

SCHOOL FLASHER SPAN DETAIL



Type XI - Fluorescent Yellow-Green

Type XI - White

S5-1

24" X 48" or 36" X 72"
(see Special Note for size)
.125 GA. ALUM

Special Note:

Size of sign shall be noted on the plan sheet.

36" X 72" for four or more lanes with normal posted
speed of 40 mph or greater.
24" X 48" for all other conditions.

12" YELLOW FLASHER BEACONS

GALVANIZED U-BOLTS

SIGN, S5-1

THE BOTTOM HEIGHT OF THE LOWER SIGNAL FACE HOUSING SHALL NOT
BE LESS THAN 17 FEET ABOVE THE PAVEMENT GRADE OF THE CENTER
OF THE ROADWAY. THE TOP HEIGHT OF THE UPPER SIGNAL FACE
HOUSING SHALL NOT BE MORE THAN 26 FEET ABOVE THE PAVEMENT
GRADE OF THE CENTER OF THE ROADWAY.

SPECIAL NOTE:
DISCONNECTS (SAFETY SWITCH) AND METER BASE
SHALL BE UL RATED FOR COMMERCIAL USE.
DISCONNECTS (SAFETY SWITCH) AND METER BASE
SHALL BE ALUMINUM ENCLOSURE. THE CONTRACTOR
SHALL BE RESPONSIBLE TO CALCULATED THE
MAXIMUM AVAILABLE FAULT CURRENT FOR THE
SERVICE EQUIPMENT THAT IS INSTALLED. THE
CONTRACTOR SHALL SUPPLY A STICKER THAT WILL
BE INSTALLED IN THE DISCONNECT WITH THE
SYMMETRICAL RMS AMPERES AND THE DATE THAT
THIS FAULT CURRENT IS CALCULATED. THE STICKER
SHALL BE 4" LONG AND 4" WIDE AND BE METALCRAFT
PLY425 PREM STYLEMARK LABEL (OR APPROVED EQUAL)
WITH .007 THICKNESS, WITH UV WHITE POLYCARBONATE
MATERIAL, AND WITH MC778 PRESSURE SENSITIVE
ADHESIVE OR APPROVED EQUAL.

GROUNDING REQUIREMENTS:

CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR
TESTING PRIOR TO CONNECTING THE WIRE TO ANY DISCONNECT, CABINET OR POLE.

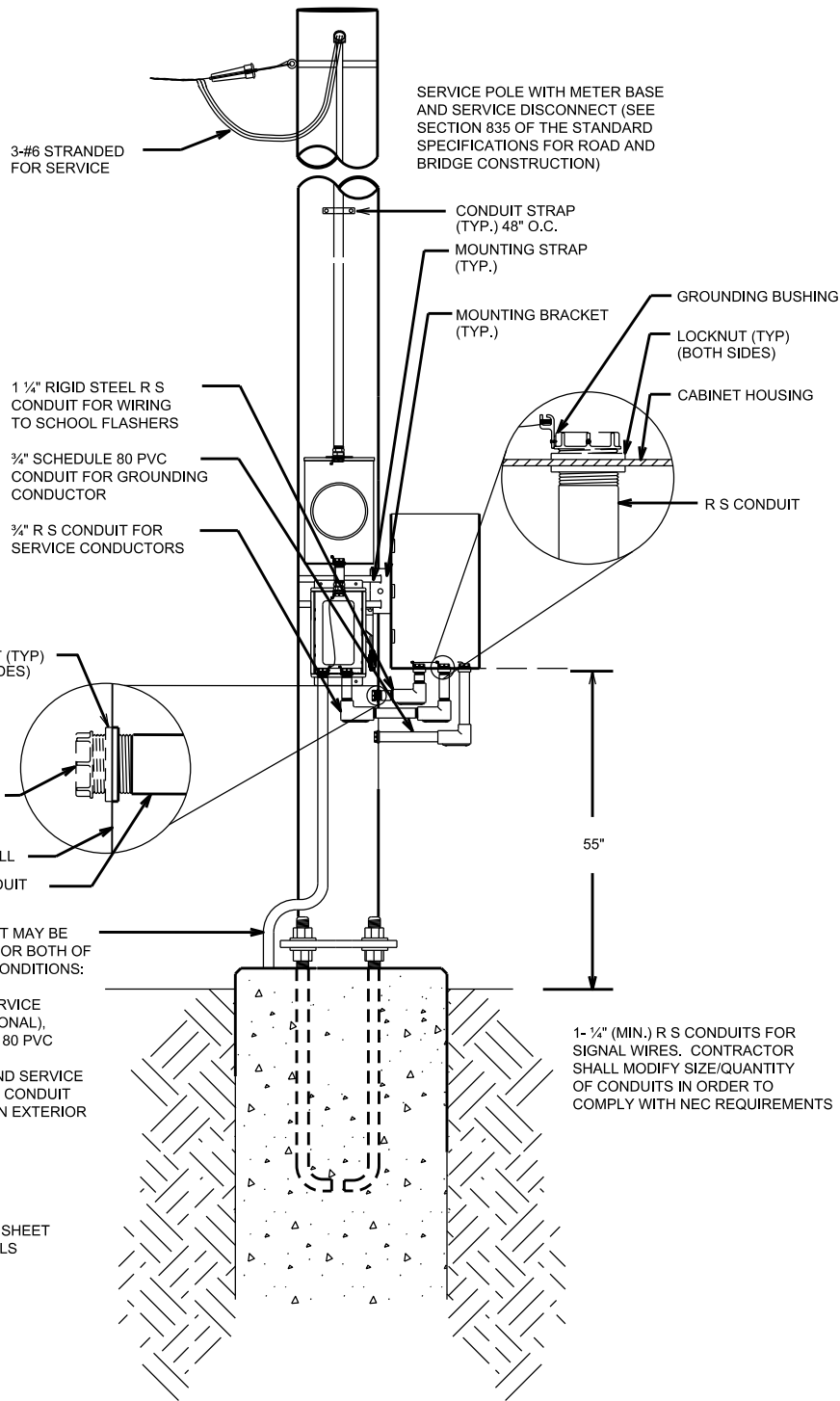
SERVICE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH
THE PVC CONDUIT, CONNECTING TO THE DISCONNECT AND THEN TO EACH RIGID
STEEL (R S) GROUNDING BUSHING. IF GROUND WIRE IS RUN ON THE INSIDE OF THE
POLE, RUBBER GROMMETS SHALL BE PROVIDED AT DISCONNECT AND POLE CUT OUTS.
THEY SHALL BE INCIDENTAL TO BID ITEM "24526ED".

CABINET GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH
THE PVC CONDUIT, CONNECTING TO THE CABINET GROUND BUS AND THEN TO EACH
R S GROUNDING BUSHING.

NOTES:

ALL CONDUITS USED FOR THE TELEPHONE, GROUNDING, AND SERVICE
(INCLUDING FLEX CONDUIT IF IT IS RUN INSIDE THE POLE) THAT ARE
INSTALLED ON THE POLE CABINET ARE INCIDENTAL TO BID ITEM "24526ED".
THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST
THE EDGE OF THE CONCRETE PAD.

SPECIAL NOTE FOR THE DISCONNECT:
ONLY CONNECT ONE SIDE OF THE 120 VOLT IN
THE DISCONNECT. THE OTHER SIDE OF THE 120
VOLT SHALL STILL BE INSTALL IN METER
BUT NOT FEED DOWN TO THE DISCONNECT.
FURNISH A SHOCK HAZARD WARNING STICKER ON
DISCONNECT WITH THE FOLLOWING INFORMATION:
VOLTAGE (120 VOLT)
GLOVE CLASS (0)
LIMITED APPROACH BOUNDARY (42 IN)
RESTRICTED APPROACH BOUNDARY (CONTACT)
SEE NFPA 70E FOR ADDITIONAL PPE REQUIRED



STEEL POLE MOUNT ENCLOSURE

SEE POLE BASE DETAIL SHEET
FOR GROUNDING DETAILS

EXTERIOR CONDUIT MAY BE
USED FOR EITHER OR BOTH OF
THE FOLLOWING CONDITIONS:

FOR EXTERIOR SERVICE
GROUNDING (OPTIONAL),
USE 3/4" SCHEDULE 80 PVC

FOR UNDERGROUND SERVICE
FEEDS, USE 3/4" R S CONDUIT
TO METER BASE ON EXTERIOR
OF POLE

1- 1/2" (MIN.) R S CONDUITS FOR
SIGNAL WIRES. CONTRACTOR
SHALL MODIFY SIZE/QUANTITY
OF CONDUITS IN ORDER TO
COMPLY WITH NEC REQUIREMENTS