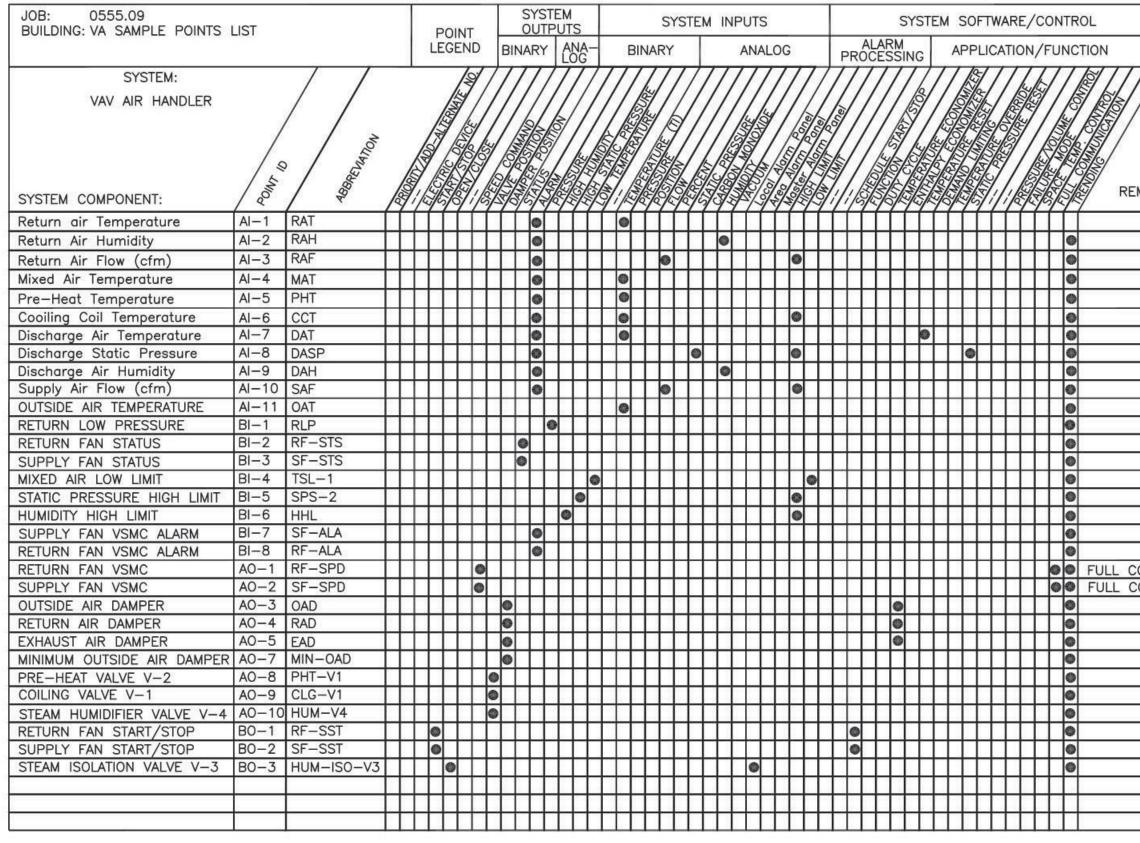


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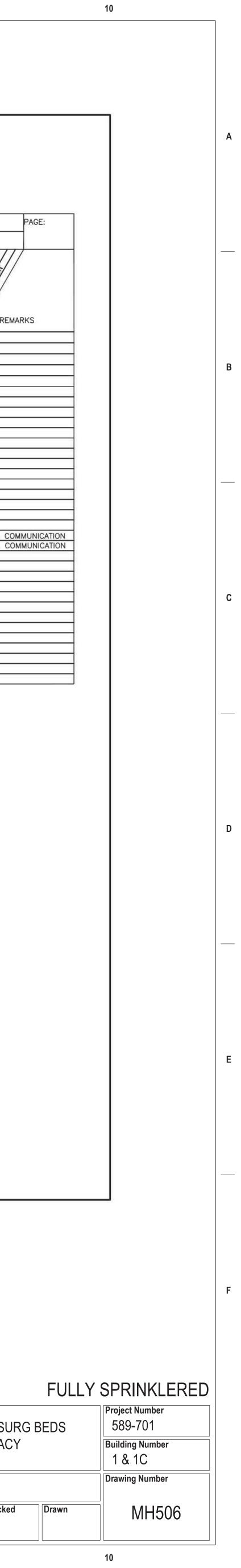
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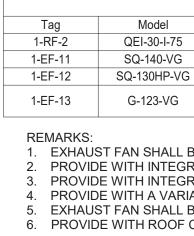




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IDENTITY AREA	SUPPLY FAN     RETURN FAN       MOTOR     MOTOR     MOTOR       FAN     ESP     FAN     FAN	ELECTRICAL Entering Leavin	RTU SCHEDULE HEATING	HEATING WATER O FACE APD VEL. WPD	COIL FILTER FACE AREA APD	BLENDER UNIT SIZE (IN) OPER. F.V.	Chilled Water Coil     Chilled Water Coil 2       A.P.D.     W.P.D.       F.V.     A.P.D.
#     MODEL     PRODUCT     LOCATION     SERVED     TSP       68     OAH     Skyline     ROOF     SECOND AND THIRD 1C     4.71	TYPERPM(IN-WG)DRIVEMCABHPHPVFDDISCONNTYPERPMDRIVEMCABHPHPQPAC5113022.00Direct174.97.0NoNoEBM35 5-RPII9733Direct71.22.3	VFDVoltagePhaseTotal CapDBTDBTNo460 V3270000.04060	DESCRIPTION ROWS FPI (	N-WG)         (FPM)         EWT         LWT         (FT-WG)           0.17         495         180         145         4.90         145	Actual FlowTYPE(SF)SIZE(IN-WG)ME15Pleated (MERV 8)15.22.000.613	ERV         DESCRIPTION         (IN-WG)         L         W         H         WT (LB)         (ft/min           30         Kees Inc.         0.29         432         68         54         7151         468	n)         (inH20)         (ftH2o)         Rows         (ft/min)         (inH20)         (ftH2o)         Rows           0.63         7.11         6         468         0.12         7.11         2
WITH SESMIC CURB. OOLING COIL FOR 15% GLYCOL. WITH HUMIDIFIER AND DISRIBUTION TUBES, 175 LBS/HR.							
					AHU2 SCHEDULE		
		MARK DES. # MODEL LOCATION AREA SERVED TSP	SUPPLY FAN       ESP     MCA       TYPE     (IN-WG)	MOTOR ELECT	RICAL HE/ Phase Total Cap DBT DBT DESC		APD (IN-WG)OPER. MERVF.V. WT (LB)A.P.D. (inH20)W.P.D. (ftH20)APD (IN-WG)WERVWT (LB)F.V. (ft/min)A.P.D. (inH20)W.P.D. (ftH20)
		I-AHU-2 AHU 423 CAH EAST BASEMENT SECOND 5.77 BASEMENT FLOOR EAST	QPAC3 3.00 Direct 81	3.3 4.2 Yes No 200 V	3 915460.0 40 92 5JA	A0701B 1 7 0.09 528 30.4 2.00	0.00 30 6457 512 0.68 4.73 6
	R 1. 2.	EMARKS: UNIT SHALL BE DOUBLE WALL CONSTRUCTION. PERFORATED PANEL DRAIN PAN FOR CHILLED WATER COIL SECTIONS. ENTIRE DRAIN SHA CASINGS. WATER CARRY OVER IS NOT ALLOWED. SELECT COOLING REFER TO THE DRAWINGS FOR CONFIGURATION.THE TOTAL STATIC LISTED ESP, (B) DIRTY FILTER ALLOWANCE, (C) PRESSURE DROPS TH	ALL BE PITCHED TO OUTLETPROVIDE STAINL	ESS STEEL COOLING COIL			
	3. 4. 5. 6. 7	LISTED ESP, (B) DIRTY FILTER ALLOWANCE, (C) PRESSURE DROPS TH PROVIDE INTERNALLY ISOLATED (WITH HOUSED SPRINGS, 2" MINIMU COORDINATE SHIPPING SPLITS AS REQUIRED FOR INSTALLATION. COOLINGS COILS SHALL BE SELECTED FOR 15% GLYCOL. PROVIDE ACCESS DOORS ON BOTH SIDES OF UNITS. HEIGHT INCLUDES INTEGRAL BASE RAIL.	M) FANS AND PROVIDE WITH HIGH EFFICIEN	CY ODP FAN MOTOR.			
	REGISTERS, GRILLES AND DIFFUSERS SCHEDULE					AV/OAV/FVAV BOX SCHEDULE	
	SYMBOL     MATERIAL & TYPE     CFM RANGE     INLET DUCT SIZE     FACE SIZE				DUCT CONNECTION COOLING NLET OUTLET CFM MAX / HEATING MIN CFM DOWNSTREAM	EAT DEG LAT DEG PRESSURE EWT DEG LWT DEG	GPM WATER PRESSURE DROP FT HD ROWS SIZE REMARKS
	S-1EXTRUDED ALUMINUM SQAURE PLAQUE FACE0-1006"Ø24x24S-1AEXTRUDED ALUMINUM SQAURE PLAQUE FACE0-1006"Ø12x12S-2EXTRUDED ALUMINUM SQAURE PLAQUE FACE101-2258"Ø24x24S-3EXTRUDED ALUMINUM SQAURE PLAQUE FACE226-35010"Ø24x24S-4EXTRUDED ALUMINUM SQAURE PLAQUE FACE351-60012"Ø24x24	6"Ø         1, 2, 3           6"Ø         1, 2, 3, 6           8"Ø         1, 2, 3           10"Ø         1, 2, 3           12"Ø         1, 2, 3		1-V 07 2.4 DESV	6"         12"x8"         350 / 175         260         0.25"           6"         12"x8"         350 / 185         260         0.25"           4"         12"x8"         175 / 125         125         0.25"           7"         12"x10"         450 / 250         335         0.25"	11.3         55         95         0.16         180         145           11.3         55         95         0.16         180         145	0.7         0.09         2         3/4"           0.7         0.09         2         3/4"           0.6         0.08         1         3/4"           0.7         0.13         2         3/4"
	S-5EXTRUDED ALUMINUM 3/4" BLADE SPACING DOUBLE DEFLECTION101-22512"x8"14"x10"S-648" ALUMINUM 2-1" SLOTS WITH PLENUM37.5 / LF8"Ø48"X5"	12"x8"     1, 2, 3, 4, 5       8"Ø     1, 3		1-V 05         2.5         DESV           1-V 05         2.6         DESV           1-V 08         2.7         DESV           1-V 06         2.8         DESV	12"x10"         100 / 200"         000 / 200"         000 / 200"           5"         12"x8"         150 / 100         100         0.25"           5"         12"x8"         200 / 100         150         0.25"           8"         12"x10"         620 / 360         465         0.25"           6"         12"x8"         250 / 125         175         0.25"           5"         12"x8"         200 / 100         150         0.25"	4         55         92         0.02         180         153           5.7         55         90         0.03         180         158           14.2         55         90         0.17         180         134           9.2         55         95         0.09         180         149           8.6         55         95         0.06         180         151	0.1         0.10         2         0.11           0.5         0.08         1         3/4"           0.5         0.15         1         3/4"           0.6         0.11         2         3/4"           0.6         0.08         2         3/4"           0.6         0.08         2         3/4"
	R-1         EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE         0-100         6"Ø         24x24           R-2         EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE         101-225         8"Ø         24x24           R-3         EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE         226-350         10"Ø         24x24           R-4         EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE         351-600         12"Ø         24x24	6"Ø         1, 2, 3           8"Ø         1, 2, 3           10"Ø         1, 2, 3           12"Ø         1, 2, 3		1-V 05         2.9         DESV           1-V 04         2.10         DESV           1-V 06         2.11         DESV           1-V 09         2.12         DESV           1-V 09         2.13         DESV	5"         12"x8"         200 / 100         150         0.25"           4"         12"x8"         150 / 100         100         0.25"           6"         12"x8"         300 / 150         200         0.25"           9"         14"x12"         750 / 375         450         0.25"           9"         14"x12"         750 / 375         450         0.25"	8.6         55         95         0.06         180         151           7         55         95         0.04         180         157           11.6         55         95         0.08         180         141           17.1         55         90         0.23         180         136           17.1         55         90         0.23         180         136	0.6         0.08         2         3/4"           0.6         0.08         1         3/4"           0.6         0.1         2         3/4"           0.8         0.15         2         3/4"           0.8         0.15         2         3/4"
	R-5EXTRUDED ALUMINUM 3/4" BLADE SPACING SINGLE DEFLECTION101-22512"x8"14"x10"R-6EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE601-100014"Ø24x24R-748" ALUMINUM 2-1" SLOTS WITH PLENUM75 / LF10"Ø48"X5"	12"x8"     1, 2, 3, 4, 5       14"Ø     1, 2, 3       10"Ø     1, 3		1-V 09         2.13         DESV           1-V 10         2.14         DESV           1-V 06         2.15         DESV           1-V 06         3.1         DESV           1-V 05         3.2         DESV	10"         14"x12"         670 / 335         500         0.25"           6"         12"x8"         225 / 110         170         0.25"           6"         12"x8"         310 / 160         230         0.25"           5"         12"x8"         200 / 100         150         0.25"	19.955910.151801369.155950.0818014910.355950.131801455.755900.03180158	0.8         0.15         2         3/4           0.9         0.1         2         3/4"           0.6         0.08         2         3/4"           0.6         0.08         2         3/4"           0.5         0.15         2         3/4"
	E-1         EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE         0-100         6"Ø         24x24           E-1A         EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE         0-100         6"Ø         12x12           E-2         EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE         101-225         8"Ø         24x24           E-2A         EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE         101-225         8"Ø         12x12	6"Ø         1, 2, 3           6"Ø         1, 2, 3, 6           8"Ø         1, 2, 3           8"Ø         1, 2, 3, 6		1-V 07         3.3         DESV           1-V 07         3.4         DESV           1-V 05         3.5         DESV           1-V 05         3.6         DESV	7"         12"x10"         300 / 150         225         0.25"           7"         12"x10"         410 / 205         310         0.25"           5"         12"x8"         200 / 100         150         0.25"           5"         12"x8"         200 / 100         150         0.25"	12.555950.0918013813.155940.131801365.755900.031801585.755900.03180158	0.6         0.1         2         3/4"           0.6         0.1         2         3/4"           0.5         0.15         2         3/4"           0.5         0.15         2         3/4"
	E-4       EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE       351-600       12"Ø       24x24         REMARKS:       1. CEILING T-BAR MOUNTED IN 24"x24" ALUMINUM PANEL. UNLESS NOTED WITH AN 'A' ON THE PLANS.       1000000000000000000000000000000000000	1, 2, 3, 0 12"Ø 1, 2, 3		1-V 07         3.7         DESV           1-V 05         3.8         DESV           1-V 07         3.9         DESV           1-V 09         3.10         DESV           1-V 06         3.11         DESV	7"         12"x10"         410 / 205         310         0.25"           5"         12"x8"         200 / 100         150         0.25"           7"         12"x10"         300 / 150         225         0.25"           9"         14"x12"         360 / 180         270         0.25"           6"         12"x8"         240 / 120         180         0.25"	13.155940.131801368.655950.0618015111.655950.0818014115.655950.061801459.355950.09180149	0.6         0.1         2         3/4"           0.6         0.08         2         3/4"           0.6         0.1         2         3/4"           0.6         0.1         2         3/4"           0.9         0.1         2         3/4"           0.6         0.08         2         3/4"
	<ol> <li>PROVIDE DIFFUSER WITH MOLDED THERMAL BLANKET.</li> <li>PROVIDE WHITE IN COLOR.</li> <li>SIDEWALL OR DUCT MOUNTED.</li> <li>PROVIDE WITH ALUMINUM OPPOSED BLADE DAMPER.</li> <li>"A" INDICATES GRILLE SHALL BE PROVIDED WITH 1" BORDER TO BE SURFACE MOUNTED.</li> </ol>			1-V 073.12DESV1-V 103.13DESV1-V 063.14DESV1-V 043.15DESV	7"         12"x10"         270 / 135         200         0.25"           10"         14"x12"         625 / 325         470         0.25"           6"         12"x8"         325 / 170         245         0.25"           4"         12"x8"         125 / 100         100         0.25"	9.3         55         95         0.09         180         149           11         55         95         0.06         180         143           19.5         55         93         0.14         180         136           10.6         55         94         0.14         180         144           4         55         92         0.02         180         152	0.6         0.1         2         3/4"           0.9         0.1         2         3/4"           0.6         0.08         2         3/4"           0.5         0.08         2         3/4"
				1-V 06         3.16         DESV           1-V 05         3.17         DESV           1-V 06         3.18         DESV           1-V 07         3.19         DESV           1-V 05         3.20         DESV	6"         12"x8"         250 / 125         175         0.25"           5"         12"x8"         205 / 100         150         0.25"           6"         12"x8"         225 / 110         170         0.25"           7"         12"x10"         400 / 200         300         0.25"           5"         12"x8"         200 / 100         150         0.25"	9.2         55         95         0.09         180         149           4         55         92         0.03         180         153           9.1         55         90         0.08         180         149           13         55         95         0.12         180         137           5.7         55         90         0.03         180         158	0.6         0.08         2         3/4"           0.5         0.08         2         3/4"           0.6         0.08         2         3/4"           0.6         0.1         2         3/4"           0.5         0.08         2         3/4"
	PUMP SCHEDULE			1-V 05         3.20         DESV           1-V 06         3.21         DESV           1-V 16         3.22         DESV           1-V 06         3.23         DESV           1-V 06         3.24         DESV	5"         12"x8"         200 / 100         150         0.25"           6"         12"x8"         300 / 240         240         0.25"           16"         24"x18"         1200 / 600         900         0.25"           6"         12"x8"         300 / 240         240         0.25"           6"         12"x8"         300 / 240         240         0.25"           6"         12"x8"         300 / 240         240         0.25"	10.5         55         95         0.12         180         145           41.4         55         95         0.09         180         134           10.5         55         95         0.12         180         145           41.4         55         95         0.12         180         134           10.5         55         95         0.12         180         145	0.5         0.08         2         3/4"           0.6         0.08         2         3/4"           1.8         0.08         2         3/4"           0.6         0.08         2         3/4"           0.6         0.08         2         3/4"           0.6         0.08         2         3/4"           0.6         0.08         2         3/4"
	MARKMODELSERVICEGPMHEAD (FT)MOTOR HP)1-P-HWC-1SERIES 60RTU HW COIL15100.25441-P-HW41510HEATING WATER9060564.9REMARKS:	RPM         VOLTAGE         PHASE         FREQUENCY         REMARK           1800         115 V         1         60         2, 3           1800         208 V         3         60         1,2,3		1-V 09         3.25         DESV           1-V 06         3.26         DESV           1-V 08         3.27         DESV           1-V 06         3.28         DESV           1-V 06         3.28         DESV	9"         14"x12"         525 / 265         395         0.25"           6"         12"x8"         250 / 250         250         0.25"           8"         12"x10"         425 / 300         300         0.25"           6"         12"x8"         275 / 240         240         0.25"           8"         12"x8"         275 / 240         240         0.25"	18.3         55         95         0.1         180         139           10.6         55         94         0.09         180         144           13.3         55         92         0.13         180         135           10.5         55         95         0.11         180         145           13.3         55         92         0.13         180         135           10.5         55         95         0.11         180         145	0.9         0.1         2         3/4"           0.6         0.08         2         3/4"           0.6         0.1         2         3/4"           0.6         0.1         2         3/4"           0.6         0.1         2         3/4"           0.6         0.1         2         3/4"           0.6         0.08         2         3/4"
	REMARKS: 1. PROVIDE WITH CONCRETE PAD. 2. PUMP SHALL NOT USE MORE THAN 90% OF FULL IMPELLER. 3. LESS EFFICIENT PUMPS WILL NOT BE ACCEPTED.			1-V 08         3.29         DESV           1-V 06         3.30         DESV           1-V 06         3.31         DESV           1-V 08         3.32         DESV           1-V 05         3.33         DESV	8"         12"x10"         450 / 250         340         0.25"           6"         12"x8"         300 / 240         240         0.25"           6"         12"x8"         275 / 240         240         0.25"           8"         12"x10"         400 / 265         265         0.25"           5"         12"x8"         200 / 100         150         0.25"	13.5         55         92         0.15         180         135           10.5         55         95         0.12         180         145           10.5         55         95         0.11         180         145           10.5         55         95         0.11         180         145           15.4         55         95         0.07         180         145           8.6         55         95         0.06         180         151	0.6         0.1         2         3/4"           0.6         0.08         2         3/4"           0.6         0.08         2         3/4"           0.9         0.1         2         3/4"           0.6         0.08         2         3/4"
	HEAT EXCHANGER SCHEDULE			1-CV 08         3.34         DESV           1-V 08         3.35         DESV	8"         12"x8"         430 / 430         430         0.25"           8"         12"x10"         350 / 250         250         0.25"           10"         14"x12"         630          0.25"	16.3         55         90         0.14         180         136           12.4         55         95         0.1         180         138           0         0         0         0         0         0         0	0.8         0.14         2         3/4"           0.6         0.1         2         3/4"           0         0         0         -
	MARKMODELSERVICEWATER GPMEWT/LWTHEATING CAPACITY (MBH)STEA PRESSU PSI1-HXSU-65-2HEATING WATER90150 / 180132030		Г				
	REMARKS: 1. PROVIDE WITH STAND.			1-RF-2         QEI-30-I-75         Mixed F           1-EF-11         SQ-140-VG         Direct Drive C	escription Drive Type Volume (CFM) External SF Flow Belt Drive Belt 15000 2.00 Centrifugal Inline Fan Direct 1750 1.50	EXHAUST AND RETURN FAN SCHEDULEP (in-wg)Motor Size (hp)FLA (Amps) (Approximate)Voltage (V)Phase Num007.5024.22083501.0061151	ber         Fan RPM         Inlet Sones         Outlet Sones         Motor Speed         REMARKS           1018         19         23         1725         4, 5           1426         11         14         1725         1, 2, 3, 5
				1-EF-12     SQ-130HP-VG     Direct Drive C       1-EF-13     G-123-VG     Direct Drive Ce       REMARKS:     Image: Comparison of the second	Centrifugal Inline FanDirect6501.50ntrifugal Roof Exhaust FanDirect11501.50	50         0.75         10.5         115         1           50         0.50         6.4         115         1	1793         11         0         1950         4, 5           1725         14         0         1725         1, 2, 3, 5, 6
				<ol> <li>EXHAUST FAN SHALL BE PROVIDED WIT</li> <li>PROVIDE WITH INTEGRAL DISCONNECT</li> <li>PROVIDE WITH INTEGRAL BACKDRAFT I</li> <li>PROVIDE WITH A VARIABLE MOTOR SPE</li> <li>EXHAUST FAN SHALL BE UL LISTED.</li> </ol>	SWITCH. DAMPER.		
				6. PROVIDE WITH ROOF CURB.			
			,				FULLY SPF
	CONSULTANT Consultant:	ARCHITECT/ENGINEER OF REC	STAMP		Drawing Title MECHANICAL SCHEDULES	Phase BID DOCUMENTS	Project TitleProject TitleVA WICHITA - MED/SURG BEDS58FOR PATIENT PRIVACYBuild
	CMTA CONSULTING ENGINEERS, INC 10411 MEETING STREET PROSPECT, KY 40059	GUIDON DESIGN INC. 1221 N PENNSYLVANIA STREET INDIANAPOLIS, IN 46202	LICENSCOTORINA	and Facilities	Approved:		Location Draw
Revisions:	Date:		DINAL PUCKAS	U.S. Department of Veterans Affairs			WICHITA, KANSAS Issue Date 05/22/2020 Checked Drawn



GENERAL NOTES (APPLICABLE TO AI 1. EACH CONTRACTOR, PROPOSER, SUPPLIER A SHALL REFER TO ALL DOCUMENTS PERTAIN COORDINATE ACCORDINGLY SO AS TO INSU COMPLIANCE WITH SPECIFICATIONS, PROPER CHARACTERISTICS TO AVOID CONFLICT WITH	AND/OR MANUFACTURER IING TO THIS PROJECT AND RE ADEQUACY OF FIT, & VOLTAGE AND CURRENT	26. ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVED AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.			EVICE MODEL 4 EFER TO SPECS NONE LISTED	ACKBOX, COVEF APPLICABLE	RAWING SYMBOL			EFFER TO SPECS EFFER TO SPECS NONE LISTED ACKBOX, COVER APPLICABLE			
SYSTEMS. VERIFY SAME WITH SHOP DRAW 2. ALL OFFSETS, TURNS, FITTINGS, TRIM, DETA INDICATED, BUT SHALL BE PROVIDED AS RI ALLOWANCES SHALL BE INCLUDED FOR SAM	INGS. IL, ETC. MAY NOT BE EQUIRED. ADDITIONAL	27. ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR SHALL BE INSTALLED CONTINUOUS INSOFAR AS POSSIBLE FROM TERMINAL POINT	<u>System</u> Switches	LIGHT SWITCH: GENERAL PURPOSE EXAM LIGHT SWITCH		CÎL         ∑           VERIFY WITH OWNER         4'-0"		SYSTEM NURSE CALL	TTEM BED INTERFACE (HILL-ROM SIDECOM) DOME LIGHT WITH TONE ALARM	□         □	D     SYSTEM       SC     SECURITY       C     PANIC       ALARM	PANIC ALARM BUTTON PANIC ALARM ANNUNCIATOR	
DISCRETION. 3. INSTALL NO PIPING, CONDUIT, DUCTWORK, E IN A MANNER WHICH WILL ALLOW FREEZING	ETC. IN A LOCATION OR S AND THE COLLECTION OF	TO TERMINAL POINT. 28. ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO INSURE THAT THEY DO NOT INTERRUPT ANY		NIGHT LIGHT SWITCH LIGHTING CONTROL MASTER STATION DIMMER SWITCH		4'-0" 4'-0" 4'-0"	т Sмs		DOME LIGHT : WALL MOUNTED DOME LIGHT : CEILING MOUNTED EMERGENCY STATION : PULLCORD	6" ABV. DOOR CEIL 4'-0"	OL     W       OL     C       SECURITY       NTRUSION       PC       DETECTION	PANIC ALARM POWER SUPPLY CABINET MOTION DETECTOR MOTION DETECTOR KEYPAD CONTROLLER	
CONDENSATION THEREON. IF IN DOUBT, CO 4. ADVISE THE ENGINEERS OF ANY CONFLICTS, ETC. AT LEAST TEN DAYS PRIOR TO BID D	, ERRORS, OMISSIONS,	EXISTING SERVICE OR SUB-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		THREE-WAY SWITCH FOUR-WAY SWITCH		4'-0" 4'-0" 4'-0"	· Ş₄		EMERGENCY STATION : PUSHBUTTON STAFF STATION	4'-0'' 5'-0"	PB     SECURITY       SS     ACCESS       CONTROL	AUDIO/VIDEO INTERCOM STATION: MASTER WITH SELECTIVE DOOR CONTROLS, POWER SUPPLIES & DOOR RELAY CONTACTS AS REQUIRED FOR OPERATION	
CLARIFICATION BY WRITTEN ADDENDUM. 5. DEVIATION FROM SPECIFICATIONS OR PLANS WRITTEN APPROVAL FROM THE ENGINEERS	REQUIRES PRIOR	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,		KEYED SWITCH DUAL TECHNOLOGY, ULTRASONIC WALL MOUNTE OCCUPANCY SENSOR / VACANCY SWITCH LOW VOLTAGE VACANCY ON/OFF SWITCHES	ED SENSORSWITCH #WSX-SA SEE DETAIL	4'-0"	Υ`` Sos C LV, LV2		DUTY STATION MASTER STATION CODE BLUE STATION	5'-0" 5'-0" 4'-0"		AUDIO ONLY INTERCOM STATION: MASTER (EXISTING DEVICE TO REMAIN) AUDIO/VIDEO INTERCOM STATION: REMOTE WITH FLUSH-MTD S.S. ENCLOSURE AUDIO ONLY INTERCOM STATION: REMOTE	
WRITING NO LATER THAN TEN DAYS PRIOR ALSO NOTE 21). 6. OBSERVE ALL APPLICABLE CODES, RULES A	TO THE BID DATE. (SEE	THE MOST STRINGENT REQUIREMENT SHALL APPLY. 29. ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK		DUAL TECHNOLOGY, ULTRASONIC CEILING MOUNTED TYPE VACANCY/OCCUPANCY SENSOR DAYLIGHT SENSOR	·	VECT INTO ROOM TING CIRCUIT VECT INTO ROOM TING CIRCUIT CEIL			STAFF LOCATOR STATION INTERCOM STATION: FLUSH MOUNTED	CEIL 5'-0"	SL SL SS	MUTH FLUSH-MTD S.S. ENCLOSURE DOOR RELEASE ELEC STRIKE / MAG-LOCK MECHANISM AUTOMATIC DOOR CONNECTION	
APPLY TO THE WORK UNDER THIS CONTRA LOCAL, STATE, FEDERAL, MUNICIPALITY, UT ETC.)	CT. (CITY, COUNTY,	FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.		PILOT LIGHT SWITCH (ILLUMINATED WHEN LOAD IS ON) ILLUMINATED HANDLE LIGHT SWITCH (ILLUMINATED WHEN LOAD IS OFF)		4'-0"	Υ Spl Sil		SINGLE PATIENT STATION: WITH CALL CORD SINGLE PATIENT STATION: WITH PILLOW SPEAKER	5'-0" 5'-0" 5'-0"	SPP A	DOOR RELEASE PUSH-PLATE STATION DOOR RELEASE KEYPAD / KEYSWITCH STATION	
<ol> <li>INSTALL EQUIPMENT, MATERIALS, ETC. IN S MANUFACTURERS' RECOMMENDATIONS AND CONFLICT WITH THE DESIGN INDICATED IN C ADVISE THE ENGINEERS PRIOR TO INSTALLA</li> </ol>	DIRECTIONS. IF IN CONTRACT DOCUMENTS,	30. WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED.		PHOTO-CELL SENSOR AS NOTED LIGHT SWITCH FOR UNDER-CABINET LIGHTS LIGHT SWITCH: MOMENTARY CONTACT		AS NOTED 4'-0" 4'-0"	' Su	NURSE CALL	DUAL PATIENT STATION: WITH CALL CORD DUAL PATIENT STATION: WITH PILLOW SPEAKER NURSE CALL TERMINAL CABINET	5'-0"	NC-A SECURITY	DOOR RELEASE CARD READER STATION MOTION SENSOR DOOR CONTROL CCTV CAMERA. SUBSCRIPT IDENTIFIERS AS FOLLOW "F"-FIXED POSITION; 360-360° VIEW; 3WAY-3-WA	)WS.
CLARIFICATION. 8. DO NOT RECESS PANELBOARD TUBS OR OT EQUIPMENT IN WALLS THAT HAVE A FIRE F BY CODES. NO INSTALLATION SHALL DIMIN	RATING, AS REQUIRED	31. REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE GIVEN) FOR HEIGHTS AND MOUNTING RELATIONSHIP OF OUTLETS AND EQUIPMENT. IF IN DOUBT, CONTACT THE ENGINEER FOR DIRECTION PRIOR TO INSTALLING WORK.		LIGHT SWITCH: TIMER LIGHT SWITCH: CONTROL PANEL UNIT AS NOTED LIGHT SWITCH: COMBINE SWITCH UNIT AS NOTED		4'-0" 4'-0" 4'-0"	Scexx	OVERHEAD	VISUAL NURSE CALL ANNUNCIATOR VISUAL NURSE CALL TERMINAL CABINET PAGING SPEAKER (CEILING) ASSEMBLY	ТŎ TŎP 6'-6" ТО ТОР 6'-6" ТО ТОР СЕІL.			
9. THE PURPOSE AND INTENT OF ALL OF THE THIS PROJECT IS TO PROVIDE A COMPLETE	DOCUMENTS PERTAINING TO	32. FLUSH OR PEDESTAL – TYPE FLOOR OUTLETS, AS INDICATED ON PLAN SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE SHOWN ON PLANS. IF IN DOUBT, CONTACT THE		LIGHT SWITCH: REMOTE STATION UNIT AS NOTED LOCAL RELAY FOR LIGHTING CONTROLS – REFER TO LIGHTING CONTROL SCHEMATICS 2'-0" WALL MOUNT	SEE	4'-0" ABOVE CEILING 6'-6"		PAGING	PAGING SPEAKER W/ VOLUME CONTROL PAGING SPEAKER (WALL) ASSEMBLY WALL VOLUME CONTROL	CEIL. 7'-0" 4'-0"	<ul> <li>€%</li> <li>→</li> <li>→</li></ul>	CCTV FLAT SCREEN MONITOR AS SPECIFIED WITH #KLC-WM3 WALL MOUNT KIT SECURITY SYSTEM EQUIPMENT RACK FIRE RATED POKE-THRU DEVICE ASSEMBLY UNIT SHALL BE	
LIKE NEW FACILITY. ANYTHING LESS SHALI 10. ALL SYSTEMS, EQUIPMENT AND MATERIALS A NEAT AND WORKMANLIKE MANNER. WOR	ARE TO BE INSTALLED IN	ENGINEER PRIOR TO ROUGHING-IN ANY WORK. 33. AS APPLICABLE, REFER TO ARCHITECTURAL PHASING PLANS AND PHASING BOUNDARIES ON THESE DRAWINGS FOR SEQUENCING OF WORK,	SHADING INDICATES EMERGENCY OPERATION,	2'x2' CEILING TROFFER 2'x4' CEILING TROFFER	SCHEDULE SEE SCHEDULE	CEIL.			PAGING MICROPHONE PAGING SYSTEM AMPLIFIER/TUNER CABINET	8" ACT V 6'-6" TO TOP	HV>     SPECIAL OUTLETS       Image: PA-A     PA-A	WREMOLD/LEGRAND #6AT2PBK SERIES (OR APPROVED EQUAL) TWO (2) 20A DUPLEX RECEPTACLES AND ONE (1) GANG FOR F DATA PROVISIONS. COORDINATE FINISH SELECTIONS AND CARPE THE FLANGE WITH ARCHITECT. USE AT ELEVATED SLAB LOCATIO	FOUR (4) PET VS
CRITERION SHALL BE REMOVED AND REINST FINAL DETERMINATION OF THE ACCEPTABILI WORK RESIDES WITH THE ENGINEER.	ITY OF THE QUALITY OF	FULL EXTENT OF AREAS INVOLVED, EXTENT OF CEILING WORK, ETC. PROVIDE TEMPORARY CONNECTIONS FOR CIRCUITS AND WORK AS REQUIRED TO MAINTAIN SEQUENCE OF THE WORK FROM PHASE TO PHASE.	DIAGONAL SLASH INDICATES RECESSED	1'x4' CEILING TROFFER DOWNLIGHT	SCHEDULE SEE SCHEDULE SEE SCHEDULE	CEIL.		Sound Masking Audio System	SOUND MASK SPEAKER (CEILING OR WALL) ASSEMBLY SOUND MASK AMP AND GENERATION SYSTEM CABINET	7-0	SS-AMP	FIRE RATED POKE-THRU DEVICE ASSEMBLY UNIT SHALL BE WIREMOLD/LEGRAND #6AT2PBK SERIES (OR APPROVED EQUAL) ONE (1) 20A DUPLEX RECEPTACLE, ONE (1) GANG FOR FOUR ( PROVISIONS, AND ONE (1) GANG FOR HDMI CONNECTION TO TV ROOM. REFER TO FLOOR PLANS FOR ADDITIONAL REQUIREMENTS COORDINATE FINISH SELECTIONS AND CARPET VS TILE FLANGE	(4) data TV in This NTS.
11. ALL WORK, MATERIALS, EQUIPMENT, ETC. SH GUARANTEED FOR ONE FULL CALENDAR YE SUBSTANTIAL COMPLETION AS DOCUMENTEE UNLESS LONGER WARRANTY PERIODS FOR	AR FROM THE DATE OF D BY THE ENGINEERS,	34. WHERE EXIT LIGHTS ARE CONNECTED TO EMERGENCY CIRCUITS WITH KEYSWITCH OR CONTACTOR CONTROL, AN UNSWITCHED LINE SHALL BE PULLED IN TO MAINTAIN THEIR OPERATION REGARDLESS OF SWITCH		DIRECTIONAL DOWNLIGHT EXAM LIGHT	SEE SCHEDULE SEE SCHEDULE	CEIL. CEIL.	Ŏ ⊚×	PHYSIOLOGICAL	PATIENT ROOM OUTLET	1G 5'-4"	P	ARCHITECT. USE AT ELEVATED SLAB LOCATIONS. 	wiii
12. UNLESS OTHERWISE SPECIFIED OR INDICATED AND/OR MATERIALS WITHIN OCCUPIED SPAC ON THE BUILDING EXTERIOR SHALL BE PRIN	CES OR EXPOSED TO VIEW MED AND FINISHED SO AS	POSITION. 35. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING		EXIT LIGHT(CEILING, END, WALL MOUN UNDERCABINET LIGHT/INDUSTRIAL FIXTURE AS NOTED	T) SEE SCHEDULE SEE SCHEDULE	AS NOTED ACT. CEIL.	<b>●</b> , <b>↓</b> , <b>●</b>	TELEMETRY MONITORING	NURSE STATION OUTLET REMOTE STATION OUTLET	1G 1'-6" 1G 7'-0"	R	REQUIREMENTS WITH MANUFACURER. PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120V- 24V AND SUPPLIED WITH PLUMBING FIXTURE. MOUNT ABOVE SUSPENDED	
TO COMPLEMENT ADJACENT SURFACE, UNLI 13. WHERE PENETRATING ROOFING MEMBRANE OF FOR WEATHERPROOFING THE BUILDING, MARKING THAT WITH THA	DR OTHER MATERIALS USED KE SUCH PENETRATIONS IN	SHALL BE IN ACCORD WITH THE ARCHITECT'S STANDARDS FOR SUCH WORK. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEERS FOR CLARIFICATIONS PRIOR TO		INDICATES LIGHT IS POWERED FROM THE EMERGENCY CRITICAL BRANCH INDICATES LIGHT IS POWERED FROM THE					CEILING ANTENNA FREE STANDING SYSTEM RACK	CEIL.		ACCESSIBLE CEILING AS REQUIRED. PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE AS/IF NEEDED. PROVIDE CONNECTION TO 208-VOLT, 20-AMP HAND DRYER (SEE ARCHITECTUAL FOR	
A WAY THAT WILL NOT VOID OR DIMINISH INTEGRITY IN ANYWAY. COORDINATE ALL S THE ROOFING INSTALLER.	SUCH PENETRATIONS WITH	INSTALLING ANY SUCH WORK. 36. INTERRUPTION OF ANY EXISTING SERVICES SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR, UTILITY COMPANY AS NECESSARY,	POWER OUTLETS	EMERGENCY-LIFE SAFETY BRANCH SIMPLEX DUPLEX - SAFETY TYPE		1'-6"	↓ ↓ s	PANEL FUNITURE	ONE TWIST-LOCK "L5-20R" 120V RECEPTAC ON WALL FOR FURNITURE POWER CONNECTIO ONE TWIST-LOCK "L14-20R" 208V RECEPTA	N. 4-0		SPECIFICATIONS). SURFACE PLUG-MOLD AS NOTED DATA OUTLET : NUMBER BESIDE OUTLET	
<ol> <li>THE CONTRACTOR IS RESPONSIBLE FOR ALL CASH CONTRIBUTIONS OR OTHER COSTS TH MAY REQUIRE TO COMPLETE THEIR WORK. TELEVISION, ETC.)</li> </ol>	AT THE UTILITY COMPANY	AND THE ARCHITECT, AT LEAST ONE WEEK IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED, TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER		DUPLEX – SAFETT TIPE DUPLEX DUPLEX (ABOVE COUNTERTOP)		1'-6" 8"			ON WALL FOR FURNITURE POWER CONNECTIO	LE		INDICATES NUMBER OF DATA JACKS THAT THE ELECTRICAL CONTRACTOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED, THERE SHALL BE FOUR DATA JACKS.	
15. REFER TO ARCHITECTURAL FLOOR PLANS, E DETAILS FOR LOCATION OF RECEPTACLES, ELECTRICAL DEVICES, ETC.		OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED TWO WEEKS IN ADVANCE, IN WRITING. IF UTILITY COMPANY REQUIRES A LONGER NOTIFICATION PERIOD, SO PROVIDE.		DUPLEX WITH INTEGRAL GROUND FAULT PROTECTION GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER		ACT. 1'-6"	GFI		AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTION. ONE TWIST-LOCK "L14-20R" 208V RECEPTA AT CEILING UNIT (SEE ARCHITECTURAL			VOICE OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS THAT THE ELECTRICAL CONTRACTOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED, THERE SHALL BE ONLY ONE VOICE JACK.	
16. UNLESS OTHERWISE SPECIFIED OR INDICATED FIXTURES, DIFFUSERS, REGISTERS, GRILLES, SMOKE DETECTORS AND OTHER CEILING MO THE CEILING IN A SYMMETRICAL PATTERN,	SPRINKLER HEADS, DUNTED APPURTENANCES IN UNLESS SPECIFICALLY	37. LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT. SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL		WITH SWITCH (PROVIDE DIVIDER IF LIGHTING CIRCUIT IS 277V) QUADRUPLEX RECEPTACLE		4'-0" 1'-6"	C/s ↓ ↓		SCHEDULES) FOR FURNITURE POWER CONNECTION. TWO TWIST-LOCK "L5-20R" 120V RECEPTAC AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER	LES CEIL.		COMBINATION OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA/VOICE JACKS THAT THE ELECTRICAL CONTRACTOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED, THERE SHALL BE THREE DATA JACKS AND ONE VOICE JACK.	
INDICATED OTHERWISE ON THE ARCHITECTU 17. CEILING-MOUNTED ELECTRICAL DEVICES SHA 2'X2' CEILING TILE AND INSTALLED CENTER 2'X4' TILE AND ON CENTERLINE OR A QUA	ALL BE CENTERED IN ED ON 2' DIMENSION OF	FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT. 38. WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.		JUNCTION BOX 208/1ø RECEPTACLE, AS NOTED		AS NOTED			CONNECTIOŃS. TWO TWIST-LOCK "L14-20R" 208V RECEPTACLES AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE	CEIL.	С2А	DATA/VOICE OUTLET IN FLOOR AS NOTED TELEVISION/VIDEO SYSTEM OUTLET (84" AFF IF WALL BRACKET SHOWN). CONFIRM THE EXACT	
18. ANY VIBRATING, OSCILLATING OR OTHER NO PRODUCING EQUIPMENT SHALL BE ISOLATED	NSE OR MOTION	39. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT		208/30 RECEPTACLE, AS NOTED DUPLEX RECEPTACLE IN FLOOR AS NOTED	D	1'-6" FLOOR			POWER CONNECTIONS. TWO TWIST-LOCK RECEPTACLES AT CEILING I (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTIONS. ONE SHALL	- CEIL.	Ссав	HEIGHT AND LOCATION OF ALL TV OUTLETS WI OWNER STAFF / ARCHITECT PRIOR TO ROUGH- COMMUNICATION ROUGH IN ONLY PROVIDE BLANK COVER PLATE	WITH
SYSTEMS IN AN APPROVED MANNER. NOISY DAMAGING INSTALLATIONS SHALL BE SATISI REPAIRED AT THE INSTALLING CONTRACTOR DECISION ON THE SUITABILITY OF A PARTIC	Y OR STRUCTURALLY FACTORILY REPLACED OR RS' EXPENSE. THE FINAL	FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE		DUPLEX RECEPTACLE AT 4'-0" AFF DUPLEX RECEPTACLE (PEDESTAL MOUNT) DUPLEX RECEPTACLE WTH (2) INTEGRAL	SEE DETAIL	4'-0'' FLOOR	'		BE AN "L5-20R" 120V RECEPTACLE AND TH OTHER A "L14-20R" 208V RECEPTACLE. THREE TWIST-LOCK "L5-20R" 120V			SPECIAL VIDEO SYSTEM SIGNAL INPUT OUTLET : ABOVE COUNTERTOP	
ACCEPTABILITY SHALL BE THAT OF THE EN 19. CHECK ALL THREE PHASE MOTORS WITH & PRIOR TO PLACING IN SERVICE.		CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.		HIGH SPEED 4-AMP USB CHARGING PORTS SAFETY TYPE DUPLEX RECEPTACLE WITH (2 INTEGRAL 4-AMP USB CHARGING PORTS ELECTRIC WATER COOLER W/ REMOTE	2)	1'-6"			RECEPTACLES AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTIONS. FOUR TWIST-LOCK "L5-20R" 120V RECEPTACLES AT CEILING UNIT (SEE	CEIL.		OUTLET : WALL MOUNTED OUTLET (VOICE ONLY) : PAYPHONE TYPE MAIN DISTRIBUTION FRAME REACK -	
20. PROVIDE DETAILED SHOP DRAWINGS TO END PURCHASING AND INSTALLING ANY EQUIPME	ENT.	40. REFER TO ARCHITECTURAL DETAILS AS APPLICABLE FOR RECESSED SOFFIT FLUORESCENT FIXTURES. ADJUST FIXTURE LENGTHS BY FIELD MEASUREMENT OF SOFFIT, AS NECESSARY.	ABBREVIATIONS	READILY ACCESSIBLE GFI DÉVICE UNLESS OTHERWISE NOTED OWNER FURNISHED CONTRACTOR INSTALLED					ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTIONS.			REFERENCE DATA SYSTEM SHCEMATICS AND DETAILS. FOR ADDITIONAL INFORMATION / REQUIREMENTS INTERMEDIATE DISTRIBUTION FRAME RACK	
21. DEVIATIONS IN SIZES, CAPACITIES, FIT, FINIS EQUIPMENT FROM THAT PRIME SPECIFIED S RESPONSIBILITY OF THE PURCHASER OF TH PROVISIONS REQUIRED TO ACCOMMODATE A APPROVED BY THE ENGINEERS OR NOT, SH	HÁLL BE THE IAT EQUIPMENT. ANY A DEVIATION, WHETHER	41. WHERE OUTLETS ARE LOCATED APPROXIMATELY BACK-TO-BACK ON OPPOSITE SIDES OF A PARTY WALL, THE OUTLETS SHALL NOT BE INSTALLED IN THE SAME STUD SPACE, BUT SHALL BE SEPARATED BY A MINIMUM OF ONE STUD, UNLESS OTHERWISE APPROVED BY THE ARCHITECT.		OWNER FURNISHED OWNER INSTALLED CONTRACTOR FURNISHED CONTRACTOR INSTALLED			OFOI		CONTRACTOR PROVIDED PANEL FURNITURE DATA/VOICE OUTLET ON WALL FOR FURNITURE DATA/VOICE CONNECTI DATA/VOICE CONNECTORS, CABLING AND COVERPLATES BY CONTRACTOR.	ARE	√ FW	- REFERENCE DATA SYSTEM SHCEMATICS AND DETAILS. FOR ADDITIONAL INFORMATION / REQUIREMENTS TELECOMMUNICATIONS SYSTEM BACKBOARD.	
22. THE CONSTRUCTION MANAGER, GENERAL CO HOLDS THE PRIME CONTRACT(S) FOR THIS	DNTRACTOR, OR WHOMEVER	42. ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES,		CONTRACTOR FURNISHED OWNER INSTALLED INDICATES EMERGENCY POWER			CFOI E, EM		CONTRACTOR PROVIDED PANEL FURNITURE DATA/VOICE OUTLET AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULE FOR FURNITURE DATA/VOICE CONNECTIONS. DATA/VOICE CONNECTORS, CABLING AND COVERPLATES ARE BY CONTRACTOR.	S) CEIL.	√ FC	WHERE NEW, PROVIDE 96"H x 3/4"D FIRE-RETARDEN PLYWOOD BACKBOARD WITH TWO (2) COATS OF NON-CONDUCTIVE, FIRE-RETARDANT LIGHT GRAY PAIN #3/0 TO GROUND BAR AT NEAREST POWER PANELBO 30-PT GROUND BAR AND A 6"-0", #3 AWG PIGTALL BACKBOARD. INSTALL BOARD AT 2' AFF. (LENGTH OF	AINT, BOARD, L AT
RESPONSIBLE FOR THE COORDINATION, APP TIMELINESS OF THE WORK OF ALL TRADES, SUPPLIERS, INSTALLERS, ETC POOR OR UI PART OF ANY SUBCONTRACTOR SHALL BE	PEARANCE, SCHEDULING AND CONTRACTORS, NTIMELY WORK ON THE	NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT SHALL APPLY.		INDICATES NURSE CALL ITEM			NC OEM					BOARD AS INDICATED ON FLOOR PLAN). WIRELESS ACCESS POINT WITH CONNECTIONS FOR DATA CABLE. CABLING SHALL BE TERMINATED AT "WAP" AND AT DATA CLOSET, TESTED, LABELLED.	१ (1) T
ENGAGED THEM ON THIS PROJECT. 23. WHERE MOUNTING HEIGHTS ARE NOT INDICA WITH ANY OTHER BUILDING SYSTEM, CONTA AFFECTING INSTALLATION. REFER ALSO TO	ACT THE ENGINEERS BEFORE	43. WHERE WORK IS REQUIRED ABOVE INSTALLED EXISTING CEILINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING TILES, HARD						FIRE ALARM	MAIN CONTROL PANEL CENTRAL PROCESSING UNIT (CPU) NOTIFICATION APPLIANCE CIRCUIT POWER SUPPLY UNIT (NAC) PULL STATION : SINGLE ACTION	6'-6" TO TOP 6'-6" TO TOP 42" TO 42" TO LEVER 44" TO	FACP NAC MOUNT 80" ABOVE FLOOR OR 6" BELOW FLOOR OR 6" BELOW	WIRELESS COVERAGE SHALL BE RE-CERTIFIED AT COMPLETION OF PROJECT PER VA GUIDELINES. TELEVISION SYSTEM AMPLIFIER	
INTERIOR AND EXTERIOR WALL ELEVATIONS, OTHER DETAILS OF THESE DOCUMENTS, AS 24. WHERE FIRE RATED CEILING ASSEMBLIES AR	APPLICABLE. RE NOTED , PROVIDE	CEILINGS AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. IF EXISTING CORRIDOR CEILING TILES ARE DAMAGED, CONTRACTOR IS TO REMOVE TILES FROM A DESIGNATED ROOM AND USE THESE TO REPLACE DAMAGED CORRIDOR TILES. ALL NEW TILES ARE TO BE INSTALLED IN	MISC.	CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE: ARROW(S) INDICATE(S) HOME RUN & # OF CIRCUITS: HASHMARKS INDICATE # OF CONDUCTORS			NEUTRA	L	PULL STATION : DOUBLE ACTION ELECTRONIC CHIME / ADA STROBE PATIENT ROOM "MASTER" CHIME / ADA	44" TC LEVER	F <sup>2</sup> IS LOWER).       FX     (CEIL.       FX     MNT)       FX     NSTALLATIC		·TT
RATED , APPROVED GYPSUM BOARD ENCLO FIXTURES , CEILING DEVICES , ETC. IN OR MAINTAIN CEILING RATINGS .	ON CEILING , TO	<ul> <li>DESIGNATED ROOM. COORDINATE CLOSELY WITH HOSPITAL ENGINEER.</li> <li>44. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT</li> </ul>		DASHING INDICATES UNDERGROUND DISCONNECT SWITCH		5'-0"			PATIENT ROOM "MASTER" CHIME / ADA STROBE LABELLED FOR PATIENT ROOMS HORN UNIT ONLY STROBE UNIT ONLY				
25. COORDINATE THE LOCATION OF DRAINS, ELE OUTLETS, ETC. WITH ALL CASEWORK, KITCH MECHANICAL ROOM EQUIPMENT, ETC. PRIOR INSTALLATION. WORK NOT SO COORDINATE	IEN EQUIPMENT, R TO COMMENCING ED SHALL BE REMOVED AND	THE ENGINEERS FOR CLARIFICATION PRIOR TO INSTALLING ANY SUCH WORK. 45. ALL CONTRACTORS WISHING TO VISIT SITE ARE TO CONTACT HOSPITAL		MAGNETIC STARTER MAGNETIC COMBINATION STARTER		5'-0" 5'-0"			BELL / LIGHT PHOTO- <u>ELECTRIC</u> SMOKE DETECTOR	7'-6" CEIL.			
PROPERLY INSTALLED AT THE EXPENSE OF CONTRACTOR(S).	THE RESPONSIBLE	ENGINEER AT LEAST 24 HOURS PRIOR. 46. DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR		WEATHERPROOF WREWAY WITH REMOVABLE COVER (SIZE AS NOTED)		AS SHOWN	₩P ↓ ₩₽		PHOTO-ELEC. SMOKE DET. WITH AUXILLIARY REL BASE FOR LOCAL DOOR CONTROL PHOTO-ELECTRIC SMOKE DETECTOR/HEAT DETECTOR FOR ELEVATOR CONTROL.	AY ABOVE CEIL. CEIL. BELOW	<sup>  図D</sup>		BACKBOX - C F C I CONDIT - O F C I
	BACKBOX SCHEDULE	WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.		PUSHBUTTON STATION FLEXIBLE CONDUIT		4'-0"			IONIZATION SMOKE DETECTOR HEAT DETECTOR HEAT DETECTOR : 200° - FIXED TEMP. WITH ADDRESSABLE MODULE	CEIL.	[50] IO   Н0   H0   Lun) 200*		BACKEN
INDICATING NO. SIZE REQU	JIRED			EMERGENCY PANELBOARD, SURFACE OR FLUSH MOUNTED NORMAL PANELBOARD, SURFACE OR FLUSH MOUNTED		6'-6" TO TOP 6'-6" TO TOP			WITH ADDRESSABLE MODULE CEILING SPEAKER WITH FIRE LABEL DOOR HOLDER : WALL TYPE	CEIL. CEIL 7'-0"		MODULAR FURNITURE	$\vdash$
WITH SING	LE-GANG 3/4" RAISED EXTENS	G BACKBOX (STEEL CITY #72171) ION RING. (STEEL CITY #72–C–14) G BACKBOX (STEEL CITY #72171)		TRANSFORMER NON-REVERSING 10 MOTOR STARTER SWITCH	SQUARE-"D' CLASS 2510	AS NOTED AS NOTED			DOOR HOLDER : CLOSURE TYPE DUCT SMOKE DETECTOR CONNECTION TO SPRINKLER FLOW SWITCH WITH ADDRESSABLE MODULE	ABV DOOR BY MECH.		(NURSE CALL)	
2G WITH TWO-	-GANG 3/4" RÁISED EXTENSION	A RING. (STEEL CITY #72-C-18) ANG BACKBOX (STEEL CITY #H2BD) A RING AS REQUIRED.		EMERGENCY POWER CIRCUIT M.E.S. (MAJOR EQUIPMENT SCHEDULE) # INDICATOR			_ ε ,		CONNECTION TO SPRINKLER TAMPER SWITCH WITH ADDRESSABLE MODULE PRESSURE SWITCH	REQ'D AS REQ'D	TS MOUNT 80" ABOVE FLOOR OR 6" BELOW FS / CEILING (WHICHEVER	CLOCK SYSTEM SECURITY: PANIC ALARM SECURITY: ACCESS	
3G 8-5/8" x	-GANG 3/4" RAISED EXTENSION 4–1/2" x 2–1/2"D THREE-GA EE-GANG 3/4" RAISED EXTENSI	ANG BOX (STEEL CITY #H3BD)		TAGGED NOTE MECHANICAL EQUIPMENT DESIG- NATOR (SEE MECH. SCHEDULES)					REMOTE L.C.D. FIRE ALARM ANNUNCIATOR POST INDICATOR VALVE ADA STROBE LIGHT WITH "FIRE" LABEL			CONTROL     2       SECURITY: CCTV     3       VIDEO SURVEILLANCE     3       TELEVISION     0	
4G 10-17/16'		GANG BACKBOX (STEEL CITY #H4BD)		JUNCTION BOX TERMINAL CABINET SURFACE OR FLUSH MOUNTED MEDICAL GAS LINE PRESSURE ALARM (REFER TO DETAIL)		NOTED NOTED			PATIENT ROOM ADA STROBE LIGHT WITH "FIRE" LABEL FIREMAN'S PHONE FOR REMOTE VOICE CONTROL (FLUSH BOX WITH PHONE)	ABOVE DOOR AS REQ'D AS		PHYSIOLOGICAL MONITOR     3       TELEMETRY MONITOR     3       DATA PROCESSING     1	
	EXTENSION RING AND COVERPLA BY CONTRACTOR.	ATE PROVIDED BY VENDOR AND		(REFER TO DETAIL) MEDICAL GAS MULTI-SIGNAL ALARM (REFER TO DETAIL) CABLE TRAY AS NOTED		AS			H.V.A.C. SMOKE DAMPER CONNECTION           REMOTE         "CRT"         COMMAND         CRT/KEYBD           STATION         PRINTER           REMOTE         REPORTING         TELEPHONE         DIALER	REQ'D 8" ACT. AS REQ'D		TELEPHONE SYSTEM INSTALLATION NOTES	
SYSTEMS EQUIPMENT T	ERMINAL POINT NOTE :			J-HOOK CABLE PATH EQUIPMENT HARDWIRE CONNECTION-SEE DETAIL					INDICATES NEW DEVICE IN EXISTING LOCATION FLUSH — MOUNTED REMOTE ALARM INDICATING STATION SECURITY TYPE POLYCARBONITE COVER AT DEVIC		□ EX. ≫	<ol> <li>SEE NOTES ON DRAWING #ES801.</li> <li>SEE NOTES ON DRAWING #ES801.</li> <li>SEE NOTES ON DRAWING #ES801.</li> </ol>	
AT ALL SYSTEMS	EQUIPMENT CABINET/TERMINAL	L BOARD LOCATIONS (EQUIP) RACTOR SHALL PROVIDE SIZE AND		SECURITY TYPE POLYCARBONITE COVER			PC	CLOCKS	ELAPSED TIMER UNIT WITH CONTROLS -				

2	3	4	5		6		7				8	9		
AL NOTES (APPLICABLE TO ALL WORK AND DOCUMENTS) :	:		특 * Si * Si	EGH EGH	MBOL			ED S:	OVER LE EIGHT	MBOL			E H H H H H H H H H H H H H H H H H H H	OVER LE EIGHT
CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER LL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND RDINATE ACCORDINGLY SO AS TO INSURE ADEQUACY OF FIT, PLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT RACTERISTICS TO AVOID CONFLICT WITH ANY OTHER BUILDINGS TEMS. VERIFY SAME WITH SHOP DRAWINGS.	26. ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVED AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.	SYSTEM	DEWCE MOD FIETER TO SP FIETER TO SP FIETER TO SP	IF NONE LIST BACKBOX, C IF APPLICABI MOUNTING HI	DRAWING SY	SYSTEM	ПЕМ	DEVICE MOD REFER TO SF IF NONE LIST	BACKBOX, C IF APPLICABI MOUNTING HI	DRAWING SY	SYSTEM	ПЕМ	DEVICE MODEL	BACKBOX, C IF APPLICABI MOUNTING HI
OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC. MAY NOT BE CATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL DWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSERS RETION.	27. ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR SHALL BE INSTALLED CONTINUOUS INSOFAR AS POSSIBLE FROM TERMINAL POINT TO TERMINAL POINT.	SWITCHES	LIGHT SWTCH: GENERAL PURPOSE EXAM LIGHT SWITCH NIGHT LIGHT SWTCH	4'- VERIFY WITH OWNER 4'- 4'-	o" Ş o" Ş x o" Ş N	NURSE CALL	BED INTERFACE (HILL-ROM SIDECOM) DOME LIGHT WITH TONE ALARM DOME LIGHT : WALL MOUNTED		1'-6" CEIL 6" ABV. DOOR	C DL T OL W	SECURITY PANIC ALARM	PANIC ALARM BUTTON PANIC ALARM ANNUNCIATOR PANIC ALARM POWER SUPPLY CABINET	MATCH EXISTING	4'-0" [F 4'-0" [F 6'-6" TO TOP
	28. ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO INSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE OR SUB-SERVICE FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL		LIGHTING CONTROL MASTER STATION DIMMER SWITCH THREE-WAY SWITCH	4'- 4'- 4'-	o" ŞD		DOME LIGHT : CEILING MOUNTED EMERGENCY STATION : PULLCORD EMERGENCY STATION : PUSHBUTTON		CEIL 4'-0" 4'-0"	DL C PC PB	SECURITY INTRUSION DETECTION SECURITY	MOTION DETECTOR MOTION DETECTOR KEYPAD CONTROLLER AUDIO/VIDEO INTERCOM STATION: MASTER	SEE DETAIL SEE DETAIL AIPHONE	CEIL. 4'-0''
SE THE ENGINEERS OF ANY CONFLICTS, ERRORS, OMISSIONS, AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW RIFICATION BY WRITTEN ADDENDUM. ATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR	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 FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORD WITH THE APPLICABLE		FOUR-WAY SWITCH KEYED SWITCH DUAL TECHNOLOGY, ULTRASONIC WALL MOUNTED OCCUPANCY SENSOR / VACANCY SWITCH		о" Śк		STAFF STATION DUTY STATION MASTER STATION		5'-0" 5'-0" 5'-0"	SS DS MS	ACCESS CONTROL	WITH ŚELECTIVE DOOR CONTROLS, POWER SUPPLIES & DOOR RELAY CONTACTS AS REQUIRED FOR OPERATION AUDIO ONLY INTERCOM STATION: MASTER (EXISTING DEVICE TO REMAIN) AUDIO/VIDEO INTERCOM STATION: REMOTE	AIPHONE #AX SERIES W/ DESK STAND UNIT EXISTING	ACT (
TEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN ING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE. (SEE O NOTE 21).	MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY. 29. ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE		LOW VOLTAGE VACANCY ON/OFF SWITCHES SEE DETAIL DUAL TECHNOLOGY, ULTRASONIC CEILING MOUNTED TYPE VACANCY/OCCUPANCY SENSOR DAYLIGHT SENSOR				CODE BLUE STATION STAFF LOCATOR STATION INTERCOM STATION: FLUSH MOUNTED		4'-0" CEIL 5'-0"	⟨CB ⟨SJ ⟨SJ ⟨SJ		MITH FLUSH-MITD S.S. ENCLOSURE AUDIO ONLY INTERCOM STATION: REMOTE WITH FLUSH-MITD S.S. ENCLOSURE DOOR RELEASE ELEC STRIKE / MAG-LOCK MECHANISM AUTOMATIC DOOR CONNECTION	AIPHONE # AX-DVF AIPHONE # IE-SS	1G         4'-0"         []           1G         4'-0"         []           AS REQ'D         ABOVE DOOR         []           CEIL.         []
RVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY LY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, AL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, )	UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.		PILOT LIGHT SUTCH (ILLUMINATED WHEN LOAD IS ON) ILLUMINATED HANDLE LIGHT SWITCH (ILLUMINATED WHEN LOAD IS OFF) PHOTO-CELL SENSOR AS NOTED	LIGHTING CIRCUIT CEIT 4'- 4'- AS NOTE	 °″Ş⊩		SINGLE PATIENT STATION: WITH CALL CORD SINGLE PATIENT STATION: WITH PILLOW SPEAKER DUAL PATIENT STATION: WITH CALL CORD		5'-0" 5'-0" 5'-0"	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		DOOR RELEASE PUSH-PLATE STATION DOOR RELEASE KEYPAD / KEYSWITCH STATION DOOR RELEASE CARD READER STATION		4'-0"
ALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORD WITH UFACTURERS' RECOMMENDATIONS AND DIRECTIONS. IF IN FLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, SE THE ENGINEERS PRIOR TO INSTALLATION FOR RIFICATION.	30. WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED.		LIGHT SWITCH FOR UNDER-CABINET LIGHTS LIGHT SWITCH: MOMENTARY CONTACT LIGHT SWITCH: TIMER	4'- 4'-	о" Şu o" Şмc	NURSE CALL CENTRAL	DUAL PATIENT STATION: WITH PILLOW SPEAKER NURSE CALL TERMINAL CABINET VISUAL NURSE CALL ANNUNCIATOR		5'-0" 6'-6" TO TOP 6'-6" TO TOP	NC-A VNA	SECURITY CCTV VIDEO SURVEILLANCE	MOTION SENSOR DOOR CONTROL CCTV CAMERA. SUBSCRIPT IDENTIFIERS AS FOLLOWS. "F"-FIXED POSITION; 360-360" VIEW; 3WAY-3-WAY VIEW.	SEE DETAIL AND SPECS	IG CEIL. (
IOT RECESS PANELBOARD TUBS OR OTHER FLUSH-MOUNTED PMENT IN WALLS THAT HAVE A FIRE RATING, AS REQUIRED CODES. NO INSTALLATION SHALL DIMINISH OR VOID FIRE STIVE RATINGS IN ANYWAY.	31. REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE GIVEN) FOR HEIGHTS AND MOUNTING RELATIONSHIP OF OUTLETS AND EQUIPMENT. IF IN DOUBT, CONTACT THE ENGINEER FOR DIRECTION PRIOR TO INSTALLING WORK.		LIGHT SWITCH: CONTROL PANEL UNIT AS NOTED LIGHT SWITCH: COMBINE SWITCH UNIT AS NOTED LIGHT SWITCH: REMOTE STATION UNIT AS NOTED	4'- 4'- 4'-	o" \$cpxx o" \$cs o" \$rs	OVERHEAD PAGING	VISUAL NURSE CALL TERMINAL CABINET PAGING SPEAKER (CEILING) ASSEMBLY PAGING SPEAKER W/ VOLUME CONTROL		6'-6" TO TOP CEIL. CEIL.	VNCT SS SV		CCTV CAMERA (SECURE AREAS) WITH "DR-RCM" CORNER MOUNT FOR PATIENT RMS. CCTV CAMERA (EXTERIOR AREAS) WITH WALL MOUNT BRACKET FOR BLDG. EXTERIOR CCTV FLAT SCREEN MONITOR AS SPECIFIED WITH #KLC-WM3 WALL MOUNT KIT	SEE DETAIL AND SPECS SEE DETAIL AND SPECS SEE DETAIL AND SPECS	1G         CEIL.         (           1G         WALL         (           1G         7'-6"         (
PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.	32. FLUSH OR PEDESTAL – TYPE FLOOR OUTLETS, AS INDICATED ON PLAN SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE SHOWN ON PLANS. IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING-IN ANY WORK.	LIGHTING SHADING INDICATES	LOCAL RELAY FOR LIGHTING CONTROLS –         REFER TO LIGHTING CONTROL SCHEMATICS         2'-0" WALL MOUNT         2'x2' CEILING TROFFER	CEIL			PAGING SPEAKER (WALL) ASSEMBLY WALL VOLUME CONTROL PAGING MICROPHONE		7'-0" 4'-0" 8" ACT		SPECIAL OUTLETS	FIRE RATED POKE-THRU DEVICE ASSEMBLY UNIT SHALL BE WIREMOLD/LEGRAND #GAT2PBK SERIES (OR APPROVED EQUAL) WITH TWO (2) 20A DUPLEX RECEPTACLES AND ONE (1) GANG FOR FOUR ( DATA PROVISIONS. COORDINATE FINISH SELECTIONS AND CARPET VS	SEE DETAIL AND SPECS	
SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN EAT AND WORKMANLIKE MANNER. WORK NOT MEETING THIS ERION SHALL BE REMOVED AND REINSTALLED SATISFACTORILY. L DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF K RESIDES WITH THE ENGINEER.	33. AS APPLICABLE, REFER TO ARCHITECTURAL PHASING PLANS AND PHASING BOUNDARIES ON THESE DRAWINGS FOR SEQUENCING OF WORK, FULL EXTENT OF AREAS INVOLVED, EXTENT OF CEILING WORK, ETC. PROVIDE TEMPORARY CONNECTIONS FOR CIRCUITS AND WORK AS REQUIRED TO MAINTAIN SEQUENCE OF THE WORK FROM PHASE TO	EMERGENCY OPERATION, DIAGONAL SLASH INDICATES	2'x4' CEILING TROFFER SEE 1'x4' CEILING TROFFER SEE SCHEDU	JLE CEIL JLE CEIL		Sound Masking Audio System	PAGING SYSTEM AMPLIFIER/TUNER CABINET SOUND MASK SPEAKER (CEILING OR WALL) ASSEMBLY SOUND MASK AMP AND GENERATION SYSTEM CABINET		V 6'-6" TO TOP CEIL. OR 7'-0"	PA-A SS SS-AMP		TILE FLANGE WITH ARCHITECT. USE AT ELEVATED SLAB LOCATIONS. FIRE RATED POKE-THRU DEVICE ASSEMBLY UNIT SHALL BE WIREMOLD/LEGRAND #GAT2PBK SERIES (OR APPROVED EQUAL) WITH ONE (1) 20A DUPLEX RECEPTACLE, ONE (1) GANG FOR FOUR (4) DA	[A IS	
WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY RANTEED FOR ONE FULL CALENDAR YEAR FROM THE DATE OF STANTIAL COMPLETION AS DOCUMENTED BY THE ENGINEERS, ESS LONGER WARRANTY PERIODS FOR EQUIPMENT ARE SPECIFIED.	PHASE. 34. WHERE EXIT LIGHTS ARE CONNECTED TO EMERGENCY CIRCUITS WITH KEYSWITCH OR CONTACTOR CONTROL, AN UNSWITCHED LINE SHALL BE PULLED IN TO MAINTAIN THEIR OPERATION REGARDLESS OF SWITCH	RECESSED	DOWNLIGHT SEE SCHEDU DIRECTIONAL DOWNLIGHT SEE SCHEDU EXAM LIGHT SEE	JLE CEIL	. Ŏ	PHYSIOLOGICAL	PATIENT ROOM OUTLET		1G 5'-4"	P		PROVISIONS, AND ONE (1) GANG FOR HDMI CONNECTION TO TV IN TH ROOM. REFER TO FLOOR PLANS FOR ADDITIONAL REQUIREMENTS. COORDINATE FINISH SELECTIONS AND CARPET VS TILE FLANGE WITH ARCHITECT. USE AT ELEVATED SLAB LOCATIONS.		
SS OTHERWISE SPECIFIED OR INDICATED, ALL EQUIPMENT /OR MATERIALS WITHIN OCCUPIED SPACES OR EXPOSED TO VIEW THE BUILDING EXTERIOR SHALL BE PRIMED AND FINISHED SO AS COMPLEMENT ADJACENT SURFACE, UNLESS OTHERWISE NOTED.	POSITION. 35. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORD WITH THE ARCHITECT'S STANDARDS FOR SUCH		EXIT LIGHT(CEILING, END, WALL MOUNT) SEE SCHEDU UNDERCABINET LIGHT/INDUSTRIAL SEE FIXTURE AS NOTED SCHEDU	ACT		TELEMETRY MONITORING	NURSE STATION OUTLET REMOTE STATION OUTLET		1G 1'-6" 1G 7'-0"			REQUIREMENTS WITH MANUFACURER. PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120V- 24V AND SUPPLIED WITH PLUMBING FIXTURE. MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING AS REQUIRED. PROVIDE		
RE PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATIONS IN AY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR GRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH	WORK. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEERS FOR CLARIFICATIONS PRIOR TO INSTALLING ANY SUCH WORK.		INDICATES LIGHT IS POWERED FROM THE EMERGENCY CRITICAL BRANCH INDICATES LIGHT IS POWERED FROM THE EMERGENCY-LIFE SAFETY BRANCH				CEILING ANTENNA FREE STANDING SYSTEM RACK		CEIL.	P-MON		ADDITIONAL TRANSFORMERS OF SAME TYPE AS/IF NEEDED. PROVIDE CONNECTION TO 208-VOLT, 20-AMP HAND DRYER (SEE ARCHITECTUAL FOR SPECIFICATIONS).		VERIFY WITH ARCHI- TECT
ROOFING INSTALLER. CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES, H CONTRIBUTIONS OR OTHER COSTS THAT THE UTILITY COMPANY REQUIRE TO COMPLETE THEIR WORK. (ELECTRIC, TELEPHONE,	36. INTERRUPTION OF ANY EXISTING SERVICES SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR, UTILITY COMPANY AS NECESSARY, AND THE ARCHITECT, AT LEAST ONE WEEK IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES	POWER OUTLETS	SIMPLEX DUPLEX - SAFETY TYPE DUPLEX	1'-6 1'-6 1'-6	-1	PANEL FUNITURE	ONE TWIST-LOCK "L5-20R" 120V RECEPTACLE ON WALL FOR FURNITURE POWER CONNECTION. ONE TWIST-LOCK "L14-20R" 208V RECEPTACLE ON WALL FOR FURNITURE POWER CONNECTION.		4'-0" 4'-0"	()) () () () () () () () () () () () ()	DATA / VOICE / VIDEO	SURFACE PLUG-MOLD AS NOTED DATA OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA JACKS THAT THE ELECTRICAL CONTRACTOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED,	SEE DETAIL AND SPECS	1G 1'-6"
TISION, ETC.) R TO ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK AILS FOR LOCATION OF RECEPTACLES, UTILITY OUTLETS, CTRICAL DEVICES, ETC.	MENTIONED, TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED TWO WEEKS IN ADVANCE, IN WRITING. IF UTILITY COMPANY REQUIRES A LONGER NOTIFICATION PERIOD, SO PROVIDE.		DUPLEX (ABOVE COUNTERTOP) DUPLEX WITH INTEGRAL GROUND FAULT PROTECTION	8" ACT 1'-6			ONE TWIST-LOCK "L5-20R" 120V RECEPTACLE AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTION. ONE TWIST-LOCK "L14-20R" 208V RECEPTACLE		CEIL.	⊘c1		THERE SHALL BE FOUR DATA JACKS. VOICE OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS THAT THE ELECTRICAL CONTRACTOR WILL BE INSTALLING JE NO NUMBER IS INDICATED	SEE DETAIL AND SPECS	1G 1'-6"
	37. LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT. SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL		GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER IF LIGHTING CIRCUIT IS 277V) QUADRUPLEX RECEPTACLE	4'-0	o"		AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTION. TWO TWIST-LOCK "L5-20R" 120V RECEPTACLES AT CEILING UNIT (SEE ARCHITECTURAL		CEIL.	○C1A		THERE SHALL BE ONLY ONE VOICE JACK. COMBINATION OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA/VOICE JACKS THAT THE ELECTRICAL CONTRACTOR WILL BE INSTALLING. IF NO NUMBER IS INDICATED, THERE SHALL BE THREE DATA	SEE DETAIL AND SPECS	1G 1'-6*
CATED OTHERWISE ON THE ARCHITECTUAL REFLECTED CEILING PLANS.	FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT. 38. WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.		JUNCTION BOX 208/1Ø RECEPTACLE, AS NOTED	AS NOTE			SCHEDULES) FOR FURNITURE POWER CONNECTIONS. TWO TWIST-LOCK "L14-20R" 208V RECEPTACLES AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE		CEIL.			JACKS AND ONE VOICE JACK. DATA/VOICE OUTLET IN FLOOR AS NOTED TELEVISION/VIDEO SYSTEM OUTLET (84" AFF IF WALL BRACKET SHOWN). CONFIRM THE EXACT	$\vdash$	FLOOR VERIFY IN
NSION, AS INDICATED. VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION DUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING TEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY	39. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO		208/3Ø RECEPTACLE, AS NOTED DUPLEX RECEPTACLE IN FLOOR AS NOTED DUPLEX RECEPTACLE AT 4'-0" AFF	FLOO 4'-0	P P P P		POWER CONNECTIONS. TWO TWIST-LOCK RECEPTACLES AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTIONS. ONE SHALL BE AN "L5-20R" 120V RECEPTACLE AND THE OTHER A "L14-20R" 208V RECEPTACLE.	r	CEIL.	<b>Ос</b> 2В		HEIGHT AND LOCATION OF ALL TV OUTLETS WITH OWNER STAFF / ARCHITECT PRIOR TO ROUGH-IN.		FIÊLD 7
AGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR AIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL SION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S EPTABILITY SHALL BE THAT OF THE ENGINEER.	PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW		DUPLEX RECEPTACLE (PEDESTAL MOUNT) SEE DETAIL DUPLEX RECEPTACLE WITH (2) INTEGRAL HIGH SPEED 4-AMP USB CHARGING PORTS SAFETY TYPE DUPLEX RECEPTACLE WITH (2)	∟ FLOO 1'-e	-		THREE TWIST-LOCK "L5-20R" 120V RECEPTACLES AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTIONS.		CEIL.	©c3		SPECIAL VIDEO SYSTEM SIGNAL INPUT OUTLET : ABOVE COUNTERTOP OUTLET : WALL MOUNTED		ABV. CNTR. 4'-0'' AS AS
K ALL THREE PHASE MOTORS WITH & ROTATION METER , R TO PLACING IN SERVICE. /IDE DETAILED SHOP DRAWINGS TO ENGINEERS PRIOR TO CHASING AND INSTALLING ANY EQUIPMENT.	FIXTURES AT OCCUPANCY. 40. REFER TO ARCHITECTURAL DETAILS AS APPLICABLE FOR RECESSED SOFFIT FLUORESCENT FIXTURES. ADJUST FIXTURE LENGTHS BY FIELD MEASUREMENT OF SOFFIT, AS NECESSARY.	ABBREVIATIONS	INTEGRAL 4-AMP USB CHARGING PORTS ELECTRIC WATER COOLER W/ REMOTE READILY ACCESSIBLE GFI DEVICE UNLESS OTHERWISE NOTED		UON		FOUR TWIST-LOCK "L5-20R" 120V RECEPTACLES AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE POWER CONNECTIONS.		CEIL.	<b>⊘</b> C4		OUTLET (VOICE ONLY) : PAYPHONE TYPE MAIN DISTRIBUTION FRAME REACK – REFERENCE DATA SYSTEM SHCEMATICS AND DETAILS. FOR ADDITIONAL INFORMATION / REQUIREMENTS		REQD. REQD. F
PMENT FROM THAT PRIME SPECIFIED SHALL BE THE PONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY VISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER	41. WHERE OUTLETS ARE LOCATED APPROXIMATELY BACK-TO-BACK ON OPPOSITE SIDES OF A PARTY WALL, THE OUTLETS SHALL NOT BE INSTALLED IN THE SAME STUD SPACE, BUT SHALL BE SEPARATED BY A MINIMUM OF ONE STUD, UNLESS OTHERWISE APPROVED BY THE ARCHITECT.		OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED OWNER INSTALLED CONTRACTOR FURNISHED CONTRACTOR INSTALLED		OFCI OFOI CFCI		CONTRACTOR PROVIDED PANEL FURNITURE DATA/VOICE OUTLET ON WALL FOR FURNITURE DATA/VOICE CONNECTIONS. DATA/VOICE CONNECTORS, CABLING AND COVERPLATES ARE BY CONTRACTOR.		4'-0"	<b>∀</b> F₩		INTERMEDIATE DISTRIBUTION FRAME RACK – REFERENCE DATA SYSTEM SHCEMATICS AND DETAILS. FOR ADDITIONAL INFORMATION / REQUIREMENTS – TELECOMMUNICATIONS SYSTEM BACKBOARD.	<u> </u>	
DS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS	42. ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION.		CONTRACTOR FURNISHED OWNER INSTALLED INDICATES EMERGENCY POWER		CFOI E, EM		CONTRACTOR PROVIDED PANEL FURNITURE DATA/VOICE OUTLET AT CEILING UNIT (SEE ARCHITECTURAL SCHEDULES) FOR FURNITURE DATA/VOICE CONNECTIONS. DATA/VOICE CONNECTORS, CABLING AND COVERPLATES ARE BY CONTRACTOR.		CEIL.	<b>▽</b> FC		TELECOMMUNICATIONS SYSTEM BACKBOARD. WHERE NEW, PROVIDE 96"H × 3/4"D FIRE-RETARDENT PLYWOOD BACKBOARD WITH TWO (2) COATS OF NON-CONDUCTIVE, FIRE-RETARDANT LIGHT GRAY PAINT, #3/0 TO GROUND BAR AT NEAREST POWER PANELBOARD, 30-PT GROUND BAR AND A 6'-0", #3 AWG PIGTAIL AT BACKBOARD. INSTALL BOARD AT 2' AFF. (LENGTH OF BOARD AS INDICATED ON FLOOR PLAN).		
PONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND LINESS OF THE WORK OF ALL TRADES, CONTRACTORS, PLIERS, INSTALLERS, ETC POOR OR UNTIMELY WORK ON THE T OF ANY SUBCONTRACTOR SHALL BE RESOLVED BY THE PARTY WHO AGED THEM ON THIS PROJECT.	THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT SHALL APPLY.		INDICATES NURSE CALL ITEM ORIGINAL EQUIPMENT MANUFACTURER			FIRE ALARM	MAIN CONTROL PANEL CENTRAL PROCESSING UNIT (CPU)		6'-6" TO TOP	FACP		WRELESS ACCESS POINT WITH CONNECTIONS FOR (1) DATA CABLE. CABLING SHALL BE TERMINATED AT "WAP" AND AT DATA CLOSET, TESTED, LABELLED. WIRELESS COVERAGE SHALL BE RE-CERTIFIED AT COMPLETION OF PROJECT PER VA GUIDELINES.		
RE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT I ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE ECTING INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL RIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND ER DETAILS OF THESE DOCUMENTS, AS APPLICABLE.	43. WHERE WORK IS REQUIRED ABOVE INSTALLED EXISTING CEILINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING TILES, HARD CEILINGS AND GRID MEMBERS NECESSARY TO PERFORM HIS WORK. NEW TILE AND GRID SHALL MATCH THE SURROUNDING AREAS. IF EXISTING	MISC.	CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE: ARROW(S)		-GROUND		NOTIFICATION APPLIANCE CIRCUIT POWER SUPPLY UNIT (NAC) PULL STATION : SINGLE ACTION PULL STATION : DOUBLE ACTION		6'-6" TO TOP 42" TO LEVER 44" TO LEVER		OUNT 80" ABOVE OOR OR 6" BELOW EILING (WHICHEVER : LOWER).	TELEVISION SYSTEM AMPLIFIER TELEVISION SYSTEM HEAD END EQUIPMENT		
RE FIRE RATED CEILING ASSEMBLIES ARE NOTED , PROVIDE ED , APPROVED GYPSUM BOARD ENCLOSURES ABOVE LIGHT URES , CEILING DEVICES , ETC. IN OR ON CEILING , TO	CORRIDOR CEILING TILES ARE DAMAGED, CONTRACTOR IS TO REMOVE TILES FROM A DESIGNATED ROOM AND USE THESE TO REPLACE DAMAGED CORRIDOR TILES. ALL NEW TILES ARE TO BE INSTALLED IN DESIGNATED ROOM. COORDINATE CLOSELY WITH HOSPITAL ENGINEER. 44. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO		INDICATE(S) HOME RUN & # OF CIRCUITS: HASHMARKS INDICATE # OF CONDUCTORS DASHING INDICATES UNDERGROUND				ELECTRONIC CHIME / ADA STROBE PATIENT ROOM "MASTER" CHIME / ADA STROBE LABELLED FOR PATIENT ROOMS HORN UNIT ONLY		•		SYSTEM INSTALLATION MATRIX			
RDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, GAS LETS, ETC. WITH ALL CASEWORK, KITCHEN EQUIPMENT, HANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING	<ul> <li>ALL WORKSTALL BE CONCLALED ONCLASS SPECIFICATED INDICATED INDICATED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEERS FOR CLARIFICATION PRIOR TO INSTALLING ANY SUCH WORK.</li> <li>45. ALL CONTRACTORS WISHING TO VISIT SITE ARE TO CONTACT HOSPITAL</li> </ul>		DISCONNECT SWITCH MAGNETIC STARTER MAGNETIC COMBINATION STARTER	5'-0 5'-0 5'-0			STROBE UNIT ONLY BELL / LIGHT PHOTO-ELECTRIC SMOKE DETECTOR		7'-6" CEIL.	SI SI (CEIL. MNT) BL SD				
PERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE TRACTOR(S).	ENGINEER AT LEAST 24 HOURS PRIOR. 46. DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS. OR		WEATHERPROOF WIREWAY WITH REMOVABLE COVER (SIZE AS NOTED)	AS SHOW			PHOTO-ELEC. SMOKE DET. WITH AUXILLIARY RELAY BASE FOR LOCAL DOOR CONTROL PHOTO-ELECTRIC SMOKE DETECTOR/HEAT DETECTOR FOR ELEVATOR CONTROL.		ABOVE CEIL. CEIL. BELOW RAISED FLOOR	ରେ D ରେ <sup>EL</sup> , HD <sup>EL</sup> ରେ IO				N SWBOL
	DIMENSIONS SUPPLIED TO THE CONTRACTOR.		PUSHBUTTON STATION FLEXIBLE CONDUIT ENERGENCY DANEL DOADD	4'-0			HEAT DETECTOR HEAT DETECTOR : 200° - FIXED TEMP. WITH ADDRESSABLE MODULE CEILING SPEAKER WITH FIRE LABEL		CEIL. CEIL.	HD HD <sup>200°</sup>				
INDICATING NO.SIZE REQUIRED1G4-11/16" SQUARE × 2-1/8"D TWO-GANG WITH SINGLE-GANG 3/4" RAISED EXTENSION	G BACKBOX (STEEL CITY #72171)		EMERGENCY PANELBOARD, <u>SURFACE OR FLUSH MOUNTED</u> NORMAL PANELBOARD, SURFACE OR FLUSH MOUNTED TRANSFORMER	6'-6 10 TC 10 TC 10 TC AS NOTE			DOOR HOLDER : WALL TYPE DOOR HOLDER : CLOSURE TYPE DUCT SMOKE DETECTOR		CEIL 7'-0" ABV DOOR BY	v ™ C		DICTATION MEDICAL COMMUNICATIONS (NURSE CALL) OVERHEAD PAGING		$\langle \diamond \rangle$
2G 4-11/16" SQUARE × 2-1/8"D TWO-GANG WITH TWO-GANG 3/4" RAISED EXTENSION	G BACKBOX (STEEL CITY #72171) N RING. (STEEL CITY #72–C–18)		NON-REVERSING 10 MOTOR       SQUARE-         STARTER SWITCH       CLASS 25         EMERGENCY POWER CIRCUIT       M.E.S. (MAJOR EQUIPMENT         SCHEDULE) # INDICATOR       SCHEDULE) # INDICATOR	-"D" AS 2510 NOTE	<u></u> SM − ε −		CONNECTION TO SPRINKLER FLOW SWITCH WITH ADDRESSABLE MODULE CONNECTION TO SPRINKLER TAMPER SWITCH WITH ADDRESSABLE MODULE PRESSURE SWITCH		MECH. AS REQ'D AS REQ'D	FS TS MC	OUNT 80" ABOVE OOR OR 6" BELOW	FIRE ALARM		
2G-A6-13/16" x 4-1/2"H x 2-1/2"D TWO-G/ WITH TWO-GANG 3/4" RAISED EXTENSION3G8-5/8" x 4-1/2" x 2-1/2"D THREE-GA WITH THREE-GANG 3/4" RAISED EXTENSION	N RING AS REQUIRED.		TAGGED NOTE MECHANICAL EQUIPMENT DESIG- NATOR (SEE MECH. SCHEDULES)				REMOTE L.C.D. FIRE ALARM ANNUNCIATOR POST INDICATOR VALVE ADA STROBE LIGHT WITH FIRE LABEL		6'-6" TO TOP	FAA PIV	EILING (WHICHEVER LOWER).	SECURITY: ACCESS     2       CONTROL     2       SECURITY: CCTV     3       VIDEO SURVEILLANCE     3       TELEVISION     0		
4G 10-17/16" x 4-1/2" x 2-1/2"D FOUR-C WITH FOUR-GANG 3/4" RAISED EXTENSION	GANG BACKBOX (STEEL CITY #H4BD)		JUNCTION BOX TERMINAL CABINET SURFACE OR FLUSH MOUNTED MEDICAL GAS LINE PRESSURE ALARM (REFER TO DETAIL)	AS AS NOTED NOTE			MIT FIRE LABEL PATIENT ROOM ADA STROBE LIGHT MITH FIRE" LABEL FIREMAN'S PHONE FOR REMOTE VOICE CONTROL (FLUSH BOX WITH PHONE) H.V.A.C. SMOKE DAMPER CONNECTION		ABOVE DOOR AS REQ'D AS REQ'D	 VW P FP HD		PHYSIOLOGICAL MONITOR       TELEMETRY MONITOR       DATA PROCESSING		
V BACKBOX EXTENSION RING AND COVERPLA INSTALLED BY CONTRACTOR.	ATE PROVIDED BY VENDOR AND		MEDICAL GAS MULTI-SIGNAL ALARM (REFER TO DETAIL) CABLE TRAY AS NOTED	AS SHOW			REMOTE "CRT" COMMAND CRT/KEYBD STATION PRINTER REMOTE REPORTING TELEPHONE DIALER INDICATES NEW DEVICE IN EXISTING LOCATION		ACT. AS REQ'D			TELEPHONE     Image: Constraint of the second		▼
SYSTEMS EQUIPMENT TERMINAL POINT NOTE :     AT ALL SYSTEMS EQUIPMENT CABINET/TERMINAL	L BOARD LOCATIONS ( EQUIP )		J-HOOK CABLE PATH EQUIPMENT HARDWIRE CONNECTION-SEE DETAIL SECURITY TYPE POLYCARBONITE COVER		   PC	CLOCKS	FLUSH - MOUNTED REMOTE ALARM INDICATING STATION SECURITY TYPE POLYCARBONITE COVER AT DEVICE INDICATED			× PC		<ul> <li>SEE NOTES ON DRAWING #ES801.</li> <li>SEE NOTES ON DRAWING #ES801.</li> </ul>		
AT ALL SYSTEMS EQUIPMENT CABINET/TERMINAL AS INDICATED ON ELECTRICAL DRAWINGS, CONTR NUMBER OF CONDUIT STUB-OUTS TO CABLE PA TERMINATE CONDUITS AT CABINETS/ON BACKBO EXACT REQUIREMENTS WITH APPROPRIATE VENDO	RACTOR SHALL PROVIDE SIZE AND ATHS AS REQUIRED BY SYSTEM VENDORS. DARDS AS REQUIRED. COORDINATE						ELAPSED TIMER UNIT WITH CONTROLS - SEE DETAILS			ΕŢ				
EAGU REQUIREMENTS WITH APPROPRIATE VEND														

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

Date:

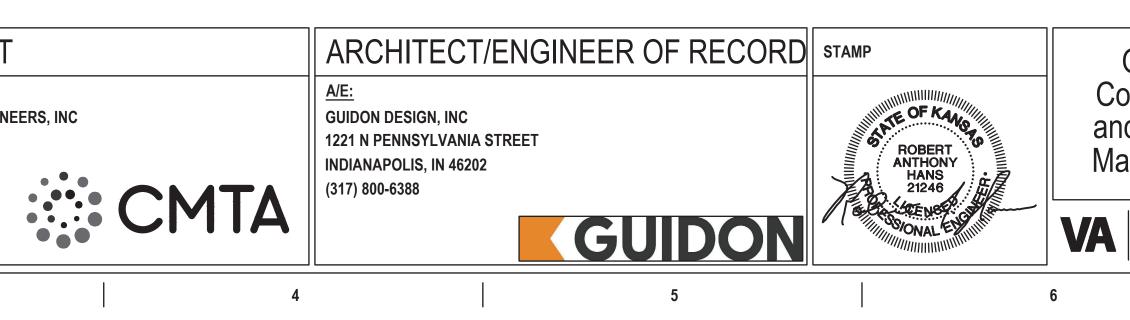
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**Revisions:** 

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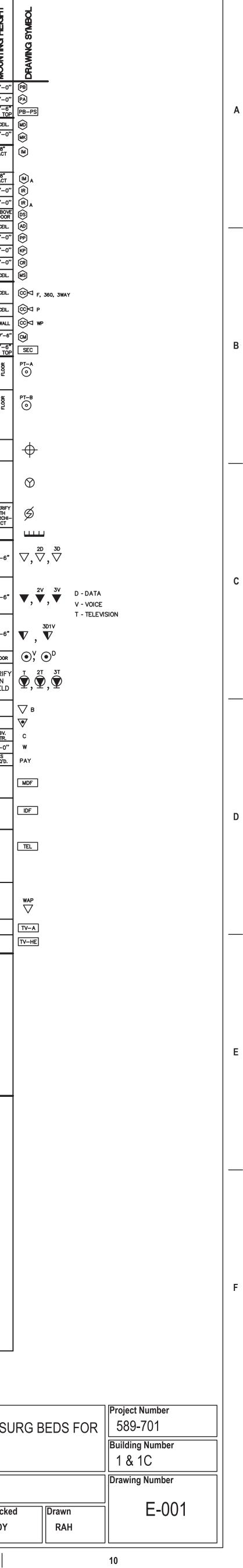
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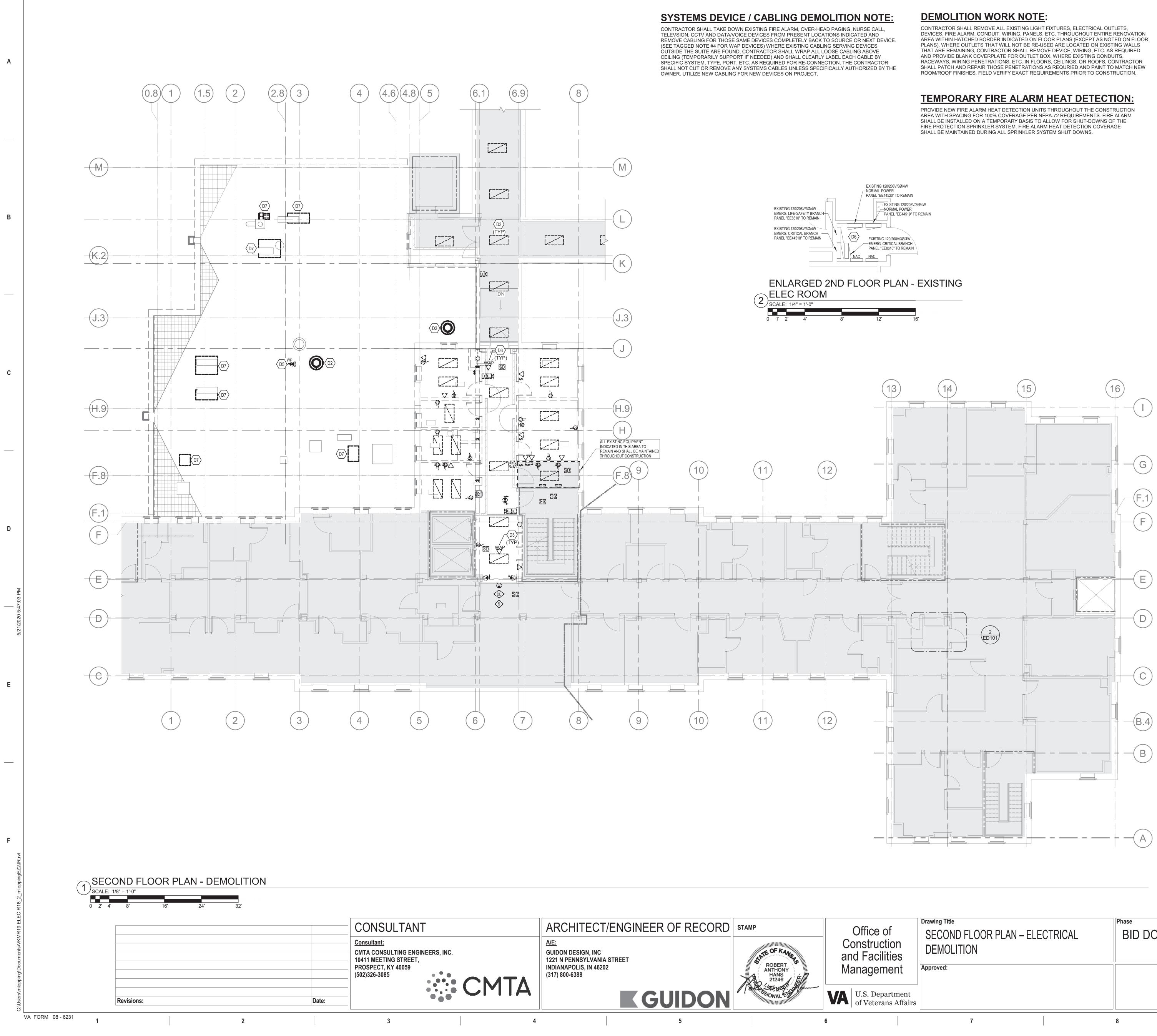


Office Construct and Facili Managem

VA U.S. Depa of Vetera Affairs

of ction lities	Drawing Title ELECTRICAL LEGE	ND	Phase BID	DOCUMENTS	/	Project Title VA WICHITA - MED SU PATIENT PRIVACY		
ment	Approved:				Location WICHITA, KA	NSAS		
epartment erans					Issue Date 05/22/2020	Checked PDY		
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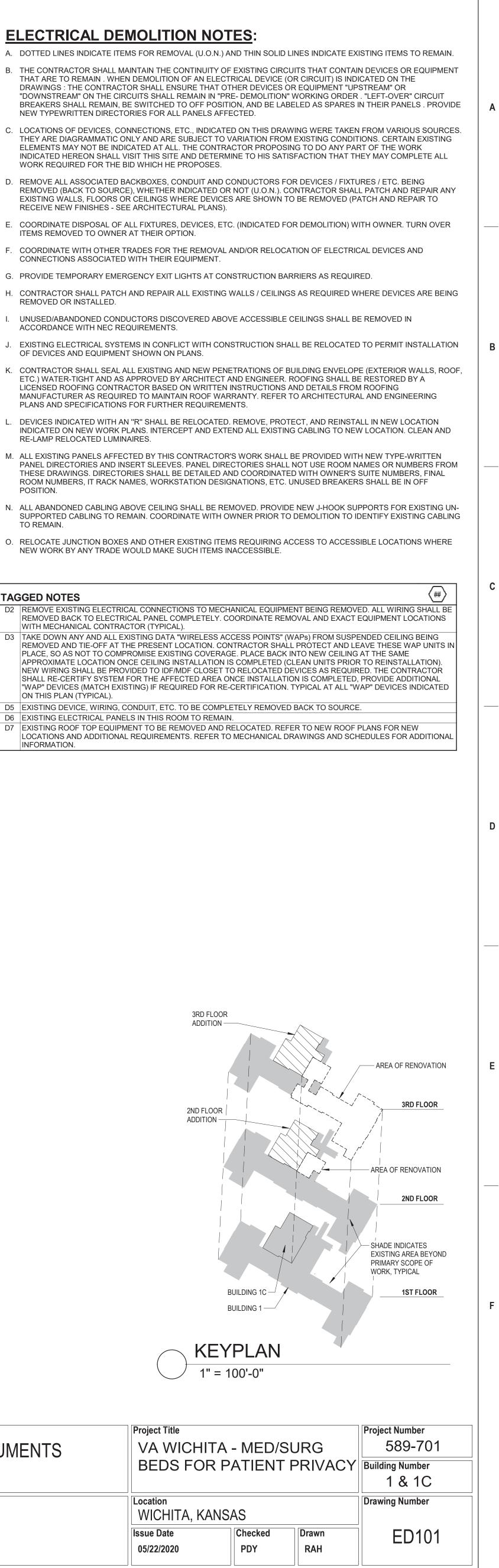
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# **ELECTRICAL DEMOLITION NOTES:**

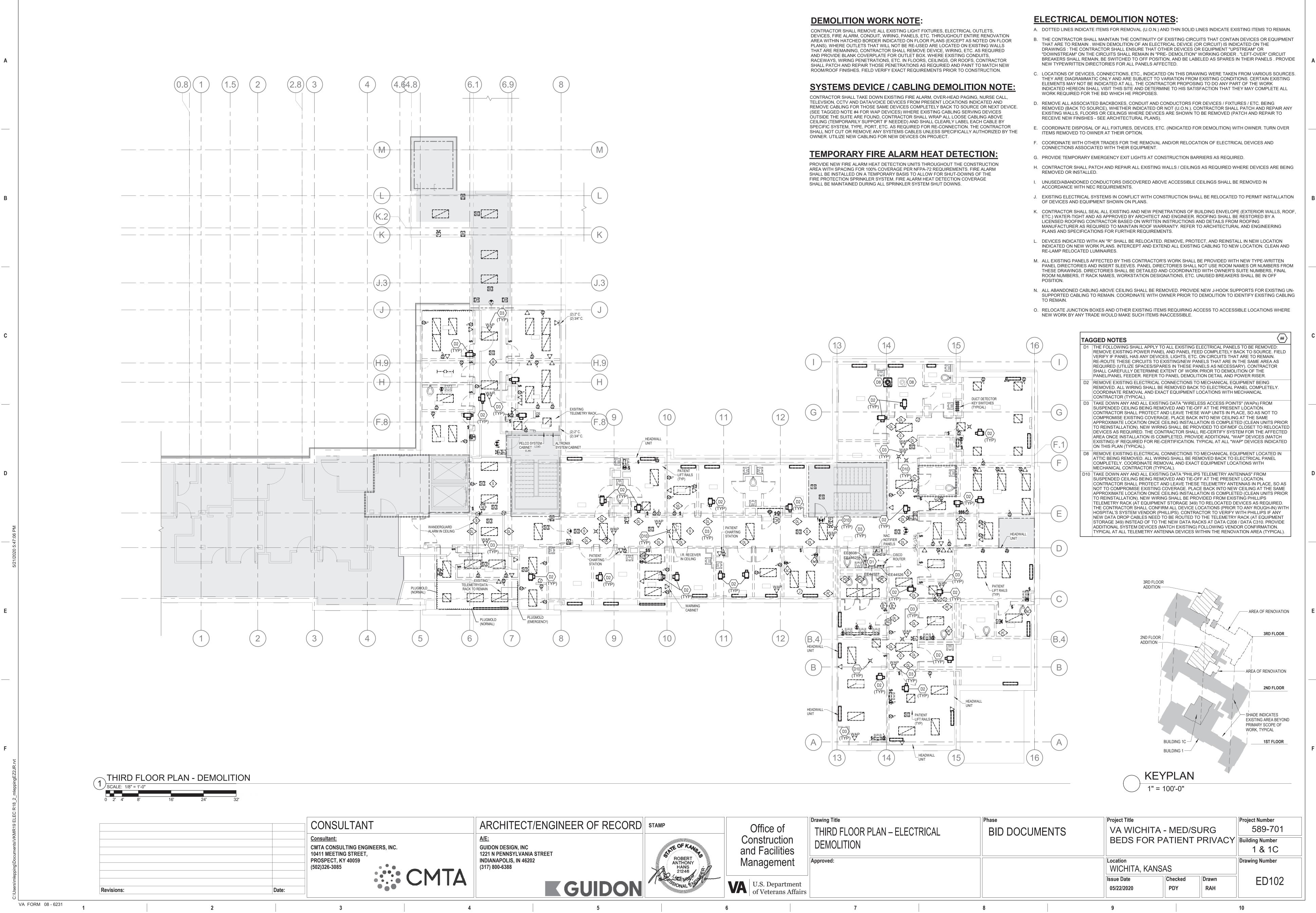
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- THAT ARE TO REMAIN . WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS : THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.
- WORK REQUIRED FOR THE BID WHICH HE PROPOSES.
- D. REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS).
- ITEMS REMOVED TO OWNER AT THEIR OPTION.
- F. COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
- G. PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION BARRIERS AS REQUIRED. REMOVED OR INSTALLED.
- I. UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NEC REQUIREMENTS.
- OF DEVICES AND EQUIPMENT SHOWN ON PLANS.
- LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- RE-LAMP RELOCATED LUMINAIRES.
- POSITION.
- TO REMAIN.
- NEW WORK BY ANY TRADE WOULD MAKE SUCH ITEMS INACCESSIBLE.

## TAGGED NOTES WITH MECHANICAL CONTRACTOR (TYPICAL). PLACE, SO AS NOT TO COMPROMISE EXISTING COVERAGE. PLACE BACK INTO NEW CEILING AT THE SAME ON THIS PLAN (TYPICAL). D5 EXISTING DEVICE, WIRING, CONDUIT, ETC, TO BE COMPLETELY REMOVED BACK TO SOURCE. D6 EXISTING ELECTRICAL PANELS IN THIS ROOM TO REMAIN. 7 EXISTING ROOF TOP EQUIPMENT TO BE REMOVED AND RELOCATED. REFER TO NEW ROOF PLANS FOR NEW INFORMATION.



of ction ilities	Drawing Title SECOND FLOOR PLAN – EL DEMOLITION	Phase BID DOC	UMENTS		Project Title VA WICHITA - MED BEDS FOR PATIEN	
	Approved:			Location WICHITA, KA	NSAS	
partment ans Affairs					Issue Date 05/22/2020	Checked PDY
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of ction ilities	Drawing Title THIRD FLOOR PLAN – I DEMOLITION	Phase BID DC	OCUMENTS		Project Title VA WICHITA - MED BEDS FOR PATIEN	
ment	Approved:			Location WICHITA, KAI	NSAS	
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