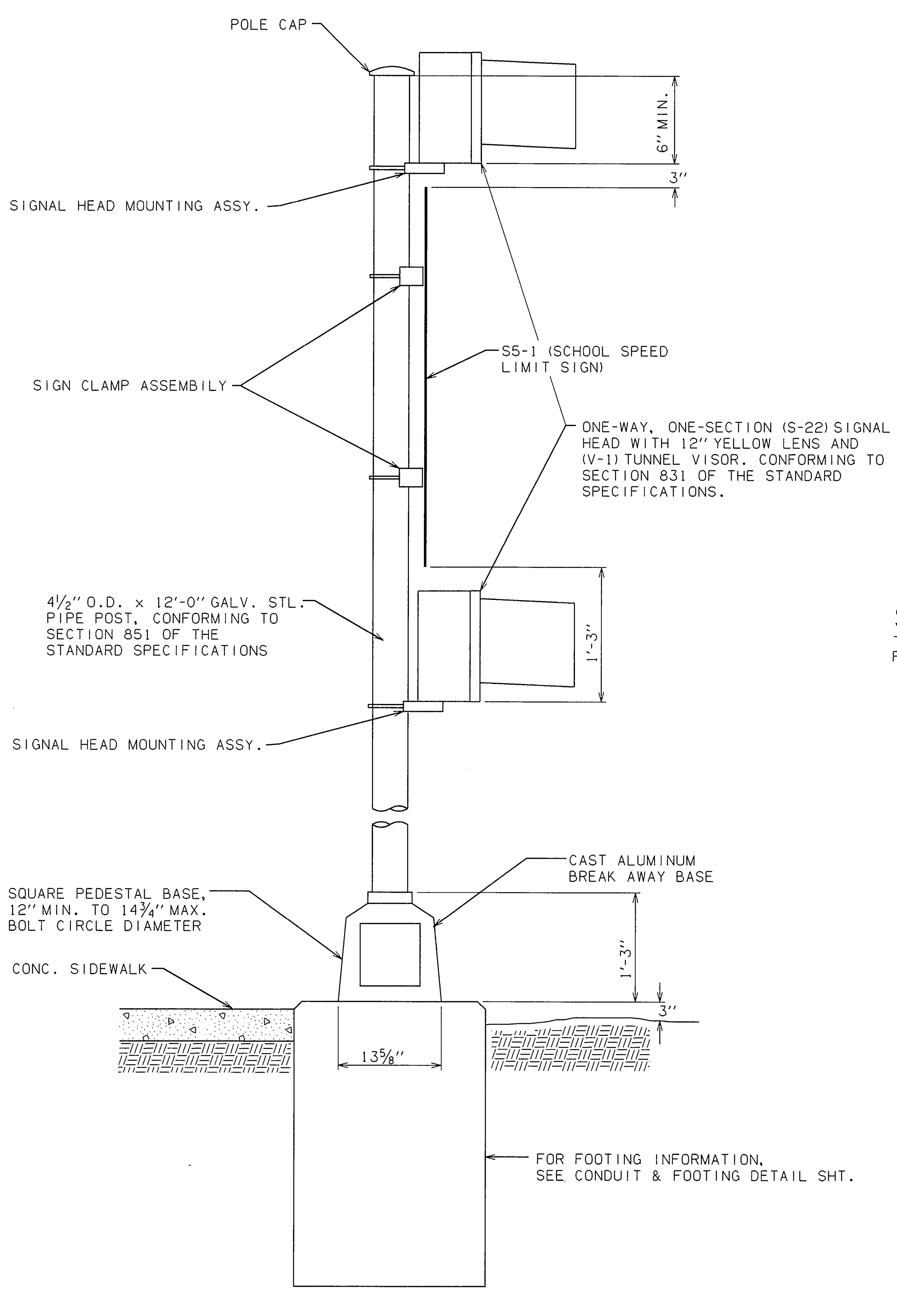
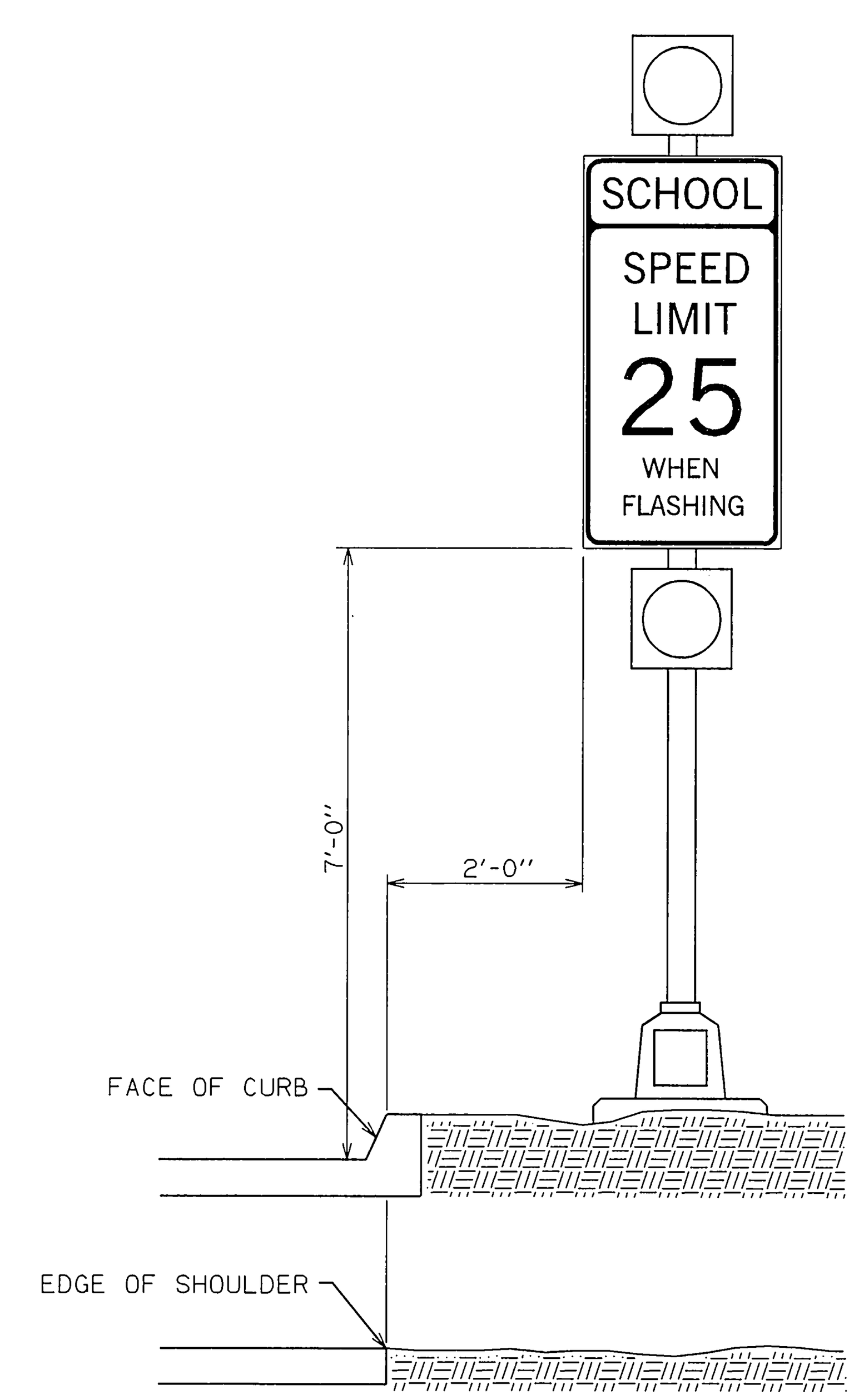
DESCRIPTION	REVISIONS	DATE

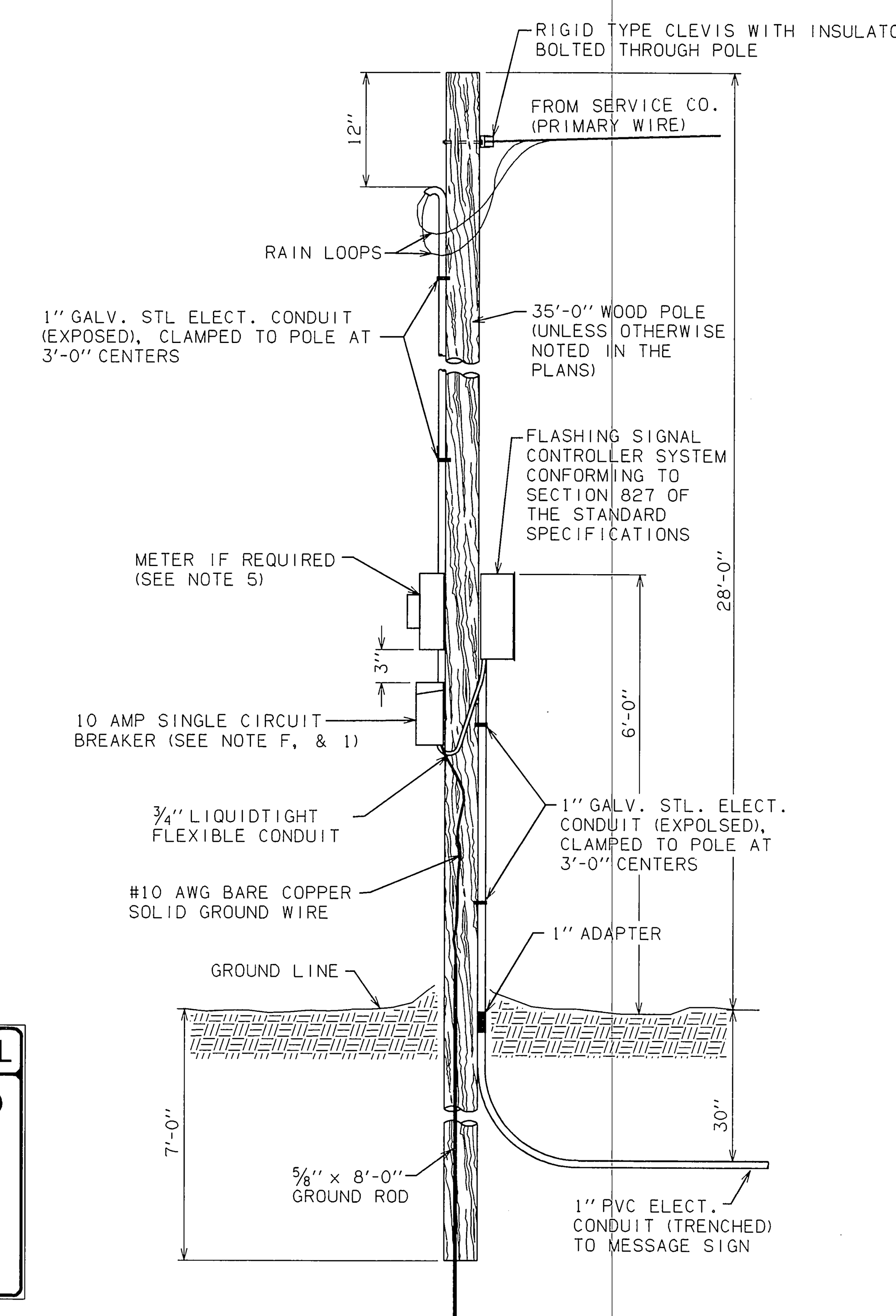


WARNING SIGNAL LIGHT DETAIL

S5-1
SCHOOL SPEED LIMIT SIGN

FOR DIMENSIONS SEE "STANDARD HIGHWAY SIGNS", LATEST REVISIONS.





SERVICE POLE FOR WARNING LIGHT

MATERIAL SPECIFICATIONS

A. ELECTRICAL CONDUIT OR CONDUIT SLEEVES SHALL BE IN ACCORDANCE WITH SECTION 802 OF THE STANDARD SPECIFICATIONS AND MAY BE EITHER RIGID GALV. STEEL OR SCH. 40 PVC PLASTIC.

B. ELECTRICAL CONDUCTORS FROM THE POWER SERVICE INSULATOR TO THE CONTROLLER SHALL BE NO. 12 AWG.
ELECTRICAL CONDUCTORS FROM THE CONTROLLER TO THE SIGNAL HEAD(S) SHALL BE A NO. 14 AWG, 5 CONDUCTOR, CONFORMING TO SECTION 738 OF THE STANDARD SPECIFICATIONS. ELECTRICAL WIRING FROM THE FOOTING TO THE CONTROLLER AND TO THE SIGNAL HEADS SHALL BE INSTALLED WITHIN THE SUPPORTING SIGN POLE.

C. ALL CONDUITS OR STRAPS SHALL BE GALVANIZED MALLEABLE IRON.

D. THE SERVICE POLE SHALL BE TREATED FULL LENGTH IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS ASSOCIATION SPECIFICATIONS, TO BE AT LEAST 7.5 LBS. PER CUBIC FOOT RETENTION OF CREOSOTE OR 0.38 PENTACHLOROPHENOL MEASURED BY THE EMPTY CELL PROCESS. WOOD POLES SHALL COMPLY WITH THE LATEST REVISIONS OF ANSI STANDARD 05.1.

E. ALL CONDUIT AND CONDUIT FITTINGS SHALL CONFORM TO SECTION 709 OF THE STANDARD SPECIFICATIONS.

F. THE ENCLOSURE FOR THE CIRCUIT SHALL BE A N.E.M.A. 3R RAINTIGHT ENCLOSURE, AND SHALL BE LOCKED IN ACCORDANCE WITH THE POWER COMPANY REQUIREMENTS. THE BREAKERS SHALL BE SIZED FOR LOAD REQUIREMENTS.

GENERAL NOTES

1. SERVICE POLE:
PRIMARY SERVICE SHALL BE FURNISHED TO A SERVICE POLE OR TO A TRAFFIC SIGNAL POLE. THE INSTALLATION SHALL INCLUDE GROUND ROD, METER BASE, INSULATORS, CABLES, CONDUIT, SERVICE HEAD, SERVICE BRACKET, CIRCUIT BREAKERS AND ALL OTHER ITEMS NECESSARY TO COMPLETE THE WORK. WHEN ONLY A TRAFFIC SIGNAL SYSTEM IS INSTALLED ON A PROJECT, A SINGLE CIRCUIT BREAKER SHALL BE FURNISHED. WHERE TRAFFIC SIGNALS AND STREET LIGHT SYSTEMS ARE COMBINED ON ONE PROJECT, TWO CIRCUIT BREAKERS SHALL BE FURNISHED, ONE FOR EACH SYSTEM. THE CONTRACTOR SHALL COORDINATE WITH THE POWER COMPANY TO GET THE CONNECTION AT THE PROPER TIME.
THE EQUIPMENT, CONSTRUCTION AND INSTALLATION ON THE SERVICE POLE SHALL BE SUBJECT TO THE APPROVAL OF THE POWER COMPANY. THE COST OF MATERIALS AND INSTALLATION OF THE SERVICE POLE, AS DESCRIBED ABOVE, INCLUDING ANY PERMITS OR CHARGES BY POWER COMPANY FOR THE CONNECTION SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS.

2. ON PROJECTS WHERE SERVICE POLES ARE INSTALLED THE SERVICE POLE SHALL BE INSTALLED AS CLOSE TO THE RIGHT-OF-WAY AS POSSIBLE. LOCATION SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

3. INSTALL A CONDUIT COUPLING ADAPTOR, OR COMPRESSION COUPLING IF NECESSARY, TO CONNECT CONDUITS OF DISSIMILAR MATERIALS.

4. THE PRIMARY WIRING SHALL BE PROVIDED BY THE LOCAL UTILITY CO., UNLESS OTHERWISE SPECIFIED.

5. THE CONTRACTOR SHALL INSTALL THE REQUIRED METERING EQUIPMENT FURNISHED BY LOCAL UTILITY CO., UNLESS OTHERWISE SPECIFIED.

APPROVED BY TRAFFIC ENGINEER Harold Smith DATE 10-1-99

OKLAHOMA DEPT. OF TRANSPORTATION
TRAFFIC STANDARD (ENGLISH)

SCHOOL ZONE SIGN DETAILS

1999 SPECIFICATIONS | SZS1-1 | 00E | T-444E