NOTES:

1) RAMPS TO BE DESIGNED IN ACCORDANCE WITH STANDARD DRAWING PC.F8.4 AND PC.F8.5.

2) NO PORTION OF FOUNDATION SHALL BE LOCATED WITHIN THE LANDING OR "WINGS" OF THE CURB RAMP.

3) FOR TYPE 2 CURB RAMPS, PLACE FOUNDATION AS CLOSE AS POSSIBLE TO THE BACK OF SIDEWALK.

SEE STANDARD DRAWING PC.J1.9 FOR JUNCTION BOX, UTILITY VAULT, UTILITY VALVE AND CONDUIT DETAILS

(POT TO SCALE)
NOTES:

* WEEP HOLE TO BE PLACED ON DOWNHILL SIDE OF FOUNDATION

---

**INSTALLATION IN SIDEWALK AREA**

<table>
<thead>
<tr>
<th>ANCHOR BOLT Ø</th>
<th>1.5 IN. Ø BOLT</th>
<th>1.75 IN. Ø BOLT</th>
<th>2.0 IN. Ø BOLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSUMPTIONS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOP THREADS</td>
<td>0.5 IN.</td>
<td>0.5 IN.</td>
<td>0.5 IN.</td>
</tr>
<tr>
<td>NUT HEIGHT X 2</td>
<td>3.0 IN.</td>
<td>3.5 IN.</td>
<td>4.0 IN.</td>
</tr>
<tr>
<td>WASHER X 2</td>
<td>0.5 IN.</td>
<td>0.5 IN.</td>
<td>0.5 IN.</td>
</tr>
<tr>
<td>BASE PLATE</td>
<td>1.5 IN.</td>
<td>1.75 IN.</td>
<td>2.0 IN.</td>
</tr>
<tr>
<td>LEVELING THREADS</td>
<td>1.0 IN.</td>
<td>1.0 IN.</td>
<td>1.0 IN.</td>
</tr>
<tr>
<td>SIDEWALK DEPTH (PC TO PT)</td>
<td>6.0 IN.</td>
<td>6.0 IN.</td>
<td>6.0 IN.</td>
</tr>
<tr>
<td>Y</td>
<td>12.5 IN.</td>
<td>13.25 IN.</td>
<td>14.0 IN.</td>
</tr>
</tbody>
</table>

**INSTALLATION IN AREA WITH NO SIDEWALK**

<table>
<thead>
<tr>
<th>ANCHOR BOLT Ø</th>
<th>1.5 IN. Ø BOLT</th>
<th>1.75 IN. Ø BOLT</th>
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</tr>
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</tr>
<tr>
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<td>0.5 IN.</td>
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<td>3.0 IN.</td>
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</tr>
<tr>
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<tr>
<td>BASE PLATE</td>
<td>1.5 IN.</td>
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<td>2.0 IN.</td>
</tr>
<tr>
<td>LEVELING THREADS</td>
<td>1.0 IN.</td>
<td>1.0 IN.</td>
<td>1.0 IN.</td>
</tr>
<tr>
<td>Y</td>
<td>6.5 IN.</td>
<td>7.25 IN.</td>
<td>8.0 IN.</td>
</tr>
</tbody>
</table>

(NOT TO SCALE)
SEE STANDARD DRAWING PC.J1.9 FOR JUNCTION BOX, UTILITY VAULT, UTILITY VALVE, AND CONDUIT DETAILS

NOTES:

1) ANCHOR BOLTS SHALL NOT BE LOCATED WITHIN THE SIDEWALK.

2) UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER, ALL AREAS WITH ILLUMINATION SHALL ALSO REQUIRE A SPARE 2-INCH SCHEDULE 80 PVC CONDUIT, WITH SEPARATE TYPE 2 OR TYPE B JUNCTION BOXES (AS DETERMINED BY PIERCE COUNTY), LOCATION WIRE, AND UNDERGROUND DETECTABLE WARNING TAPE.

* WEEP HOLE TO BE PLACED ON DOWNHILL SIDE OF FOUNDATION

---

Light Standard Without Sidewalk

(See "Light Standard at Back of Sidewalk" detail on this sheet for foundation construction information)

(not to scale)
STREET LIGHTING SPECIFICATIONS

40-FOOT ALUMINUM LIGHT STANDARD

1) DIMENSIONS

LIGHT STANDARDS SHALL PROVIDE A FIXTURE MOUNTING HEIGHT OF 40 FEET PLUS OR MINUS 6 INCHES, WITH A MAST ARM AS SPECIFIED IN THE PLAN.

HAND HOLE (WITH GROUND LUG AND REMOVABLE COVER) CENTER SHALL BE LOCATED APPROXIMATELY 18 INCHES FROM THE BASE PLATE, ROTATED CLOCKWISE 90 DEGREES FROM MAST ARM.

2) STRENGTH

STANDARDS SHALL MEET ALL STRENGTH REQUIREMENTS OF THE CURRENT EDITION OF AASHTO FOR 115 MPH ISO TACH WHEN USED WITH A LUMINAIRE WEIGHING 48 POUNDS WITH E.P.A. OF 1.1 SQUARE FEET.

3) FINISH

THE STANDARDS AND LUMINAIRE ARMS SHALL BE MADE OF SPUN ALUMINUM, SATIN GROUND FINISH.

4) ALL ATTACHING BOLTS AND SCREWS THAT ARE NOT GALVANIZED SHALL BE STAINLESS STEEL. BOLTS THAT ATTACH THE BRACKET ARM TO THE POLE SHALL BE A MINIMUM OF 1.5 IN. LONG.

5) POLE (TOP) CAP SHALL BE FITTED ABOVE MAST ARM ATTACHMENT AND SHALL EXTEND OVER THE OUTSIDE DIAMETER OF THE POLE WITH A WATER RESISTANT FIT.

* CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF BOLT PATTERN PRIOR TO FOUNDATION CONSTRUCTION

(NOT TO SCALE)
PART | DESCRIPTION | MATERIAL
--- | --- | ---
A | STAINLESS STEEL (SS) COVER | TYPE 304 SS
B | NEOPRENE GASKET | |
C | KEYED "BEST" BRAND LOCK | |
D | STAINLESS STEEL PIANO HINGE WELDED TO DOOR | TYPE 304 SS
E | 1/4" FLAT WASHER NARROW | 118-B SS
F | 1/4" SOCKET HEAD CAP SCREW, LENGTH 3/4" | 118-B SS
G | 1/4" WASHER AND 1/4" SOCKET HEAD CAP SCREW, LENGTH 1" | 118-B SS
H | RAIN COVER (1" WIDE) | |

NOTE: ALL OTHER PART MATERIALS TO BE GALVANIZED.

(NOT TO SCALE)
4.5 IN. O.D. POLE, GALVANIZED (NOTE 2), LENGTH AS REQUIRED IN PLANS
ALUMINUM PEDESTAL BASE WITH ALUMINUM DOOR (NOTE 6)
GROUNDING LUG WITH NUT
(SEE CURRENT WSDOT STD PLAN J-30.20-XX AND PCJ.12 FOR GROUNDING DETAILS
CONDUIT HEIGHT
(SAME AS BOLT HEIGHT)
HEX NUT, WITH FLAT WASHER;
MINIMUM OF 2 THREADS ABOVE
TOP OF NUT, TYP. (NOTE 1)
SIDEWALK, IF APPLICABLE
GROUT PAD, WITH WEEP HOLE*
ANCHOR BOLT, IN ACCORDANCE WITH BASE
MANUFACTURER'S RECOMMENDATIONS, TYP.
CLAMP CONDUCTOR TO STEEL
REINFORCING WITH CONNECTOR (NOTE 3)
SUPPLEMENTARY GROUND
CONDUCTOR (NOTE 3 AND 5)
RMC CONDUIT IN ACCORDANCE WITH PLANS,
DEPTH IN ACCORDANCE WITH CURRENT
STANDARD SPECIFICATIONS (NOTE 4)

NOTES:
1) CLAMPING BOLTS SHALL BE TIGHTENED TO 50 FT-LBS MAX TORQUE. DO NOT OVER TIGHTEN.
2) ALL POLES SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.
3) SUPPLEMENTAL GROUNDING CONDUCTOR SHALL BE NON-INSULATED #4 AWG
STRANDED COPPER, PROVIDE 3 FT. MIN. SLACK. CLAMP TO VERTICAL STEEL
REINFORCING BAR WITH LISTED CONNECTOR SUITABLE FOR USE EMBEDDED IN
CONCRETE.
4) JUNCTION BOX SERVING THE STANDARD SHALL PREFERABLY BE LOCATED 5 FT.
FROM THE STANDARD (10 FT. MAX).
5) EQUIPMENT GROUNDING CONDUCTOR SHALL ATTACH TO GROUNDING LUG WITH
A FULL CIRCLE CRIMP-ON CONNECTOR (CRIMPED WITH A
MANUFACTURER-RECOMMENDED CRIPPER).
6) HAND HOLE/DOOR LOCATED AT 180 DEGREES FROM MAJOR ROADWAY.
7) FOUNDATION MAY BE CONSTRUCTED USING METHOD 1 OR METHOD 2, UNLESS
OTHERWISE SHOWN IN THE PLANS. SEE WSDOT STANDARD PLAN J-28.30-XX.
* WEEP HOLE TO BE PLACED ON DOWNHILL SIDE OF FOUNDATION.

ELEVATION

PLAN

NOT TO SCALE

#4 REBAR, TYP.
5 REQUIRED
#4 REBAR, TYP.
8 REQUIRED
CENTER ANCHOR BOLT
ASSEMBLY IN FOUNDATION
CONDUIT

13.75 IN.

12 IN. M8 BOLT CIRCLE

2.5 IN. CLR, TYP.

2.5 FT.

2.5 FT.

~10 IN., TYP.

10 IN., TYP.

(Pierce County)

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Tacoma Mall Office Building
4301 South Pine Street, Suite 628
Tacoma, Washington 98409-7207
An APWA Accredited Agency

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COUNTY ENGINEER

PIERCE COUNTY
PEDESTRIAN STANDARD
FOUNDATION

Office of the County Engineer

PCJ.1.8
NOTES:

1) NO JUNCTION OR UTILITY BOXES, VAULTS, UTILITY APPURTEINANCES, VALVES, LIDS OR COVERS SHALL BE INSTALLED IN THE LANDINGS OR RAMPS AS DESIGNATED BY CROSS HATCH.

2) USE 3/8 IN. PREMOLDED JOINT FILLER BETWEEN CONCRETE AND JUNCTION BOXES.
NOTES:

1) INSTALL END OF MOUNTING BRACKET APPROXIMATELY 6 INCHES FROM THE LUMINAIRE. SHORT SIDE OF THE BRACKET SHALL BE CLOSEST TO THE LUMINAIRE. THE CAMERA MOUNTING BRACKET SHALL BE ON THE HORIZONTAL PORTION OF THE LUMINAIRE ARM.

2) ADJUSTABLE WORM DRIVE HOSE CLAMPS SHALL BE STAINLESS STEEL WITH STAINLESS STEEL HARDWARE, 0.5-INCH WIDE, AND OF AN APPROPRIATE LENGTH FOR THE LUMINAIRE ARM DIAMETER. TUCK EXCESS HOSE CLAMP (TAIL) BACK INTO THE SLOT ON THE CAMERA MOUNT. EACH SLOT IN THE MOUNTING BRACKET SHALL HAVE ONE HOSE CLAMP. USE ALL SLOTS.

3) USE THREADED BUSHING (GALVANIZED STEEL) FOR POLE ENTRY. BUSHING SIZE TO BE DETERMINED BY THE CABLE SIZE. POLE ENTRY SHALL BE ON THE BOTTOM SIDE OF THE LUMINAIRE ARM.

4) PROVIDE A SERVICE LOOP 6-8 INCHES IN DIAMETER, WITH ONE WRAP. FOR CAMERAS WITH SHIELDED COAX CABLE, ENSURE THE SHIELDING IS UNDER THE SHIELD GROUNDING CLAMP WHERE IT CONNECTS TO THE BACK OF THE CAMERA. IT MAY BE NECESSARY TO REMOVE THE OUTER JACKET FROM THE CAMERA TO THE BUSHING - FOLLOW THE MANUFACTURER’S INSTALLATION INSTRUCTIONS.

5) SUPPORT AND TIE WRAP VIDEO CABLE TO THE C-HOOK AT THE TOP OF THE SIGNAL STANDARDS. TIE WRAP SERVICE LOOP TO MAST ARM. THERE SHOULD BE NO TENSION ON THE VIDEO CABLE BETWEEN THE C-HOOK AND THE CAMERA.
1) ONE FULL WRAP OF ALL ILLUMINATION CONDUCTOR IS REQUIRED, BOTH BEFORE AND AFTER THE SPLICE ENCLOSURES. THIS WILL BE APPROXIMATELY 4-10 FEET PER WRAP, DEPENDING ON JUNCTION BOX SIZE.

2) USER GROUND SHALL PASS THROUGH THE GROUND BUSHING AND TERMINATE AT THE GROUND LUG.

3) ILLUMINATION CONDUCTOR SHALL BE #8 AWG, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.

4) PROVIDE ENOUGH CONDUCTOR SLACK SO THAT FUSED QUICK-DISCONNECT KITS CAN BE COMPLETELY REMOVED FROM HARDWARE FOR INSPECTION AND MAINTENANCE (APPROXIMATELY 24 INCHES BOTH BEFORE AND AFTER THE QUICK-DISCONNECT KIT).

5) MULTIPLE SPLICE KITS ARE NOT ALLOWED IN LIEU OF PROVIDING THE CORRECT NUMBER OF CONDUCTORS.

6) LOAD SIDE TOWARD LUMINAIRE; LINE SIDE TOWARD FOUNDATION.

JUNCTION BOX WIRING DETAIL
FOR GROUNDING DETAILS, SEE PC.J1.12

BASE WIRING DETAIL
(SHOWS ILLUMINATION CONDUCTOR/CONDUIT ONLY)
FOR GROUNDING DETAILS, SEE PC.J1.12

ILLUMINATION WIRING DETAILS

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An APWA Accredited Agency

BRIAN D. STACY, P.E.
COUNTY ENGINEER

ILLUMINATION WIRING DETAILS

PC.J1.11
NOTES:

1) SERVICE GROUND IS REQUIRED AT ALL ELECTRICAL SERVICE CABINETS.

2) GROUNDING ELECTRODE CONDUCTORS AND BONDING JUMPERS SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (#8 AWG MINIMUM).

3) GROUND ROD CLAMPS SHALL BE ACORN STYLE AND ON THE WSDOT QUALIFIED PRODUCT LIST.

4) GROUNDING ELECTRODE CONDUCTOR SHALL BE CONTINUOUS - NO SPICES ARE ALLOWED.

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COUNTY ENGINEER

TYPICAL GROUNDING DETAILS
SHEET 2 OF 2

PC.J1.13
CABINET: NEMA 3R POLE MOUNTED WITH TOP OF CABINET FEED HINGED COVER, 2 STAINLESS STEEL DRAW HASPS "BEST" LOCK ON DOOR (BRASS, SPRING RETURN TAPERED BOLT)
FINISH: BARE, MILL FINISH ALUMINUM

ITEM | COMPONENT SCHEDULE
--- | ---
1 | SERVICE CONNECTION PER UTILITY REQUIREMENTS CONTRACTOR TO VERIFY WITH SERVING UTILITY
2 | PANEL BOARD, 125A, 120/240VAC, 3 PHASE 3W.
2A | MAIN
2B | CONTROL
2C | SIGNAL
3 | LIGHTING
3A | (FOR FLASHER OPERATION)
3B | CONTACTOR, 30A, 2-POLE, 600V, 120V COIL, 120VA INRUSH, 60HZ
4 | CONTROL SWITCH, 15A, SPDT "HAND-OFF-AUTO" NAMEPLATE
5 | 3-POINT TERMINAL BLOCK FOR CONNECTION TO REMOTE PHOTOCELL
6 | COPPER NEUTRAL
7 | SOLID STATE NEMA SIGNAL FLASHER IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS; 4 PIN TYPE
8 | FLASHER TERMINAL BLOCK FOR FIVE #12AWG SIGNAL CONDUCTORS IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS
CONTRACTOR TO VERIFY REQUIREMENTS & ACCEPTABILITY WITH SERVICE COMPANY

COMPONENT SCHEDULE
METER BASE, 200 AMP, 4 JAW, WITH BYPASS BLOCKS, LEVERS, AND/OR SHUNTS PER UTILITY COMPANY.

Panel Board 120/240 VAC, 1 PHASE, 3 WIRE, 125 AMP, 18CKT, COPPER BUS,
WESTINGHOUSE TYPE BAB BOLT-ON-BREAKERS, 10 KAIC, S.U.S.E. 125/2 MAIN
(WESTINGHOUSE BAB 2125).

Lighting Contactors, 30 A, 2 POLE, 600 VOLT, 120 VOLT COIL, IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

Receptacle, 120 BOLT, 20 A.

Photo Cell Bypass Switch, 15 A, SPDT, 120 VOLT.

Three Point Terminal Block for Remote Photocell.

CABINET
NEMA 3R, PADMOUNT, 1/8 IN. MILL FINISH ALUMINUM CONSTRUCTION,
REMOVABLE EQUIPMENT MOUNTING PAN, 2 SCREENED & GASKETED VENTS,
HINGED DEADFRONT.

HOUSE SIDE
DOOR: HEAVY DUTY CONCEALED HINGE, LIFT-OFF TYPE,
STAINLESS STEEL VAULT HANDLES, BEST Cx LOCK WITH BLUE CONSTRUCTION CORE, CLOSED CELL NEOPRENE
GASKET. HINGES ON LEFT SIDE OF DOOR.

STREET SIDE
DOOR: HEAVY DUTY CONCEALED HINGE, 3-SIDED TO FULLY EXPOSE
METER WHEN OPENED, PADLOCKABLE, POLISHED WIRE
4 IN. X 4 IN. GLASS WINDOW. HINGES ON RIGHT SIDE OF
DOOR.

FINISH: BARE, MILL FINISH ALUMINUM.

WIRED AND LABELED IN ACCORDANCE WITH UL STANDARD #508A, SUITABLE FOR USE AS SERVICE EQUIPMENT.
NOTES:

1) 3/8 IN. #8 PLASTIC DRAIN TUBE TO BE PROVIDED FROM BASE OF CABINET TO TOP OF CONCRETE PAD AT HOUSE SIDE OF CONCRETE PEDESTAL.

2) SERVICE CABINET GROUNDING CONDUIT NOT SHOWN. CONDUIT SHALL BE RMC, SEE PC.J1.12 AND PC.J1.13 FOR TYPICAL GROUNDING DETAILS. NO GROUND RODS SHALL BE INSTALLED IN THE PEDESTAL.

3) DIMENSIONS TO SUIT CABINET; CONTRACTOR SHALL VERIFY ACTUAL CABINET MEASUREMENTS PRIOR TO FORMING CONCRETE PAD AND PEDESTAL.

4) CONCRETE PAD SHALL HAVE A BRUSHED FINISH; THE CONCRETE PEDESTAL TOP SHALL HAVE A SMOOTH, TROWEL FINISH, WITH 0.5 IN. ROUND FILLET ON OUTSIDE TOP EDGE.

5) SEAL CONCRETE PEDESTAL TOP WITH SILVER PAINT. APPLY ADEQUATE OUTDOOR SEALANTJUST PRIOR TO PLACING CABINET. SEAL CABINET TO CONCRETE PEDESTAL. APPLY DRESS BEADING AROUND CABINET TO COMPLETE SEAL. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

6) CONDUITS SHALL BE INSTALLED WITHIN THE FRONT HALF OF THE SERVICE CABINET. THE NEAREST EDGE OF THE EXPOSED CONDUIT SHALL BE SPACED 6 IN. MIN TO 9 IN. MAX MEASURED FROM THE HOUSE SIDE OF THE CONCRETE PEDESTAL. THE EXPOSED CONDUIT SHALL NOT INTERFERE WITH THE CABINET BASE.

7) SERVICE CONDUIT INTO THE SERVICE CABINET SHOULD FOLLOW LOCAL POWER UTILITY SPECIFICATIONS; PLACEMENT TO MATCH SERVICE CABINET CONSTRUCTION. SOME UTILITIES MAY REQUIRE A DATA CONDUIT.
NOTES:

1) SERVICE CABINET TO BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET. CONTROLLER CABINET DOOR TO OPEN OPPOSITE TO SERVICE CABINET LOCATION.

2) 3/8 IN. Ø PLASTIC DRAIN TUBE TO BE PROVIDED FROM BASE OF EACH CABINET TO TOP OF CONCRETE PAD AT HOUSE SIDE OF CONCRETE PEDESTAL.

3) SERVICE CABINET GROUNDING CONDUIT NOT SHOWN. CONDUIT SHALL BE RMC. SEE PC.J1.12 AND PC.J1.13 FOR TYPICAL GROUNDING DETAILS. NO GROUND RODS SHALL BE INSTALLED IN THE PEDESTAL.

4) DIMENSIONS TO SUIT CABINETS; CONTRACTOR SHALL VERIFY ACTUAL CABINET MEASUREMENTS PRIOR TO FORMING CONCRETE PAD AND PEDESTAL.

5) CONCRETE PAD SHALL HAVE A BRUSHED FINISH; THE CONCRETE PEDESTAL TOP SHALL HAVE A SMOOTH, TROWEL FINISH, WITH 0.5 IN. ROUND FILLET ON OUTSIDE TOP EDGE.

6) SEAL CONCRETE PEDESTAL TOP WITH SILVER PAINT. APPLY ADEQUATE OUTDOOR SEALANT JUST PRIOR TO PLACING CABINET. SEAL CABINET TO CONCRETE PEDESTAL. APPLY DRESS BEADING AROUND CABINET TO COMPLETE SEAL. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

7) CONDUITS SHALL BE INSTALLED WITHIN THE FRONT HALF OF THE CONTROLLER AND SERVICE CABINETS. THE NEAREST EDGE OF THE EXPOSED CONDUIT SHALL BE SPACED 6 IN. MIN. TO 9 IN. MAX MEASURED FROM THE HOUSE SIDE OF THE CONCRETE PEDESTAL. THE EXPOSED CONDUIT SHALL NOT INTERFERE WITH THE CABINET BASE.

8) SERVICE CONDUIT INTO THE SERVICE CABINET SHOULD FOLLOW LOCAL POWER UTILITY SPECIFICATIONS; PLACEMENT TO MATCH SERVICE CABINET CONSTRUCTION. SOME UTILITIES MAY REQUIRE A DATA CONDUIT.

6 IN. GAP BETWEEN CABINETS

CONDUIT INSTALLATION ZONE PLAN VIEW

(NOT TO SCALE)
NOTES:

1) SERVICE CABINET TO BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET. CONTROLLER CABINET DOOR TO OPEN OPPOSITE TO SERVICE CABINET LOCATION. BATTERY BACKUP CABINET TO BE INSTALLED ON RIGHT SIDE OF CONTROLLER CABINET. BATTERY BACKUP CABINET DOOR TO OPEN TOWARD THE STREET SIDE.

2) 3/8 IN. & PLASTIC DRAIN TUBE TO BE PROVIDED FROM BASE OF EACH CABINET TO TOP OF CONCRETE PAD AT HOUSE SIDE OF CONCRETE PEDESTAL.

3) SERVICE CABINET GROUNDING CONDUIT NOT SHOWN. CONDUIT SHALL BE RMC. SEE PC.J1.12 AND PC.J1.13 FOR TYPICAL GROUNDING DETAILS. NO GROUND RODS SHALL BE INSTALLED IN THE PEDESTAL.

4) CONCRETE PAD SHALL HAVE A BRUSHED FINISH; THE CONCRETE PEDESTAL TOP SHALL HAVE A SMOOTH, TROWEL FINISH, WITH 0.5 IN. ROUND FILLET ON OUTSIDE TOP EDGE.

5) DIMENSIONS TO SUIT CABINETS; CONTRACTOR SHALL VERIFY ACTUAL CABINET MEASUREMENTS PRIOR TO FORMING CONCRETE PAD AND PEDESTAL.

6) SEAL CONCRETE PEDESTAL TOP WITH SILVER PAINT. APPLY ADEQUATE OUTDOOR SEALANT JUST PRIOR TO PLACING CABINET. SEAL CABINET TO CONCRETE PEDESTAL. APPLY DRESS READIN G AROUND CABINET TO COMPLETE SEAL. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

7) CONDUITS SHALL BE INSTALLED WITHIN THE FRONT HALF OF THE CONTROLLER, SERVICE, AND BATTERY BACKUP CABINETS. THE NEAREST EDGE OF THE EXPOSED CONDUIT SHALL BE SPACED 6 IN. MIN TO 9 IN. MAX MEASURED FROM THE HOUSE SIDE OF THE CONCRETE PEDESTAL. THE EXPOSED CONDUIT SHALL NOT INTERFERE WITH THE CABINET BASE.

8) SERVICE CONDUIT INTO THE SERVICE CABINET SHOULD FOLLOW LOCAL POWER UTILITY SPECIFICATIONS; PLACEMENT TO MATCH SERVICE CABINET CONSTRUCTION. SOME UTILITIES MAY REQUIRE A DATA CONDUIT.

9) COUNTY ENGINEER SHALL DETERMINE WHEN BATTERY BACKUP SYSTEM AND PEDESTAL SHALL BE USED.

10) CONCRETE PEDESTAL SHALL BE CONSTRUCTED LEVEL. CONCRETE PAD SHALL BE SLOPED TO THE HOUSE SIDE (2% SLOPE) TO FACILITATE WATER RUNOFF.

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COMBINED CONTROLLER, SERVICE CABINET, AND BATTERY BACKUP PEDESTAL

PC.J2.6