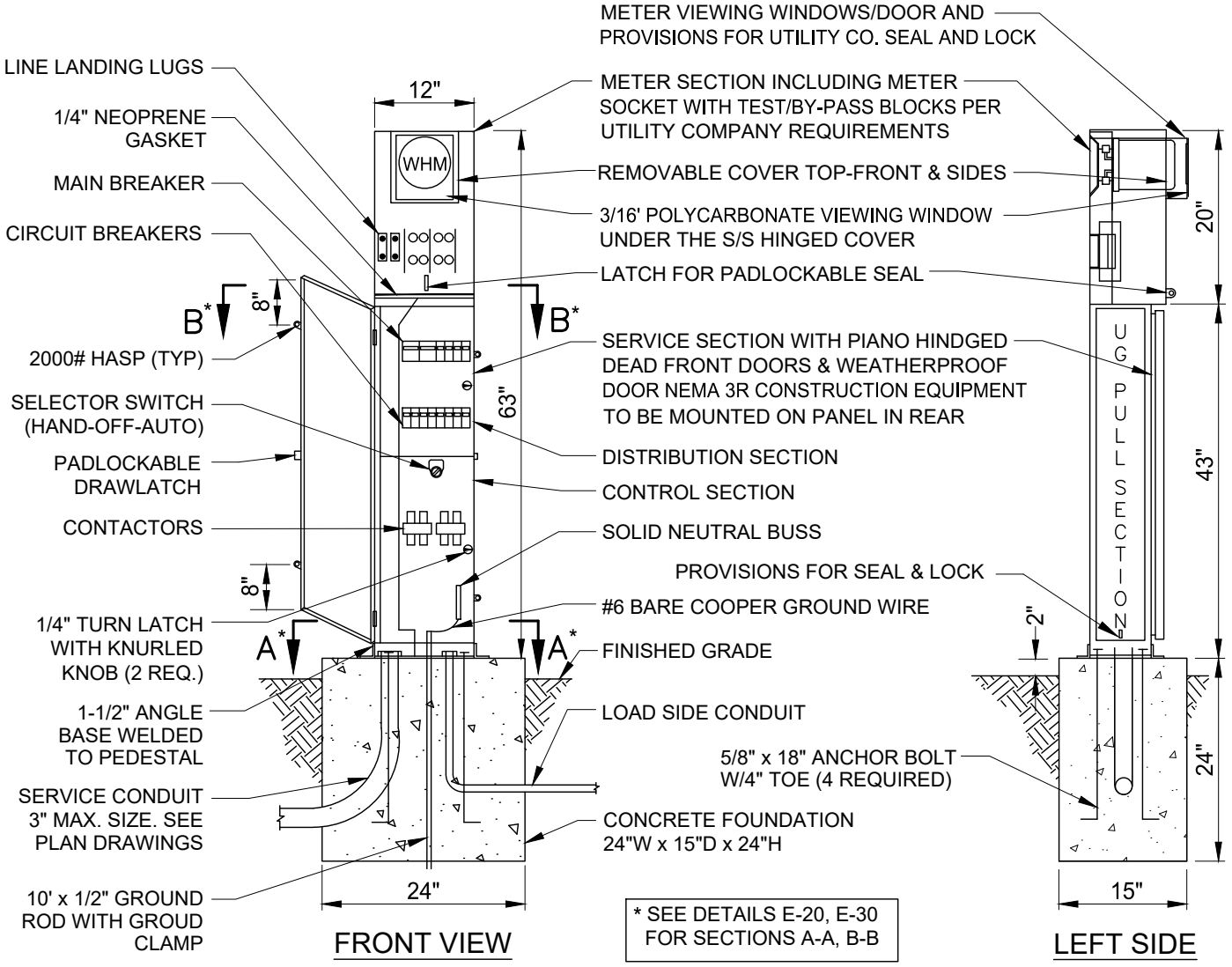

METERED SERVICE PEDESTAL
(120/240/208)

1. EXTERIOR 14 GAUGE #304D STAINLESS STEEL, INTERIOR DEAD FRONT PANEL & BACK PAN SHALL BE 14 GAUGE STEEL PAINTED WHITE ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
2. CONSTRUCTION IS NEMA 3R AND 12, RAIN TIGHT AND DUST TIGHT.
3. ALL NUTS, BOLTS, SCREWS AND HINGES SHALL BE STAINLESS STEEL.
4. NUTS, BOLTS & SCREWS ARE NOT USED ON THE OUTSIDE PEDESTAL.
5. PHENOLIC NAMEPLATES TO IDENTIFY ALL OPERATOR CONTROLS.
6. CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
7. A PLASTIC COVERED WIRING DIAGRAM WILL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
8. PEDESTAL WILL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA STANDARDS.
9. PEDESTAL(S) WILL BE U.L. LISTED AS INDUSTRIAL CONTROL PANELS, U.L. 508 FILE NO. E62062
10. WIRING BETWEEN CIRCUIT BREAKER AND CONTACTOR SHALL BE A #6 THWN OR THHN MINIMUM.
11. SEE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
12. SERVICE MUST CARRY A NEUTRAL TO STREETLIGHTS FOR 120 V OPERATION

REV.	DATE	DESCRIPTION
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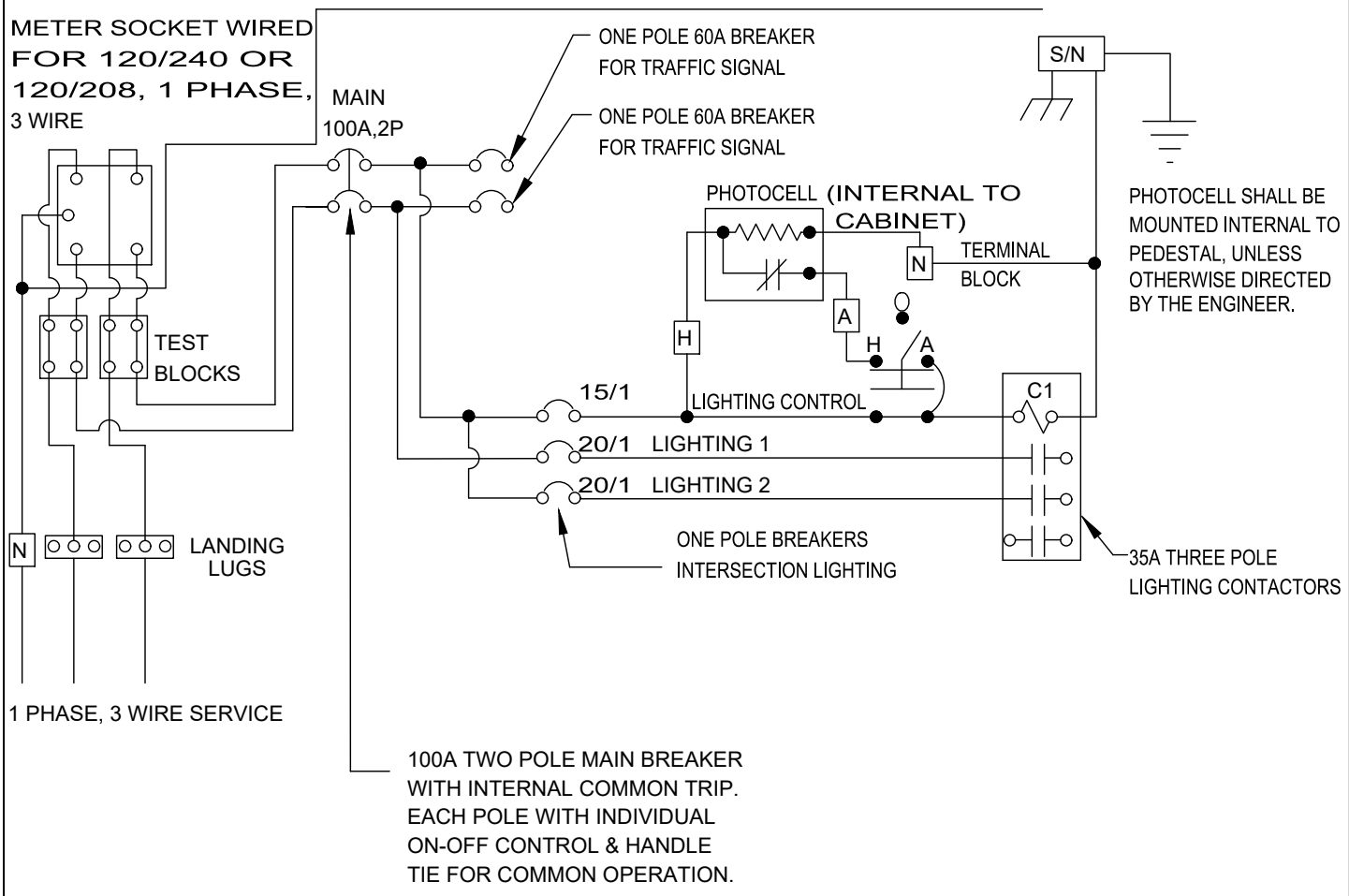
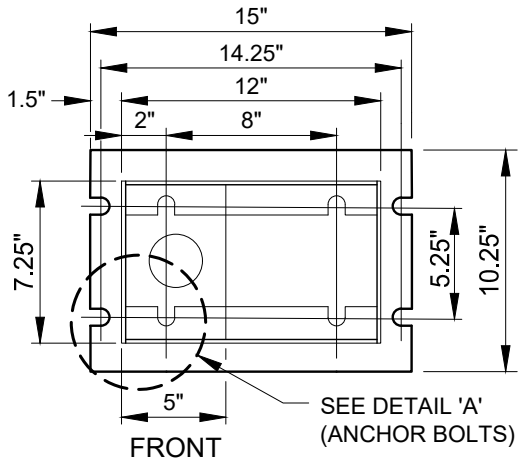
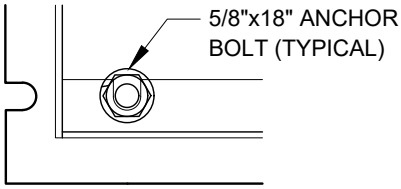
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	METERED SERVICE PEDESTAL	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 10

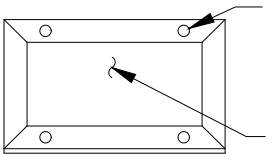




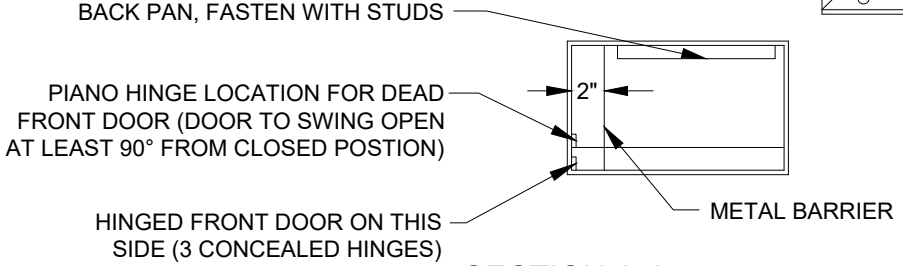
BASE PLATE DETAIL



DETAIL 'A'



SECTION B-B



SECTION A-A

REV.	DATE	DESCRIPTION
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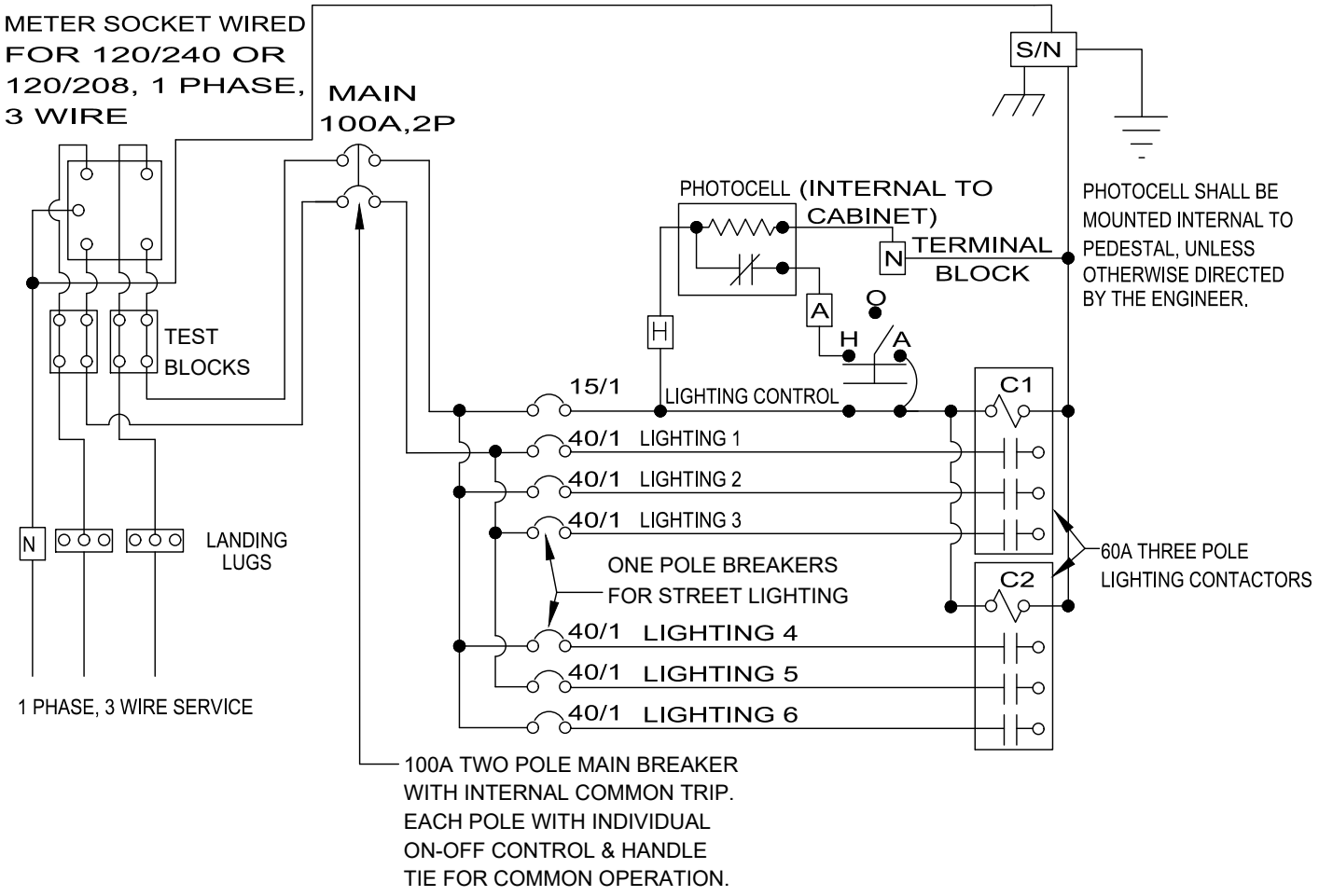
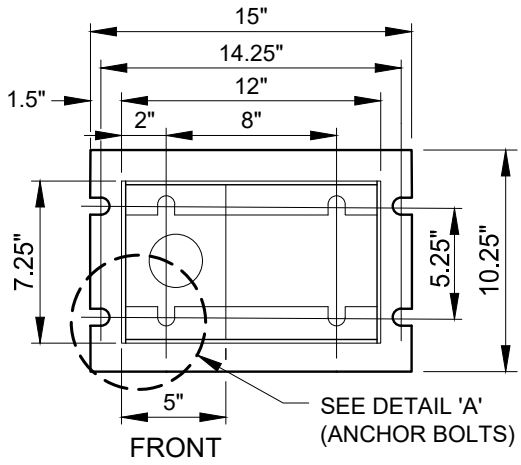
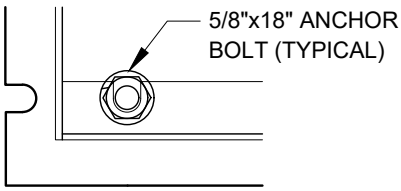
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	METERED TRAFFIC SIGNAL SERVICE PEDESTAL	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 20

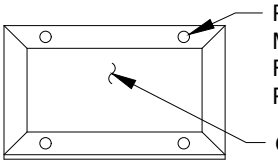




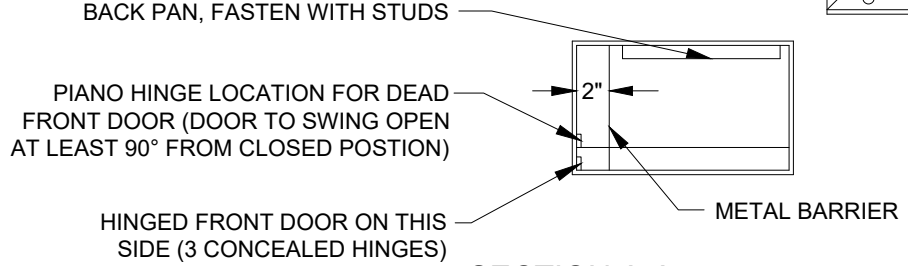
BASE PLATE DETAIL



DETAIL 'A'



SECTION B-B



SECTION A-A

REV.	DATE	DESCRIPTION
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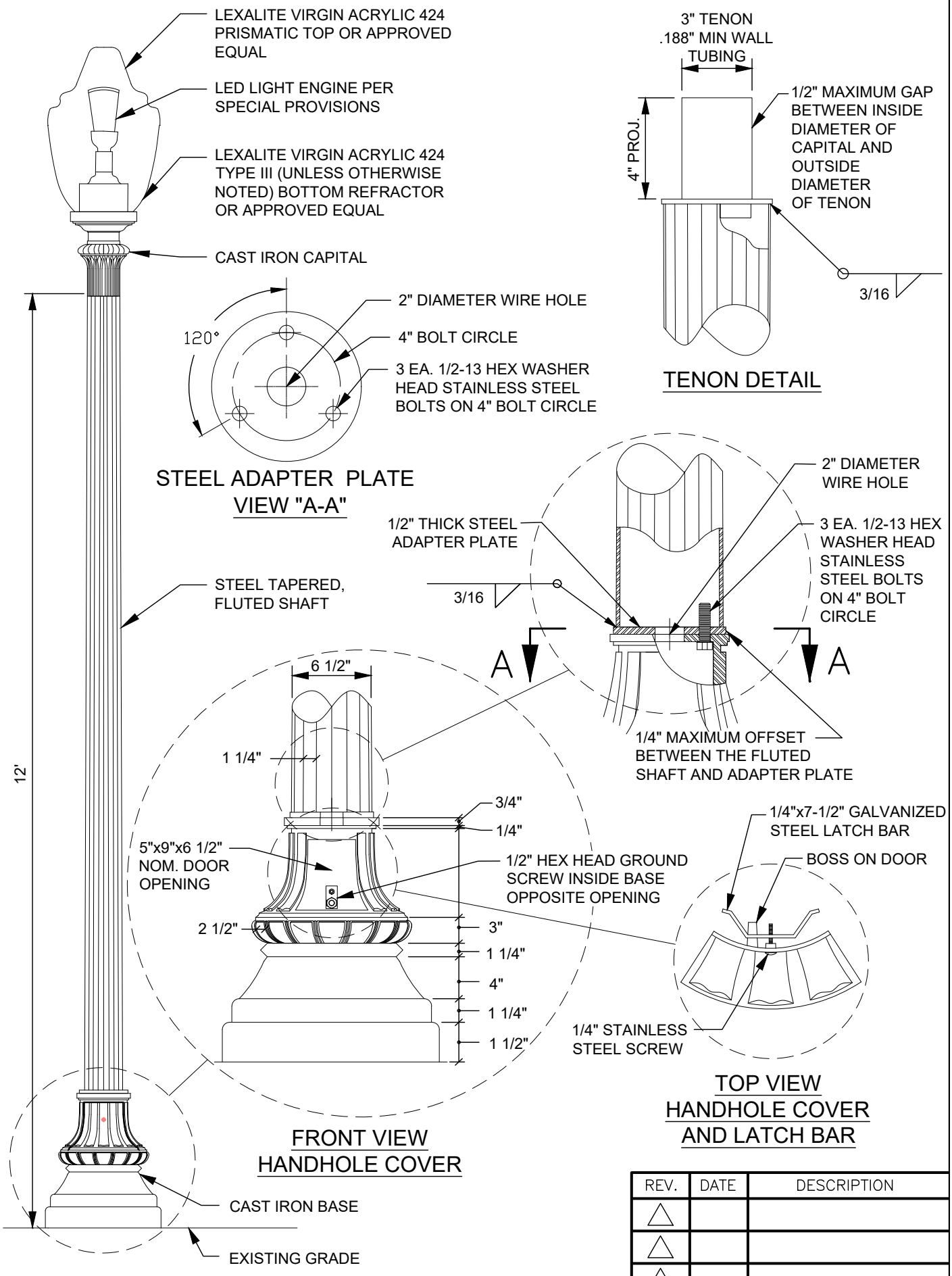
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	METERED STREETLIGHT SERVICE PEDESTAL	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 30



REV.	DATE	DESCRIPTION
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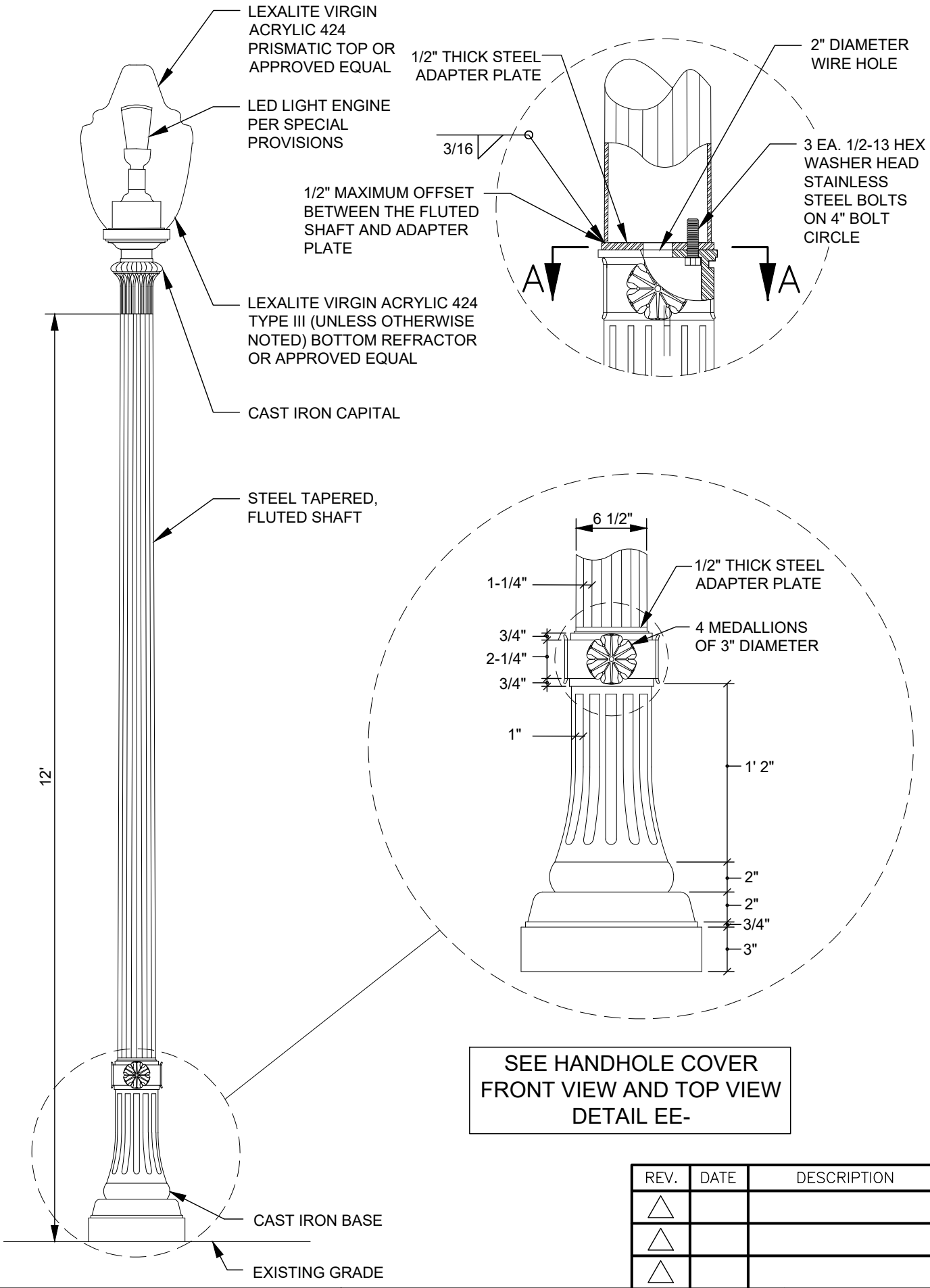
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	ORNAMENTAL STREETLIGHT STYLE 1	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 40



REV.	DATE	DESCRIPTION
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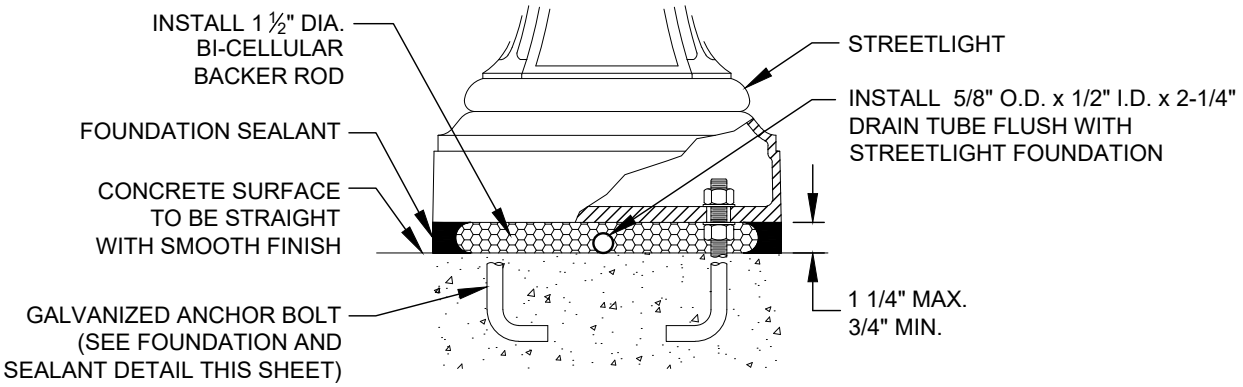
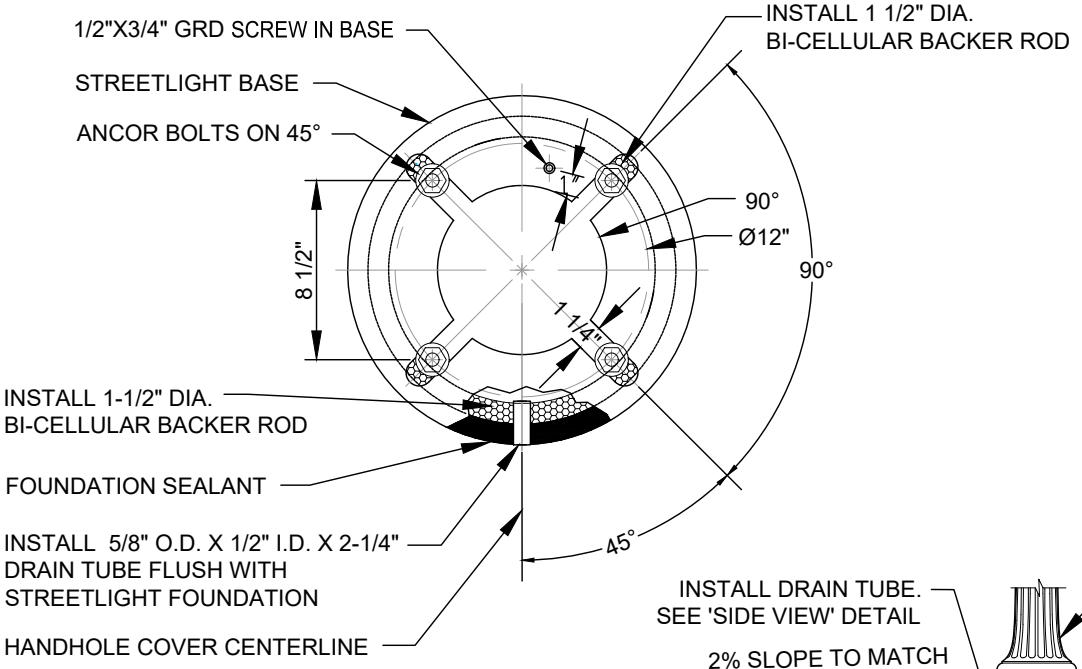
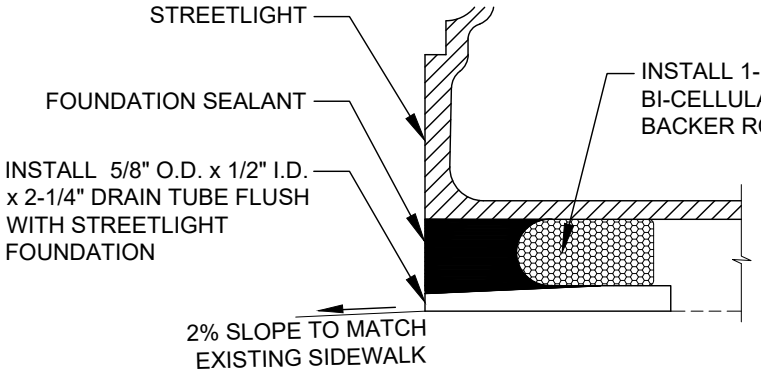
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	ORNAMENTAL STREETLIGHT STYLE II	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 50



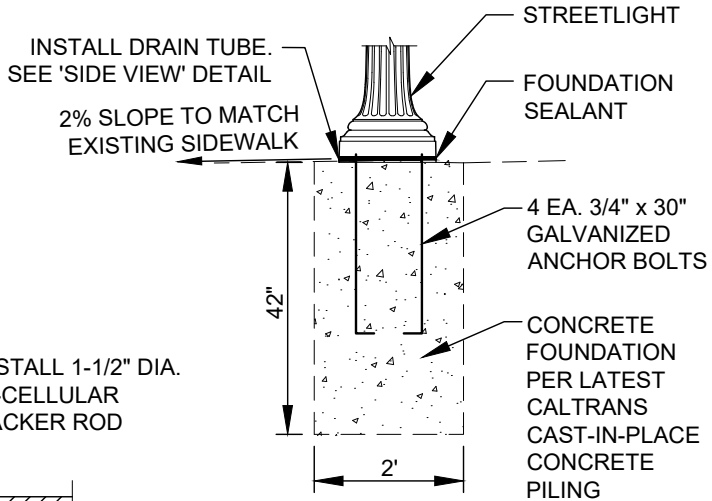
FRONT VIEW



TOP VIEW



SIDE VIEW



FOUNDATION AND
SEALANT DETAIL

REV.	DATE	DESCRIPTION
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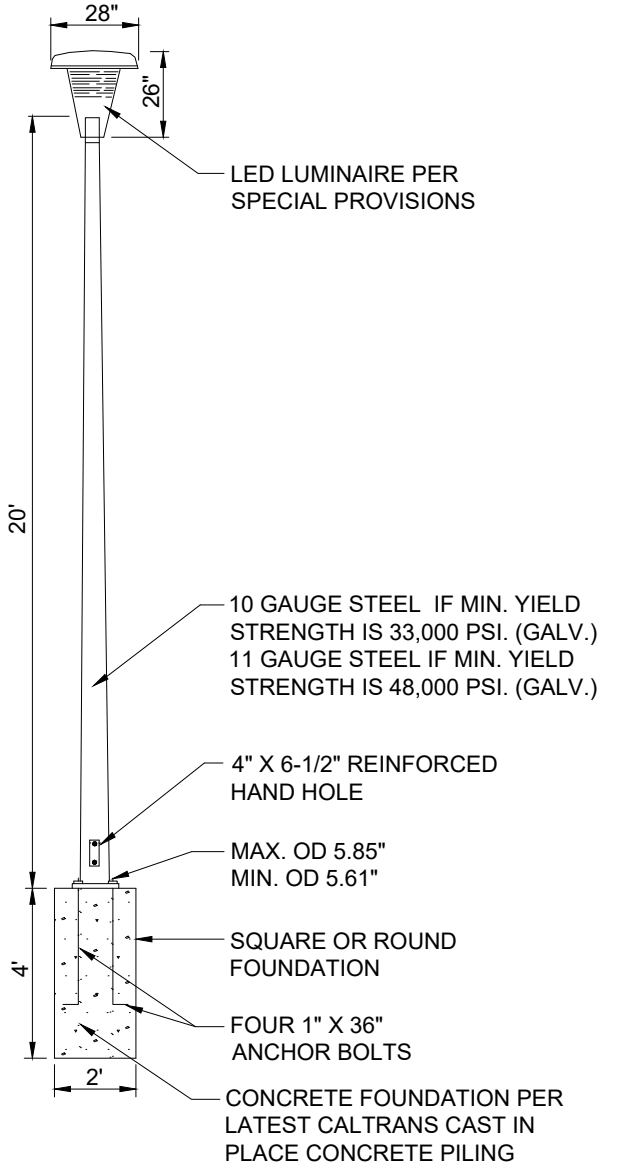
CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

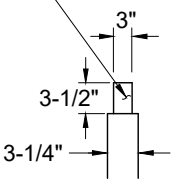
ORNAMENTAL STREETLIGHT
FOUNDATION DETAIL

APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 60

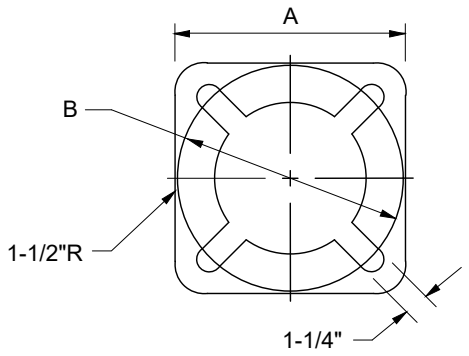


TYPE OF ELECTROLIER	BASE PLATE	
	A	B
POST TOP STEEL	10"	9-1/2"

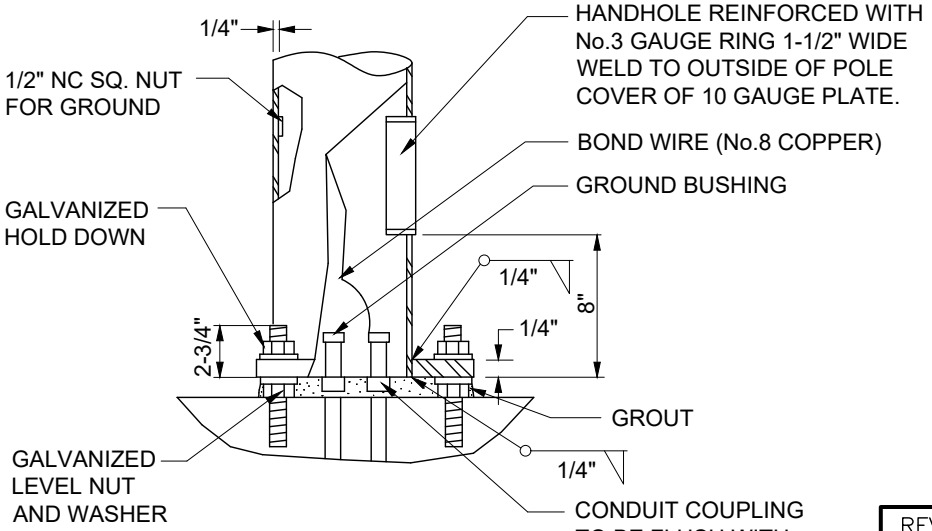
MOLDED TENON 3" x 3-1/2" (NO TAPER) WITH 16 GAUGE. STEEL SLEEVE CAST ALUMINUM TENON OR APPROVED DESIGN IS ALSO AVAILABLE.



TENON DETAIL



BASE PLATE



BASE DETAIL

REV.	DATE	DESCRIPTION
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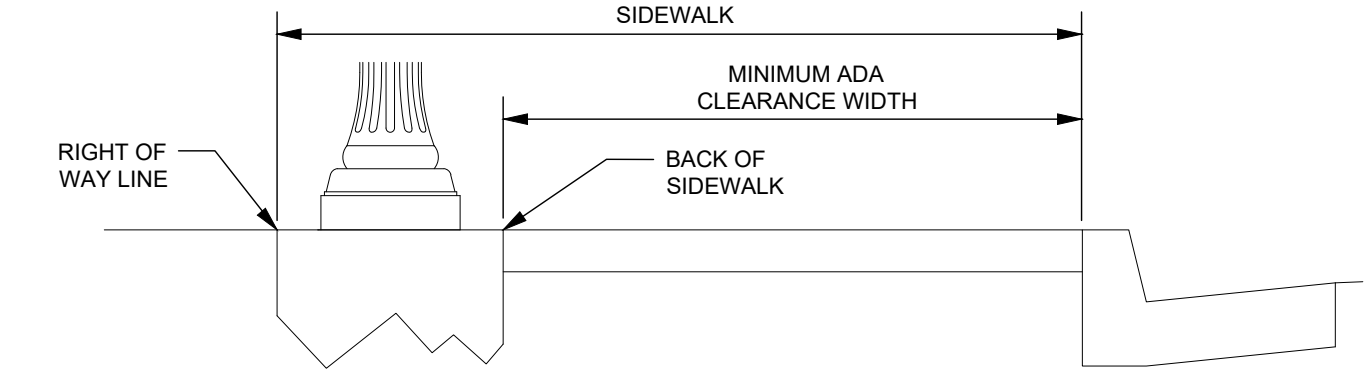
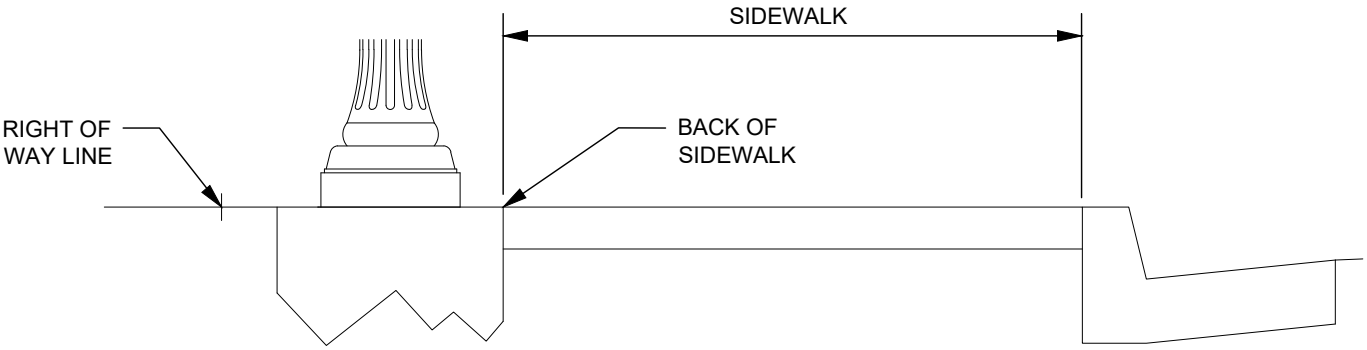
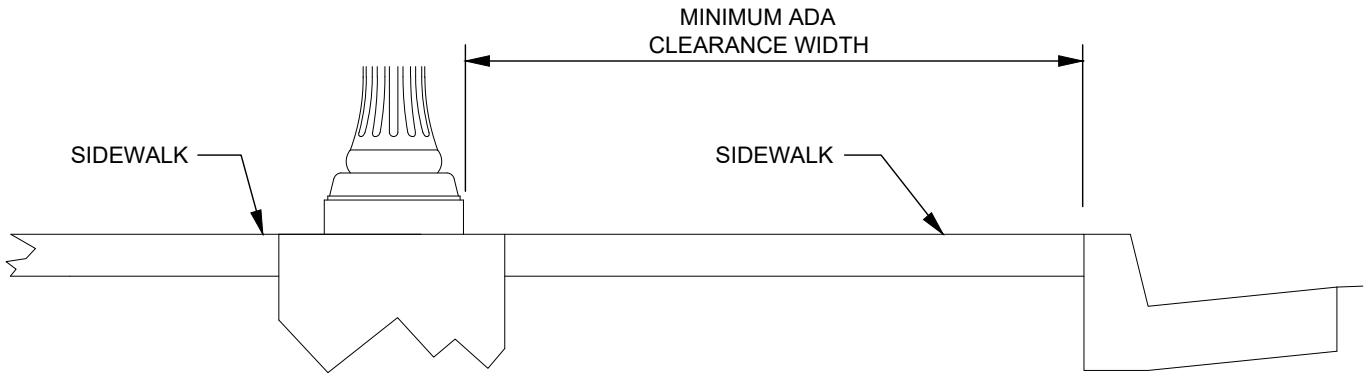
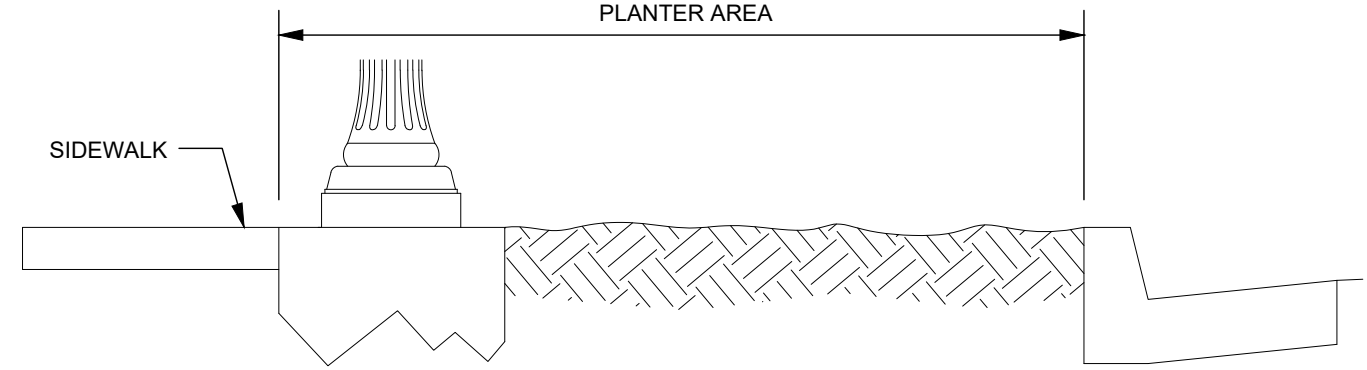
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	POST TOP LUMINAIRES AND DETAILS	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 70









REV.	DATE	DESCRIPTION
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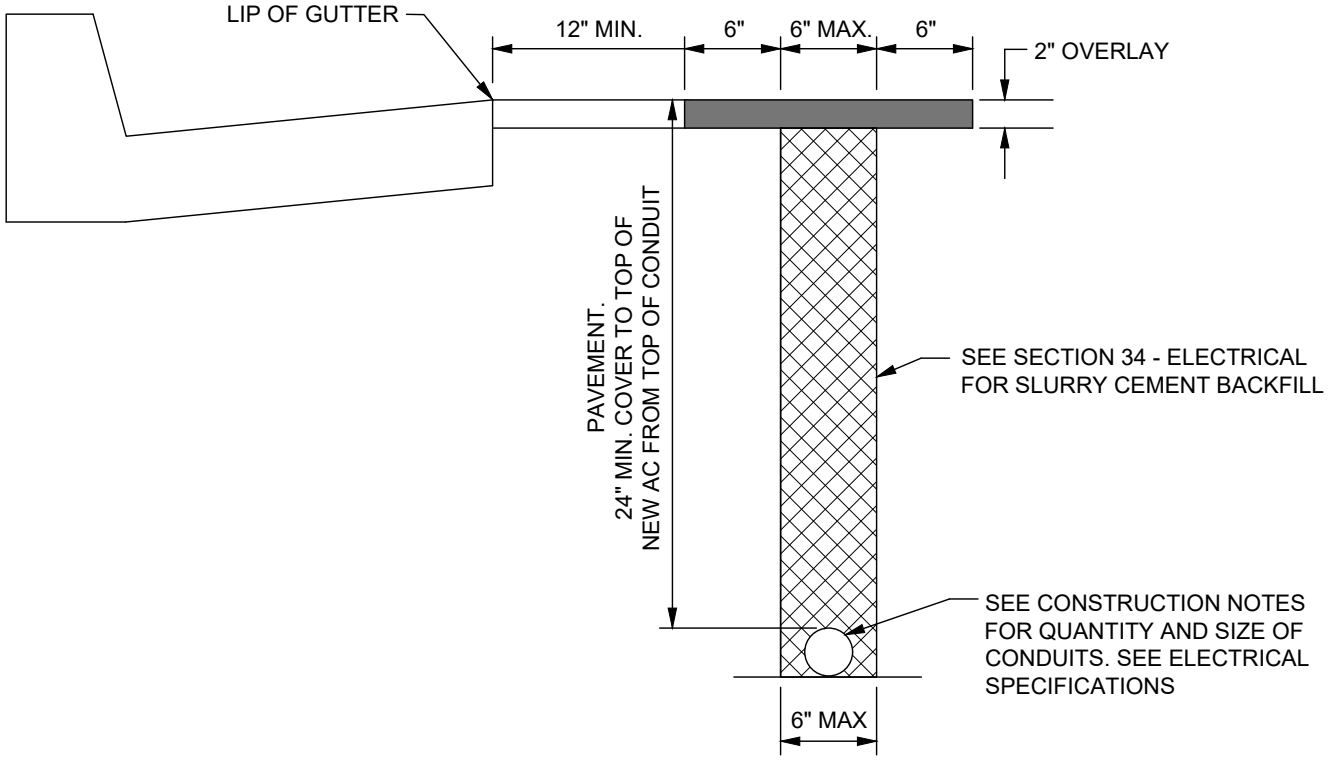
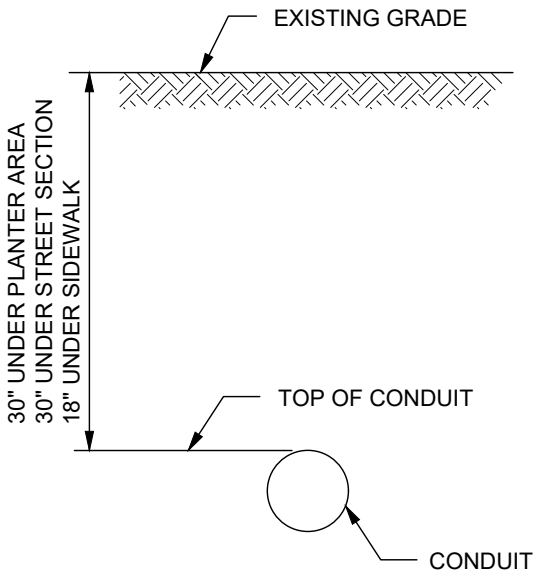
CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

ORNAMENTAL STREETLIGHT LOCATIONS

APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 80



EXISTING ROADWAY CONSTRUCTION



DIRECTIONAL DRILL

REV.	DATE	DESCRIPTION
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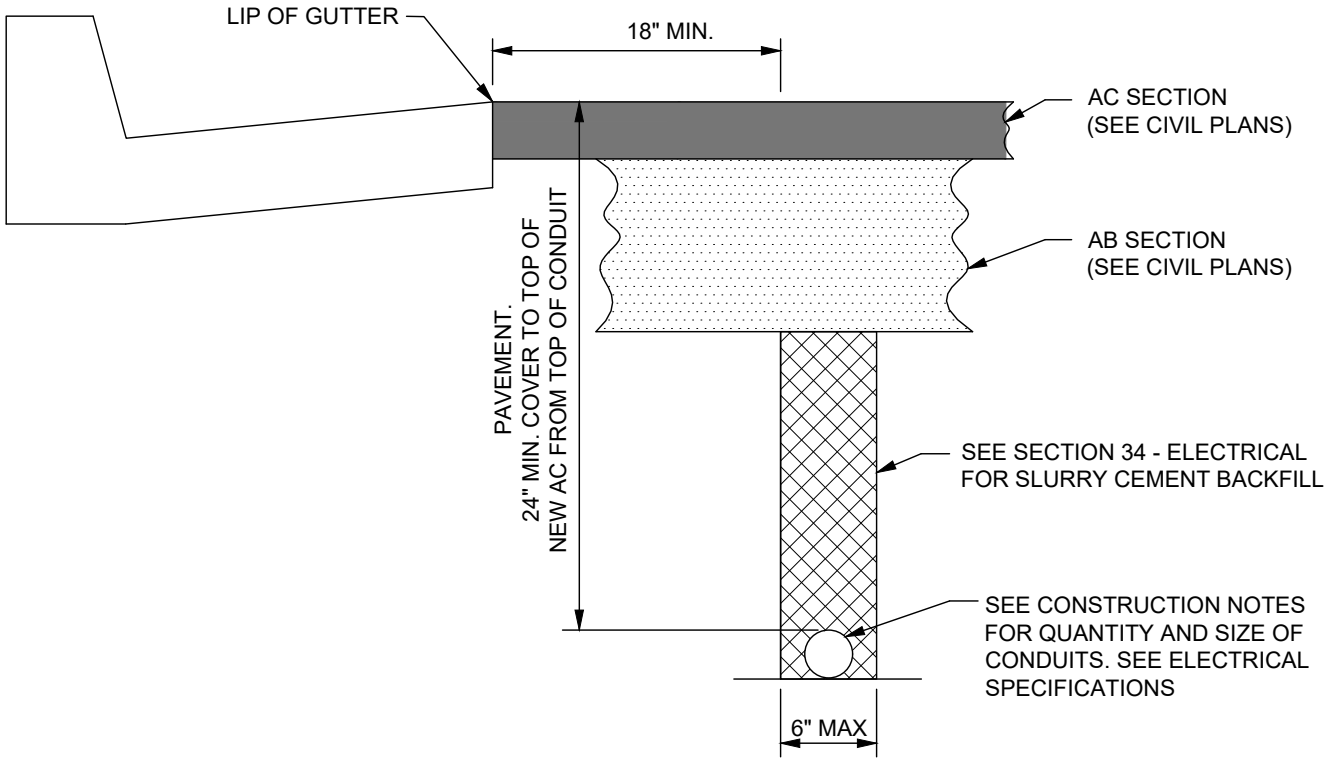
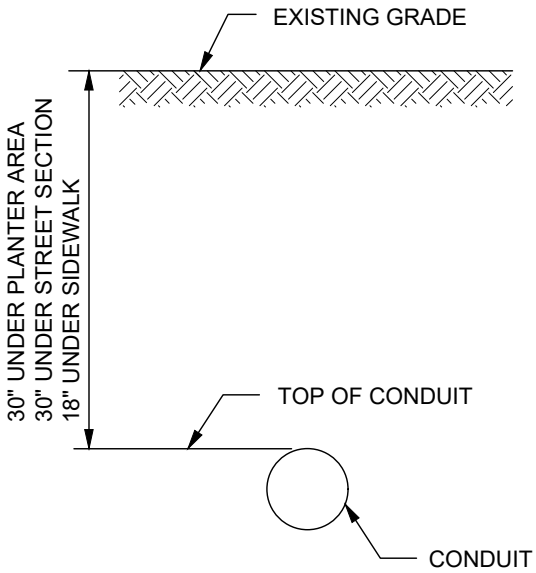
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	"T" TRENCH DETAIL AND DIRECTIONAL DRILL	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 90



NEW ROADWAY CONSTRUCTION AND EXISTING ROADWAY RECONSTRUCTION



DIRECTIONAL DRILL

REV.	DATE	DESCRIPTION
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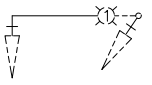
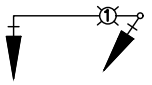
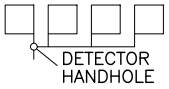
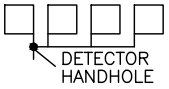
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	TRENCH DETAIL AND DIRECTIONAL DRILL	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 100

LEGEND:

EXISTING	PROPOSED	
		INFRARED EMERGENCY VEHICLE DETECTOR (EV)
		GPS EMERGENCY VEHICLE DETECTOR (EV)
		TRAFFIC SIGNAL FACE WITH BACK PLATE
		TRAFFIC SIGNAL FACE WITH 12" ARROW SECTIONS
		TYPE 1 STANDARD AND ATTACHED TRAFFIC SIGNAL FACES
		STANDARD WITH SIGNAL MAST ARM ONLY AND ATTACHED TRAFFIC SIGNAL FACES
		STANDARD WITH SIGNAL AND LUMINAIRE MAST ARMS AND ATTACHED TRAFFIC SIGNAL FACES AND LUMINAIRE
		INDUCTIVE LOOP DETECTOR, WITH DETECTOR HANDHOLE AND LOCATION OF SAWCUTS
		VIDEO DETECTION ZONE
		ELECTROLIER, TYPE 15TS STANDARD WITH MAST ARM, SIGNAL FACES AND LUMINAIRE WITH CIRCUIT No. INDICATED.
		PEDESTRIAN SIGNAL HEAD
		CONTROLLER CABINET
		SERVICE PEDESTAL
		CONCRETE PULL BOX No. 5 MINIMUM
		FIRE ALARM BOX
		TRAFFIC SIGNAL CONDUIT
		FIBER OPTIC CONDUCTOR
		OVERHEAD CONDUCTOR
		PEDESTRIAN PUSH BUTTON POST
		S.M.U.D. SERVICE BOX
		POWER POLE
		VIDEO DETECTION CAMERA
		CCTV

REV.	DATE	DESCRIPTION
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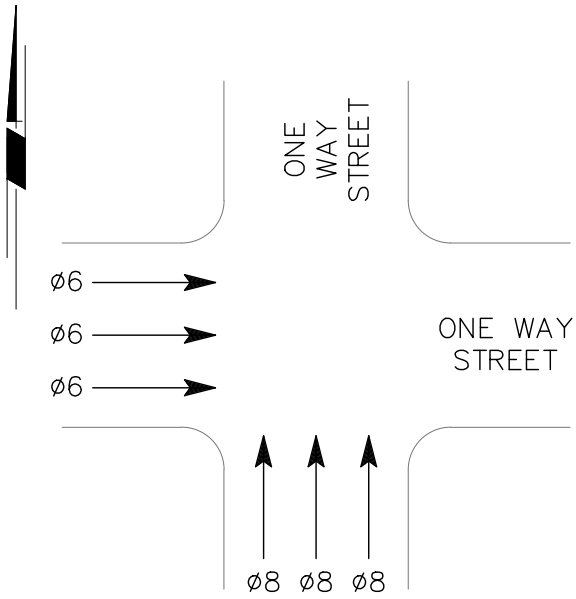
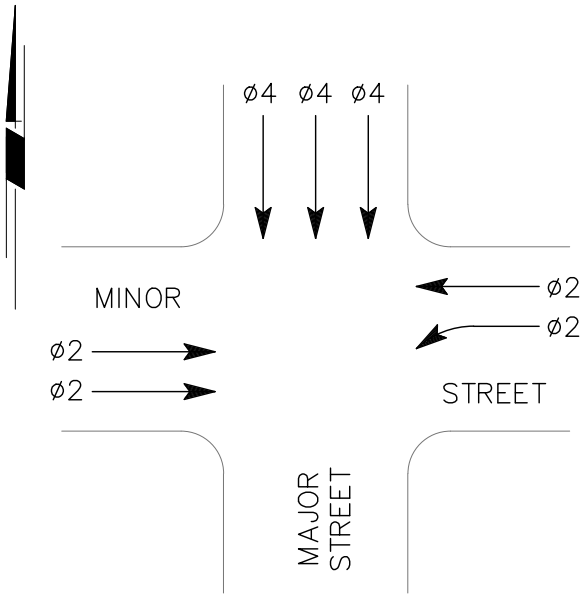
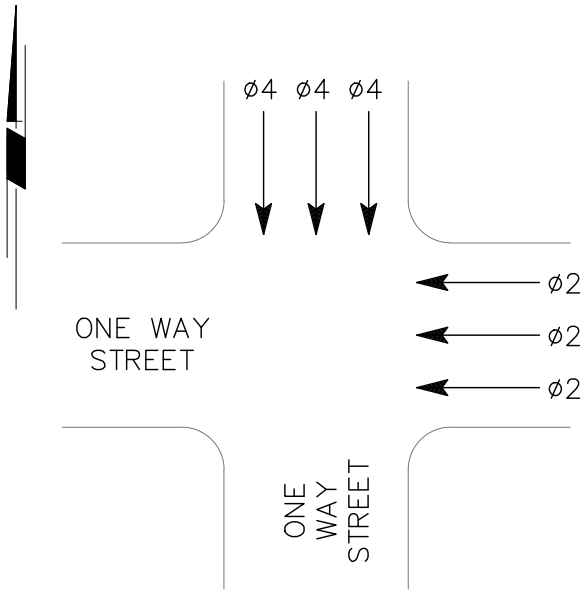
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	TRAFFIC SIGNAL STANDARD SYMBOLS	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 110



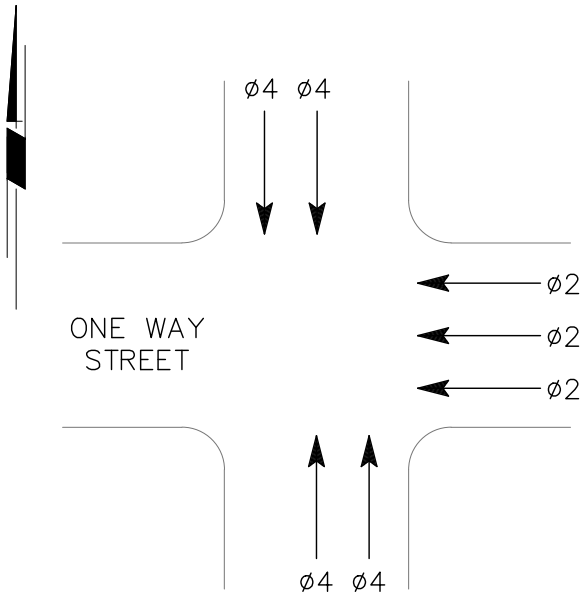
2 PHASE



2 PHASE



2 PHASE



2 PHASE

REV.	DATE	DESCRIPTION
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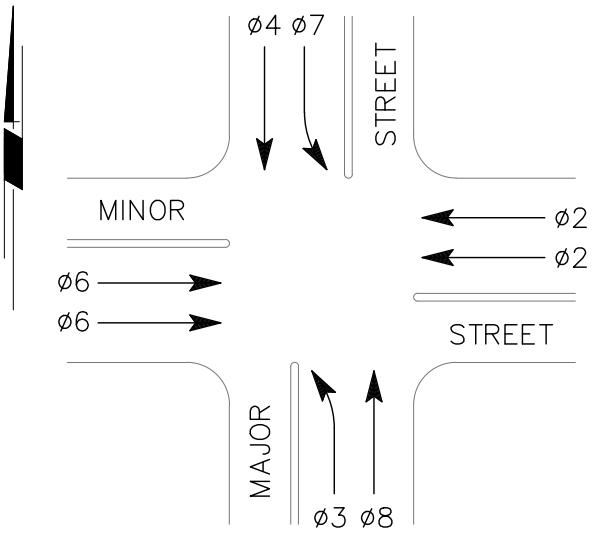
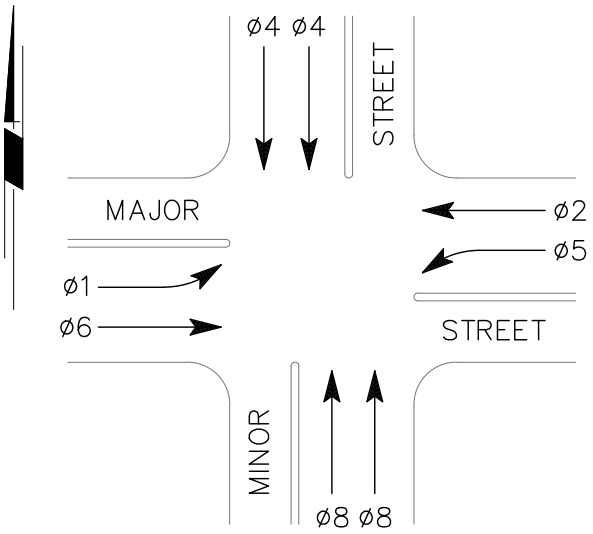
CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

TYPICAL FIXED-TIMED SIGNAL PHASING

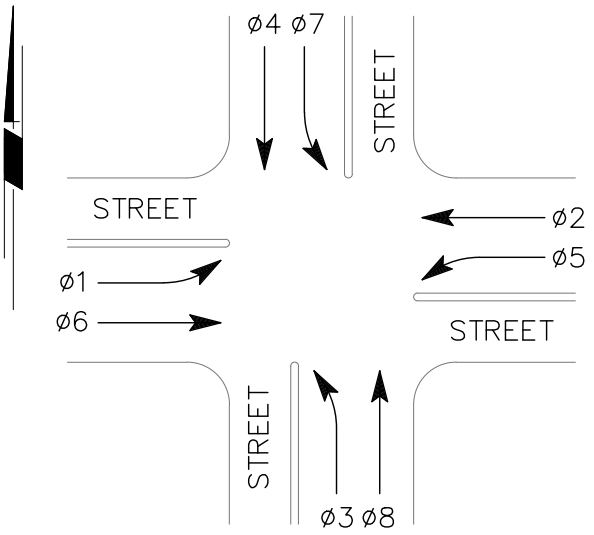
APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 120



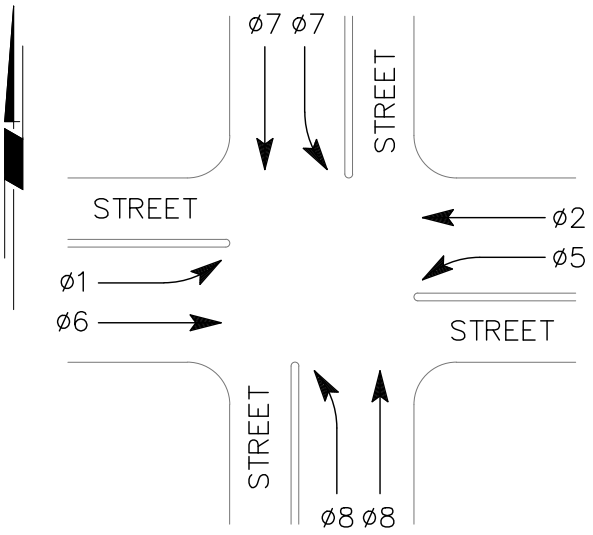
6 PHASE



6 PHASE



8 PHASE



SPLIT PHASE

REV.	DATE	DESCRIPTION
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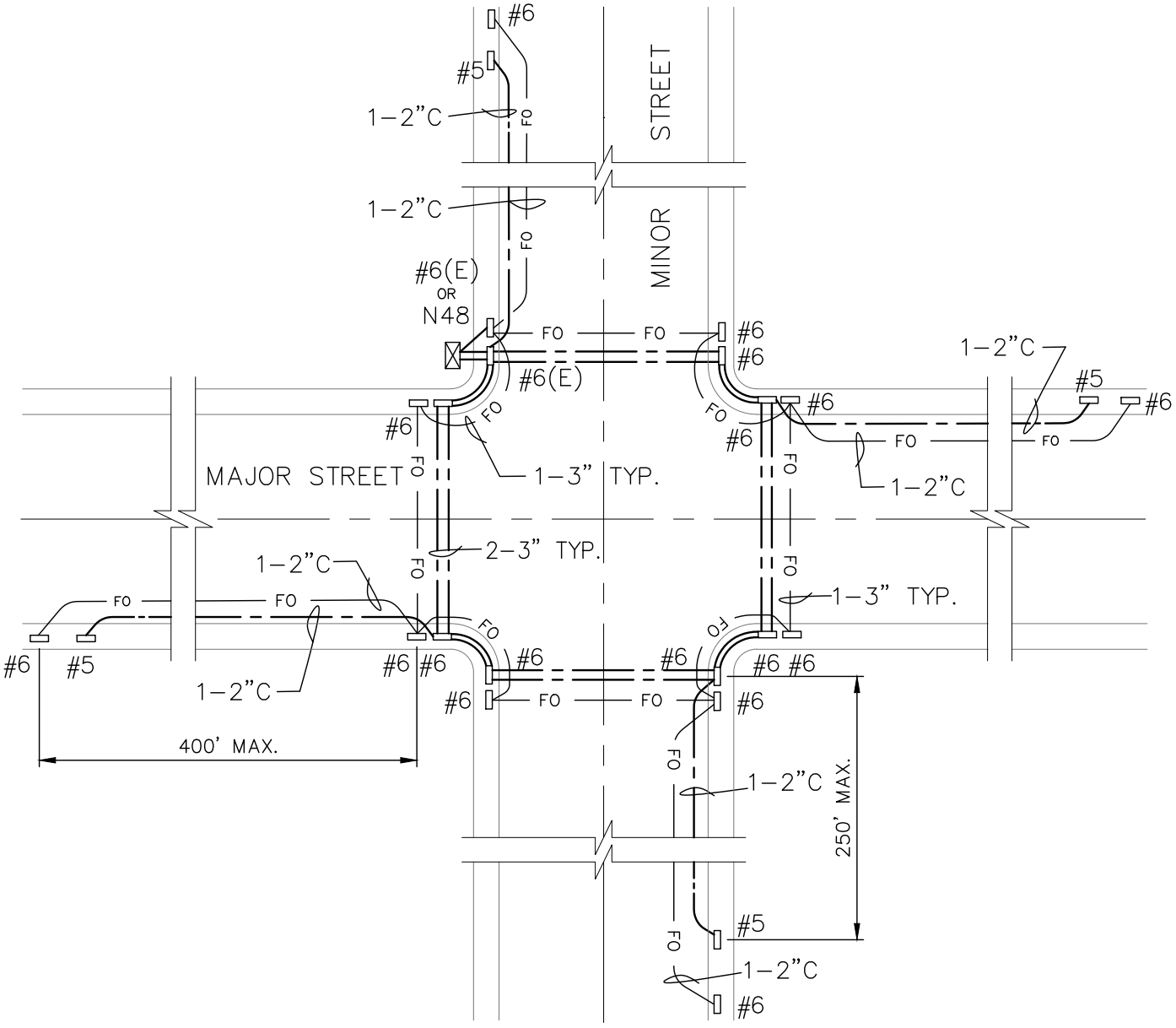
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	TYPICAL 6 AND 8 SIGNAL PHASING	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 130



GENERIC INTERSECTION

GENERAL NOTES:

1. SEE FIBER OPTIC CONDUIT LAYOUT STANDARD PLAN E–250 FOR DISTRIBUTION AND BACKBONE CONDUIT ROUTING.
2. THIS LAYOUT IS TO BE USED AS A GUIDE. ACTUAL CONDUIT ROUTING WILL BE DEPENDANT ON CONTROLLER LOCATION, AND EXISTING FIELD CONDITIONS.
3. MAXIMUM DISTANCE BETWEEN TRAFFIC SIGNAL PULL BOXES SHALL NOT EXCEED 250'
4. MAXIMUM DISTANCE BETWEEN FIBER OPTIC PULL BOXES SHALL NOT EXCEED 400'
5. CONDUITS CONTAINING FIBER OPTIC ONLY SHALL HAVE #10 GROUND
6. USE 1–2"C FOR FIBER OPTIC INTERCONNECT (UNLESS NOTED OTHERWISE ON PLANS)
7. USE 3"C FOR ALL STREET CROSSINGS (UNLESS NOTED OTHERWISE ON PLANS)

REV.	DATE	DESCRIPTION
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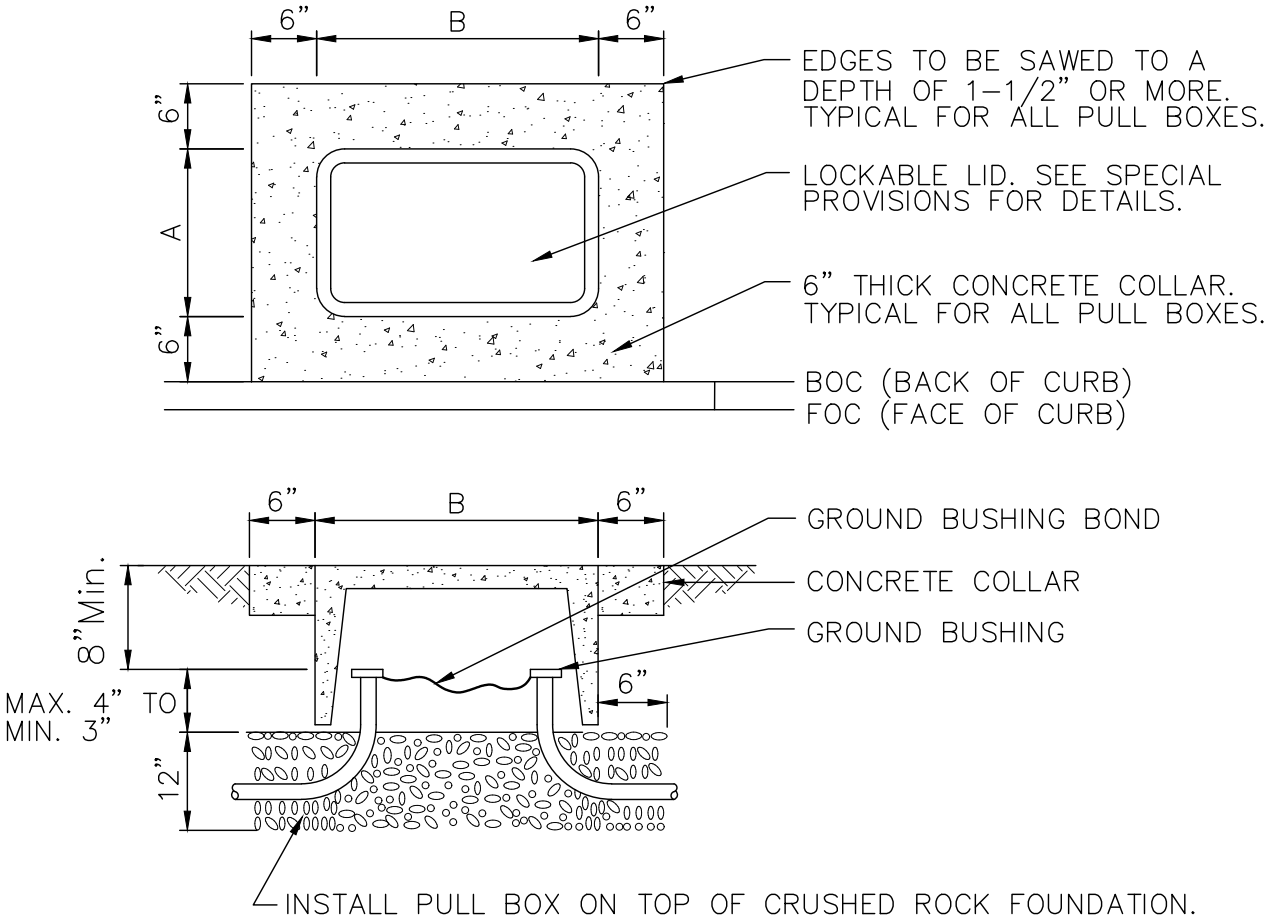
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	CONDUIT LAYOUT GUIDE FOR TRAFFIC SIGNALS	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 140



CONCRETE PULL BOX

PULL BOX DIMENSIONS		
PULL BOX	A	B
5	18"	27–1/2"
6	22"	35"

PULL BOX, ADDITIONAL DESIGNATIONS OR DESCRIPTIONS:

(C) – COMMUNICATIONS PULL BOX

(E) – PULL BOX WITH EXTENSION

(T) – TRAFFIC RATED PULL BOX

(TR) – TAMPER–RESISTANT PULL BOX

REV.	DATE	DESCRIPTION
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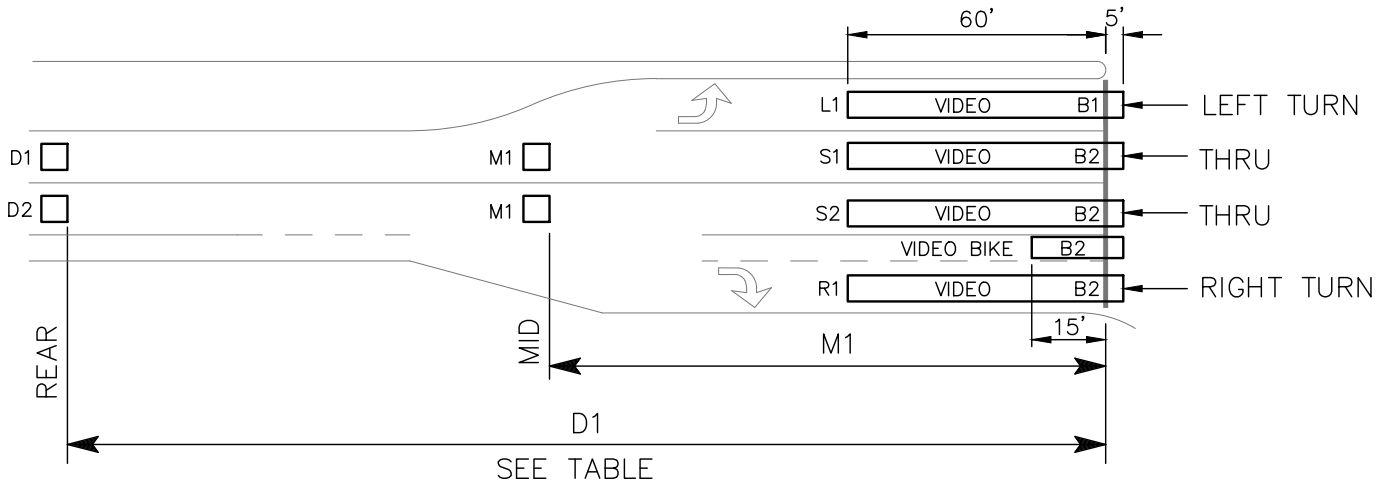
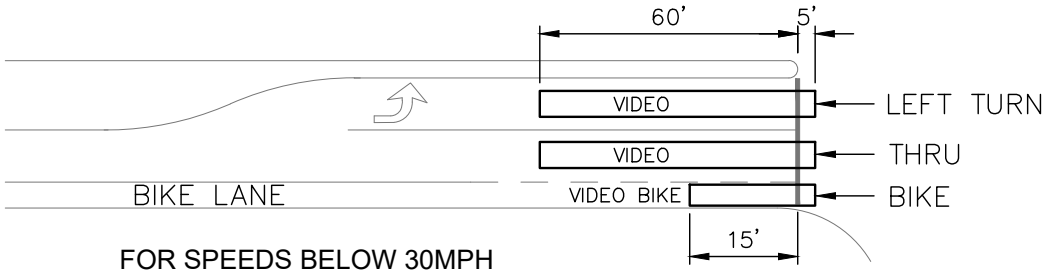
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	TRAFFIC SIGNAL PULL BOX	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 150





FOR SPEEDS BELOW 30MPH

LEFT TURN DETECTION = L1 – L4

REAR DETECTION = D1 – D4

MID DETECTION = M1

STOPBAR = S1 – S4

RIGHT TURN DETECTION = R1 – R2

BICYCLE DETECTION = B1 – B4

LOOP DISTANCE		
DESIGN OR 85TH PERCENTILE SPEED	REAR D1	MID M1
BELOW 30 MPH	N/A	
30 MPH	175'	
35 MPH	200'	
40 MPH	250'	
45 MPH	300'	200'
50 MPH	350'	225'
55 MPH	405'	250'

GENERAL NOTES:

1. SEE STANDARD PLAN E–170 FOR LOOP SIZES. LOOPS SHALL BE PLACED IN THE CENTER OF THE LANE.
2. EACH REAR AND MID LOOP SHALL HAVE ONE DLC PER LANE.

REV.	DATE	DESCRIPTION
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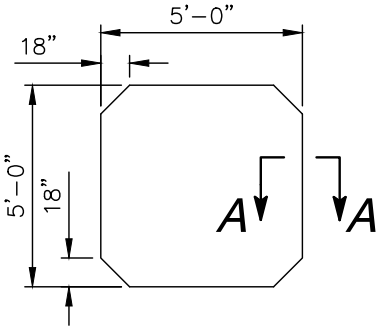
CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

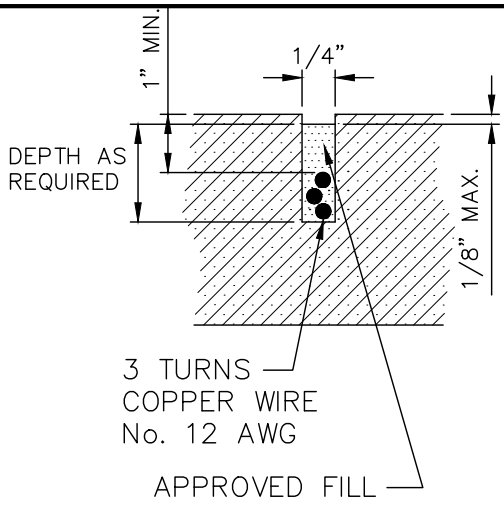
VIDEO DETECTION AND LOOP LAYOUTS

APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 160

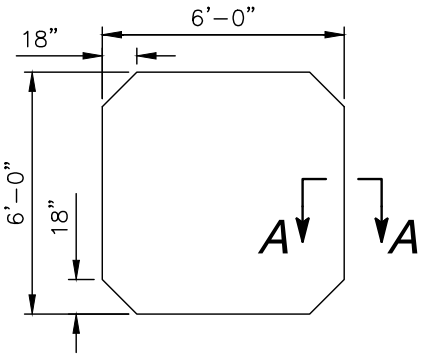


LOOPS SHALL BE 5' x 5' FOR LANE WIDTH LESS THAN OR EQUAL TO 11', UNLESS OTHERWISE SPECIFIED.

5' x 5' LOOP

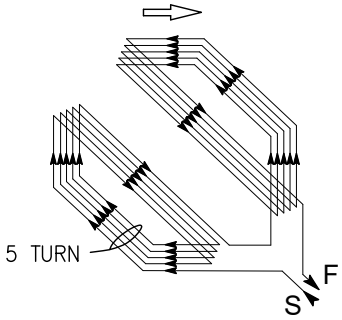


SECTION A-A

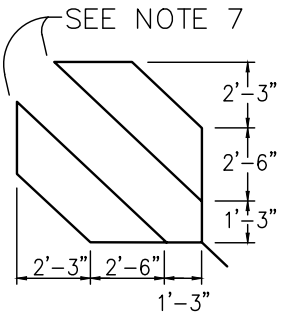


LOOPS SHALL BE 6' x 6' FOR LANE WIDTH GREATER THAN 11', UNLESS OTHERWISE SPECIFIED.

6' x 6' LOOP

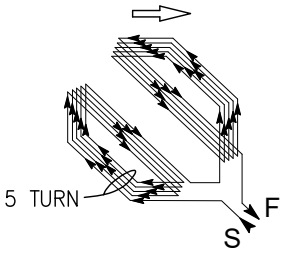


WINDING DETAIL

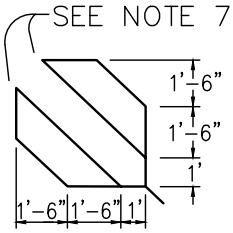


SAWCUT DETAIL

TYPE D LOOP DETECTOR CONFIGURATION



WINDING DETAIL



SAWCUT DETAIL

BIKE LOOP DETECTOR CONFIGURATION

LOOP WINDING PATTERNS:

1. LOOP DETECTOR INSTALLATION SHALL CONFORM TO CALTRANS STANDARD PLAN ES–5A.
2. THE CONDUCTOR FOR EACH INDUCTIVE DETECTOR LOOP SHALL BE CONTINUOUS, UNSPLICED, TYPE RHW–USE NEOPRENE JACKETED OR TYPE USE CROSS–LINKED POLYETHYLENE INSULATED No. 12. STRANDED COPPER WIRE WITH A MINIMUM INSULATION THICKNESS OF 45 MILS.
3. THE LOOP DETECTOR LEAD IN CABLE FROM THE PULL BOX ADJACENT TO THE DETECTOR LOOPS TO THE CONTROLLER SHALL BE CONTINUOUS WITH NO SPLICES. DETECTOR CABLE SHALL BE SHIELDED, TWO TWISTED PAIR No. 18 CANOGA TYPE 30005 OR APPROVED EQUAL.
4. ALL DETECTOR LOOP SPLICES SHALL BE MADE IN THE ASSOCIATED PULL BOX AND ALL LEADS SHALL BE TAGGED.
5. INSULATION RESISTANCE TO GROUND SHALL BE GREATER THAN 200 MEGAOHMS.
6. HAND HOLES SHALL BE INSTALLED AT LOCATIONS AS DESIGNATED BY THE ENGINEER.
7. ROUND CORNERS OF ACUTE ANGLE SAW CUTS TO PREVENT DAMAGE TO CONDUCTORS.
8. USE TYPE D LOOPS FOR LIMIT LINE DETECTOR INSTALLATION IN LEFT TURN AND BICYCLE LANES.

REV.	DATE	DESCRIPTION
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CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

LOOP SAW CUTTING

APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 170

TYPE 'B' DETECTOR HANDHOLE INSTALLATION REQUIREMENTS:

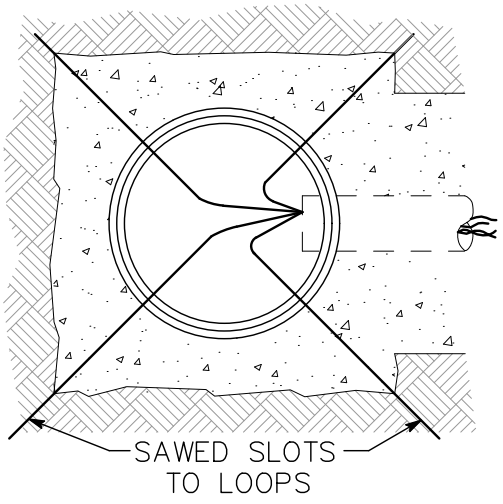
1. OUTLINE OF TRENCH SHALL BE SAW CUT TO A MINIMUM DEPTH OF 3'' EXCEPT WHERE AC OVERLAY IS TO BE PLACED.

2. THE PRECAST VALVE BOX WITH CAST IRON LID SHALL BE FABRICATED OF CALCIUM CARBONATE AND POLYESTER RESINS WITH FIBERGLASS REINFORCING AND DESIGNED FOR HEAVY TRAFFIC LOADS.

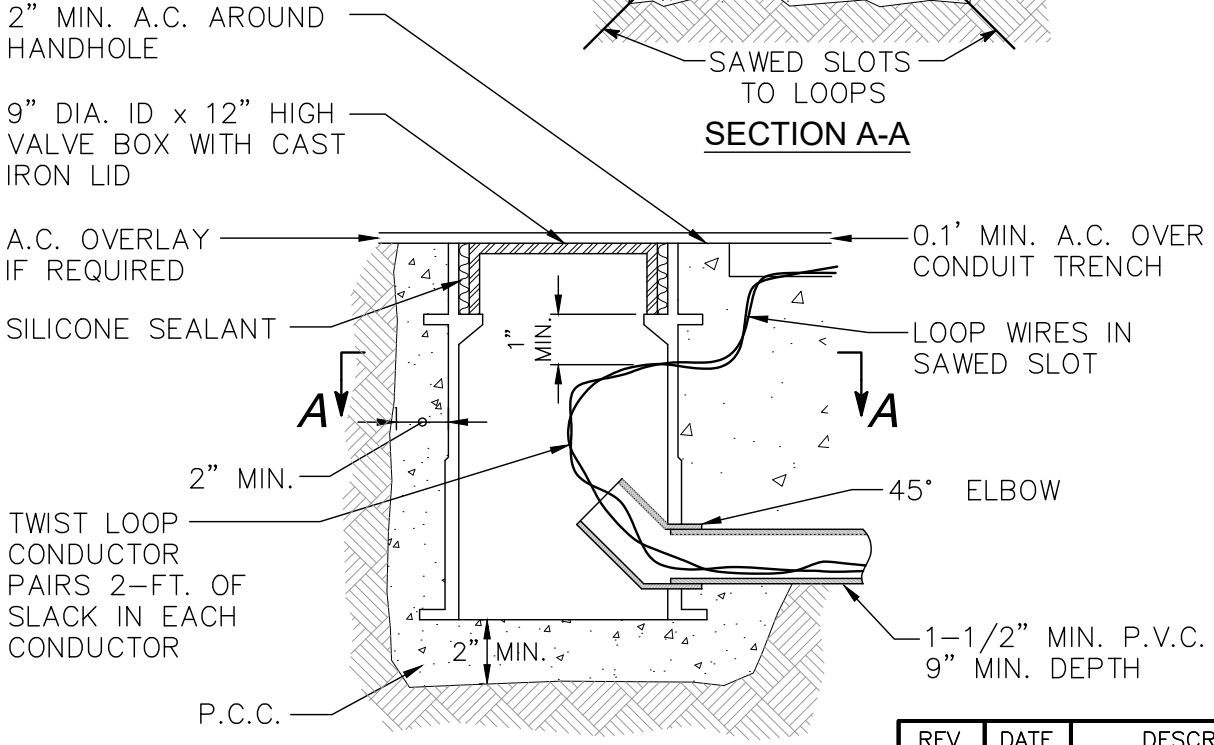
3. CAST IRON LID SHALL BE MARKED ''DETECTOR'' AND SHALL BE SECURED IN PLACE BY APPLYING WATERPROOF SILICONE SEALANT. VALVE BOX SHALL BE CENTERED ON LANE LINE, UNLESS OTHERWISE SHOWN ON THE PLANS.

4. THE EXCAVATION AROUND THE HANDHOLE SHALL BE BACKFILLED WITH P.C.C. EXCEPT THE TOP 2'' IN AC SURFACED ROADWAYS SHALL BE BACKFILLED WITH AC.

5. THE HANDHOLE SHALL BE PROTECTED WITH COLD PATCH OR OTHER SUITABLE PROTECTION UNTIL PERMANENT AC BACKFILL IS PLACED.



SECTION A-A



TYPE 'B' DETECTOR HANDHOLE

REV.	DATE	DESCRIPTION
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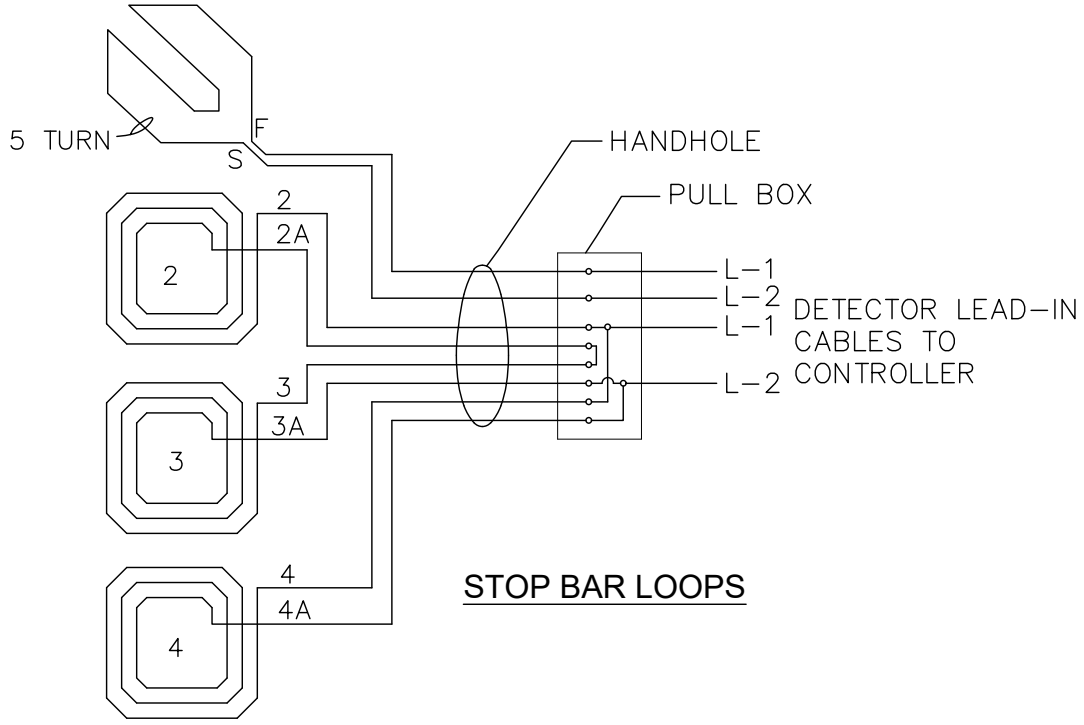
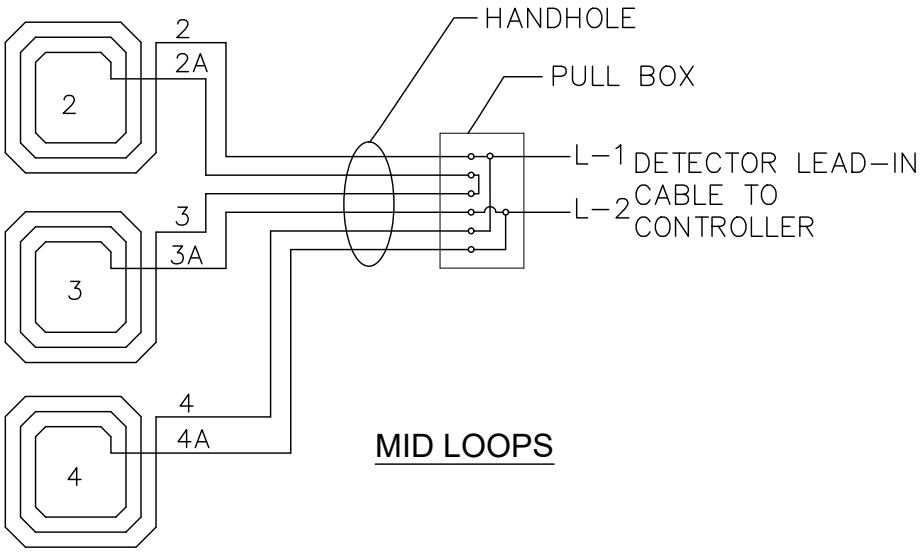
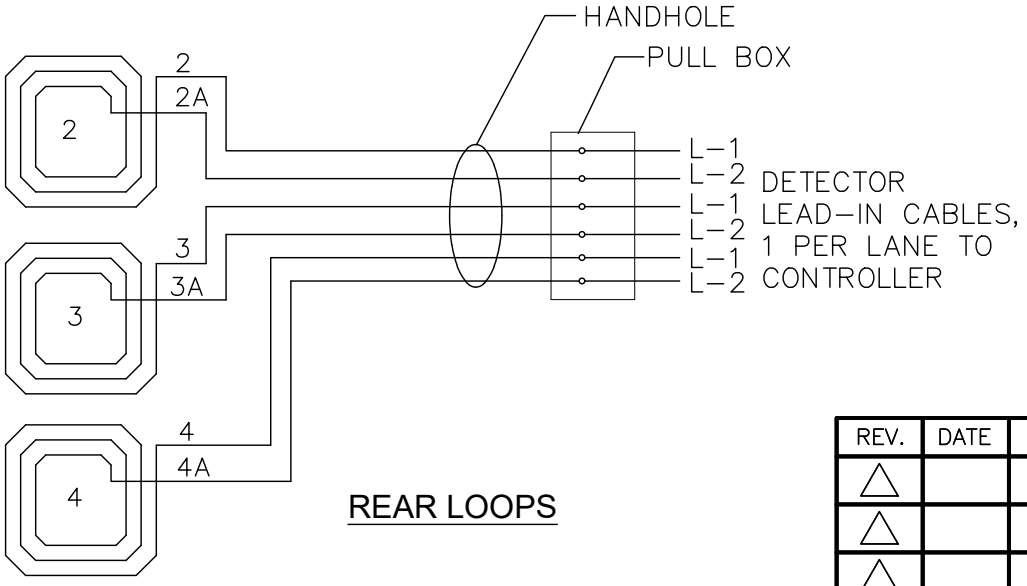
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	LOOP SAW CUTTING	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 180



STOP BAR LOOPS



MID LOOPS



REAR LOOPS

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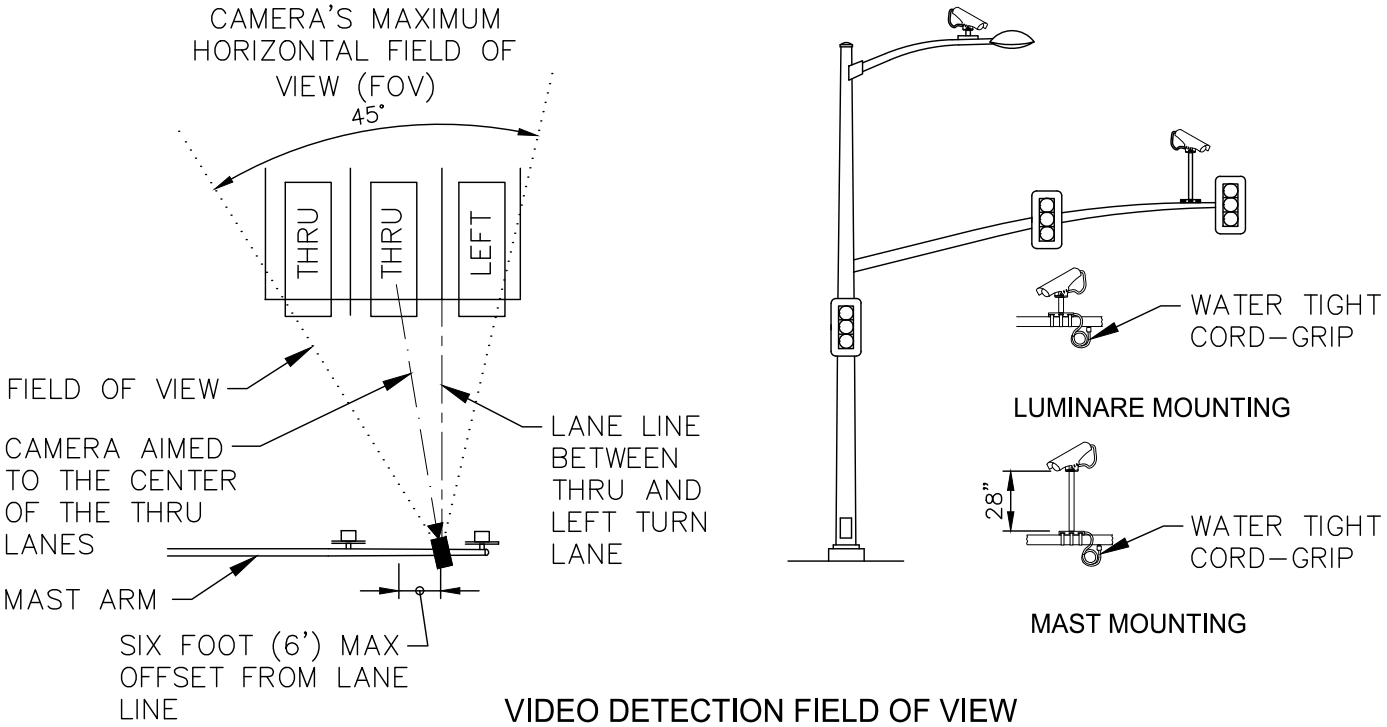
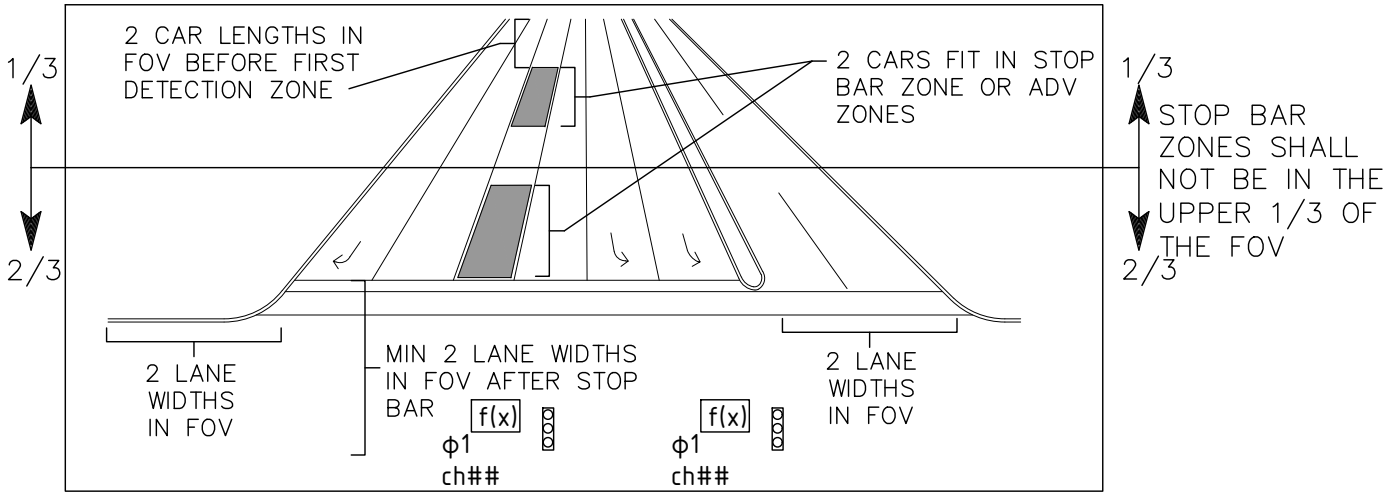
CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

LOOP WINDING PATTERNS

APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 190

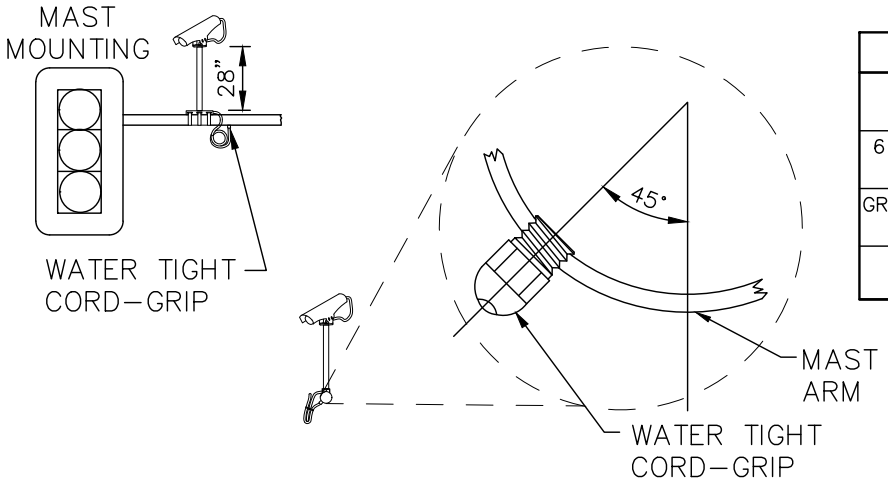


VIDEO DETECTION FIELD OF VIEW AND MOUNTING DETAIL



TYPICAL VIDEO DETECTION AIMING AND FIELD OF VIEW

TYPICAL 6 LANE CAMERA VIEW



SEE STANDARD PLAN E–210 FOR GENERAL AIMING AND PROGRAMMING NOTES.

VIDEO DETECTION		
NUMBER OF APPROACH LANES	QTY OF CAMERAS	CAMERA MOUNTING
6 LANES + BIKE LANE OR LESS	1	MAST ARM
GREATER THAN 6 LANES + BIKE LANE	2	LUMINAIRE ARM
SPLIT PHASE	1	LUMINAIRE ARM

REV.	DATE	DESCRIPTION
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CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

VIDEO DETECTION DETAILS

APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 200

GENERAL AIMING AND PROGRAMMING NOTES (ALL CAMERA INSTALLATIONS):

1. AIMING AND FIELD OF VIEW (FOV) DETAIL DEMOSTRATES FOV AND AIMING ONLY. DOES NOT DENOTE THE AMOUNT OF DETECTED LANES.

2. CAMERAS FIELD OF VIEW SHALL BE CHECKED TO VERIFY THAT THE CAMERA CAN DETECT ALL LANES. THE CAMERA SHALL HAVE A MAXIMUM HORIZONTAL FOV OF 45°. IF ALL LANES DO NOT FIT IN THE FOV THEN ADDITIONAL CAMERAS WILL BE REQUIRED.

3. VIDEO SHALL BE USED FOR STOP BAR DETECTION ONLY.

4. NO HORIZON SHALL BE ALLOWED IN VIDEO.

5. CAMERA SHALL BE AIMED SO THE STOP BAR ZONES ARE NOT IN THE UPPER 1/3 OF THE VIDEO FIELD OF VIEW.

6. TWO CAR LENGTHS SHALL BE VISIBLE IN THE FIELD OF VIEW BETWEEN THE FIRST DETECTION ZONE AND THE TOP OF THE VIDEO IMAGE.

7. THE CAMERA SHALL BE ROTATED SO THE THE STOP BAR IS HORIZONTAL IN THE VIDEO IMAGE.

8. DETECTION ZONE SHALL BE APPROXIMATELY 60' LONG.

9. MAXIMUM DETECTABLE WIDTH IS 6 LANES + BIKE LANE.

10. DETECTOR LABELS SHALL INCLUDE ASSIGNED PHASE # AND ASSIGNED CHANNEL #.

11. THE PHASE STATUS SHALL BE DISPLAYED

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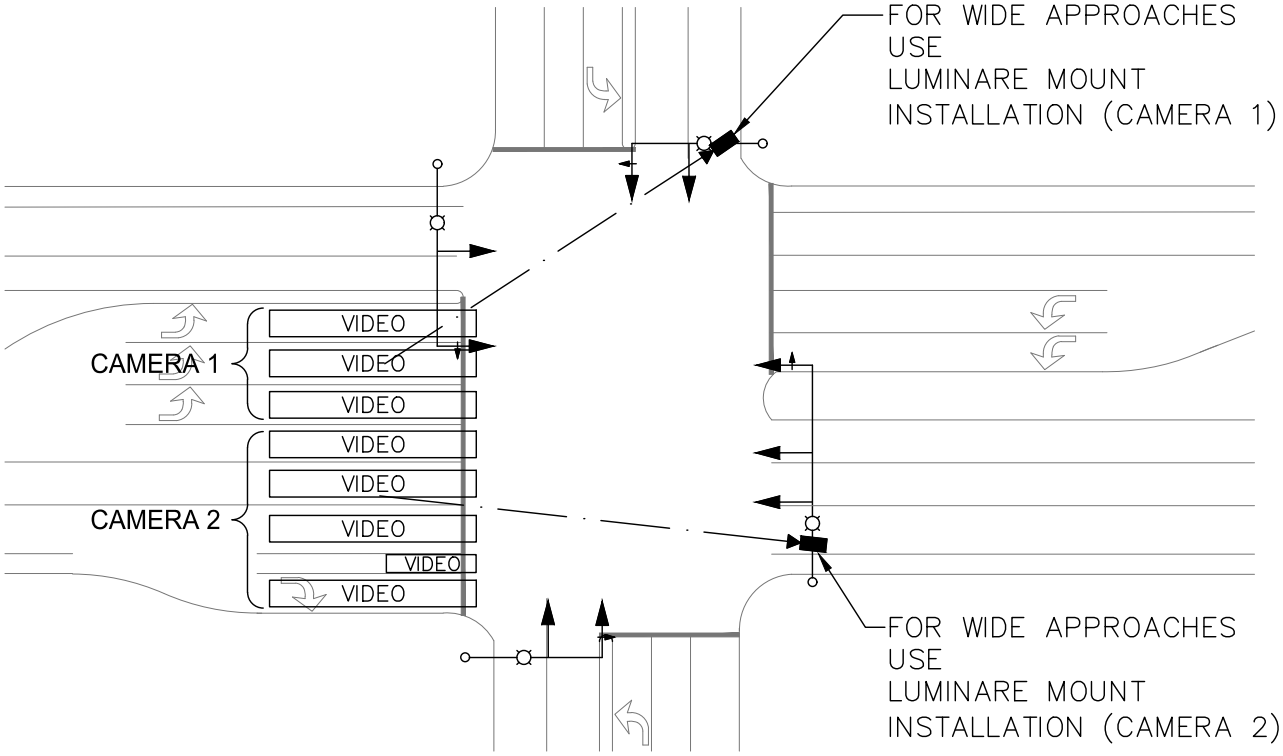
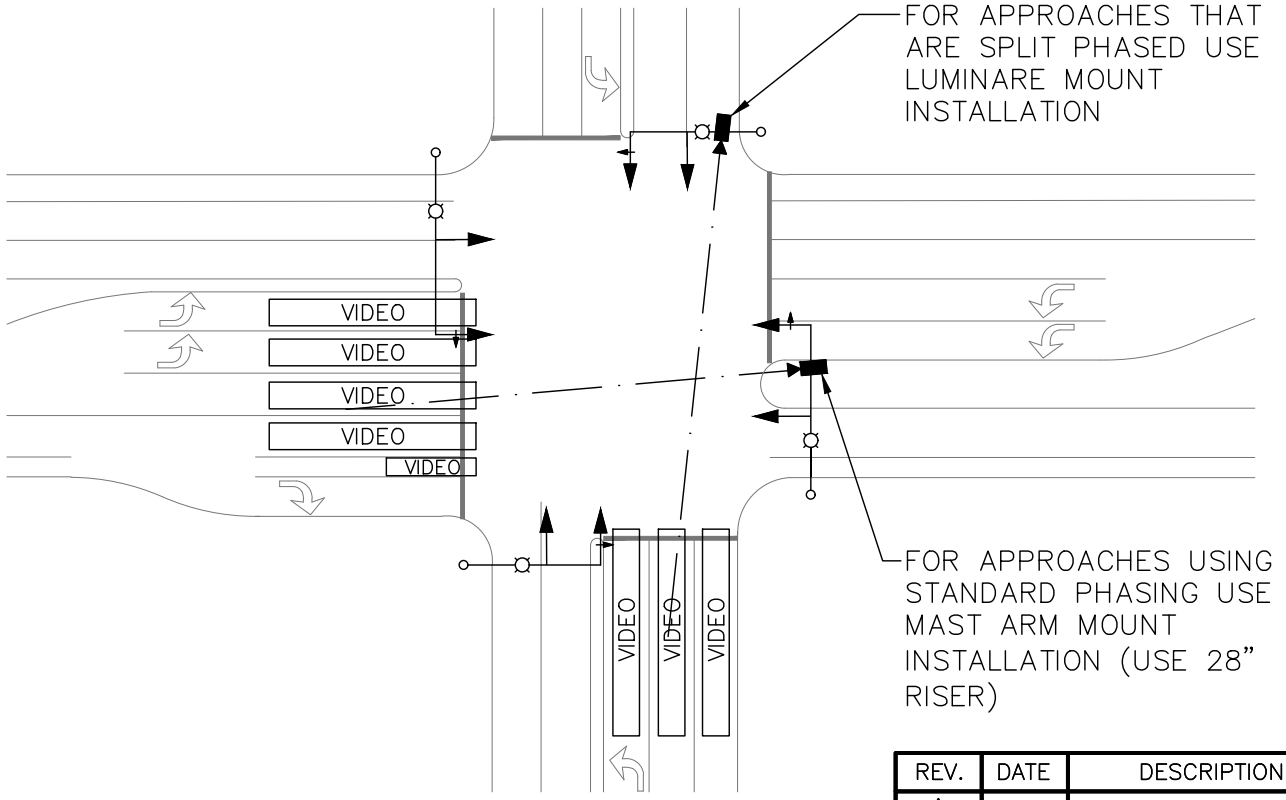
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	VIDEO DETECTION GENERAL NOTES	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 210



DUAL CAMERA DETECTION MOUNTING

FOR APPROACHES GREATER THAN 6 LANES + BIKE LANE



SINGLE CAMERA DETECTION MOUNTING

FOR APPROACHES 6 LANES + BIKE LANE OR LESS

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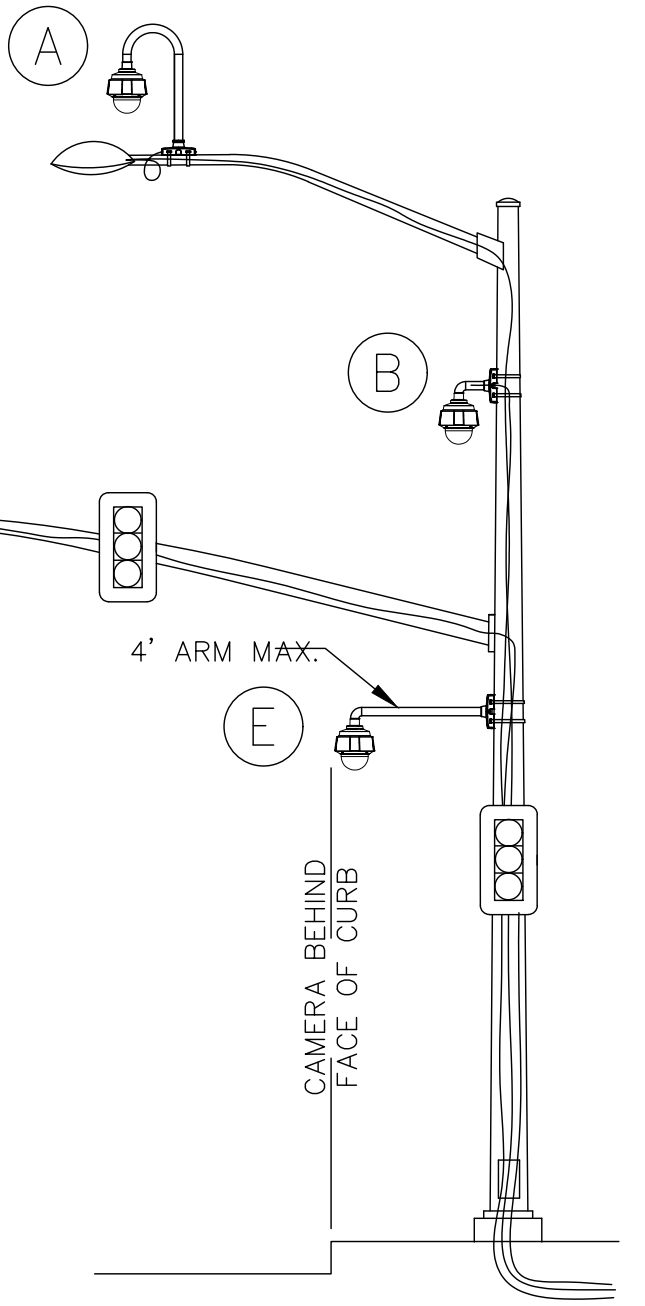
CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

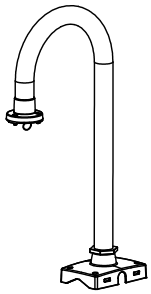
VIDEO DETECTION CAMERA MOUNTING DETAILS

APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 220



PTZ CAMERA MOUNTING LOCATIONS

N.T.S.



PARAPET MOUNT

POLE MOUNT

(A) LUMINAIRE ARM MOUNT

(B) POLE MOUNT HIGH

(C) MAST ARM MOUNT HIGH

(D) MAST ARM MOUNT LOW

(E) POLE MOUNT LOW

GENERAL NOTE:

1. USE CAMERA MOUNTING LOCATION (A) UNLESS OTHERWISE NOTED ON PLANS.

REV.	DATE	DESCRIPTION
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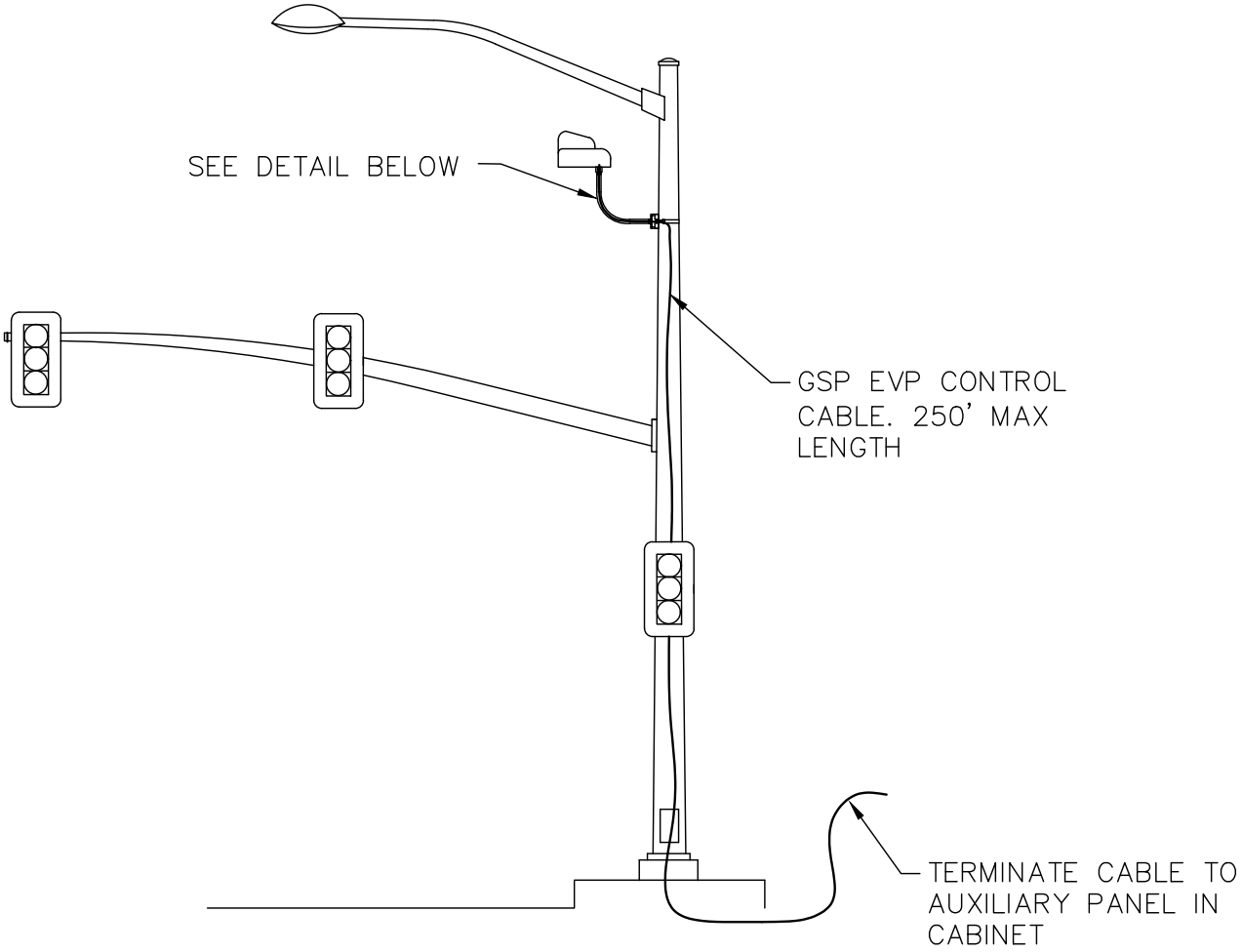
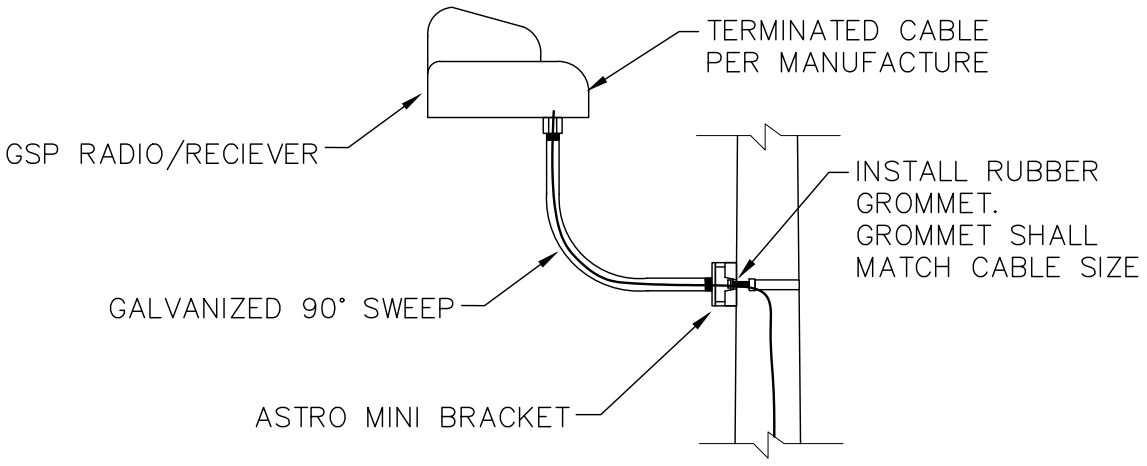
CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

CCTV INSTALLATION DETAILS (1)

APPROVED BY: Nader Kamal

DATE: APRIL 2020 DWG. NO. E - 230





TS–1 CABINET CHANNELS	TS–2 CABINET CHANNELS	EVP	PHASE	DIRECTION
2	3	A	1, 6	EASTBOUND
3	4	B	2, 5	WESTBOUND
4	5	C	3, 8	NORTHBOUND
5	6	D	4, 7	SOUTHBOUND

REV.	DATE	DESCRIPTION
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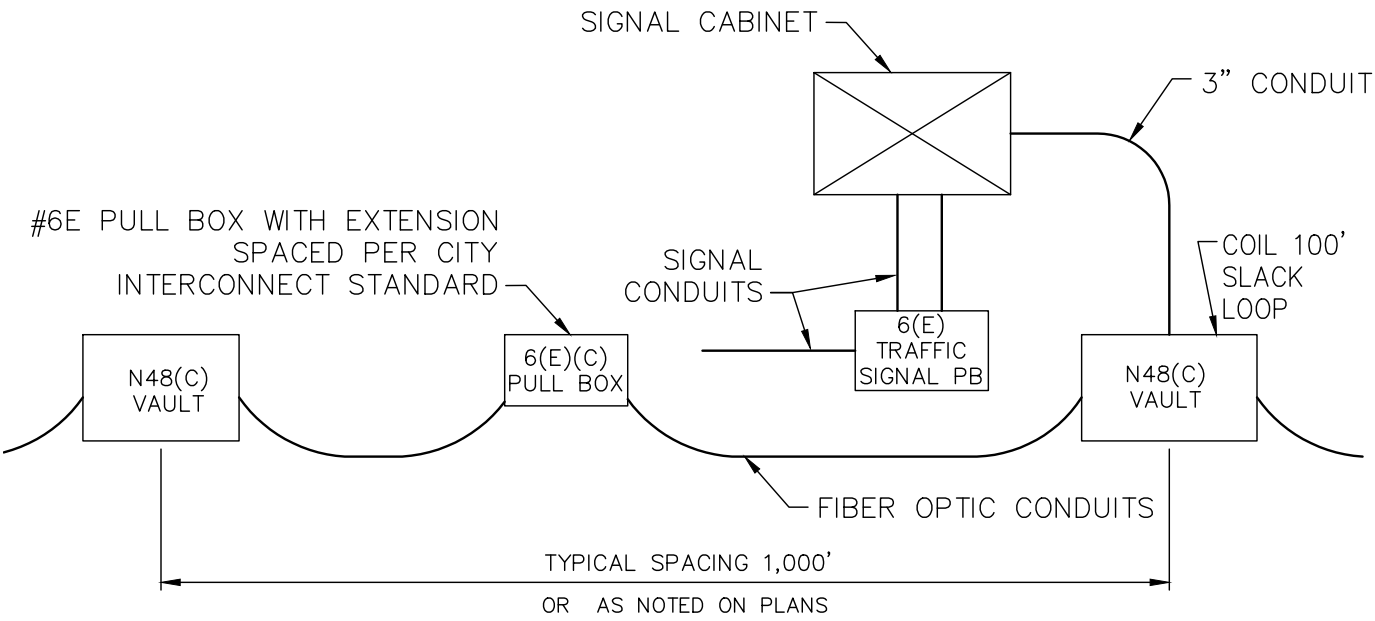
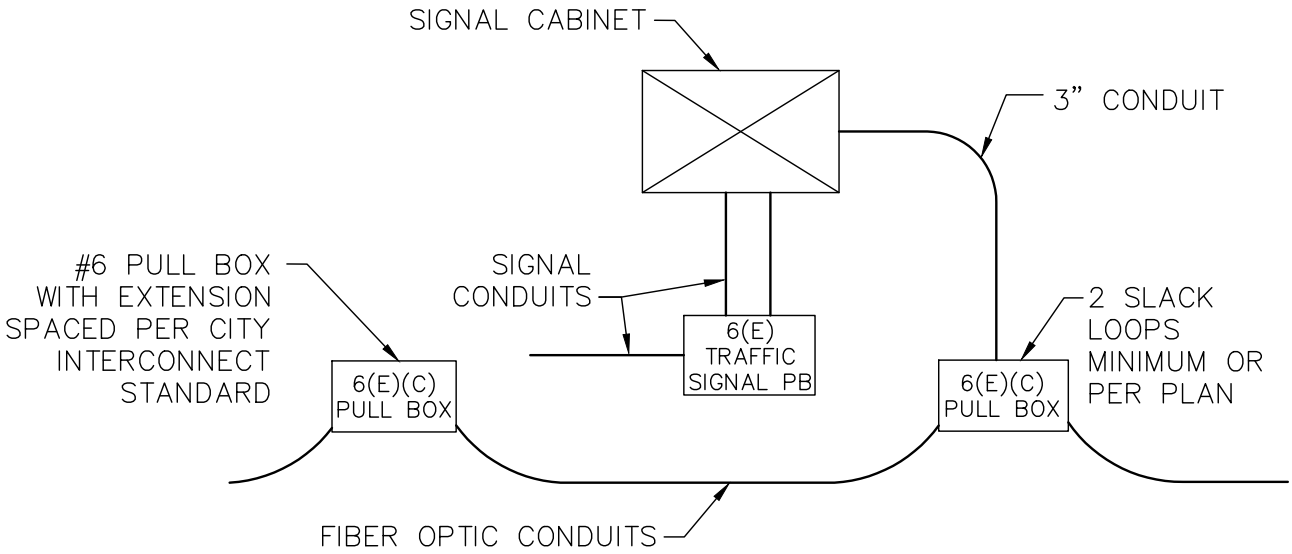
CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS

EMERGENCY VEHICLE PREEMTION MOUNTING

APPROVED BY: Nader Kamal
DATE: APRIL 2020 DWG. NO. E - 240



TYPICAL CONDUIT DETAIL FOR BACKBONE FIBER OVER 48 STRANDS



TYPICAL CONDUIT DETAIL FOR DISTRIBUTION FIBER CABLE UP TO 48 STRANDS

TRACER TAPE:

1. TRACE WIRE SHALL BE INSTALLED IN RACEWAY WITH FIBER OPTIC CABLE OR IN ONE CONDUIT OF MULTIPLE CONDUIT BANK.

2. TRACE WIRE IN TAPE SHALL BE SPLICED AT EVERY BREAK.

REV.	DATE	DESCRIPTION
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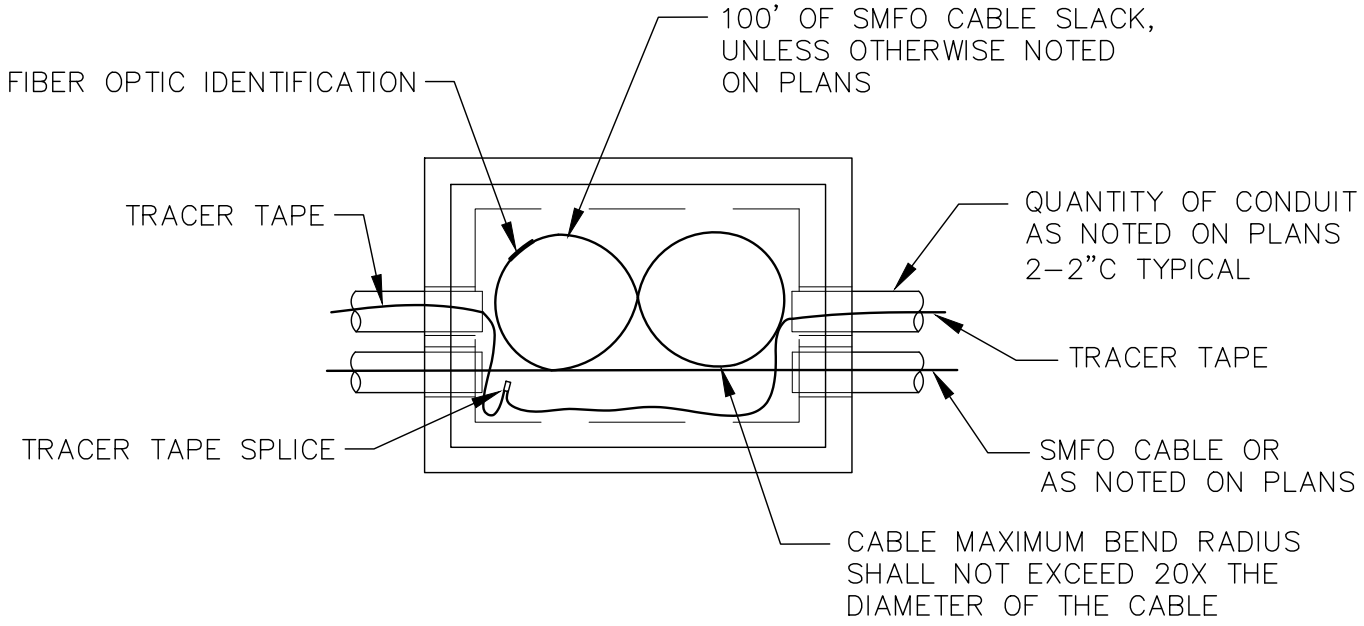
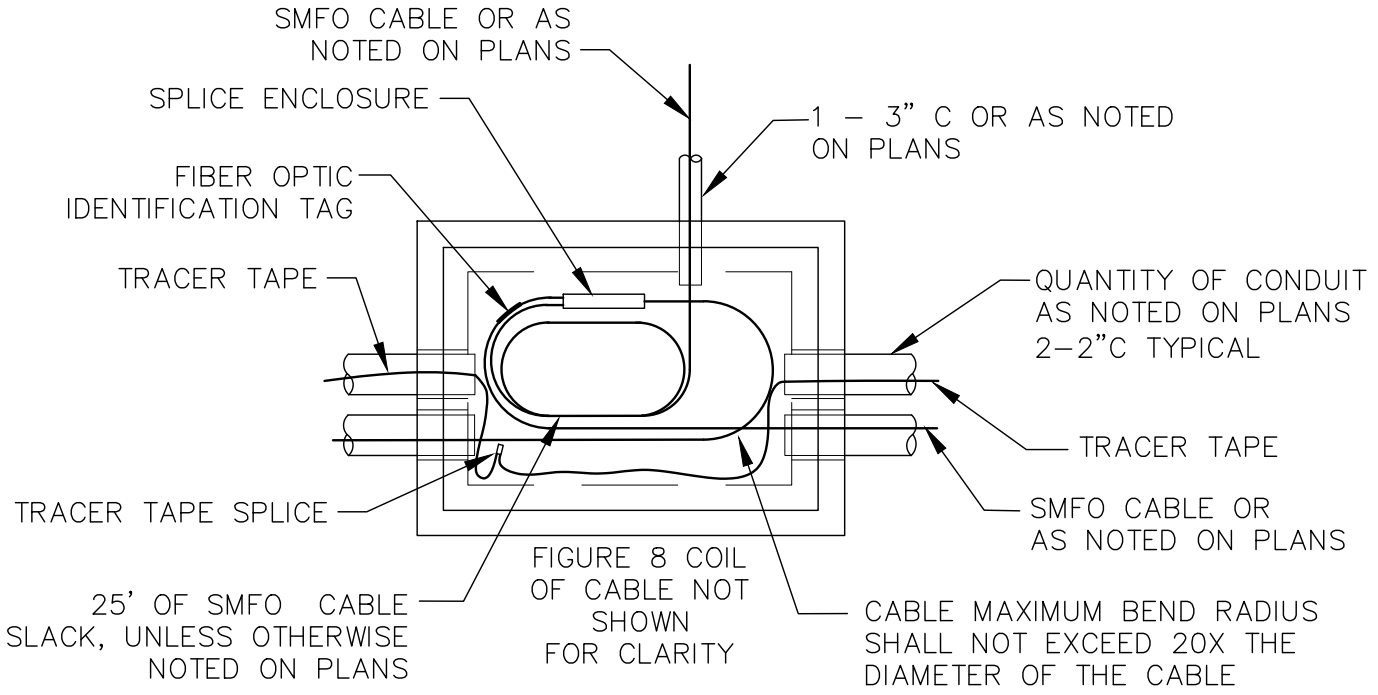
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	FIBER OPTIC CONDUIT LAYOUT	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 250



N48 VAULT WITH NO SPLICE

NO SCALE



N48 VAULT WITH SPLICE

NO SCALE

REV.	DATE	DESCRIPTION
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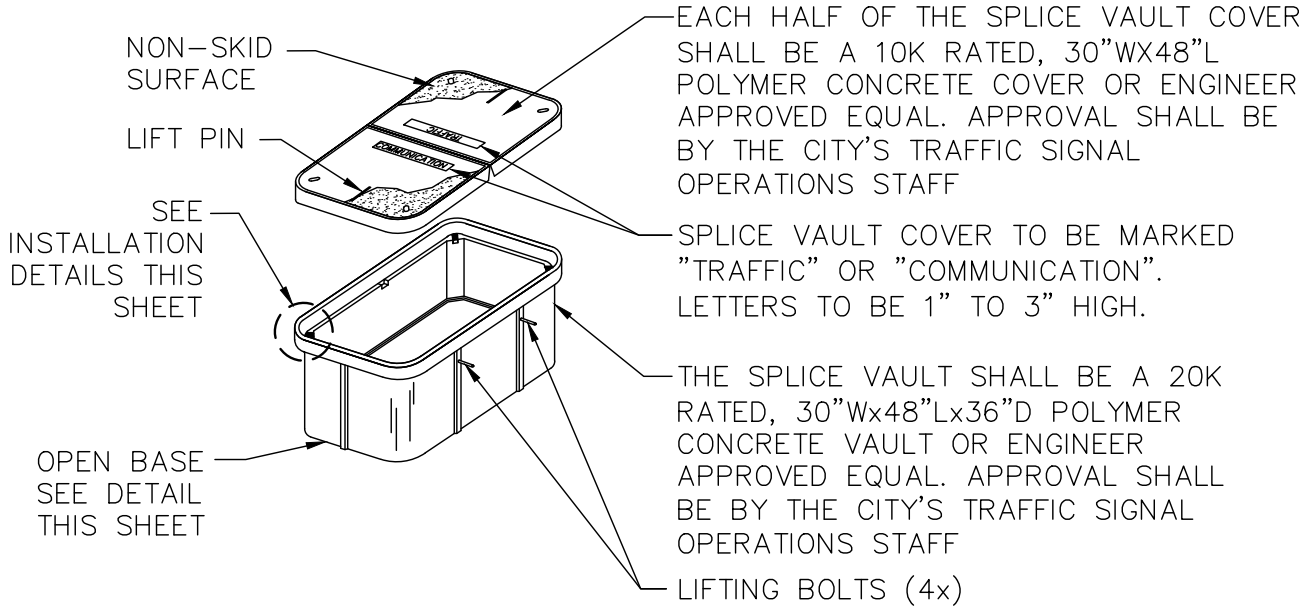
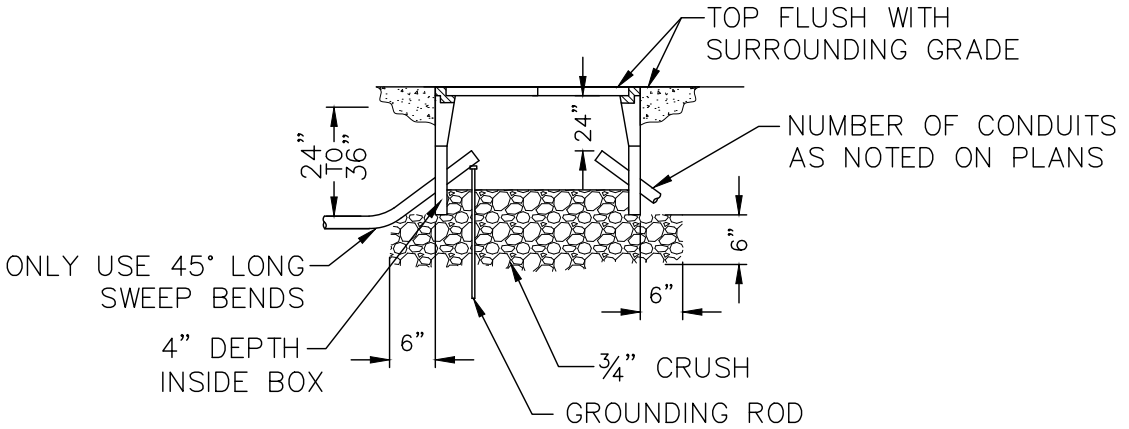
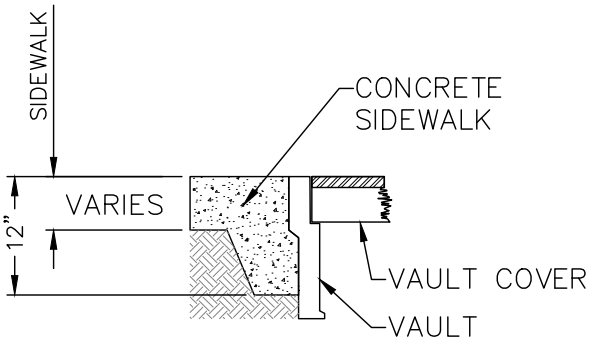
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	FIBER OPTIC CABLE INSTALLATION DETAILS (N48 VAULT)	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 260



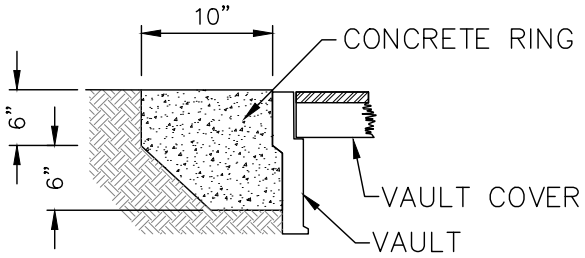
N48 SPLICE VAULT - 3-DIMENSIONAL VIEW

NO SCALE





IN CONCRETE SIDEWALK



IN COMPACTED EARTH

N48 SPLICE VAULT INSTALLATION

NO SCALE

SEE E-290 FOR ADDITIONAL NOTES.

REV.	DATE	DESCRIPTION
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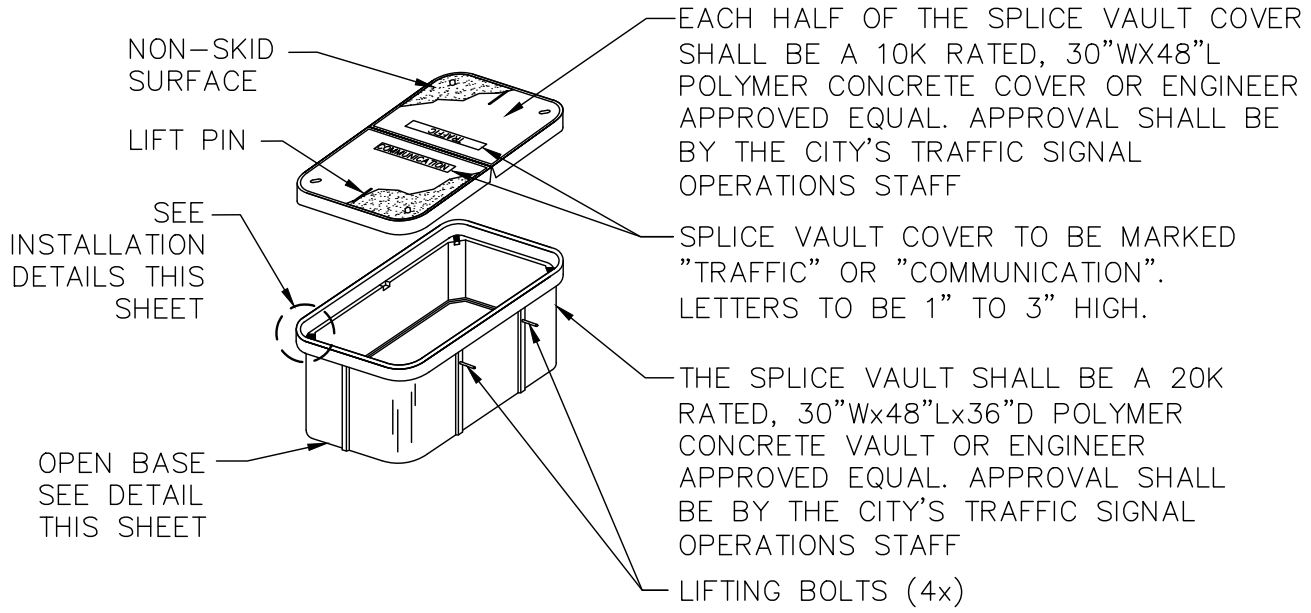
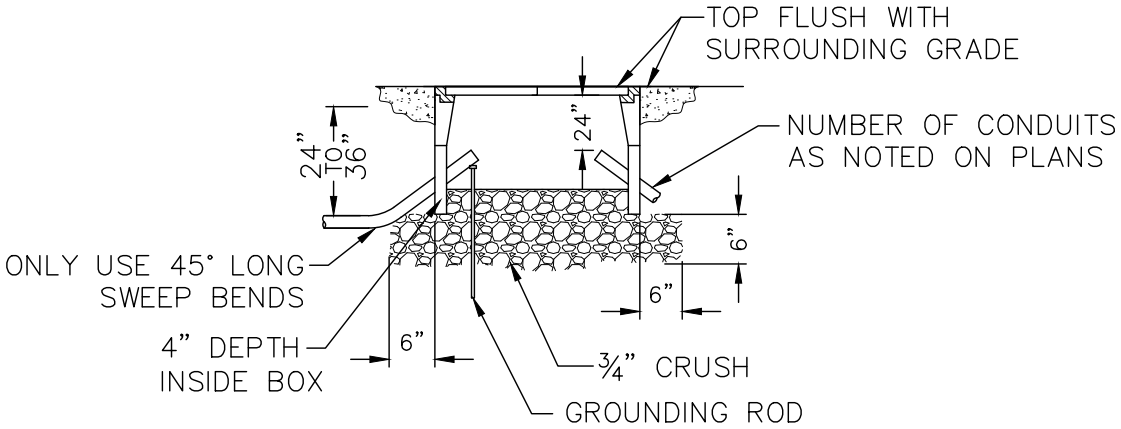
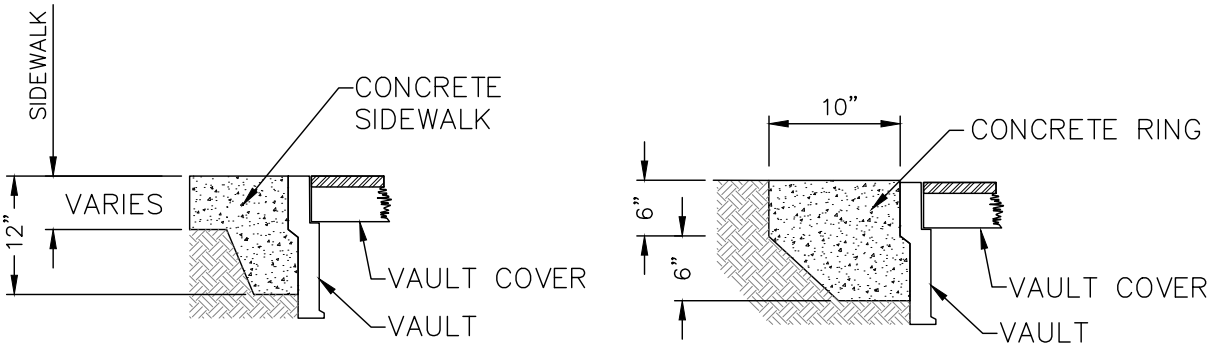
CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	FIBER OPTIC CABLE INSTALLATION DETAILS (#6E PULL BOX)	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 270



N48 SPLICE VAULT - 3-DIMENSIONAL VIEW

NO SCALE





IN CONCRETE SIDEWALK

IN COMPACTED EARTH

N48 SPLICE VAULT INSTALLATION

NO SCALE

SEE E-290 FOR ADDITIONAL NOTES.

REV.	DATE	DESCRIPTION
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CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	N48 SPLICE VAULT DETAILS	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 280

N48 SPLICE VAULT GENERAL NOTES:

1. UPON ACCEPTANCE OF THE WORK, ALL CONDUITS SHALL BE SEALED WITH COMPATIBLE SEALANT MATERIAL.

2. ALL GROUND CONNECTIONS SHALL BE COATED WITH OXIDATION PROHIBITING COMPOUND.

3. ALL CONDUITS SHALL BE CAULKED OR GROUTED AFTER CONDUIT ARE INSTALLED.

4. VAULT SHALL BE INSTALLED ON A MINIMUM OF SIX (6) INCH OF ¾" CRUSHED ROCK. SEE DETAIL THIS SHEET. CONDUITS SHALL EXTEND ABOVE THE ROCK AND HAVE MINIMUM OF TWENTY FOUR (24") INCHES OF CLEARANCE BELOW THE COVER.

5. VAULTS SHALL NOT BE WITHIN THE BOUNDARIES OF NEW OR EXISTING WHEELCHAIR RAMPS.

6. WHEN SPLICE VAULT IS INSTALLED IN SIDEWALK AREA AS NOTE ON PLANS, THE DEPTH OF THE SPLICE VAULT SHALL BE ADJUSTED SO THAT THE TOP OF THE BOX IS FLUSH WITH THE TOP OF THE SIDEWALK

7. ALL COVERS AND VAULTS SHALL BE INTERCHANGEABLE WITH CALIFORNIA STANDARD MALE AND FEMALE GAGES. WHEN INTERCHANGED WITH A STANDARD MALE OR FEMALE GAGE, THE TOP SURFACES SHALL BE FLUSH WITHIN ⅛" OF AN INCH. TOP OUTSIDE EDGE OF ALL CONCRETE COVERS AND SPLICE VAULTS SHALL HAVE A ¼" MINIMUM RADIUS.

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CITY OF SACRAMENTO DEPARTMENT OF PUBLIC WORKS	N48 SPLICE VAULT GENERAL NOTES	APPROVED BY: Nader Kamal DATE: APRIL 2020 DWG. NO. E - 290