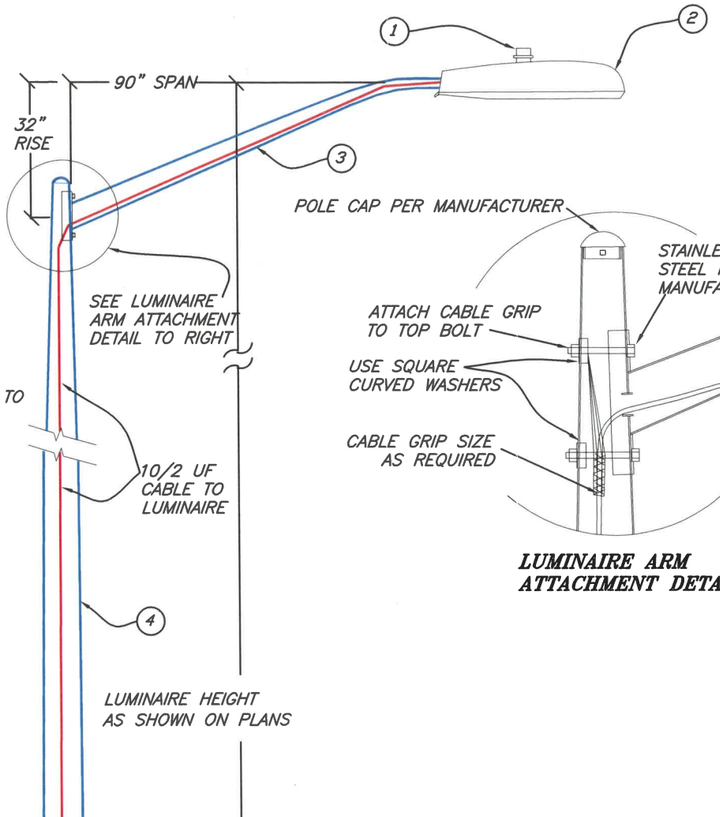
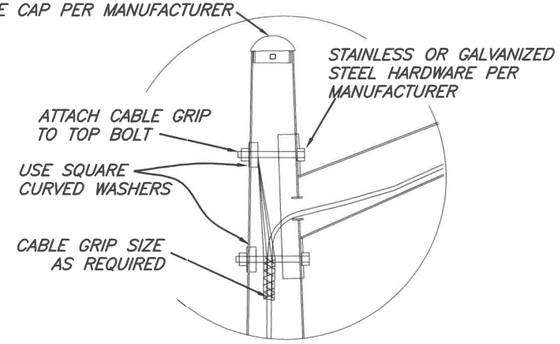
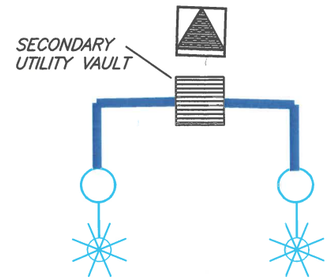
LEGEND

1. THREE PRONG NEMA PEC, ORIENT TO NORTH
2. CUTOFF (LED) LUMINAIRE FIXTURE WITH SEVEN PIN NEMA RECEPTACLE
3. ALUMINUM TAPERED OVAL MAST ARM USE 6' ARM FOR SETBACK SIDEWALK. USE 8' ARM FOR CURBSIDE SIDEWALK
4. FIBERGLASS POLE WITH GREY (BLACK) FINISH 90 MPH, 5 SQ. FT. EPA
5. POLE HAND HOLD AS SHOWN ON PLANS.
6. 3' SLACK IN 10/2 UF CABLE. UTILITY TO MAKE SERVICE CONNECTION AT SECONDARY POWER VAULT TO STREET LIGHT CONDUCTOR.
7. 7' SLACK IN 10/2 UF CABLE FROM PVC CONDUIT TO POLE ENTRANCE.
8. 1" MIN. SCH. 40 PVC CONDUIT. SEE CONDUIT ENTRANCE DETAIL
9. BACKFILL W/COMPACTED 3/4–0 CRUSHED ROCK
10. SINGLE POLE FUSE HOLDER FOR 120 VAC POWER, BUSSMANN HEB–AA OR APPROVED EQUAL



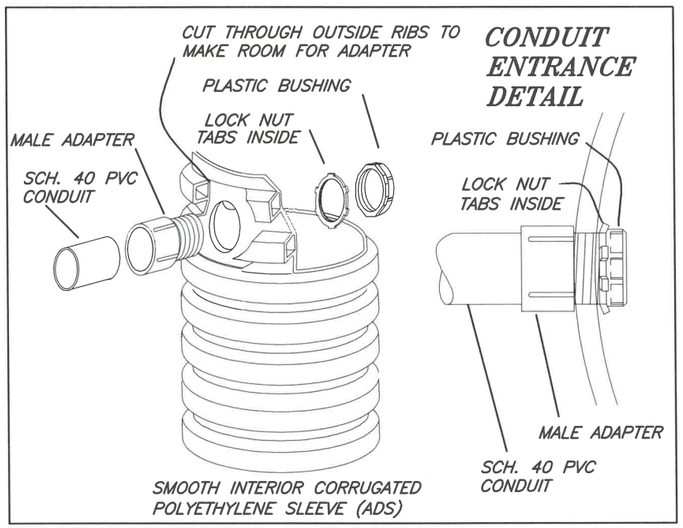


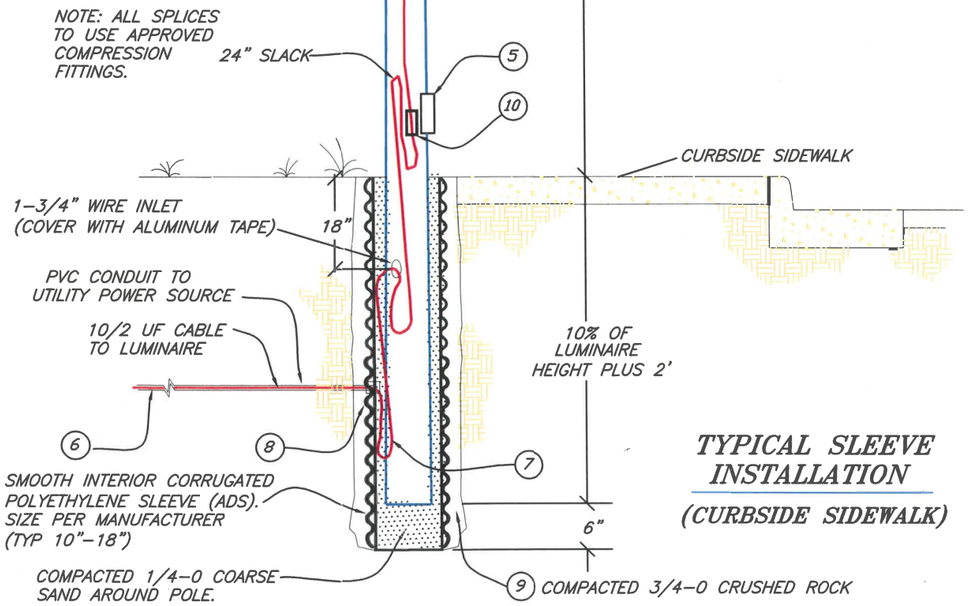
LUMINAIRE ARM ATTACHMENT DETAIL



CONDUIT TO FIBERGLASS POLES AND UTILITY VAULTS CAN USE PLASTIC BUSHINGS, & PVC ELBOWS AND RISERS

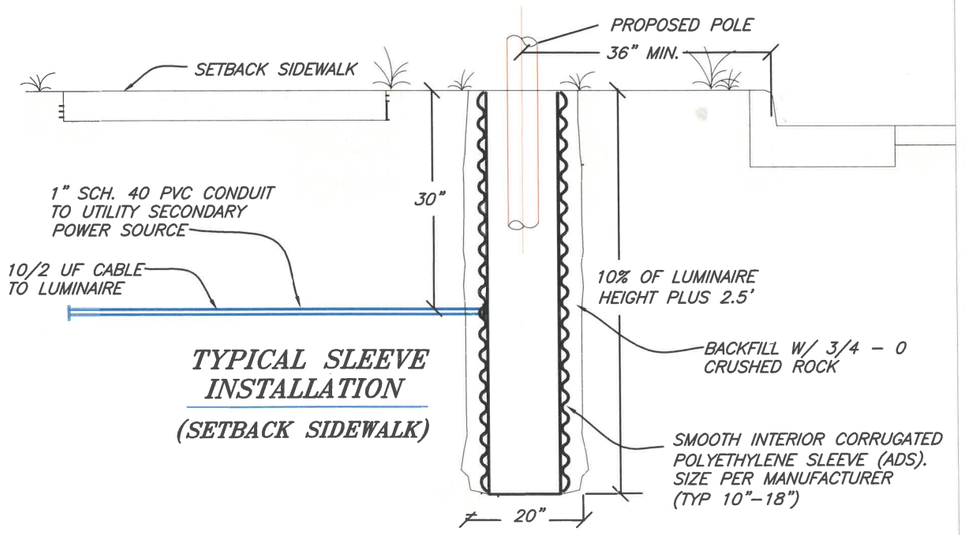
DIRECT FEED BONDING REQUIREMENTS





TYPICAL SLEEVE INSTALLATION

(CURBSIDE SIDEWALK)



TYPICAL SLEEVE INSTALLATION

(SETBACK SIDEWALK)

No.	Revision/Issue	Date	By
1	Rev direct feed w/o Jbox	06/16	
2	Revised final design	09/18	
3	Updated sleeve size	09/20	CH
4	Updated wind loading	05/22	SQM
5	Updated misc details	02/23	SQM
6	Updated fuse note 10	06/25	SQM

STANDARD DRAWING TSD5_24b

Fiberglass Pole with "Cobra Head" Luminaire Detail

City of Springfield

SPRINGFIELD OREGON

REGISTERED PROFESSIONAL ENGINEER
19607PE
OREGON
MAY 5, 1998
BRIAN F. BARNETT
6/26/25

EXP DATE: 12-31-2025

June 26, 2025

NOT TO SCALE

DRAWN BY:	D. BISHOP
DESIGNED BY:	
CHECKED BY:	B. BARNETT

June 26, 2025

C:\Users\smiller\Downloads\TSD5_24B2 2025 06 26 R6.dwg