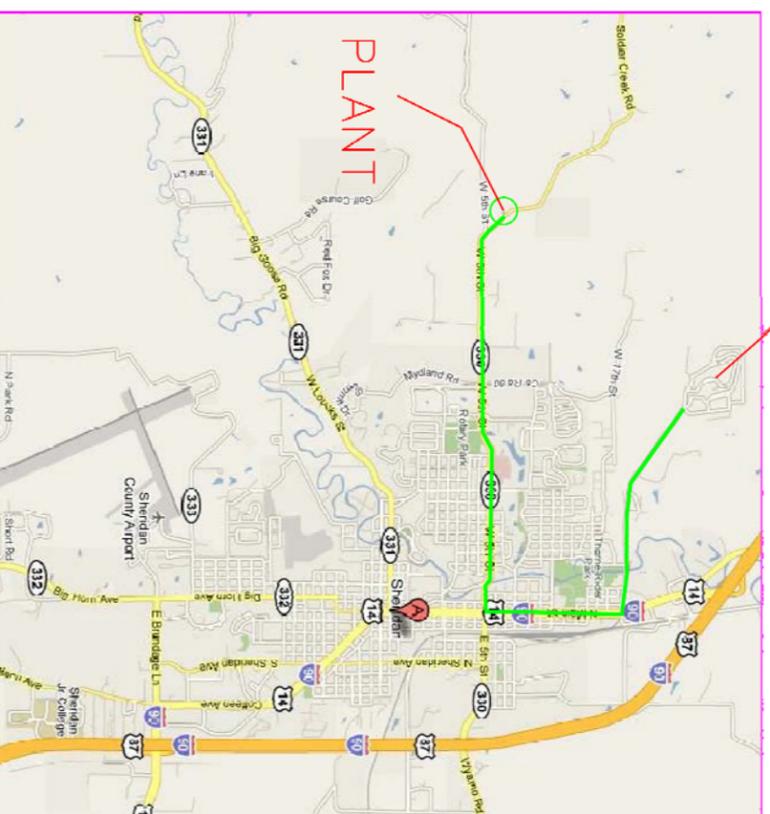


WTP Generator, Propane and ATS

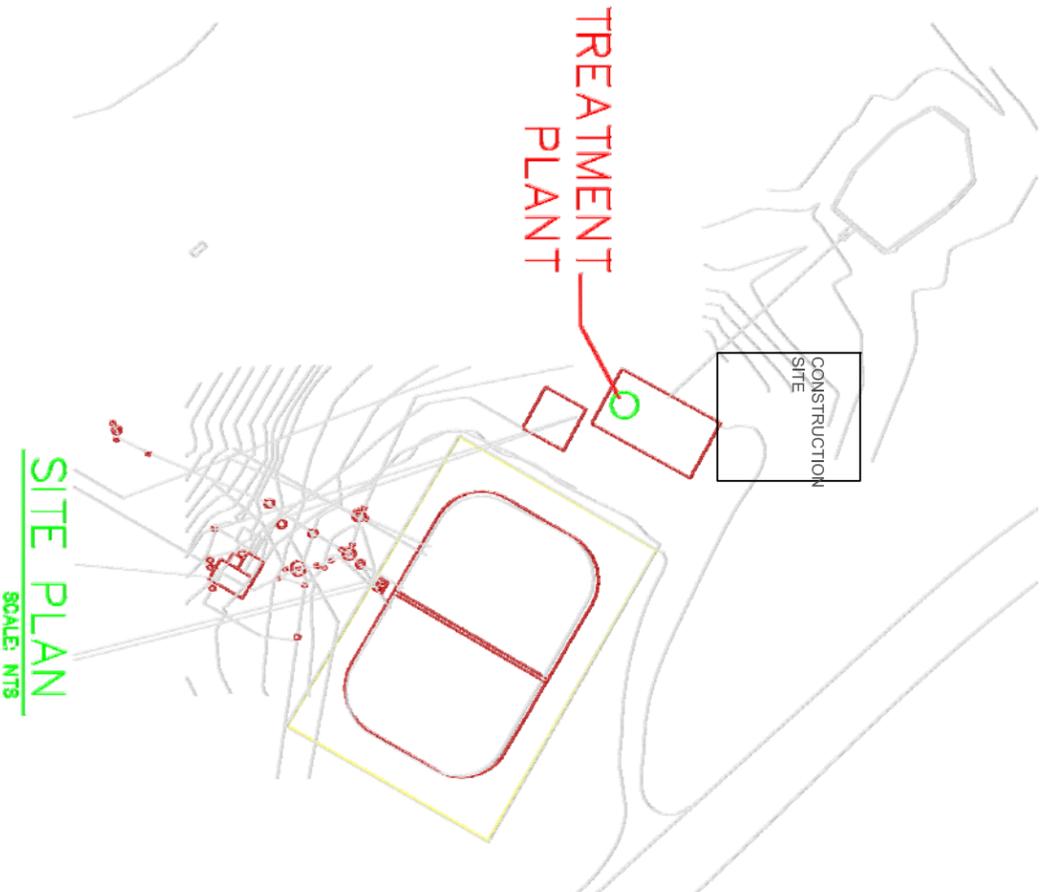
666-14-811S
VAMC Sheridan, WY
June 10, 2014

SHERIDAN VAMC



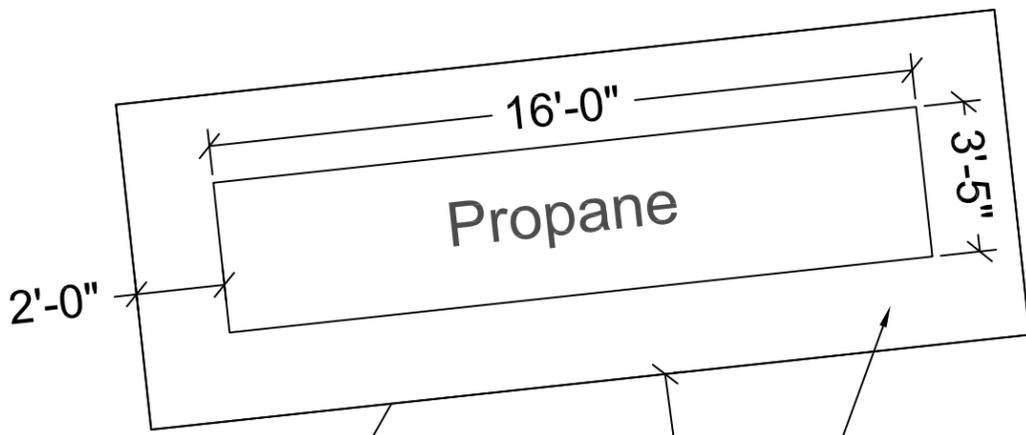
VICINITY MAP
SCALE: NTS

TREATMENT
PLANT



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		



INSTALL PAD FOR PROPANE TANK PER
DETAIL FOR MDU PAD BUT CONDUITS
SIZED APPROPRIATELY FOR THE PROPANE
LINES TO THE GENERATOR.

CONSTRUCTION BOUNDARY

36'-0"
 $\frac{3}{16}$ "

10'-0" Min

5'-6"

6'-2"

T

INSTALL PAD FOR MDU TRANSFORMER
PER DETAIL. INSTALL ALL ITEMS ON THE
DETAIL WHICH ARE NOT CALLED OUT AS
MDU SUPPLIED

2'-0"

11'-11"

Gen

4'-23"
 $\frac{3}{8}$ "

INSTALL PAD FOR GENERATOR PER DETAIL
FOR MDU PAD BUT CONDUITS SIZED
APPROPRIATELY FOR THE POWER AND
PROPANE LINES FOR THE GENERATOR.

GENERATOR DISCONNECT INSTALLED BY
CONTRACTOR, CONTRACTOR WILL HOOK UP
POWER LINE AND CONNECT

ATS ON THE OUTSIDE OF THE BUILDING
INSTALLED BY CONTRACTOR

NEW SOCKET INSTALLED IN
METER FOR 277/480 Y

METER

MDU DISCONNECT INSTALLED BY
CONTRACTOR, MDU WILL HOOK UP
AND MOVE THEIR POWER LINE AND
RECONNECT

ELECTRICAL PANELS AND
COMPONENTS INSIDE
BUILDING. CONTRACTOR TO
CHECK FOR COMPATIBILITY
WITH THEIR EQUIPMENT
AND UPGRADE IF
NECESSARY

EXISTING TREATMENT
BUILDING



Project Title
WTP Generator,
Propane and ATS

Drawing Title
Plan View

Revision
-

Office of
Facilities
Management

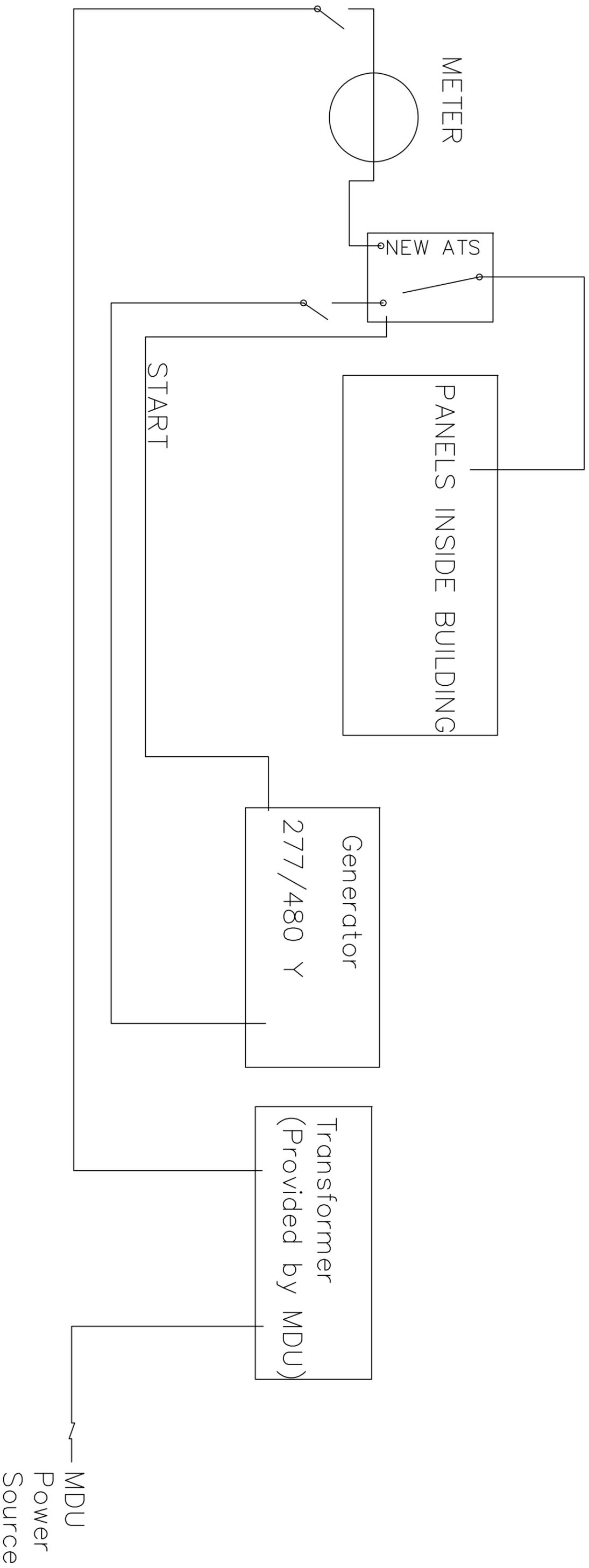
Drawing Number

Location
VAMC Sheridan, WY

Project Number
666-14-811S

Date
June 10, 2014

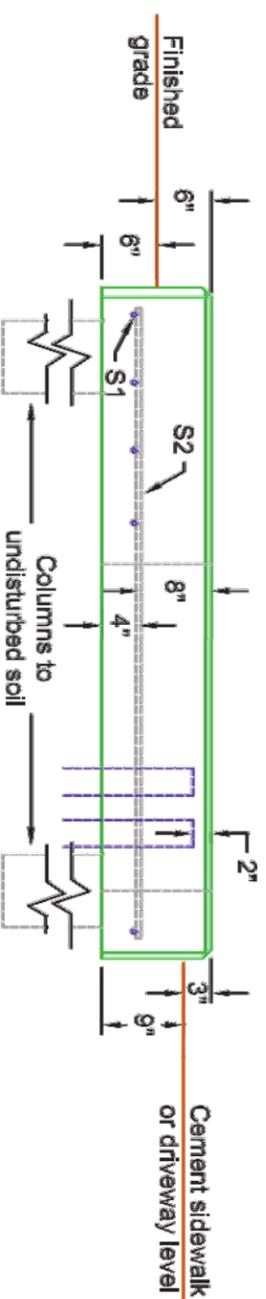
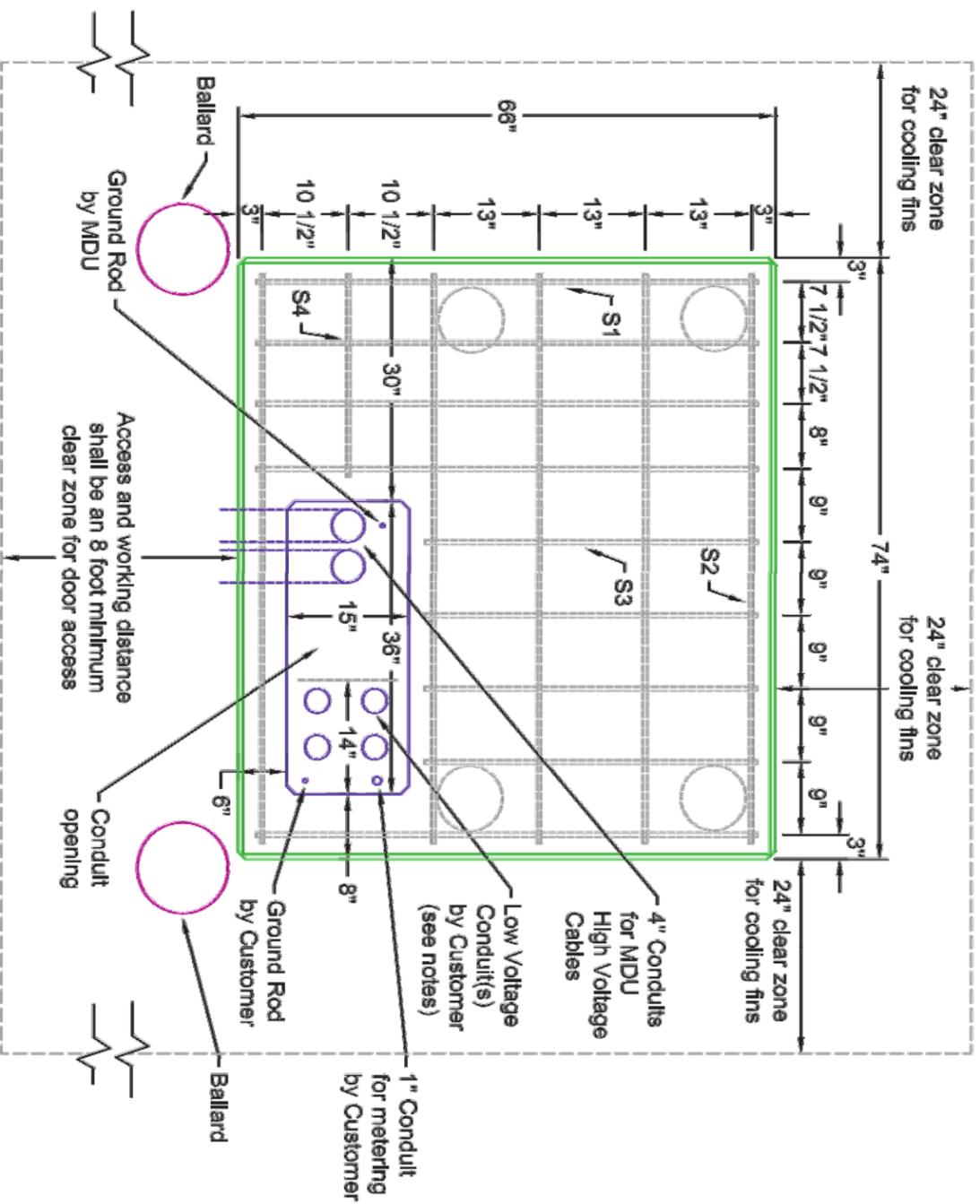




Not to Scale

Project Title WTP Generator, Propane and ATS		Drawing Title One Line		Revision -		Office of Facilities Management <small>Department of Veterans Affairs</small>		Drawing Number	
Location VAMC Sheridan, WY		Project Number 666-14-81IS		Date June 10, 2014				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. 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 the 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.

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

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

ELECTRIC DISTRIBUTION STANDARDS

SCALE: 1/2" = 1'
 DRAWING NO: 19-803

Project Title	WTP Generator, Propane and ATS		
Drawing Title	Details for Concrete		
Location	Project Number	Date	Office of Facilities Management
VAMC Sheridan, WY	666-14-81IS	June 10, 2014	Department of Veterans Affairs
			Dwg 4 of 4