

8' OR AS DETAILED IN PLANS

LUMINAIRE TO BE LEVELED IN BOTH DIRECTIONS
AFTER THE POLE HAS BEEN PLUMBED. USE
LEVELING SPOTS PROVIDED ON THE TOP OF THE
LUMINAIRE

NOTE: UNLESS PLANS STATE OTHERWISE, THE FOLLOWING
SHALL APPLY.

LUMINAIRE FIXTURE SHALL BE LED/150 W. WITH 525MA DRIVE CURRENT
1) URBAN ACCESS CLASSIFICATION NARROW ASYMETRIC LIGHTING
DISTRIBUTION. INDIVIDUAL PHOTO ELECTRIC CONTROL.
2) ALL OTHER CLASSIFICATIONS ASYMETRIC (MEDIUM) LIGHTING
DISTRIBUTION. CENTRAL PHOTO ELECTRIC CONTROL OR SEE PLANS IF
INDIVIDUAL PHOTO ELECTRIC CONTROL REQUIRED. THE MANUFACTURER
SHALL PROVIDE DETAILS SHOWING LAMP SOCKET POSITIONS FOR EACH
LIGHT DISTRIBUTION TYPE.

3-BOLT FIXED BASE ROUND TAPERED
GALVANIZED STEEL LUMINAIRE POLE WITH
DAVIT TYPE "J" LUMINAIRE ARM. SEE
SPECIAL PROVISIONS FOR WSDOT
PRE-APPROVED DRAWING NUMBERS.

40' ± 6"

18" OR SIZED
FOR POLE BASE

SIZED FOR O.D.
OF POLE USED

18" OR SIZED
FOR POLE BASE

5"
TO
6"

DETAIL A - LUMINAIRE POLE TWO PIECE BASE COVER

GALVANIZED STEEL
NTS

HANDHOLE (TYP., SEE WSDOT STD PLAN J-28.10 SERIES)

FOR TYPE 1 BOXES AND CONDUIT DETAILS
SEE YAKIMA COUNTY STANDARD PLAN S-10
FOR FURTHER DETAILS. LOCATION TYP, SEE
PLANS FOR ACTUAL LOCATION

TWO-PIECE FULL
BASE COVER
(SEE DETAIL A)

QUICK DISCONNECTS (STD. SPEC. 9-29.7)

(3) GALVANIZED STEEL ANCHOR BOLTS
PER POLE MANUFACTURERS
SPECIFICATIONS

FOR JUNCTION BOX TRENCH
SECTION SEE YAKIMA COUNTY
STANDARD PLAN S-10

SEE WSDOT STANDARD PLAN J-28.30-03
FOR STANDARD FOUNDATION DETAIL. THE
TOP 6 INCHES OF THE FOUNDATION SHALL
BE FORMED 24"X24".

TYPICAL SECTION
NTS

RESIDENTIAL STREET LIGHT DETAIL



APPROVED BY:


County Engineer:

3/10/2020

DATE:

REVISION:

DESCRIPTION:

DATE:

STANDARD PLAN

S-9

SHEET 1 OF 2

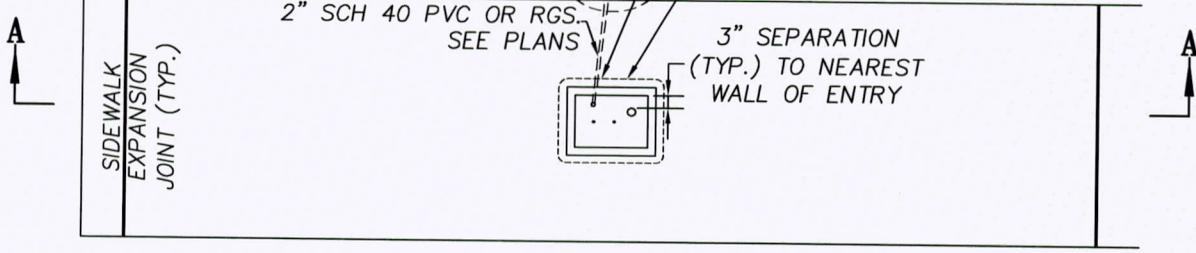
FILE NAME:

SEE YAKIMA COUNTY STANDARD PLAN
S-9 FOR FOUNDATION DETAIL

1/4" ASPHALT JOINT

#4 REBAR (TYP.)
6" AROUND JUNCTION BOX

JUNCTION BOX; GROUND ROD REQ'D
FOR INDIVIDUAL LIGHTS ONLY - NOT TO
BE USED FOR CENTRAL SYSTEM.



PLAN VIEW

3/8" EXPANSION
CONSTRUCTION JOINT (TYP.)
SEE NOTE 2 FOR STUB HEIGHT

TYPE I JUNCTION BOX SEE WSDOT
STANDARD PLAN J-40.10-03

6" MIN. 8" MAX. (TYP.) BELOW THE
BOTTOM OF THE JUNCTION BOX LID

2" MIN. (TYP.)

SEE NOTE 3
FOR RGS BENDS

5/8"X8' COPPER GROUND ROD

COMPACTED CRUSHED SURFACING
TOP COURSE BASE (TYP.)

CONDUIT OUT TO OTHER J-BOXES

SECTION A-A NTS

NOTES:

- 1) STAKING: COUNTY MUST STAKE LOCATION OF POLE AND JUNCTION BOXES. REFER TO CONSTRUCTION SPECIFICATIONS.
- 2) COORDINATE WITH POLE SHOP DRAWING HANHOLE LOCATION FOR CONDUIT HEIGHT AT CENTER OF HANHOLE.
- 3) ALL CONDUIT BENDS MUST MEET THE NATIONAL ELECTRIC CODE (NEC) REQUIREMENTS.
- 4) GROUNDING END BUSHINGS SHALL BE INSTALLED ON ALL ENDS OF RGS (WHEN APPLICABLE)

RESIDENTIAL STREET LIGHT DETAIL



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STANDARD PLAN

S-9

SHEET 2 OF 2

FILE NAME: