GENERAL NOTES

A. CONTRACTOR'S RESPONSIBILITY:

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBMITTALS SPECIFIED, INCLUDING SHOP DRAWINGS, EQUIPMENT DATA SHEETS WITH MATERIALS WEIGHT, AND SIZE. CONTRACTOR SHALL VERIFY THE FIELD CONDITIONS AND MAKE ADJUSTMENT TO THE SHOP DRAWINGS AS REQUIRED. ANY CORRECTIVE MEASURE ARISING FROM A LACK OF COORDINATION WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES.

B. CODE COMPLIANCE:

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES ISSUED BY THE AUTHORITIES HAVING JURISDICTION. THE COMPLETE MECHANICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADOPTED EDITION OF IMC, IPC, IFC, IBC, OSHA, NFPA, V.A. DESIGN MANUAL REQUIREMENTS. ALL "VAPA" REQUIREMENTS AND THE LATEST RULES AND REGULATIONS OF THE SAFETY ORDERS ISSUED BY THE DIVISION OF INDUSTRIAL SAFETY, STATE OF CALIFORNIA. THE CONTRACTOR SHALL COMPLY DIVISION OF INDUSTRIAL SAFETY, STATE OF CALIFORNIA.

. GENERAL AND SPECIAL REQUIREMENT:

CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF GENERAL REQUIREMENTS (010000) AND LATERAL FORCE ANCHORAGE PROVISIONS (130541). A LICENSED STRUCTURAL ENGINEER (S.E.) IN THE STATE OF CALIFORNIA SHALL PROVIDE DETAIL EQUIPMENT SUPPORT DRAWINGS AND CALCULATIONS AS REQUIRED BY SUBMITTAL SPECIFICATIONS.

. "AS-BUILT" DRAWINGS:

THE CONTRACTOR SHALL MAINTAIN AT THE JOB SITE AN UP-TO-DATE "AS-BUILT" DRAWING SET. THE "AS-BUILT" DRAWING SET SHALL REFLECT ALL APPROVED CHANGES TO THE DESIGN DRAWINGS AND FIELD CONDITION. THE "AS-BUILT" DRAWING SET SHALL BE KEPT CLEAN AND IN GOOD CONDITION AND SHALL BE TURNED OVER TO THE COR TWO (2) WEEKS AFTER COMPLETION OF THE PROJECT.

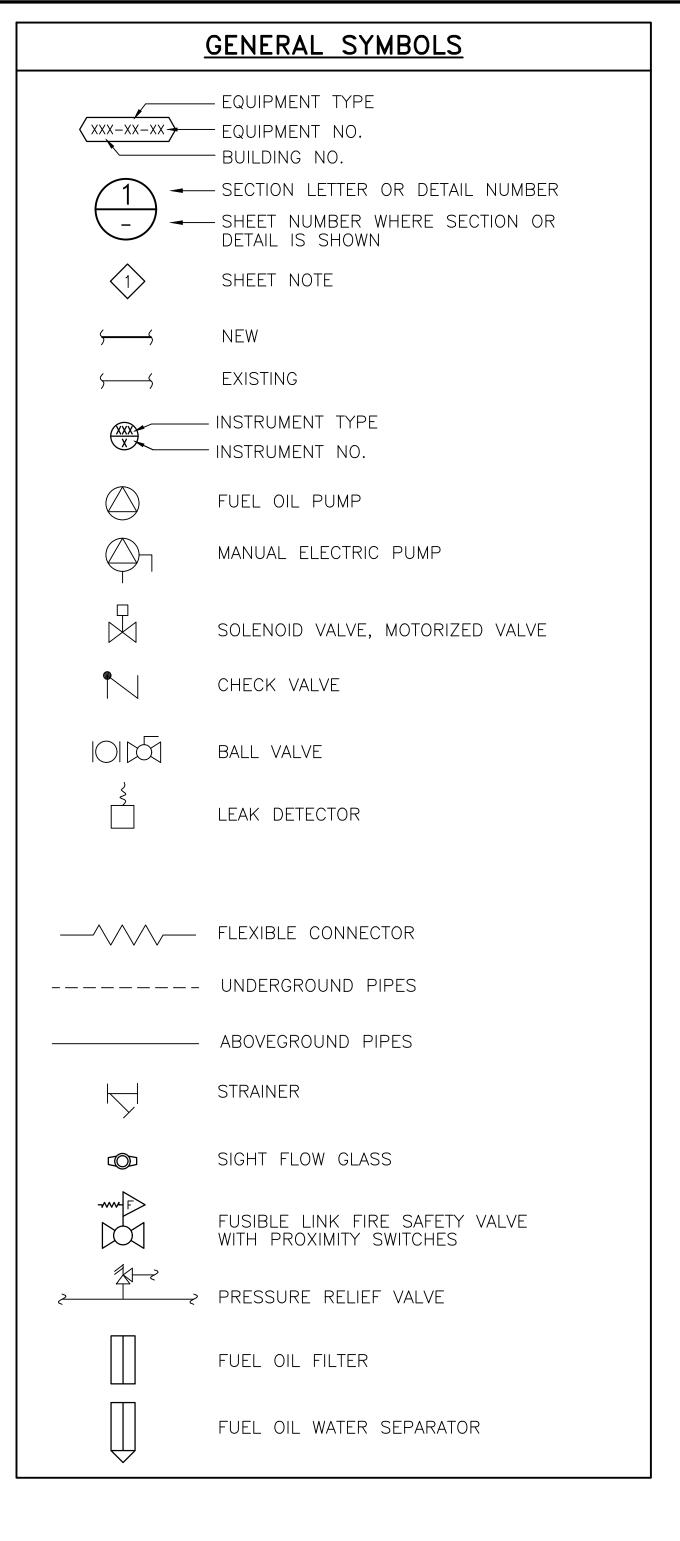
FUNCTIONAL TEST AND ACCEPTANCE:

UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL SCHEDULE AND PERFORM A COMPLETE FUNCTIONAL TEST TO DEMONSTRATE TO THE COR THAT THE MECHANICAL SYSTEMS ARE OPERATING AS INTENDED. ANY DEFECTS OR DISCREPANCIES IN THE MATERIAL OR WORK SHALL BE CORRECTED IMMEDIATELY TO THE SATISFACTION OF THE COR AT NO ADDITIONAL COST. NOISY OPERATION AND/OR VIBRATION TRANSMISSION TO THE BUILDING STRUCTURE WILL NOT BE ACCEPTED.

GENERAL REQUIREMENTS:

- 1) THE WORK INDICATED ON THE PLANS SHALL BE CLOSELY COORDINATED WITH THE PROJECT SPECIFICATIONS AND VA CONSTRUCTION STANDARDS
- 2) CONTRACTOR SHALL COORDINATE ALL THE WORK AND INTERACTION WITH OTHER TRADES, INCLUDING MECHANICAL, ELECTRICAL, PIPING, AND STRUCTURAL.
- 3) INSTALLATION OF DIESEL GENERATOR SETS AND ANCILLARY EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES BY THE AUTHORITIES HAVING JURISDICTION, AS WELL AS THE VA GUIDELINES FOR ENERGY CENTERS.
- 4) MECHANICAL CONTRACTOR SHALL COORDINATE PENETRATIONS IN ROOF, WALLS AND FLOOR WITH THE FIELD CONDITIONS FOR LOCATIONS AND DETAILS. EXAMINE BUILDING DRAWINGS PRIOR TO MAKING ANY BUILDING PENETRATIONS. SEE DRAWINGS. CONTRACTOR ARE NOT ALLOWED TO CUT ANY
- STRUCTURAL STEEL OR WOOD MEMBER WITHOUT WRITTEN PERMISSION FROM THE PROJECT MANAGER. DUCT ROOF OPENINGS AND SUPPORT ARE PERMITTED IN THIS PROJECT.
- 5) ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION. IN ANY INSTANCE OF DISCREPANCY BETWEEN DESIGN DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS, MANUFACTURER'S RECOMMENDATIONS ARE TO GOVERN DESIGN/INSTALLATION.
- 6) ALL DUCTWORK SHALL BE CONSTRUCTED, ERECTED, AND TESTED IN ACCORDANCE WITH THE MOST RESTRICTIVE OF LOCAL REGULATIONS, PROCEDURES IN THE ASHRAE HANDBOOK OF FUNDAMENTALS. OR THE APPLICABLE STANDARDS ADOPTED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION.
- 7) ALL PIPING SHALL BE PROVIDED WITH LABELS. LABEL SHALL INDICATE NAME OF SERVICE LIQUID OR GAS. IT SHALL INDICATE DIRECTION OF FLOW. LABEL'S COLOR AND SIZE SHALL BE PER PROJECT SPECIFICATIONS.

- 8) PROTECT THE PUBLIC FROM INJURY DURING THE ENTIRE PROGRESS OF WORK BY POSTING SIGNS, GUARD LIGHTS AND BARRICADES.
- 9) ALL EQUIPMENT, DUCTS, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE OF THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE INSULATED AND COMPLETELY WEATHERPROOFED.
- 10) INSTALL SEISMIC BRACING FOR DUCTS AND EQUIPMENT IN ACCORDANCE WITH CALIFORNIA ADMINISTRATIVE CODE, TITLE 24 AND LATERAL FORCE ANCHORAGE PROVISIONS.
- 11) DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND EQUIPMENT. FIELD MEASUREMENTS TAKE PRECEDENCE OVER DIMENSIONED DRAWING COORDINATE IN FIELD AS REQUIRED TO LAYOUT NEW SYSTEMS AND EQUIPMENT SO AS NOT TO DISTURB EXISTING SYSTEMS AND EQUIPMENT TO REMAIN.
- 12) AIR BALANCE EQUIPMENT TO CAPACITY INDICATED IN EQUIPMENT SCHEDULE.
- 13) DEBRIS SHALL BE REMOVED FROM THE PREMISES ON A DAILY BASIS. DO NOT ALLOW DEBRIS TO ACCUMULATE. PROTECT ADJACENT BUILDING AREAS FROM DUST AND DEBRIS.
- 14) THE DUCT SYSTEMS SHALL BE CONSTRUCTED PER CMC 602.5 TABLES NOS. 6-1, 6-2 AND 6-3 PER CMC STANDARD 6-1 OR 6-2. FLEXIBLE FACTORY-MADE AIR DUCTS SHALL BE CLASS 0 OR CLASS 1 MEET ALL REQUIREMENTS OF CMC 604.2.
- 15) MATERIAL EXPOSED WITHIN DUCTS OR PLENUM SHALL HAVE A FLAME-SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE DEVELOPED RATING OF NOT MORE THAN 50 FOR MATERIAL EXPOSED WITHIN THE DUCT/PLENUM AND/OR INSULATION MATERIALS APPLIED TO THE EXTERIOR OF THE DUCTS LOCATED IN THE BUILDING. CMC 602.2 AND/OR 605.0.
- 16) ALL NEW HVAC EQUIPMENT SHALL BE LISTED BY A NATIONALLY RECOGNIZED UL LISTED AND PROPERLY LABELED, AND PROVIDE MANUFACTURER'S CUTSHEETS AND SPECIFICATION FOR EACH UNIT.
- 17) MECHANICAL CONTRACTOR SHALL LABEL ALL PIPING AND DUCT WORKS INSTALLATION. LABEL SHALL BE INSTALLED AT EVERY 20 LINEAR FEET WITH IDENTIFICATION AND DIRECTION OF FLOW.
- 18) ALL DIMENSIONS ARE IN INCHES, UNLESS SHOWN OTHERWISE.
- 19) PROVIDE AUTOMATIC AIR VENTS IN ALL PIPING AT HIGH POINTS AND PROVIDE VALVED DRAIN CONNECTIONS AT LOW POINTS. RUN VENTS AND DRAINS TO ACCESSIBLE LOCATIONS.
- 20) BRACE ALL PIPING AND MECHANICAL EQUIPMENT AND SUPPORT IN ACCORDANCE WITH DRAWINGS AND THE LATEST SMACNA GUIDELINES.
- 21) MAKE CONNECTIONS BETWEEN COPPER AND IRON OR STEEL PIPES WITH DIELECTRIC CONNECTORS.
- 22) SEAL AROUND ALL PIPES AND DUCTS PENETRATING FIRE RATED WALLS WITH A U.L. LISTED FIRE-STOPPING SYSTEM. SEAL SMOKE TIGHT ALL PIPE PENETRATIONS.
- 23) THE CONTROL CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUIT FROM JUNCTION BOXES TO ALL CONTROL PANELS AND DEVICES PART OF THE CONTROL SYSTEM. ALL WIRING AND CONDUIT SHALL BE IN ACCORDANCE WITH THE ELECTRICAL SPECIFICATIONS.
- 24) THE CONTROL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPORT OF ALL CONTROL DEVICES, CONDUIT AND PANEL ASSEMBLIES AS NOTED HEREIN, AND IN THE SPECIFICATION AS REQUIRED TO PROVIDE ADEQUATE MAINTENANCE AND CLEARANCE PER CODE AND MANUFACTURE'S RECOMMENDATIONS.
- 25) DAMPER'S ACTUATORS AND CONTROL VALVES WITH ACTUATORS SHALL BE PROVIDED BY CONTROL TRADE CONTRACTOR (U.O.N.).
- 26) CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND SEQUENCE OF OPERATION FOR APPROVAL BY COR BEFORE COMMENCING THE JOB.
- 27) ALL DUCTING PENETRATING THE ROOF OR WALL SHALL BE INSULATED FOR SOUND ATTENUATION.



	ABBREVIATIONS
ABBR.	DESCRIPTION
AI AO	ANALOG INPUT ANALOG OUTPUT
CONC	CONCRETE
CW	CITY WATER
DET	DETAIL
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DWG	DRAWING
EA	EACH
ELECT	ELECTRICAL
ELEV	ELEVATION
EMER	EMERGENCY
(E)	EXISTING
FOF	FILL OIL FUEL LINE
FOFS	FUEL OIL FILTRATION SUPPLY
FOFR	FUEL OIL FILTRATION RETURN
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
FP	FUEL PUMP
FS	FILTRATION SYSTEM/FLOW SWITCH
GA	GAUGE
MIN	MINIMUM
MAX	MAXIMUM
(N)	NEW
PDT	PRESSURE DIFFERENTIAL TRANSMITTER
PSI	POUND PER SQUARE INCH
RPM	REVOLUTIONS PER MINUTE
TEMP	TEMPERATURE
TE	TEMPERATURE ELEMENT
TSTAT	THERMOSTAT
TT	TEMPERATURE TRANSMITTER
TYP	TYPICAL
WC	WATER COLUMN
WG	WATER GAUGE

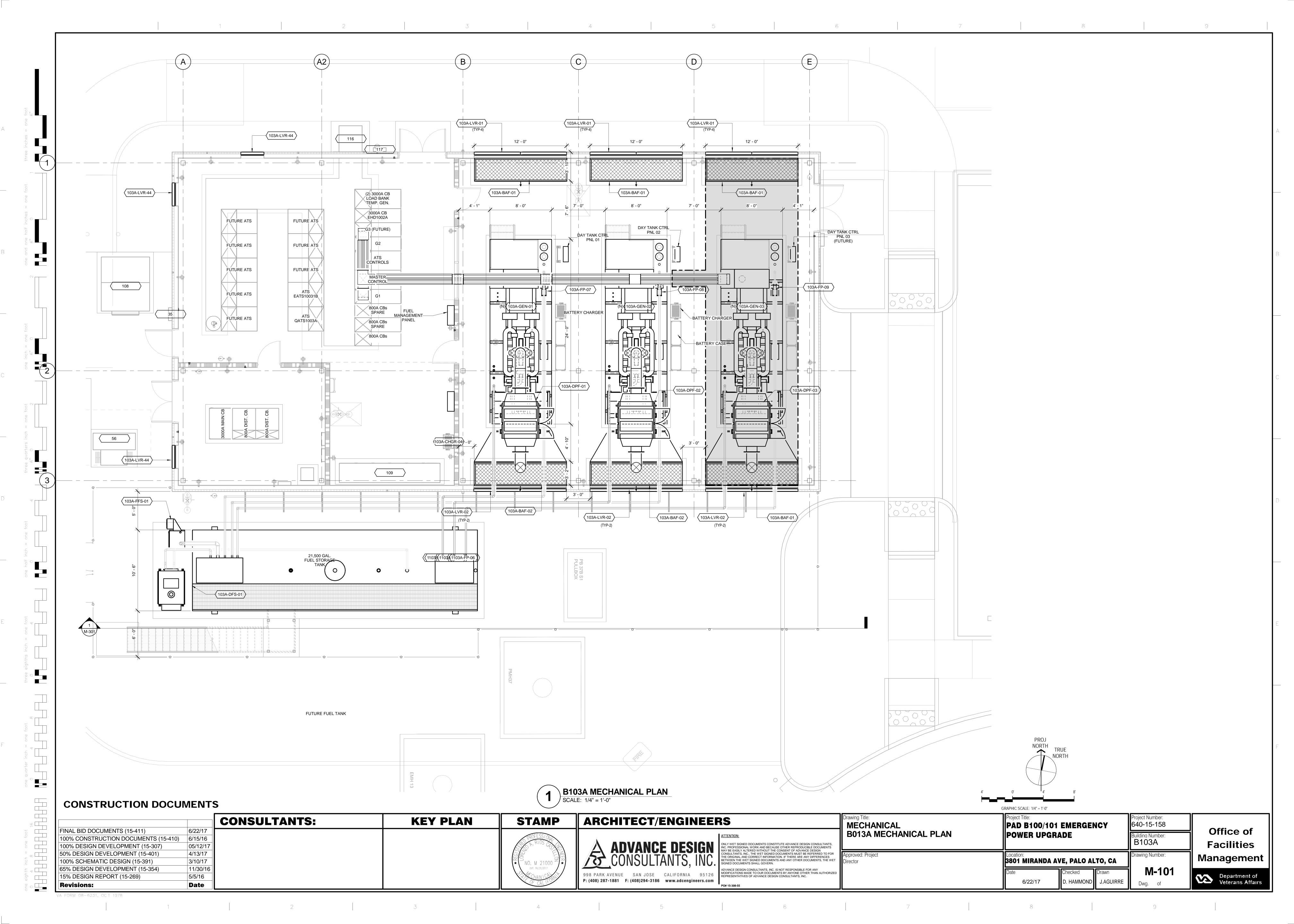
NOTE: ALL VALVES TO BE POSITION INDICATING VALVES. NO GATE VALVES ALLOWED.

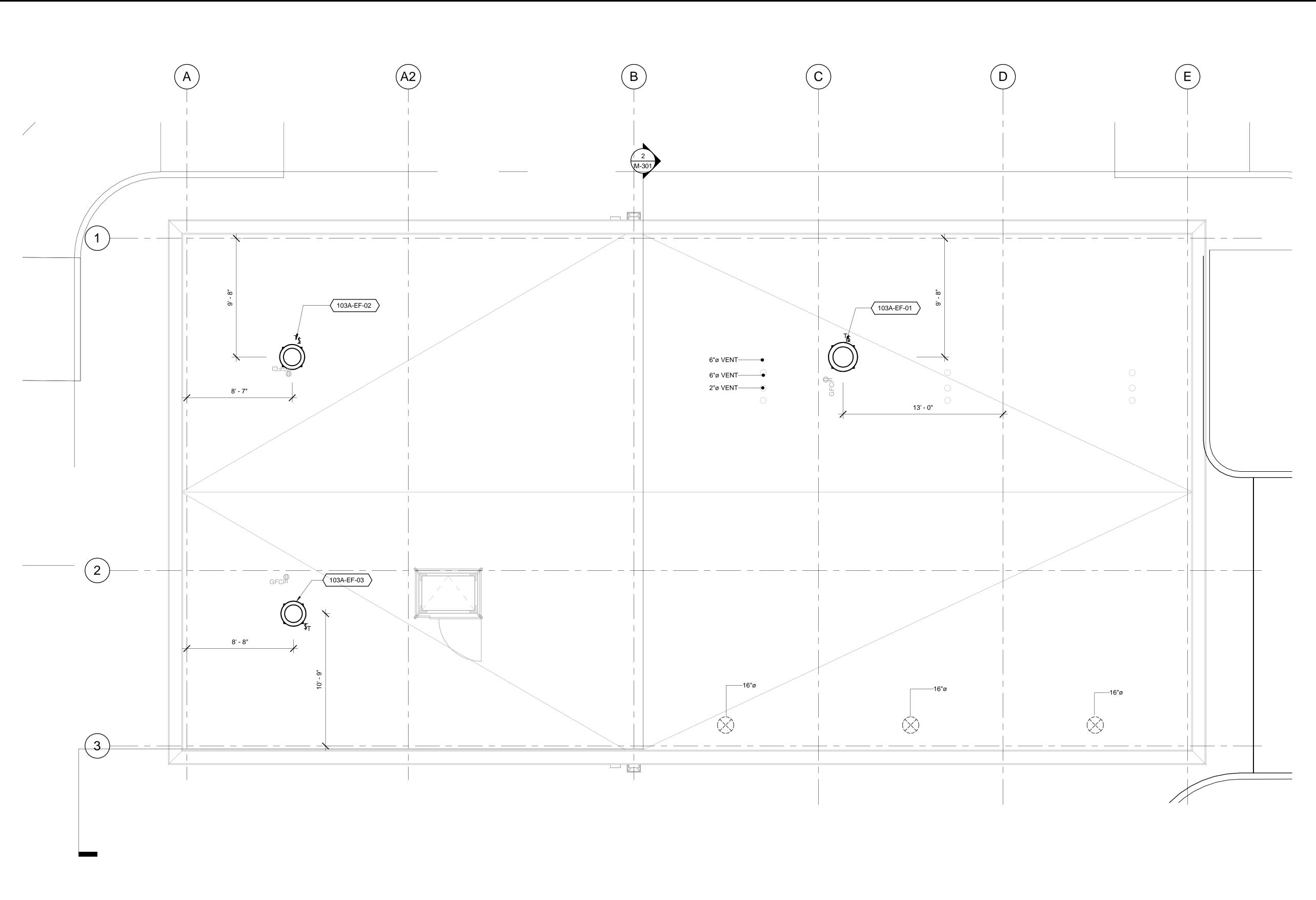
井	CONSTRUCTION DOCUMI	ENTS								
芸			CONSULTANTS:	KEY PLAN	STAMP	ARCHITECT/ENGINEERS:	Drawing Title MECHANICAL	Project Title PAD B100/101 EMERGENCY	Project Number 640–15–158	
	100% CONSTRUCTION DOCUMENTS (15-410)	6/22/17 6/15/17 5/12/17				ATTENTION: ONLY WET SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC. PROFESSIONAL WORK AND BECAUSE OTHER REPRODUCIBLE DOCUMENTS MAY BE EASILY ALTERED WITHOUT THE CONSENT OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WET ALTERED PROPULATION OF ADVANCE DESIGN CONSULTANTS, INC., THE WE	MECHANICAL NOTES, SYMBOLS + ABBREVIATIONS	POWER UPGRADE	Building Number B103A	Office of Facilities
	50% DESIGN DEVELOPMENT (15-401) 100% SCHEMATIC DESIGN (15-391)	4/13/17 3/10/17				CONSULTANTS, INC., THE WET SIGNED DOCUMENTS MUST BE REFERRED TO FOR THE ORIGINAL AND CORRECT INFORMATION. IF THERE ANY DIFFERENCES BETWEEN THE WET SIGNED DOCUMENTS AND ANY OTHER DOCUMENTS, THE WET SIGNED DOCUMENTS SHALL GOVERN. ADVANCE DESIGN CONSULTANTS, INC. IS NOT RESPONSIBLE FOR ANY MODIFICATIONS MADE	Approved: Project Director	3801 MIRANDA AVE, PALO ALTO, CA		Management
		11/30/16 5/5/16 Date				998 PARK AVENUE SAN JOSE CALIFORNIA 95126 P: (408) 297-1881 F: (408)294-3186 www.adcengineers.com PRJ# 15-308-55		Date Checked Drawn 6/22/2017 L. RIOS J. ROTHWE	M-001	Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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B103A MECHANICAL ROOF PLAN

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

CONSTRUCTION DOCUMENTS

CONSULTANTS: KEY PLAN STAMP 100% CONSTRUCTION DOCUMENTS (15-410) 6/15/16 100% DESIGN DEVELOPMENT (15-307) 05/12/17 50% DESIGN DEVELOPMENT (15-401) 4/13/17 3/10/17 100% SCHEMATIC DESIGN (15-391) 11/30/16 65% DESIGN DEVELOPMENT (15-354) 15% DESIGN REPORT (15-269) 5/5/16 Date Revisions:

ARCHITECT/ENGINEERS

ADVANCE DESIGN
CONSULTANTS, INC.

998 PARK AVENUE SAN JOSE CALIFORNIA 95126
P: (408) 287-1881 F: (408)294-3186 Www.adcengineers.com

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PO# 15-308-55

	Drawing Title: MECHANICAL
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640-15-158
Building Number: B103A
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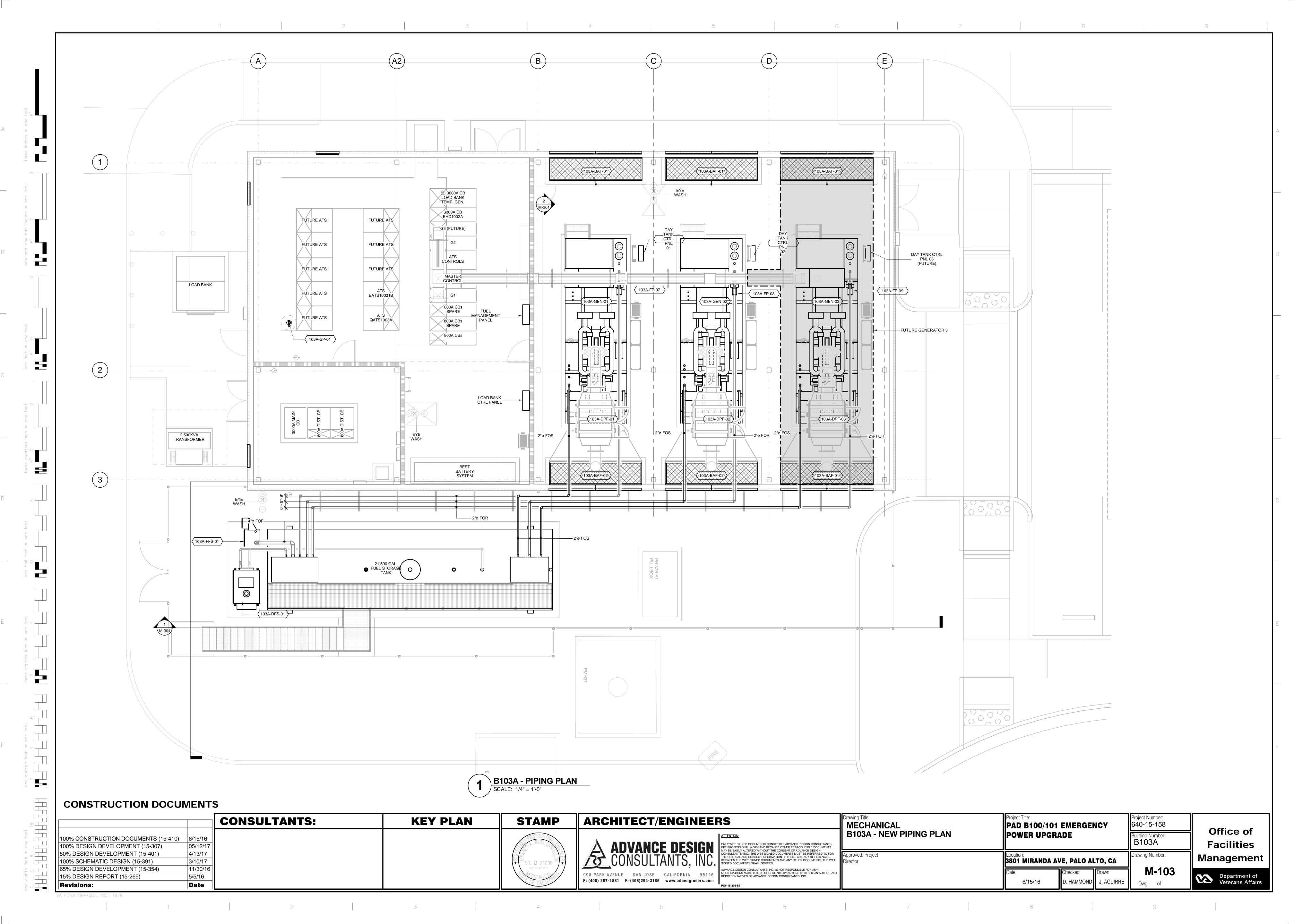
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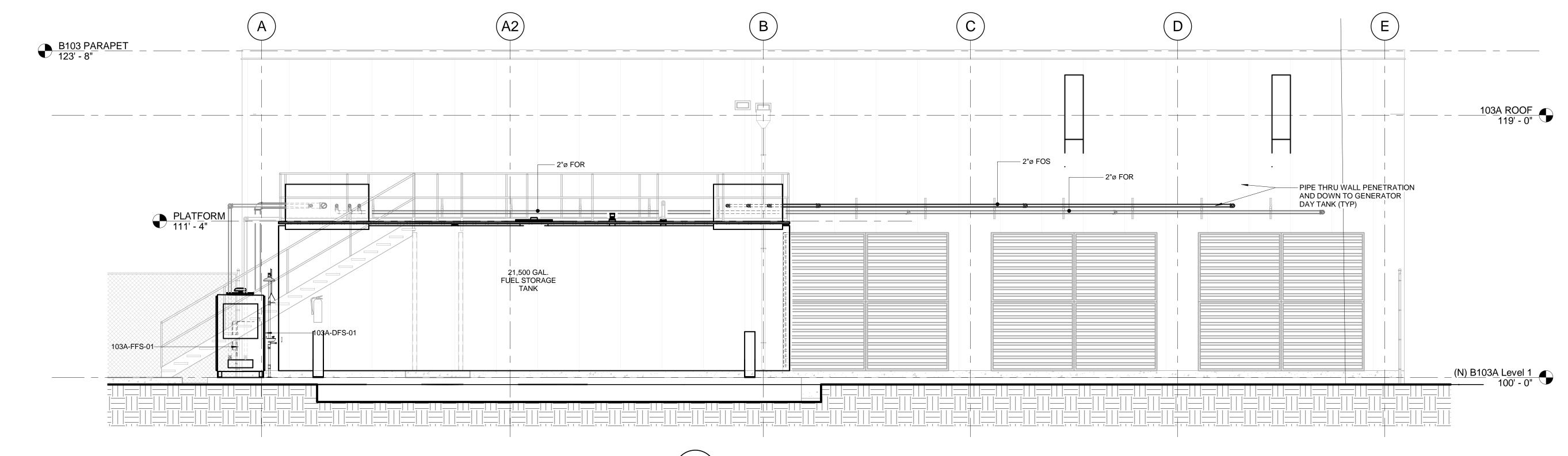
GRAPHIC SCALE: 1/4" = 1'-0"

Office of Facilities Management

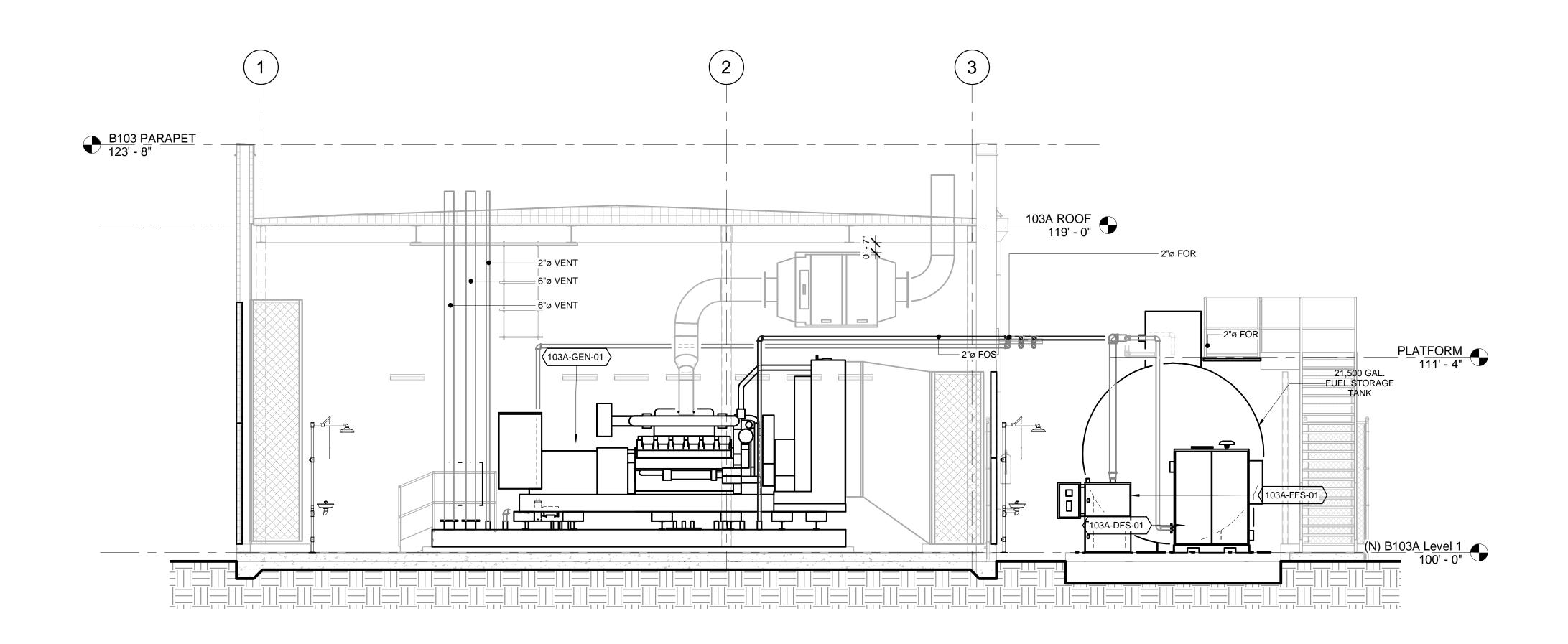
Department of Veterans Affairs

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1 FUEL TANK AND PIPING SECTION
SCALE: 1/4" = 1'-0"



B103A GENERATOR ROOM SECTION

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

CONSTRUCTION DOCUMENTS

CONSULTANTS: KEY PLAN FINAL BID DOCUMENTS (15-411) 100% CONSTRUCTION DOCUMENTS (15-410) 6/15/16 100% DESIGN DEVELOPMENT (15-307) 05/12/17 50% DESIGN DEVELOPMENT (15-401) 4/13/17 3/10/17 100% SCHEMATIC DESIGN (15-391) 65% DESIGN DEVELOPMENT (15-354) 11/30/16 15% DESIGN REPORT (15-269) 5/5/16 Date Revisions:

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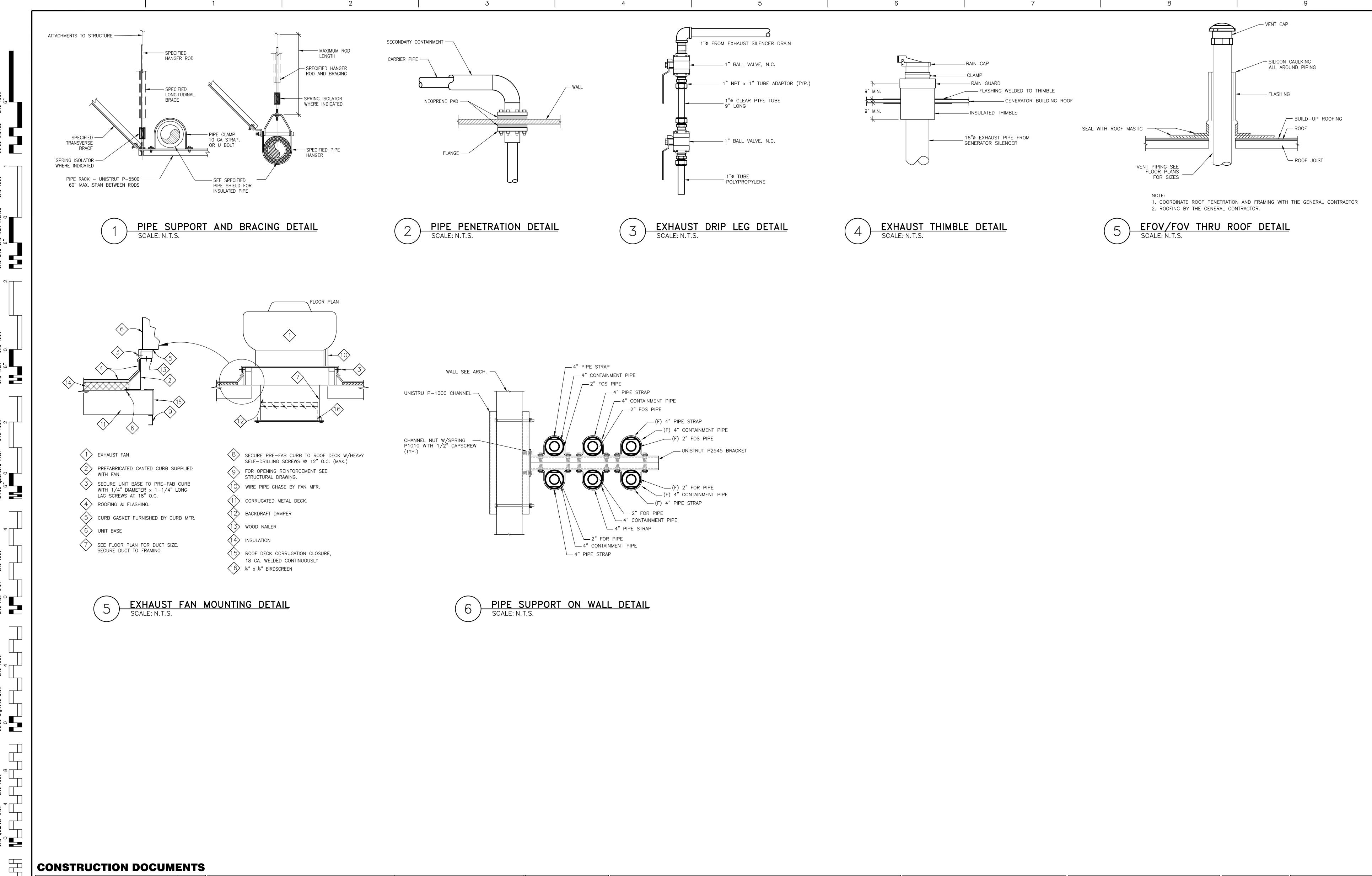
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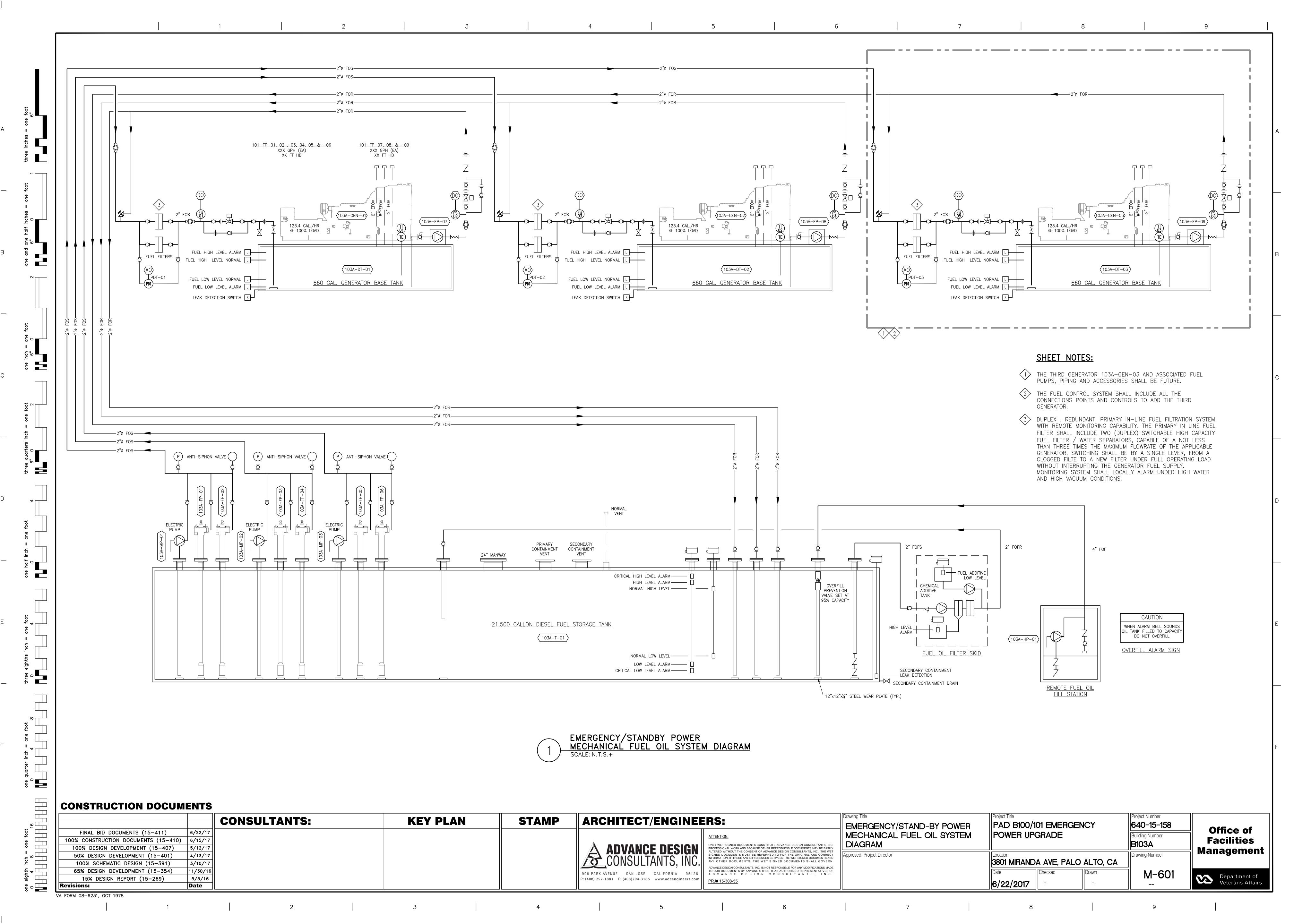
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640-15-158 RGENCY Office of Building Number: B103A **Facilities** Management ALO ALTO, CA M-301 Department of Veterans Affairs



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	50% DESIGN DEVELOPMENT (15-401) 4/13/17 100% SCHEMATIC DESIGN (15-391) 3/10/17				CONSULTANTS, INC.	INFORMATION. IF THERE ANY DIFFERENCES BETWEEN THE WET SIGNED DOCUMENTS AND	Approved: Project Director	3801 MIRANDA AVE, PALO ALTO, CA	Drawing Number	Management
	65% DESIGN DEVELOPMENT (15-354) 11/30/16 15% DESIGN REPORT (15-269) 5/5/16 Revisions: Date				998 PARK AVENUE SAN JOSE CALIFORNIA 95126 P: (408) 297-1881 F: (408)294-3186 www.adcengineers.com	TO OUR DOCUMENTS BY ANYONE OTHER THAN AUTHORIZED REPRESENTATIVES OF A D V A N C E D E S I G N C O N S U L T A N T S , I N C . PRJ# 15-308-55		Date Checked Drawn - -	M-501 	Department of Veterans Affairs

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EQUIPMENT TAG	MANUFACTURER ANI MODEL NUMBER	LOCATION	INLET C	DUTLET			SOUND ATTENUA	ATION dBA			DIMENSIONS	OPERATING WEIGHT (LBS.)	REMARKS	EQUIPMENT TAG	MANUFACTURER AND MODEL NUMBER	LOCATION	FLOWRATE	ELEC V/ø/hz AMP	CTRICAL PS HP	INLE	T OUTLET	DIMENSI
(103A-DPF-01)	MIRATECH	GENERATOR	16"		hZ 125 h				hZ 4k hZ	8k hZ	100"L X 57¾""W	2,492	1,2,3	(103A-DFS-01)	SIMPLEX SMART FILTER SF-15	GENERATOR MAIN FUEL TANK	15 GPM	115/1/60 13.4	4 1.0	2" 150 FLANG	LB. 2" 150 LB SE FLANGE	3. 58"W x 72"H
(103B-DPF-02)	LTRV56-50-16-XR1 MIRATECH	GENERATOR	16"		27					40	X 51%"h 100"L X 57¾""W			REMARKS 1. INJECTION TANK 2. FOR ADDITIONAL	(AND PUMP FOR AUTOMATION SEE SPECIFIC	L INJECTION OF I	FUEL ADDITIVES. D SECTION FUEL C	I DIL QUALITY MAINTENAN	NCE SYSTEMS			
	LTRV56-50-16-XR1 MIRATECH	BUILDING GENERATOR			27				35 37		X 51%%"h 100"L X 57¾""W	2,492	1,2,3									
(103B-DPF-03) REMARKS 1. WITH HANGER	LTRV56-50-16-XR1	BUILDING	16"	16"	20 27	34	4 30	30 3	35 37	40	X 51% "h	2,492	1,2,3,4				(N) DIE	SEL FUEL	FILL STA	ATION S	CHEDULE	- -
2. WITH ZINC BA	SED HIGH HEAT AND HIGH A LOGGER ASSEMBLY KIT.	CORROSION RESISTANT PAIN	г.											EQUIPMENT TAG	MANUFACTURER AND MODEL NUMBER	LOCATION	SPILL CONTAINMEN	T V/Ø/hz	INLET	OUTLET	DIMENSIONS	OPERA WEIGHT
					(N) BAF	FLE S	ILENCER SC	HEDULE						(103A-FFS-01)	SIMPLEX AUTOMATIC FUEL PORT	GENERATOR MAIN FUEL	20 GALLONS		4"	4"	49%"W × 48"H ×	24"D 3.
EQUIPMENT TAG	MANUFACTURER AND MODEL NUMBER	LOCATION TYPE	QTY FLOWRATE CFM	VELOCITY FPM	RESSURE DROP IN, WG		SO	OUND ATTENUATION	N dBA		DIME	NSIONS WE	RATING IGHT REMARKS	REMARKS 1. ELECTRICALLY C	FUEL PORT DPERATED SHUTOFF VALVE. L INFORMATION SEE SPECIFIC	TANK			IFS FILL BOXES			
	MODEL NOMBER		CI M	11.64		hZ 125	25 hZ 250 hZ	500 hZ 11	k hZ 2k hZ	4k hZ	8k hZ	(L	3S.)	Z. TON ADDITIONAL	E IN ONWATION SEE SECTION	CATION 25 TO 00	S SECTION TANK A	IND I II ING ACCESSORI	LS TILL BOXLS.			
(103A-BAF-01)	VIBRO-ACOUSTICS RD-LV-F2	GENERATOR BUILDING INTAKE	3 79,072	470	0.07 –	-2	-3 -5	-9	-7 -5	-4	_5 144"W	x 168"H 36"L						<u>(N</u>	I) LOUVEF	R SCHE	<u>DULE</u>	
(103A-BAF-02)	VIBRO-ACOUSTICS RD-LV-F2	GENERATOR BUILDING DISCHARGE		611			-10 -16		-20 -18	-16	-13 144"W	× 120"H 36"L		EQUIPMENT	MANUFACTURER AND	LOCATION	TVDF	OUANTITY FLOWR	RATE VELOCITY M FPM	PRESSURE	EDEE ADEA	DIMEN
1. BAFFLES TO	REDUCE SOUND LEVELS TO	O MAX. 85 dBA AT 5 FEET F	ROM ANY SIDE, TOP OR	воттом то но мо	DRE THAN 75 dBA /	AT 50 FEET H	HORIZONTALLY FROM THE	BUILDING.						TAG	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	QUANTITY FLOWR CFM	M FPM	PRESSURE DROP IN. WG	FREE AREA	DIMENS
					(N) DII	ICT SII	LENCER SCH							(103A-LVR-01)	RUSKIN ELF6350DMP	GENERATOR BUILDING	INTAKE	12 19,76	68 713	0.07	62%	72"W x 84"
					(11) 00	701 311	SOUND ATTENU							(103A-LVR-02)	RUSKIN ELF6350DMP	GENERATOR BUILDING	DISCHARGE	6 36,64	40 907	0.11	62%	72"W x 120
EQUIPMENT TAG	MANUFACTURER ANI MODEL NUMBER	D LOCATION INLET	OUTLET CFM	IN. WG	63 hZ 125	5 hZ 25	50 hZ 500 hZ		2k hZ 4k h	nZ 8k hZ	DIMENSIONS	OPERATING WEIGHT (LBS.)	REMARKS	REMARKS 1. 1"x1" GALVANIZ	ZED BIRD-SCREEN.		1				I	
(103A-DS-01)	VIBRO-ACOUSTICS 24 X CD-LV-F1 X 4	GENERATOR 8 BUILDING 24"	24' 2,600	0.06	7	12	23 32	43	45 46	20	24"ø X 48"L	363	1									
REMARKS 1. WITH HANGER	BRACKETS.															(N)	DIESEL	FUEL PUI	MP SCHE	DULE		
														EQUIPMENT TAG	LOCATION FLOWR	ATE HEAD	ELECTRICA V/ø/hz	НР	LENGTH		ERATING GHT (LBS.)	REMARKS
				EXHAL	JST FAN	SCHED		ELECTRICAL						(103A-FP-01)	DIESEL FUEL 35	15	208/1/60		RANGE 118"-20)Q"	- 1,2	
EQUIPMENT TAC	MODEL NUMBER	LOCATION	TYPE	CFM S.P.	. IN W.G. FA	AN RPM	внр нр		WEIGHT LBS.		REMARKS				DIESEL FUEL							
(103A-EF-01)	CDEENHECK	GENERATOR BUILDING ROOF GENERATOR BUILDING	CENTRIFUGAL	2,600 1,680			0.63 1 115 0.27 ½ 115		// CU	JRB AND LINE VO 	DAMPER, ECM MOTOR, DLTAGE THERMOSTAT ———————————————————————————————————			(103A-FP-02)	STORAGE TANK		208/1/60		RANGE 118"-20		- 1,2	
\(\left(\frac{103A-EF-02}{\text{103A-EF-03}}\right)	CDEENHECK	GENERATOR BUILDING ROOM 05	CENTRIFUGAL	1,010			0.16		E4 WI		DLTAGE THERMOSTAT DAMPER, ROOF CURB TAT	AND LINE		(103A-FP-03)	DIESEL FUEL STORAGE TANK 35	15	208/1/60	0	RANGE 118"-20)9"	- 1,2	
		DIESEI	FUEL STOR	ACE TANI	K SCHED	111 5								(103A-FP-04)	DIESEL FUEL STORAGE TANK 35	15	208/1/60	D 1/3	RANGE 118"-20	09"	- 1,2	
FOURDAENT TAK	MAUFACTURER AND						DEMA	ADVO						(103A-FP-05)	DIESEL FUEL STORAGE TANK 35	15	208/1/60	o 1/3	RANGE 118"-20	09"	- 1,2	,3
EQUIPMENT TAC	MODEL NUMBER MODERN WELDING	NEXT TO GENERATOR	FIREGUARD	CAPACITY WEIG		ENSIONS 5 × 37"L -	REMA	AKKS						(103A-FP-06)	DIESEL FUEL STORAGE TANK 35	15	208/1/60	o 1/3	RANGE 118"-20	09"	- 1,2	,3
(103A-1-01)	MODERN WELDING	BUILDING	UL 2085 2	1,000 GAL.	- 100	7 X 3/ L -								(103A-FP-07)	GENERATOR DAY TANK 35	15	208/1/60) <i>1</i> 3	_			
		<u>GENE</u>	RATOR DAY	TANK S	CHEDULE	<u>:</u> -								(103A-FP-08)	GENERATOR DAY TANK 35	15	208/1/60	D 1/3	_			
EQUIPMENT TAC	MAUFACTURER AND MODEL NUMBER	LOCATION	TYPE	CAPACITY WEIG	CHT LBS. DIME	ENSIONS	REMA	ARKS						(103A-FP-09)	GENERATOR DAY TANK 35	15	208/1/60	o 1/3	_		- 3	
\(\left(103A - DT - 01 \right) \)		GENERATOR BUILDING GENERATOR BUILDING		660 GAL		x 8'W x	DOUBLE WALL TANK DOUBLE WALL TANK							(103A-MP-01)	DIESEL FUEL STORAGE TANK 35	15	115/1/60) 1/3	RANGE 118"-20	09"	- 1,2	.,4
(103A-DT-03)		GENERATOR BUILDING		660 GAL	25'K	12"H	DOUBLE WALL TANK, FUTU GENERATOR	URE FOR THIRD						(103A-MP-02)	DIESEL FUEL 35	15	115/1/60) ½	RANGE 118"-20	09"	- 1,2	.,4
				<u>l</u>	-									(103A-MP-03)	DIESEL FUEL 35	15	115/1/60) ½	RANGE 118"-20	09"	- 3	
														REMARKS 1. INLET FILTER SI 2. 16 PSI RELIEF	CREEN							
														3. FUTURE THIRD	ENGINE GENERATOR RIC PUMP TO BE CONNECTE	ED TO PORTABLE	GENERATOR AS NE	EEDED.				
CONSTR	RUCTION D	OCUMENTS	1		<u> </u>		=					A		\IPP&			Drawing Title				Project Title	
	ID DOCUMENTS (15-		l I	LIANT) ;		KI	EY PLA	N	51	ГАМР	AKCH	ITECT/ENGII	NEERS: ATTENTION:				GENCY/STA ANICAL SCI		WER	PAD B10	00/101 EMER UPGRADE
100% DESI 50% DESI	GN DEVELOPMENT (1 GN DEVELOPMENT (1	5-407) 5/12/17 5-401) 4/13/17										A AI	DVANCE DESI DNSULTANTS, I	ONLY WET SIGNED DOOR PROFESSIONAL WORK AN ALTERED WITHOUT THE SIGNED DOCUMENTS NOT INFORMATION. IF THERE ANY OTHER DOCUME	CUMENTS CONSTITUTE ADVANCE DESIGN BECAUSE OTHER REPRODUCIBLE DOC CONSENT OF ADVANCE DESIGN CONSULT OF ADVANCE DESIGN CONSULT OF FOR THE OR ANY DIFFERENCES BETWEEN THE WET SENTS, THE WET SIGNED DOCUMENTS	IGN CONSULTANTS, INC CUMENTS MAY BE EASILY ULTANTS, INC., THE WET RIGINAL AND CORRECT SIGNED DOCUMENTS AND NTS SHALL GOVERN	Approved: Pro	ject Director			Location 3801 MIRA	ANDA AVE, F
65% DESIG	HEMATIC DESIGN (15 ON DEVELOPMENT (1 ESIGN REPORT (15–2	5-354) 11/30/16										QQQ DADK AVENII	DINSULIANIS, I E SAN JOSE CALIFORNIA F: (408)294-3186 www.adcengine	TO OUR DOCUMENTS B	JLTANTS, INC. IS NOT RESPONSIBLE FOR A IY ANYONE OTHER THAN AUTHORIZED OF EAST GOVERNORS OF THE STATE OF THE	ANY MODIFICATIONS MADE REPRESENTATIVES OF A N T S , I N C					Date 6/22/201	Checked

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Date

VA FORM 08-6231, OCT 1978

Office of Facilities Management

Project Number

Building Number

Drawing Number

640-15-158

PAD B100/101 EMERGENCY

3801 MIRANDA AVE, PALO ALTO, CA

6/22/2017

OPERATING WEIGHT (LBS.)

REMARKS

OPERATING WEIGHT (LBS.)

252

360

REMARKS

REMARKS

DIMENSIONS

58"W x 72"H x 40"D

OPERATING WEIGHT (LBS.)

343

DIMENSIONS

72"W x 84"H x 6"D

72"W x 120"H x 6"D

Department of Veterans Affairs