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GENERAL NOTE:

SEE SHEET E-002 FOR GENERAL

VOLTAGE DROF

EQUIPMENT FEEDER CONDUCT DROP OF NO MORE THAN 3% TO OPERATIONS PER N.E.C. 215.2 (/

ALTERNATE SER

PROVIDE LINE ITEM TO BID FOR THE TRANSFORMER SECONDAR "SES-144C". THIS EQUIPMENT SH DETERMINED THAT EXISTING SE "154-MSBD" DO NOT HAVE SPARE ADDED LOADS. BID SHALL INCLU CONDUCTORS, TRENCHING, CON ENSURE A FULLY FUNCTIONAL ENGINEER AND THE AHJ.

THE FOLLOWING PROJECT SPEC THIS PROJECT AND APPLY TO T 26 05 13 MEDIUM VOLTAGE 26 05 26 GROUNDING AND B 26 05 41 UNDERGROUND EL 26 12 19 PAD MOUNTED, LIG 26 24 13 DISTRIBUTION SWI

KEY NOTES (#)

- 1. TIE INTO EXISTING MEDIUM
- 2. CONDUCTORS TO BE (3) 1/0 5"C.
- 3. PROVIDE NEW TRANSFORM LOCATION.
- 4. PROVIDE NEW DISTRIBUTION LOCATION.
- 5. CONDUCTORS TO BE (5 SET (1) 300 KCMIL CU. GND., EACH
- 6. CONDUCTORS TO BE (3) 600 A.W.G. CU. GND., 104mm (4")
- 7. CONDUCTORS TO BE 2 SETS CU. GND., IN (1) 103mm (4") C
- 8. PROVIDE NEW WEATHERPRO SIZED PER MANUFACTURE PROVIDE SUPPORTING MEA CLEARANCES ABOUT UNIT.
- 9. NEW CHILLER "154-CHLR-05E CIRCUIT AS INDICATED. CHIL
- 10. SEE SHEET E600 FOR COND DEVICES SERVED THROUGH
- 11. SEE SHEET E601 FOR COND DEVICES SERVED THROUGH

gineering,	ONE-LINE DIAGRAM "SES-144B"	HVAC SYS CONTRACT NO. VA2			Building Numl 154
Design	Approved: Project Director	Location FT. HARRISON HELENA, MT			Drawing Num
a 85282, (480) 751-9542		Date	Checked	Drawn	ןׂ E60
		08/03/2018	OG		

3825	0.43141	0.69861	_
3825	0.88819	0.52961	_
3825	0.93895	0.51574	_
18593	0.57427	0.63522	-
	NEW 800AF 500AT TYPE . SK	SPACE FOR FUTURE	
IFW			
	3825 3825 18593	3825 0.88819 3825 0.93895 18593 0.57427 NEW 800AF 500AT TYPE SK	3825 0.88819 0.52961 3825 0.93895 0.51574 18593 0.57427 0.63522 SPACE FOR FUTURE NEW 800AF 500AT TYPE SK .

9	
ES AL NOTES.	
P NOTE TORS HAVE BEEN SIZED TO MAINTAIN VOLTAGE TO PROVIDE REASONABLE EFFICIENCY OF (A)(4) INFORMATIONAL NOTE #2.	А
R THE PROVISION OF THE 500 KVA TRANSFORMER, RY DISCONNECT AND DISTRIBUTION BOARD SHALL ONLY BE PROVIDED AND INSTALLED IF IT IS SERVICE ENTRANCE SECTIONS "SES-144B" AND RE POWER AVAILABLE TO ACCOMMODATE THE LUDE ALL APPRUTENANCES (IE: CONDUITS, ONCRETE PADS, VAULTS, ETC) AS REQUIRED TO SYSTEM TO THE SATISFACTION OF THE	
ECIFICATION SECTIONS HAVE BEEN ADDED TO THIS ADD/ALT ONLY: E CABLES D BONDING FOR ELECTRICAL SYSTEMS ELECTRICAL CONSTRUCTION IQUID FILLED, MEDIUM-VOLTAGE TRANSFORMERS VITCHBOARDS	В
M VOLTAGE NORTH LOOP. 10 MV-105, 15kV, 133%EPR,(1) 1 AWG XHHW GND., MER AS INDICATED. SEE SHEET E301 FOR ON BOARD AS INDICATED. SEE SHEET E300 FOR	
ETS) 103mm (4"), WITH (4) 600 KCMIL XHHW-2 CU., ACH. D0 KCMIL CU., (1) 3/0 A.W.G. CU. NEUTRAL, (1) 2/0 ") C., TS OF (3) 300 KCMIL XHHW-2 CU., (1) 1/0 A.W.G. C. ROOF DISCONNECT WITH LPNRKSP FUSES ERS SPECIFICATIONS TO SERVE NEW CHILLER. ANS AS REQUIRED. MAINTAIN N.E.C. REQUIRED 5B-AHU13-15", PROVIDED WITH INTEGRAL VSD. HILLER IS RATED @ 65,000 A. SCIR.	С
IDUIT AND CONDUCTOR SIZING FOR ALL GH "154-DBPHS". IDUIT AND CONDUCTOR SIZING FOR ALL GH "154-DBPHN".	
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	'BID SET'		
lber	Office of		
nber	Construction		
	and Facilities		
nber	Management		
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	Department of Veterans Affairs		

9