



OPTI CONTROL PANEL DETAILS NOTES:

OPTI CERTIFIED HARDWARE

CONTACT OPTI SALES AT [HTTPS://OPTIRTC.COM/CONTACT/](https://optirtc.com/contact/) OR (844) 678-4782 EXT. 3 FOR OPTI CERTIFIED HARDWARE

1. OPTI SPECIFIED EQUIPMENT (TO BE PROCURED THROUGH OPTI):

- 1.1. 22 IN. X 18 IN. X 10 IN. NEMA 4X CABINET WITH CELLULAR ANTENNA AND CHANNEL STRUT MOUNTING CLIPS
- 1.2. SOLAR PANEL KIT AND MOUNTING HARNESS
- 1.3. POLYWATER FOAM DUCT SEALANT (SENT WITH OPTI CONTROL PANEL)

ALL OTHER HARDWARE AND EQUIPMENT

- 2. GALVANIZED STEEL CHANNEL STRUT TO BE BOLTED TO SUPPORT POLE USING GALVANIZED STEEL CHANNEL STRUT PIPE CLAMPS. CONTROL PANEL TO BE BOLTED TO CHANNEL STRUT (CHANNEL STRUT MOUNTING CLIP TO BE SHIPPED WITH CONTROL PANEL). PANEL TO BE MOUNTED MINIMUM 3 FT. FROM GROUND.
- 3. ALL CONDUIT PENETRATIONS ARE TO BE IP68 RATED AND SEALED WITH POLYWATER FOAM DUCT SEALANT. SEE ELECTRICAL DIAGRAM FOR CABLE AND CONDUIT SPECIFICATION.
 - 3.1. ALL RIGID AND FLEXIBLE CONDUIT TO BE PROCURED BY CONTRACTOR
- 4. ALL EQUIPMENT TO BE GROUNDED TO CONTROL PANEL GROUNDING LUGS. OPTI CONTROL PANEL TO BE GROUNDED TO A GROUNDING ROD, GALVANIZED STEEL POLE, OR CONCRETE-ENCASED GROUNDING ELECTRODE. (SEE ELECTRICAL DIAGRAM AND GROUNDING ROD DETAIL).
- 5. SOLAR PANELS TO BE MOUNTED FACING SOUTH AT 45° FROM THE MOUNTING POLE.

2 V3 OPTI CONTROL PANEL DETAIL
1 SOLAR POWER (POLE MOUNTED)

	OPTIRTC, INC. 98 NORTH WASHINGTON ST. SUITE 210 BOSTON, MA 02114 (844) 678-4782	OPTI V3 CONTROL PANEL (SOLAR POWERED)	
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