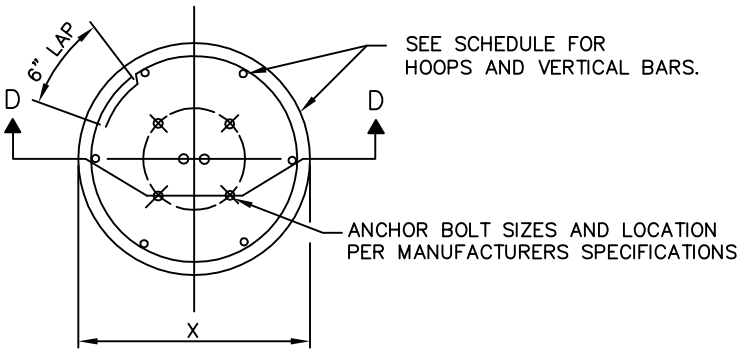
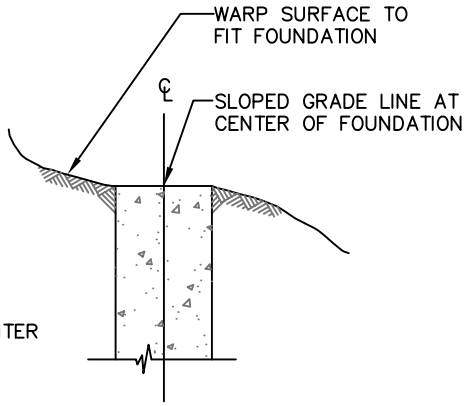
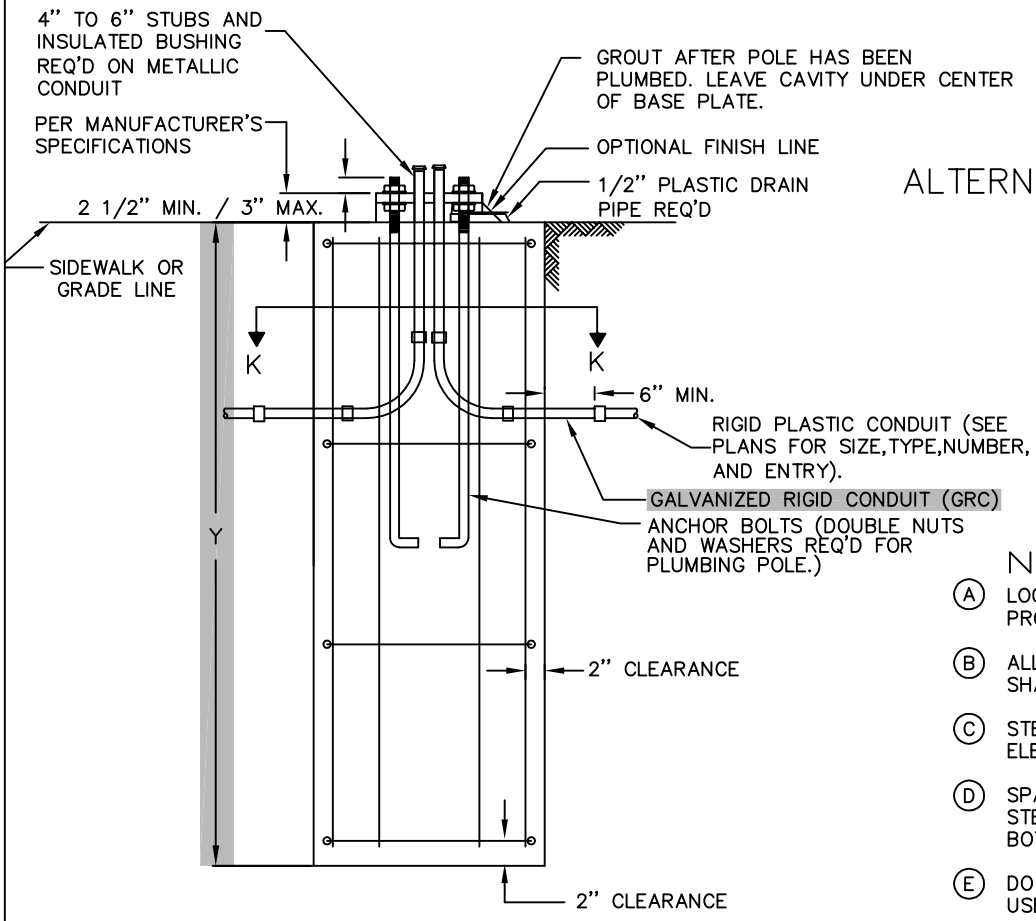
POLE FOUNDATION SCHEDULE												
POLE TYPE	MT.HT.	MASTARM LENGTH	FOUNDATION TYPE	X	Y	HOOPS			VERTICAL RODS			CU. YDS.
						NO.	SIZE	LIN. FT.	NO.	SIZE	LIN. FT.	CONCRETE
PEDESTRIAN SIGNAL POLE	10'	–	A	2'–0"	5'–0"	4	#4	23'–0"	6	#4	28'–0"	.6
LIGHT POLE	25'–30'	ALL	A	2'–0"	5'–0"	4	#4	23'–0"	6	#4	28'–0"	.6
LIGHT POLE	35'	ALL	B	2'–6"	7'–0"	4	#4	29'–4"	6	#6	40'–0"	1.3
LIGHT POLE	40'–50'	ALL	C	3'–0"	8'–0"	5	#4	44'–2"	8	#6	61'–4"	2.1
SIGNAL POLE	–	20' – 45'	D	3'–0"	9'–0"	5	#4	44'–2"	8	#6	69'–4"	2.4
PED. PUSHBUTTON POLE	4'–0"	–	E	1'–6"	2'–6"	–	–	–	–	–	–	.2
DUAL MASTARM SIGNAL POLE	–	ALL	F	3'–0"	12'–0"	8	#5	70'–8"	12	#6	140'	3.1
SIGNAL POLE	–	50' – 55'	F	3'–0"	12'–0"	8	#5	70'–8"	12	#6	140'	3.1
SIGNAL POLE	–	60' – 65'	G	3'–6"	14'–0"	9	#5	78'–10"	12	#6	166'	3.7



SECTION K–K



ALTERNATE SLOPED GRADE SECTION



TYPICAL POLE FOUNDATION
SECTION D–D

NOTES:

(A) LOCATE FOUNDATIONS AS INDICATED ON THE PROJECT PLAN SHEETS.

(B) ALL CONDUIT ELBOWS USED IN CONCRETE BASES SHALL BE GRC.

(C) STEEL CONDUIT SHALL BE USED TO EXTEND ELBOWS BEYOND FOUNDATION.

(D) SPARE STUBOUTS SHALL BE TERMINATED WITH A STEEL COUPLING AND PLASTIC PUSH PLUG AT BOTH ENDS.

(E) DO NOT GROUT IF BREAKAWAY DEVICES ARE USED.

(F) *SEE SD–1117 FOR GROUNDING DETAILS.*

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IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION	STANDARD POLE FOUNDATION DETAIL	STANDARD DRAWING NO. TFSD–1109

LEGEND

1. 6–#4 VERTICAL REBAR.
2. 6" LAP.
3. ANCHOR BOLT SIZES AND LOCATIONS PER MANUFACTURER'S SPECIFICATIONS.
4. 4" TO 6" STUBS.
5. INSULATED BUSHING REQUIRED WHEN CONDUIT IS USED. PER MANUFACTURE'S SPECIFICATIONS.
6. PER MANUFACTURE'S SPECIFICATIONS.
7. SIDEWALK LINE OR GRADE LINE
8. J–BOX.
9. 1" MINIMUM DIAMETER.
10. (4) ANCHOR BOLTS WITH DOUBLE NUTS FOR PLUMBING POLE, GALVANIZED, WITH (3) GALVANIZED NUTS AND (2) GALVANIZED WASHERS PER BOLT.
11. 4–#4 REBAR HOOPS.
12. C–4000 CONCRETE AS PER SECTION 700 ISPWC.
13. SEE STANDARD SPECIFICATIONS FOR REQUIRED FIXTURES.
14. GENERAL ELECTRIC ALUMINUM SEAMLESS SHAFT NO. C89H235 OR UNION METAL DESIGN 203 OR APPROVED EQUAL.
15. FUSE LOCATION.
16. WATER–TIGHT HANDHOLE.
17. BACKFILL TO BE COMPACTED TO 95%.

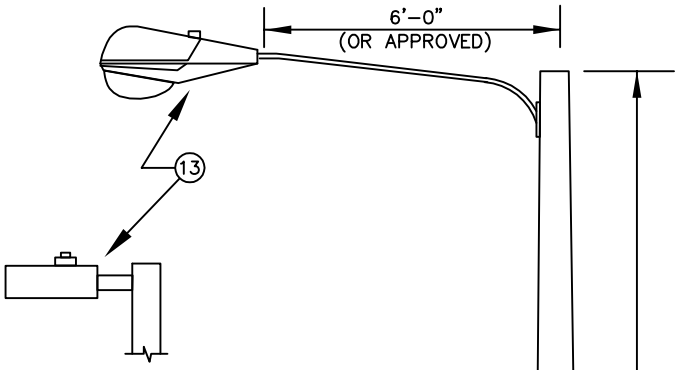
NOTE:

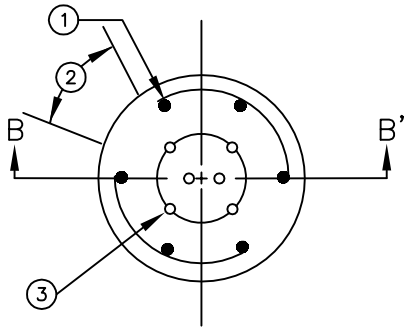
A. SEE ISPWC FOR EXCAVATION, BACKFILLING AND CONSTRUCTION OF POLE FOUNDATION, WIRING, AND ACCEPTANCE OR REJECTION OF THE WORK.

B. GROUND POLE TO THE SERVICE POINT VIA #6 AWG BARE WIRE PER NATIONAL ELECTRICAL CODE.

C. #10 AWG WIRE FROM LUMINAIRE TO FUSE.

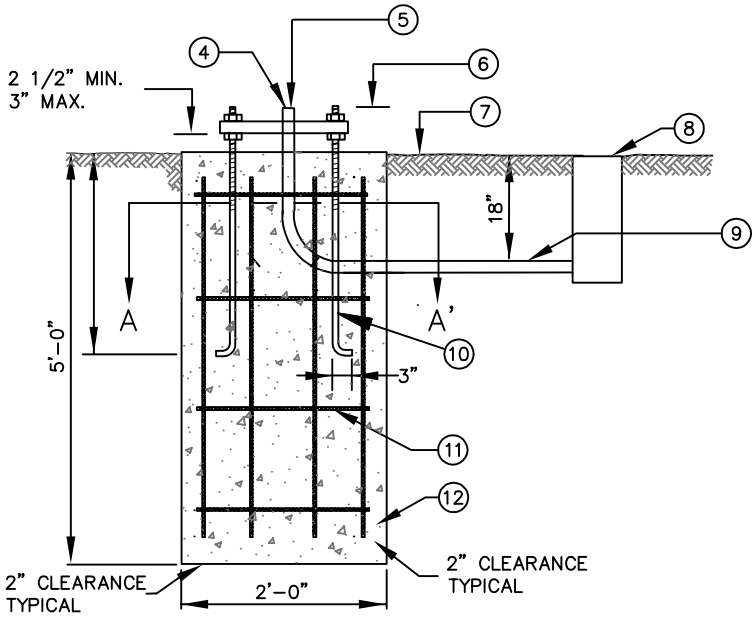
D. FOR GROUNDING DETAILS SEE *SD–1117* .



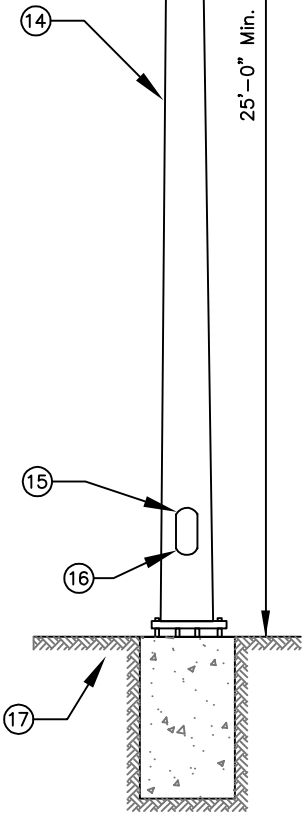


SECTION A–A'

POLE FOUNDATION SCHEDULE					
HOOPS*			VERTICAL RODS*		C.Y. CONC. FND.
QTY.	SIZE	L.F.	QTY	SIZE	
4	#4	23'–0"	6	#4	0.6



TYPICAL POLE FOUNDATION
SECTION B–B'



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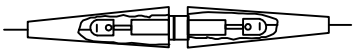
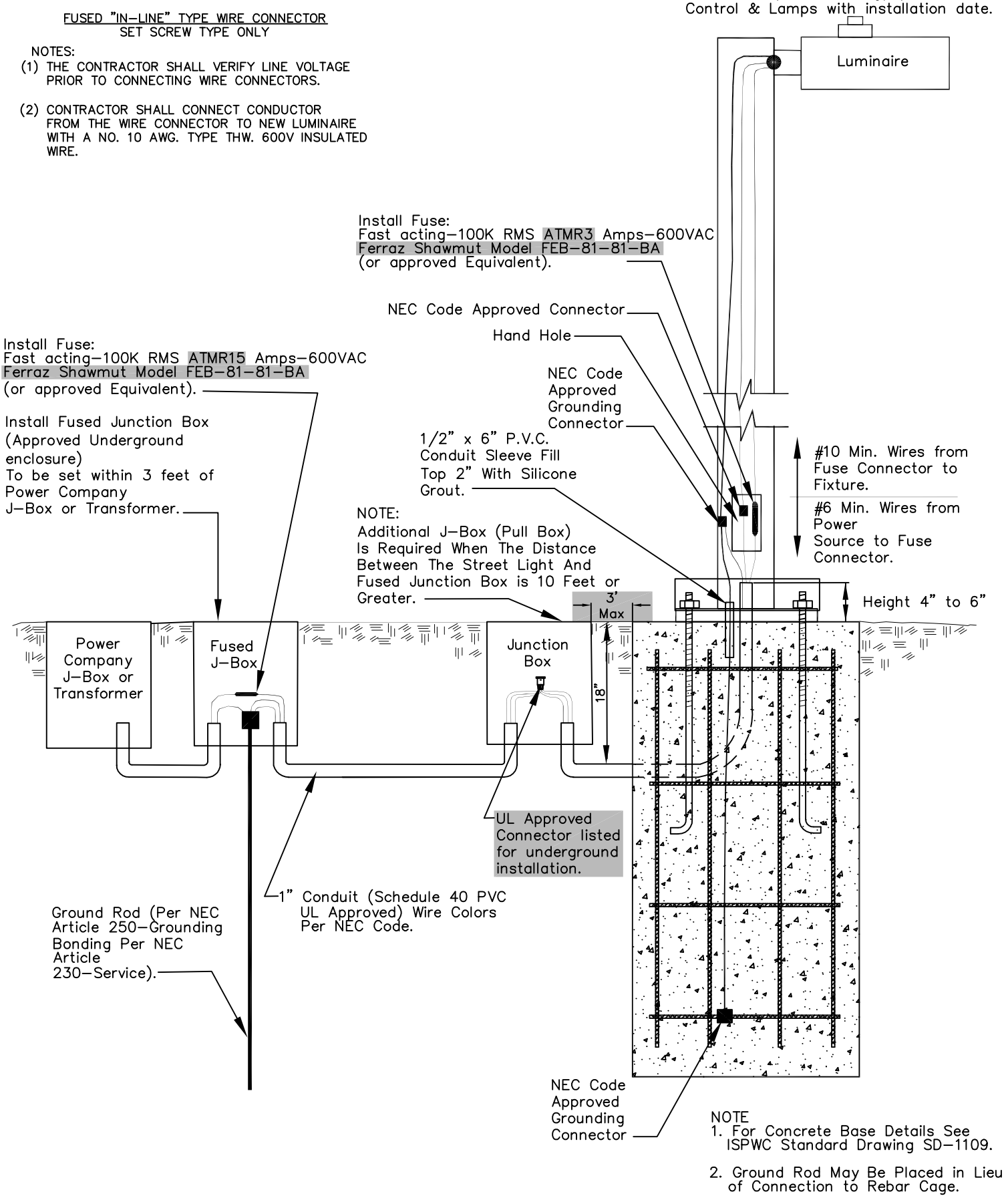
IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION	25' STANDARD METAL STREETLIGHT WITH MAST ARM GREATER THAN 6'	STANDARD DRAWING NO. TFSD–1116



FUSED "IN-LINE" TYPE WIRE CONNECTOR
SET SCREW TYPE ONLY

NOTES:
(1) THE CONTRACTOR SHALL VERIFY LINE VOLTAGE PRIOR TO CONNECTING WIRE CONNECTORS.

(2) CONTRACTOR SHALL CONNECT CONDUCTOR FROM THE WIRE CONNECTOR TO NEW LUMINAIRE WITH A NO. 10 AWG. TYPE THW. 600V INSULATED WIRE.



NOTE
1. For Concrete Base Details See ISPWC Standard Drawing SD-1109.

2. Ground Rod May Be Placed in Lieu of Connection to Rebar Cage.

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IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION	STREET LIGHT INSTALLATION 25' STANDARD CONCRETE BASE	STANDARD DRAWING NO. TFSD-1117