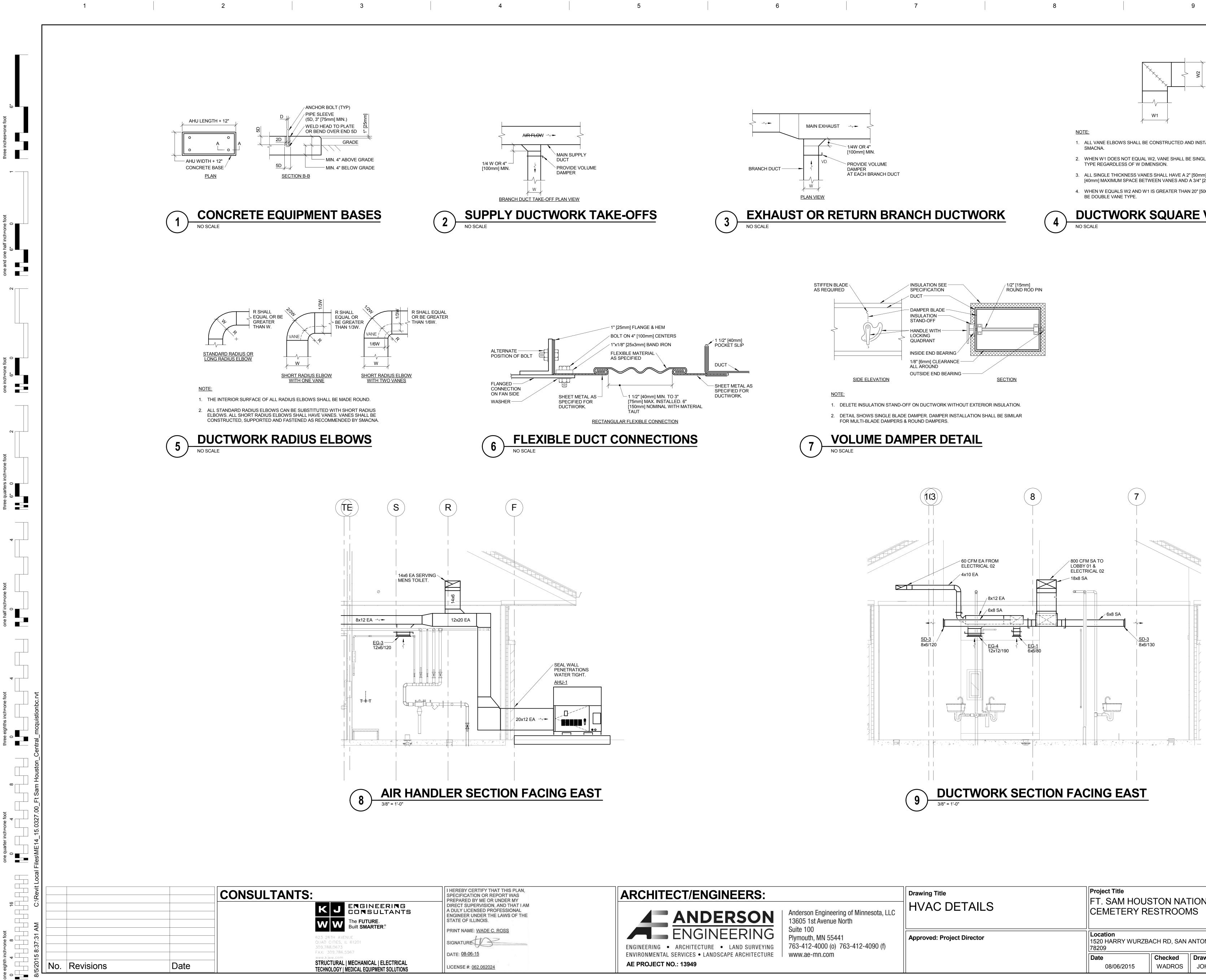


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VENTILATION KE	YNOTES
	E PROVIDED BY OTHERS, 18x10 MINIMUM SIZE. JCTWORK, PITCH TOP OF DUCT TO PREVENT ATER.
VENTIL SYMBOL:	ATION SYMBOLS LIST DESCRIPTION:
	NEW DUCT
	DIRECTION OF AIR FLOW
	MANUAL VOLUME DAMPER
► ×	DUCT DOWN
	DUCT UP
	SUPPLY/OUTSIDE AIR DUCT SECTION
	EXHAUST/RELIEF AIR DUCT SECTION
<u>SD-1</u> 6/115	AIR TERMINAL PROPERTIES SYMBOL NECK SIZE/CFM
S	THERMOSTAT/SENSOR w/HEAVY DUTY ENCLOSURE
EA	EXHAUST/RELIEF AIR
OA	OUTSIDE AIR
SA	SUPPLY AIR
BD	BRANCH DUCT
L	

С

^f Minnesota, LLC	Drawing Title FIRST FLOOR PLAN - MECHANICAL	Project Title FT. SAM HOU CEMETERY F			Projec Buildii	846CN	//3040	
412-4090 (f)	Approved: Project Director	Location 1520 HARRY WURZI 78209	BACH RD, SAN	ANTONIO, TX		ng Nur M1		
		Date 08/06/2015	Checked WADROS	Drawn JOHMAS	Dwg.		.UI of	





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Minnesota, LLC	Drawing Title HVAC DETAILS	Project Title FT. SAM HOU CEMETERY R		Projec Buildi	846CI	M304		
412-4090 (f)	Approved: Project Director	Location 1520 HARRY WURZE 78209	BACH RD, SAN	ANTONIO, TX		ng Nur M2		
		Date	Checked	Drawn				-
		08/06/2015	WADROS	JOHMAS	Dwg.	39	of	49

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8

DUCTWORK SQUARE VANE ELBOWS

- 4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" [500mm] VANES SHALL
- ALL SINGLE THICKNESS VANES SHALL HAVE A 2" [50mm] RADIUS, 1 1/2" [40mm] MAXIMUM SPACE BETWEEN VANES AND A 3/4" [20mm] TRAILING EDGE.
- 2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE
- 1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY

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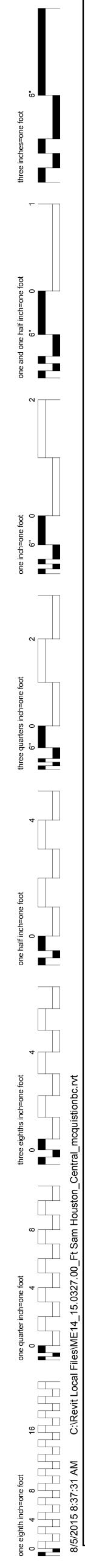
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														SIN	IGLE PACK	AGED	AIR CON	NDITION	NER HEA	T PUMP S	CHEDUI	E (GROL	JND M	OUNTED)													
													C	OOLING (CAPACITY								HE	EATING CAPA	CITY						E	ELECTRICAL DA	ТА					
MAR	LOCATIO	N AREA AND/OR BLDG SERVED	TYPE	TOTAL SUPPLY AIR FLOW	Min. Ol Air f	JTSIDE LOW	EXT STA ⁻ PRESSUI	RE	QUIVALENT CAPACITY /ITH HRW-1	Min. To Capa	OTAL CITY	MIN. SENS CAPACITY	MIN EER	Db	EAT	Wb	OSA DE TEN	ESIGN MP	COMP Kw	EQUIVALENT CAPACITY WITH HRW-1		HEAT ACITY	EAT	DB	LAT Db	OSA DESIG TEMP		AIR FILTER ARK NO	SUPPLY F	AN		EXHAUST F	FAN	UNIT P(WER CONN	NECTION	R	MARKS
				CFM [L/s]	CFM	[L/s]	IN	[Pa] M	BH [kW]	MBH	[kW]	MBH [kW]		°F	[°C] °F	[°C]	°F	[°C]		MBH KW	MBH	KW	°F	[°C] °F	= [°C]] °F [°	°C]	HP	[W]	RPM	HP	[W]	RPM	MCA	PHASE	VOLT		
AHU-	GROUND	CEMETERY RESTROOMS	PACKAGED HEAT RECOVERY	1050 [500]	1050	[500]	0.6	[15] 82	2.3 [280]	56.8	[190]	37.7 [11]	12.7	85.8	[30] 69.8	[21]	[99]	[37]	[6]	[69] [20]	[43]	[13]	46.5	[8] 79.	1 [26]] [20] [-	-7] 2	20-PF-1 2	[1500]	1760	1	[750]	1760	55	[1]	230	NOTE 1, 2 & 3	

NOTES

1. PROVIDE UNIT WITH INTEGRAL HEAT RECOVERY WHEEL (HRW-1). REFER TO ROTARY AIR TO AIR HEAT RECOVERY WHEEL SCHEDULE FOR ADDITIONAL INFORMATION. 2. DIRECT DRIVE SUPPLY AND EXHAUST FANS.

3. UNIT MOUNTED VARIABLE FREQUENCY DRIVES CONTROL FAN SPEEDS TO MAINTAIN CFM.

1 2 3

													ROTA	RY AIF	R TO AI	R HEAT	FRECC	VERY	WHEEL	SCHE	DULE												
									SUPF	PLY AIR											EXHAL	JST AIR							DOTO				
MADIZ	MARK LUCATION AND/OR MODE	SUPF	PLY AIR				E	AT			L	AT							E	AT			L	_AT			RUIU	R MOTOR					
	LUCATION	AND/OR SERVICE	MODE	Fl	_OW		\PD		Db		Wb		Db	1	Wb		FLOW		\PD		Db	\ \	Wb		Db		Wb			DUACE		_	REMAR
				CFM	[L/s]	IN	[Pa]	°F	[°C]	°F	[°C]	°F	[°C]	°F	[°C]	CFM	[L/s]	IN	[mm]	°F	[°C]	°F	[°C]	°F	[°C]	°F	[°C]	- HP	[kW]	PHASE	VOLT		
	HRW-1 AHU-1 AHU-1 WINTER	1050	[500]	3	[75]	99	[37]	76	[24]	85.8	[30]	69.8	[21]	1050	[500]	1.6	[40]	99	[37]	76	[24]	87	[31]	69	[21]	0.05		1	230	NOTE 1 & 2			
		WINTER	1050	[500]	3	[75]	20	[-7]	18	[-8]	46.4	[8]	37.8	[3]	1050	[500]	1.6	[40]	70	[21]	54	[12]	45	[7]	42	[6]	0.05			230	NOTE I & Z		

NOTES

1. PROVIDE UNIT WITH 2" PLEATED 30% FILTERS, CLOGGED FILTER SWITCH AND MAGNEHELIC GAUGE.

								AIR DEVICE	SCHED	ULE (SUPPL	_Y)					
			AIR F	LOW			(APD		PANEL	/FRAME SIZE	NE	CK SIZE				
MARK	TYPE	N	<i>/</i> IN	N	ΛAX		(AFD	MOUNTING	IN x IN	r 1	IN		NC	DAMPER	FINISH	REMARKS
		CFM	[L/s]	CFM	[L/s]	IN WG	[Pa]			[mm x mm]		[mm]				
SD-1	SUPPLY REGISTER	200	[94]	300	[140]	0.077	[19]	CEILING	18 x 6	[508 x 203]	18 x 6	[457 x 152]	15	BD	WHITE	
SD-2	SUPPLY REGISTER	60	[28]	115	[54]	0.110	[28]	CEILING	6 x 6	[203 x 203]	6 x 6	[152 x 152]	15	BD	WHITE	
SD-3	SUPPLY REGISTER	100	[47]	150	[71]	0.110	[28]	WALL	8 x 6	[254 x 203]	8 x 6	[203 x 152]	17	BD	WHITE	

NOTES

1. SEE FLOOR PLAN FOR THROW PATTERN.

2. SEE DETAIL 7/M2.01 FOR DAMPER IN BRANCH DUCT SERVING EACH DIFFUSER.

						AIR D	EVICE S	CHEDULE (I	EXHAUST)	ł.			
MARK	TYPE	M	AX	MAX	APD	MOUNTING	PANEL/	FRAME SIZE	NEC	CK SIZE	NC	DAMPER	FINISH	REMARKS
		CFM	[L/s]	IN WG	[Pa]		IN x IN	[mm x mm]	IN x IN	[mm x mm]				
EG-1	EXHAUST GRILLE	75	[35]	0.049	12.000	CEILING	8 x 8	[203 x 203]	6 x 6	[152 x 152]	10	BD	WHITE	
EG-2	EXHAUST GRILLE	75	[35]	0.049	12.000	CEILING	10 x 6	[254 x 152]	8 x 4	[203 x 102]	10	BD	WHITE	
EG-3	EXHAUST GRILLE	165	[110]	0.049	12.000	CEILING	14 x 8	[356 x 254]	12 x 6	[305 x 203]	10	BD	WHITE	
EG-4	EXHAUST GRILLE	265	[130]	0.049	12.000	CEILING	14 x 14	[356 x 356]	12 x 12	[305 x 305]	10	BD	WHITE	
EG-5	EXHAUST GRILLE	400	[190]	0.049	12.000	CEILING	16 x 16	[406 x 406]	14 x 14	[356 x 356]	10	BD	WHITE	

			ROOM AIF	R BALA	NCE S	CHEDI	JLE		
				SUF	PLY	EXH	AUST		
ROOM NO	ROOM NAME	AIR HANDLING UNIT NO	INDIVIDUAL ROOM TEMP CONTROL	AIR F	LOW	AIR F	LOW	ROOM AIR BALANCE	REMARKS
				CFM	L/S	CFM	L/S		
01	LOBBY	AHU-1	Ν	740	[350]	0	[]	+	
02	ELECTRICAL	AHU-1	Ν	60	[28]	60	[28]	0	
03	WOMEN	AHU-1	Ν	120	[52]	300	[140]	-	
04	FAMILY	AHU-1	Ν	0	[]	80	[38]	-	
05	MEN	AHU-1	Ν	130	N/A	300	[140]	-	
06	MECHANICAL	AHU-1	Ν	0	[]	120	[57]	-	
07	ALCOVE	AHU-1	Ν	0	N/A	240	[110]	-	

			- CONSULTANTS:
			K J ENGINEERING CONSULTANTS
			The FUTURE. Built SMARTER.®
			623 26TH AVENUE QUAD CITIES, IL 61201
			======================================
No.	Revisions	Date	STRUCTURAL MECHANICAL ELECTRICAL TECHNOLOGY MEDICAL EQUIPMENT SOLUTIONS

2

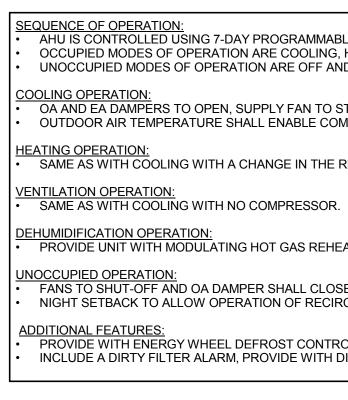
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4	5	6	7	8	9



(WALL MTD SPACE TEI SENSOR	MP



ARCHITECT/ENGINEERS:

ANDERSON ENGINEERING ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE | www.ae-mn.com AE PROJECT NO.: 13949

Anderson Engineering of Mi 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS

DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE

4

PREPARED BY ME OR UNDER MY

STATE OF ILLINOIS.

DATE: 08-06-15

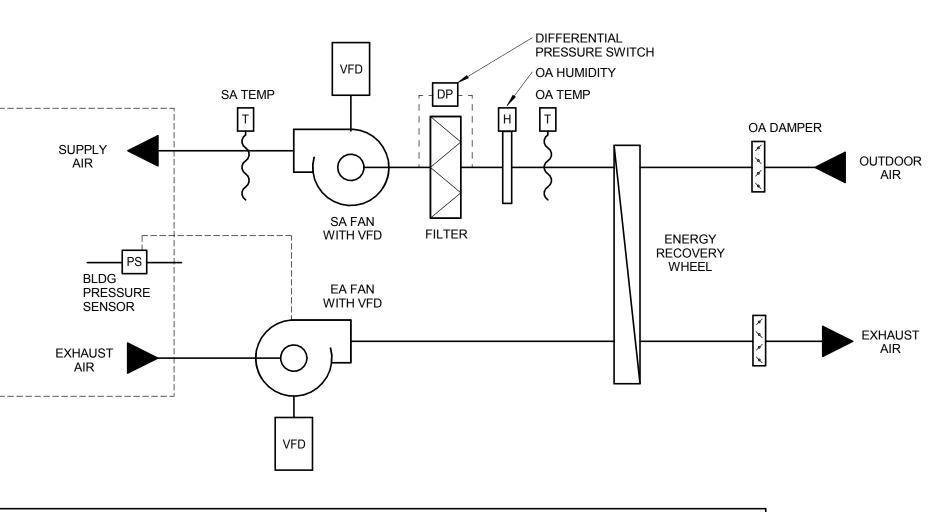
PRINT NAME: WADE C. ROSS

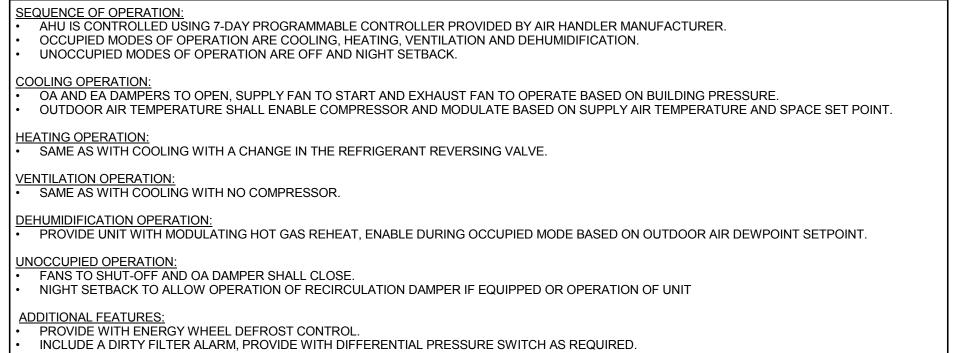
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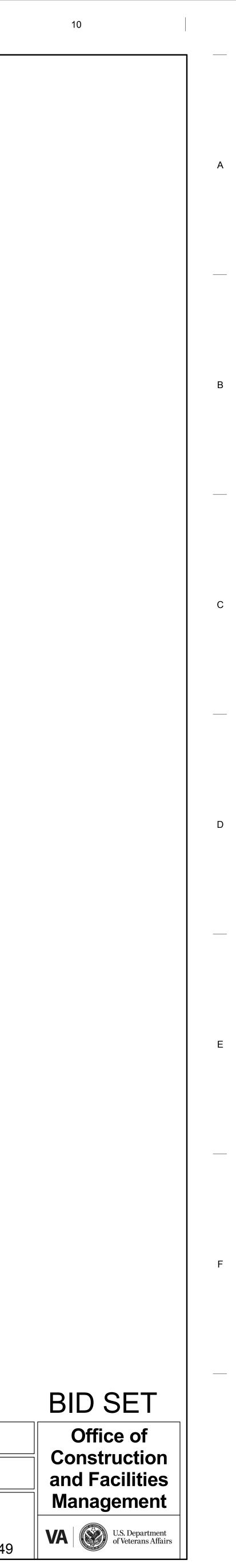
MARKS



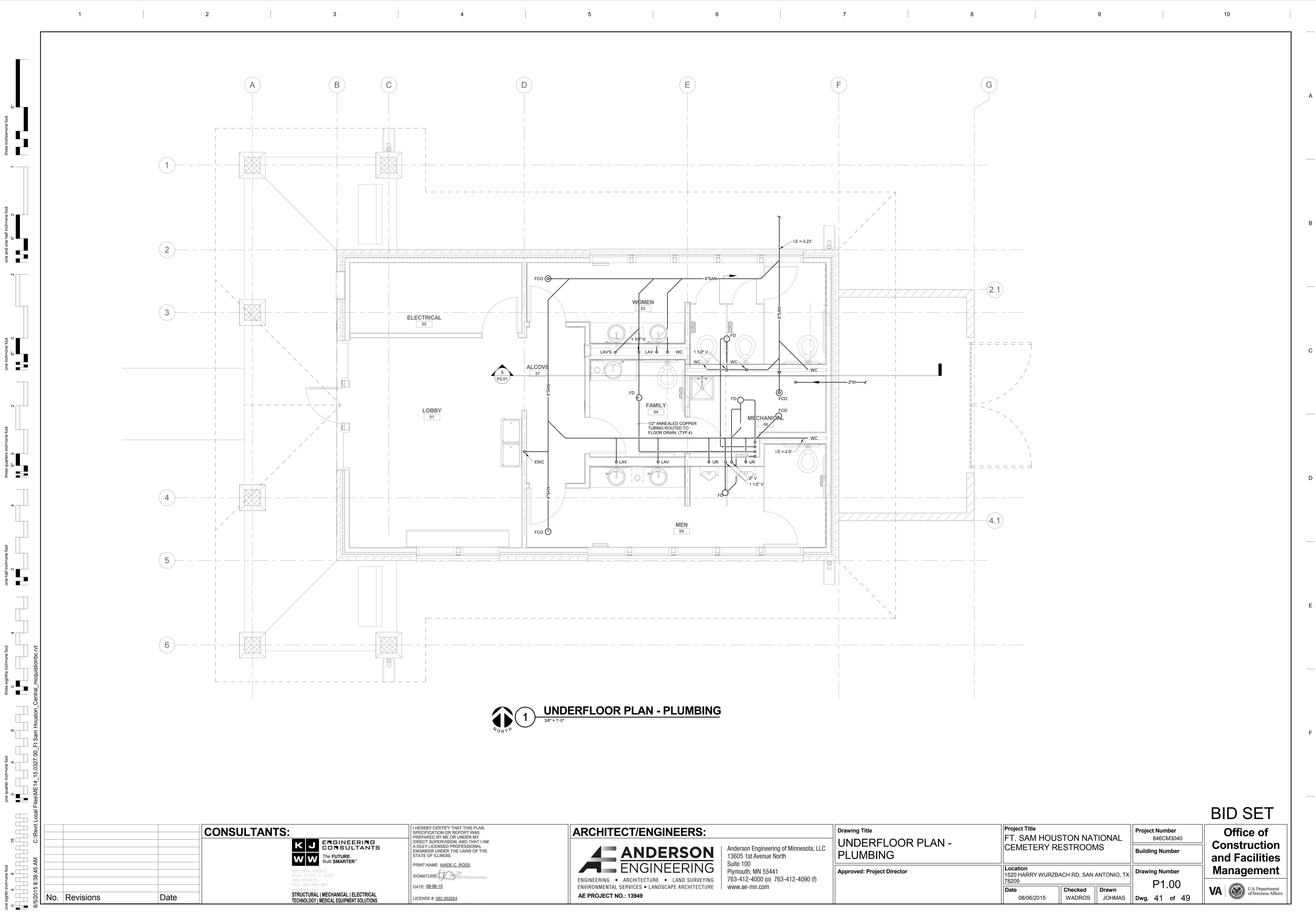


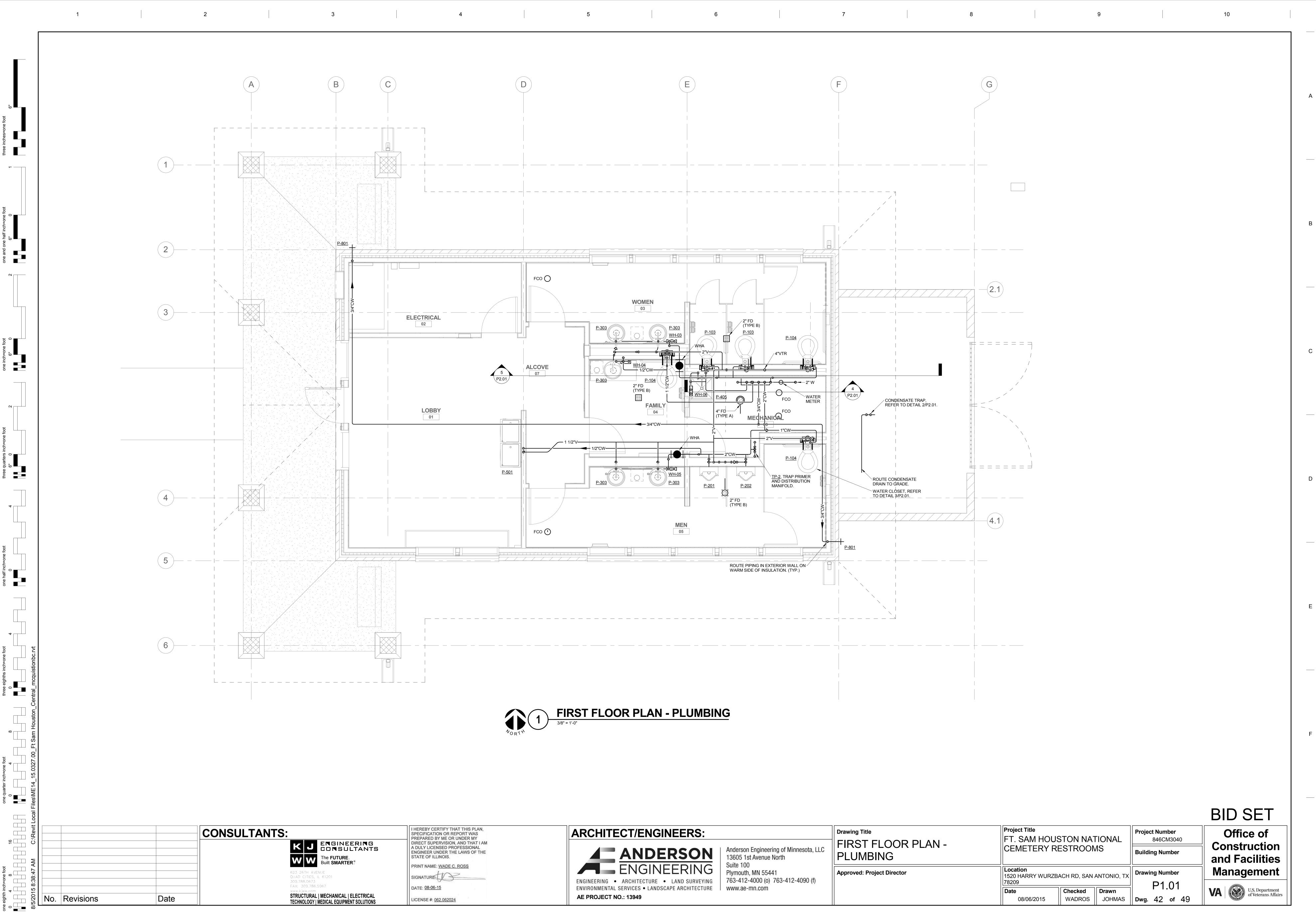
1 AIR HANDLER (AHU-1) - CONTROL DIAGRAM NO SCALE

	Drawing Title MECHANICAL SCHEDULES		Project Title FT. SAM HOUSTON NATIONAL CEMETERY RESTROOMS				
Minnesota, LLC							
412-4090 (f)	Approved: Project Director	Location 1520 HARRY WURZE 78209	Drawing Number M3.01				
		Date 08/06/2015	Checked WADROS	Drawn JOHMAS	Dwg. 40 of 49		



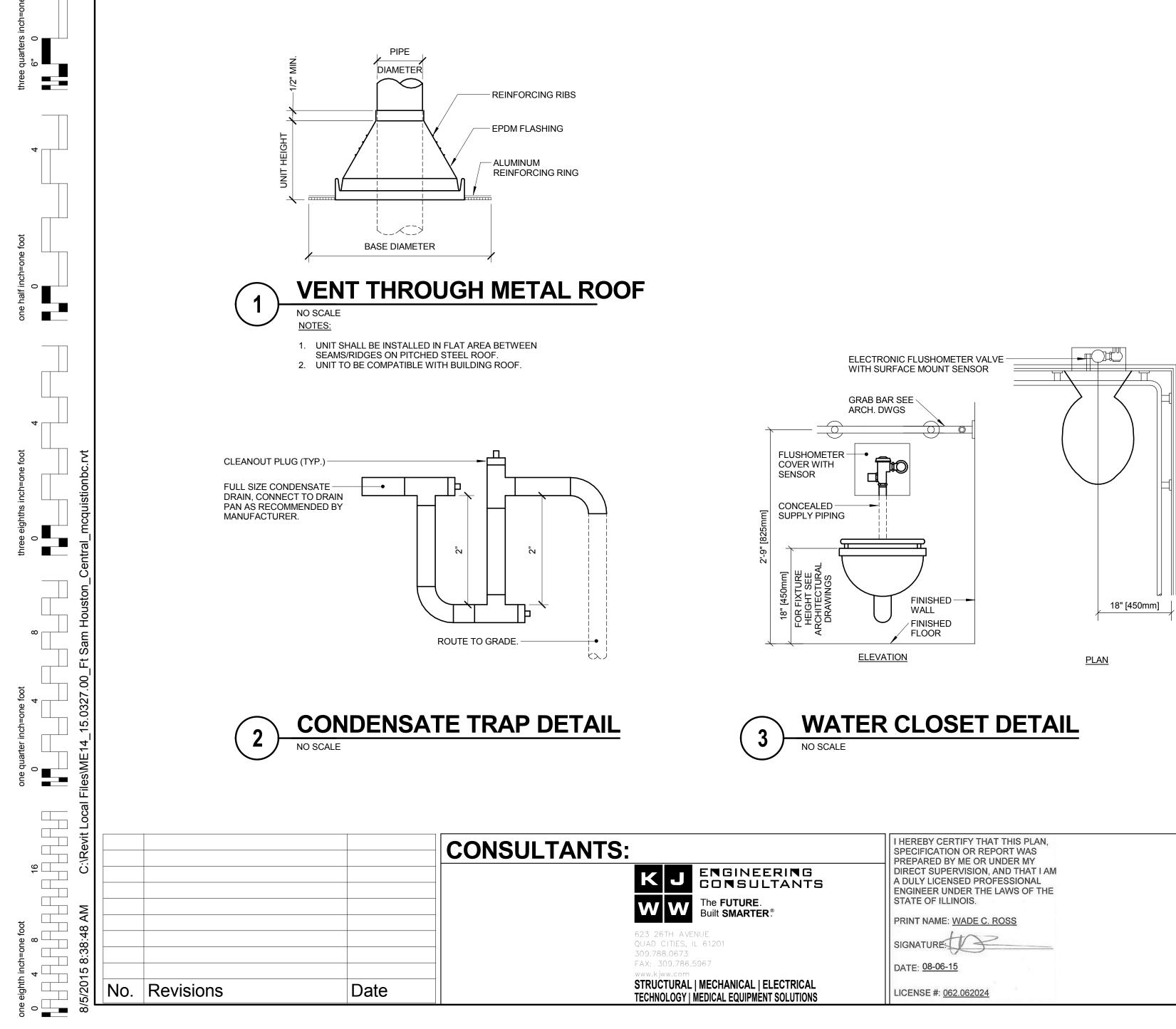






						F	LUMBING	-IXTURE \$	SCHEDUL	E			
	DESCRIPTION	WAST	E PIPE	VEN	T PIPE	COLD	WATER	HOT	WATER	WASTE	WATER	ELECTRIC	
MARK		IN	[mm]	IN	[mm]	IN	[mm]	IN	[mm]	- FIXTURE UNITS	FIXTURE UNITS	SENSOR	REMARKS
P-103	WATER CLOSET, WALL HUNG	4	[75]	2	[50]	1.25	[31]			6	10	YES	
P-104	WATER CLOSET, WALL HUNG (ADA)	4	[75]	2	[50]	1.25	[31]			6	10	YES	
P-201	URINAL WALL HUNG	2	[50]	1.5	[38]	.75	[19]			2	5	YES	
P-202	URINAL WALL HUNG (ADA)	2	[50]	1.5	[38]	.75	[19]			2	5	NO	
P-303	LAVATORY	2	[50]	1.5	[38]	.5	[13]			2	2	NO	PROVIDE SINGLE TEMPERED WATER CONNECTION TO FAUCET.
P-405	SINK SERVICE FLOOR MOUNTED	3	[75]	2	[50]	.75	[19]	.75	[19]	3	4	NO	
P-501	ELECTRIC WATER COOLER	2	[50]	1.5	[38]	.5	[13]			1	1	NO	
P-801	WALL HYDRANT					.75	[19]				5	NO	

	ELECTRIC WATER HEATER SCHEDULE												
MARK	LOCATION	AREA AND/OR	SYSTEM AND/OR	TYPE	48 °F [21	°C] RISE	NO OF	EL	ECTIRCAL INP	UT	REMARKS		
WARK	BLDG SERVED SERVICE GPM LPM ELEMENTS	ELEMENTS	TOTAL kW	PHASE	VOLT	- REWARNS							
WH-03	WOMEN 03	RESTROOOM FACILITY	LAVATORIES	INSTANTANEOUS	1	[4]	1	4.8	1	240	PROVIDE WITH 1070 MIXING VALVE		
WH-04	FAMILY 04	RESTROOOM FACILITY	LAVATORY	INSTANTANEOUS	.5	[2]	1	3.5	1	120	PROVIDE WITH 1070 MIXING VALVE		
WH-05	MEN 05	RESTROOOM FACILITY	LAVATORIES	INSTANTANEOUS	1	[4]	1	4.8	1	240	PROVIDE WITH 1070 MIXING VALVE		
WH-06	MECHANICAL 06	RESTROOOM FACILITY	SERVICE SINK	INSTANTANEOUS	2.5	[10]	2	19	1	240			



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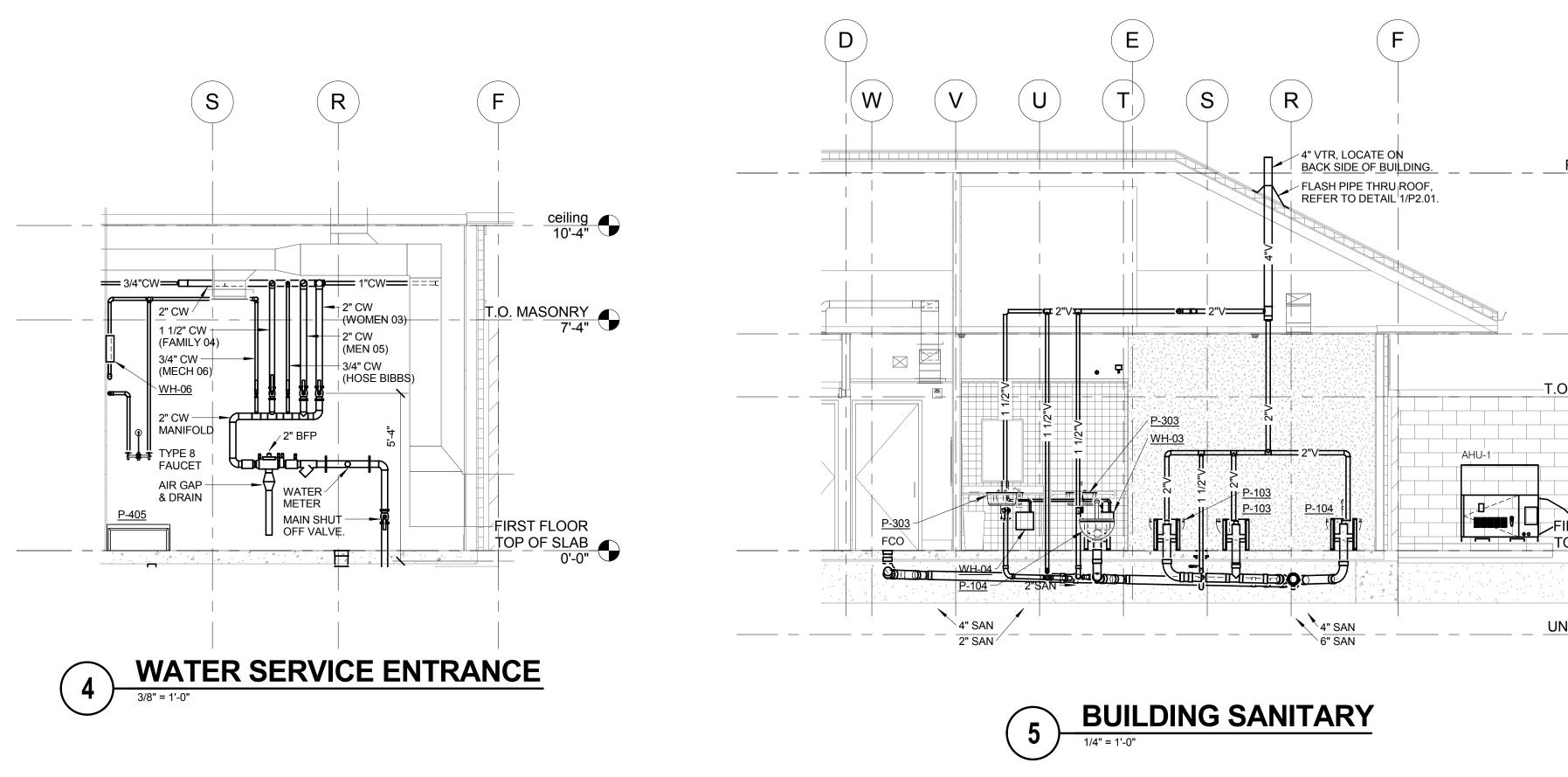
one inch=on 6"

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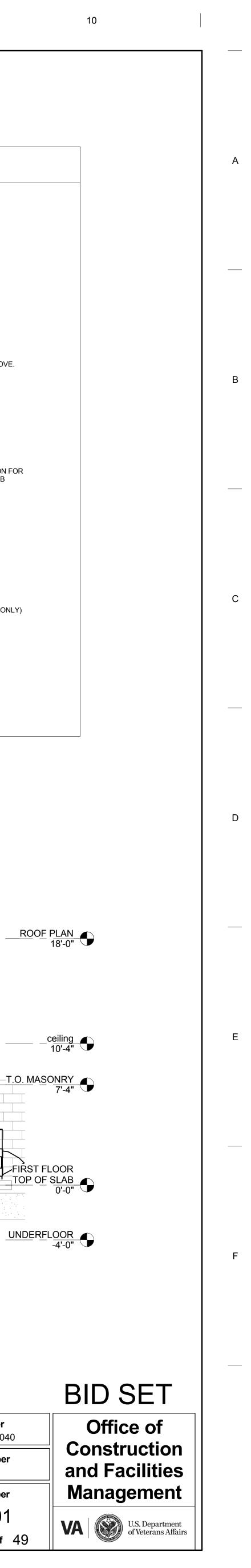
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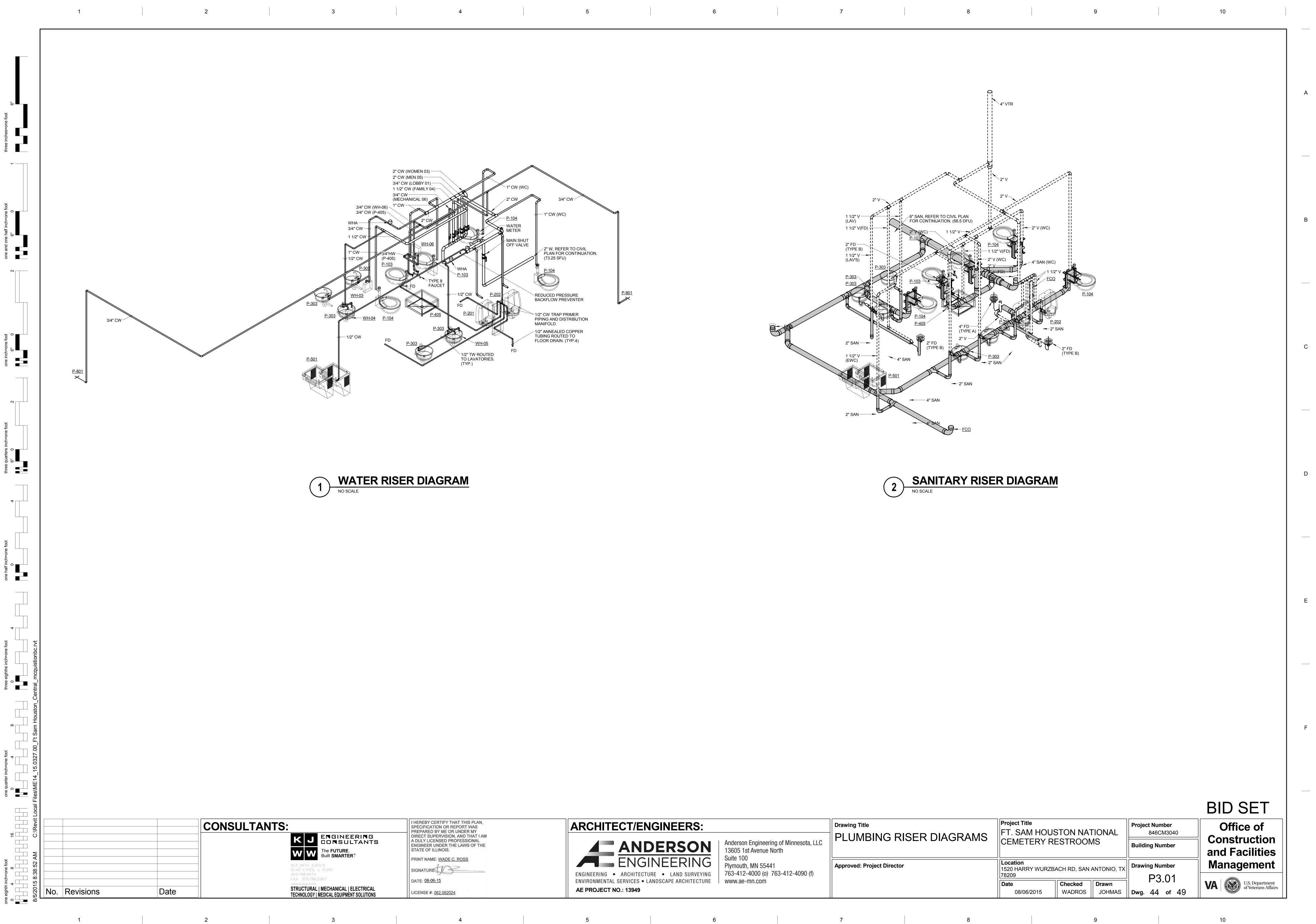


I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM	ARCHITECT/ENGINEERS:			Project Title FT. SAM HOU	Project Title FT. SAM HOUSTON NATIONAL				
A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.	Anderson Engineering of Minnesota, LLC 13605 1st Avenue North	PLUMBING SCHEDULES & DETAILS	CEMETERY R	Building Number	=				
PRINT NAME: <u>WADE C. ROSS</u> SIGNATURE: <u>08-06-15</u> LICENSE #: <u>062.062024</u>	ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE AE PROJECT NO.: 13949	Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com	Approved: Project Director	Location 1520 HARRY WURZE 78209 Date 08/06/2015	BACH RD, SAN	ANTONIO, TX Drawn JOHMAS	Drawing Number P2.01 Dwg. 43 of 49	=	

SYMBOL:	DESCRIPTION:
	- EXISTING TO REMAIN
	- NEW
CW	- COLD WATER - POTABLE
D	- DRAIN LINE
— HW ——	- HOT WATER - POTABLE
— SAN ——	- SANITARY DRAINAGE
V	- VENT
— w —	- SERVICE WATER - POTABLE
`	PIPE DOWN
o	PIPE UP OR UP/DOWN
o _{FD}	PIPE SERVING FIXTURE ON FLOOR ABOVE. (EXAMPLE: FD = FLOOR DRAIN)
	- UNDERFLOOR PIPING (LONG DASHES)
	PITCH PIPE IN DIRECTION
	- DIRECTION OF FLOW IN PIPE
$\neg \bowtie$	- SHUTOFF VALVE NORMALLY OPEN
— M	- SHUTOFF VALVE NORMALLY CLOSED
D	REDUCER - REFERENCE SPECIFICATION FOR CONCENTRIC/ECCENTRIC AND FOT/FOB
	- METER
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
EWC	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
HB	HOSE BIBB
I.E.	INVERT ELEVATION (FOR REFERENCE ONLY)
LAV	LAVATORY
MB	MOP BASIN
SS	SERVICE SINK
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER
YCO	YARD CLEANOUT

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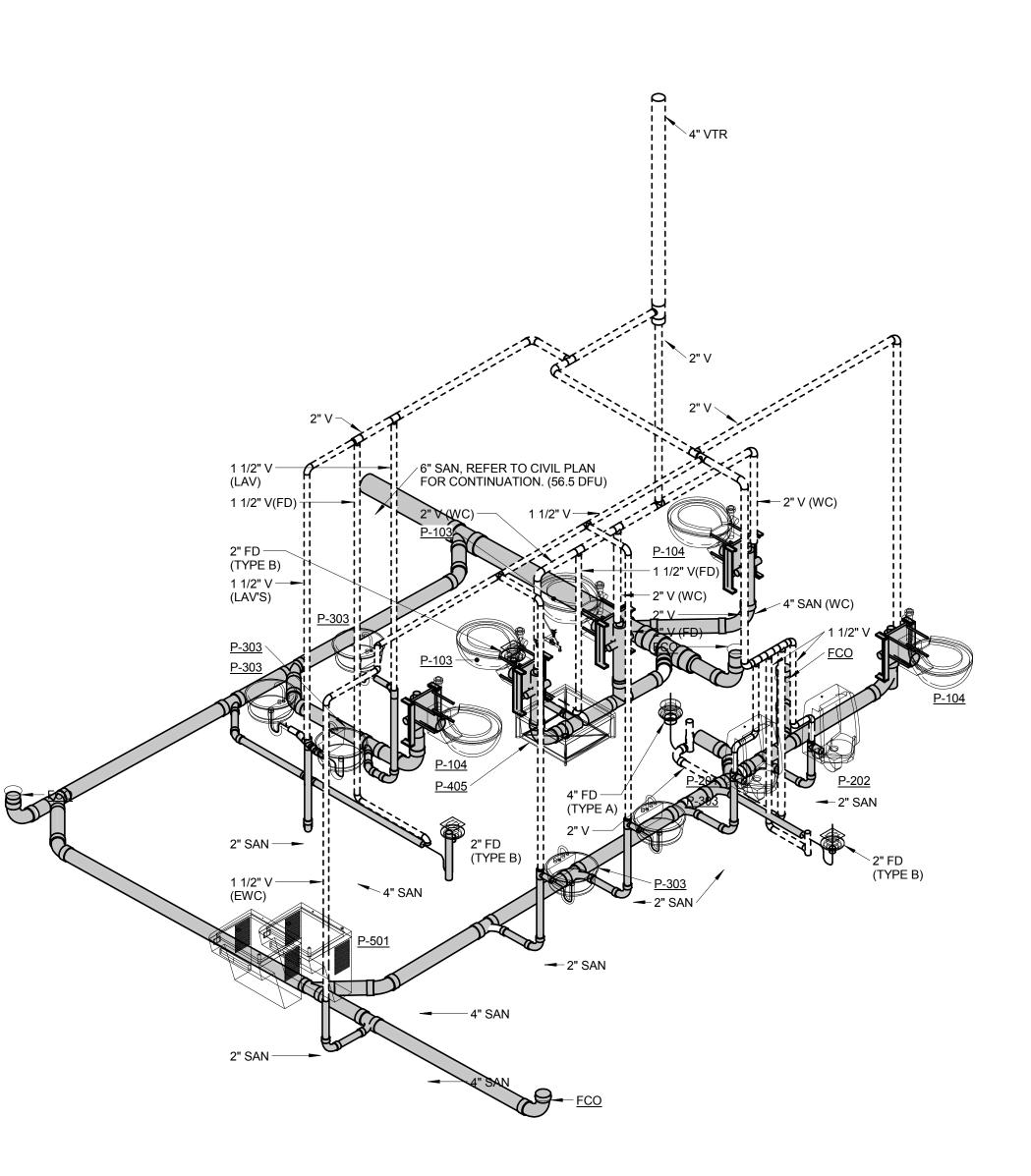




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PRINT NAME: WADE C. ROSS
DATE: 08-06-15
LICENSE #: 062.062024

Suite 100 Plymouth, MN 55441 763-412-4000 (0) 763-412

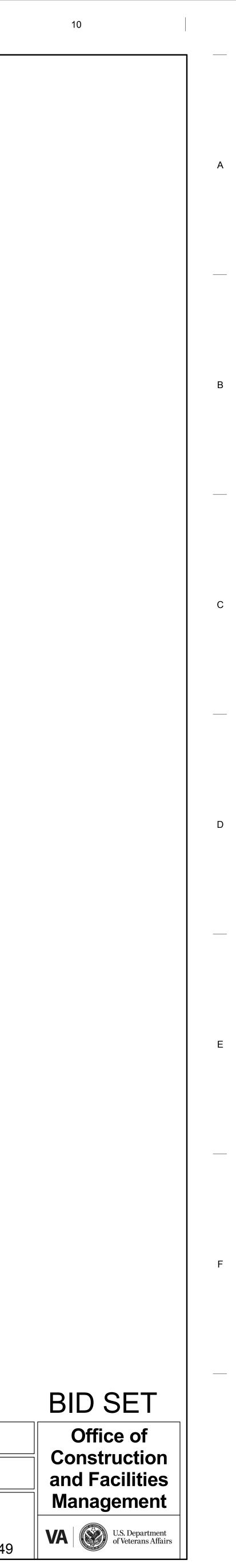
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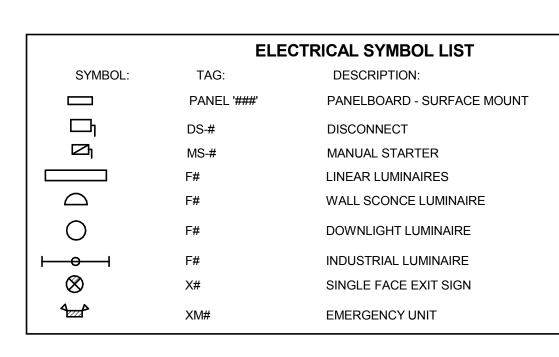




	ber			
Approved: Project Director 1520 HARRY WURZBACH RD, SAN ANTONIO, TX Drawing Num				
412-4090 (f)	Drawing Number P3.01			
Date Checked Drawn	51 of 49			

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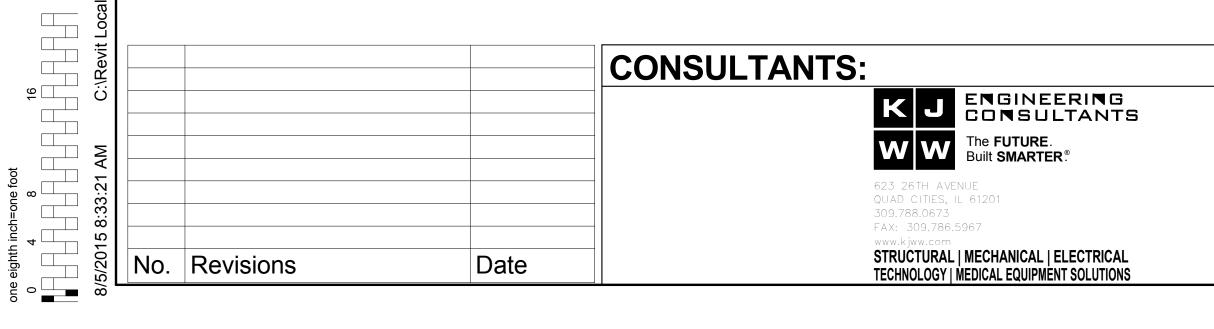
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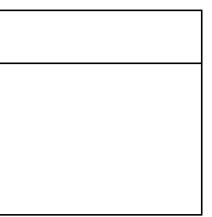
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	ELECTRICAL EQUIPMENT TAGS								
TAG:	DESCRIPTION:	RELATED SPECIFICATION:							
<u>DS-#</u>	DISCONNECT SWITCH, REFER TO DISCONNECT AND STARTER SCHEDULE	26 28 16							
FAP-#	FIRE ALARM - CONTROL PANEL	28 31 00							
<u>HH-#</u>	HANDHOLE	26 05 33							

ELECTRICAL ABBREVIATIONS				
ABBREVIATION:	DESCRIPTION:			
E.C.	ELECTRICAL CONTRACTOR			
G.C.	GENERAL CONTRACTOR			
M.C.	MECHANICAL CONTRACTOR			
P.C.	PLUMBING CONTRACTOR			
AFF	ABOVE FINISHED FLOOR			
EWC	ELECTRIC WATER COOLER			
+#"	MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTERLINE			



2



ELECTRICAL GENERAL NOTES 1. "1/E3.00" INDICATES DETAIL NUMBER/SHEET NUMBER. 2. <u>##-###</u> INDICATES ELECTRICAL EQUIPMENT DEFINED IN ELECTRICAL SCHEDULES OR SPECIFICATION. REFER TO DRAWINGS CONTAINING ELECTRICAL SCHEDULES. PERMANENT NAMEPLATE SHALL MATCH FINAL EQUIPMENT NOMENCLATURE, NOT ELECTRICAL EQUIPMENT TAG NAME, REFER TO SPECIFICATIONS. " INDICATES KEYED NOTE USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL IT IS SHOWN WITH. 4. {L###} INDICATES THE LIGHTING SEQUENCE OF OPERATION FOR THE SPACE. REFER TO THE LIGHTING SEQUENCE OF OPERATION MATRIX ON SHEET #/###. 5. "SE" INDICATES LUMINAIRE IS SWITCHED DURING NORMAL OPERATION AND OPERATES FROM EMERGENCY BATTERY UPON LOSS OF POWER. CONNECT THE SWITCHING DEVICE TO THE BALLAST FOR NORMAL OPERATION. EXTEND "AN" UNSWITCHED PORTION OF THE SAME CIRCUIT TO THE FIXTURE FOR CONNECTION TO THE EMERGENCY BATTERY AND BALLAST. LUMINAIRE KEY: F1 = FIXTURE TAG 1 = CIRCUIT NUMBERa = SWITCH NUMBER LUMINAIRE NL = SUBSCRIPT (IF APPLICABLE) *IF LABEL IS ORIENTED HORIZONTALLY A / WILL SEPARATE THIS INFORMATION. EX: F1 / 1 / A / NL DEVICE KEY: *IF LABEL IS ORIENTED HORIZONTALLY A / WILL SEPARATE THIS INFORMATION. EX: A / 1 MOUNTING SUBSCRIPT KEY: 8 RECEPTACLES AND TELECOMMUNICATIONS OUTLETS: A MOUNT ABOVE COUNTER (+6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH) A SLASH IS USED BETWEEN TWO SUBSCRIPTS ie: A/H REFER TO SPECIFICATIONS FOR FULL DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES. LINE TYPE KEY: 9 ------ NEW WORK BY THIS CONTRACTOR (DARK SOLID LINE) – – – – NEW WORK UNDERFLOOR OR UNDERGROUND BY THIS CONTRACTOR (DARK LONG DASHED LINE) NEW WORK BY OTHERS AND/OR EXISTING TO REMAIN (LIGHT SOLID LINE)

2 3 9 4 9 **1**

ELECTRICAL INSTALLATION NOTES

- 1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES).
- 2. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.
- 3. FLUSH MOUNT ALL TOGGLE SWITCHES AT +42" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. TOGGLE SWITCHES MAY BE SURFACE MOUNTED WHEN CONDUIT IS
- 4. FLUSH MOUNT ALL DUPLEX RECEPTACLES AND TELECOMMUNICATION OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. RECEPTACLES AND

OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED.

SPECIFIED EXPOSED.

- 5. DUPLEX RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) SHALL BE CONCEALED BEHIND WATER COOLER ACCESS PLATE OR BE DIRECTLY BELOW AND CENTERED ON EWC. CONTRACTOR
- SHALL VERIFY TYPE OF EWC TO BE INSTALLED.MOUNT ALL FIRE ALARM PULL STATIONS AT +42" FROM FLOOR (CENTERLINE DIMENSION) EXCEPT
- WHERE OTHERWISE NOTED.
 7. INSTALL ALL WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90" ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE NOTED. HEIGHT SHALL BE MEASURED TO THE TOP OF THE DEVICE.
- 8. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL DETECTORS WITH LUMINAIRES, SPRINKLER, AND CEILING DIFFUSERS. CENTER ALL DEVICES IN CEILING TILE PATTERN. SMOKE DETECTORS SHALL BE LOCATED NO CLOSER THAN 3 FEET TO AN AIR SUPPLY DIFFUSER OR RETURN GRILLE.
- 9. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION THIS CONTRACTOR SHALL ADJUST RECEPTACLES, OUTLETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
- 10. ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF, OPERATION OF, AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT, ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.

ONE LINE DIAGRAM NOTES

- 1. AIC RATINGS LISTED FOR EQUIPMENT ARE MINIMUM REQUIREMENTS FOR BUS BRACING AND DEVICE RATING. ALL EQUIPMENT SHALL BE FULLY RATED UNLESS SPECIFICALLY NOTED AS SERIES RATED.
- 2. ____ INDICATES DIRECT CONNECTION OF GROUND CONDUCTOR TO GROUND BUS. SUBSCRIPT "I" INDICATES DIRECT CONNECTION OF ISOLATED GROUND CONDUCTOR TO ISOLATED GROUND
- BUS.
 INDICATES O.Z. GEDNEY OR EQUAL GROUND BUSHING BONDED TO GROUND BUS WITH CONDUCTOR SIZED TO MAXIMUM FEEDER GROUND CAPACITY.
- 4. CONDUCTOR AND CONDUIT SIZES ON THE LINE AND LOAD SIDES OF ALL NON-FUSIBLE DISCONNECT
- SWITCHES SHALL BE IDENTICAL UNLESS NOTED OTHERWISE. 5. (M) INDICATES KILOWATT-HOUR METER AS SUPPLIED BY UTILITY COMPANY.
- 6. E INDICATES CURRENT TRANSFORMER, SIZE AS SPECIFIED.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS. PRINT NAME: MATTHEW D. SNYDER SIGNATURE: MATTHEW D. SNYDER DATE: 08-06-15

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LICENSE #: 062.061824

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ARCHITECT/ENGINEERS:



Anderson Engineering of M 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-41 www.ae-mn.com

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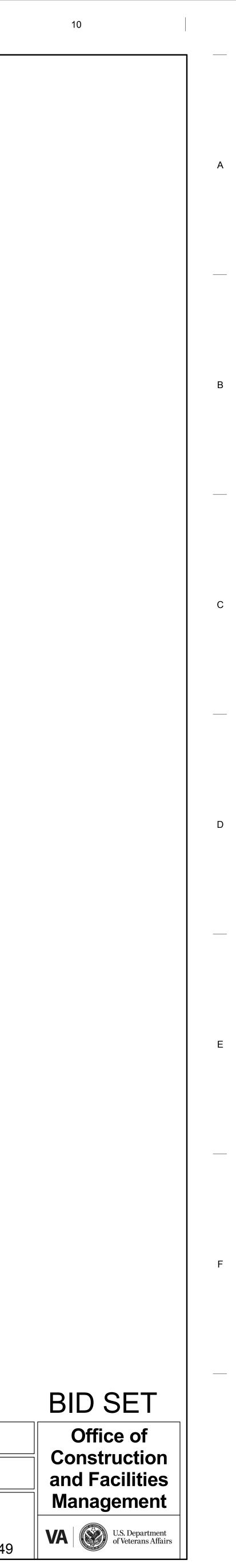
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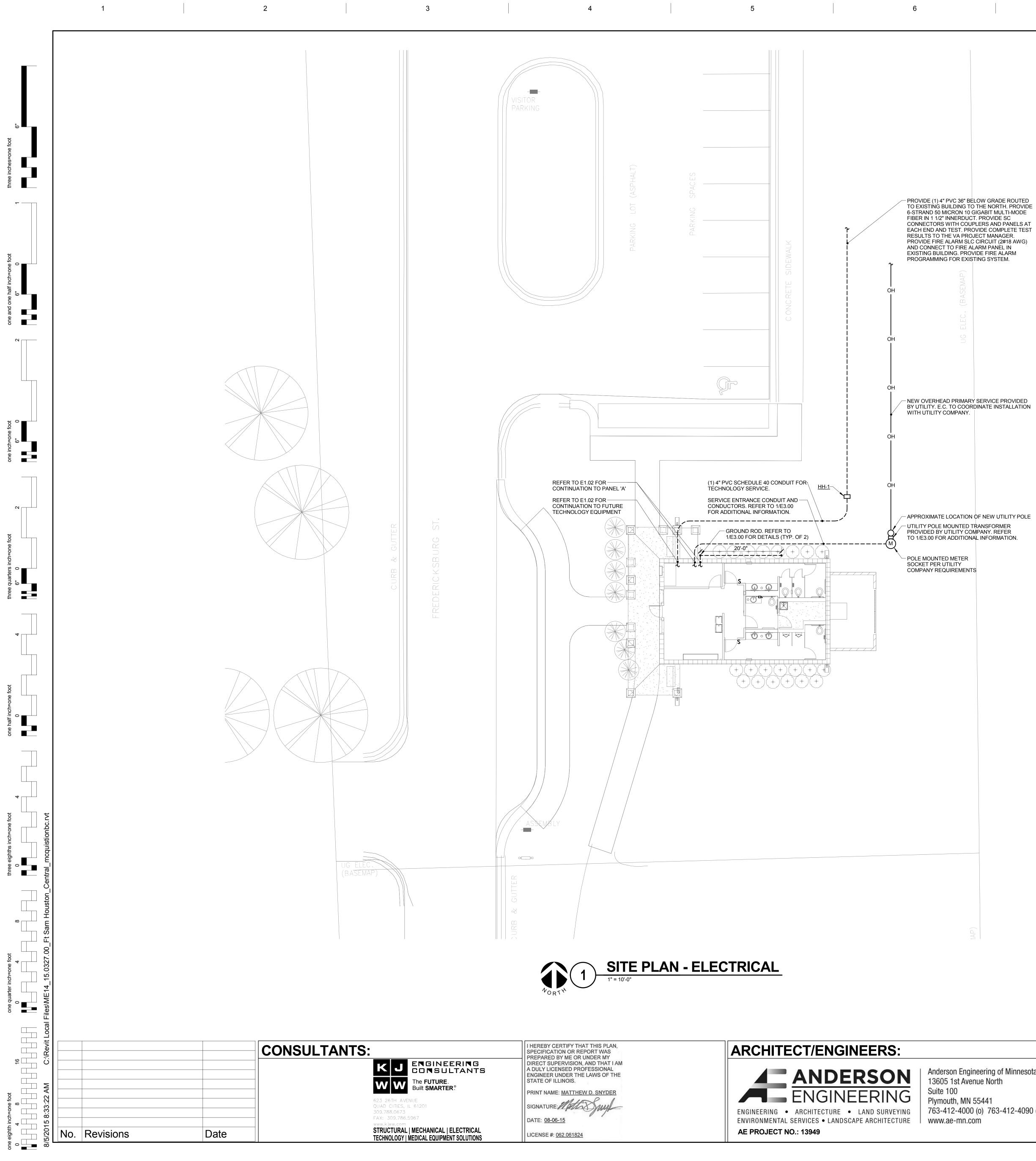
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/ERIFIC/	ATION OF QUAN	EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SI ITITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE	
MATERIA DESCRIF	G NUMBERS SH AL SHALL BE OR PTION OF THE	ALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEAR DERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST REA MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE TORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.	D THE COMPLETE
TEM NO.	SYMBOL	DESCRIPTION	APPROVED MANUFACTURERS
1	DEVICE COLOR	ALL SWITCH, RECEPTACLE, OUTLET, AND COVERPLATE COLORS SHALL BE VERIFIED WITH ARCHITECT, UNLESS INDICATED OTHERWISE.	HUBBELL LEVITON PASS & SEYMOUR COOPER
2	COVER PLATES	ALL SWITCHES, RECEPTACLES, AND OUTLETS SHALL BE COMPLETE WITH UNBREAKABLE THERMOPLASTIC COVERPLATES IN FINISHED SPACES WHERE WALLS ARE FINISHED; #302 STAINLESS STEEL COVERPLATES IN UNFINISHED SPACES FOR FLUSH BOXES; AND GALVANIZED STEEL COVERPLATES IN UNFINISHED SPACES FOR SURFACE MOUNTED BOXES. WHERE SEVERAL DEVICES ARE GANGED TOGETHER, THE COVER PLATE SHALL BE OF THE GANGED STYLE FOR THE NUMBER OF DEVICES USED.	HUBBELL LEVITON PASS & SEYMOUR COOPER
3	E	ELECTRICAL CONNECTION TO EQUIPMENT AND MOTORS, SIZE PER N.E.C. COORDINATE REQUIREMENTS WITH CONTRACTOR FURNISHING EQUIPMENT OR MOTOR. REFER TO SPECIFICATIONS AND GENERAL INSTALLATION NOTES FOR TERMINATIONS TO MOTORS.	REFER TO SPECIFICATIONS
4	<u>HH-1</u>	HANDHOLE, COMPOSITE POLYMER CONCRETE BODY AND COVER. STAINLESS STEEL HARDWARE. BOLTED NON-SKID COVER RATED FOR 20,000 LB. DESIGN LOAD OCCASIONAL NON-DELIBERATE VEHICULAR TRAFFIC. STACK UNITS TO ACHIEVE DEPTH SHOWN ON PLANS. UNITS IN LANDSCAPED AREAS SHALL BE GREEN IN COLOR. 11"W, 18"L, 18"D.	HUBBELL/QUAZITE PG1118BB18 PG1118HAOO CARSON INDUSTRIES H SERIES ARMORCAST HIGHLINE PRODUCTS SYNERTECH
5	-	PANELBOARD, SURFACE MOUNT, 240/120 VOLT, 1 PHASE, 3 WIRE, S/N, GROUND BUS, COPPER BUS, BOLT-ON BREAKERS, NEMA 1 ENCLOSURE, SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT, REFER TO SCHEDULES FOR SIZE AND CONFIGURATION, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	SQUARE D NQ GENERAL ELECTRIC AQ SIEMENS P1 CUTLER-HAMMER PRL1
6	PC	PHOTOCELL, 120/277 VOLT, 1800 V.A. RATED, SINGLE POLE, SINGLE THROW CONTACT, WEATHERPROOF AND CORROSION PROOF ENCLOSURE. MOUNT FACING NORTH. U.L. LISTED.	PARAGON CW-201-70 TORK 2107 INTERMATIC K4236
7	⊌	RECEPTACLE, DUPLEX, 125 VOLT, 20 AMP,3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R, IMPACT RESISTANT THERMOPLASTIC FACE, STEEL BACK STRAP. DOUBLE DUPLEX, CONSIST OF TWO DUPLEX RECEPTACLES, DOUBLE GANG BOX, PLASTER	HUBBELL 5352A LEVITON 5362-S PASS & SEYMOUR 5362 COOPER 5352
8	<u>ф</u>	RING AND FACEPLATE. RECEPTACLE, GROUND FAULT DUPLEX, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R. TEST AND RESET BUTTONS IN IMPACT RESISTANT THERMOPLASTIC FACE.	HUBBELL GF20L LEVITON 7899 PASS & SEYMOUR 2095 COOPER VGF20
9	₽ ^w	RECEPTACLE, GROUND FAULT DUPLEX, WEATHER RESISTANT, WEATHERPROOF COVERPLATE, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R. TEST AND RESET BUTTONS IN IMPACT RESISTANT THERMOPLASTIC FACE, NEMA 3R RATED WHILE IN USE, CAST ALUMINUM, NON-LOCKING, STANDARD DEPTH, VERTICAL MOUNT.	HUBBELL GFTR20/WP826 LEVITON W7899-TR/M5979 PASS & SEYMOUR 2095TRWR/WIUCAST1 COOPER TWRVGF20/WIUMV-1
10	S	SWITCH, SINGLE POLE, SINGLE THROW, 120/277 VOLT, 20 AMP. TOGGLE HANDLE, MAINTAINED CONTACT, SIDE AND BACK WIRED,	HUBBELL HBL1221 LEVITON 1221-2 PASS & SEYMOUR PS20AC1 COOPER 2221
11	s ₀	OCCUPANCY SENSOR WALL SWITCH, PASSIVE INFRARED, ZERO CROSSING CIRCUITRY, ADJUSTABLE SENSITIVITY AND TIME DELAY, NO MINIMUM LOAD REQUIREMENTS, MANUAL OR AUTO ON OPERATION, INITIAL SETTINGS: 10 MINUTES, AMBIENT SENSOR 40 FC.	WATT STOPPER PW-100 SERIES HUBBELL INC. LHIRS1 OR AP1277 LEVITON ODS15
12	© _D	OCCUPANCY SENSOR, CEILING MOUNTED 360 DEGREE, DUAL TECHNOLOGY PASSIVE INFRARED/ULTRASONIC FREQUENCY GREATER THAN 40 KHz, DUAL SENSING VERIFICATIONS (REQUIRES BOTH TECHNOLOGIES TO ACTIVATE), EITHER TECHNOLOGY MAINTAINS ON STATUS, INTEGRATED AMBIENT LIGHT LEVEL SENSOR (2-200 FC RANGE), ADJUSTABLE SENSITIVITY AND TIME DELAY, 5 YEAR WARRANTY. SENSOR SHALL CONTROL ALL CIRCUITS IN AREA, UNLESS NOTED OTHERWISE. INITIAL SETTINGS: TIME DELAY 15 MINUTES. CONTRACTOR SHALL SUBMIT MANUFACTURER SUPPLIED SENSOR COVERAGE DRAWING FOR SHOP DRAWING REVIEW.	WATT STOPPER DT 300 SERIES HUBBELL INC. OMNI-DT2000 OR ATD2000C LEVITON OSC##-MOW
13	<u>FAP-1</u>	FIRE ALARM CONTROL PANEL, ADDRESSABLE SYSTEM, FEATURING INTERFACE WITH ANALOG SENSING INITIATING DEVICES, EXPANDABLE MODULAR DESIGN, MICROPROCESSOR BASED ELECTRONICS, 120 VAC OPERATION, SURFACE. REFER TO SPECIFICATIONS FOR COMPLETE REQUIREMENTS.	SIMPLEX 4XXX SERIES NOTIFIER SIEMENS FIRE SAFETY EDWARDS
14	SD	SMOKE DETECTOR, ADDRESSABLE, ANALOG PHOTOELECTRIC SENSOR, 24 VDC, 2-PIECE DESIGN, LOW-PROFILE MOUNTING BASE WITH MULTI-FUNCTION LED INDICATOR, COMPLETE WITH MOUNTING HARDWARE AND BACKBOX.	SIMPLEX 4098 SERIES NOTIFIER SIEMENS FIRE SAFETY EDWARDS
15	F	FIRE ALARM MANUAL PULL STATION, ADDRESSABLE, DOUBLE ACTION WITH PLASTIC BREAKROD, RESET KEY LOCK, SEMI-FLUSH MOUNT, RED HIGH-ABUSE PLASTIC OR CAST METAL CONSTRUCTION WITH WHITE LETTERING.	SIMPLEX 2099 SERIES NOTIFIER SIEMENS FIRE SAFETY EDWARDS
16	V1	FIRE ALARM VISUAL NOTIFICATION APPLIANCE, HIGH-INTENSITY STROBE, RED HOUSING WITH WHITE LETTERING OR PICTOGRAM, SEMI-FLUSH WALL MOUNT; 24 VDC. CANDELA RATINGS: V1=15, V3=30, V7=75, AND VH=110. CANDELA RATING SHALL BE VISIBLE FROM THE OUTSIDE OF THE DEVICE.	SYSTEM SENSOR S24 GENTEX GES EDWARDS EG1 SIMPLEX 4904 SIEMENS UMCS WHEELOCK RSS
17	A7	FIRE ALARM AUDIO/VISUAL NOTIFICATION APPLIANCE, ELECTRONIC HORN WITH SELECTABLE OR TEMPORAL TONE, SELECTABLE SOUND OUTPUT AND HIGH-INTENSITY STROBE, RED HOUSING WITH WHITE LETTERING OR PICTOGRAM, SEMI-FLUSH WALL MOUNT; 24 VDC. CANDELA RATINGS: A1=15, A3=30, A7=75, AND AH=110. CANDELA RATING SHALL BE VISIBLE FROM THE OUTSIDE OF THE DEVICE.	SYSTEM SENSOR P2 GENTEX GEC EDWARDS EG1 SIMPLEX 4903 SIEMENS UMHST COOPER NOTIFICATION HS4
18	<u>INV-100</u>	EMERGENCY LIGHTING INVERTER, RATED AT 100 WATTS WITH UNITY POWER FACTOR. DEVICE TO BYPASS NORMAL CIRCUIT AND CONTROL UPON LOSS OF NORMAL POWER.	BODINE ELS-S-100
19	ТС	TIME SWITCH, 7 DAY ASTRONOMIC, 1 CHANNEL, ELECTRONIC, ONE SPDT 15 AMP CONTACT, L.C.D. DISPLAY, 12 OR 24 HOUR FORMAT, MINIMUM 100 HOURS CARRY-OVER, U.L. LISTED.	PARAGON EC71ST TORK DWZ100A INTERMATIC T173CR

	Drawing Title ELECTRICAL COVER SHEET	Project Title FT. SAM HOU	Project Number 846CM3040 Building Number Drawing Number E0.00					
Minnesota, LLC		CEMETERY R						
412-4090 (f)	Approved: Project Director	Location 1520 HARRY WURZBACH RD, SAN ANTONIO, T 78209						
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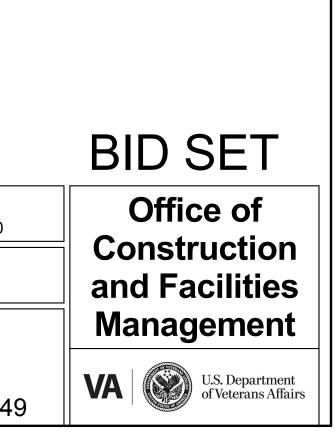
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linnesota, LLC			Building Number					
2-4090 (f)	Approved: Project Director	Location 1520 HARRY WURZ 78209	ANTONIO, TX	Drawing Number				
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. REFER TO E0.00 FOR GENERAL ELECTRICAL NOTES, ELECTRICAL INSTALLATION NOTES AND ELECTRICAL SYMBOL LIST.

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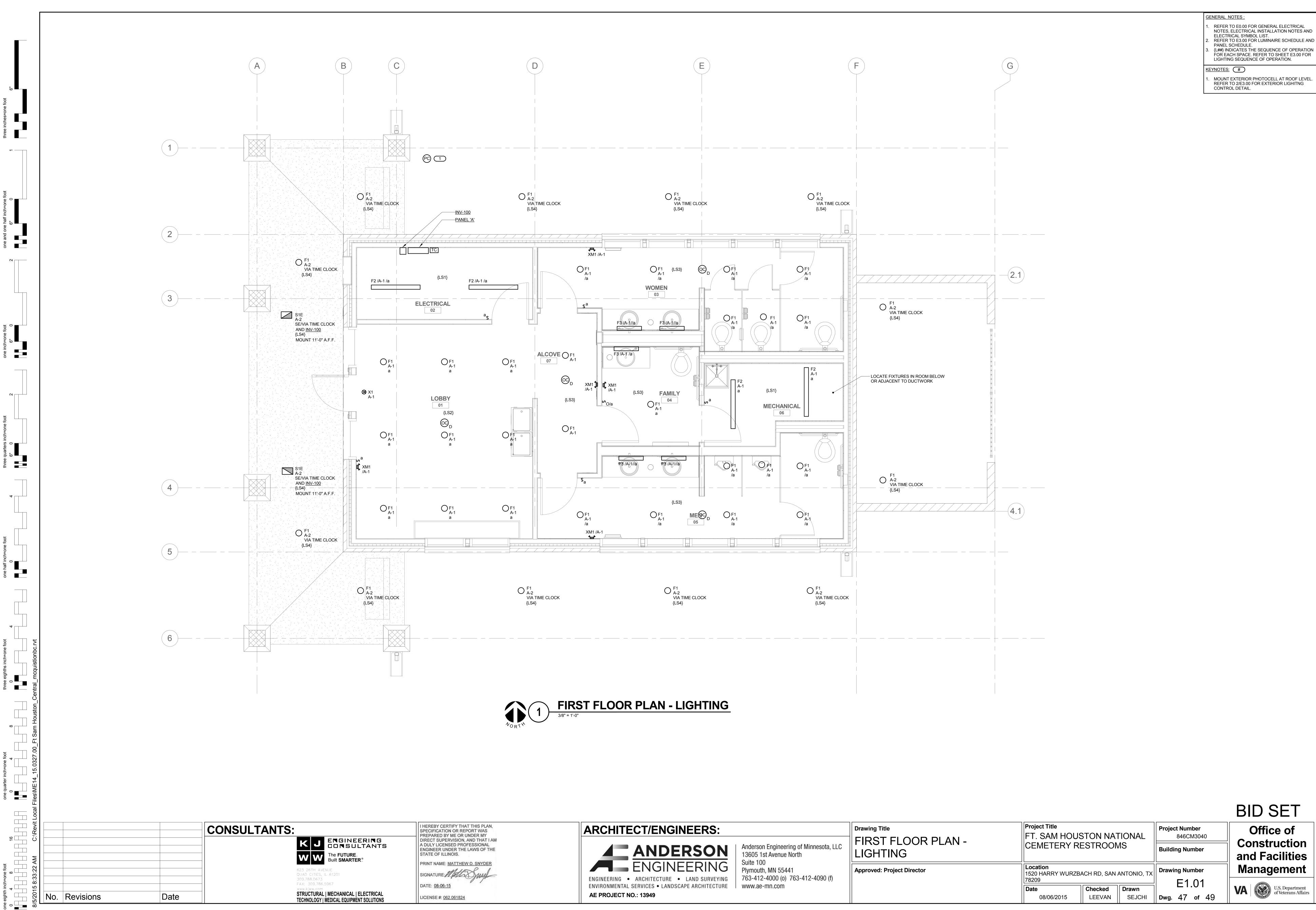
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GENERAL NOTES :



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NERAL NOTES :
REFER TO E0.00 FOR GENERAL ELECTRICAL NOTES, ELECTRICAL INSTALLATION NOTES AND ELECTRICAL SYMBOL LIST. REFER TO E3.00 FOR LUMINAIRE SCHEDULE AND PANEL SCHEDULE. {L##} INDICATES THE SEQUENCE OF OPERATION FOR EACH SPACE. REFER TO SHEET E3.00 FOR LIGHTING SEQUENCE OF OPERATION.
YNOTES: (#)
MOUNT EXTERIOR PHOTOCELL AT ROOF LEVEL. REFER TO 2/E3.00 FOR EXTERIOR LIGHITNG

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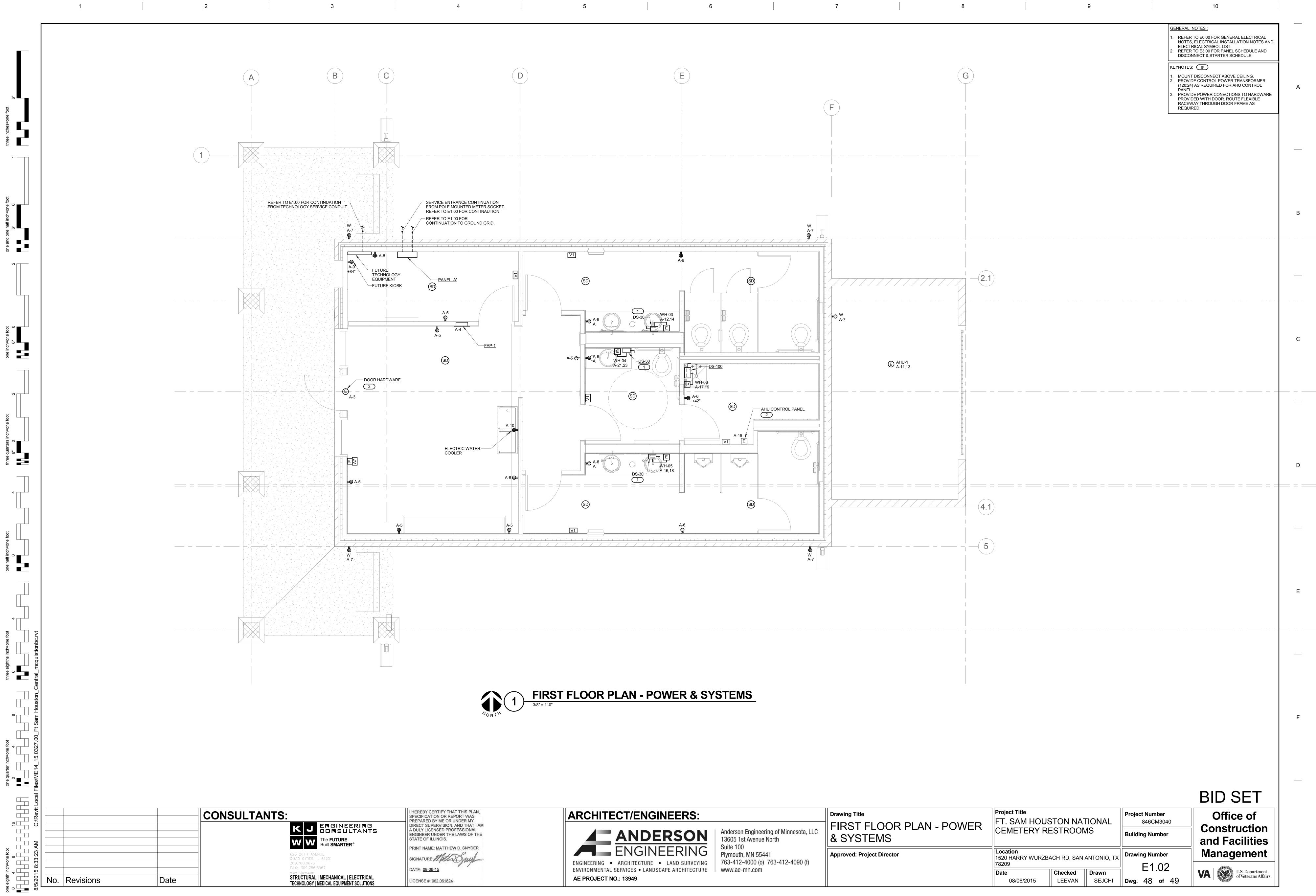
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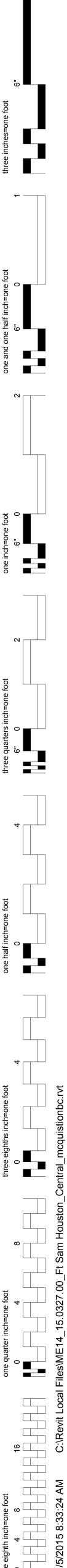
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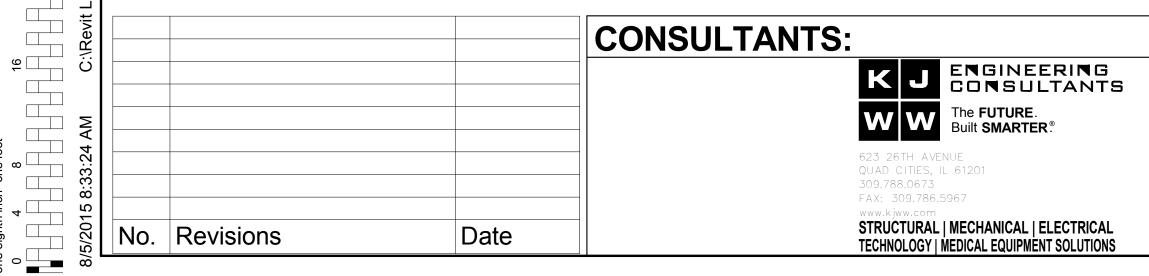
	Drawing Title FIRST FLOOR PLAN - POWER	Project Title FT. SAM HOUS	Project Number 846CM3040								
f Minnesota, LLC า	& SYSTEMS	CEMETERY RESTROOMS					Building Number				
-412-4090 (f)	Approved: Project Director	Location 1520 HARRY WURZB/ 78209	ACH RD, SAN /	ANTONIO, TX	Drawi	ng Nui E1					
		Date 08/06/2015	Checked LEEVAN	Drawn SEJCHI	Dwg.	L 1 48	of	<u>-</u> 49			



		L	UMINAIRE SC	CHEDUL	LE								PANEL NAME: A				со		
(MTG) MOUNTING:	(TYPE) LAMP TE	CHNOLOG	<u>Y:</u>			(L/L) LENS / LOUVER:					TYPE: E MOUNTING: S	BOLT-ON		[C(OLID NEUTRAL]		
RE - RECESSED	FL - FLUORESCENT A125 ACRYLIC CF - COMPACT FLUORESCENT B - BLACK BAFFLE						FED FROM: U					GROUND BUS							
SP - SUSPENDED CL - CEILING SURFACE	CF - COMPACT F	LUORESC	ENT	B - BLACK BAFFLE C - CLEAR ALZAK						SCCR: 4									
WL - WALL	IN - INCANDESCE	NT				D - PARABOI						LOCATION:	ELECTRICAL 02	2					
UC - UNDER CABINET	LED - LIGHT EMIT		DE			F - FRESNEL				Panel Note:	s: SERVICE	E ENTRANCE I	RATED						
CV - COVE	HS - HIGH PRESS					G - TEMPER													
PL - POLE	MH - METAL HALI	DE				H - WALL WA	SHER										1		
R - FLANGED RECESSED	SMH - SUPER ME	TAL HALI	DE			P - POLYCAF	RBONATE				1								
) - OTHER (SEE DESCRIPTION)	PSMH - PULSE S					K - KSH12 .12				CKT NO.	1	LOAD DESCR		A		A		POLE	S AMP
OOR:	CMH - CERAMIC					K19 - KSH19 L - LOW IRID					Lighting			20		0.9 0.37		1	20 A Lighting.
A - FLAT ALUMINUM	XL - EXTENDED L		ION			N - NONE	ESCENT S	FECULAR			Power			20			0.24 0.5	5 1	20 A Other - F
S - FLAT STEEL	XLP - EXTENDED		JTPUT			R - HIGH IMF	PACT OR A	CRYLIC			Receptacles			20		1.26 1.08	0.9 0.36	1	20 A Recepta 20 A Recepta
A - REGRESSED ALUMINUM						O - OTHER (S	SEE DESC	RIPTION)			Receptacles Recept FUT	URE KIOSK		20		0.18 1	0.9 0.30	<u> </u>	20 A Recepta
S - REGRESSED STEEL											HVAC - AHU-			70			6.33 2.4	2	25 A HVAC - 1
	(TYPE) BALLAST					(TYPE) BALL				A-13						6.33 2.4			
	DIM07 - LINE DIM					EB - ELECTR					Power			20			0.5 2.4	2	25 A HVAC - V
AF - PAINT AFTER FABRICATION SA - FINISH SELECTION BY ARCHITECT	DIM10 - 0-10V DIN HL - HIGH / LOW					EM - EMERG				A-17 A-19	HVAC - WH-0	<i>i</i> o. °G3		100	0 A 2	9.5 2.4	9.5 0		 20 A SPARE
	ML - MULTI-LEVE					MV - MULTI-V					 HVAC - WH-0)4, *B3		20		1.75 0	0.0	1	20 A SPARE
	HP - HIGH PERFC								APID START BALLAST	A-23							1.75 0	1	20 A SPARE
											SPARE			20		0 0		1	20 A SPARE
LOG NUMBER SHALL NOT BE CONSIDERED CO THE SPECIFICATION SHALL BE COORDINATED											SPARE SPARE			20		0 0	0 0	1	20 A SPARE 20 A SPARE
ED IS THE BASIS FOR DESIGN.											SPARE			20		0 0	0 0		SPACE
ER TO SPECIFICATION SECTIONS LIGHTING 26	51 00 FOR ADDITI	ONAL INFO	RMATION AND R	EQUIREM	IENTS.						SPACE					0 0			SPACE
AMPS FOR THIS PROJECT SHALL BE FURNISH										A-35	SPACE			-			0 0		SPACE
RESCENT LAMP CORRELATED COLOR TEMPE	RATURE 3500°, CO	DLOR REN	DERING INDEX (C	RI) AT OF	R ABOVE	[75 80], UNLESS	NOTED O	THERWISE							Total Load		24.88 kVA		
LAMP COLOR RENDERING INDEX (CRI) AT OR A	BOVE 85 FOR INT	ERIOR AP	PLICATIONS.							[Key*:]									ET E3.00 FOR COND
										[IVEA]		IL OLOGN TI-		LOOK ON 7		BRANCHCIRC			LT L3.00 TOR COND
	DIME	NSIONS			LAN	MPS	BAL	LAST	APPROVED										
M DESCRIPTION	DIME L W	Н	DIA. MTG	TYPE	LAN QTY		VOLTS		APPROVED L/L MANUFACTURER										
6" APERTURE LED OPEN DOWNLIGHT,				TYPE LED	-	MODEL MAX 20 WATT	VOLTS		L/L MANUFACTURER C PATHWAY										
		Н			-	MODEL MAX 20 WATT MIN 1500 LUMENS	VOLTS	TYPE	L/L MANUFACTURER C PATHWAY 6VLED150035K/6VLEDMD SCLPF										
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT		Н			-	MODEL MAX 20 WATT MIN 1500	VOLTS	TYPE	L/L MANUFACTURER C PATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM										
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT		Н			-	MODEL MAX 20 WATT MIN 1500 LUMENS	VOLTS	TYPE	L/L MANUFACTURER C PATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS										
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR.	L W	H 8 13/64	' 6" RE	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K	VOLTS 120 V	TYPE	L/L MANUFACTURER C PATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLM										
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH,	L W	Н		LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000	VOLTS 120 V	TYPE	L/L MANUFACTURER C PATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLM O LITHONIA ZL1N L48 H.L. WILLIAMS 75L										
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH, SNAP-ON FROSTED DIFFUSE LENS, DAMP	L W	H 8 13/64	' 6" RE	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000 LUMEN	VOLTS 120 V	TYPE	L/LMANUFACTURERCPATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLMOLITHONIA ZL1N L48 H.L. WILLIAMS 75L COLUMBIA LPT						DISCONNE	CT AND ST	ARTER SCH	IEDULE	
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH, SNAP-ON FROSTED DIFFUSE LENS, DAMP LOCATION, CHAIN HUNG IN SPACE TO AVOID OBSTRUCTIONS.	L W	H 8 13/64	' 6" RE	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000	VOLTS 120 ∨ 120 ∨	TYPE	L/LMANUFACTURERCPATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLMOLITHONIA ZL1N L48 H.L. WILLIAMS 75L COLUMBIA LPT METALUX SNLED										
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6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH, SNAP-ON FROSTED DIFFUSE LENS, DAMP LOCATION, CHAIN HUNG IN SPACE TO AVOID OBSTRUCTIONS.	L W 4'-0" 1'-0"	H 8 13/64 4 1/4"	' 6" RE	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000 LUMEN 3500K MAX 12.6 WATT MIN 1300	VOLTS 120 ∨ 120 ∨	TYPE	L/LMANUFACTURERCPATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLMOLITHONIA ZL1N L48 H.L. WILLIAMS 75L COLUMBIA LPT METALUX SNLEDOSHAPER 60024WL1/835120 OXYGEN LIGHTING				NOTE: #	ALL DISCON					
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH, SNAP-ON FROSTED DIFFUSE LENS, DAMP LOCATION, CHAIN HUNG IN SPACE TO AVOID OBSTRUCTIONS. WALL SCONCE VANITY, MATTE WHITE ACRYLIC DIFFUSER, COLD-ROLLED STEEL	L W 4'-0" 1'-0"	H 8 13/64 4 1/4"	' 6" RE	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000 LUMEN 3500K MAX 12.6 WATT MIN 1300 LUMENS	VOLTS 120 ∨ 120 ∨	TYPE	L/LMANUFACTURERCPATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLMOLITHONIA ZL1N L48 H.L. WILLIAMS 75L COLUMBIA LPT METALUX SNLEDOSHAPER 60024WL1/835120	DISCONNEC FU - FUSED			NOTE: #	ALL DISCON	NNECTS (EXC REMARKS:	EPT MANUAL		ALL BE HI	EAVY DUTY TYPE.
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH, SNAP-ON FROSTED DIFFUSE LENS, DAMP LOCATION, CHAIN HUNG IN SPACE TO AVOID OBSTRUCTIONS. WALL SCONCE VANITY, MATTE WHITE ACRYLIC DIFFUSER, COLD-ROLLED STEEL, NATURAL ALUMINUM FINISH.	L W 4'-0" 1'-0" 2'-0" 4"	H 8 13/64 4 1/4" 4"	' 6" RE CL/SP	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000 LUMEN 3500K MAX 12.6 WATT MIN 1300 LUMENS 3500K	VOLTS 120 ∨ 120 ∨ 120 ∨	TYPE	L/LMANUFACTURERCPATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLMOLITHONIA ZL1N L48 H.L. WILLIAMS 75L COLUMBIA LPT METALUX SNLEDOSHAPER 60024WL1/835120 OXYGEN LIGHTING 3-5104-24)		NOTE: /	ALL DISCON	NNECTS (EXC REMARKS: SA - STAND	ARD ACCESSO	STARTERS) SH	ALL BE HI	PF - PHAS
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH, SNAP-ON FROSTED DIFFUSE LENS, DAMP LOCATION, CHAIN HUNG IN SPACE TO AVOID OBSTRUCTIONS. WALL SCONCE VANITY, MATTE WHITE ACRYLIC DIFFUSER, COLD-ROLLED STEEL NATURAL ALUMINUM FINISH. LED COMPACT FLOODLIGHT, UP LIGHT, SPECULAR ALZAK LENS, DIE-CAST	L W 4'-0" 1'-0"	H 8 13/64 4 1/4" 4"	' 6" RE CL/SP	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000 LUMEN 3500K MAX 12.6 WATT MIN 1300 LUMENS	VOLTS 120 ∨ 120 ∨ 120 ∨	TYPE	L/LMANUFACTURERCPATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLMOLITHONIA ZL1N L48 H.L. WILLIAMS 75L COLUMBIA LPT METALUX SNLEDOSHAPER 60024WL1/835120 OXYGEN LIGHTING 3-5104-24OKIM CFL-LED-27L4KUV-DB GARDCO DF*7 SERIES	FU - FUSED NF - NON-FU)		NOTE: 4	ALL DISCON	NECTS (EXC REMARKS: SA - STAND *CT - CONTF *EO - ELECT	ARD ACCESSO ROL TRANSFOF RONIC OVERLO	STARTERS) SH RIES (INCLUDE RMER, FUSED 1 OAD	ALL BE HI	PF - PHAS TO - MELT TS - 2 SPE
6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH, SNAP-ON FROSTED DIFFUSE LENS, DAMP LOCATION, CHAIN HUNG IN SPACE TO AVOID OBSTRUCTIONS. WALL SCONCE VANITY, MATTE WHITE ACRYLIC DIFFUSER, COLD-ROLLED STEEL NATURAL ALUMINUM FINISH. E LED COMPACT FLOODLIGHT, UP LIGHT, SPECULAR ALZAK LENS, DIE-CAST ALUMINUM HOUSING, POWDER COAT FINISH, GASKETED, DARK BRONZE,	L W 4'-0" 1'-0" 2'-0" 4"	H 8 13/64 4 1/4" 4"	' 6" RE CL/SP	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000 LUMEN 3500K MAX 12.6 WATT MIN 1300 LUMENS 3500K MAX 32 WATT	VOLTS 120 ∨ 120 ∨ 120 ∨	TYPE	L/LMANUFACTURERCPATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLMOLITHONIA ZL1N L48 H.L. WILLIAMS 75L COLUMBIA LPT METALUX SNLEDOSHAPER 60024WL1/835120 OXYGEN LIGHTING 3-5104-24OKIM CFL-LED-27L4KUV-DB	FU - FUSED NF - NON-FU CB - CIRCU) :USED JIT BREAKER			ALL DISCON	NECTS (EXC REMARKS: SA - STAND, *CT - CONTR *EO - ELECT *HA - HAND-	ARD ACCESSO ROL TRANSFOR RONIC OVERLO OFF-AUTO IN D	STARTERS) SH RIES (INCLUDE RMER, FUSED 1 OAD DOOR	ALL BE HI	EAVY DUTY TYPE. PF - PHAS TO - MELT TS - 2 SPE GP - GREE
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6" APERTURE LED OPEN DOWNLIGHT, GALVANIZED STEEL HOUSING, SOFT SPECULAR CLEAR ALZAK REFLECTOR. 4' INDUSTRIAL LED STRIP LIGHT, STEEL HOUSING, BAKED ENAMEL FINISH, SNAP-ON FROSTED DIFFUSE LENS, DAMP LOCATION, CHAIN HUNG IN SPACE TO AVOID OBSTRUCTIONS. WALL SCONCE VANITY, MATTE WHITE ACRYLIC DIFFUSER, COLD-ROLLED STEEL NATURAL ALUMINUM FINISH. LED COMPACT FLOODLIGHT, UP LIGHT, SPECULAR ALZAK LENS, DIE-CAST ALUMINUM HOUSING, POWDER COAT FINISH, GASKETED, DARK BRONZE, LISTED WET LOCATION, ROUTED THROUGH INV-100 FOR EMERGENCY OPERATION. MOUNT AT +11'-0" A.F.F.	L W 4'-0" 1'-0" 2'-0" 4"	H 8 13/64 4 1/4" 4"	' 6" RE CL/SP	LED	-	MODEL MAX 20 WATT MIN 1500 LUMENS 3500K MAX 42 WATT MIN 5000 LUMEN 3500K MAX 12.6 WATT MIN 1300 LUMENS 3500K MAX 32 WATT	VOLTS 120 ∨ 120 ∨ 120 ∨	TYPE	L/LMANUFACTURERCPATHWAY 6VLED150035K/6VLEDMD SCLPF GOTHAM ALED35/14-6ARLD INDY L615-35/L600PCS CALCULITE C6L1520DLMOLITHONIA ZL1N L48 H.L. WILLIAMS 75L COLUMBIA LPT METALUX SNLEDOSHAPER 60024WL1/835120 OXYGEN LIGHTING 3-5104-24OKIM CFL-LED-27L4KUV-DB GARDCO DF*7 SERIES	FU - FUSED NF - NON-FU CB - CIRCU STARTER T FV - FULL V	D USED JIT BREAKER TYPE: /OLTAGE		NOTE: /	ALL DISCON	REMARKS: SA - STAND *CT - CONTF *EO - ELECT *HA - HAND *RP - RED P *TA - TWO C	ARD ACCESSO ROL TRANSFOF RONIC OVERLO OFF-AUTO IN D LOT LIGHT IN D ONVERTIBLE A	STARTERS) SH RIES (INCLUDE RMER, FUSED 1 OAD DOOR DOOR DOOR	ALL BE HI S * ITEMS) 20V	EAVY DUTY TYPE. PF - PHAS TO - MELT TS - 2 SPE GP - GREE FA - 4-COI EI - ELECT
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			UMINAIRE 50								EL NA		4			CONN
(MTG) MOUNTING:		AMP TECHNOLO	<u>GY:</u>		<u>(L/L) LENS / I</u>				TYPE: BOLT-ON MOUNTING: SURFACE			50110	NEUTRAL			N
RE - RECESSED		ORESCENT			A125 ACR				FED FROM: UTILITY	-			UND BUS			P
		MPACT FLUORES	CENT		B - BLACK BA			SCCR: 42,000								
CL - CEILING SURFACE WL - WALL	HL - HAL					C - CLEAR ALZAK LOCATION: ELECTRICAL 02								DE		
		GHT EMITTING DI				F - FRESNEL Panel Notes: SERVICE ENTRANCE RATED										
CV - COVE		H PRESSURE SO				G - TEMPERED GLASS										
PL - POLE		TAL HALIDE			H - WALL WA											
FR - FLANGED RECESSED	SMH - SU	JPER METAL HAL	DE		P - POLYCAR	RBONATE										
O - OTHER (SEE DESCRIPTION)	PSMH - F	PULSE START ME	TAL HALIDE		K - KSH12 .12	25" ACRYLIC					4	\	В			_
	CMH - C	ERAMIC METAL H	ALIDE		K19 - KSH19	K19 - KSH19 .156" ACRYLIC		CKT NO.		AMP POLE		0.07		POLES		Linkfing tO
DOOR:	O - OTH	ER (SEE DESCRIF	TION		L - LOW IRID	ESCENT SPECULAR ALUM.		A-1 A-3	Lighting Power	20 A 1 20 A 1	0.9		.24 0.5	1		Lighting. *C Other - FAP-1.
FA - FLAT ALUMINUM	XL - EXT	ENDED LIFE			N - NONE			A-3 A-5	Receptacles	20 A 1 20 A 1	1.26		.24 0.5	1		Receptacles
FS - FLAT STEEL	XLP - EX	TENDED LIFE & C	UTPUT			R - HIGH IMPACT OR ACRYLIC			Receptacles	20 A 1	1.20		0.9 0.36	1		Receptacles
RA - REGRESSED ALUMINUM					O - OTHER (S	SEE DESCRIPTION)		A-9	Recept FUTURE KIOSK	20 A 1	0.18	1		1		Recept ELEC
RS - REGRESSED STEEL		BALLAST:				(TYPE) BALLAST:		A-11 A-13	HVAC - AHU-1. *E3 	70 A 2	0.00		.33 2.4	2	25 A 	HVAC - WH-03
FINISH:	-	LINE DIMMING BA	-			ONIC BALLAST		A-15		20 A 1			0.5 2.4	2	25 A	HVAC - WH-05
PAF - PAINT AFTER FABRICATION	-	D-10V DIMMING B	-			ENCY BATTERY / BALLAST			HVAC - WH-06. *G3	100 A 2	9.5					
CSA - FINISH SELECTION BY ARCHITECT		H / LOW LEVEL B				AL DIMMING BALLAST	N (077) (A-19					9.5 0	1		SPARE
		TI-LEVEL SWITC				/OLTAGE ELECTRONIC 120 RONIC PROGRAM RAPID S			HVAC - WH-04, *B3	20 A 2			75 0	1		SPARE SPARE
					PRS-ELECT	RUNIC PROGRAM RAPID 3	TART BALLAST	A-23 A-25	 SPARE		0	0	.75 0	1		SPARE
CATALOG NUMBER SHALL NOT BE CONSIDERED C							HE COMPLETE DESCRIPTION		SPARE	20 A 1	0		0 0	1		SPARE
AND THE SPECIFICATION SHALL BE COORDINATED									SPARE	20 A 1	0	0		1		SPARE
LISTED IS THE BASIS FOR DESIGN.									SPACE				0 0			SPACE
REFER TO SPECIFICATION SECTIONS LIGHTING 26	51 00 FOF	R ADDITIONAL INF	ORMATION AND RE	QUIREME	ENTS.			A-33	SPACE		0	0				SPACE
ALL LAMPS FOR THIS PROJECT SHALL BE FURNISH		NSTALLED BY TH		TRACTOR	UNLESS OTHERWISE N			A-35	SPACE				0 0			SPACE
FLUORESCENT LAMP CORRELATED COLOR TEMPE	ERATURE	3500°, COLOR RE	NDERING INDEX (CI	RI) AT OR	ABOVE [75 80], UNLESS	NOTED OTHERWISE.					ad: 27.17		24.88 kVA			
LED LAMP COLOR RENDERING INDEX (CRI) AT OR	ABOVE 85	FOR INTERIOR A	PPLICATIONS.							Total Am			207.29			
		DIMENCIONO				DALLACT		[Key*:]	*C=THRU TIME CLOCK *H=RED HAI	NDLE LOCK ON *##=REFER	TO BRANC	H CIRCUIT	WIRING KEY	ON SHEET	E3.00 F	OR CONDUIT &
ITEM DESCRIPTION	1	DIMENSIONS W H	DIA. MTG	TYPE	LAMPS QTY MODEL	BALLAST VOLTS TYPE L/L	APPROVED MANUFACTURER									
F1 6" APERTURE LED OPEN DOWNLIGHT,	-	8 13/6		LED	1 MAX 20 WATT	120 V EB C	PATHWAY									
GALVANIZED STEEL HOUSING, SOFT					MIN 1500		6VLED150035K/6VLEDMD									
SPECULAR CLEAR ALZAK REFLECTOR.					LUMENS 3500K		SCLPF GOTHAM									
					000011		ALED35/14-6ARLD									
							INDY L615-35/L600PCS CALCULITE C6L1520DLM									
F2 4' INDUSTRIAL LED STRIP LIGHT, STEEL	4'-0"	1'-0" 4 1/4	CL/SP	LED	1 MAX 42 WATT	120 V O	LITHONIA ZL1N L48									
HOUSING, BAKED ENAMEL FINISH,				220	MIN 5000		H.L. WILLIAMS 75L									
SNAP-ON FROSTED DIFFUSE LENS, DAMP LOCATION, CHAIN HUNG IN SPACE TO					LUMEN 3500K		COLUMBIA LPT METALUX SNLED			DISCONN	IECT AN	D STAR	TER SCHI	EDULE		
AVOID OBSTRUCTIONS.					55001		METALOX SNEED									
F3 WALL SCONCE VANITY, MATTE WHITE	2'-0"	4" 4"	WL	LED	1 MAX 12.6	120 V O	SHAPER		NC	DTE: ALL DISCONNECTS (EX	XCEPT MA	NUALSIA	RIERS) SHA	LL BE HEA		TYPE.
ACRYLIC DIFFUSER, COLD-ROLLED STEEL NATURAL ALUMINUM FINISH.	-,				WATT MIN 1300		60024WL1/835120 OXYGEN LIGHTING	DISCONNE		REMARKS	<u>.</u>					
					LUMENS		3-5104-24	FU - FUSE					(INCLUDES	* ITEMS)		PF - PHASE FAIL
					3500K			NF - NON-I					R, FUSED 120	,		TO - MELTING TH
S1E LED COMPACT FLOODLIGHT, UP LIGHT, SPECULAR ALZAK LENS, DIE-CAST	10 1/2"	5 1/8" 10 1/2	" WL	LED	1 MAX 32 WATT 4000K	120 V O	KIM CFL-LED-27L4KUV-DB		UIT BREAKER				,	<i></i>		TS - 2 SPEED SE
ALUMINUM HOUSING, POWDER COAT					4000K											GP - GREEN (OF
							GARDCO DF*7 SERIES INVUE VFS SERIES	CB - CIRCI		*HA - HAN	D-OFF-AUT	וחסס וא הס	•			A - 4-CONVERT
FINISH, GASKETED, DARK BRONZE,													R			
LISTED WET LOCATION, ROUTED								STARTER	TYPE:	*RP - RED	PILOT LIG	HT IN DOO		ACTS		
LISTED WET LOCATION, ROUTED THROUGH INV-100 FOR EMERGENCY OPERATION. MOUNT AT +11'-0" A.F.F.								STARTER FV - FULL	TYPE: VOLTAGE	*RP - RED *TA - TWO	PILOT LIG	HT IN DOO IBLE AUXI	LIARY CONT	ACTS	E	EI - ELECTRICAL
LISTED WET LOCATION, ROUTED THROUGH INV-100 FOR EMERGENCY OPERATION. MOUNT AT +11'-0" A.F.F. LIGHT TO BE INVERTED TO ILLUMINATE								STARTERFV - FULLYD - WYE	TYPE: VOLTAGE - DELTA	*RP - RED	PILOT LIG	HT IN DOO IBLE AUXI	LIARY CONT	ACTS	l S	EI - ELECTRICAL SS - START-STO
LISTED WET LOCATION, ROUTED THROUGH INV-100 FOR EMERGENCY OPERATION. MOUNT AT +11'-0" A.F.F. LIGHT TO BE INVERTED TO ILLUMINATE VAULTED CEILING.	1'-1"	2" 9"		LED	1 3.5 WATT	120.V EM O	INVUE VFS SERIES	FV - FULL YD - WYE RE - REVE	TYPE: VOLTAGE - DELTA RSING	*RP - RED *TA - TWO	PILOT LIG	HT IN DOO IBLE AUXI	LIARY CONT	ACTS	l S	EI - ELECTRICAL
LISTED WET LOCATION, ROUTED THROUGH INV-100 FOR EMERGENCY OPERATION. MOUNT AT +11'-0" A.F.F. LIGHT TO BE INVERTED TO ILLUMINATE VAULTED CEILING. X1 EDGE-LIT SINGLE FACED EXIT SIGN, CLEAR ACRYLIC MIRROR LENS AND	1'-1"	2" 9"	CL	LED	1 3.5 WATT LED	120 V EM O	INVUE VFS SERIES	STARTERFV - FULLYD - WYERE - REVETW - 2 SPE	TYPE: VOLTAGE - DELTA	*RP - RED *TA - TWO	PILOT LIG	HT IN DOO IBLE AUXI	LIARY CONT	ACTS	l S	EI - ELECTRICAL SS - START-STO
LISTED WET LOCATION, ROUTED THROUGH INV-100 FOR EMERGENCY OPERATION. MOUNT AT +11'-0" A.F.F. LIGHT TO BE INVERTED TO ILLUMINATE VAULTED CEILING. X1 EDGE-LIT SINGLE FACED EXIT SIGN, CLEAR ACRYLIC MIRROR LENS AND EXTRUDED ALUMINUM HOUSING.	1'-1"	2" 9"	CL	LED		120 V EM O	INVUE VFS SERIES LITHONIA LRP 1 RMR DUAL-LITE LE S A McPHILBEN 45VL 1	STARTERFV - FULLYD - WYERE - REVETW - 2 SPESW - 2 SPE	TYPE: VOLTAGE - DELTA RSING EED, 2 WINDING	*RP - RED *TA - TWO	PILOT LIG	HT IN DOO IBLE AUXI	LIARY CONT	ACTS	l S	EI - ELECTRICAL SS - START-STO
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LIGHTING SEQUENCE OF OPERATION								
PLAN ID	LIGHTING SWITCHED							
{LS1}	Sequence: Switched lights are controlled in this space. ON: The lights turn on using switches. OFF: The lights turn off using switches.							
{LS2}	Sequence: Switched lights are controlled in this space. XM1 to be tied to unswitched leg within room. ON: The lights turn on using switch or at last switched state upon occupancy. OFF: After the space has been vacant for 30 mintues, the lights will automatically turn off.							
{LS3}	Sequence: Switched lights are controlled in this space. XM1 to be tied to unswitched leg within room. ON: The lights turn on by occupancy sensor. OFF: The lights turn off automatically after the space has been vacant for 15 mintues.							
{LS4}	Sequence: Switched lighs are controlled in this space. INV-100 to be tied to unswitched leg of circuit. ON: The lighs turn on via an outdoor photocell when insufficient daylight is available. OFF: The lighs will automatically turn off by time clock.							



WIRE	TH	HW/THWN COPP CONDUCTORS	ER	EQUIPMENT GROUNDING	
ID	2 WIRE	3 WIRE	4 WIRE	CONDUCTOR	CONDUIT
A#	2#12	3#12	4#12	1#12	3/4"
B#	2#10	3#10	4#10	1#10	3/4"
C#	2#8	3#8	4#8	1#10	3/4"
D#	2#6	3#6	4#6	1#10	1"
E#	2#4	3#4	4#4	1#8	1 1/4"
F#	2#2	3#2	4#2	1#8	1 1/4"
G#	2#1	3#1	4#1	1#6	1 1/2"
H#	2#1/0	3#1/0	4#1/0	1#6	2"

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS. PRINT NAME: MATTHEW D. SNYDER DATE: 08-06-15

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LICENSE #: 062.061824

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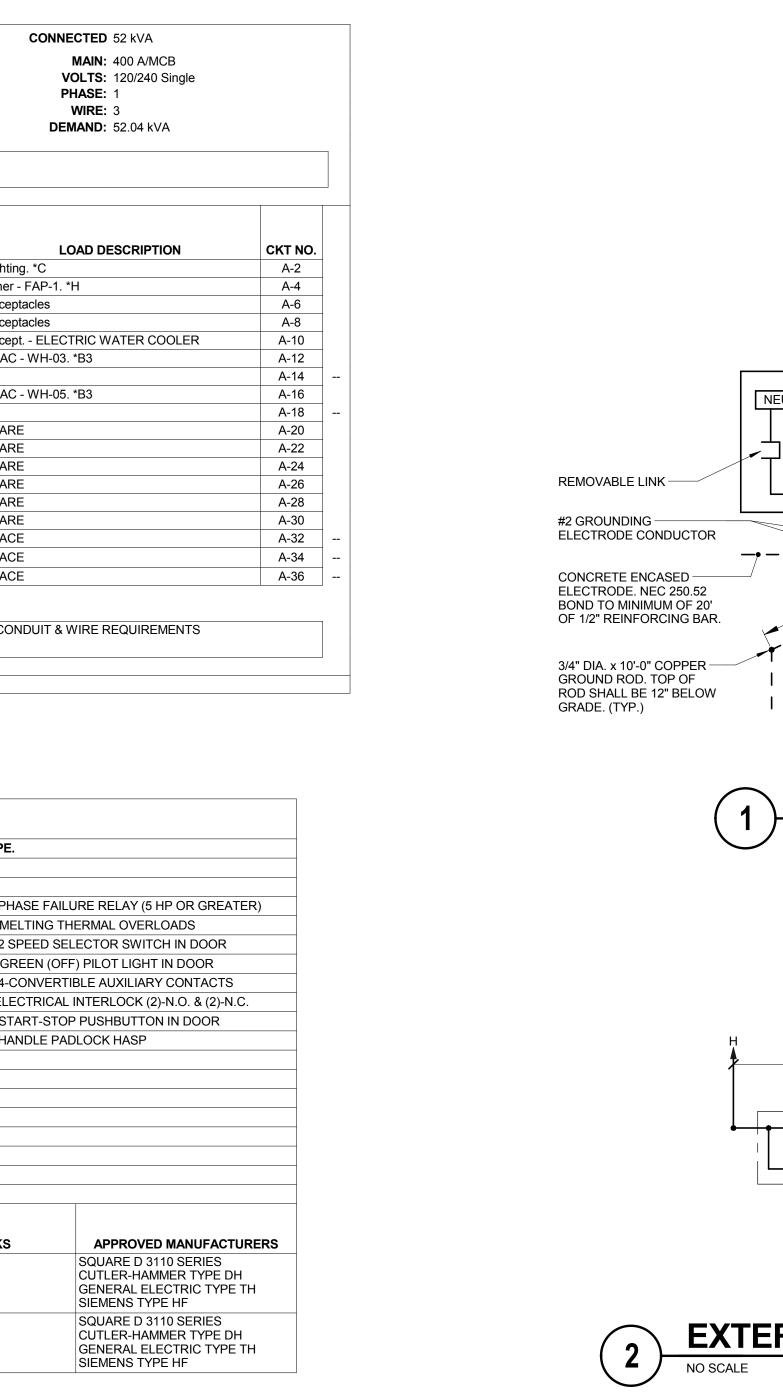
ARCHITECT/ENGINEERS:

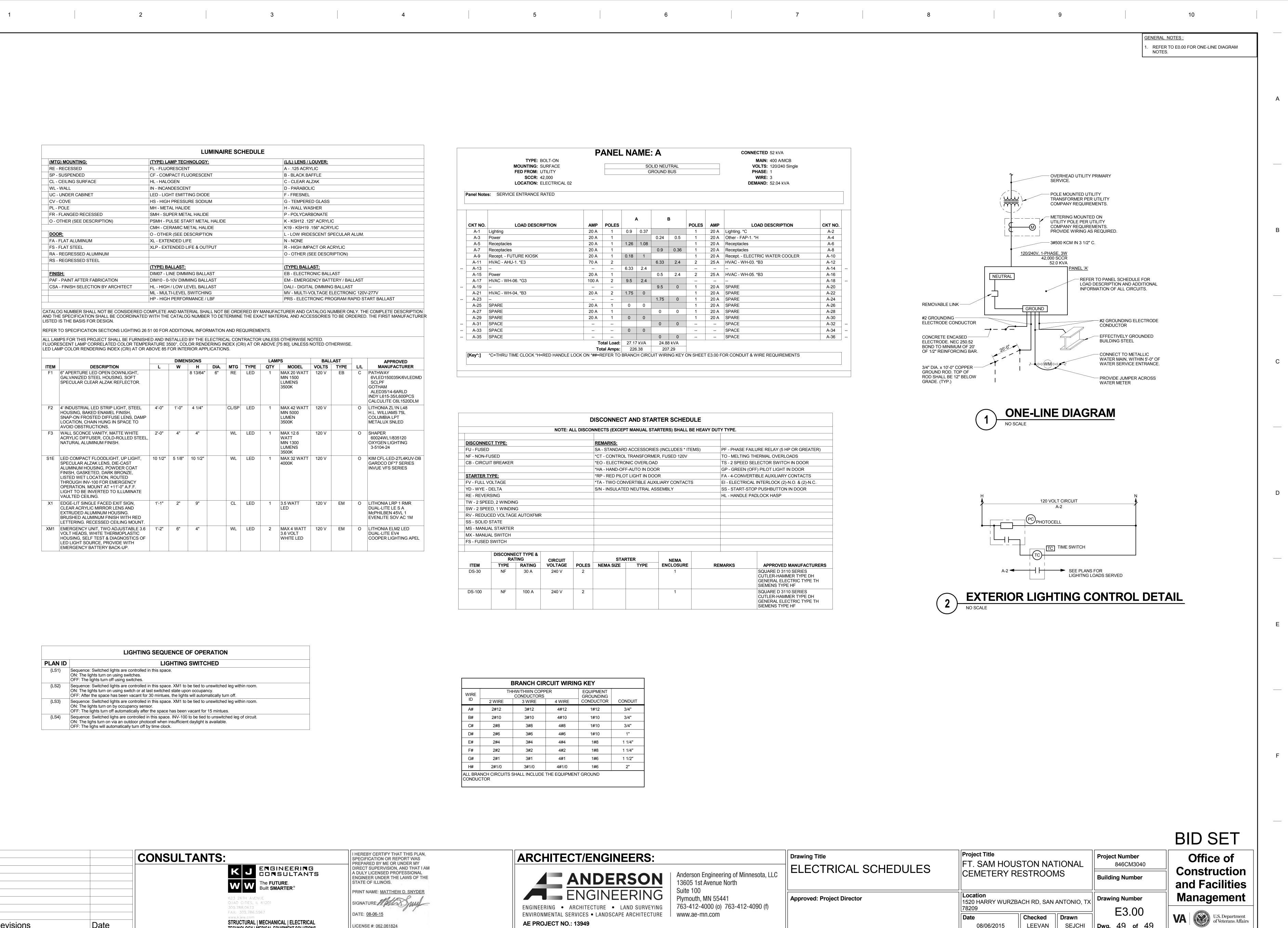


Suite 100 Plymouth, MN 55441 763-412-4000 (0) 763-41

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	Drawing Title ELECTRICAL SCHEDULES	Project Title FT. SAM HOU	Project Number 846CM3040					
f Minnesota, LLC		CEMETERY F	RESTROO	MS	Buildi	mber		
412-4090 (f)	Approved: Project Director	Location 1520 HARRY WURZ 78209	BACH RD, SAN	ANTONIO, TX		ng Nur E3.		
		Date 08/06/2015	Checked LEEVAN	Drawn SEJCHI	Dwg.	⊑3. 49	.00 of 4	a

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