WTP Generator, Propane and ATS

666-14-811S

VAMC Sheridan, WY

June 10, 2014

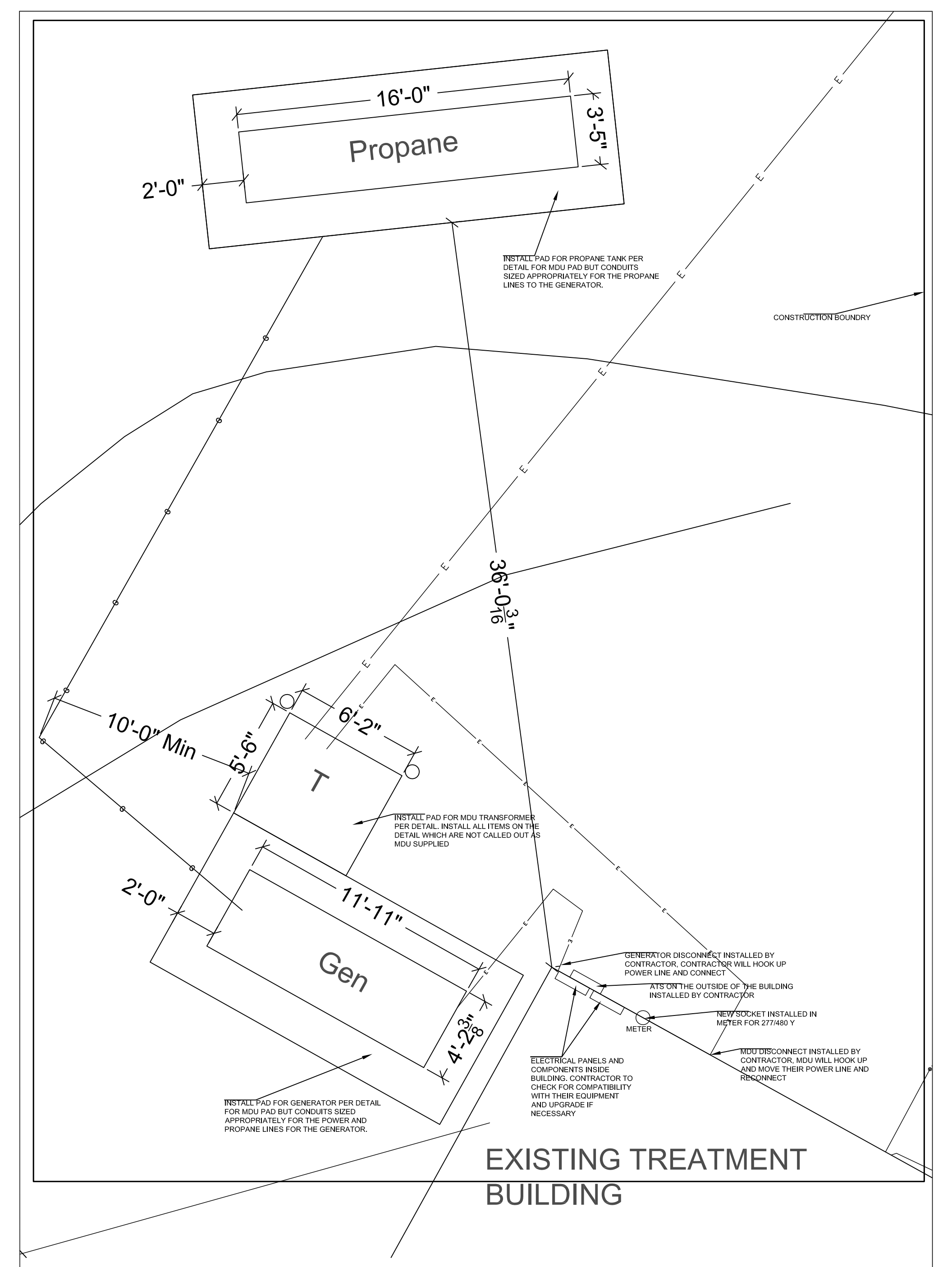
VICINITY MAP

SCALE: NTS

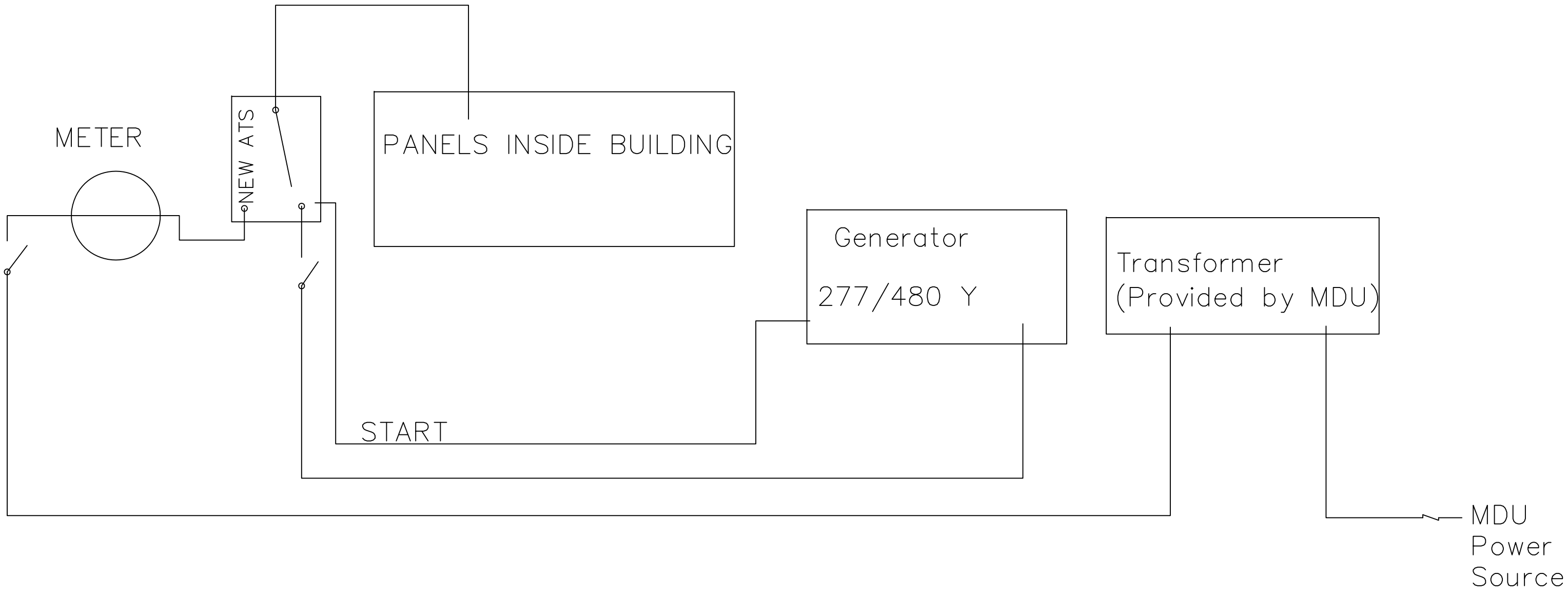
SITE PLAN

SCALE: NTS

Project Title WTP Generator, Propane and ATS	Drawing Title Title Page		Revision -	Office of Facilities Management Department of Veterans Affairs	Drawing Number Dwg. 1 of 4
	Location VAMC Sheridan, WY	Project Number 666-14-811S	Date June 10, 2014		



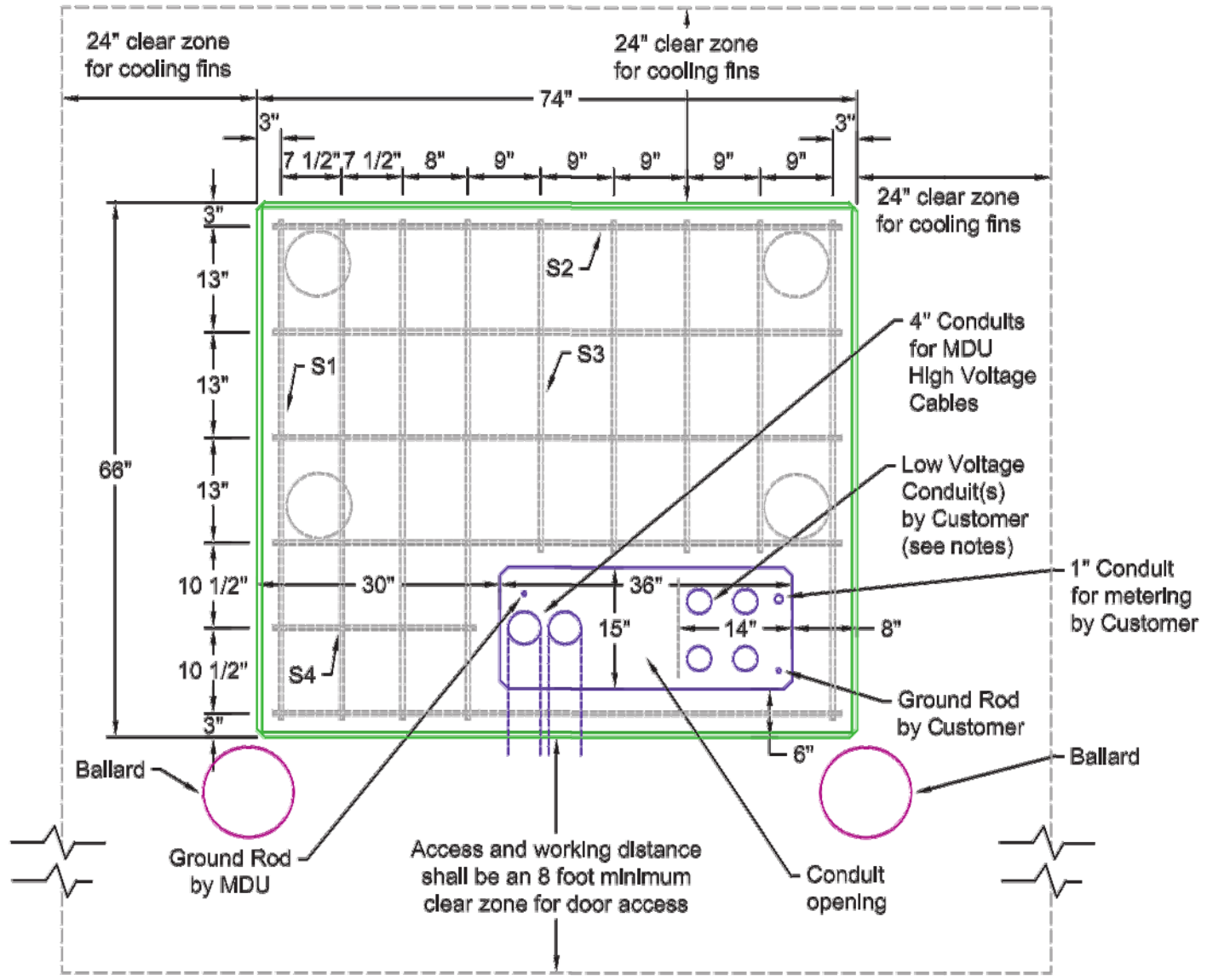
Project Title: WTP Generator, Propane and ATS	Drawing Title: Plan View	Revision: -	Office of Facilities Management	Drawing Number
	Location: VAMC Sheridan, WY	Project Number: 666-14-811S	Date: June 10, 2014	Department of Veterans Affairs



Not to Scale

Project Title	Drawing Title		Revision		Drawing Number
WTP Generator, Propane and ATS	One Line		-	Office of Facilities Management	
	Location: VAMC Sheridan, WY	Project Number: 666-14-811S	Date: June 10, 2014	Department of Veterans Affairs	Dwg. 3 of 4

NOTE: Entire pad must be 5' from ANY building.



TRANSFORMER LOCATION

1. Entire pad must be five feet from any building.
2. All oil-filled padmounted transformers must be installed so any flow of oil resulting from a failure of the transformer will flow away from any structure.
3. A transformer should be located away from traffic areas or protected with ballards such as concrete filled pipes or steel bumper posts, provided by the customer.
4. When locating pad, consider overhead clearance for possible transformer replacement.
5. Compact soil to avoid tilting and settling. Columns required except on undisturbed soil.

STEEL REINFORCING ROD

MARK	QTY.	SIZE	LENGTH
S1	5	1/2"	62"
S2	5	1/2"	70"
S3	4	1/2"	41"
S4	1	1/2"	25"

NOTES:

1. Transformer pad, service cable, conduit, and ground rod or mat for service cable grounding are furnished by customer; connections by company.
2. Reinforcing steel must be secured with tie wire at all intersections.
3. All exposed edges and corners to have 1" chamfer.
4. Minimum of 1.2 Cubic Yards of concrete required.
5. Low voltage conduits by customer must be installed within 14" area noted.
6. Where the customer has more than four parallel conductors, a CT/Transition Cabinet and conduits to the transformer location may be required.
7. Top surface shall be level for concrete pad.

CONCRETE PAD
FOR 3-PH TRANSFORMER
SIZES 45 THROUGH 300 KVA

			APPROVED: DLA
3/28/2014	CW	REDRAWN IN AUTOCAD	DATE: 04/11/14
6/2/1999	CAH	CHANGE FRONT CLEAR ZONE & CENTER	
6/2/1999	CAH	MOVE CONDUIT OPENING 7" TO THE RIGHT	

ELECTRIC DISTRIBUTION STANDARDS

SCALE: 1/2" = 1'

DRAWING NO: 19-803

Project Title: WTP Generator, Propane and ATS	Drawing Title: Details for Concrete		Revision: -	Office of Facilities Management, Department of Veterans Affairs	Drawing Number: Dwg. 4 of 4
	Location: VAMC Sheridan, WY	Project Number: 666-14-811S	Date: June 10, 2014		