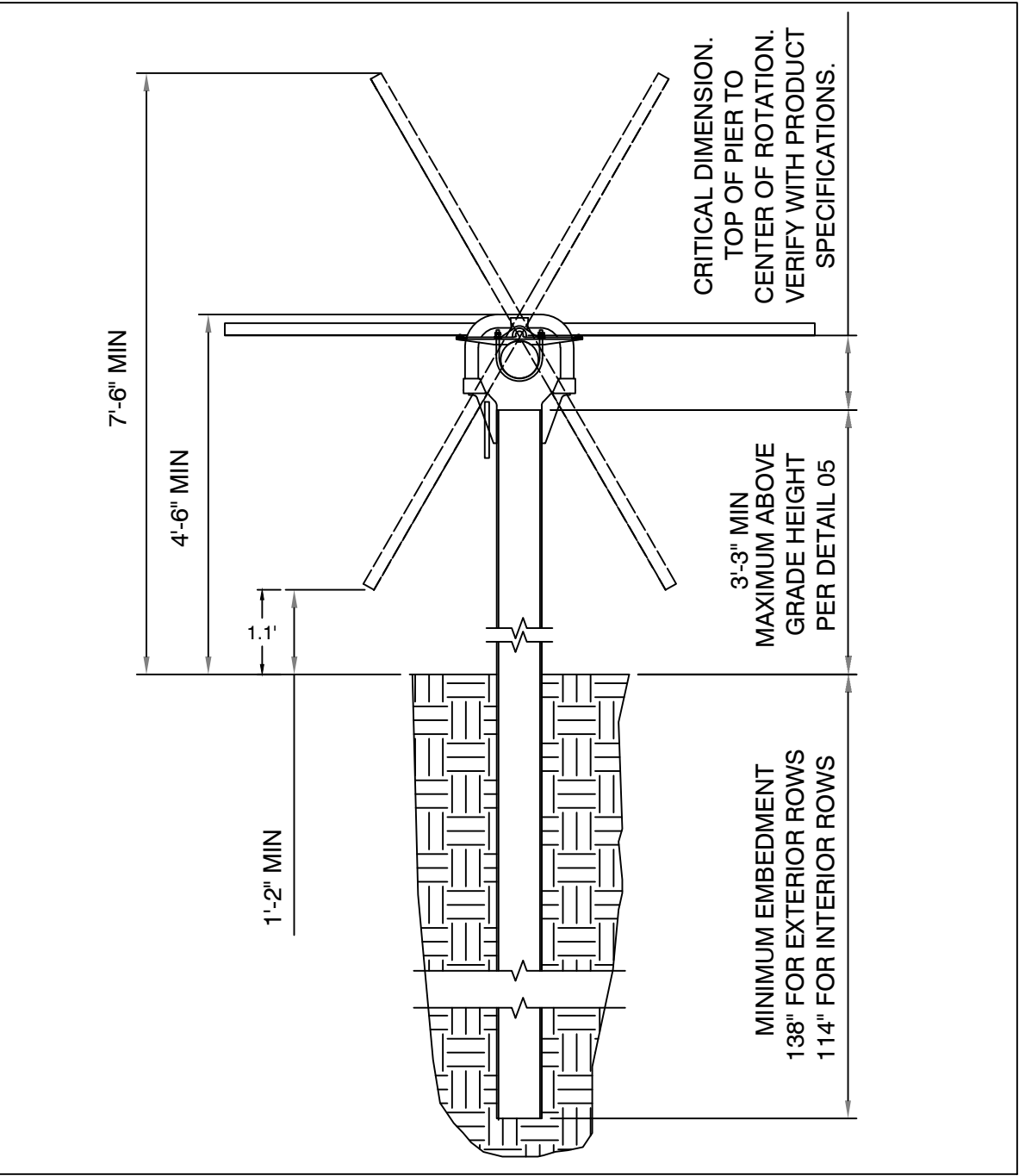


SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	7,001.12 kW
SYSTEM SIZE AC	5,000.00 kW
DC/AC RATIO	1.400
MODULE MODEL	JKM380M-72H
MODULE RATING	380 W
TOTAL MODULE QTY	18,424
MODULES PER STRING	28
TOTAL NO. OF STRINGS	658
INVERTER MODEL	SUNGROW SG125HV
INVERTER RATING	125 kW
INVERTER QTY	40
STEP-UP TRANSFORMER	(2)12kV/600V, 2500kVA
RACKING	ATI HSAT
# OF 56 MODULE RACKS	62
# OF 84 MODULE RACKS	178
INTER-ROW SPACING	13.2'
PITCH	19.8°
GCR	33%
SITE AREA INSIDE FENCE	35.00 Ac

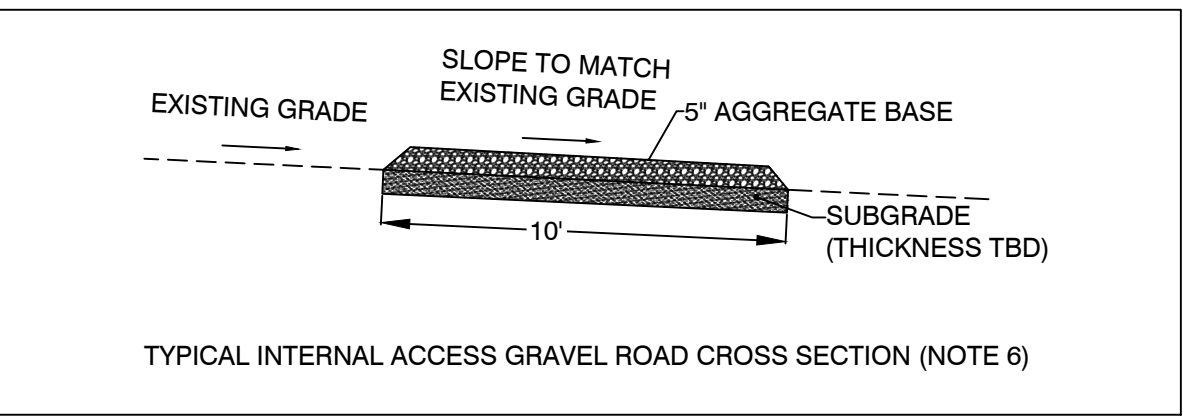
PROJECT SETBACKS	
	LAKE HERMAN SOLAR
FRONT	20'
REAR	20'
SIDE	20'
STREAMS	25'

LEGEND	
	ATI 84 MODULE TRACKER ROW
	ATI 56 MODULE TRACKER ROW
	POWER STATION (TYP. OF 2) - (1) MV TRANSFORMER, (1) DAS, (1) WEATHER STATION
	EQUIPMENT RACK (TYP. OF 10) - (4) SUNGROW 125kW STRING INVERTER, (1) 600A MLO PANEL
	20' WIDE SITE ACCESS GRAVEL ROAD
	12' WIDE PERIMETER DIRT ROAD
	(E) WETLAND
	PUBLIC ROAD
	HIGH SLOPE AREAS
	UNEVEN SLOPE AREAS
	VEGETATIVE SCREEN
	PROPERTY LINE
	PROPERTY LINE
	SETBACK
	(E) OH LINES
	OVERHEAD MV CABLE
	UNDERGROUND MV CABLE

- GENERAL NOTES**
- REFER TO SINGLE LINE DIAGRAM FOR DETAILS.
 - INSTALLATION TO COMPLY WITH NEC 2014 ARTICLE 690 AND ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES OR REGULATIONS.
 - EQUIPMENT SHALL BE LABELED PER NEC 690 AND UTILITY REGULATIONS.
 - 20' ACCESS ROADS SHALL BE DESIGNED TO ACCOMMODATE ALL CONSTRUCTION, OPERATIONS, MAINTENANCE, AND UTILITY TRAFFIC THROUGHOUT THE SITE.
 - DIMENSIONS TO PROPERTY LINES AND EXISTING FEATURES ARE APPROXIMATE PENDING SURVEY.
 - THE CROSS SECTION OF THE PROPOSED 10 FT WIDE ROAD WILL MATCH THE EXISTING GRADE, WHICH SLOPES TOWARD THE PERIMETER FENCE. ROAD CROSS SECTIONS WILL BE DESIGNED TO DRAIN TOWARDS THE FENCE. FINAL CIVIL DESIGN WILL SPECIFY THE PROPOSED GRADES.
 - ALL DRIVE AISLES WILL COMPLY WITH BMC CHAPTER 17.74.

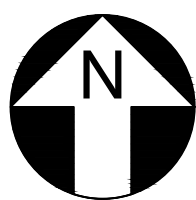


2 RACKING ELEVATION
SCALE:NTS



3 GRAVEL ROAD CROSS SECTION
SCALE:NTS

1 ARRAY PLAN
SCALE:1"=100'



LAKE HERMAN SOLAR

LAKE HERMAN RD,
BENICIA, CA 94510, USA

LAT: 38.097075°
LON: -122.141678°

0	FOR UTILITY APPLICATION	09/18/19
REV. NO.	DESCRIPTION	DATE

SHEET TITLE:

PRELIMINARY LAYOUT

DRAWING NO.:

PV-100

DRAWN BY:

LR

REVIEWED BY:

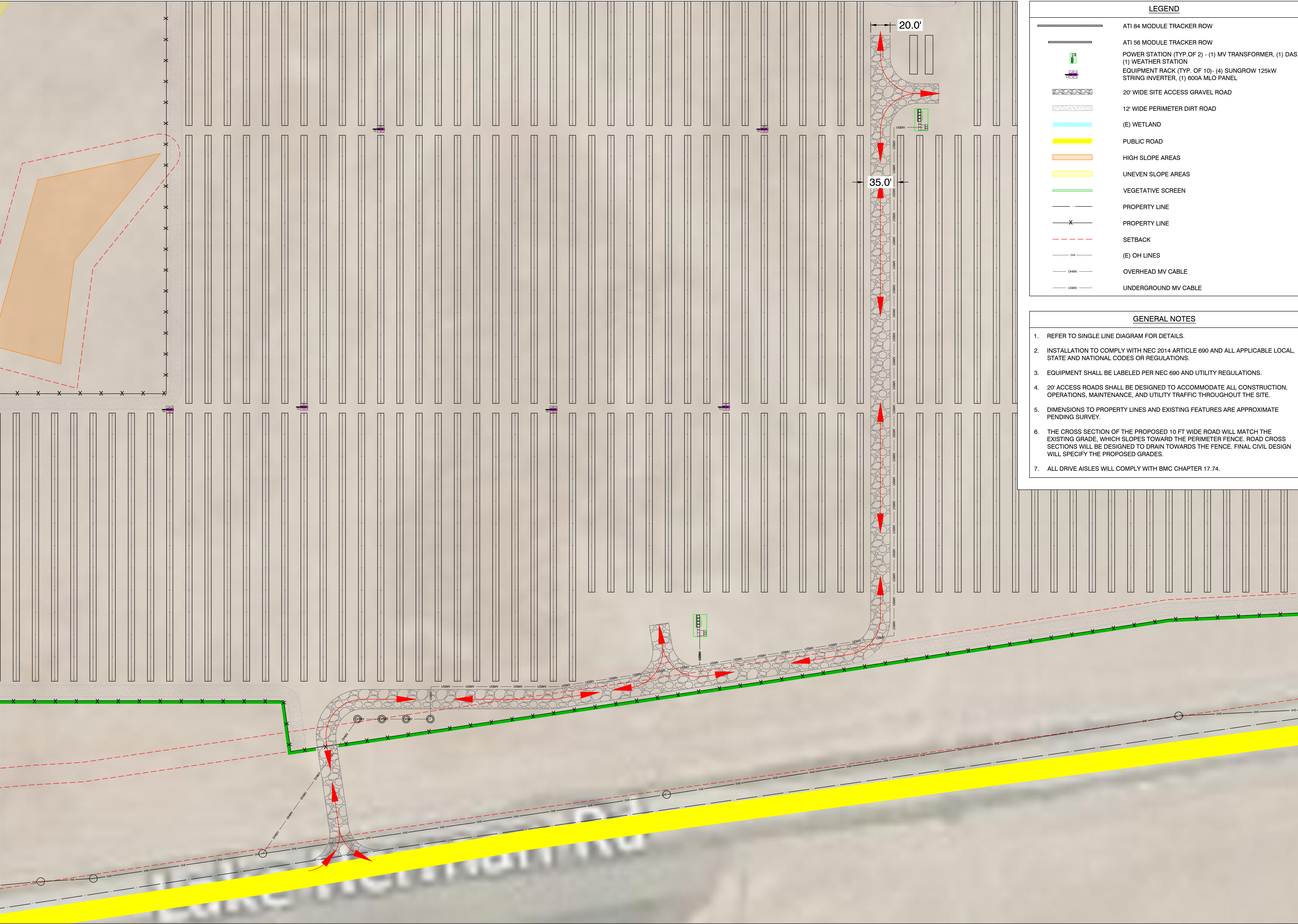
DATE:

09/17/19

SCALE:

AS SHOWN

PROJECT NO.:



1 CIRCULATION PLAN FOR VEHICLES
SCALE: 1"=45'



LAKE HERMAN
SOLAR

LAKE HERMAN RD,
BENICIA, CA 94510, USA

LAT: 38.097075°
LON: -122.141678°

REV. NO.	DESCRIPTION	DATE
0	FOR UTILITY APPLICATION	09/18/19

SHEET TITLE:

CIRCULATION PLAN
FOR VEHICLES

DRAWING NO.:

PV-101

DRAWN BY:

LR

REVIEWED BY:

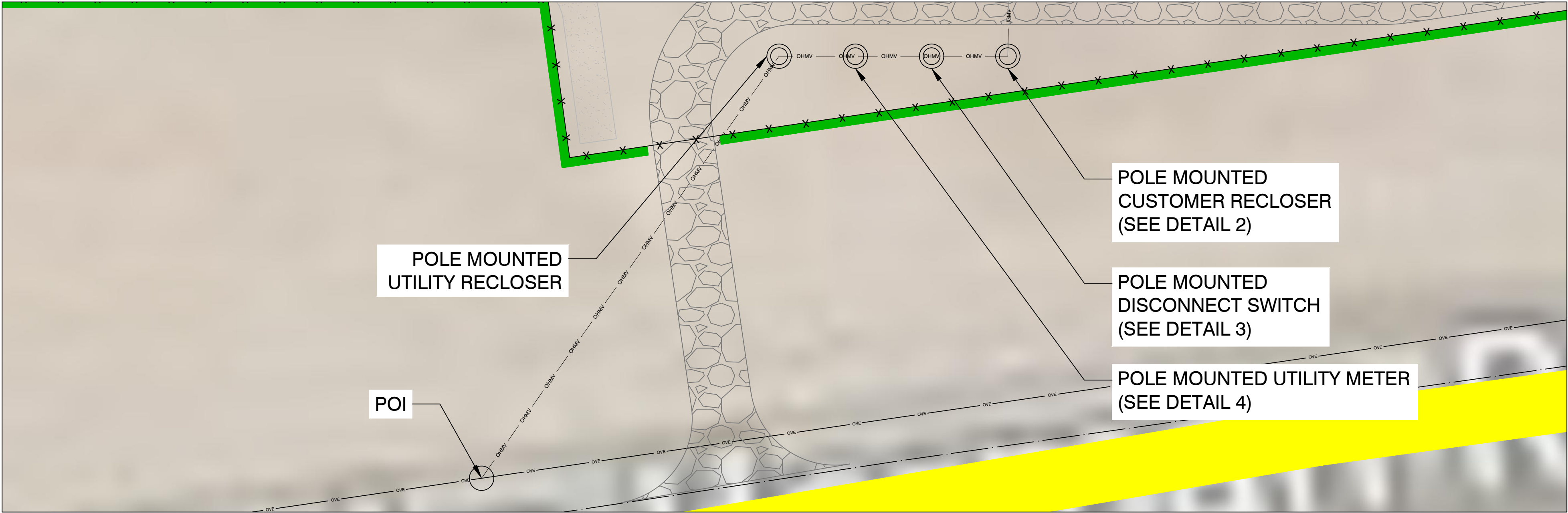
DATE:

09/17/19

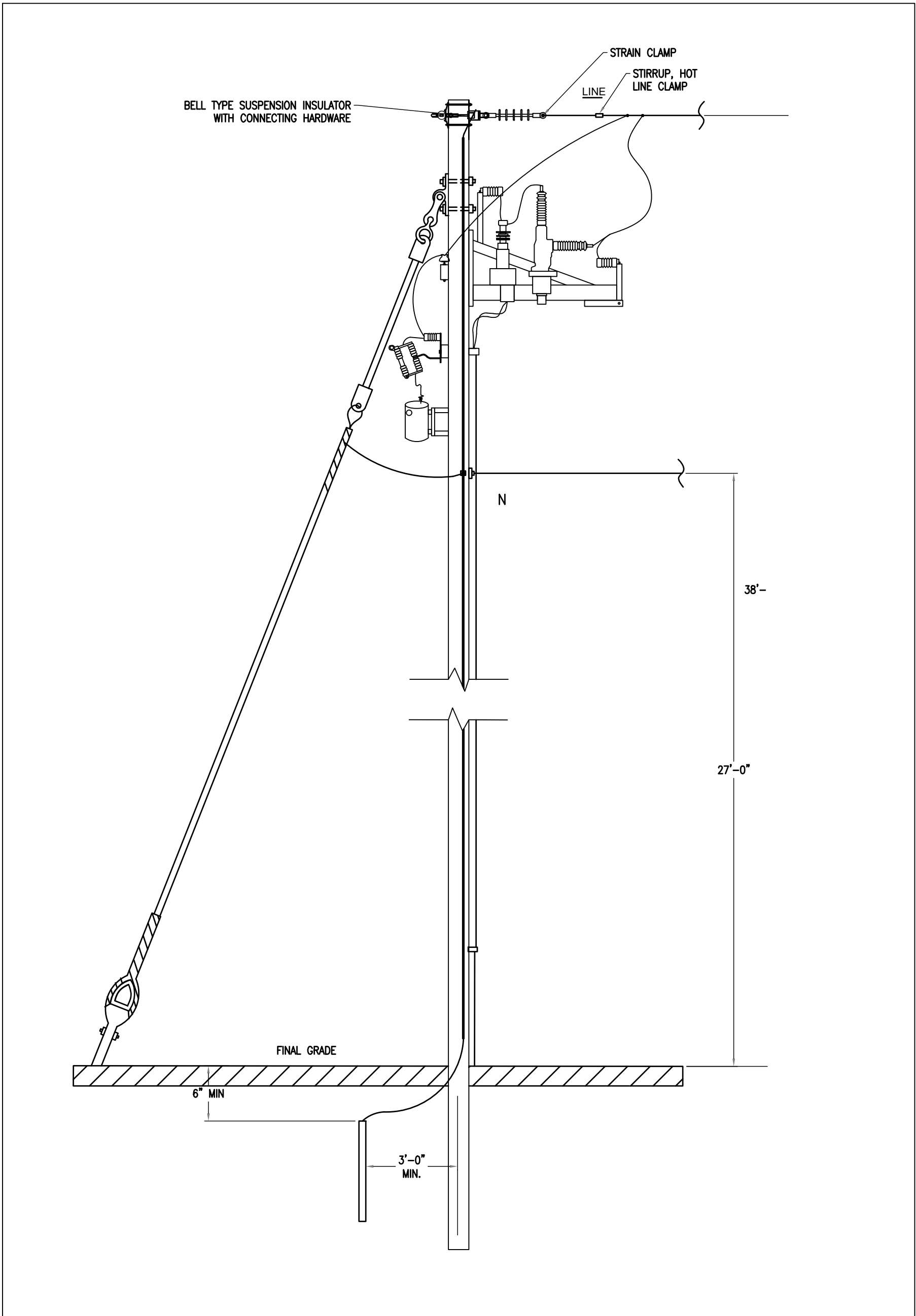
SCALE:

AS SHOWN

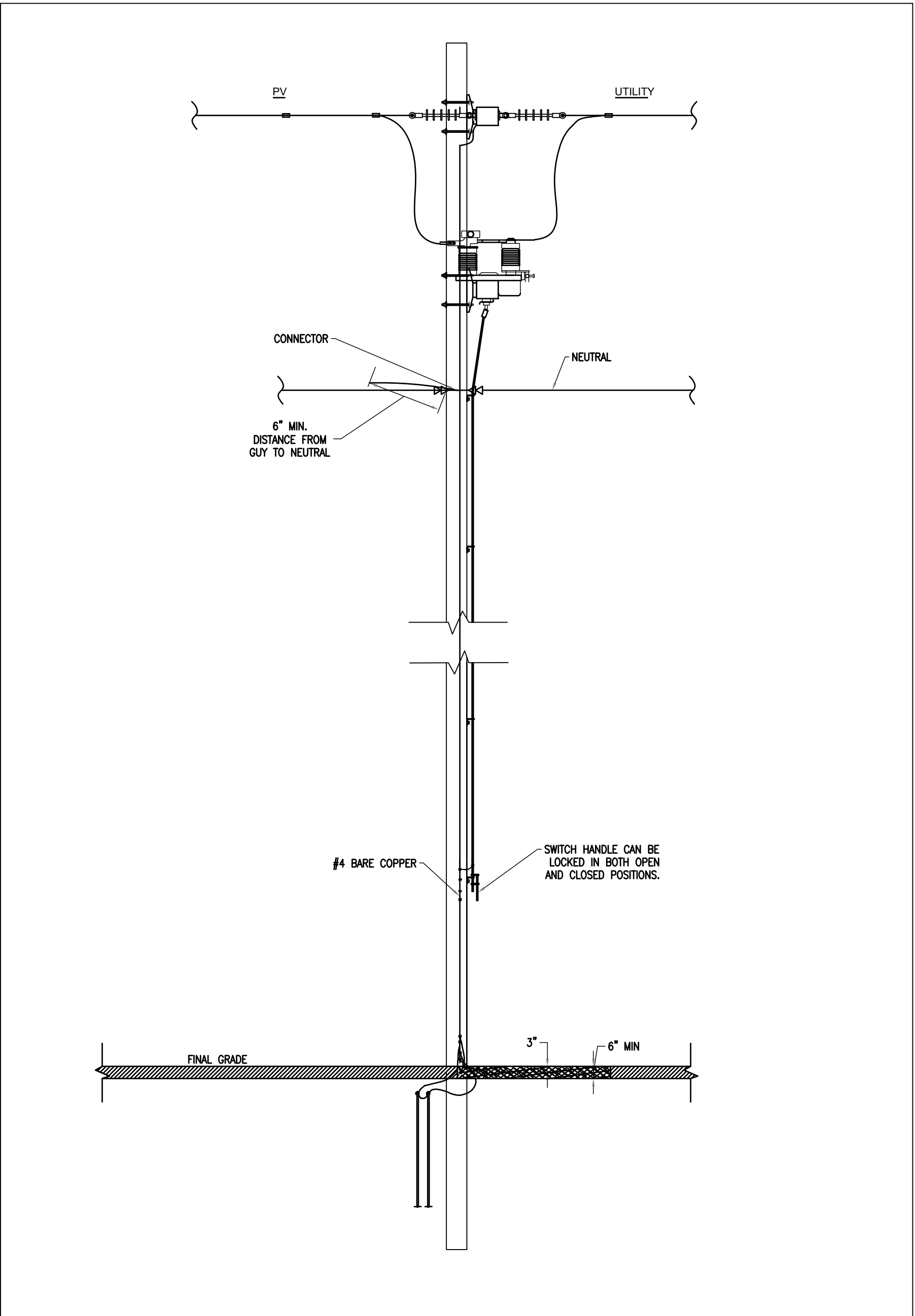
PROJECT NO.:



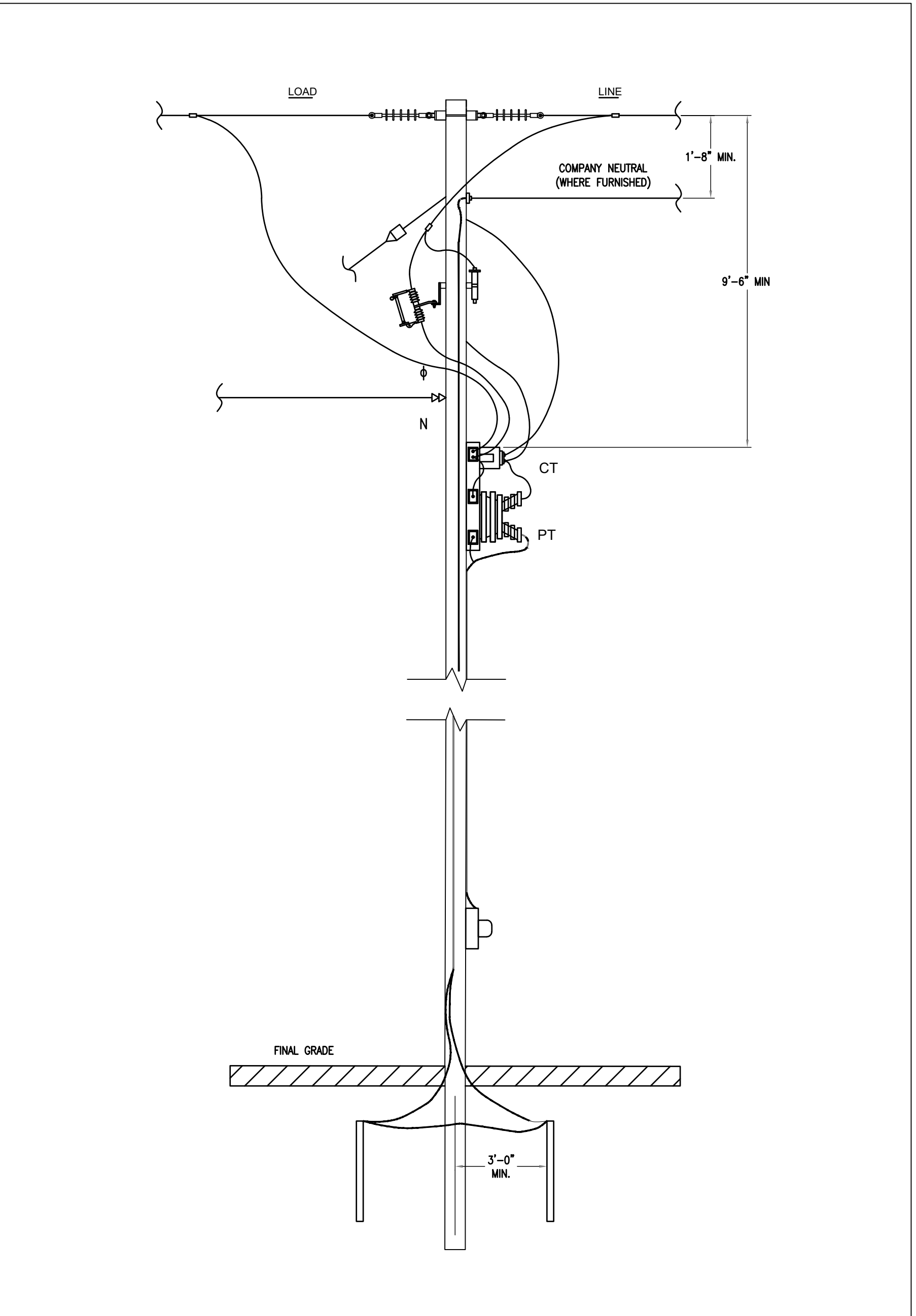
1 INTERCONNECTION DETAILS
SCALE: NTS



2 RISER POLE WITH CUSTOMER RECLOSER
SCALE: NTS



3 DISCONNECT SWITCH
SCALE: NTS



4 REVENUE METER
SCALE: NTS



LAKE HERMAN
SOLAR

LAKE HERMAN RD,
BENICIA, CA 94510, USA

LAT: 38.097075°
LON: -122.141678°

REV. NO.	DESCRIPTION	DATE
0	FOR UTILITY APPLICATION	09/18/19

SHEET TITLE:

INTERCONNECTION
DETAILS

DRAWING NO.:

PV-102

DRAWN BY:

LR

REVIEWED BY:

DATE:

09/17/19

SCALE:

AS SHOWN

PROJECT NO.: