

COORDINATE WITH UNL PM & PROVIDE PHOTOCELL DLL127 1.5 LP BK PER PROJECT REQUIREMENTS. REFER TO PLANS & LUMINAIRE SCHEDULE FOR EXACT FIXTURE TYPE & QUANTITY OF HEADS.

LITHONIA DSX SERIES - 4000K CCT, BLACK FINISH, PER7 SEVEN-WIRE RECEPTACLE, DRIVE CURRENT & DISTRIBUTION BY DESIGN PER NU GUIDELINES SEE LUMINAIRE SCHEDULE

* POLE BASE LENGTH (L) BELOW FINISHED GRADE AND DIAMETER (D) AS FOLLOWS:

TOP OF POLE HEIGHT (HT) AFG	CONCRETE BASE LENGTH BELOW GRADE & DIAMETER
0' < HT < 15'	→ 48" L x 16" D
15' < HT < 29'	→ 60" L x 20" D
29' < HT < 40'	→ 72" L x 24" D

† WHERE PVC ELBOWS ARE PROVIDED, PROVIDE FLAT TYPE PULL LINE/TAPE/ROPE.

30'-0" MAX.
REFER TO LUMINAIRE SCHEDULE

HANDHOLE AT TOP OF POLE. PROVIDE SURGE PROTECTION DEVICE WITHIN. SEE DETAIL 26 56 00 - 05 FOR MORE INFO.

POLE HANDHOLE
#2 BARE COPPER GROUND WIRE WITH GROUND WIRE LUG INTEGRAL TO POLE
ANCHOR BOLTS PER MANUFACTURERS RECOMMENDATIONS

PROVIDE RAISED BASE FOR ALL POLES IN PAVED PARKING AREAS AND AREAS WITHIN 24" OF CURB FROM EDGE OF POLE BASE

UL 467 LISTED, CORROSION RESISTANT, COMPRESSION OR EXOTHERMIC WELDED GROUND BOND TO REBAR

1" RIGID GALV. CONDUIT WITH INSULATING BUSHINGS OR PVC SCHEDULE 40 ELBOW †

POLE TO BE MADE OF ROUND Poured FIBER REINFORCED POLYMER (FRP) CONCRETE WITH MINIMUM 28-DAY STRENGTH OF 3,500 PSI WITH 2 IN. LENGTH OF MONOFILAMENT MACROSYNTHETIC FIBERS AT APPROXIMATELY 4LB/YD³ DOSAGE. ADD AIR-ENTRAINING ADMIXTURE CONFORMING TO ASTM C260/C26U 0M. SIZE PER THE SCHEDULE ABOVE. PROVIDE CONCRETE BASE WITH 4 #6 REBAR VERT. AND #4 REBAR HORZ. AT 12" O.C.

*L LENGTH

2'-6"

ROUND TAPERED STEEL POLE WITH VIBRATION DAMPENERS
2#12 TO FIXTURE(S)
WATER TIGHT RUBBER MOLDED FUSE HOLDER, FUSE @ 4 AMPS SEE DETAIL 26 56 00 - 05 FOR MORE INFO.
SOLDERLESS CONNECTION WRAPPED WITH VINYL PLASTIC TAPE
LEVELING NUTS WITH CAPS AND ROUND STEEL BASE COVER TO MATCH POLE
3/4" CHAMFER AND TOOL FINISHED GROUT JOINT ALL AROUND
BACKFILL WITH D-1 MATERIAL 12" AROUND ALL SIDES OR BASE. COMPACT TO 95% PER MODIFIED PROCTOR DENSITY METHOD

FINISHED

18" MIN
3#12 IN 1" PVC CONDUIT TO NEXT POLE, OR PROVIDE SPARE 1" C. STUBBED OUT 5'-0" FOR FUTURE POLE OR TO LOCATION SHOWN ON PLANS. STUB OUT ADDITIONAL 1" C. FOR DATA/COMM. WITH TRACER WIRE

RIGID GALV. TO PVC TRANSITION (WHERE APPLICABLE)
6" DIAMETER REBAR SPACER


3" (NOM) TOP, BOTTOM AND ALL SIDES OF BASE CASTING

*D DIAMETER

PARKING LOT & STREET LIGHT POLE BASE DETAIL

1
E1.01

SCALE: NO SCALE

Detail Title: PARKING LOT & STREET LIGHT POLE BASE DETAIL	Detail No.: 26 56 00 - 01	Facilities Planning & Construction Standard Detail	
Scale: N.T.S.	Date: October 2020		