
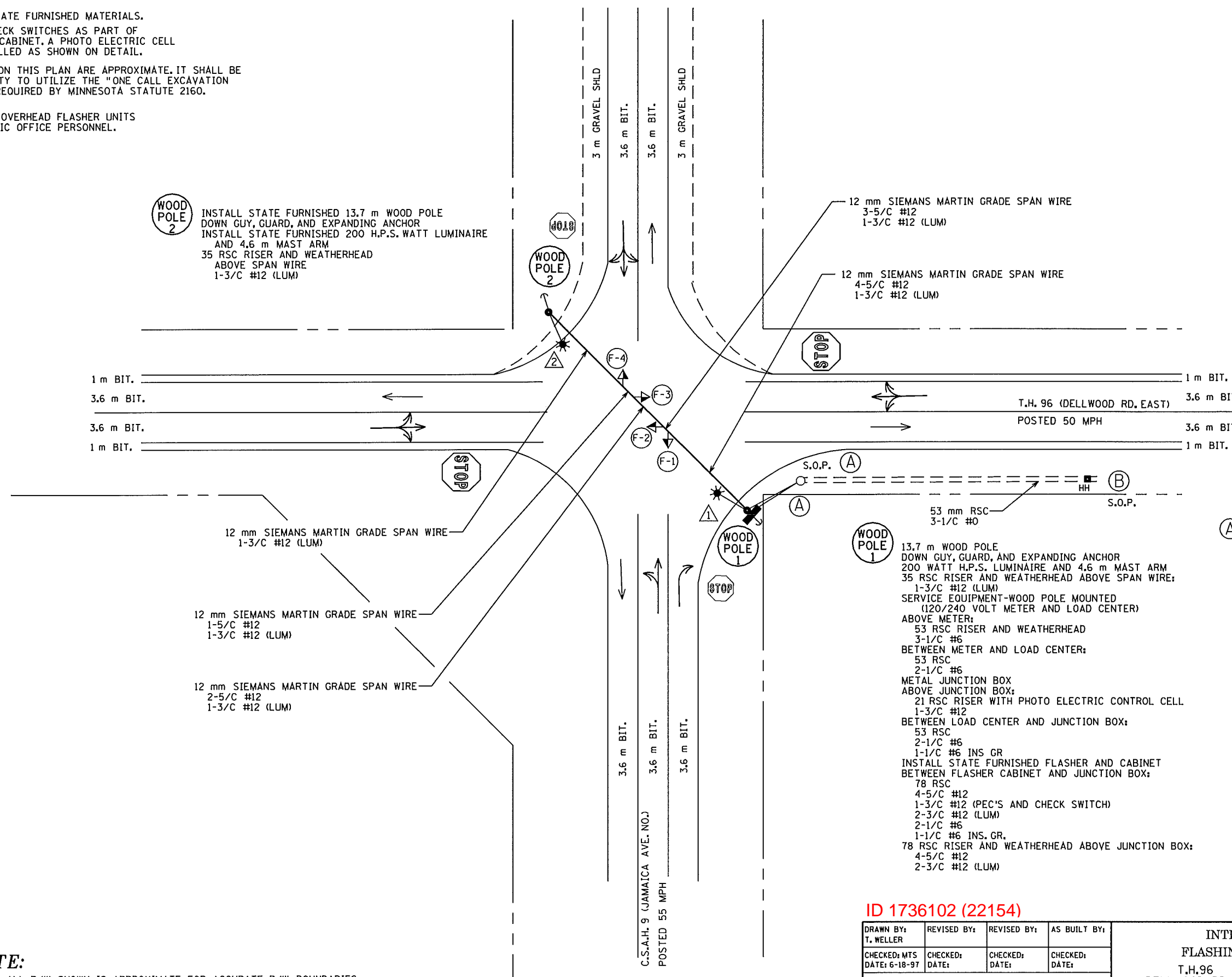
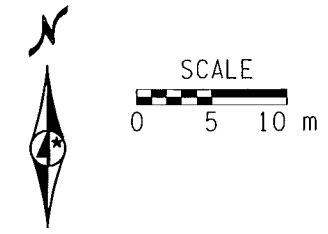


NOTE:

- 1) SEE SPECIAL PROVISIONS FOR STATE FURNISHED MATERIALS.
- 2) THE LUMINAIRES SHALL HAVE CHECK SWITCHES AS PART OF THE STATE FURNISHED FLASHER CABINET. A PHOTO ELECTRIC CELL SHALL BE FURNISHED AND INSTALLED AS SHOWN ON DETAIL.
- 3) ALL UTILITY LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO UTILIZE THE "ONE CALL EXCAVATION NOTICE SYSTEM" (PH.454-0002) REQUIRED BY MINNESOTA STATUTE 2160.
- 4) EXACT LOCATION OF POLES AND OVERHEAD FLASHER UNITS SHALL BE DETERMINED BY TRAFFIC OFFICE PERSONNEL.

 = STOP SIGN



WOOD POLE 2
 INSTALL STATE FURNISHED 13.7 m WOOD POLE DOWN GUY, GUARD, AND EXPANDING ANCHOR
 INSTALL STATE FURNISHED 200 H.P.S. WATT LUMINAIRE AND 4.6 m MAST ARM
 35 RSC RISER AND WEATHERHEAD ABOVE SPAN WIRE
 1-3/C #12 (LUM)

WOOD POLE 1
 13.7 m WOOD POLE DOWN GUY, GUARD, AND EXPANDING ANCHOR
 200 WATT H.P.S. LUMINAIRE AND 4.6 m MAST ARM
 35 RSC RISER AND WEATHERHEAD ABOVE SPAN WIRE:
 1-3/C #12 (LUM)
 SERVICE EQUIPMENT-WOOD POLE MOUNTED (120/240 VOLT METER AND LOAD CENTER)
 ABOVE METER:
 53 RSC RISER AND WEATHERHEAD
 3-1/C #6
 BETWEEN METER AND LOAD CENTER:
 53 RSC
 2-1/C #6
 1-1/C #6 INS GR
 INSTALL STATE FURNISHED FLASHER AND CABINET BETWEEN FLASHER CABINET AND JUNCTION BOX:
 78 RSC
 4-5/C #12
 1-3/C #12 (PEC'S AND CHECK SWITCH)
 2-3/C #12 (LUM)
 2-1/C #6
 1-1/C #6 INS. GR.
 78 RSC RISER AND WEATHERHEAD ABOVE JUNCTION BOX:
 4-5/C #12
 2-3/C #12 (LUM)

B S.O.P.
 INPLACE WOOD POLE WITH 120/240 VOLT INPLACE POWER COMPANY TRANSFORMER
 120/240 VOLT DISCONNECT - WOOD POLE MOUNTED
 ABOVE DISCONNECT TO INPLACE POWER COMPANY SERVICE CABLES:
 53 mm RSC RISER AND WEATHERHEAD
 3-1/C #0
 BELOW DISCONNECT TO HH :
 53 mm RSC RISER
 3-1/C #0

A INPLACE POWER COMPANY WOOD POLE
 53 mm RSC RISER AND WEATHERHEAD TO HH :
 3-1/C #0

A S.O.P.
 INPLACE WOOD POLE WITH INPLACE 120/240 VOLT TRANSFORMER

NOTE:

ALL R/W SHOWN IS APPROXIMATE. FOR ACCURATE R/W BOUNDARIES REFER TO R/W PLAT DRAWINGS OR CONSULT R/W OFFICE.

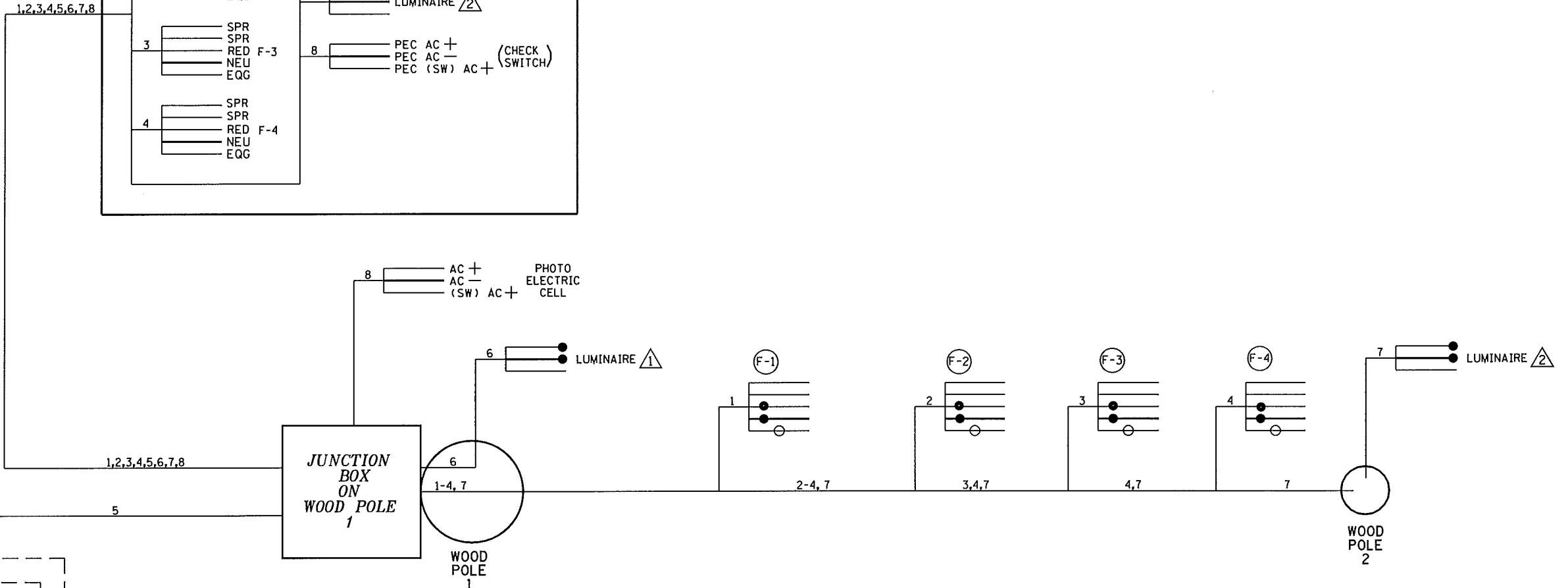
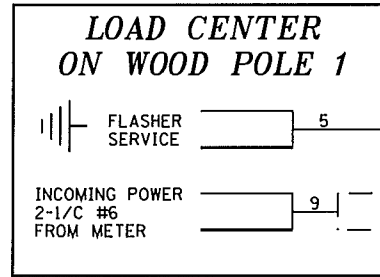
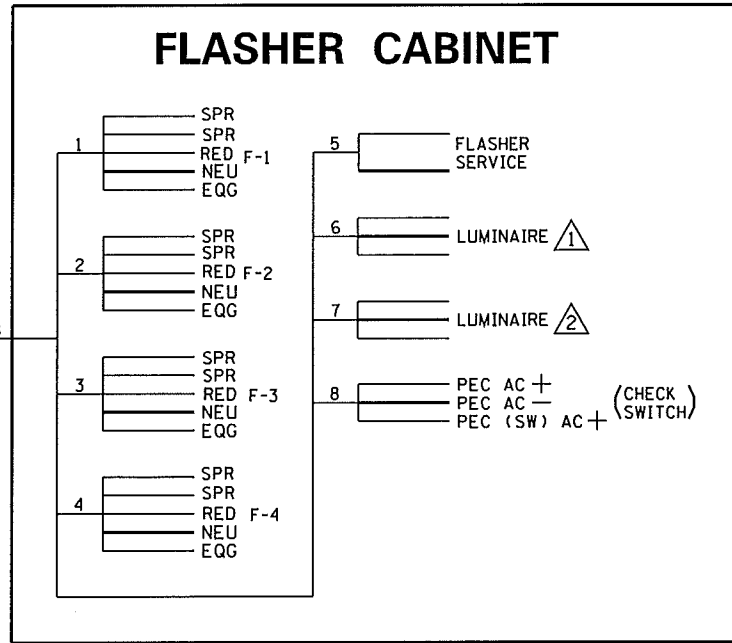
FLASHING BEACON SYSTEM OPERATION
 - NORMAL OPERATION IS FLASHING RED IN ALL DIRECTIONS.

ID 1736102 (22154)

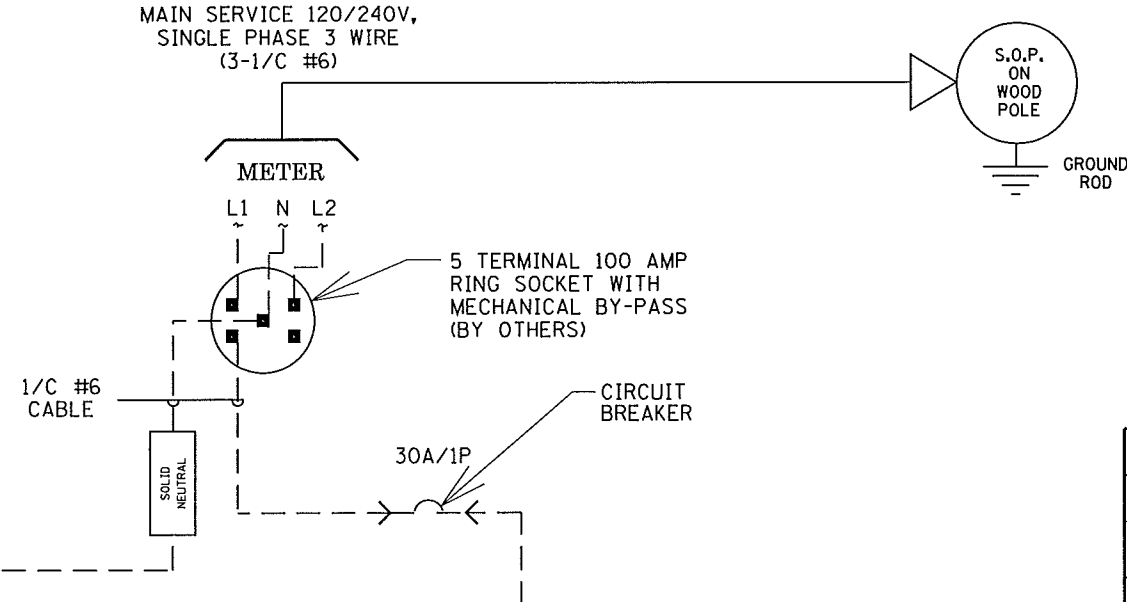
DRAWN BY: T. WELLER	REVISED BY:	REVISED BY:	AS BUILT BY:	INTERSECTION LAYOUT FLASHING BEACON SYSTEM B T.H.96 T.H. (DELLWOOD RD. E.) AT C.S.A.H. 9 (JAMAICA AVE. NO.) IN GRANT TOWNSHIP, WASHINGTON COUNTY
CHECKED: MTS DATE: 6-18-97	CHECKED: DATE:	CHECKED: DATE:	CHECKED: DATE:	
SYSTEM I.D.: 22154				
METER ADDRESS:				
STATE AID PROJECT:				REG. NO. 23745 DATE 6/18/27
CERTIFIED BY: <i>Michael Soladsky</i> PROFESSIONAL ENGINEER				



FLASHER CABINET



MAIN SERVICE 120/240V, SINGLE PHASE 3 WIRE (3-1/C #6)



CONDUCTOR COLOR CODING

R	R		
O	O		
BL	BL	5/C#12	
WH	WH		
R/BLK	R		
O/BLK	WH	3/C#12	
BL/BLK	BLK		
WH/BLK	R OR O		
BLK	WH OR YEL	3/C#20	
BLK/WH	BLK OR BL		
G/BLK			
G			
BLK	BLK		
2-1/C#6	CLEAR	2/C#14	
WH			

NOTE: ALL TERMINAL BLOCK CONNECTIONS SHALL BE ARRANGED AS SPECIFIED ABOVE

DRAWN BY: T. WELLER	REVISED BY:	REVISED BY:	AS BUILT BY:
CHECKED: MTS DATE: 6-18-97	CHECKED: DATE:	CHECKED: DATE:	CHECKED: DATE:
SYSTEM I.D.: 22154			
METER ADDRESS:			
STATE AID PROJECT:			

FIELD WIRING DIAGRAM
FLASHING BEACON SYSTEM B
 T.H.96
 T.H. (DELLWOOD RD. E.) AT C.S.A.H. 9 (JAMAICA AVE. NO.)
 IN GRANT TOWNSHIP, WASHINGTON COUNTY



CERTIFIED BY *Michael F. Schaefer* REG. NO. 23745 DATE 6/18/97
 PROFESSIONAL ENGINEER