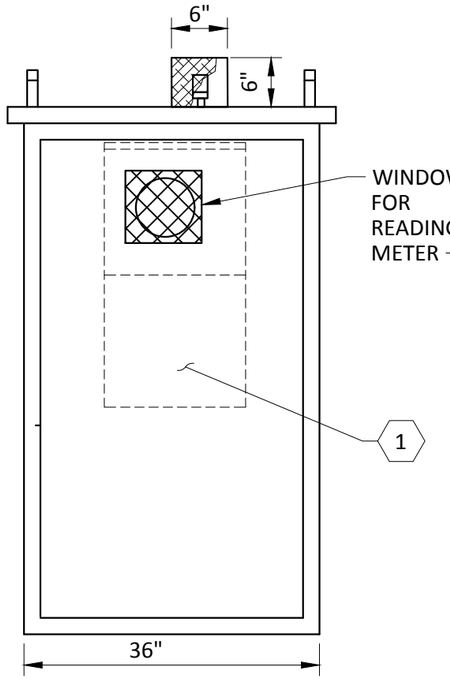
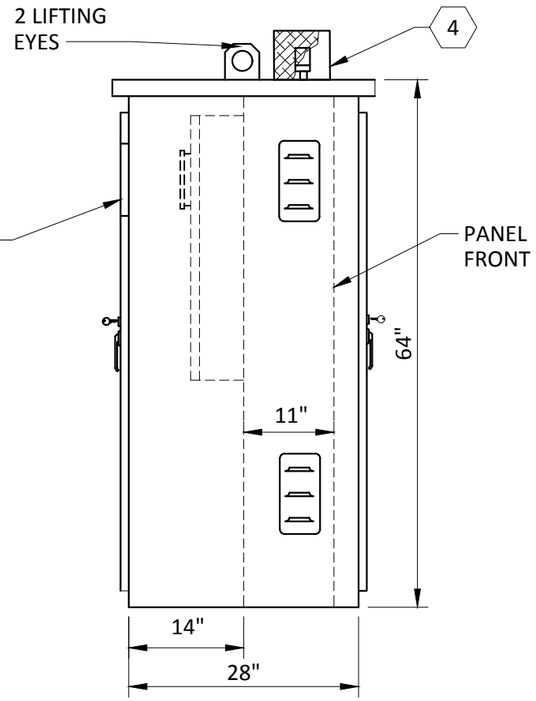


PUD METER SIDE



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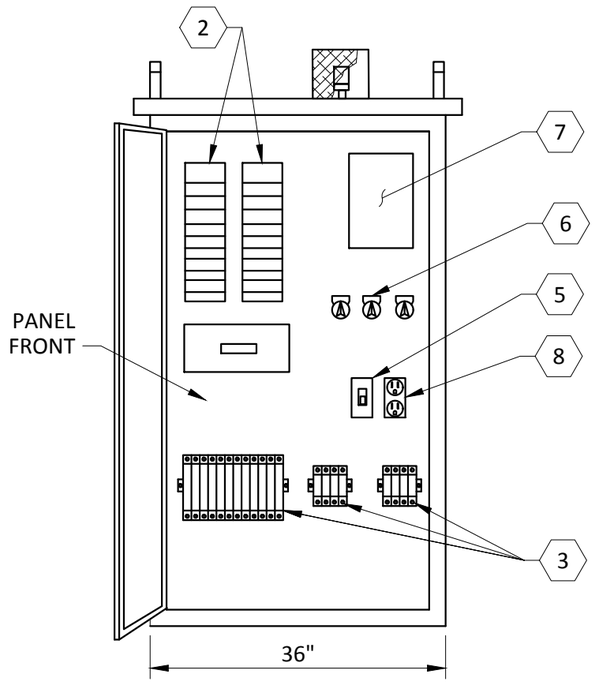


LOAD SIDE

COMPONENT SCHEDULE:

1. METERBASE: 400 AMP MAX, 320 CONT, 4 JWA, AW #324N WITH BYPASS BLOCKS (CONTRACTOR TO VERIFY WITH PUD.

2. PANELBOARD: 120V/240 VAC, 400 AMP, 1 PHASE, 3 WIRE, COPPER BUS SERIES RATED AT 65 KAIC, 30 CKT INTERIOR. MAIN BREAKER 30O AMP, 2 POLE, "CUTLER HAMMER" #DK2300, "CUTLER HAMMER" TYPE BAB BOLT-ON BRANCH BREAKERS:
   - 2 - 30/2 STREET LIGHTING BRANCH (PROVISIONS FOR 2 MORE).
   - 2 - 30/2 ORNAMENTAL LIGHTING BRANCH
   - 2 - 30/1 SIGNAL BRANCH
   - 1 - 15/1 CONTROL CKT BRANCH.
   - 1 - 20/1 RECEPTACLE BRANCH
   - 2 - 20/1 SPARE BRANCH
   - 12 - 20/1 HOLIDAY LIGHTING BRANCH.
   - 4 - SPARE SPACE

3. CONTACTOR: 30 A, LIGHTING RATED, 120 VAC COIL. 2 - REQUIRED, 4-POLE, STREET LIGHTING & ORNAMENTAL LIGHTING (PROVISIONS FOR 1 MORE). 1 - REQUIRED, 12-POLE, HOLIDAY LIGHTING

4. PHOTOCELL: 1800 WATT, 105 TO 305 VAC, PHOTO DIODE TYPE PER WSDOT SPEC, ALR #SST-PV-IES.

5. PHOTO-CELL BYPASS SWITCH SPDT, 20 AMP, 277 VOLT RATED "TEST SWITCH".

6. CONTROL SWITCH: 30MM, HOA SWITCH SQ D #9001KS43B.
   3-REQUIRED: STREET LTG, ORNAMENTAL LTG, HOLIDAY LIGHTING.

7. TIMER: 24 HR, 120 VAC, 40 AMP, WITH SPRING WOUND CARRYOVER WIRED IN SERIES WITH PHOTOCELL, FOR ORNAMENTAL LTG & HOLIDAY LIGHTING.

8. CONVENIENCE OUTLET: DUPLEX RECEPTACLE, GFCI, 120 VAC, 20A.

CABINET FABRICATION NOTES:

1. CABINET: NEMA 3R, PADMOUNT, WELDED SEAM CONSTRUCTION, #12 PRE-GALVANIZED STEEL, OPEN BOTTOM WITH 2" INSIDE RETURN, 2 SCREENED AND GASKETSED VENTS AND U.L. LISTED. FOUNDATION PER CITY STD. DWG 826.

2. DOORS: HEAVY DUTY CONCEALED HINGE (LIFT-OFF TYPE). CLOSED CELL NEOPRENE GASKET AND PADS. METER DOOR WITH POLISHED WIRE GLASS WINDOW.

3. LOCKABLE VAULT HANDLES: STAINLESS STEEL.

4. PANEL DOOR: 3 POINT LATCH, TUMBLER LOCK, KEYED FOR "BEST" LOCK AND SUPPLIED WITH A BLUE CONSTRUCTION CORE.

5. METER DOOR: SINGLE POINT LATCH WITH PADLOCK. HANDLE TO OPEN AWAY FROM KEY/LOCK.

6. INCLUDE LIFTING EYES ON CABINET ROOF.

7. PAINT: ZINC RICH ALUMINUM OUTSIDE, POLYESTER POWDER COAT WHITE INSIDE.

8. ALL UNFUSED POWER SHALL BE PROTECTED FROM ACCIDENTAL CONTACT BY MAINTENANCE PERSONNEL AND ISOLATED IN ENCLOSED RACEWAYS/WIRE CUTTERS.

9. PANEL BOARDS SHALL EITHER BE TOTALLY ENCLOSED OR PROTECTED WITH A DEAD-FRONT DOOR.

10. FEEDS TO PANEL BOARDS TO OCCUR DIRECTLY THROUGH BACK OF PANEL BOARD OR VIA ENCLOSED WIRE CUTTER.

WSDOT STD PLAN X-20.10-10 ACCEPTABLE SUBSTITUTE

DRAFT

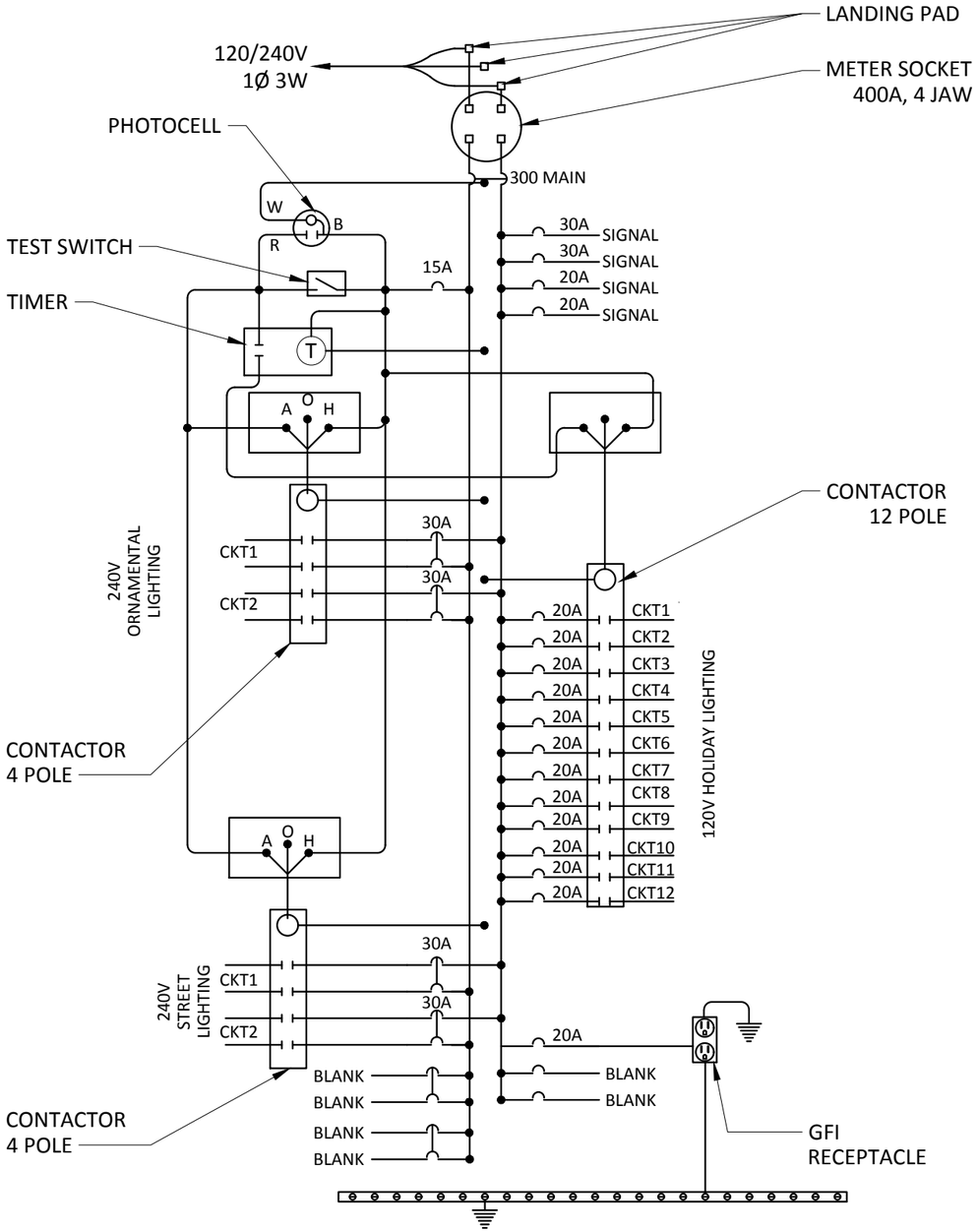
CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

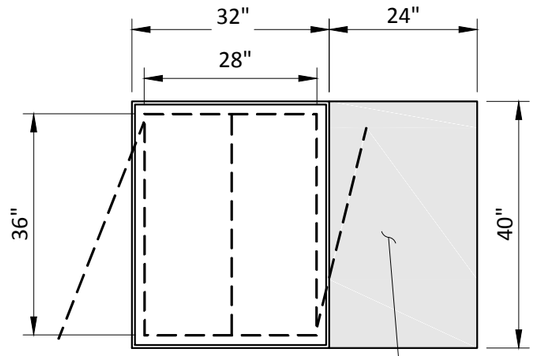
TITLE: 400 AMP SERVICE CABINET

STANDARD DRAWING No.: 801

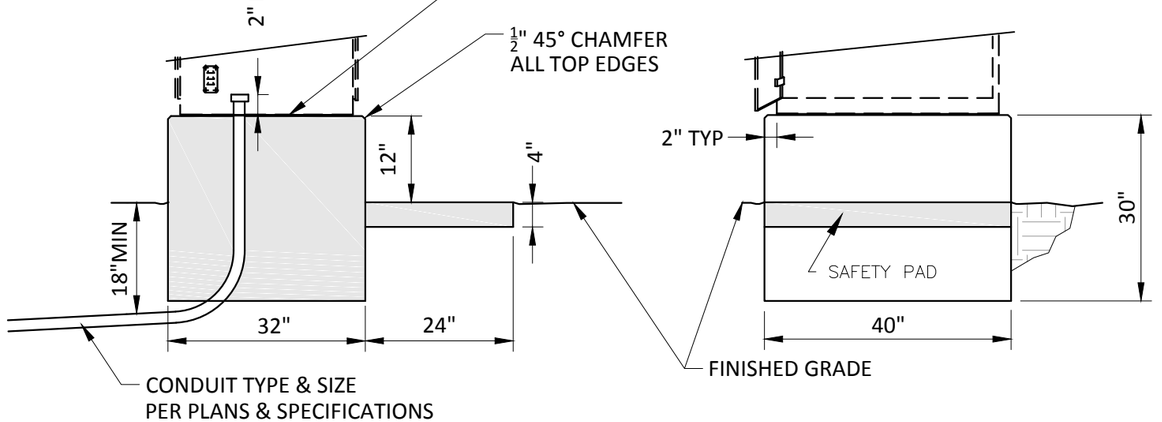
Filename
T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD801.DWG
PLOTTED: 12/29/2016 8:16 AM



WIRING SCHEMATIC



TOP



SIDE

FRONT

FOUNDATION & SAFETY PAD NOTES

1. FORMED CONSTRUCTION.
2. COMMERCIAL CONCRETE.
3. $\frac{1}{2}$" CHAMFER AT FOUNDATION TOP.
4. STAINLESS STEEL ANCHOR BOLTS, LOCATION, SIZE AND QUANTITY PER CABINET MFG SPEC.
5. FOUNDATION AND PAD TO SIT ON UNDISTURBED SOIL.
6. CONDUIT TO EXTEND 2" MIN TO 3" MAX ABOVE FOUNDATION.
7. TOP SURFACE SHALL BE LEVEL.

WSDOT STD PLAN X-20.10-10 ACCEPTABLE SUBSTITUTE

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

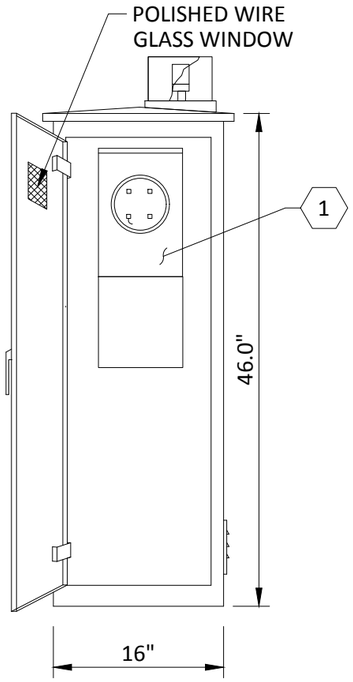
City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE: 400 AMP SERVICE CABINET

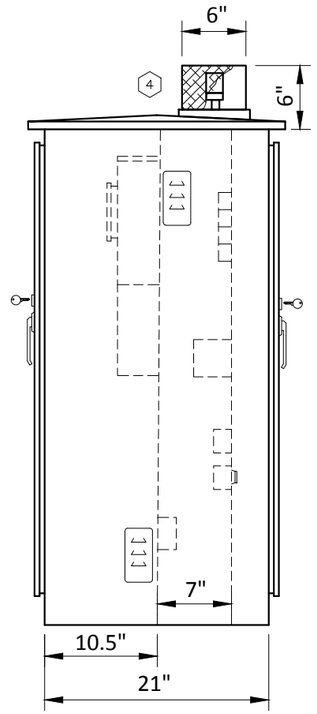
STANDARD DRAWING No.: 802

DRAFT

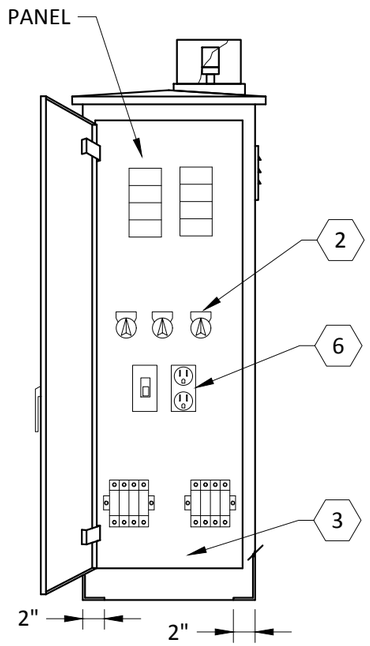
Filename
T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD802.DWG
PLOTTED: 12/29/2016 8:16 AM



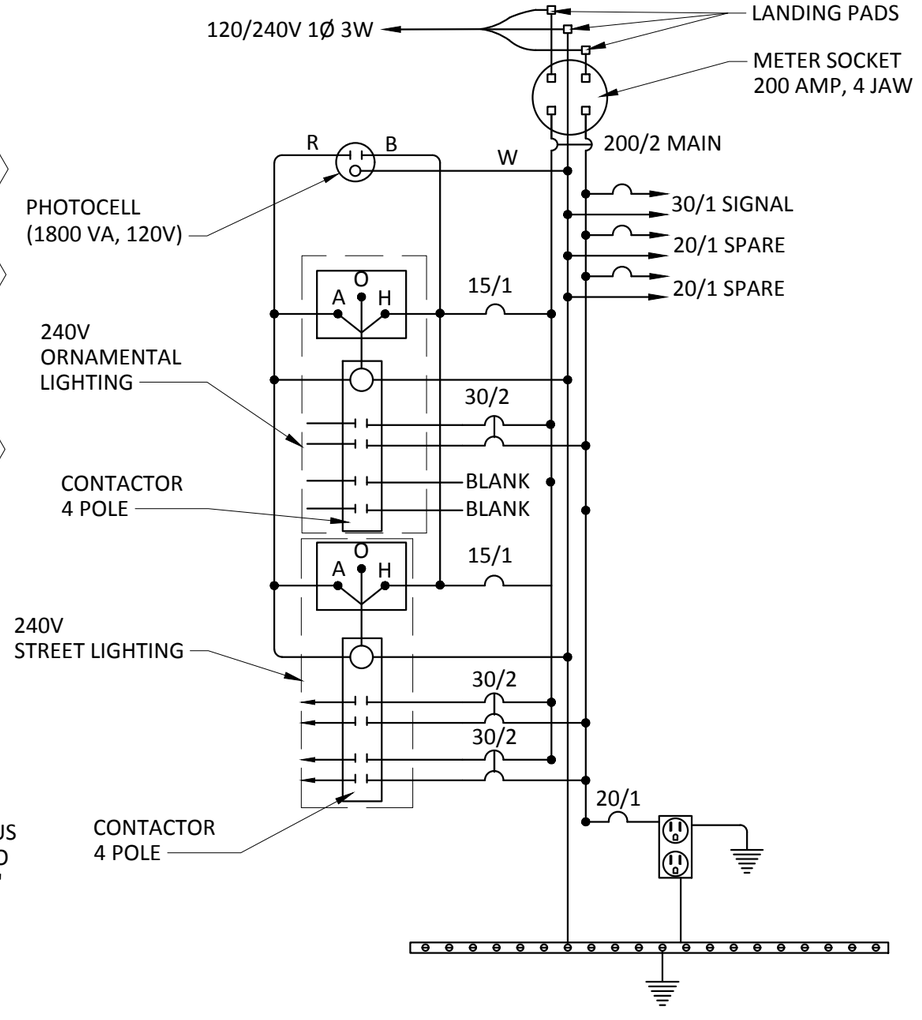
PUD METER SIDE



SIDE



LOAD SIDE



WIRING SCHEMATIC

CABINET ENCLOSURE NOTES

CABINET: NEMA 3R, PADMOUNT, WELDED SEAM CONSTRUCTION, #12 PRE-GALVANIZED STEEL, OPEN BOTTOM WITH 2" INSIDE RETURN, 2 SCREENED AND GASKETED VENTS AND U.L. LISTED. FOUNDATION PER CITY STD DWG 826.

DOORS: HEAVY DUTY CONCEALED HINGE (LIFT-OFF TYPE) CLOSED CELL NEOPRENE GASKET AND PADS. METER DOOR WITH POLISHED WIRE GLASS WINDOW.

LOCKABLE VAULT HANDLES: STAINLESS STEEL

PANEL DOOR: WITH 3 POINT LATCH, TUMBLER LOCK, KEYED FOR "BEST" LOCK AND SUPPLIED WITH A BLUE CONSTRUCTION CORE.
METER DOOR: SINGLE POINT LATCH WITH PADLOCK. HANDLE TO OPEN AWAY FROM KEY/LOCK.

INCLUDE LIFTING EYES ON CABINET ROOF.

PAINT: ZINC RICH ALUMINUM OUTSIDE, INSIDE POLYESTER POWDER COAT WHITE.

ALL UNFUSED POWER SHALL BE PROTECTED FROM ACCIDENTAL CONTACT BY MAINTENANCE PERSONNEL AND ISOLATED IN ENCLOSED RACEWAYS/WIRE GUTTERS.

PANEL BOARDS SHALL EITHER BE TOTALLY ENCLOSED OR PROTECTED WITH A DEAD-FRONT DOOR.

FEEDS TO PANEL BOARDS TO OCCUR DIRECTLY THROUGH BACK OF PANEL BOARD OR VIA ENCLOSED WIRE GUTTER.

COMPONENT SCHEDULE

1. METERBASE: 200 AMP, 4 JAW, AW #U264 WITH BYPASS BLOCKS (CONTRACTOR TO VERIFY WITH PUD).

2. PANELBOARD: 120V/240 200 AMP, 1 PHASE, 3 WIRE, COPPER BUS SERIES RATED AT 65 KAIC, 18 CKT INTERIOR. MAIN BREAKER 20O AMP, 2 POLE, "CUTLER HAMMER" #ED2200, "CUTLER HAMMER" TYPE BAB BOLT-ON BRANCH BREAKERS:
   - 2 - 30/2 STREET LIGHTING BRANCH.
   - 1 - 30/2 ORNAMENTAL LIGHTING BRANCH
   - 1 - 30/1 SIGNAL BRANCH
   - 1 - 15/1 CONTROL CKT BRANCH.
   - 1 - 20/1 RECEPTACLE BRANCH
   - 2 - 20/1 SPARE BRANCH
   - 7 - SPARE SPACE.

3. CONTACTOR: 30 A, LIGHTING RATED, 4 POLE, 120 VAC COIL, 2 REQUIRED.

4. PHOTOCELL: 1800 WATT, 105 TO 305 VAC, PHOTO DIODE TYPE PER WSDOT SPEC, ALR #SST-PV-IES.

5. PHOTO-CELL BYPASS SWITCH HOA, 30 MM, "SQ D #9001KS43B".

6. CONVENIENCE OUTLET: DUPLEX RECEPTACLE, 120 VAC, GFCI. 125 VAC, 20 A.

WSDOT STD PLAN X-20.10-10 ACCEPTABLE SUBSTITUTE

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

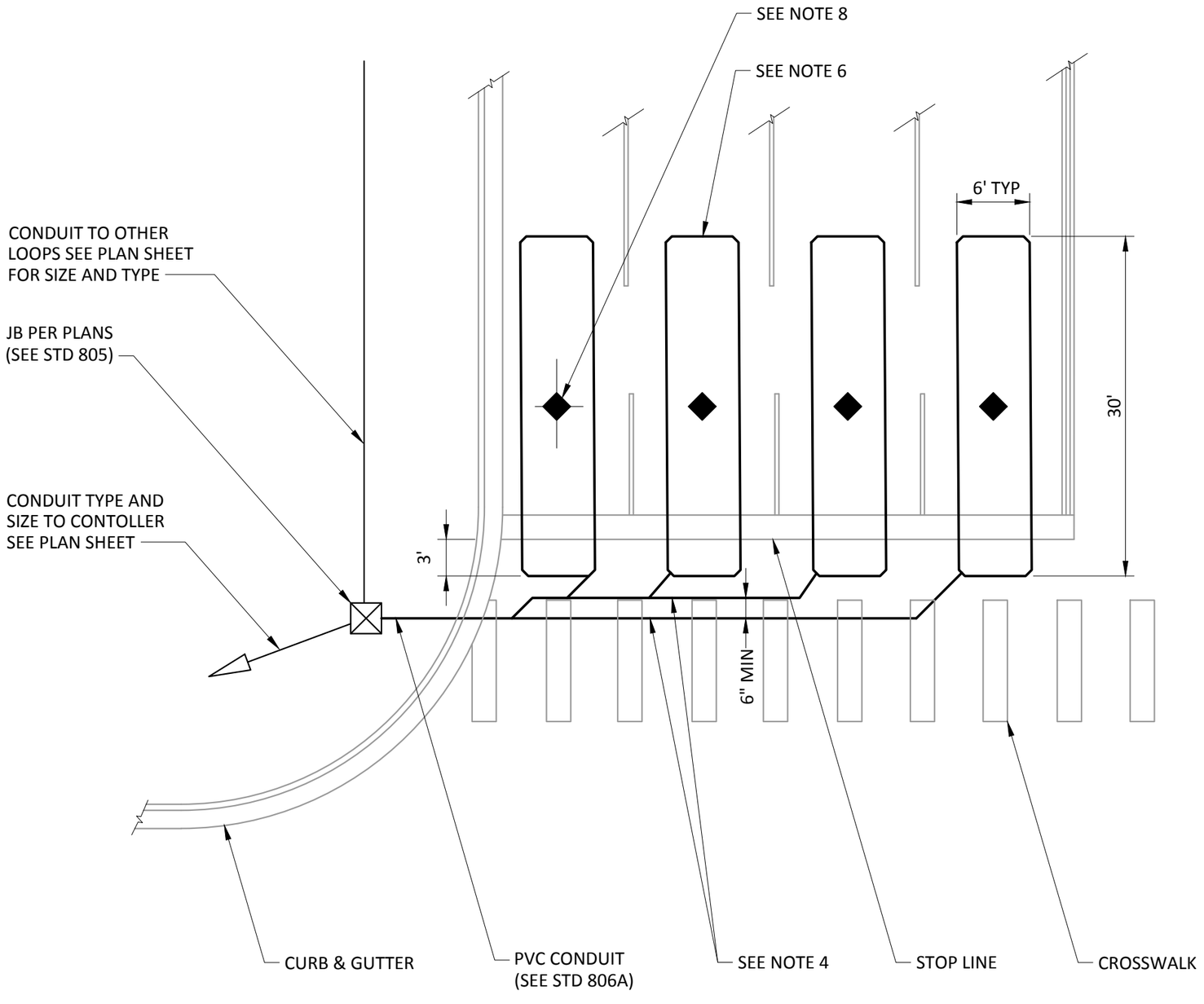
City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
200 AMP SERVICE CABINET
FOR METERED SIGNAL, ORNAMENTAL LIGHTING W/PHOTOCELL FOR LIGHTING

STANDARD DRAWING No.
803

DRAFT

Filename
T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD803.DWG
PLOTTED: 12/29/2016 8:17 AM



NOTES:

1. UNLESS OTHERWISE INDICATED ON PLANS ALL LOOP DETECTORS SHALL BE CENTERED IN THE LANE.
2. FOR LANES 14' AND WIDER, 8'x30' LOOP WILL BE USED.
3. ALL LOOP DETECTORS SHALL BE BROUGHT BACK AS INDIVIDUALLY TWISTED AND SHIELDED PAIR, THIS SHIELDED PAIR MAY BE CONTAINED IN MULTI-PAIR (INDIVIDUALLY SHIELDED AND TWISTED) CABLE.
4. INSTALL MAXIMUM OF 3 LOOPS PER SAWCUT. ONLY LOOPS ASSOCIATED WITH THE SAME SIGNAL PHASE SHALL BE INSTALLED IN THE SAME SAWCUT.
5. FOR CROSSWALK AND STOPLINE LAYOUT SEE STANDARD DRAWING 721.
6. FOR LOOP INSTALLATION SPECIFICATIONS SEE STANDARD DRAWING 806A & 806B.
7. HOME RUNS WILL CROSS ADJACENT LANES AT RIGHT ANGLE TO DIRECTION OF TRAVEL SO AS TO NOT CONFLICT WITH FUTURE LOOP INSTALLATION IN THE ADJACENT LANES.
8. 6"x6" WHITE STAMARK TAPE LOCATED AT THE CENTER OF THE LOOP, ORIENTED AS A DIAMOND IN THE LANE TO BE INSTALLED BY CITY FORCES OR STRIPING CONTRACTOR.

Filename
T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD804.DWG
PLOTTED: 12/29/2016 8:17 AM

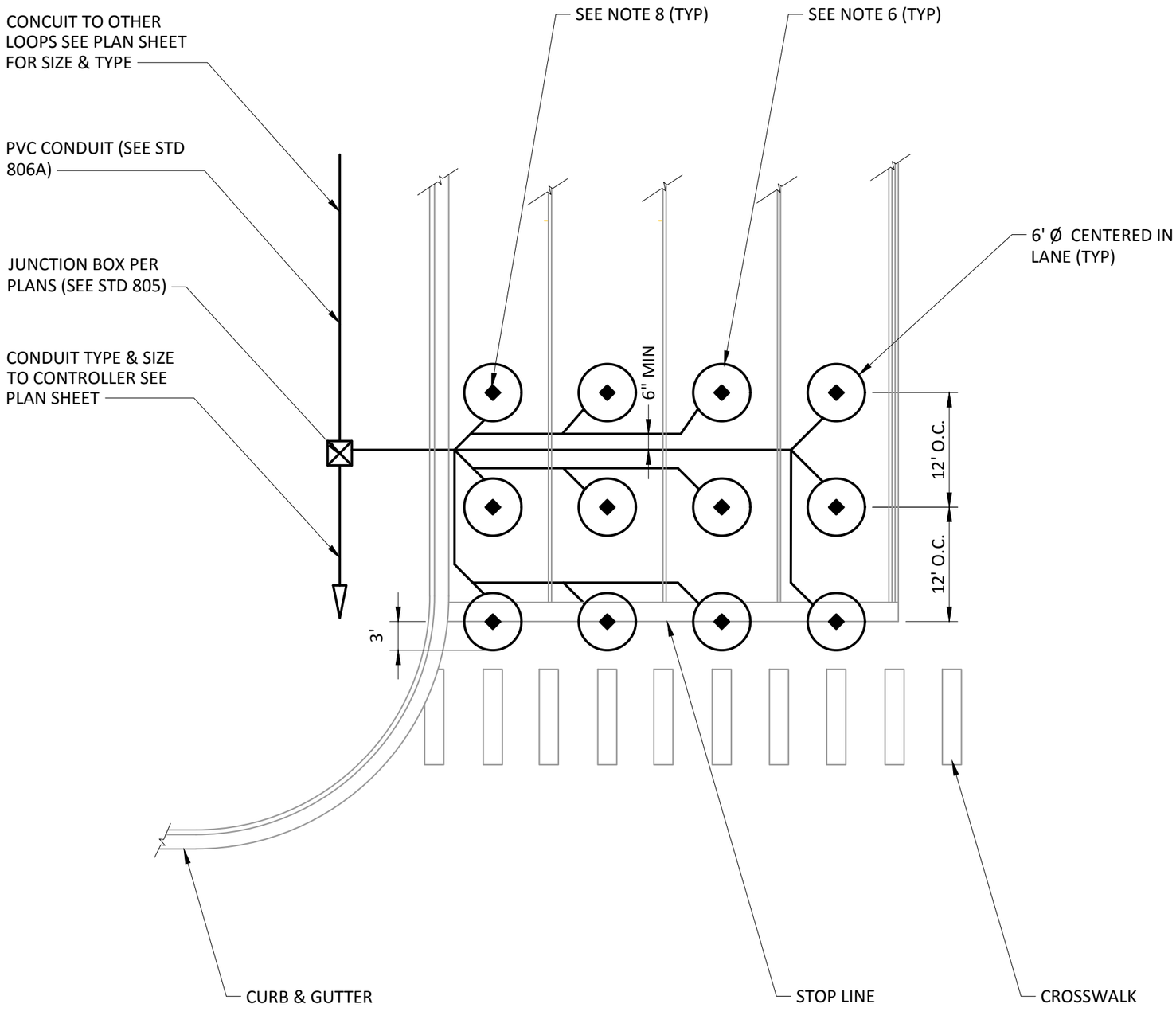
DRAFT

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
TYPE 1 STOP LINE LOOP DETECTION LAYOUT

STANDARD DRAWING No.
804



NOTES:

1. UNLESS OTHERWISE INDICATED ON PLANS ALL LOOP DETECTORS SHALL BE CENTERED IN THE LANE.
2. FOR LANES 14' AND WIDER, LOOP LAYOUT WILL BE ADJUSTED IN THE FIELD BY THE ENGINEER.
3. LOOP SPLICING TO LEAD-IN CABLE PER PLANS.
4. INSTALL MAXIMUM OF 3 LOOPS PER SAWCUT. ONLY LOOPS ASSOCIATED WITH THE SAME SIGNAL PHASE SHALL BE INSTALLED IN THE SAME SAWCUT.
5. FOR CROSSWALK AND STOPLINE LAYOUT SEE STANDARD DRAWING 721.
6. FOR LOOP INSTALLATION SPECIFICATIONS SEE STANDARD DRAWING 806A & 806B.
7. HOME RUNS WILL CROSS ADJACENT LANES AT RIGHT ANGLE TO DIRECTION OF TRAVEL SO AS TO NOT CONFLICT WITH FUTURE LOOP INSTALLATION IN THE ADJACENT LANES.
8. 6"x6" WHITE STAMARK TAPE LOCATED AT THE CENTER OF THE LOOP, ORIENTED AS A DIAMOND IN THE LANE TO BE INSTALLED BY CITY FORCES OR STRIPING CONTRACTOR.

Filename
T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD805.DWG
PLOTTED: 12/29/2016 8:17 AM

DRAFT

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

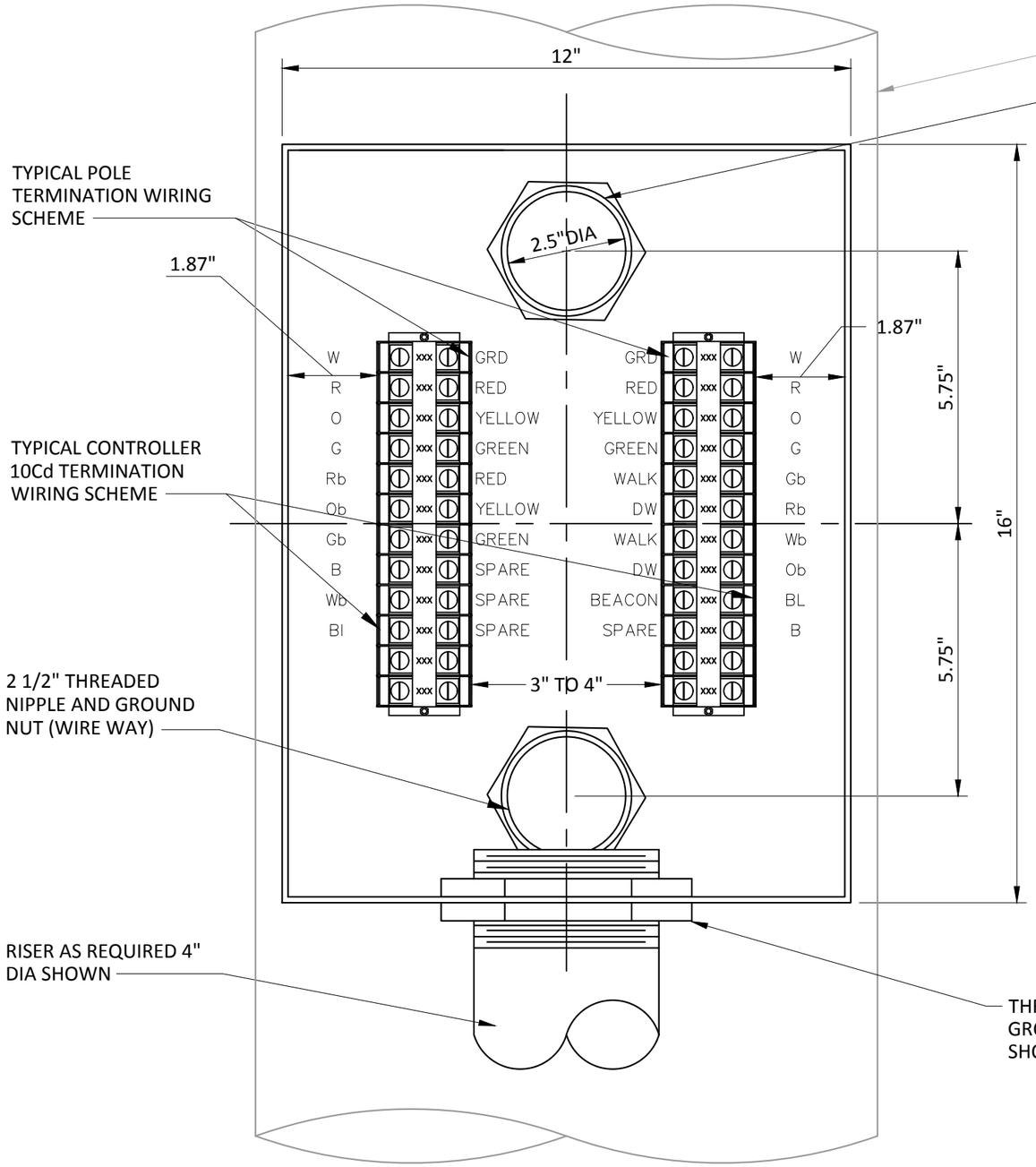
City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
TYPE 2 STOP LINE LOOP DETECTION LAYOUT

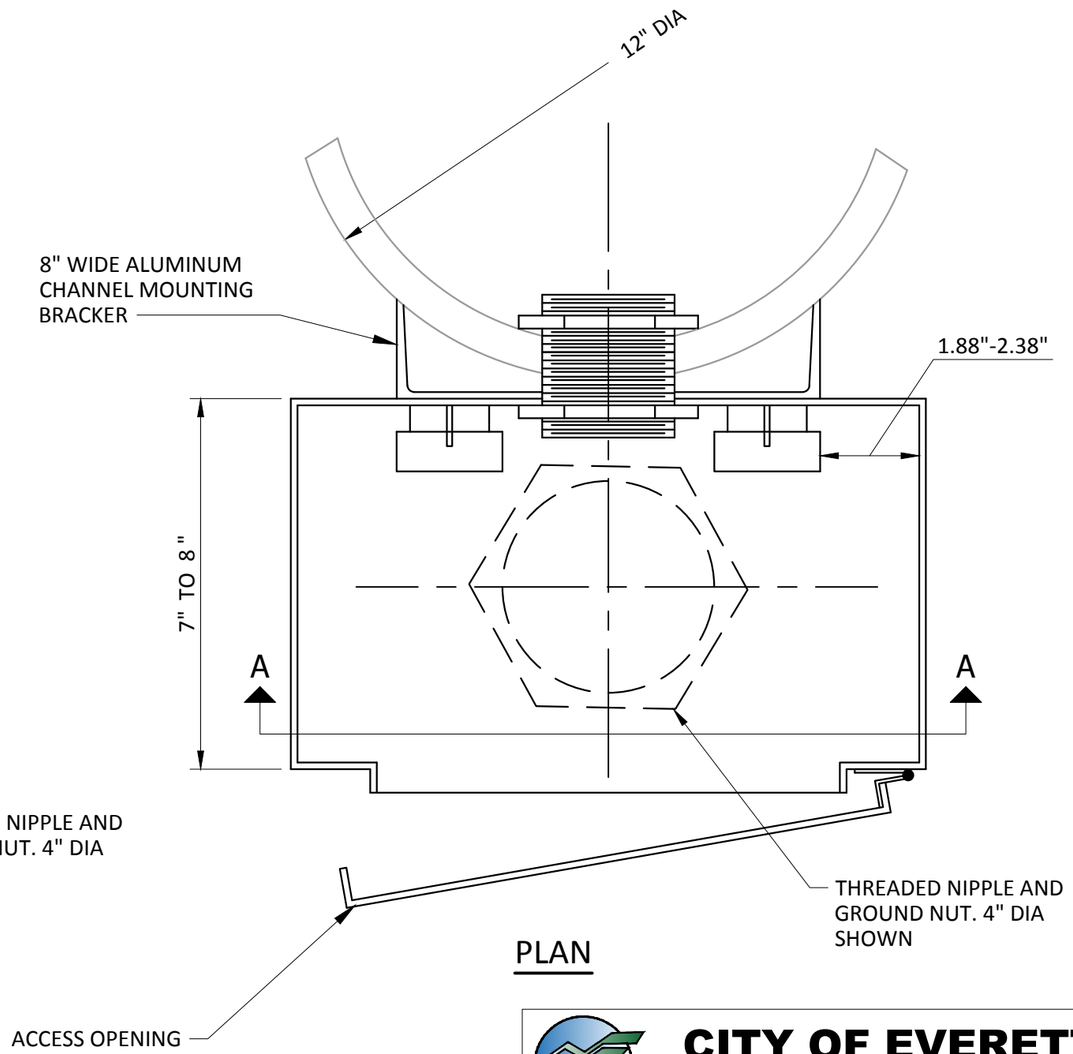
STANDARD DRAWING No.
805

NOTES

1. CABINET MATERIALS AND FABRICATION PER WSDOT/APWA STANDARD SPECIFICATIONS 9- 29.5.
2. PLACEMENT OF TERMINAL STRIPS PER THIS DRAWING.
3. PLACEMENT OF WIRE TERMINATION LABELS SHALL BE PER PLAN.



SECTION A-A



PLAN

DRAFT

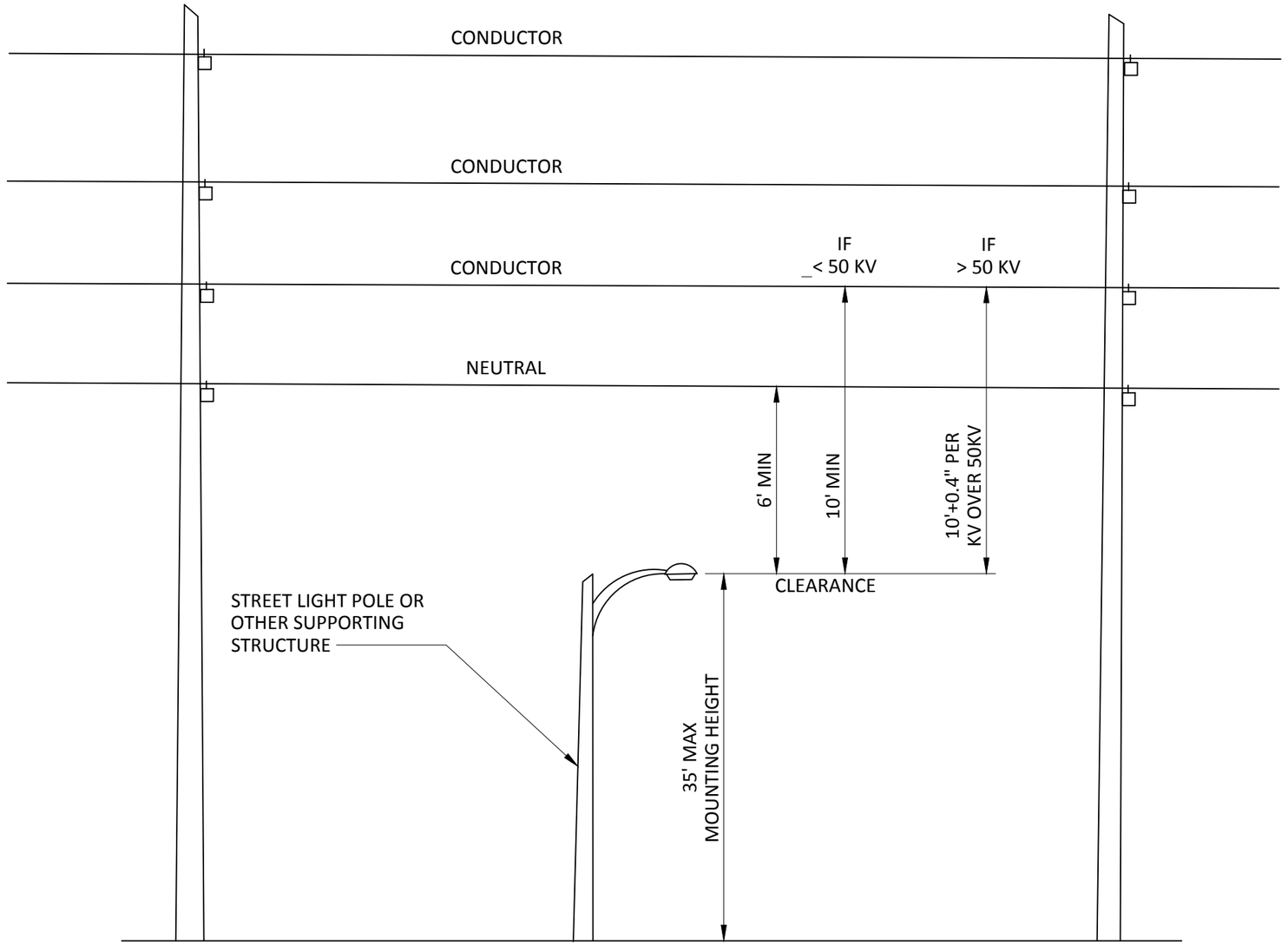
CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE: POLE MOUNTED TERMINAL CABINET

STANDARD DRAWING No. 806

Filename T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD806.DWG
PLOTTED: 12/29/2016 8:18 AM



NOTES:

1. FOR ADDITIONAL INFORMATION ON MIN CLEARANCES REFER TO SNOHOMISH COUNTY PUD NO 1 T&D GUIDELINES SECTION 4 & W.A.C 296-155-428.

2. ANY FINAL INSTALLATION CLEARANCES FROM EXISTING UTILITIES LESS THAN SHOWN ABOVE MUST BE APPROVED BY THE AFFECTED UTILITY.

Filename
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PLOTTED: 12/29/2016 8:18 AM

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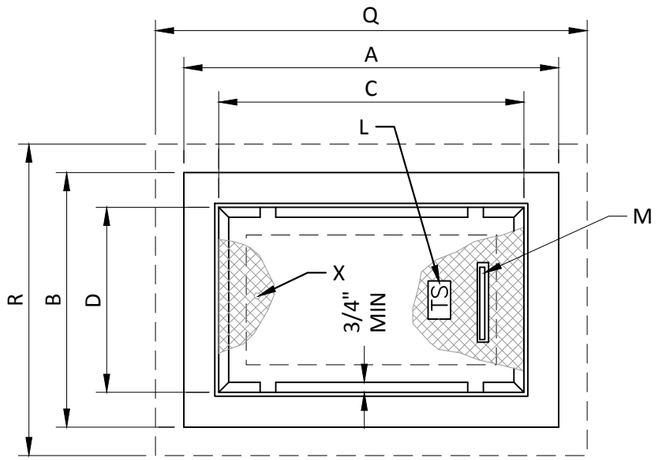
CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

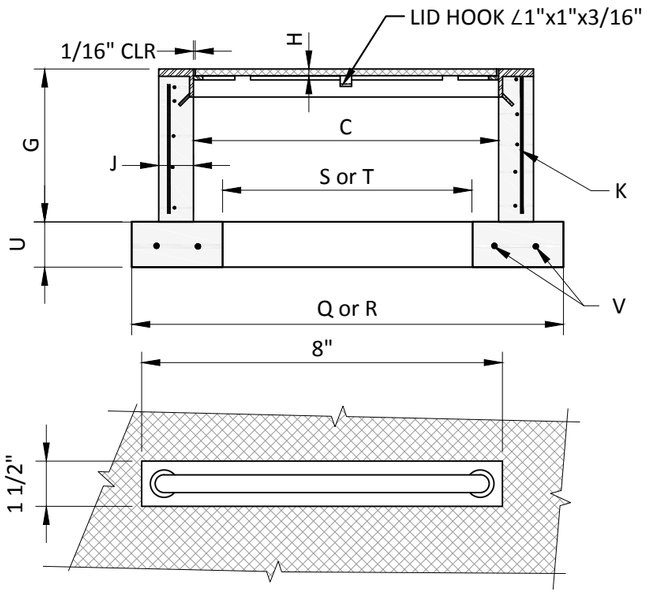
City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	CORY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
LUMINAIRE MOUNTING HEIGHT & UTILITY CLEARANCES

STANDARD DRAWING No.
807



PLAN



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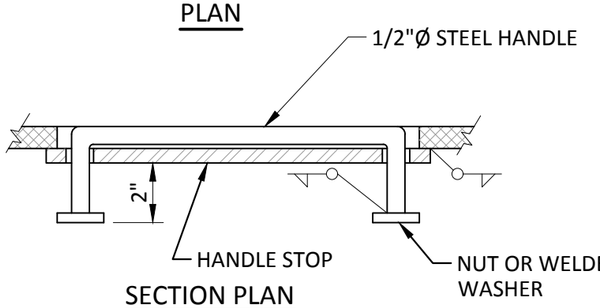
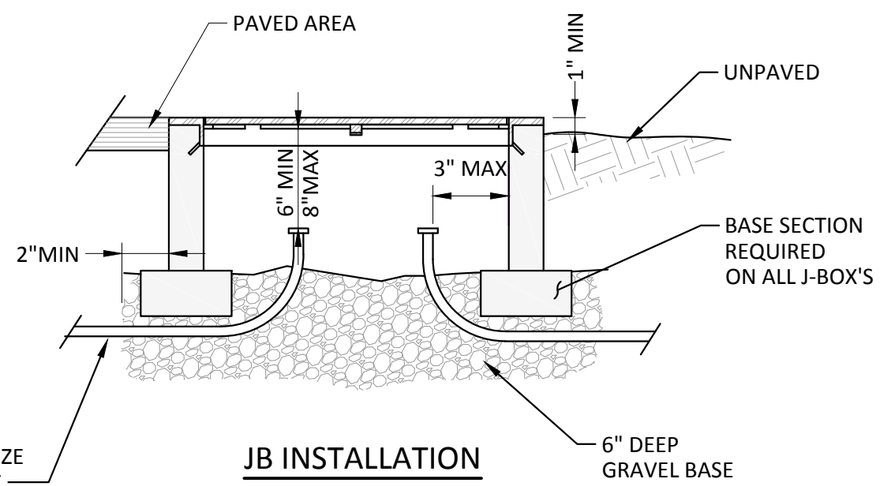


SECTION PLAN

LID HANDLE

JUNCTION BOX DIMENSIONS

DIM.	ITEM	BOX TYPE		
		TYPE 1	TYPE 2	TYPE 8
A	BOX OUTSIDE LENGTH	22"	33"	42"
B	BOX OUTSIDE WIDTH	17"	22 1/2"	30"
C	BOX INSIDE LENGTH	18"	28"	36"
D	BOX INSIDE WIDTH	13"	17"	24"
E	LID LENGTH	17 7/8"	26 3/8"	37 7/8"
F	LID WIDTH	12 7/8"	16 7/8"	25 7/8"
G	BOX DEPTH	12"	12"	12"
H	LID THICKNESS	5/16"	5/16"	1/2"
J	WALL THICKNESS	1 1/2"	1 1/2"	3"
K	BOX OR EXTEN WALL WIRE REINF	W-3	W-2.5	W-5
L	LEGEND	1"x1" LTRS	1"x1" LTRS	1"x1" LTRS
M	HANDLE	N/A	N/A	ONE
Q	FOUNDATION OUTSIDE LENGTH	24-1/2"	35-1/2"	48"
R	FOUNDATION OUTSIDE WIDTH	19-1/2"	25"	36"
S	FOUNDATION INSIDE LENGTH	16-1/2"	27-1/2"	36"
T	FOUNDATION INSIDE WIDTH	11-1/2"	17-1/2"	20"
U	FOUNDATION DEPTH	3"	3"	3"
V	FOUNDATION REINF.	N/A	N/A	2-W-5
W	BOX EXTENSION DEPTH	N/A	N/A	12"
X	FINGER HOLE #/DIA	2 @ 5/16"	2 @ 5/8"	1 @ 5/8"
	CAPACITY CONDUIT INCH Ø'S	6	12	24



JB INSTALLATION

NOTES:

1. ALL DIMENSIONS ARE MINIMUM. EXACT CONFIGURATIONS VARY AMONG DIFFERENT MANUFACTURERS.
2. THE NOTED LID THICKNESSES ARE OVERALL MINIMUMS. NON-SKID LID SHALL BE HOT DIP GALVANIZED IN ACCORDANCE W/ ASTM A 123. AN APPROVED SURFACE PLATE IS STEEL "SLIPNOT GRADE 3 - COARSE" BY "W.S. MOLNAR CO".
3. LID SUPPORT MEMBERS SHALL BE WELDED TO FRAME.
4. 4000 PSI CONCRETE IS ALLOWED IF BOX REINFORCEMENT CONSISTS OF 6x6 - W3xW3 WELDED WIRE FABRIC WELDED TO THE FRAME.
5. WHEN NOTED IN THE CONTRACT TYPE 2 AND TYPE 7 BOXES SHALL BE PROVIDED WITH 12" DEEP EXTENSION BOXES.
6. WHEN NOTED IN THE CONTRACT TYPE 2 BOXES SHALL BE PROVIDED WITH A 10"x27 1/2" 10 GAGE DIVIDER PLATE COMPLETE WITH FASTENERS.
7. NON CONCRETE BOXES MAY BE SUBMITTED FOR APPROVAL EVALUATION WILL INCLUDE AN H-20 LOAD TEST.
8. ALL BOXES WILL BE WSDOT APPROVED AND CERTIFIED.
9. LEGEND FOR TRAFFIC SIGNAL SYSTEM BOXES WILL BE "TS", AND "LT" FOR ILLUMINATION SYSTEMS. LEGEND LETTERS WILL BE FORMED WITH 1/8" WELD BEAD.
10. FOR ADDITIONAL INFORMATION SEE STD DWG 805A.

JB MATERIALS

ITEM	MATERIAL
BOX	6000 PSI CONC
FRAME	FLAT OR DIA- MOND GALV STEEL A786
LID SUPPORT	1/8"MIN GALV STEEL C,L OR T, -A36
LID	NON-SKID PLATE STEEL (GALV)
ANCHORS	STEEL WIRE OR TEE PLATE
REINF	ASTM A-82 STEEL
HANDLE	GALV STEEL
FOUNDATION	3000 PSI CONC

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE: TRAFFIC JUNCTION BOX DETAILS

STANDARD DRAWING No.: 808

DRAFT

Filename T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD808.DWG
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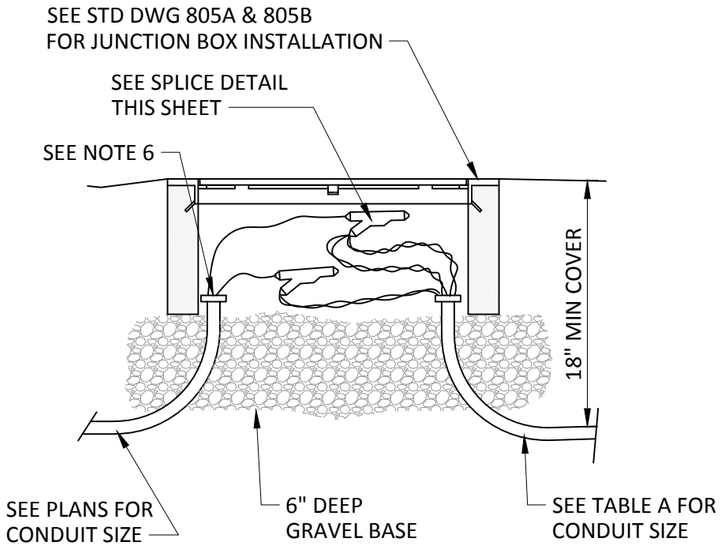
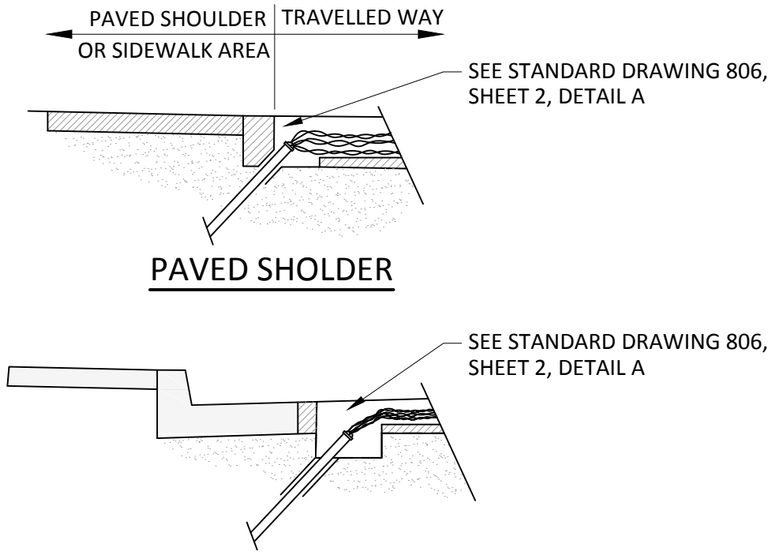


JUNCTION BOX



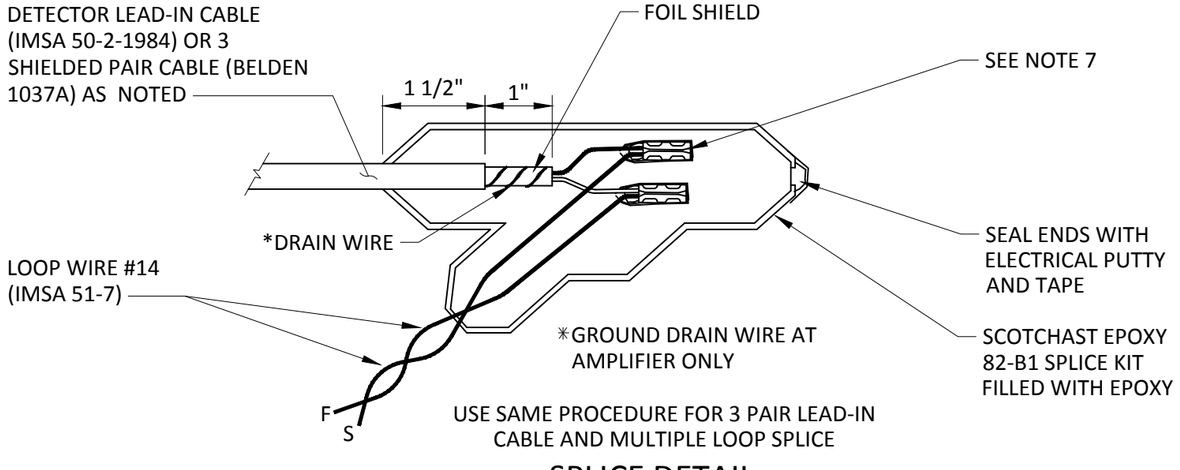
PAVED SHOLDER

GURB & GUTTER

TYP COND PLACEMENT FOR LOOP LEAD-IN WIRES

LOOP LEAD PAIRS	1-2	3	4-5	6-8	9-12
CONDUIT SIZE (MIN)	1"	1 1/4"	1 1/2"	2"	2 1/2"
TRENCH WIDTH (MIN)	3"	3 1/4"	3 1/2"	4"	4 1/2"

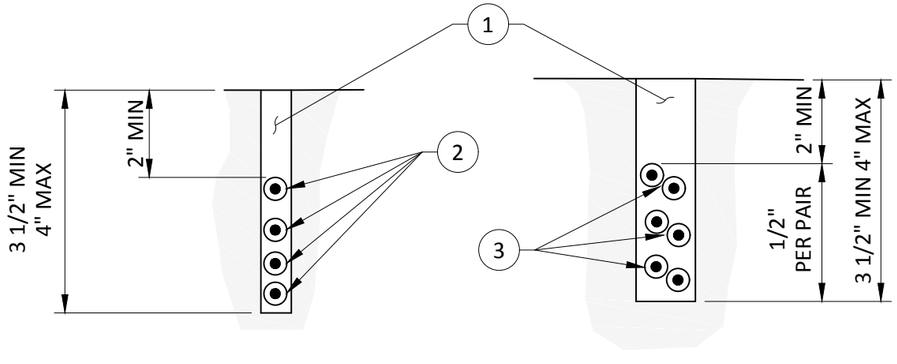
TABLE A



SPLICE DETAIL

INSTALLATION NOTES:

1. SEALANT - CRAFCO PART NO 34271, OR APPROVED EQUAL.
2. LOOP WIRE - NUMBER VARIES SEE LOOP WINDING DETAILS STANDARD DRAWING 806 SHEET 2.
3. LEAD-IN WIRES: ONE PAIR FOR EACH LOOP SERVED, 3 PAIR MAX PER SAWCUT SEE INSTALLATION NOTES.
4. EXTEND SAWCUT SUFFICIENT LENGTH TO PROVIDE FULL SAWCUT DEPTH AROUND CORNERS.
5. LOCATE CORNER SAWCUT AT 45° TO SIDE CUTS TO PREVENT KINK IN LOOP WIRE AND ALSO MINIMIZE VOID. TRIANGULAR VOID WILL BE REMOVED AND FILLED WITH SEALANT.
6. SEAL ENDS OF CONDUIT WITH ELECTRICAL PUTTY OR SILCONE.
7. BUCHANAN 2006S SPLICE CAPS, CRIMP WITH CUCHANAN C-24 CRIMPER FOLOWING MANUFACTURER'S INSTALLATION PROCEDURE. SOLDER CRIMP (NO OPEN FLAME TORCH OR SIMILAR IS ALLOWED) AND TAPE 2 LAYERS OF TAPE.



SECTION A-A

SECTION B-B

DRAFT

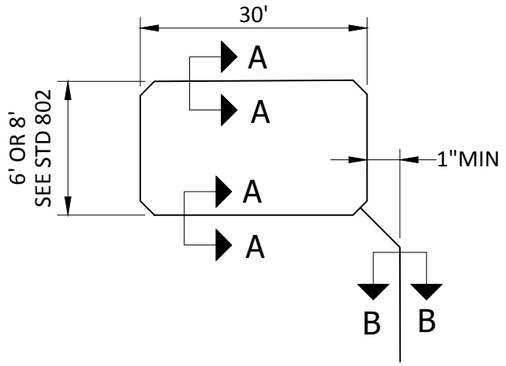
CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
TRAFFIC INDUCTION LOOP
JUNCTION B0X, SPLICE, LOOP TYPES, SAWCUT SECTIONS & NOTES

STANDARD DRAWING No.
809

Filename
T:\ACAD\EPS-COE DESIGN & CONSTR SPECS FOR DEVELOPMENT\IN-WORK\STD809.DWG
PLOTTED: 12/29/2016 8:19 AM



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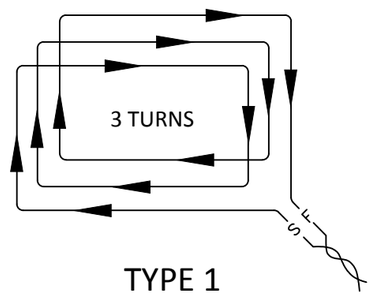

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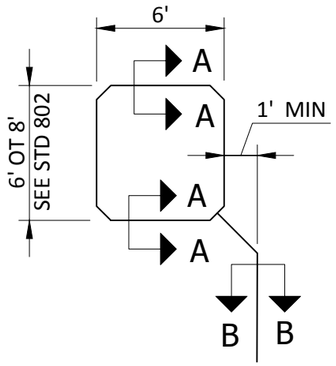

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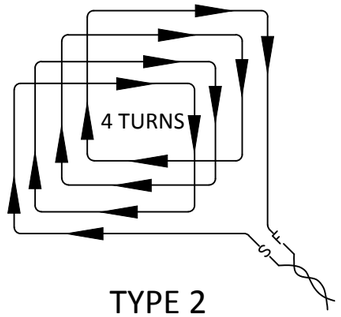

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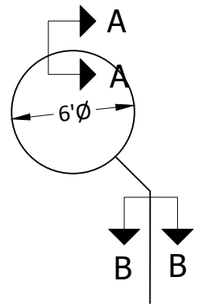

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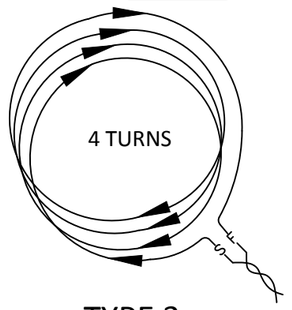
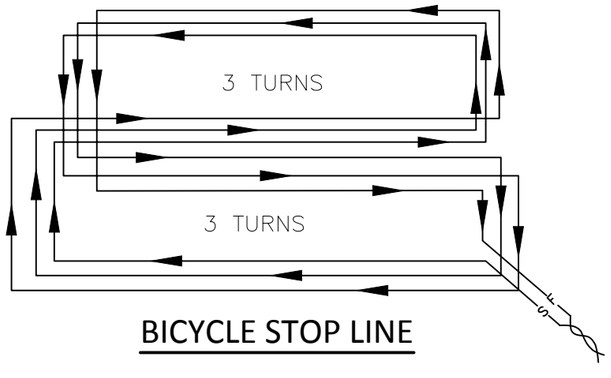
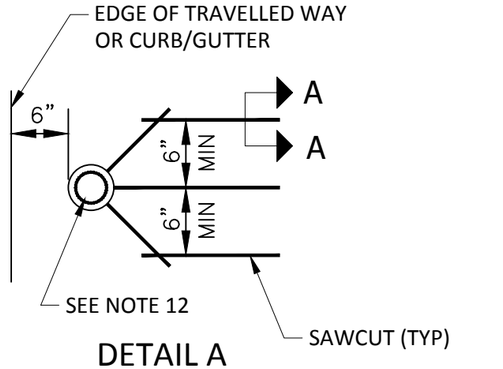


TYPE 3

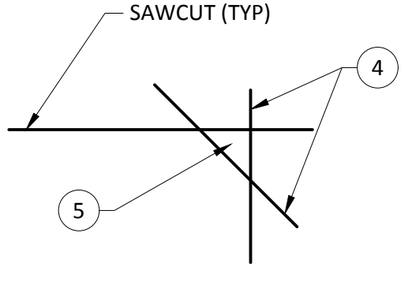
LOOP WINDING DETAILS



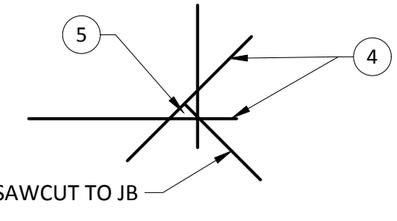
BICYCLE STOP LINE



DETAIL A



DETAIL C



DETAIL C

GENERAL NOTES FOR LOOP INST.

1. INSTALL JUNCTION BOX AND LEAD-IN CONDUIT.
2. SAW LOOP SLOTS AND LEAD-IN SLOTS.
3. LAY OUT LOOP WIRE BEGINNING AT JUNCTION BOX, ALLOWING 5' MINIMUM SLACK.
4. INSTALL WIRE IN LOOP SLOT. SEE LOOP WINDING DETAIL.
5. RETURN TO JUNCTION BOX AND IDENTIFY LEADS WITH PLAN DETECTOR NUMBER AND "S" FOR START AND "F" FOR FINISH.
6. TWIST EACH PAIR OF LEAD-IN WIRES TWO TURNS PER FOOT FROM LOOP TO JUNCTION BOX AND INSTALL IN LEAD-IN SLOT AND CONDUIT. REVERSE DIRECTION OF TWIST FOR EACH SUCCESSIVE PAIR INSTALLED.
7. CONSTRUCT SUPPLEMENTAL SPLICE CONTAINING ANY SERIES OR PARALLEL LOOP CONNECTIONS REQUIRED IN PLANS. SUPPLEMENTAL SPLICES ARE SUBJECT TO THE SAME REQUIREMENTS SHOWN FOR THE LOOP LEAD AND SHIELDED CABLE SPLICE. IF APPROVED BY ENGINEER SCOTCHLOK 3570 EPOXY KIT SEALING PACKS MAY BE SUBSTITUTED FOR THE SCOTCHCAST 82-B1 FOR SUPPLEMENTAL SPLICES.
8. SPLICE LOOP LEADS OR SUPPLEMENTAL SPLICE LEADS TO SHIELDED CABLE AS NOTED.
9. COMPLETE INSTALLATION AND TEST LOOP CIRCUITS OR COMBINATION LOOP CIRCUITS. SEE WSDOT STD SPEC 8-20.3(14)D.
10. FOR LOOP LOCATION REFER TO STD DWG 802 AND PLANS.
11. DRILL HOLE FOR HOME-RUN CONDUIT 1" LARGER THAN CONDUIT AND FILL VOID WITH HOT MIX ASPHALT.
12. ALL SPLICES SHALL BE ABLE TO BE RAISED A MINIMUM OF 16" ABOVE GROUND LINE.

DRAFT

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	CORY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
TRAFFIC INDUCTION LOOP
JUNCTION BOX, SPLICE, LOOP TYPES, SAW CUT SECTIONS & NOTES

STANDARD DRAWING No.
810

Filename
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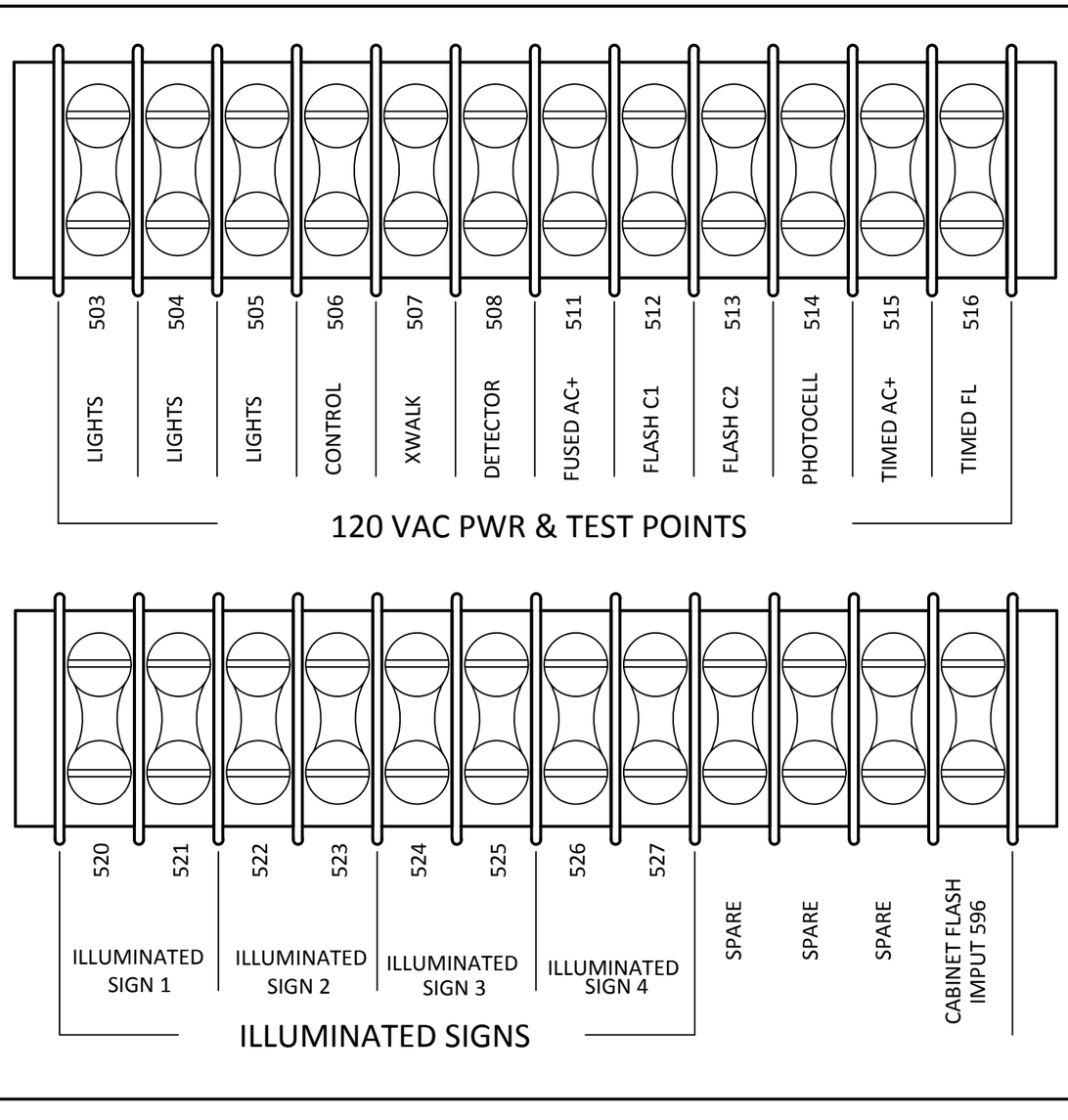
PLOTTED: 12/29/2016 8:19 AM

CABINET
A

B
FIELD



CABINET
A

B
FIELD

Filename
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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

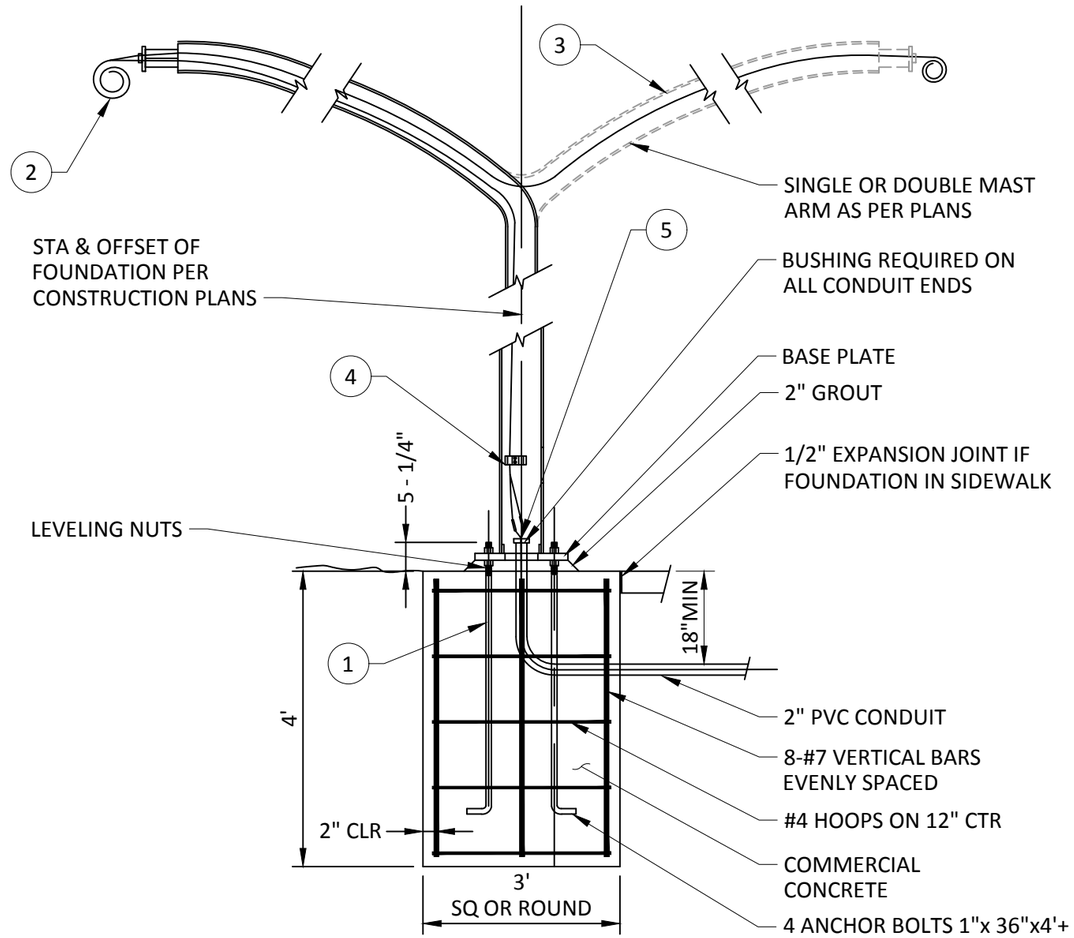
City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE

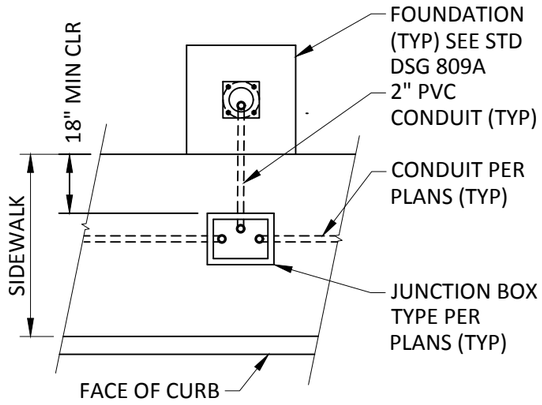
AC POWER PANEL DETAIL

STANDARD DRAWING No.

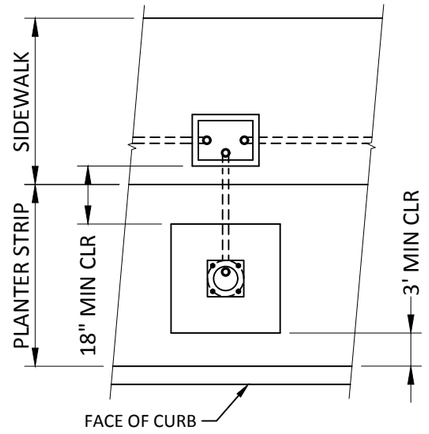
811



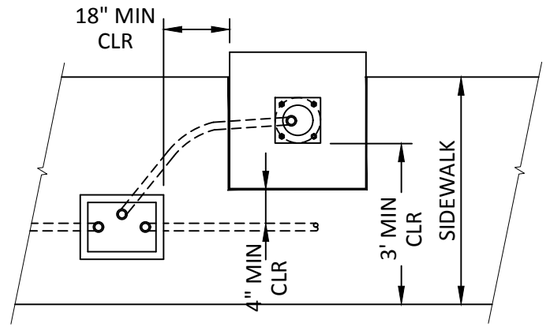
FOUNDATION SECTION



CONDITION 1



CONDITION 2



CONDITION 3 NOTES:

1. IF POLE FOUNDATION FALLS WITHIN SIDEWALK AREA, TOP OF FOUNDATION WILL BE FLUSH WITH FINISHED SIDEWALK AND BE FINISHED IN THE SAME MANNER AS SIDEWALK.
2. 1/2" EXPANSION JOINT WILL BE PLACED BETWEEN FOUNDATION AND SIDEWALK.

CONDITION 3

BASE PLATE & BOLT CIRCLE NOTES:

1. BASE PLATE PER POLE FABRICATOR'S DRAWINGS:
2. FOR ALUMINUM POLES, BOLT CIRCLE IS 11-1/2" +/- 1/2".
3. FOR STEEL POLES, BOLT CIRCLE IS DEPENDENT ON TYPE AND HEIGHT OF POLE.

(#) POLE & FOUNDATION NOTES:

1. THE TOP 12" OF ANCHOR BOLTS SHALL BE GALVANIZED.
2. INSTALL 2" x 1" REDUCING WASHER AND 1" CONNECTOR TO SECURE CONDUCTORS, AND COIL 30" OF CABLE FOR FUTURE CONNECTION AT END OF MAST ARM.
3. FOR DOUBLE MAST ARM INSTALL 2ND CABLE BETWEEN LUMINAIRES WHEN BOTH LUMINAIRES ARE ON SAME CIRCUIT.
4. CONDUCTOR ATTACHMENT BRACKET PER WSDOT/APWA STD PLAN J-1E.
5. PLACE POLE AND BRACKET CABLE IN CONDUCTOR ATTACHMENT BRACKET. STRIP OUTER CABLE SHEATH BELOW BRACKET AND CONNECT TO FEED CABLE WITH QUICK DISCONNECTS PER WSDOT/APWA STD SPEC 9-29.7

PLACEMENT NOTES:

1. CONDITION 1 & 2 ARE NORMAL INSTALLATION OPTIONS DEPENDING ON STREET DESIGN.
2. CONDITION 3 INSTALLATION IS ALLOWED WITH APPROVAL OF CITY ENGINEER WHERE EXISTING R/W OR PHYSICAL CONDITIONS WARRANT THIS TYPE INSTALLATION.

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
STREET LIGHT
POLE & FOUNDATION DETAILS & PLACEMENT CONDITIONS

STANDARD DRAWING No.
812

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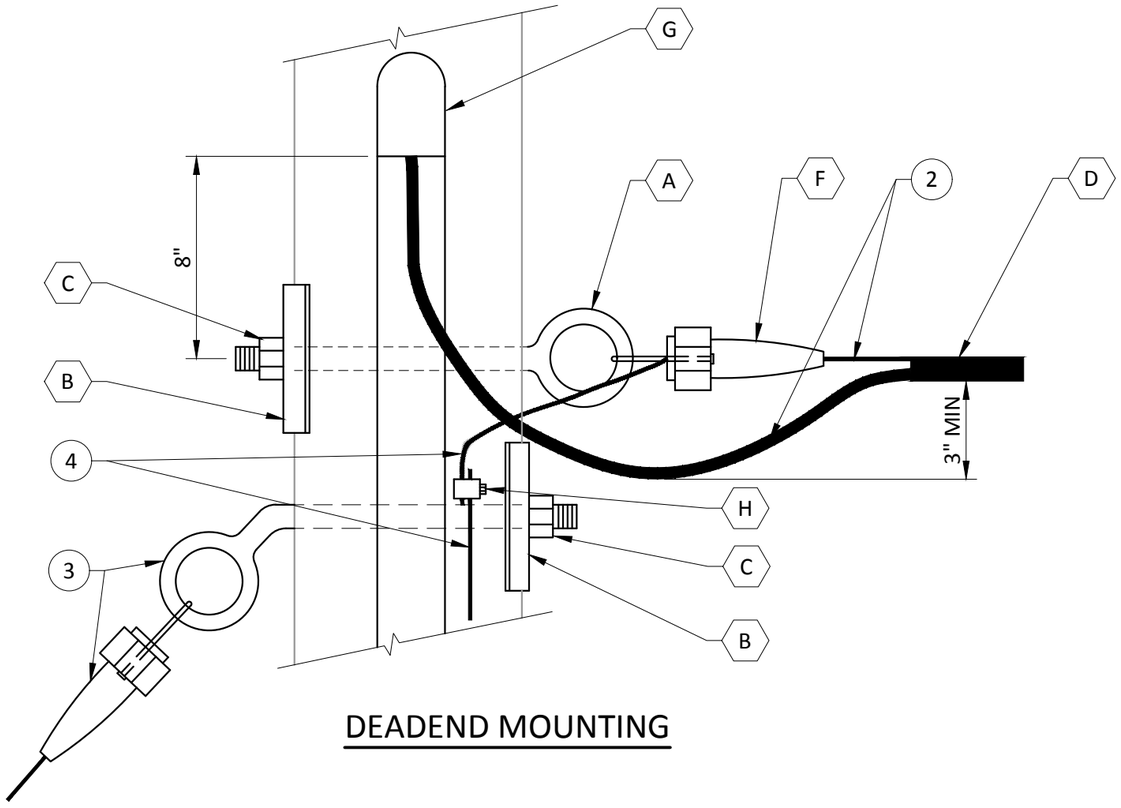
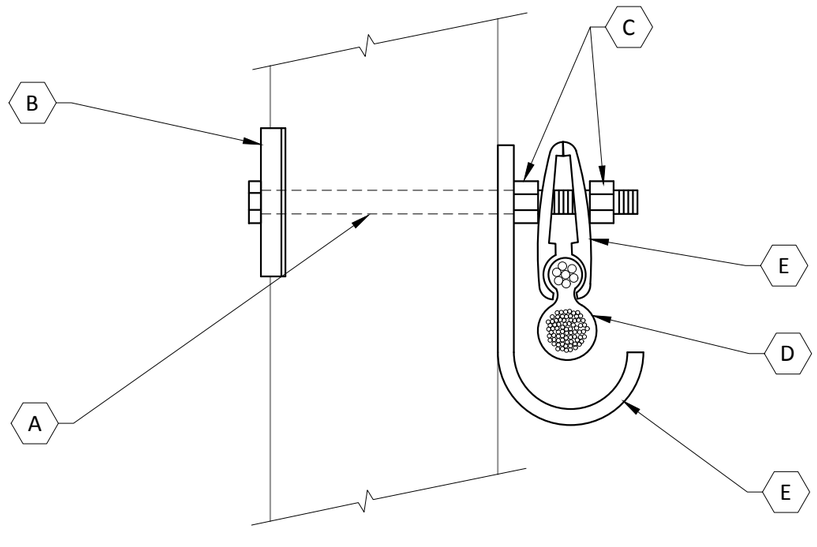


DEADEND MOUNTING



CABLE SUSPENSION CLAMP

(A) EQUIPMENT LEGEND

A. 5/8" STRAIGHT HOT-DIPPED GALVANIZED STEEL BOLT (LENGTH VARIES DUE TO POLE DIAMETER).

B. 3" SQ x 3/16" THICK CURVED GALVANIZED WASHER.

C. 5/8" GALVANIZED HEX NUT.

D. FIGURE 8 CABLE. FOR SIZE AND TYPE SEE PLANS AND SPEC'S. (MESSENGER 1/4" HS STEEL MIN).

E. J-HOOK & CABLE SUSPENSION CLAMP ASSEMBLY (TANGENTIAL SUPPORT W/ CLAMP FOR 5/8" BOLT).

F. SHORT-BALE STRANDVISE SIZED TO MESSENGER CABLE (1/4" MIN).

G. FRISER W/WEATHER HEAD PER STANDARD DRAWING 330.

H. BRASS CABLE CONNECTOR.

I. POLE GROUND TO 5/8"x8' COPPER PLATED GROUND ROD.

(#) INSTALLATION NOTES

1. CONNECT MESSENGER CABLE TO POLE GROUND WIRE.
2. SPLIT MESSENGER CABLE AWAY FROM MAIN CABLE.
3. FOR DOWN GUY SEE WSDOT STANDARD PLAN J-7d.
4. IF HORIZONTAL DEFLECTION IS GREATER THAN 2 DEGREES USE ANGLE POINT MOUNTING STANDARD DRAWING 810C, SHEET 2.

DRAFT

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE

AERIAL TELEMETRY/SPANWIRE INSTALLATION
DEADEND & CABLE SUSPENSION CLAMP

STANDARD DRAWING No.

813

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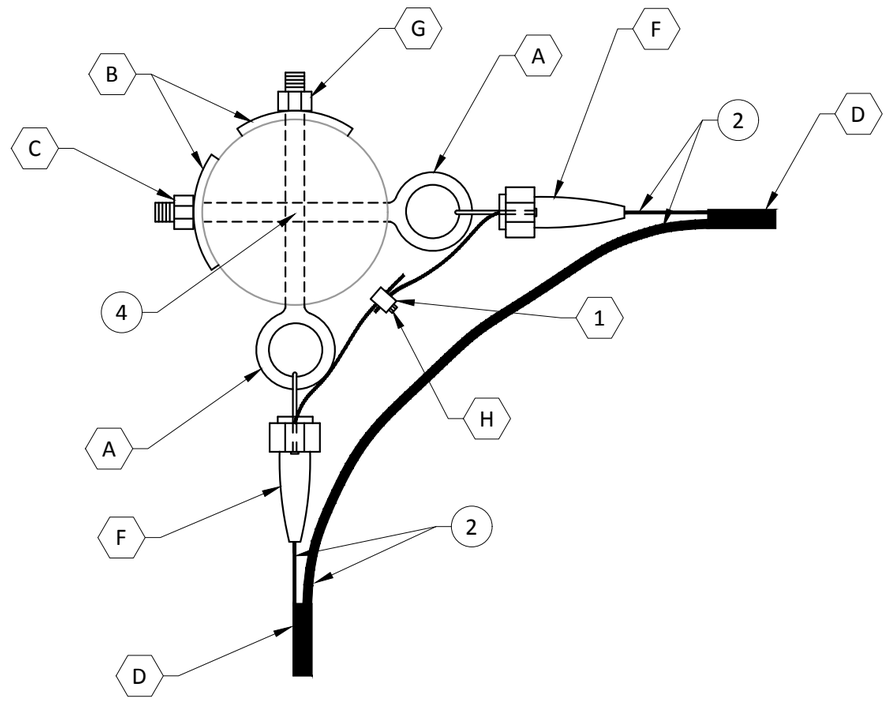
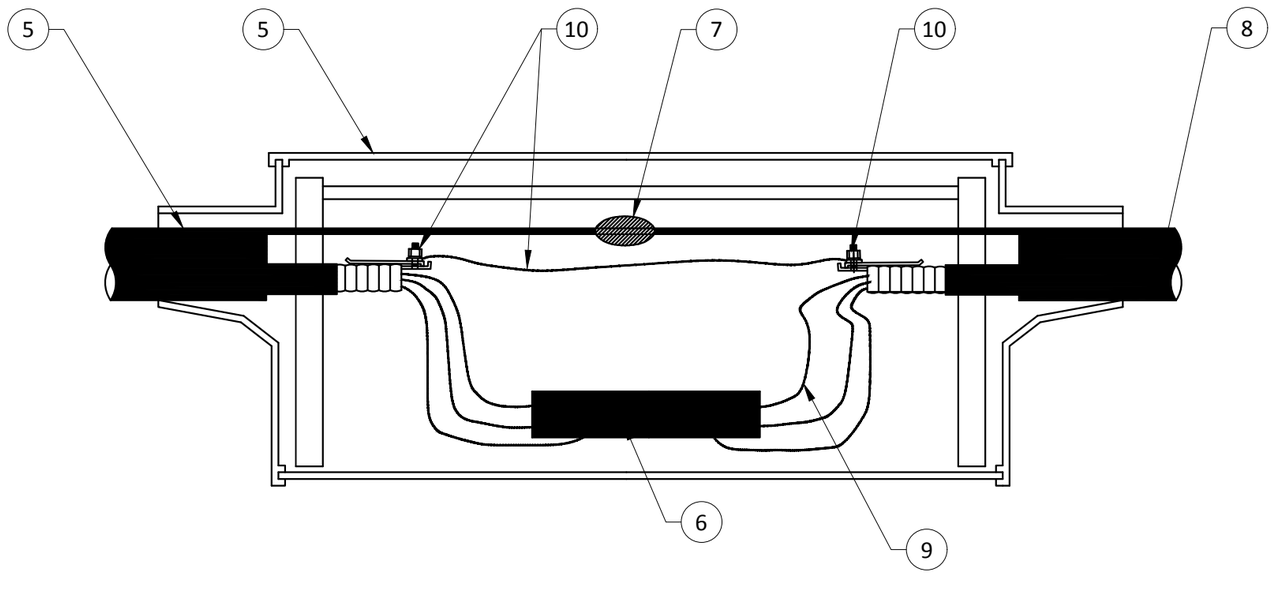


ANGLE POINT MOUNTING



TELEMETRY JUNCTION BOX

INSTALLATION NOTES

1. CONNECT MESSENGER CABLES TOGETHER SUITABLE FOR GROUNDING WIRE.
2. SPLIT MESSENGER CABLE AWAY FROM MAIN CABLE.
3. FOR DOWN GUY SEE WSDOT STANDARD PLAN J-7d.
4. 3" MINIMUM VERTICAL CLEARANCE BETWEEN GROSSING BOLTS.
5. SINGLE ACCESS CABLE CLOSURE FOR PLASTIC JACKETED TELEPHONE CABLE (RELIABLE ELECTRIC MODEL 100-MB OR EQUAL).
6. TERMINAL BLOCK SIZED AS REQUIRED.
7. MESSENGER CABLE SPLICE WITH STRAND LINK.
8. FIGURE 8 CABLE. SEE PLANS & SPEC'S FOR SIZE AND TYPE.
9. BARE ENDS OF TWISTED PAIRS MUST BE AT LEAST 24" LONG BEFORE TERMINATING.
10. SPLICE CABLE SHIELDING USING 2 CASEY CLIPS (COMMUNICATIONS TECHNOLOGY # C4029 OR EQUAL) AND 1 BONDING JUMPER WITH GREEN INSULATION (NO. 14 AWG STRANDED).

A EQUIPMENT LEGEND

- A. 5/8" STRAIGHT HOT-DIPPED GALVANIZED STEEL BOLT (LENGTH VARIES DUE TO POLE DIAMETER).
- B. 3" SQ x 3/16" THICK CURVED GALVANIZED WASHER.
- C. 5/8" GALVANIZED HEX NUT.
- D. FIGURE 8 CABLE. FOR SIZE AND TYPE SEE PLANS AND SPEC'S. (MESSENGER 1/4" HS STEEL MIN).
- E. J-HOOK & CABLE SUSPENSION CLAMP ASSEMBLY (TANGENTIAL SUPPORT W/ CLAMP FOR 5/8" BOLT).
- F. SHORT-BALE STRANDVISE SIZED TO MESSENGER CABLE (1/4" MIN).
- G. F.RISER W/WEATHER HEAD PER CITY OF EVERETT STANDARD DWG 330.
- H. BRASS CABLE CONNECTOR.
- I. POLE GROUND TO 5/8"x8' COPPER PLATED GROUND ROD.
- J. IF HORIZONTAL DEFLECTION IS GREATER THAN 2 DEGREES USE ANGLE POINT MOUNTING PER CITY OF EVERETT STANDARD DWG 810C.

Filename
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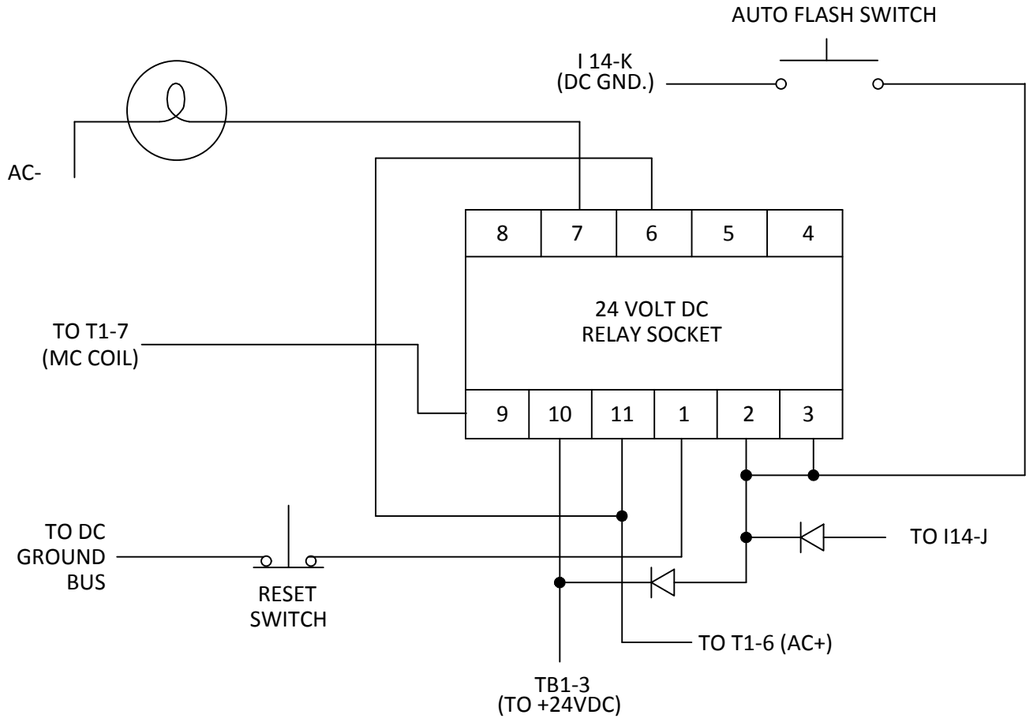
CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
AERIAL TELEMETRY/SPANWIRE INSTALLATION
ANGLE INSTALLATION & TELEMETRY JUNCTION BOX

STANDARD DRAWING No.
814

DRAFT



NOTES:

1. THE AUTO-FLASH SWITCH SHALL BE A PUSH BUTTON SWITCH RATED AT 15 AMPS, 125 VOLTS AC.
2. THE RESET SWITCH SHALL BE A PUSH BUTTON SWITCH RATED AT 15 AMPS, 125 VOLTS AC.

POLICE PANEL WIRING

NOTES:

1. THE SIGNALS "ON-OFF" SWITCH SHALL BE AN "ON-OFF" SWITCH RATED AT 15 AMPS, 125 VOLTS AC
2.
3. THE RESET SWITCH SHALL BE A PUSH BUTTON SWITCH RATED AT 15 AMPS, 125 VOLTS AC.

POWER SUPPLY - FRONT VIEW

KEY

IND — INDICATOR LIGHT

PUSH BUTTON RESET SWITCH

TOGGLE ON-OFF SWITCH

DRAFT

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	CORY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE

POLICE PANEL & POWER SUPPLY

MODEL 332 CABINET

STANDARD DRAWING No.

815

Filename
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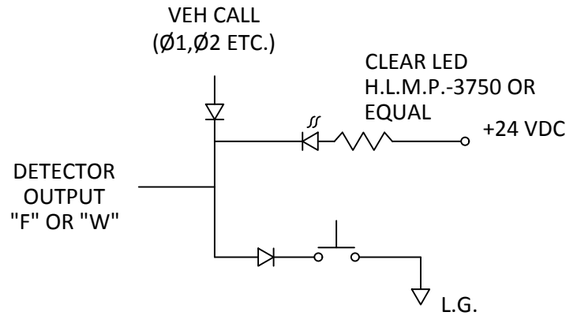
PLOTTED: 12/29/2016 8:20 AM

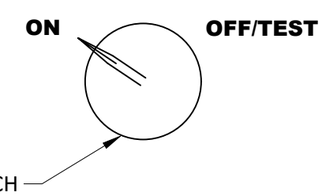
MARKER AREA (TYP)

1	2	3	4	5	6	7	8	9	12	13	
									28, 29	68, 69	
Ø1 IND S	Ø2 IND S	Ø2 IND S	Ø2 IND S	Ø3 IND S	Ø4 IND S	Ø4 IND S	Ø4 IND S	Ø1 OR SD IND S	Ø2 P IND S	Ø6 P IND S	ON OFF TEST
IND S Ø1	IND S Ø2	IND S Ø2	IND S Ø2	IND S Ø3	IND S Ø4	IND S Ø4	IND S Ø4	IND S Ø3 OR SD	IND S Ø4 P	IND S Ø8 P	ON OFF TEST
									48, 49	88, 89	

Ø5 IND S	Ø6 IND S	Ø6 IND S	Ø6 IND S	Ø7 IND S	Ø8 IND S	Ø8 IND S	Ø8 IND S	Ø5 OR SD IND S			ON OFF TEST
IND S Ø5	IND S Ø6	IND S Ø6	IND S Ø6	IND S Ø7	IND S Ø8	IND S Ø8	IND S Ø8	IND S Ø7 OR SD			ON OFF TEST



DETECTOR TEST SWITCH WIRING



DETECTION PANEL

KEY

IND — INDICATOR LIGHT

S — PUSH BUTTON TEST SWITCH

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE: DETECTION PANEL
MODEL 332 CABINET

STANDARD DRAWING No. 816

Filename
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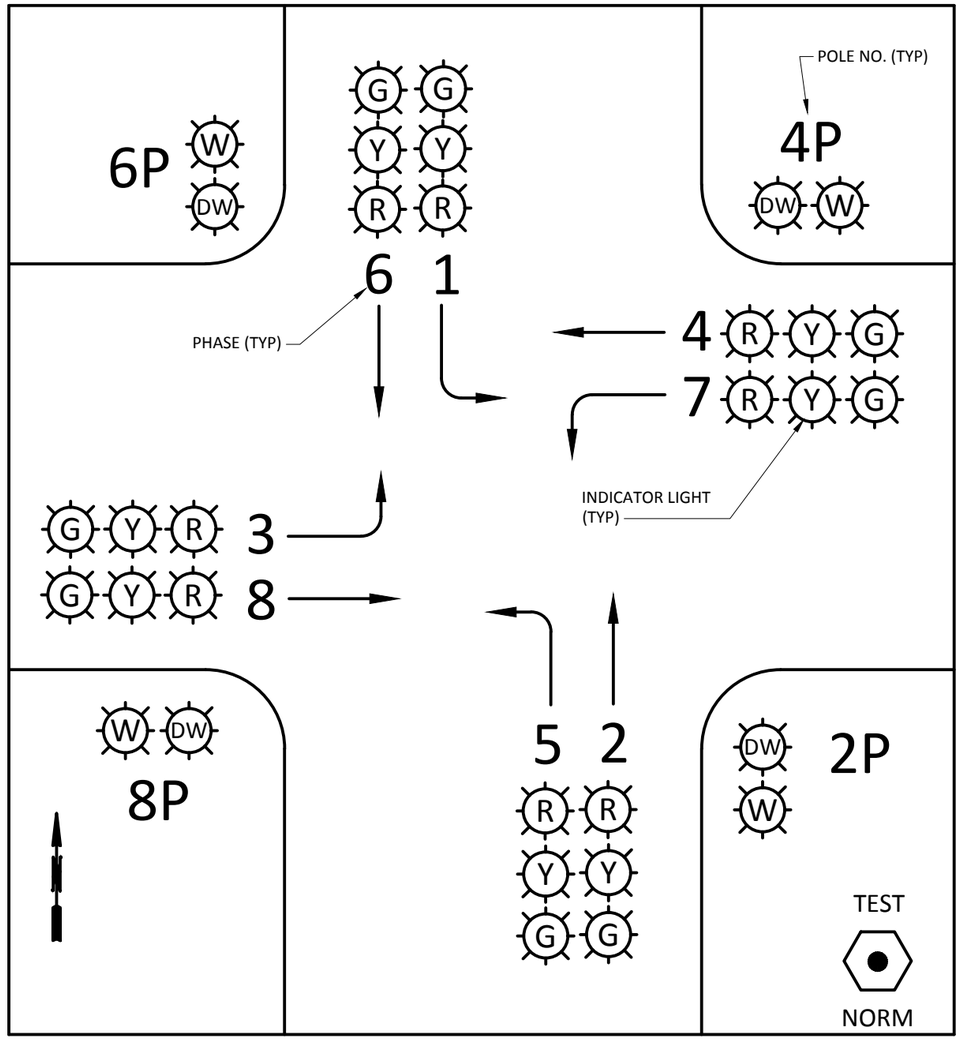

DISPLAY PANEL CONFIGURATION

INDICATOR LIGHT KEY

- R — RED
- Y — YELLOW
- G — GREEN
- DW — DON'T WALK
- W — WALK

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE: DISPLAY PANEL
MODEL 332 CABINET

STANDARD DRAWING No.: 817

Filename
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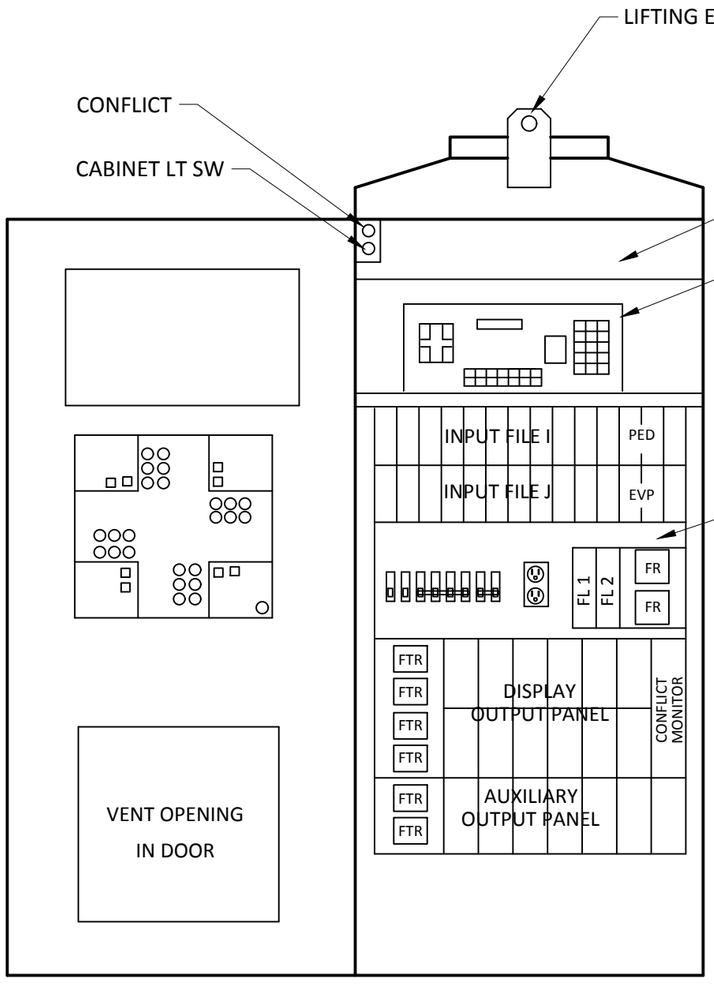
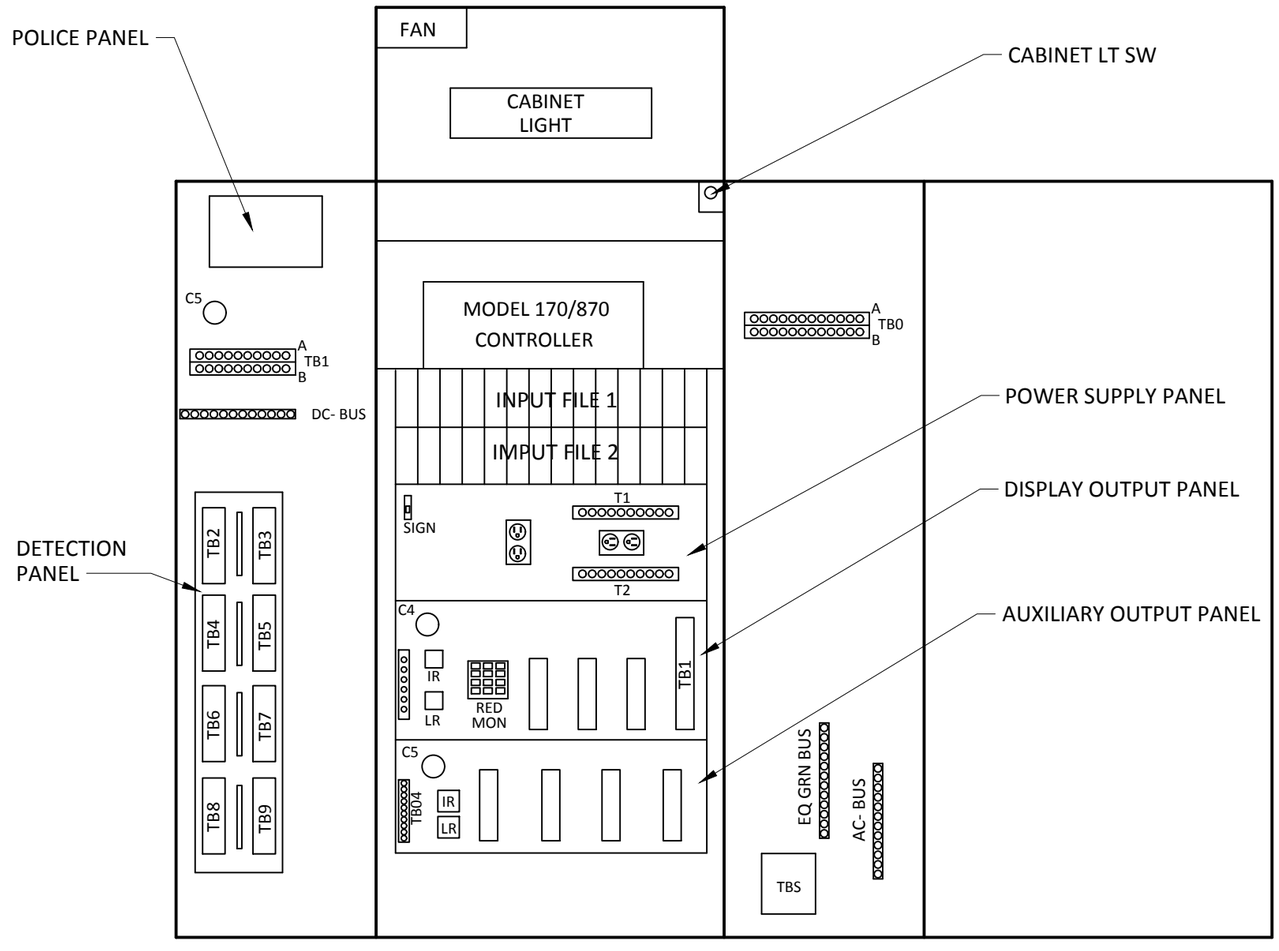


DOOR

FRONT

TOP



LEFT SIDE

REAR

RIGHT SIDE

DOOR

DRAFT

Filename
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PLOTTED: 12/29/2016 8:21 AM

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

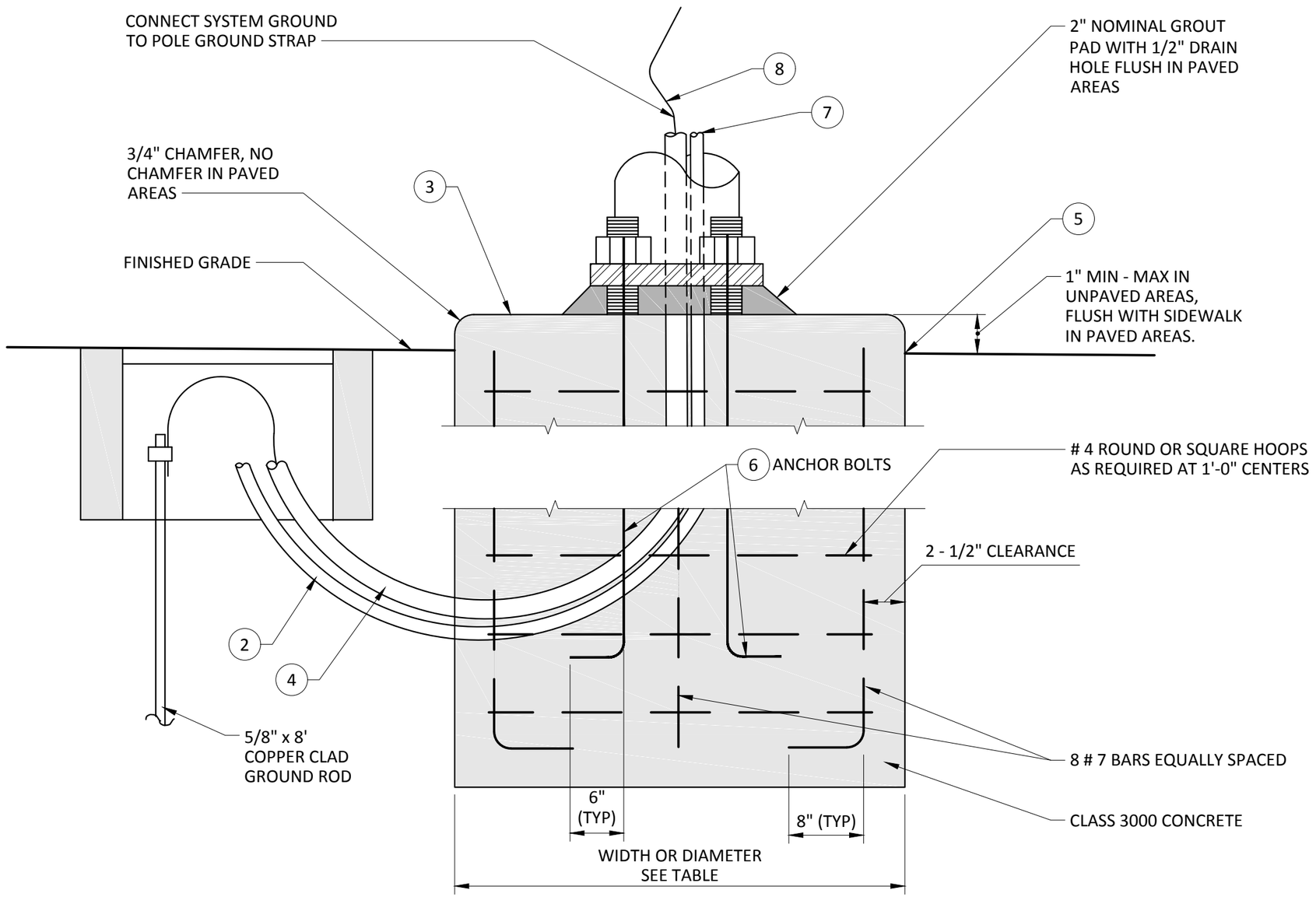
City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE

332 CABINET LAYOUT

STANDARD DRAWING No.

818



TYPICAL SECTION

1 NOTES

1. FOUNDATION DEPTHS BASED ON 2500 PSF AVERAGE LATERAL BEARING PRESSURE AND Ø @ 26". IF SOIL CONDITIONS AT SITE ARE NOT EQUAL TO OR BETTER THAN THIS THE CONTRACTOR SHALL PROVIDE NEW FOUNDATION DIMENSIONS.
2. ALL POLES AND POLE BASES SHALL HAVE ONE EXTRA 2" CONDUIT THAT EXTENDS TO AND IS CAPPED IN THE NEAREST JUNCTION BOX. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. CONCRETE SHALL BE CLASS 3000 POURED IN PLACE WITH FORMING ON THE TOP 3-1/2" AND ALL ABOVE GRADE PORTIONS OF THE FOUNDATION.
4. SIZE AND NUMBER OF CONDUIT(S) PER PLAN.
5. SAW CUT PAVING WHEN FOUNDATION IS IN EXISTING PAVED SURFACE.
6. BOLT CIRCLES AND ANCHOR BOLTS ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND SPECS.
7. CONDUIT SHALL EXTEND 3" ABOVE FOUNDATION.
8. EXTEND SYSTEM GROUND TO ALL EQUIPMENT (PPB'S, TERMINAL CABINETS, PED SIGNAL HEADS, ETC.) THAT IS LESS THAN 12' ABOVE ABOVE POLE BASE WHEN CONCRETE POLES ARE REQUIRED.

FOUNDATION DEPTH		
W x R= $(FT)^3$	3' RD	3' SQ 4' RD
≤ 740	10'	7'
≤ 1100	14'	8'
≤ 1720	19'	13'

W = WINDLOAD PROJECTED AREA
R = MOMENT ARM
SEE NOTE 1

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
SIGNAL POLE FOUNDATION
TYPE 2 & 3

STANDARD DRAWING No.
819

Filename
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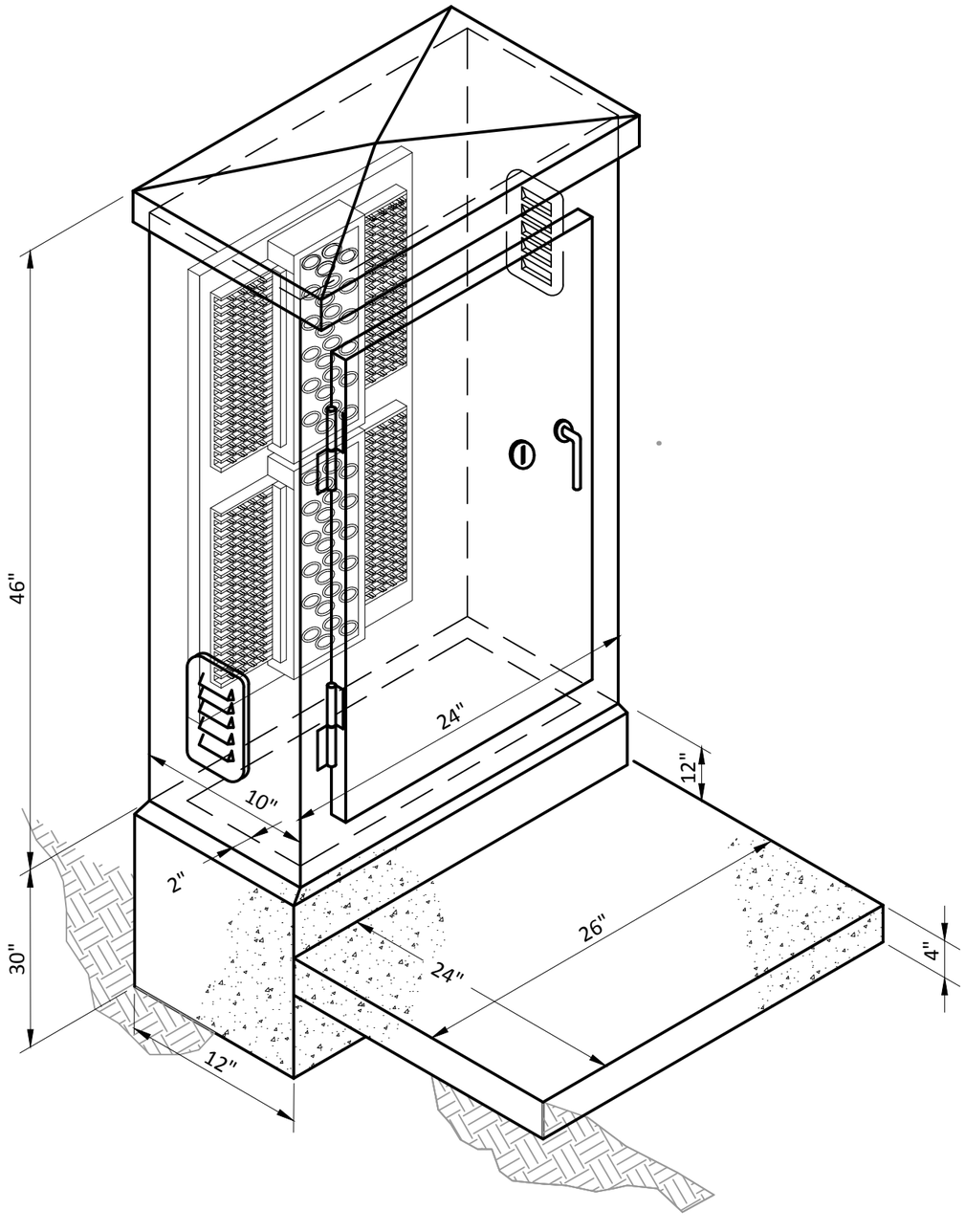

ISOMETRIC

PANEL NOTES:

1. NEMA R3, PADMOUNT WELDED SEAM ALUMINUM 0.125" REMOVABLE EQUIPMENT MOUNTING PAN HEAVY DUTY LIFT-OFF HINGE CLOSED CELL NEOPRENE GASKET ON DOOR STAINLESS STEEL VAULT HANDLE BEST CO LOCK WITH CX CORE 2 SCREENED AND GASKETED VENTS.
2. 50 PAIR TERMINAL BLOCK WITH GAS TUBE PROTECTION MODULES RELIANCE COMM/TEC #50VSR4P4MH(OR EQUAL)
3. FINISH: POWDER COAT WHITE INSIDE AND OUT EPOXY ALUMINUM OVERCOAT OUTSIDE.

FOUNDATION & RAMP NOTES:

1. FORMED CONSTRUCTION.
2. CLASS 3000 CONCRETE.
3. 1/2" CHAMFER AT TOP SERVICE.
4. 1/2"x3" STAINLESS STEEL ANCHOR BOLTS (4EA).
5. CONDUIT TO EXTEND A MIN OF 2" ABOVE FOUNDATION.
6. FOUNDATION AND RAMP TO SIT ON UNDISTURBED SOIL

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE

TELEMETRY CABINET & FOUNDATION
TYPES 2 & 3

STANDARD DRAWING No.

820

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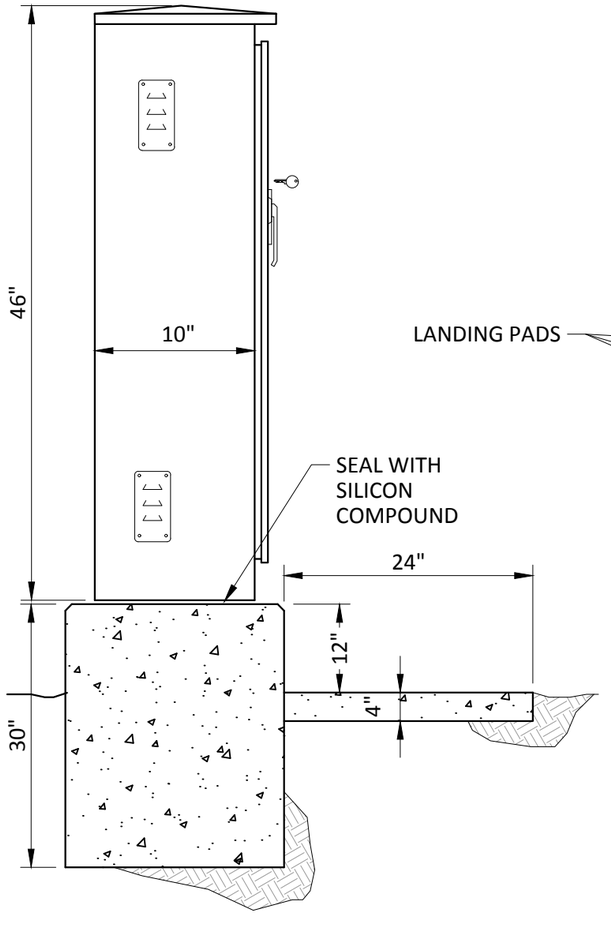
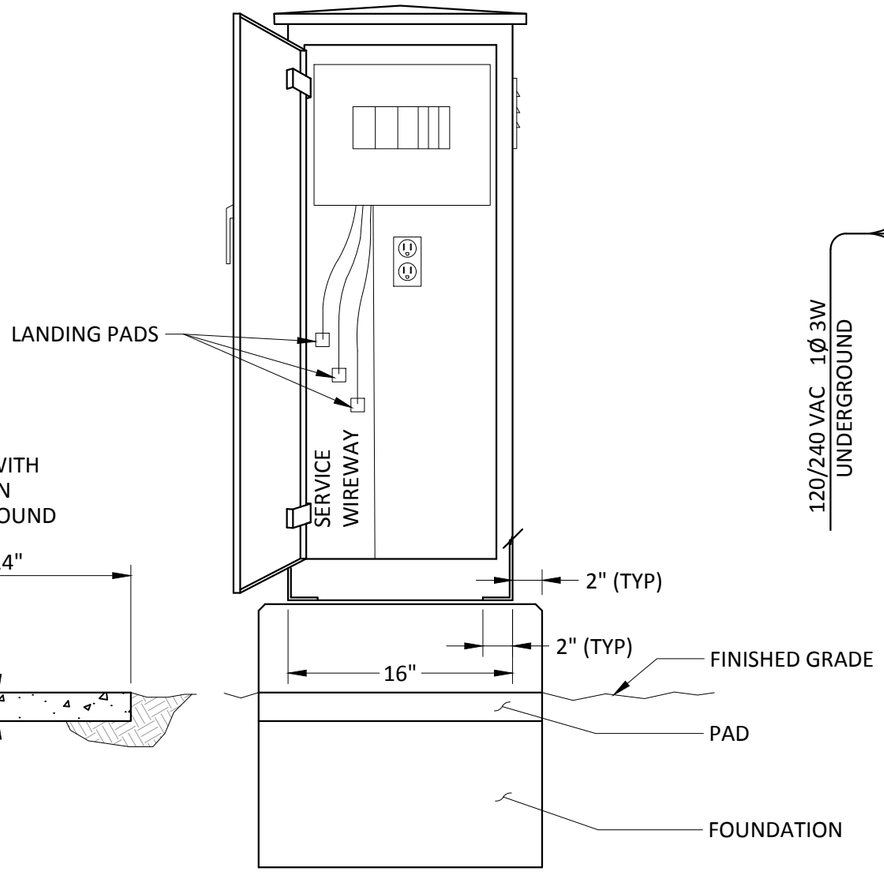


SIDE



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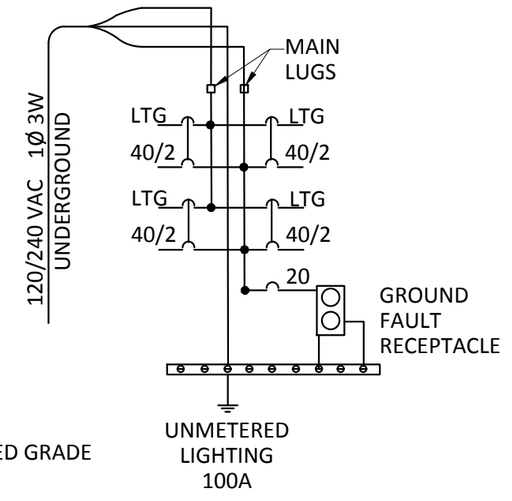

WIRING SCHEMATIC

FOUNDATION & PAD NOTES

1. FORMED CONSTRUCTION.
2. CLASS 3000 CONCRETE.
3. 1" CHAMFER AT FOUNDATION TOP.
4. 3/8"x3" STAINLESS STEEL ANCHOR BOLTS (4EA)
5. FOUNDATION AND PAD TO SIT ON UNDISTURBED SOIL.
6. CONDUIT TO EXTEND A MIN. OF 6" ABOVE FOUNDATION.

CABINET NOTES:

7. CABINET: NEMA 3R, PAD MOUNT, 12 GA PRE GALVANIZED STEEL, OPEN BOTTOM WITH 2" RETURN. REMOVABLE EQUIPMENT MOUNTING PAN. 2 SCREENED AND GASKETED VENTS. U.L. LISTED.
8. DOOR: HEAVY DUTY CONCEALED HINGE, LIFTOFF TYPE, WITH STAINLESS STEEL VAULT HANDLE, AND CLOSED CELL NEOPRENE GASKET. SUPPLY WITH "BEST" LOCK AND BLUE CONSTRUCTION CORE.
9. PANEL BOARD: 120/240 VAC, Ø, 3 WIRE, 100 AMP, 8CKT (SQUARE D Q08-16L100S MAIN LUG ONLY, OR EQUAL), 10 KAIC, WITH TWO (2) 40/2 ILLUMINATION BRANCHES, ONE (1) 20/1 GROUND FAULT RECEPTACLE BRANCH.
10. PAINT: ZINC RICH ALUMINUM OUTSIDE, WHITE INSIDE OVER PRIME OVEN BAKED ENAMEL.
11. TOTAL NUMBER OF BREAKERS IN CABINET NOT TO EXCEED 6.
12. DESIGN BASED ON "SKYLINE: MODEL 47550.

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

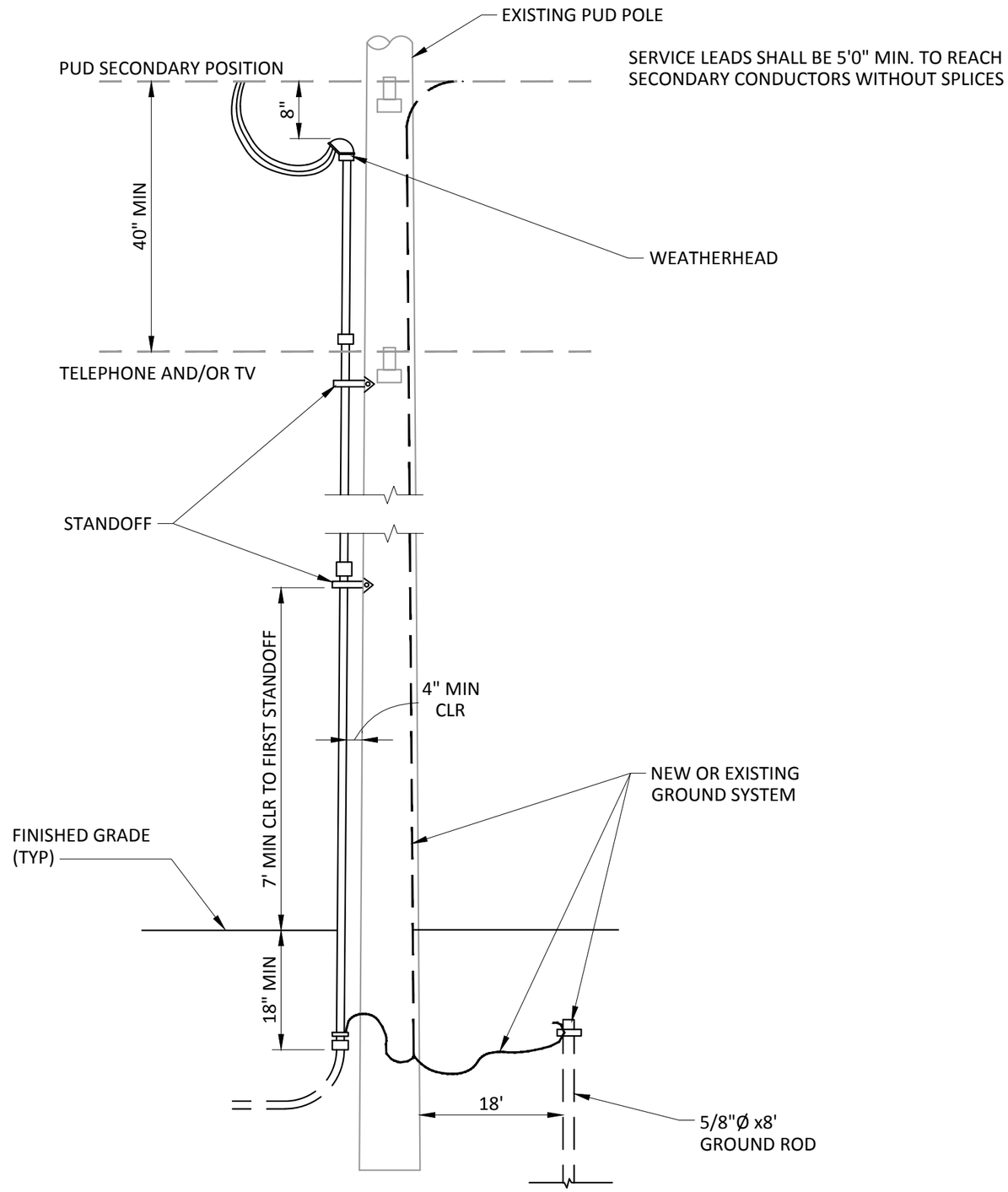
TITLE

SERVICE CABINET

FOR STREET ILLUMINATION (UNMETERED)

STANDARD DRAWING No.

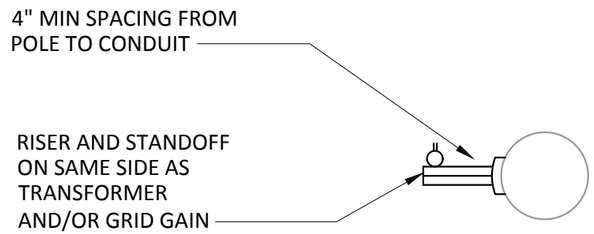
821



RISER DETAIL

NOTES

1. WEATHERHEAD SHALL BE LOCATED 8" BELOW SECONDARY. THE PUD WILL MAKE ALL SECONDARY
2. SERVICE CONNECTIONS AT THE POLE.
3. THE FIRST TEN (10) FEET OF RISER SHALL BE RIGID GALVANIZED STEEL OR SCHEDULE 80 PVC CONDUIT AND REMAINING PORTION SHALL BE SCHEDULE 40 PVC OR SCHEDULE 80 PVC.
4. APPLY A BITUMINOUS COATING ON BURIED PORTION OF STEEL CONDUIT
5. GROUND CLAMP & TAP TO POLE GROUND REQUIRED WHEN FIRST TEN (10) FEET OF RISER IS RIGID STEEL.



RISER POSITION DETAIL

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE

CONDUIT RISER DETAIL

FOR PUD SERVICE DROP

STANDARD DRAWING No.

822

Filename
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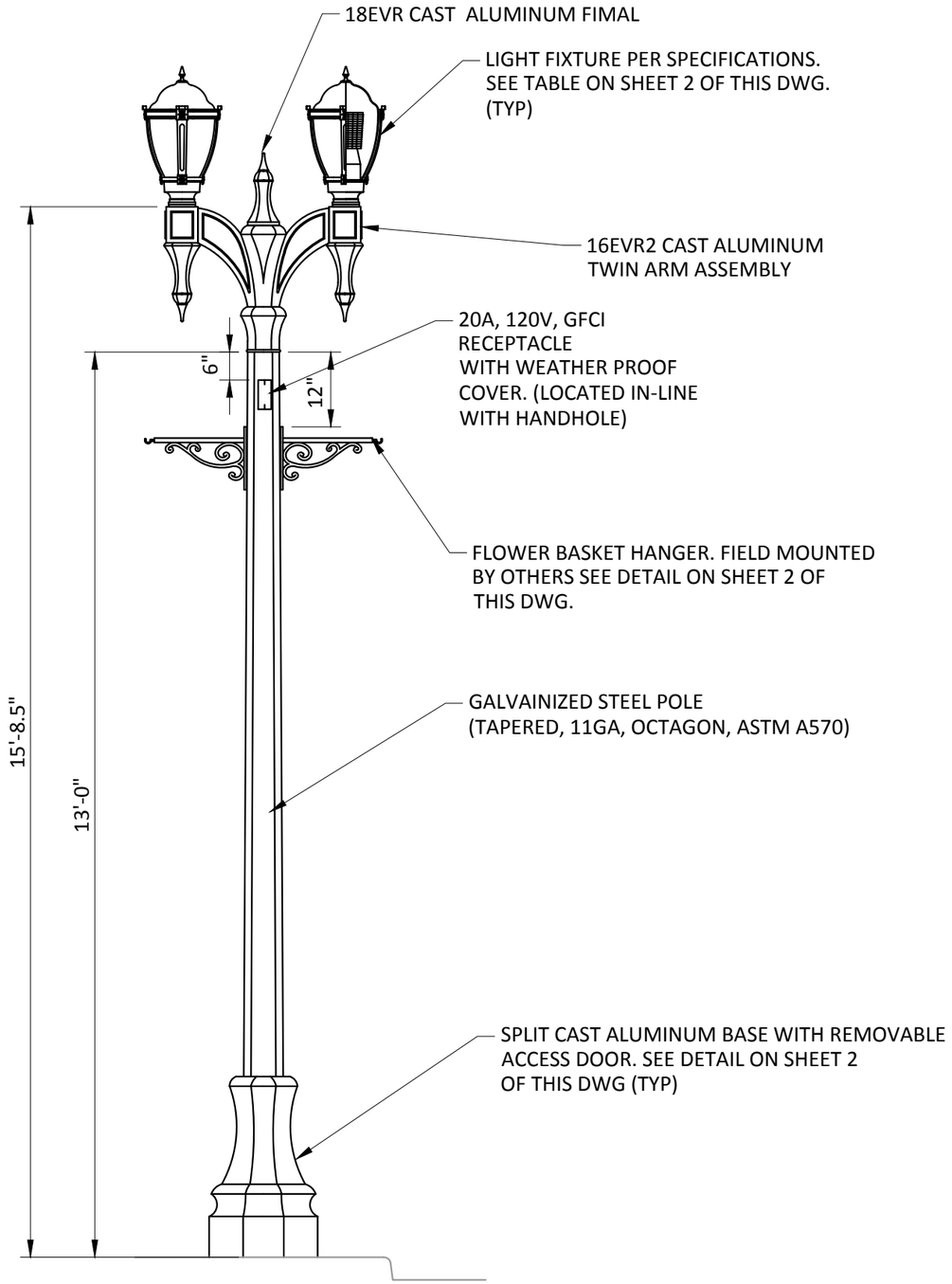
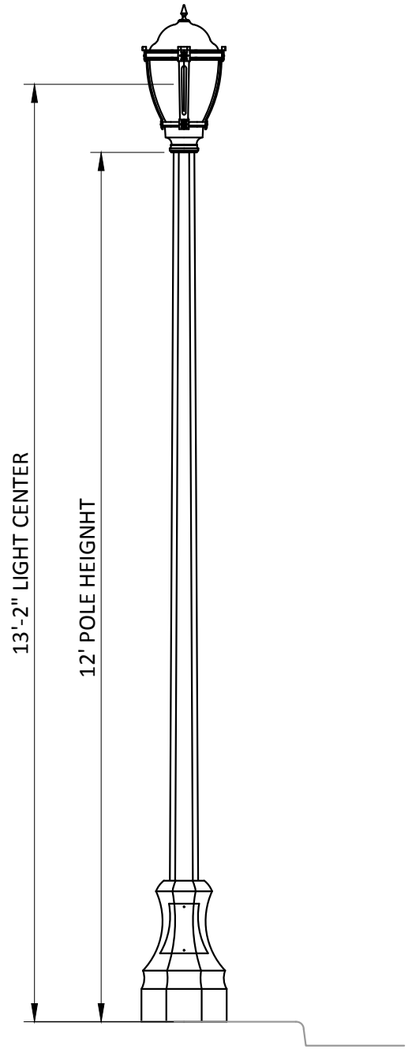


LIGHTING REFERENCE NO.
VI-EVR/9-EVR2-DCT/13'

TYPE A
TWIN FIXTURE MOUNTING



PEDESTRIAN LIGHT ONLY USED WITH APPROVAL OF CITY ENGINEER

TYPE B
SINGLE FIXTURE MOUNTING

SPECIFICATIONS	
LAMP POST STYLE:	PER MANUFACTURER
CASTINGS STYLE	"EVERETT" SPLIT BASE ASSEMBLY
MATERIAL:	ASTM A356 ALUMINUM
SUPPORT POLE:	TAPERED, 11GA. OCTAGON
MATERIAL:	ASTM A570=88, Gr. 33 STEEL
FIXTURE STYLE	CYCLONE CG21T4-AGPF-3L-67W-4K-240-EA1-GCY03P-F1AP-R30-RAL6012TX
LIGHT SOURCE:	LED, 67 WATTS, 4000K, IES TYPE III - OR AS SPECIFIED
FINISH:	PRIME & FINISH PAINT, EVERETT GREEN
ANCHOR BOLTS:	1x36x6 A307 GALV.
FLOWER BASKET HANGER:	TWIN 20" DECORATIVE

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Filename
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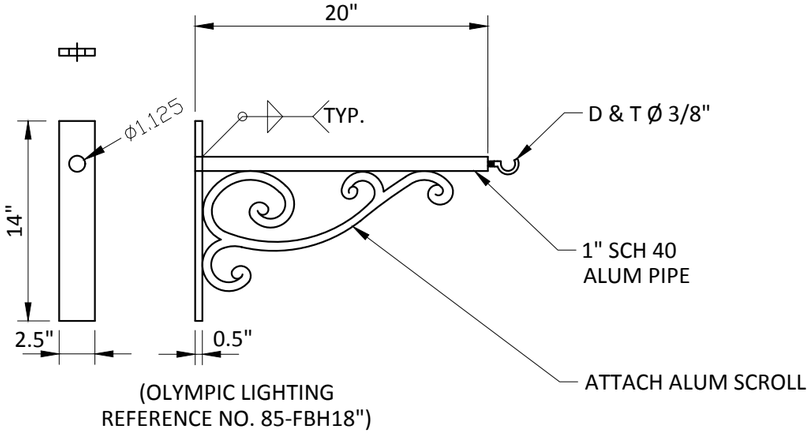
PLOTTED: 12/29/2016 8:23 AM

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

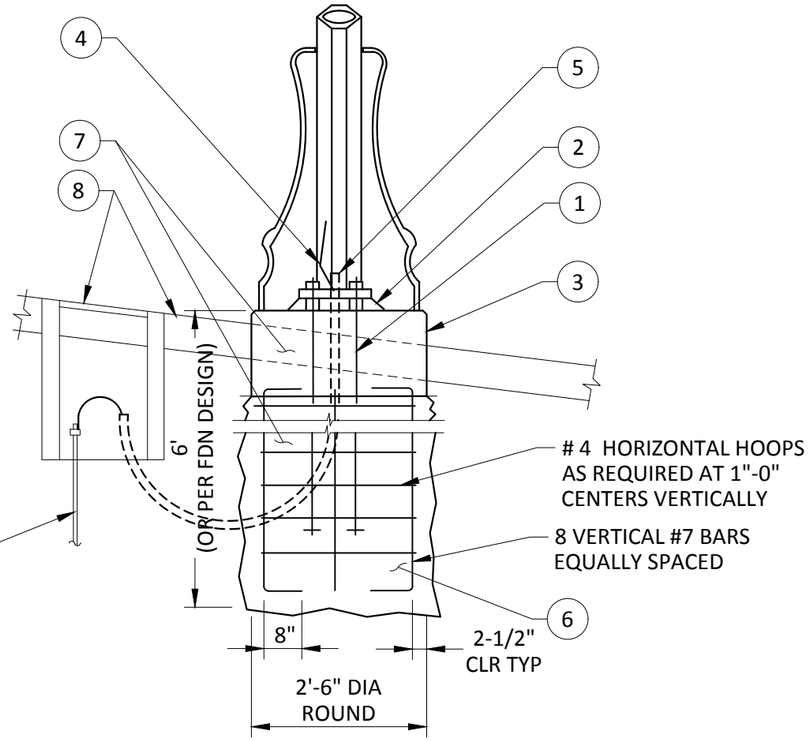
TITLE
DECORATIVE STREET LIGHT
TYPE A & TYPE B POLES

STANDARD DRAWING No.
823

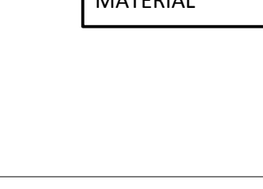


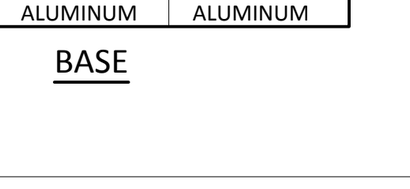
(OLYMPIC LIGHTING
REFERENCE NO. 85-FBH18")

FLOWER BASKET HANGER (OPTIONAL)



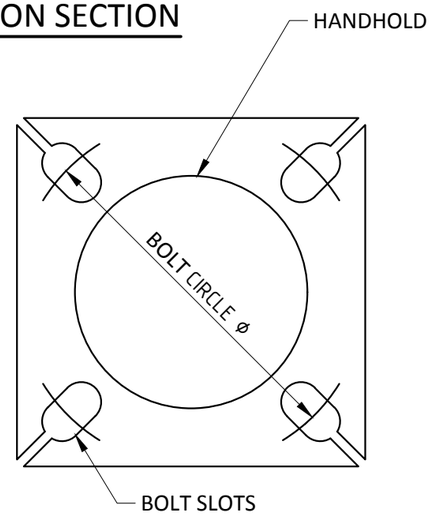
FOUNDATION SECTION





BASE SPECIFICATIONS		
ITEM	SINGLE FIXTURE	TWIN FIXTURE
DIMENSION "A"	18"	24"
DIMENSION "B"	30"	40"
MATERIAL	CAST ALUMINUM	CAST ALUMINUM

BASE



ANCHOR PLATE DETAIL

NOTES

1. ANCHOR BOLT, SIZE & CIRCLE DIAMETER PER MANUFACTURERS SHOP DRAWINGS.
2. 2" NOM GROUT PAD WITH 1/2"DRAIN HOLE. FOUNDATION FLUSH IN PAVED AREAS.
3. EXTEND 2'-6"DIAMETER FOUNDATION 1" MINIMUM ABOVE FINISHED SIDEWALK. TOP SURFACE OF FOUNDATION SHALL BE LEVEL WITH 1/2" CHAMFER.
4. CONNECT SYSTEM GROUND TO POLE GROUND STRAP AND EXTEND GROUND TO ALL EQUIPMENT.
5. ALL CONDUITS SHALL EXTEND 3" ABOVE FOUNDATION.
6. CONCRETE SHALL BE COMMERCIAL MIX CONCRETE AS CALLED OUT IN WSDOT STANDARD SPECIFICATIONS.
7. FOUNDATION WILL BE POURED IN PLACE WITH FORMING OF TOP 3-1/2".
8. FOR SPECIFIC LOCATION AND SURROUNDING ITEMS LIKE JUNCTION BOXES AND SIDEWALKS SEE PLANS.

ANCHOR PLATE SPECIFICATIONS		
ITEM	TYPE A TWIN FIXTURE	TYPE B SINGLE FIXTURE
PLATE	1' THICK A36 STEEL	1' THICK A36 STEEL
BOLT CIRCLE	12"Ø	9"Ø
BOLT SLOTS	(4) 1 - 1/4" ACCEPTING *	(4) 1 - 1/8" ACCEPTING 1"Ø
ANCHOR BOLT	A307 GALVANIZED *	1" x 36" GALVANIZED

* LENGTH PER MANUFACTURE SPECIFICATIONS.

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE: DECORATIVE STREET LIGHT

STANDARD DRAWING No. 824

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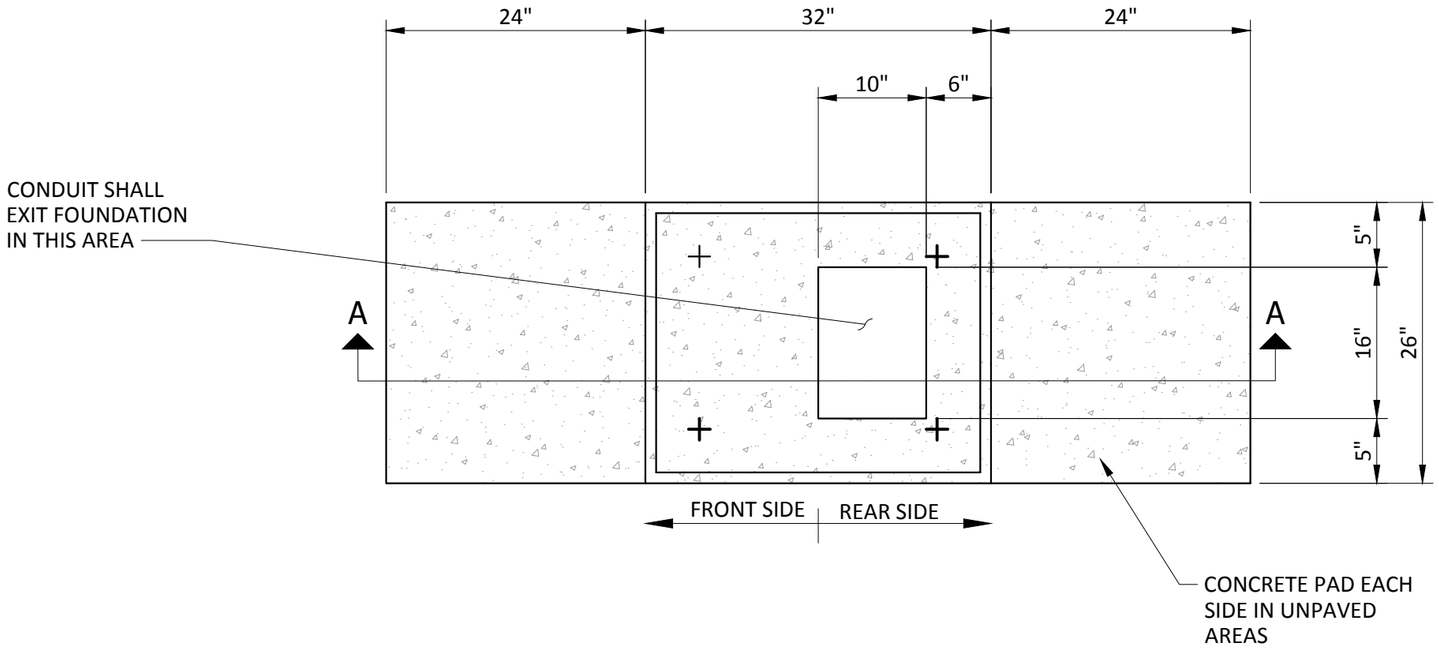
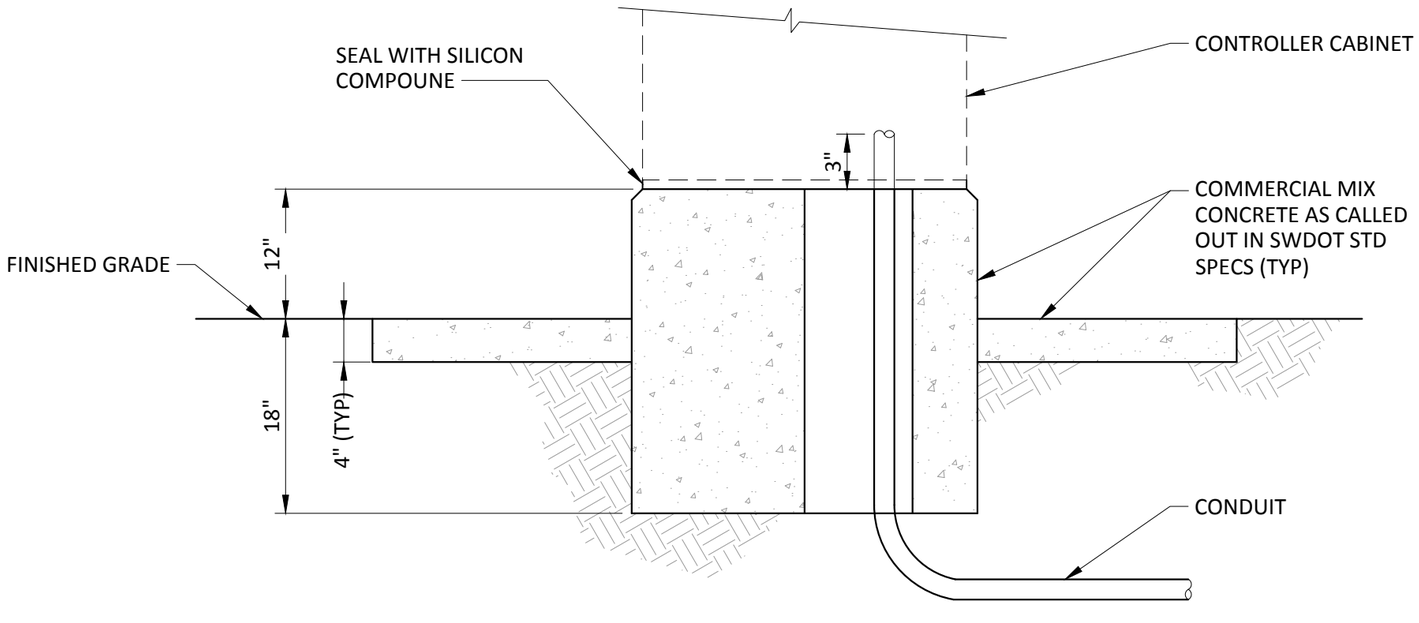


PLAN VIEW



SECTION A-G

DRAFT

Filename
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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

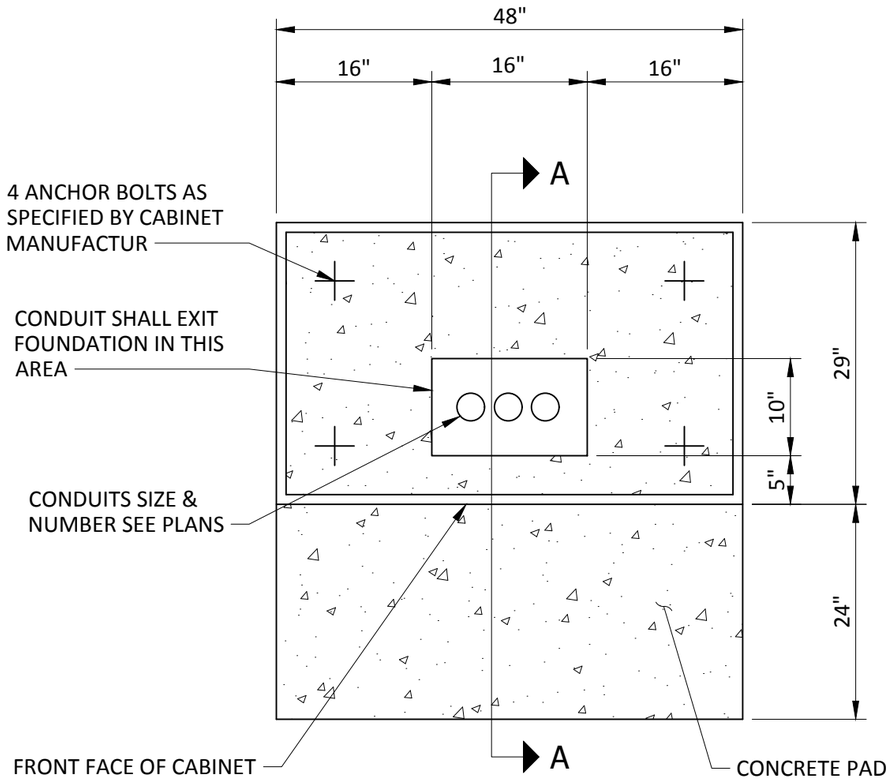
TITLE

332 CABINET

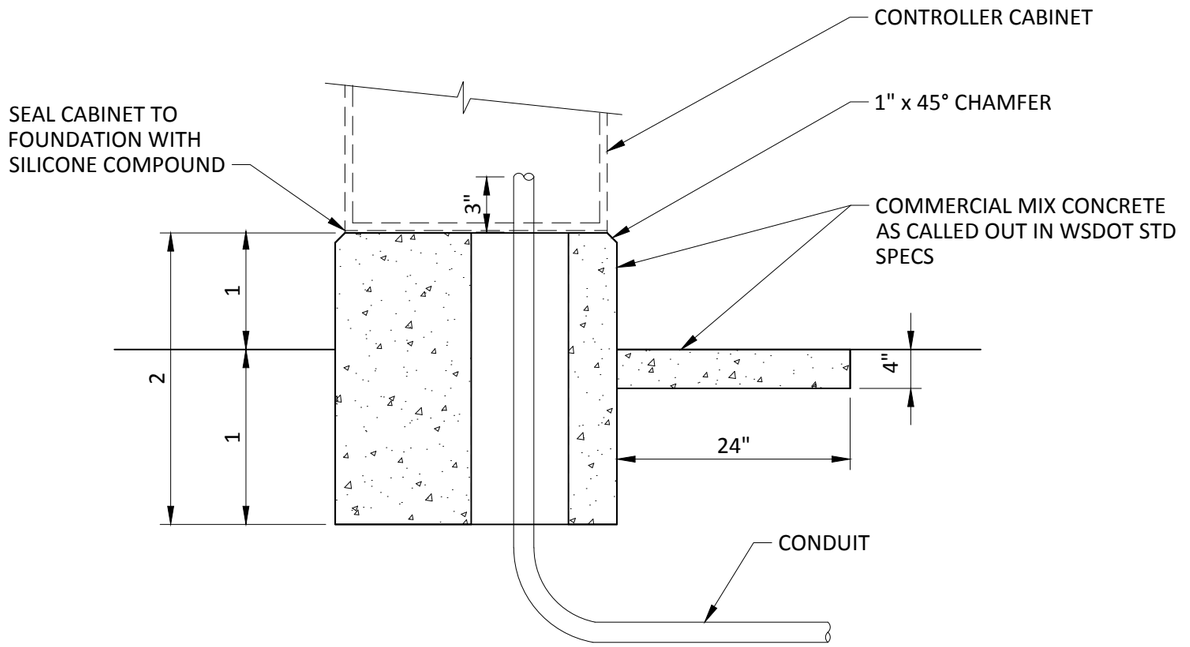
FOUNDATION DETAIL

STANDARD DRAWING No.

825



PLAN VIEW



SECTION A-A

DRAFT

CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE

NEMA "P" CABINET

FOUNDATION DETAIL

STANDARD DRAWING No.

826

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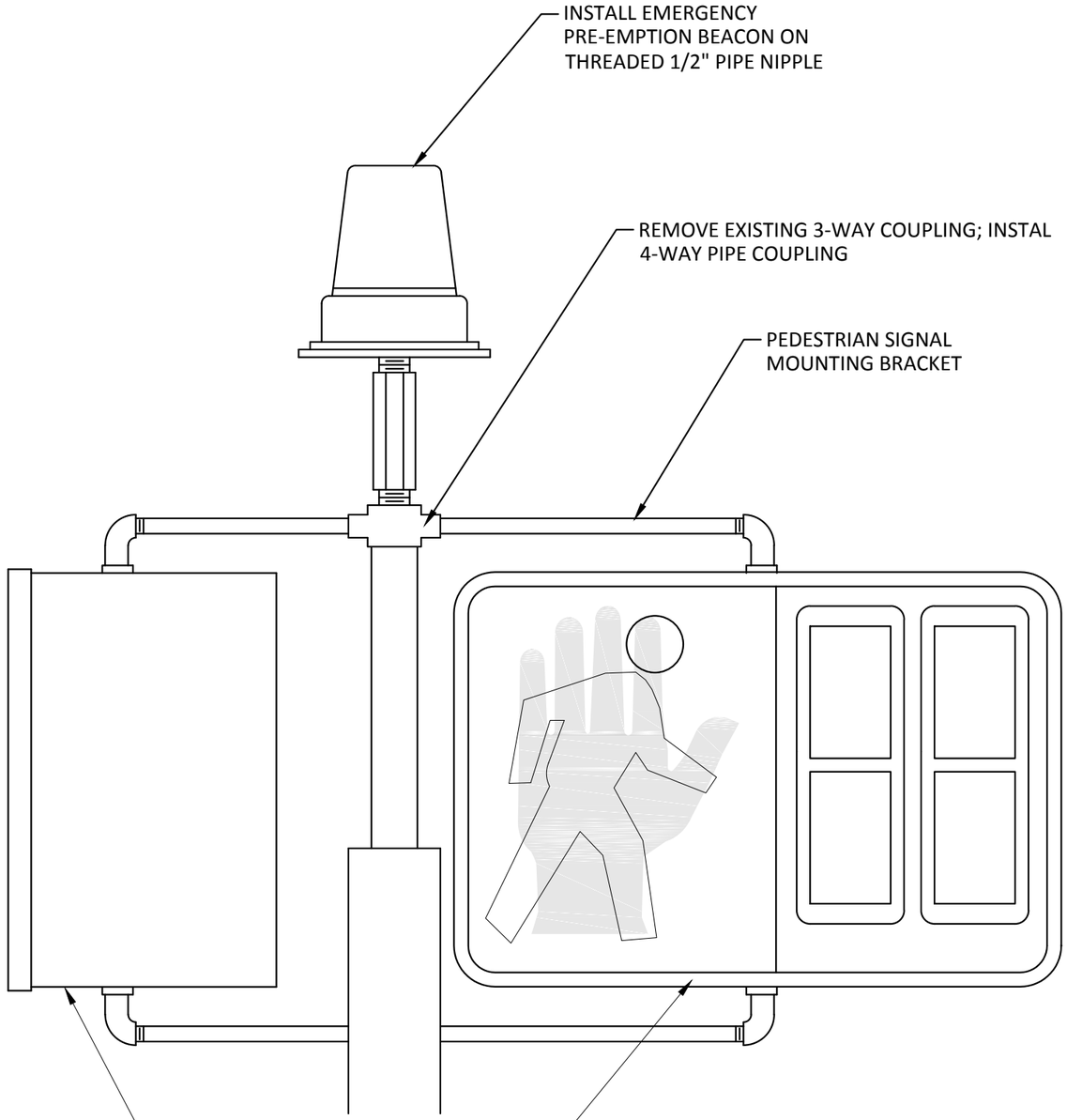

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE

EMERGENCY PRE-EMPTION BEACON

MOUNTING DETAIL FOR TYPE PS POLE

STANDARD DRAWING No.

827

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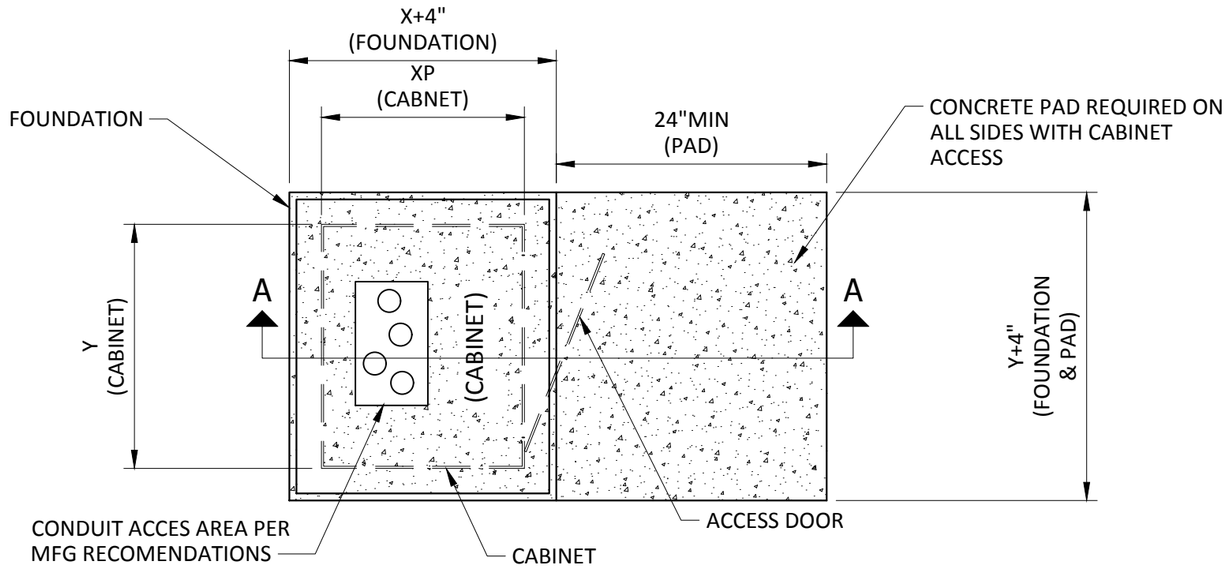
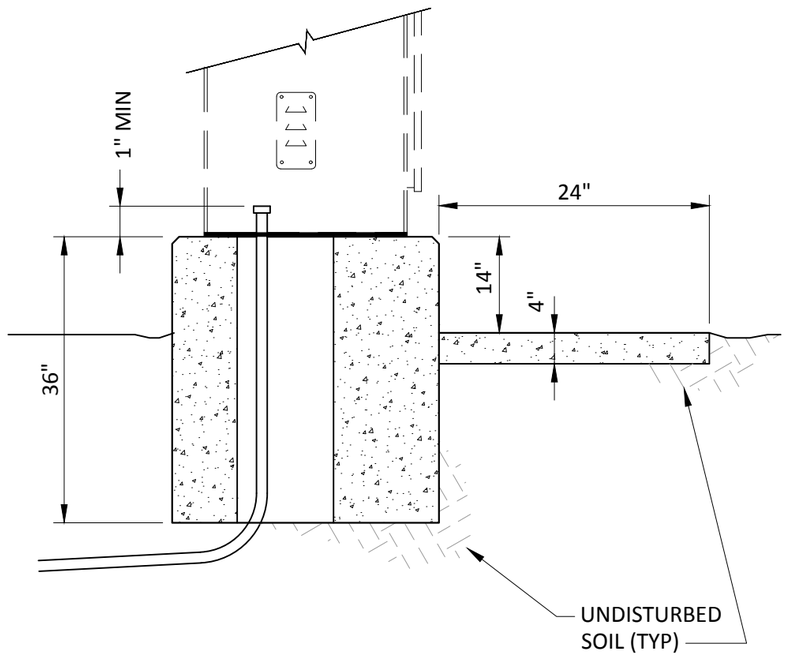
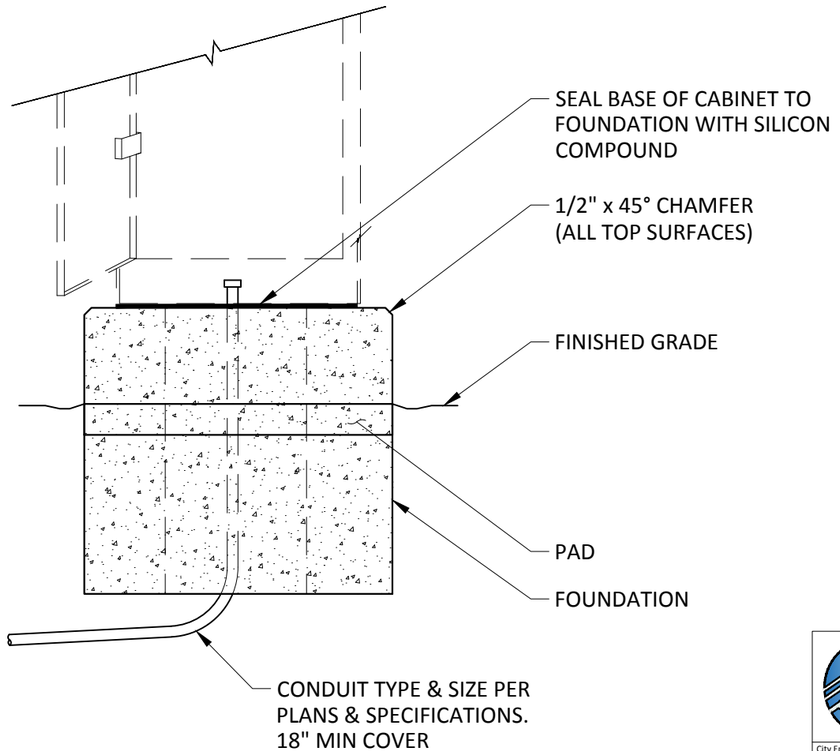


PLAN



SECTION A-A



ACCESS SIDE

FOUNDATION & PAD NOTES

1. FORMED CONSTRUCTION
2. COMMERCIAL MIX CONCRETE AS CALLED OUT IN WSDOT STD SPECS.
3. 1/2" CHAMFER AT FOUNDATION TOP
4. STAINLESS STEEL ANCHOR BOLTS, LOCATION, SIZE AND QUANTITY PER CABINET MFG SPEC.
5. FOUNDATION AND PAD TO SIT UNDISTURBED SOIL.
6. CONDUIT TO EXTEND A MIN OF 6"ABOVE FOUNDATION.
7. TOP SURFACE SHALL BE LEVEL.

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CITY OF EVERETT
PUBLIC WORKS DEPARTMENT

City Engineer	Section Manager	CAD Manager	Drawn By	Current Rev Date
RYAN SASS	COREY HERT	PAUL WILHELM	LAK	12/30/2016

TITLE
TRAFFIC ELECTRICAL CABINET
FOUNDATION DETAIL

STANDARD DRAWING No.
828