



CIRCUIT DETAIL

VIEW A - A

NOTE:  
The Contractor Shall Consult The Utility Co. To Establish And Install The Proper Ampere Interruption Capacity Breakers For Each Individual Installation.

MATERIAL LIST

Item	Qty.	Description
1	1	Class 3 Wood Pole Fully Treated-25' Min. (See Gen. Specs.)
2	1	Eye Bolt
3		3 Wires 120/240 V. A.C. By Utility Co.
4		Down Guy-Install Where Service Drop Exceeds 100', Or As Directed by Engineer.
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
8	1	1 1/2" Service Entrance Cap
9		Conduit Clamps As Required
10		60 Amp. Lighting Relay With Dual Element Fuses
11		1 1/2" Rigid Galv. Steel Conduit
12	1	3/4" Med. Density Plywood Backing Board.
13		Meter And Socket When Required by Plans
14		Nipples As Required
15	1	Type I Load Center Cabinet-See T.S. 3-1, Type I-1.
16	1	250 V. NEMA 3R Multi-Breaker- 60 Amp. Cap.
17		Rigid Galv. Steel Conduit-See Conductor Schedule On Plans
18		1/2" Rigid Galvanized Steel Conduit
19		No. 8 AWG Bare Wire.
20	1	5/8" Ø 10' Copper Clad Ground Rod With Clamp.
21	1	Pull Box
22		Conduit End Bell
23		Galv. Steel Insulated Grounding Conduit Bushing
24		1/4" Galv. Nut, Bolt And Washer
25	1	3/8" Bolt Thru Pole, Board And Strap
26		1" x 1/8" Galv. steel Strap

NOTES:

- All components shall be rated for 250 Volt operation.
- Typical component installations are shown. Omit individual components not required, but leave space for future component installation.
- See T.S. 3-15 for details on jack-mounted components.
- Typical installation-consult utility concerned and local codes for specific requirements.
- All underground rigid galvanized steel conduit shall be wrapped with an approved P.V.C. tape.

DESIGN APPROVED <i>Carlin Brown</i> 7/25/85	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD DRAWINGS	REV.
APPROVED FOR DISTRIBUTION <i>P. J. [Signature]</i>	120/240 V. SERVICE WITH CONTROL ENCLOSURE	DRAWING NO. T.S. 15-2