



CIRCUIT DETAIL

VIEW A-A

MATERIAL LIST

Item	Qty.	Description
1	1	Class 3 Wood Pole Fully Treated - 25' Min. (See General Spec's)
2	1	Eye Bolt
3		3 Wire 240/480 V. A.C. By Utility Co.
4		Down Guy - Install Where Service Drop Exceeds 100'
5	1	Photo Electric Cell, Mount On Cabinet Facing North Per Mount "A", T.S. 15-5
6	3	# 6 THW Wire - 2 Black - 1 White
7	1	1 1/2" Service Entrance Cap And Rigid Galv. Steel
9		Conduit Clamps As Required
10		60 Amp. Lighting Relay With Dual Element Fuses
11		1/4" Galv. Nut, Bolt, And Washer
12	1	Raintight Tee Vent
13	1	3/4" Med. Density Plywood Backing Board
14	1	Meter And 5 Terminal Safety Socket Trough When Req'd. On Plans
15		Nipple - Required Only When Meter Is Not Used
16	1	Type I Load Center Cabinet - See T.S. 3-1, Type 1-2
17	1	600 V. NEMA 3R Safety Switch w/ 60 Amp. Dual Element Fuses
18		Screen Vent
19		Rigid Galv. Steel Conduit - See Conductor Schedule On Plans
20		1/2" Rigid Galv. Steel Conduit
21		No. 8 AWG Bare Wire
22	1	5/8" Ø x 10' Copper Clad Ground Rod With Clamp
23	1	Pull Box
24		Galv. Steel Insulated Grounding Conduit Bushing
25		Conduit End Bell
26	1	3/8" Bolt Thru Pole, Board(s), And Strap
27		1" x 1/8" Galv. Steel Strap
28		Approved P.V.C. Tape

NOTES:

- All components for 240/480 Volt circuits shall be rated for 600 Volts operation. All other components shall be rated for 250 Volt operation.
- See T.S. 3-15 for details on jack-mounted components.
- Typical component installations are shown. Omit individual components not required but leave space for future component installation.
- 1 1/2" Rigid galvanized steel conduit and approved fittings required only when meter is used.
- Center of meter shall be a minimum of 5' to a maximum of 6' above ground level.
- Typical installation - consult utility and local codes for specific requirements.

DESIGN APPROVED <i>Carlin Brown</i> 7/24/85	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD DRAWINGS	REV.
APPROVED FOR DISTRIBUTION <i>[Signature]</i>	240/480 V. SERVICE WITH CONTROL ENCLOSURE	DRAWING NO. T.S. 15-4