

NOTES:

⊗ = TWISTED WIRES
INSULATED 1 TWIST PER FT.
ALL TRACK WIRES 2C. #6

TRANSMITTER AND RECEIVER LEADS
TO BE SEPARATED BY AT LEAST 12" IN TRENCH,
LENGTHS SHOULD NOT EXCEED MANUFACTURER'S
RECOMMENDATION.

TOP OF FOUNDATION TO BE AT SAME ELEVATION
AS THE SURFACE OF THE TRAVELED WAY & NO
MORE THAN 4" ABOVE THE SURFACE OF THE GROUND.

ALL BUNGALOW WIRING TO BE #16 AWG FLEX
UNLESS OTHERWISE SPECIFIED EXCEPT ALL GROUND
WIRE TO BE #6 AWG FLEX OR LARGER.

ALL WIRING IN GATE MECHANISM TO BE #10 "AWG FLEX".
REFER TO UP STANDARD DWG FOR BUNGALOW GROUNDING.

PORTABLE GENERATOR EXTENSION CORD
FOR 240V TO 240V IS PROVIDED AS WELL
AS A 120V TO 240V ADAPTER.

ALL LIGHTS TO BE 12" ROUNDELS.

==== 4" X 60' CONDUIT

LIGHTS: LED LIGHTS

GATE "A": 30' PED GATE "E": 10'
GATE "B": 30' PED GATE "F": 10'
CANT "C": 24' PED GATE "G": 10'
CANT "D": 24' PED GATE "H": 10'

xx = BELL

⊗ = HXP TO OPERATE IN SEMI-BI
DIRECTIONAL MODE.

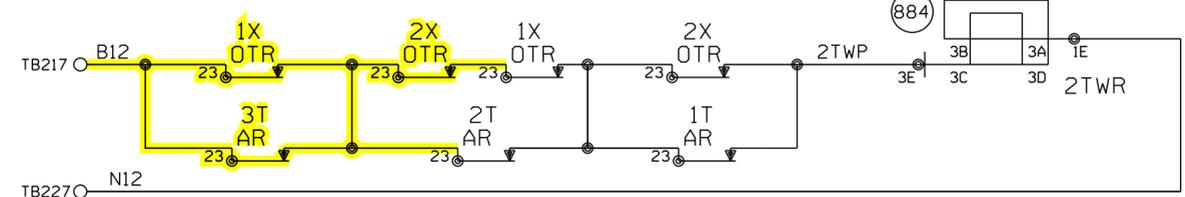
△ = ENSURE TRACK POLARITY IS
TRANSPosed ACROSS ALL
INSULATED JOINTS.

TRK 1 ISLAND DISTANCE 153' MINIMUM 120' REQUIRED

TRK 2 ISLAND DISTANCE 153' MINIMUM 120' REQUIRED

TRK 3 ISLAND DISTANCE 153' MINIMUM 120' REQUIRED

PREFERRED ISLAND WIRE CONNECTIONS
ARE A MINIMUM 50' FROM EDGE OF ROAD



OFFSET AND ISLAND DISTANCES
TO BE VERIFIED BY FIELD

CONSTRUCTION NOTES:

- ALL NEW TO THIS SHEET IS YELLOW.
- UPDATE ALL TO CURRENT STANDARD
- TRACK FORCES WILL CONNECT THE
NEW TRACK #3 TO EXISTING TRACK #2
WEST OF THE POINT OF SWITCH AT M.P. 11.00.
- FIELD VERIFY ALL SHUNT PLACEMENTS MEET
PROPER APPROACH DISTANCES AS SHOWN.

REDRAWN

| | | | | | | |
|---|-------------------------------|----|---|----------------|---|-------------|
| Designed: 4/29/16 INSTALL 3RD MAIN TR. 25TH TO VALE Rec'd: 15/16 W0: 31881 ATG/JVV | MODIFICATION LEVEL | | CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN | Date: 04/29/16 | UNION PACIFIC RAILROAD MELROSE PARK, IL 19TH AVENUE GENEVA SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska | Sh.: 1 |
| | O. A. LAST LEVEL CHECKED | DU | | Des: ATG | | DOT 174009S |
| | LAST LEVEL MOD THIS TYPICAL | DU | Chk: | MP: 11.38 | | |
| | LAST LEVEL BY DESIGNER | DU | AFE: 31881 | ID: GEN1138.1X | | |
| | CHANGED FROM TYPICAL? | Y | | | | |
| | REV 01.24.11 4K 2TUCGTYP.1 | | | | | |