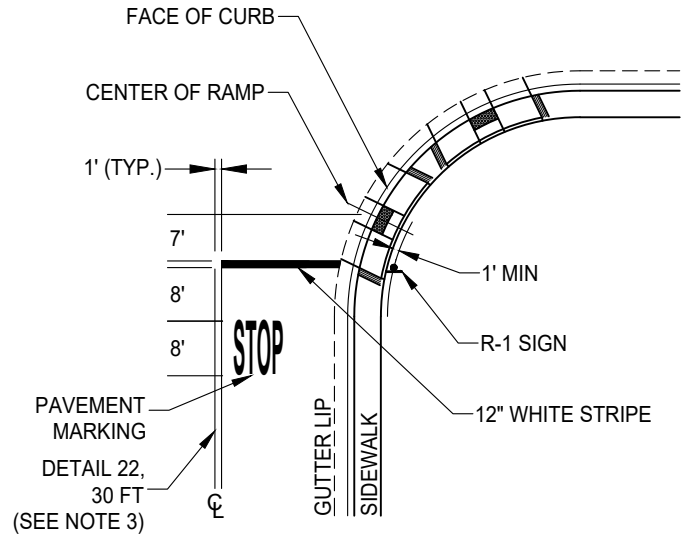
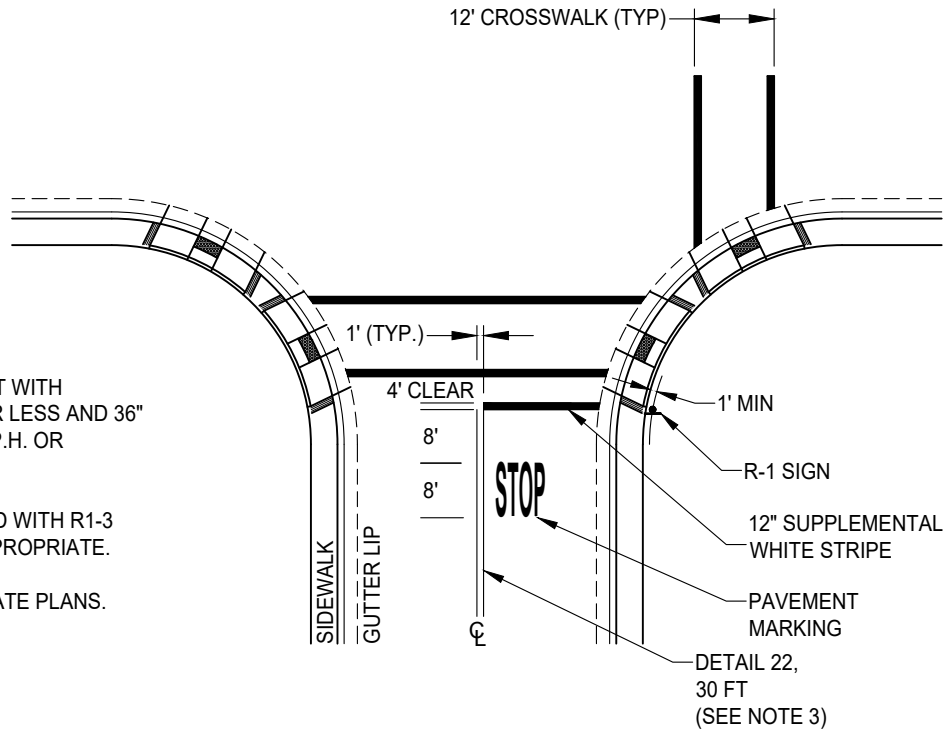


SINGLE SIDEWALK RAMP
WITHOUT CROSSWALK



DUAL SIDEWALK RAMPS
WITHOUT CROSSWALK



TYPICAL SIDEWALK RAMPS WITH CROSSWALK


NOTES:

1. STOP SIGN SHALL BE 30" FOR STREET WITH POSTED SPEED LIMIT OF 35 M.P.H. OR LESS AND 36" IF THE POSTED SPEED LIMIT IS 40 M.P.H. OR GREATER.
2. STOP SIGN SHALL BE SUPPLEMENTED WITH R1-3 (3-WAY OR 4-WAY) SIGNS WHERE APPROPRIATE.
3. STRIPING DETAILS SHALL BE PER STATE PLANS.

DATE		NOT TO SCALE	
REVISION	BY	APPROVED	DATE

CITY OF ELK GROVE - PUBLIC WORKS

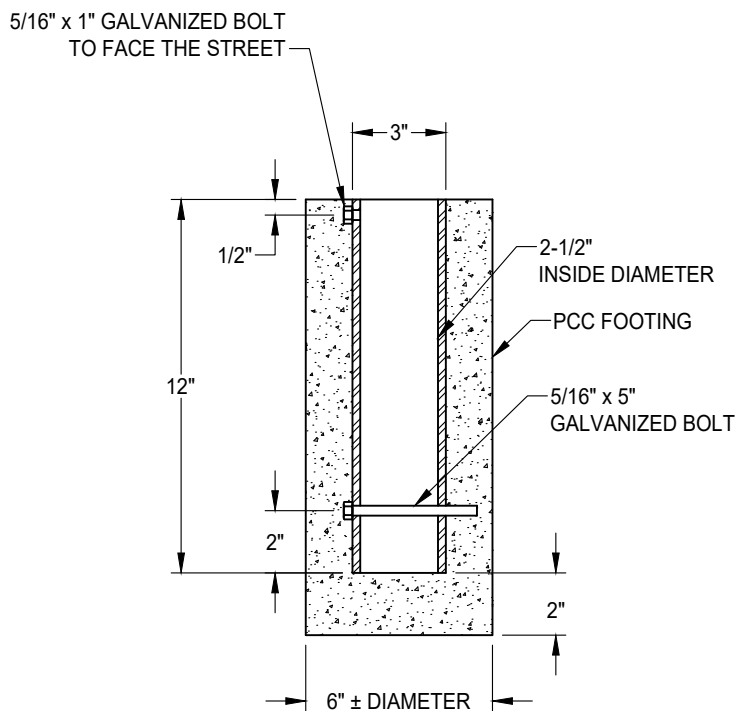
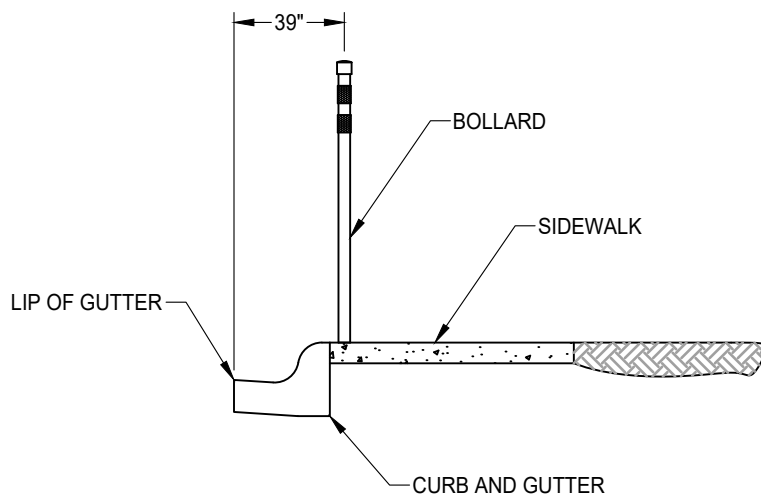
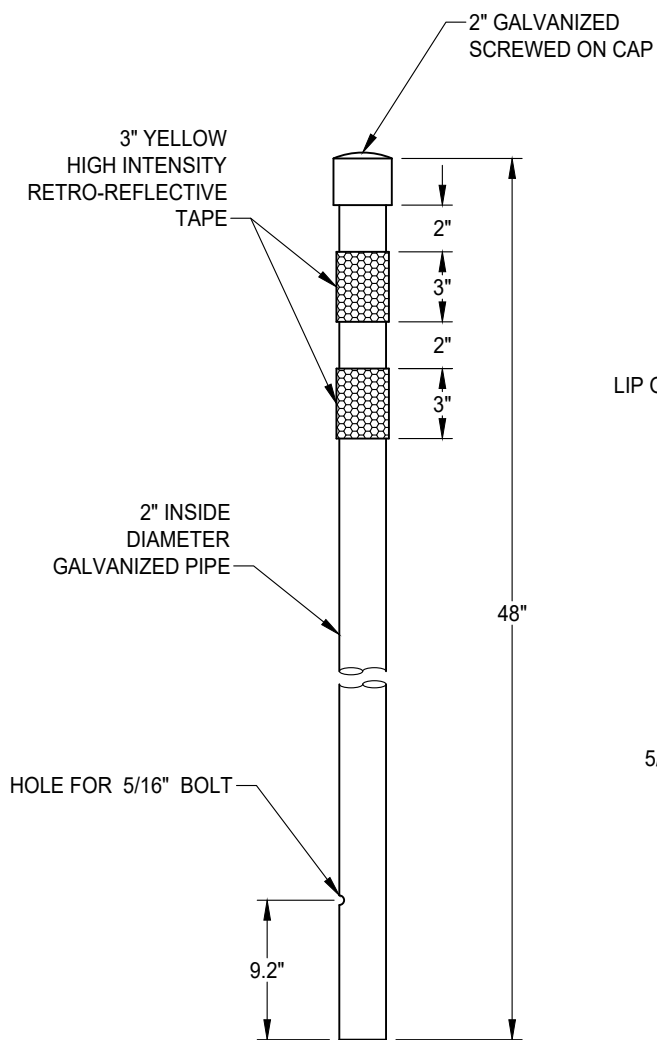
**STOP SIGN AND STOP LEGEND
LOCATION**

APPROVED BY:

 10/24/2018
 CITY ENGINEER DATE



DRAWING NUMBER

T - 1



BOLLARD FOUNDATION DETAIL
NOT TO SCALE

NOTE:

1. INSTALL GALVANIZED STEEL BOLLARD AS NEEDED PER ENGINEER'S DIRECTION OR AS SPECIFIED ON THE PLANS.

DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE

CITY OF ELK GROVE - PUBLIC WORKS

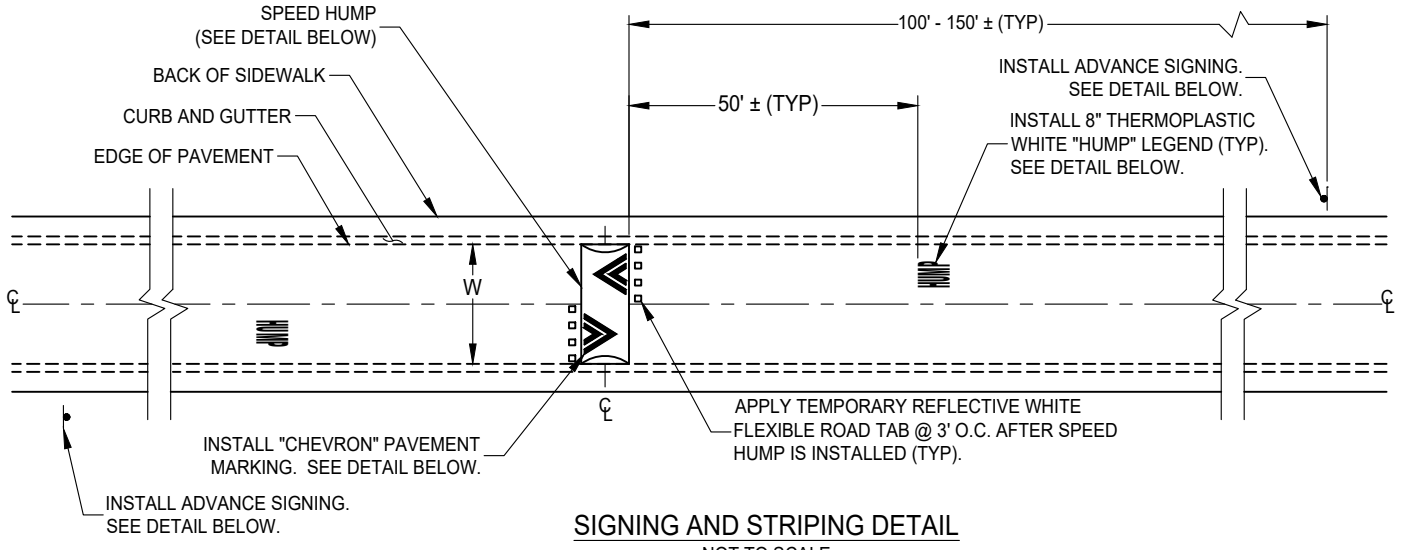
APPROVED BY:
Paul Murbach
10/24/2018
CITY ENGINEER DATE

BOLLARD DETAIL

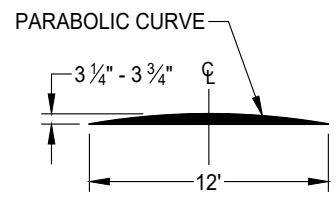


DRAWING NUMBER

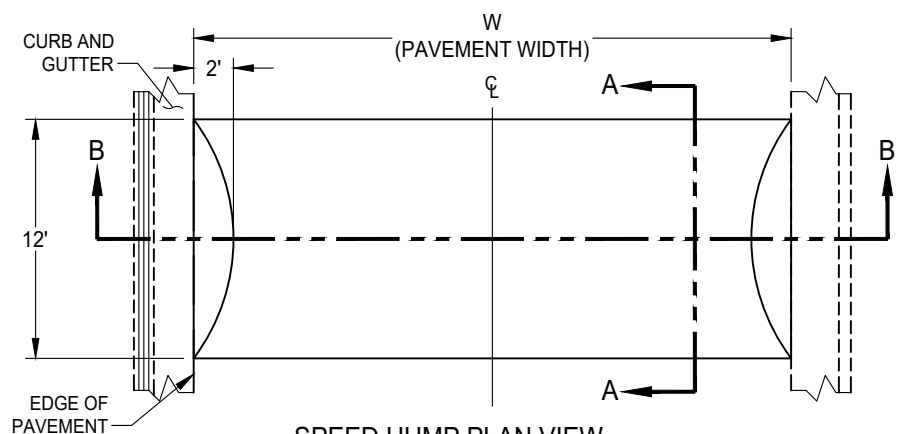
T - 2A



SIGNING AND STRIPING DETAIL
NOT TO SCALE



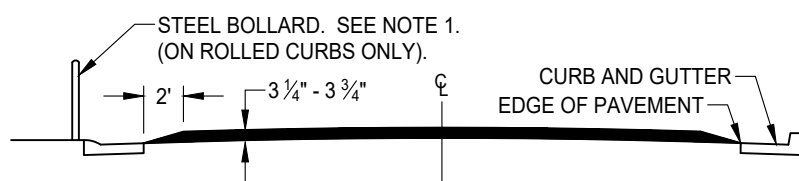
SECTION A-A
NOT TO SCALE



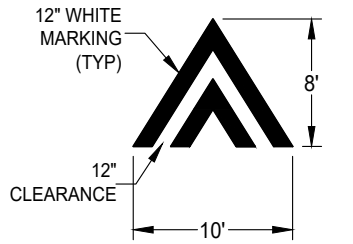
SPEED HUMP PLAN VIEW
NOT TO SCALE

NOTES:

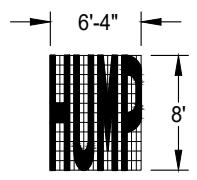
1. INSTALL GALVANIZED STEEL BOLLARD AS NEEDED PER ENGINEER'S DIRECTION OR AS SPECIFIED ON THE PLANS. SEE STANDARD DRAWING NO. T-2A FOR DETAILS.
2. NO UTILITY APPURTENANCES ALLOWED WITHIN FOOTPRINT OF THE SPEED HUMP



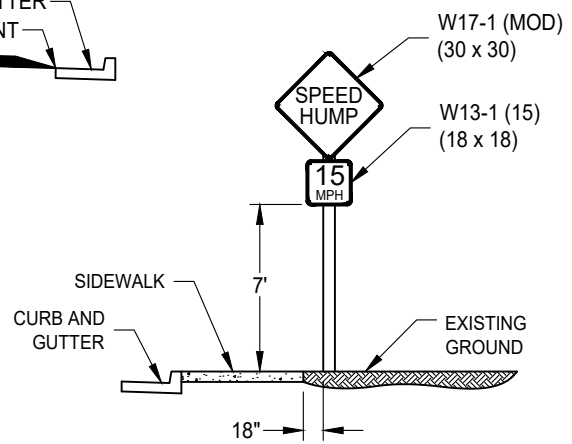
SECTION B-B
NOT TO SCALE



\"CHEVRON\" PAVEMENT MARKING DETAIL
NOT TO SCALE



\"HUMP\" PAVEMENT MARKING
NOT TO SCALE



ADVANCE SIGNING
NOT TO SCALE


DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	03-28-2024

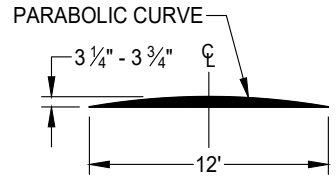
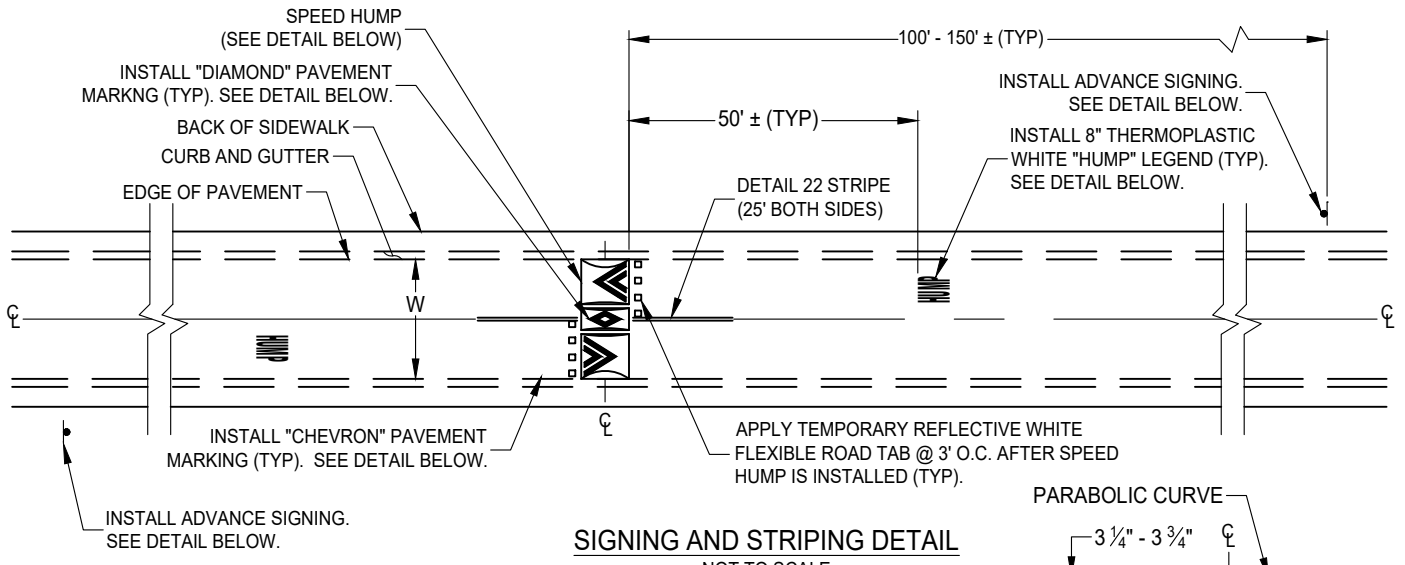
CITY OF ELK GROVE - PUBLIC WORKS

ASPHALT SPEED HUMP DETAIL
(W = 26' - 34')

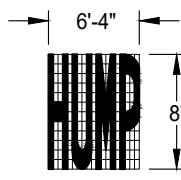
APPROVED BY: _____
05-28-2024
CITY ENGINEER DATE

DRAWING NUMBER
T - 2B

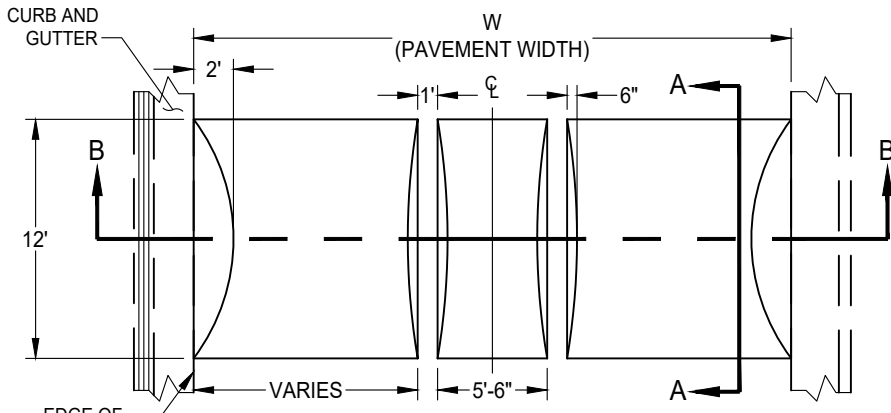




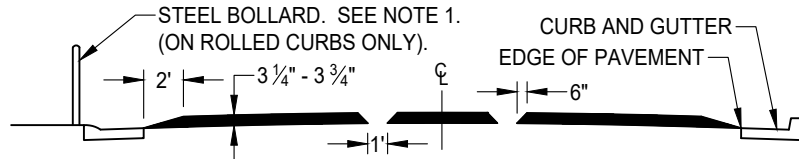
SECTION A-A
NOT TO SCALE



"HUMP" PAVEMENT MARKING
NOT TO SCALE



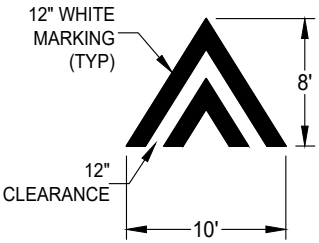
SPEED HUMP PLAN VIEW
NOT TO SCALE



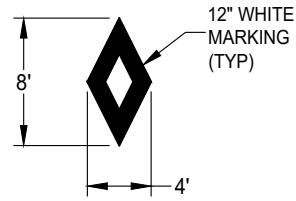
SECTION B-B
NOT TO SCALE

NOTES:

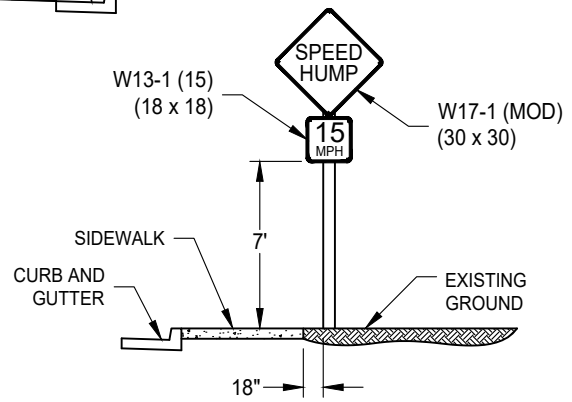
1. INSTALL GALVANIZED STEEL BOLLARD AS NEEDED PER ENGINEER'S DIRECTION OR AS SPECIFIED ON THE PLANS. SEE STANDARD DRAWING NO. T-2A FOR DETAILS.
2. NO UTILITY APPURTENANCES ALLOWED WITHIN FOOTPRINT OF THE SPEED HUMP



"CHEVRON" PAVEMENT MARKING DETAIL
NOT TO SCALE



"DIAMOND" PAVEMENT MARKING DETAIL
NOT TO SCALE



ADVANCE SIGNING
NOT TO SCALE

DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	03-28-2024


CITY OF ELK GROVE - PUBLIC WORKS

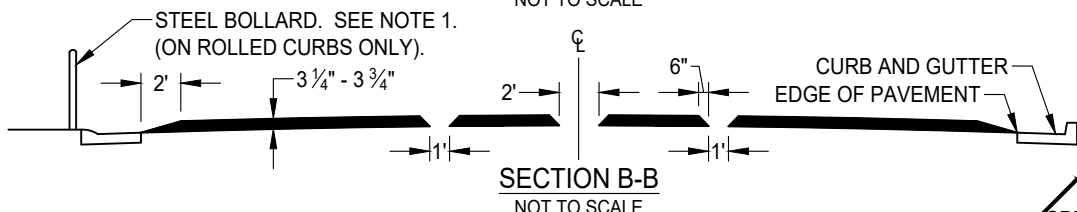
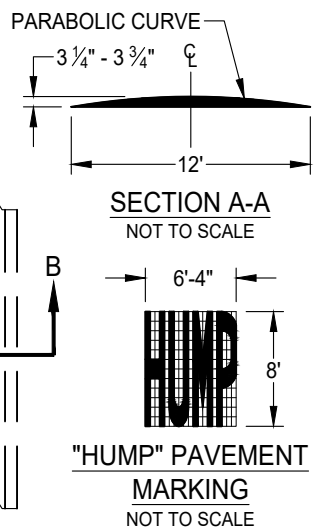
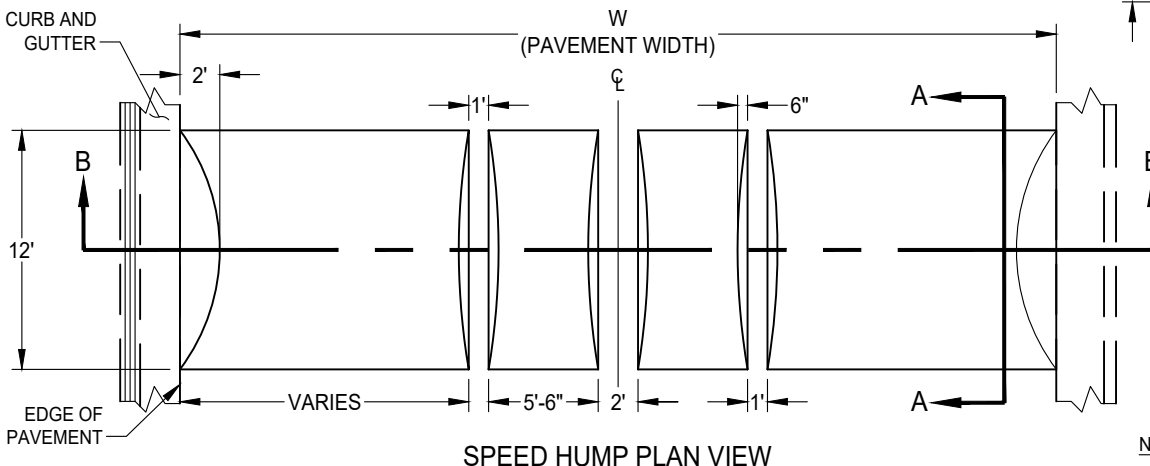
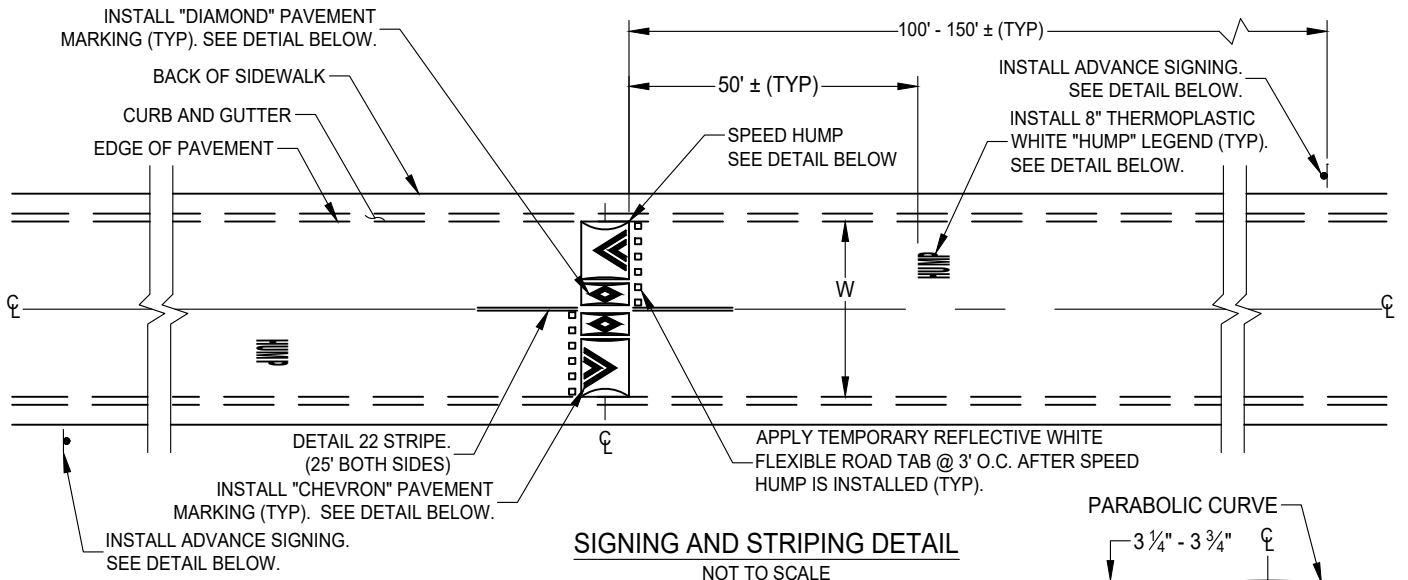
ASPHALT SPEED HUMP DETAIL (1)
(W = 26' - 34')

APPROVED BY: _____
05-28-2024
DATE

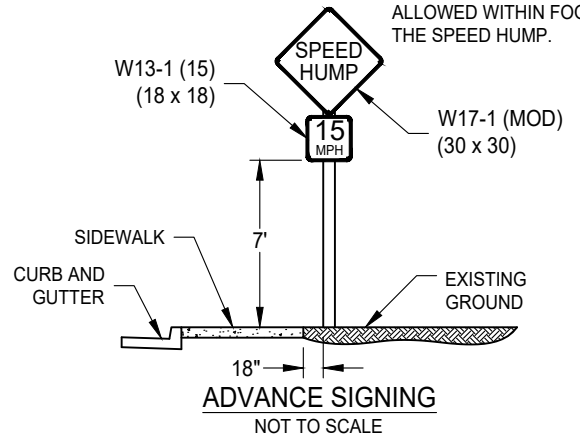
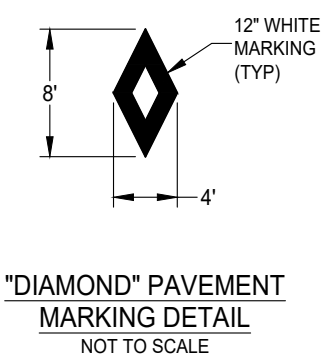
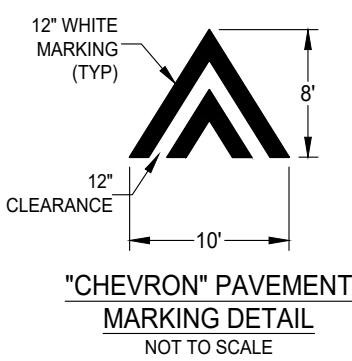
CITY ENGINEER _____ DATE

DRAWING NUMBER
T - 2C





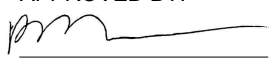
- NOTES:**
1. INSTALL GALVANIZED STEEL BOLLARD AS NEEDED PER ENGINEER'S DIRECTION OR AS SPECIFIED ON THE PLANS. SEE STANDARD DRAWING NO. T-2A FOR DETAILS.
 2. NO UTILITY APPURTENANCES ALLOWED WITHIN FOOTPRINT OF THE SPEED HUMP.



DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	03-28-2024


CITY OF ELK GROVE - PUBLIC WORKS

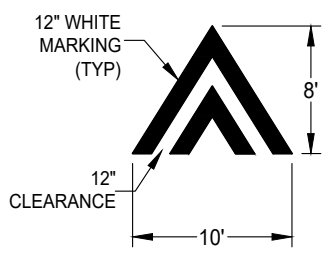
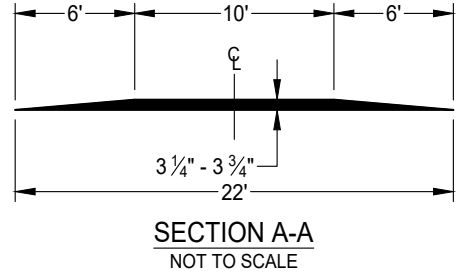
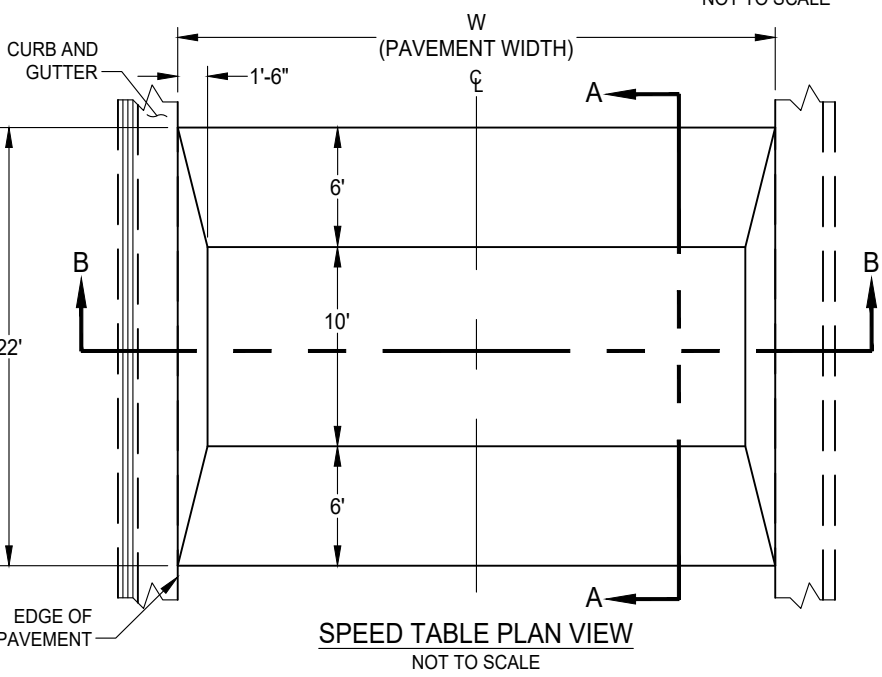
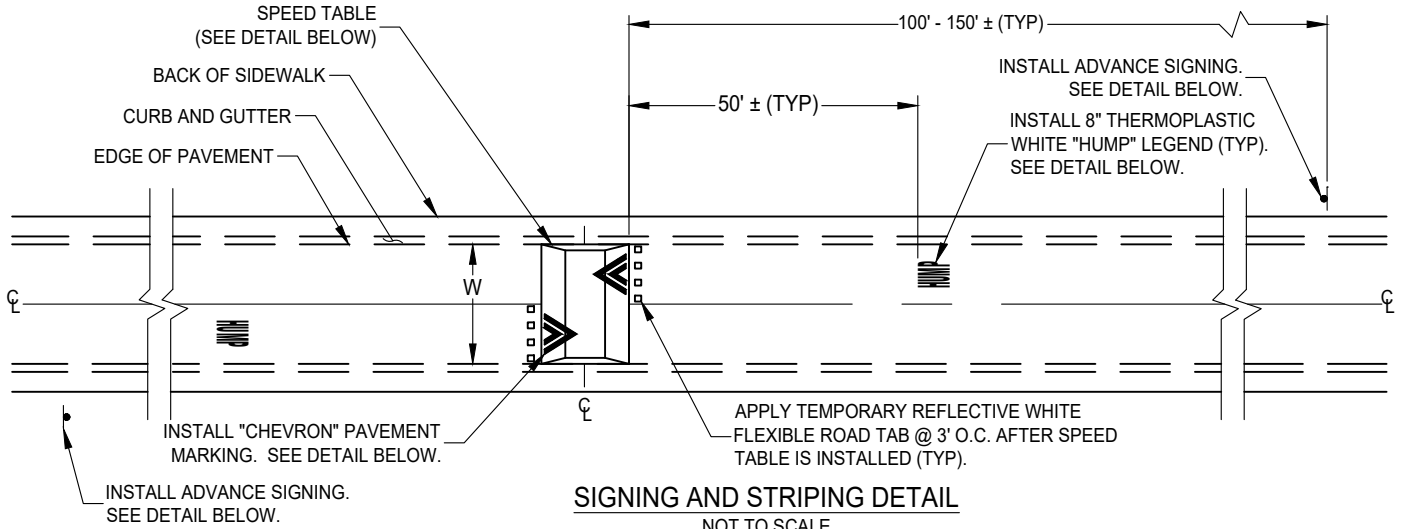
ASPHALT SPEED HUMP DETAIL (2)
(W = 36' - 44')

APPROVED BY:  05-28-2024
DATE

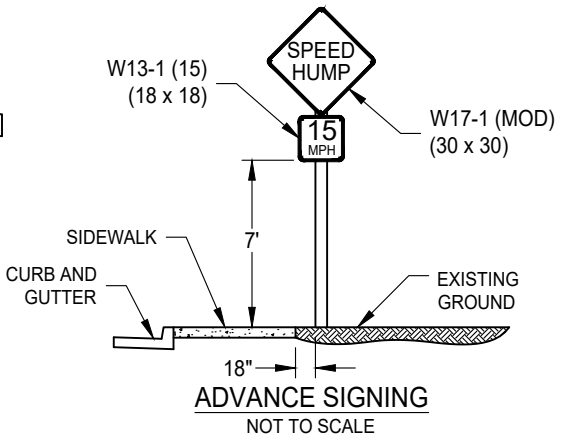
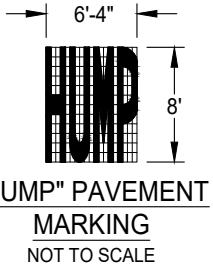
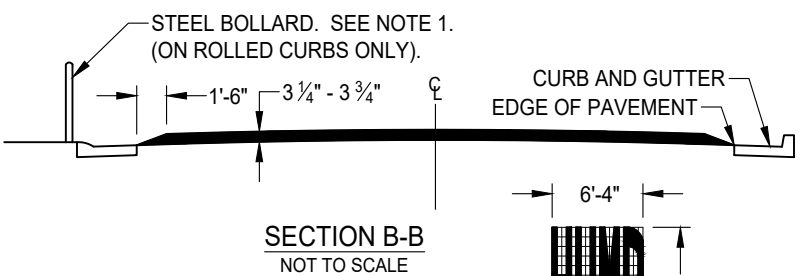
CITY ENGINEER DATE

DRAWING NUMBER
T - 2D





\"/>



NOTES:

1. INSTALL GALVANIZED STEEL BOLLARD AS NEEDED PER ENGINEER'S DIRECTION OR AS SPECIFIED ON THE PLANS. SEE STANDARD DRAWING NO. T-2A FOR DETAILS.
2. NO UTILITY APPURTENANCES ALLOWED WITHIN FOOTPRINT OF THE SPEED TABLE

DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	03-28-2024


CITY OF ELK GROVE - PUBLIC WORKS

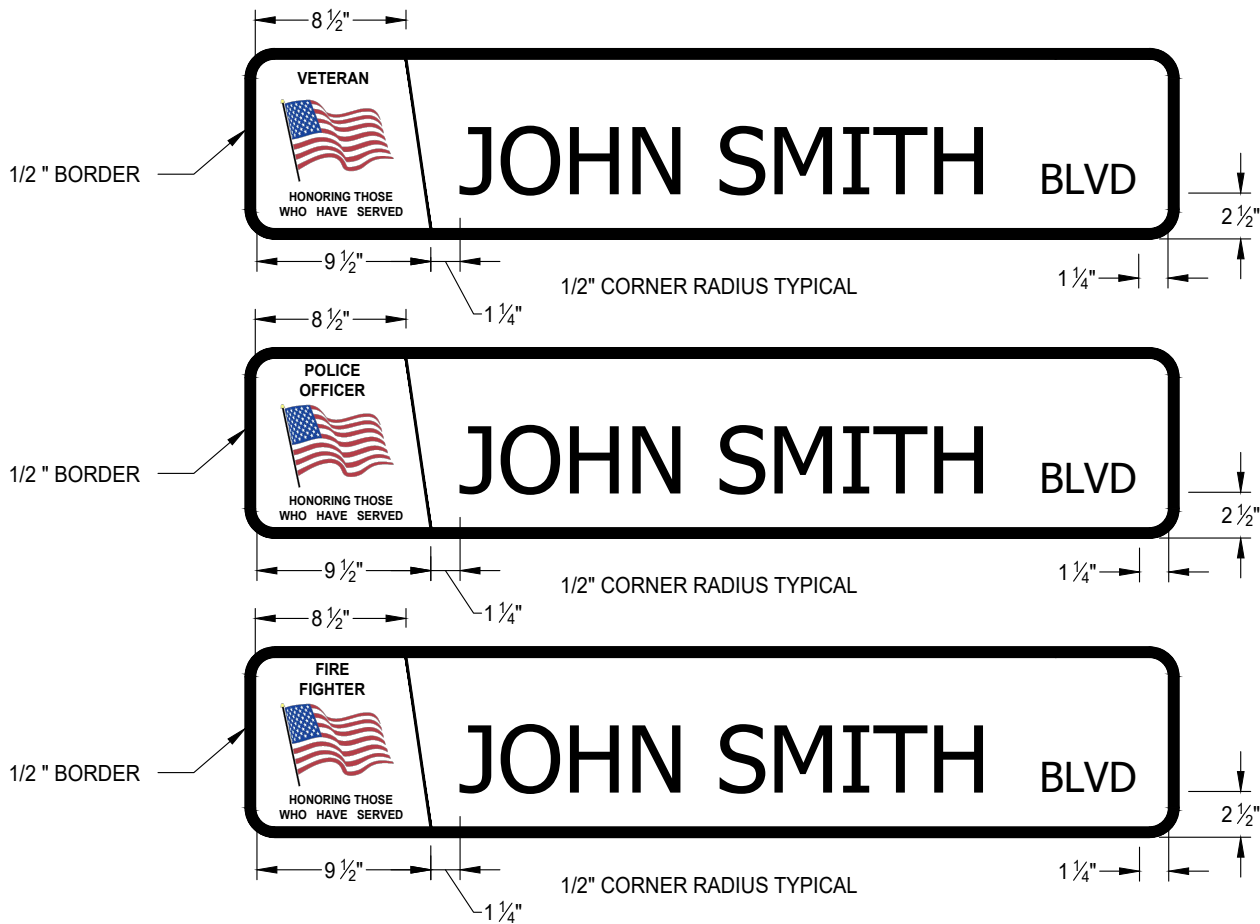
ASPHALT SPEED TABLE DETAIL
(W = 26' - 44')

APPROVED BY: _____
05-28-2024
DATE

CITY ENGINEER _____ DATE

DRAWING NUMBER
T - 2E





SIGN BLANKS: ALL STREET NAME SIGNS SHALL BE 10 INCHES IN HEIGHT, A MINIMUM OF 30 INCHES IN LENGTH AND A MAXIMUM OF 48 INCHES IN LENGTH. SIGN SHALL BE 0.125 INCH THICK, ASTM ALLOY 6061-T6, FLAT ALUMINUM FOR CENTER MOUNTED SIGNS.

SHEETING: REFLECTIVE SHEETING SHALL BE 3M DIAMOND GRADE OR EQUIVALENT (WHITE), OVERLAYED WITH ELECTROCUT (EC) TRANSPARENT OVERLAY FILM (GREEN). NO PRINTED SIGNS ALLOWED.

STREET NAMES: STREET NAMES SHALL BE NO LONGER THAN 14 LETTERS LONG, INCLUDING SPACES AND SHALL BE USED TO DETERMINE SIGN LENGTH AS SPECIFIED ABOVE.

FONTS: ALL LETTERS AND NUMBERS SHALL BE HIGHWAY GOTHIC FONT "D". MINIMUM LETTER DIMENSIONS AS LISTED BELOW ARE TO BE USED WITH LONG STREET NAMES IN ORDER TO FIT NAMES ON SIGN BLANKS.

UPPER CASE LETTERS FOR STREET NAMES:	4 INCHES
LOWER CASE LETTERS FOR STREET NAMES:	3 INCHES
UPPER CASE LETTERS FOR STREET TYPES (I.E. BLVD, WAY, RD, ST)	2 INCHES
UPPER CASE LETTERS FOR "VETERAN", "POLICE", "FIRE FIGHTER":	3/4 INCHES
UPPER CASE LETTERS FOR "HONORING THOSESERVED":	5/8 INCHES

VETERAN/POLICE/FIRE FIGHTER STREET NAME SIGN: NAMING STREET NAME SIGN AND INSTALLATION EFFORTS MUST BE COORDINATED WITH THE CITY PUBLIC WORKS. FOR MORE INFORMATION, CALL 916.687.3005

COLORS: STREET NAME SIGN COLORS SHALL BE AS FOLLOWS:
 BACKGROUND: GREEN
 TEXT: WHITE
 BORDER: WHITE
 FLAG: WHITE BACKGROUND

LAYOUT: SIGNS SHALL BE DOUBLE FACED (FRONT AND REAR) . LAYOUT SHALL BE AS SHOWN ABOVE.


DATE 01-30-2023		NOT TO SCALE	
REVISION	BY	APPROVED	DATE

CITY OF ELK GROVE - PUBLIC WORKS

**VETERAN AND PUBLIC SAFETY
STREET NAME SIGN**

APPROVED BY:
Jeffrey B. Wain 01-30-2023
 CITY ENGINEER DATE

DRAWING NUMBER
T - 3.1





SIGN BLANKS: ALL STREET NAME SIGNS SHALL BE 10 INCHES IN HEIGHT, A MINIMUM OF 30 INCHES IN LENGTH AND A MAXIMUM OF 48 INCHES IN LENGTH. SIGN SHALL BE 0.125 INCH THICK, ASTM ALLOY 6061-T6, FLAT ALUMINUM FOR CENTER MOUNTED SIGNS.

SHEETING: REFLECTIVE SHEETING SHALL BE 3M DIAMOND GRADE OR EQUIVALENT (WHITE), OVERLAYED WITH ELECTROCUT (EC) TRANSPARENT OVERLAY FILM (GREEN). NO PRINTED SIGNS ALLOWED.

STREET NAMES: STREET NAMES SHALL BE NO LONGER THAN 14 LETTERS LONG, INCLUDING SPACES AND SHALL BE USED TO DETERMINE SIGN LENGTH AS SPECIFIED ABOVE.

FONTS: ALL LETTERS AND NUMBERS SHALL BE HIGHWAY GOTHIC FONT "D". MINIMUM LETTER DIMENSIONS AS LISTED BELOW ARE TO BE USED WITH LONG STREET NAMES IN ORDER TO FIT NAMES ON SIGN BLANKS.

UPPER CASE LETTERS FOR STREET NAMES:	4 INCHES
LOWER CASE LETTERS FOR STREET NAMES:	3 INCHES
UPPER CASE LETTERS FOR STREET TYPES (I.E. BLVD, WAY, RD, ST)	2 INCHES

CITY LOGO: CITY LOGO SHALL BE 5 INCHES IN DIAMETER ELECTROCUT (EC) FILM. A COPY OF THE LOGO CAN BE OBTAINED FROM THE ASSISTANT CITY CLERK.

COLORS: STREET NAME SIGN COLORS SHALL BE AS FOLLOWS:

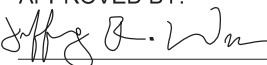
BACKGROUND:	GREEN
TEXT:	WHITE
BORDER:	WHITE
CITY LOGO:	WHITE

LAYOUT: SIGNS SHALL BE DOUBLE FACED (FRONT AND REAR) . LAYOUT SHALL BE AS SHOWN ABOVE.

NOT TO SCALE			
REVISION	BY	APPROVED	DATE
01	STN	SA	08/18/2021

CITY OF ELK GROVE - PUBLIC WORKS

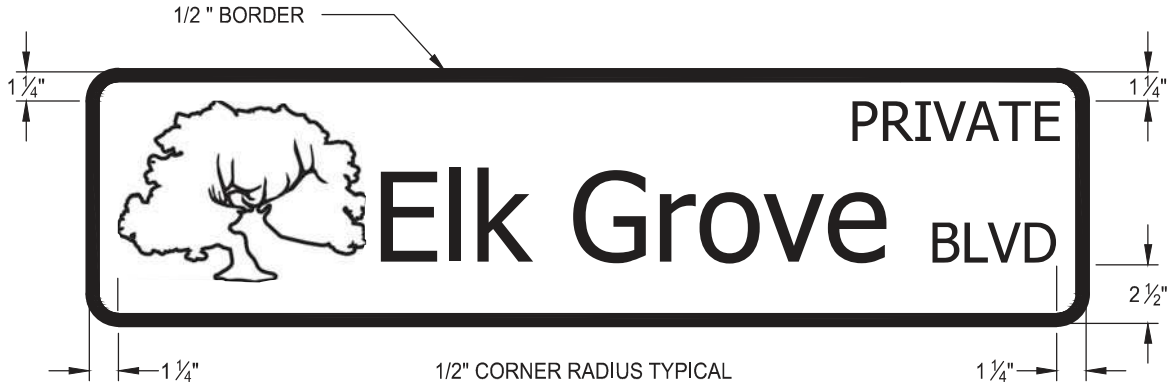
STREET NAME SIGN

APPROVED BY:

 CITY ENGINEER 08-18-2021
 DATE



DRAWING NUMBER

T - 3



SIGN BLANKS: ALL STREET NAME SIGNS SHALL BE 10 INCHES IN HEIGHT, A MINIMUM OF 30 INCHES IN LENGTH AND A MAXIMUM OF 48 INCHES IN LENGTH. SIGN SHALL BE 0.125 INCH THICK, ASTM ALLOY 6061-T6, FLAT ALUMINUM FOR CENTER MOUNTED SIGNS.

SHEETING: REFLECTIVE SHEETING SHALL BE 3M DIAMOND GRADE OR EQUIVALENT (WHITE), OVERLAYED WITH ELECTRO CUT (EC) TRANSPARENT OVERLAY FILM (GREEN). NO PRINTED SIGNS ALLOWED.

STREET NAMES: STREET NAMES SHALL BE NO LONGER THAN 14 LETTERS LONG, INCLUDING SPACES AND SHALL BE USED TO DETERMINE SIGN LENGTH AS SPECIFIED ABOVE.

FONT: ALL LETTERS AND NUMBERS SHALL BE HIGHWAY GOTHIC FONT "D". MINIMUM LETTER DIMENSIONS AS LISTED BELOW ARE TO BE USED WITH LONG STREET NAMES IN ORDER TO FIT NAMES ON SIGN BLANKS.

UPPER CASE LETTERS FOR STREET NAMES:	4 INCHES
LOWER CASE LETTERS FOR STREET NAMES:	3 INCHES
UPPER CASE LETTERS FOR STREET TYPES (I.E. BLVD, WAY, RD, ST)	2 INCHES

CITY LOGO: CITY LOGO SHALL BE 5 INCHES IN DIAMETER ELECTRO CUT (EC) FILM. A COPY OF THE LOGO CAN BE OBTAINED FROM THE ASSISTANT CITY CLERK.

COLORS: STREET NAME SIGN COLORS SHALL BE AS FOLLOWS:

BACKGROUND:	GREEN
TEXT:	WHITE
BORDER:	WHITE
CITY LOGO:	WHITE

LAYOUT: SIGNS SHALL BE DOUBLE FACED (FRONT AND REAR). LAYOUT SHALL BE AS SHOWN ABOVE.


NOT TO SCALE			
REVISION	BY	APPROVED	DATE
1	STN	SA	08-18-2021

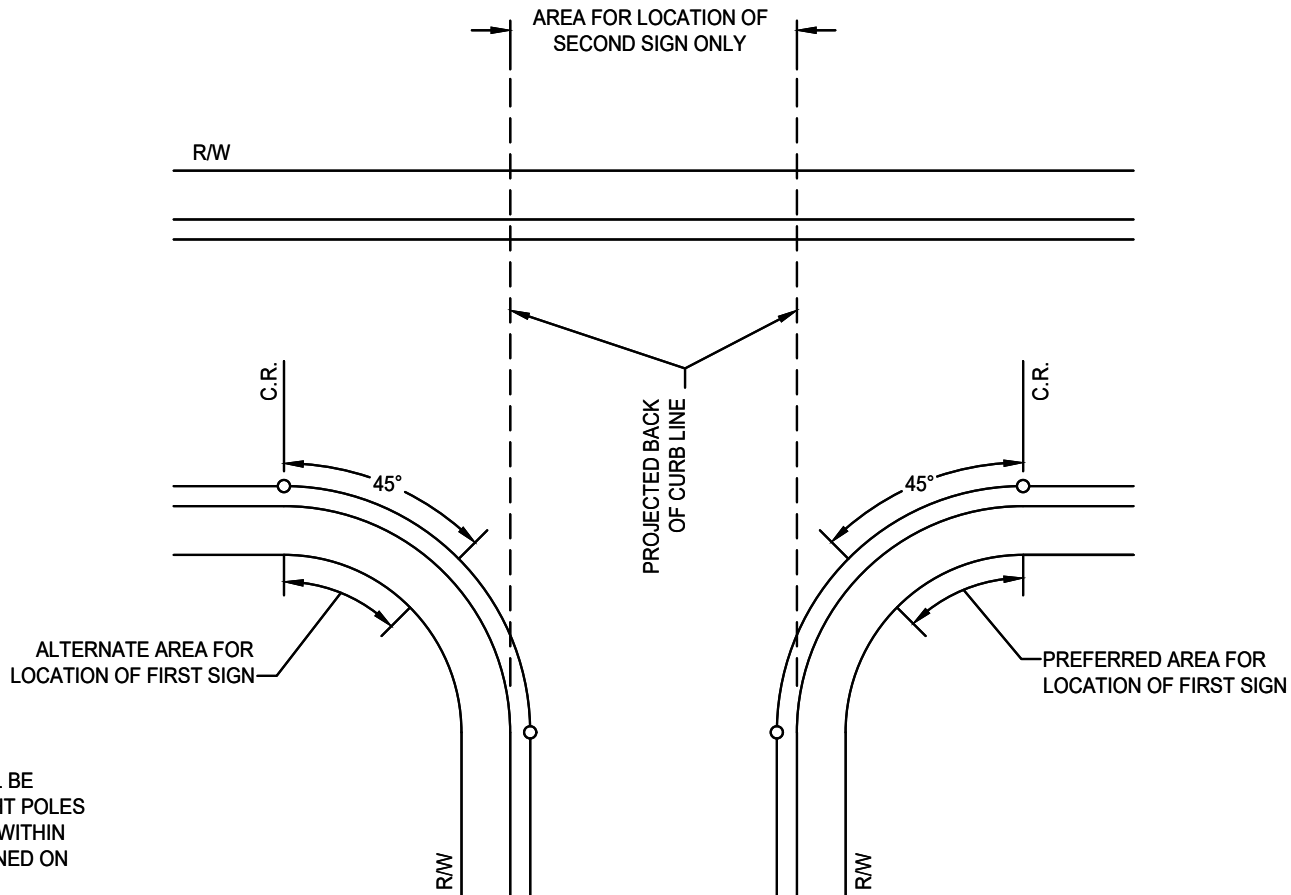
CITY OF ELK GROVE - PUBLIC WORKS

PRIVATE STREET NAME SIGN

APPROVED BY: *Jeffrey B. Wan* 08-18-2021
 CITY ENGINEER DATE

DRAWING NUMBER
T - 4





NOTES:

1. STREET NAME SIGNS SHALL BE INSTALLED ON STREET LIGHT POLES WHEN THEY ARE LOCATED WITHIN THE LOCATION LIMITS DEFINED ON THIS DETAIL.
2. THE LOCATION FOR SECOND SIGN SHALL BE USED ONLY WHEN 2 (TWO) SETS OF STREET NAME SIGNS ARE REQUIRED AS SHOWN IN STANDARD DRAWING NUMBER T-6A.
3. ALL OTHER STREET NAME SIGN REQUIREMENTS IN SECTIONS 4-21 AND 4-22 OF THE CITY IMPROVEMENT STANDARDS AND CITY STANDARD DRAWINGS T-3, T-3.1, T-4, T-5B, T-6A AND T-6B SHALL APPLY.

DATE: 09/22/2007		NOT TO SCALE	
REVISION	BY	APPROVED	DATE


CITY OF ELK GROVE - PUBLIC WORKS

STREET NAME SIGN ON STREET LIGHT POLE PLACEMENT DETAIL

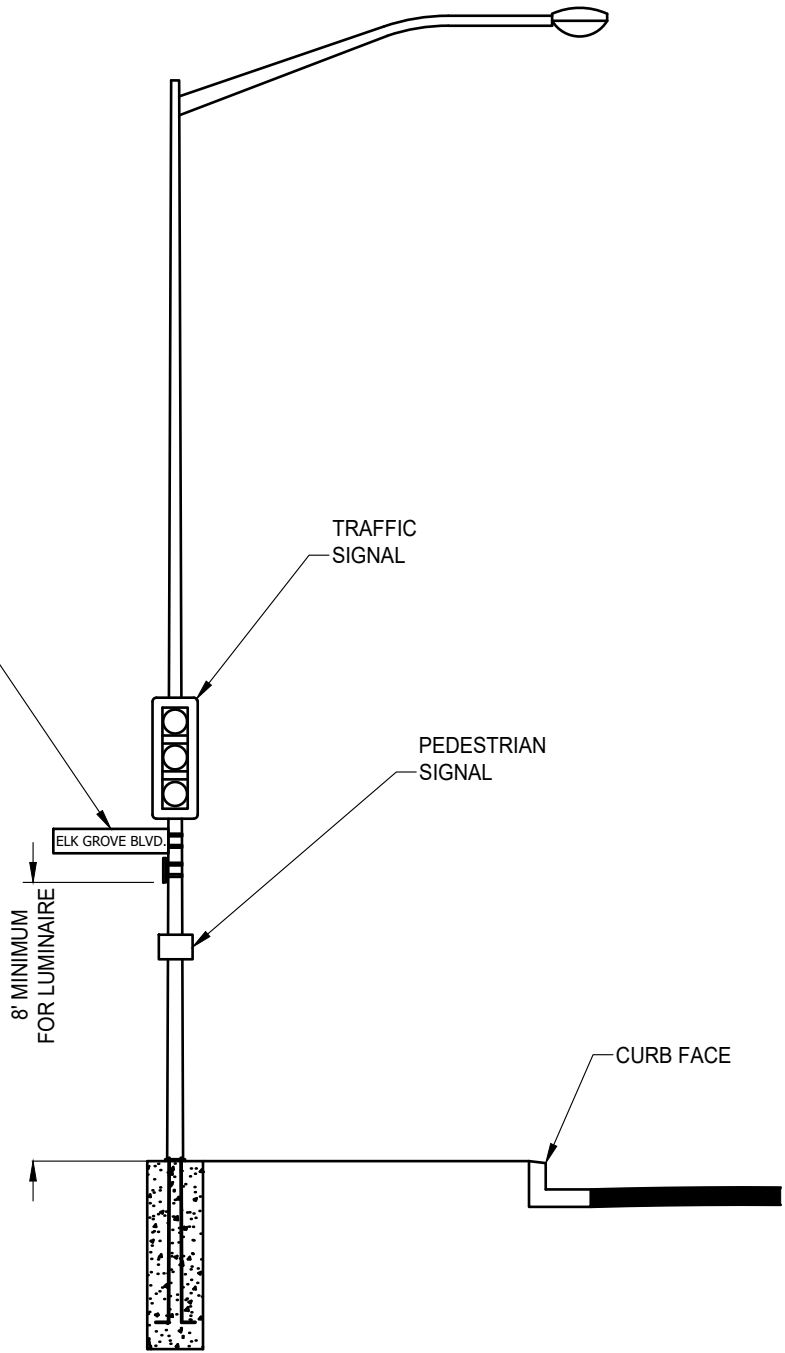
APPROVED BY:
Paul Murock
CITY ENGINEER

10/24/2018
DATE

DRAWING NUMBER
T - 5A



CANTILEVER TWO-SIDED SIGNS SHALL BE MOUNTED ON SIGNAL POLES AND LUMINAIRE POLES AWAY FROM THE CROSS STREET WITH 30-INCH BRACKETS, TOP AND BOTTOM, (SEE NOTE). BRACKETS SHALL BE FASTENED TO POLES WITH TWO (2) 0.750 INCH WIDE BY 0.30 INCH THICK TYPE 201 STAINLESS STEEL BANDS WITH HEAVY DUTY BUCKLE AND A MINIMUM OF TWO (2) VANDAL PROOF SCREWS SHALL AFFIX THE STREET SIGN TO THE BRACKET. THE SCREWS SHALL PASS THROUGH THE BRACKET AND SIGN. AT LOCATIONS WITH TWO (2) SIGNS, ONE PERPENDICULAR TO THE CENTERLINE OF EACH ROADWAY, THE SIGNS SHALL EACH HAVE TWO (2) BANDS AFFIXING THE BRACKET TO THE POLE. ONE SIGN WILL BE BELOW THE OTHER SIGN.



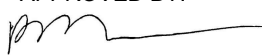
NOTE:

- BRACKETS SHALL BE 30-INCH IN LENGTH, TOP AND BOTTOM OF SIGN, AND SHALL BE ASSEMBLED BY ATTACHING AN EXTRUDED ALUMINUM HEAD TO AN EXTENDED ALUMINUM "T" CHANNEL. THE BRACKET SHALL BE MADE FROM 6082-T6 ALUMINUM WITH "T" SECTION SHALL BE MADE FROM 6062-T6 ALUMINUM. THESE CANTILEVER ASSEMBLIES SHALL ACCOMMODATE UP TO 3/4" INCH STAINLESS STEEL BANDING THAT CAN BE DOUBLE WRAPPED FOR MOUNTING. THE CANTILEVER ARM SYSTEM SHALL ACCEPT SIGNS UP TO 0.125-INCH THICK. CANTILEVER ARMS SHALL BE ATTACHED TO BOTH THE TOP AND BOTTOM OF SIGN. CANTILEVER ARMS SHALL BE DESIGNED TO SUPPORT UP TO A SIGN AREA OF 6-SQ. FT. COLOR OF CANTILEVER ASSEMBLY AND BANDS SHALL MATCH POLE COLOR.


DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	03-28-2024

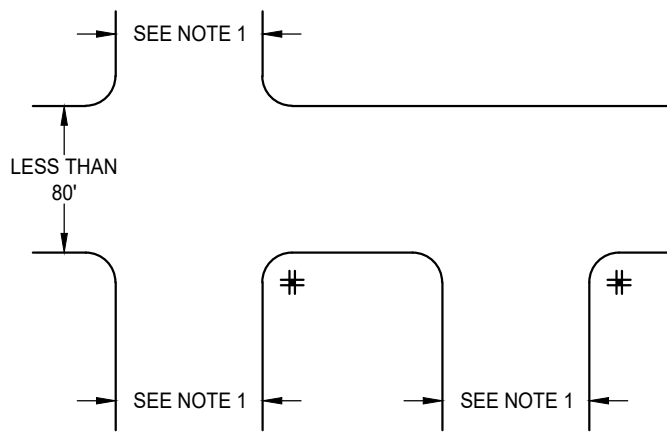
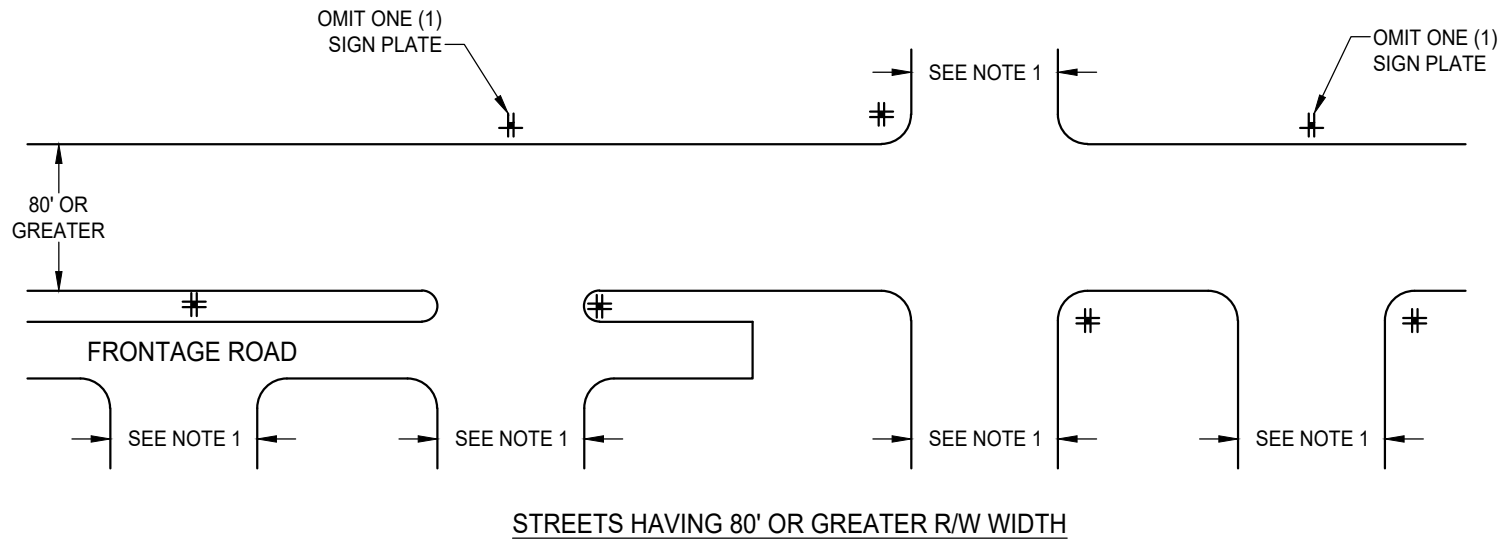
CITY OF ELK GROVE - PUBLIC WORKS

**STREET NAME SIGN ON
ELECTROLIERS**

APPROVED BY:

CITY ENGINEER 05-28-2024
DATE

DRAWING NUMBER
T - 5B





NOTE:

1. SIDE STREETS INDICATED ARE STREETS WITH R/W WIDTHS EQUAL TO OR LESS THAN R/W WIDTH FOR THROUGH STREET
2. STREET SIGNS ARE TO BE LOCATED AT MID-RETURN APPROXIMATELY 30 INCHES BEHIND THE FACE OF CURB OR 6" BEHIND ATTACHED SIDEWALKS. SEE STANDARD DRAWING T-1 WHEN COMBINED WITH A STOP SIGN.
3. SIGNS SHALL BE INSTALLED ON NORTHEAST AND SOUTHWEST CORNERS OF INTERSECTIONS. SIGNS SHALL BE INSTALLED ON STREET LIGHTING STANDARD WHEN APPROPRIATE AND AS APPROVED BY CITY.
4. CITY TO REVIEW AND APPROVE SIGN LOCATIONS PRIOR TO INSTALLATION.
5. SEE STANDARD DRAWINGS T-1, T-3, T-4, T-5A, T-5B, AND T-6B.

LEGEND:

STANDARD STREET NAME SIGN INSTALLATION. FOUR (4) SIGN PLATES ON POST OR ON STREET LIGHT POLE.

THREE (3) SIGN PLATES ON POST OR ON STREET LIGHT POLE.

DATE 09/22/2007		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
01	STN	JRW	02/16/2021

CITY OF ELK GROVE - PUBLIC WORKS

STREET NAME SIGN GENERAL LOCATION

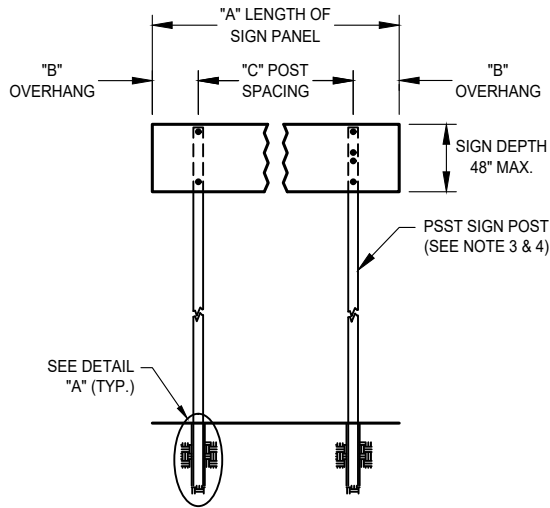
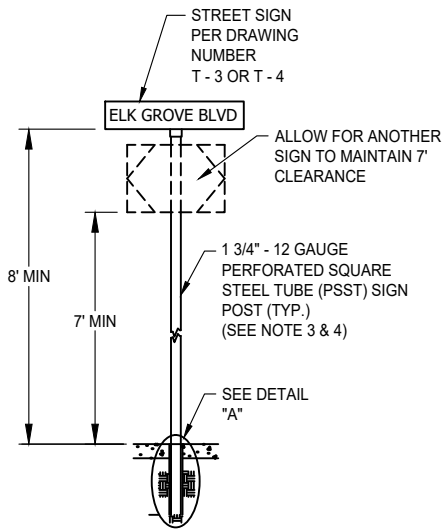
APPROVED BY:

Bob Murock 02/26/2021
CITY ENGINEER DATE



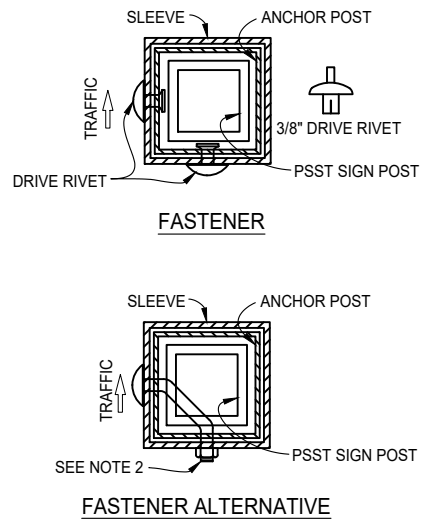
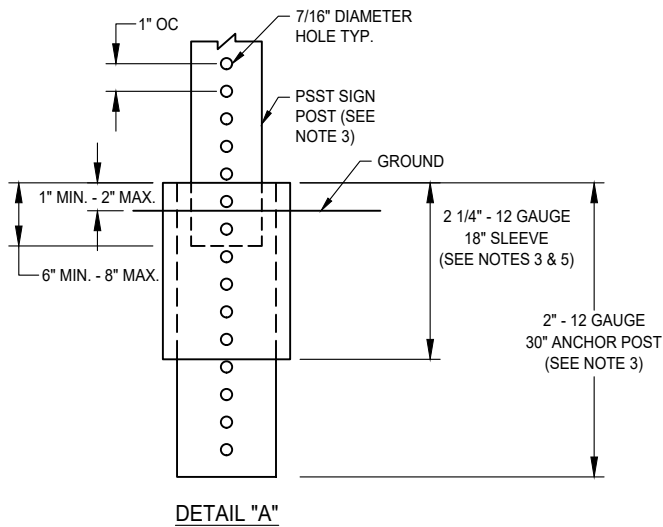
DRAWING NUMBER

T - 6A



Post Spacing Table Maximum Sign Height of 48"

Sign Panel Length	Sign Panel Overhang	Post Spacing
"A"	"B"	"C"
3' - 6"	6"	2' - 6"
4' - 0"	6"	3' - 0"
4' - 6"	6"	3' - 6"
4' - 8"	7"	3' - 6"
5' - 6"	1' - 0"	3' - 6"
6' - 0"	1' - 0"	4' - 0"

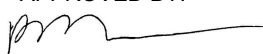


NOTES:

- BOTTOM OF LOWEST STREET SIGN TO BE MOUNTED EIGHT (8) FEET ABOVE THE GROUND OR SIDEWALK PER DETAIL "A" SHOWN ON THIS SHEET EXCEPT, WHEN STOP SIGN IS MOUNTED ON SAME POST AS A STREET SIGN, BOTTOM OF STOP SIGN SHALL BE MOUNTED SEVEN (7) FEET ABOVE THE GROUND OR SIDEWALK AND STREET NAME SIGN TO BE MOUNTED DIRECTLY ABOVE THE STOP SIGN. IN NO CASE SHALL THE BOTTOM OF THE LOWEST SIGN BE LESS THAN SEVEN (7) FEET ABOVE THE GROUND OR SIDEWALK LEVEL.
- USE TWO DRIVE RIVETS TO FASTEN ASSEMBLED SIGN AND SIGN POST INTO ANCHOR SLEEVE. INSTALL DRIVE RIVETS OR FASTNER ALTERNATIVE INTO THE SIDES FACING TRAFFIC.
- PSST SIGN POST, ANCHOR POST, AND SLEEVE SHALL BE GALVANIZED AND OF THE SAME GAUGE.
- PSST SIGN POST PER STANDARD SPECIFICATIONS.
- SLEEVE PLACE IN CONCRETE SHALL BE SOLID WITH ONLY ONE HOLE AT THE TOP FOR DRIVE RIVET OR FASTENER.
- SHALL BE 90°, HAWKINS PART NUMBER V14F-(HD)SL-105(90)-.0.125 (OR EQUAL). STREET LIGHT STANDARD BRACKET SHALL BE HAWKINS, WING BRACKET, PART NO. V14F-(HD)SL-AB-0.125 OR EQUAL.

DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	04-22-2024

CITY OF ELK GROVE - PUBLIC WORKS

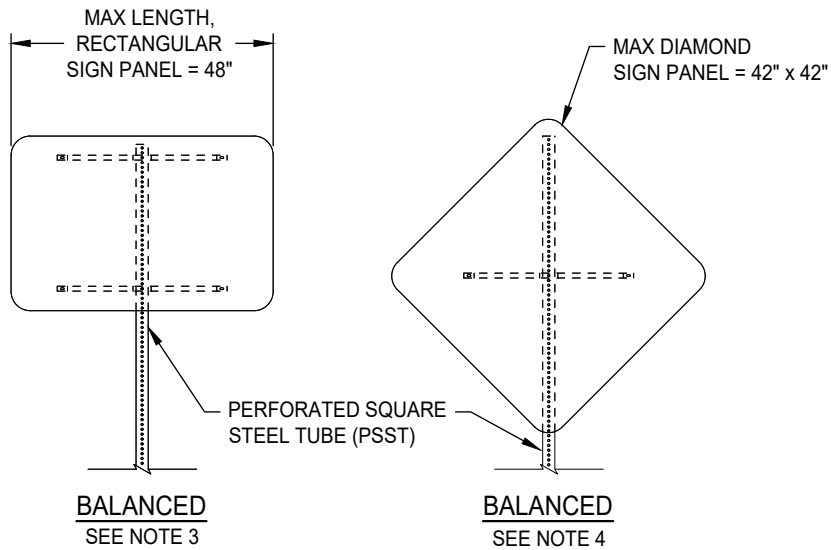
APPROVED BY:

 05-08-2024
 CITY ENGINEER DATE

SIGN POST



DRAWING NUMBER

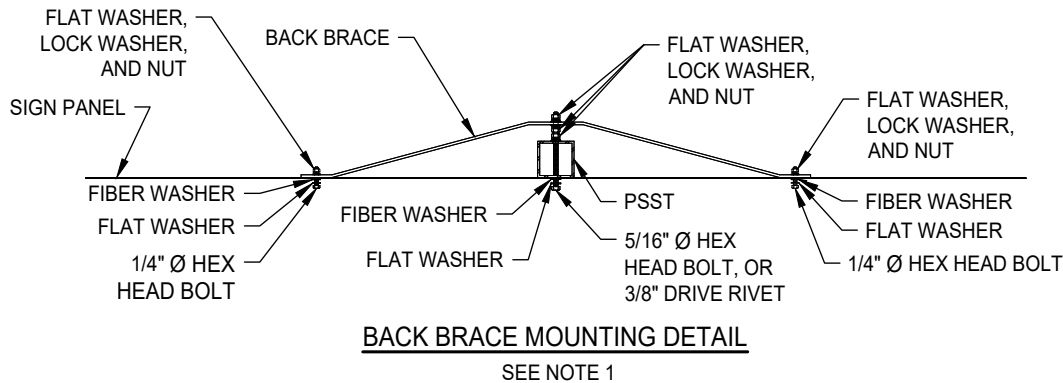
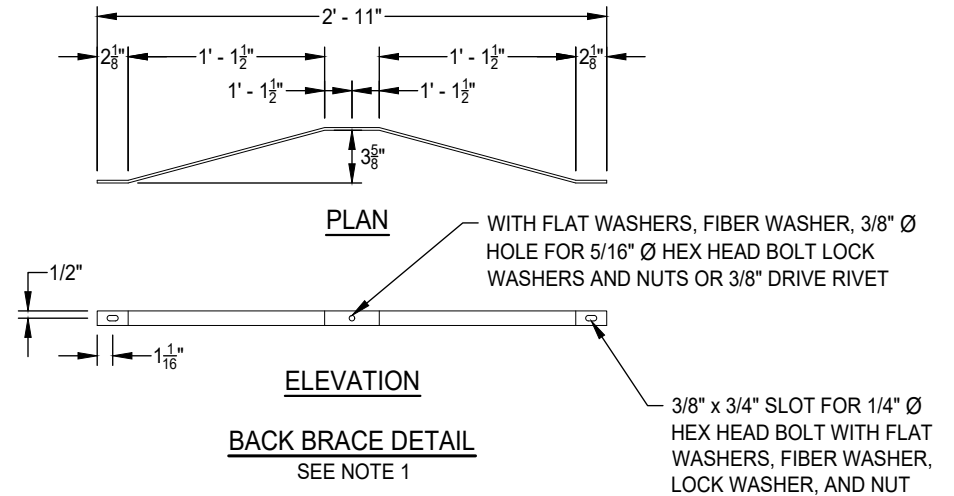
T - 6B



SINGLE POST INSTALLATION

NOTES:

1. BALANCED PSST POST INSTALLATIONS OF SIGN PANEL REQUIRE BACK BRACES WHEN 3' - 0" OR MORE IN LENGTH.
2. WOOD BLOCK SPACERS ARE NOT REQUIRED FOR SIGNS MOUNTED ON PSST POST.
3. ATTACH RECTANGULAR SIGN PANEL TO PSST POST AT THE TOP, BOTTOM, AND CENTER.
4. ATTACH DIAMOND SIGN PANEL TO PSST POST AT TOP, BOTTOM, AND CENTER.



DATE 04/23/2024		NOT TO SCALE	
REVISION	BY	APPROVED	DATE

CITY OF ELK GROVE - PUBLIC WORKS

APPROVED BY:

[Signature] 05-08-2024

CITY ENGINEER

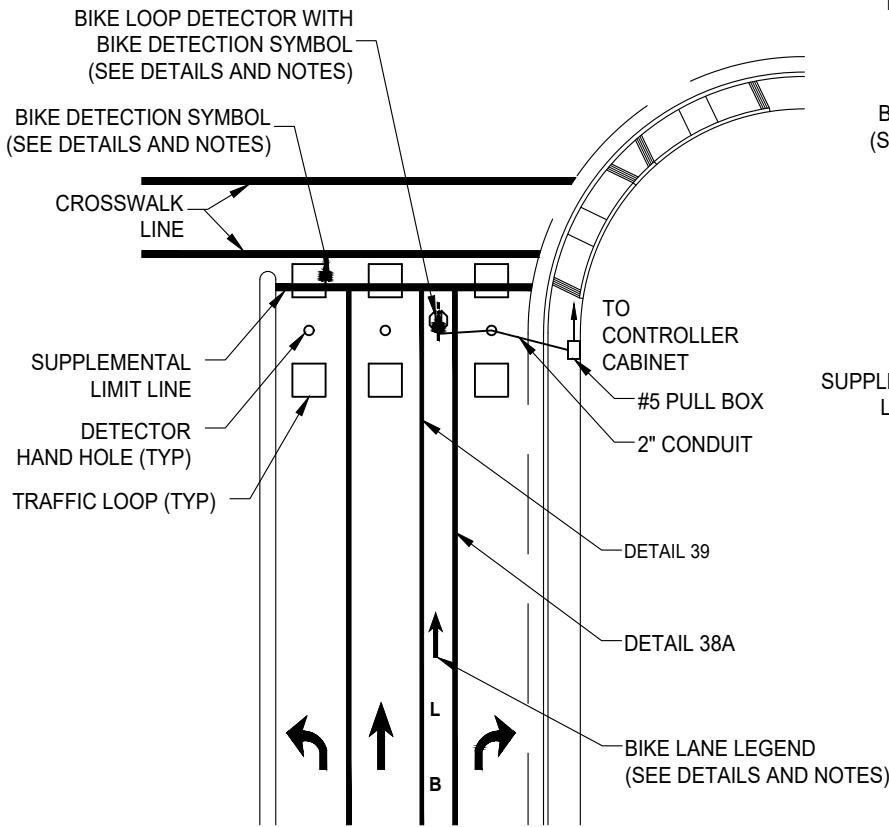
DATE

SIGN BACK BRACING

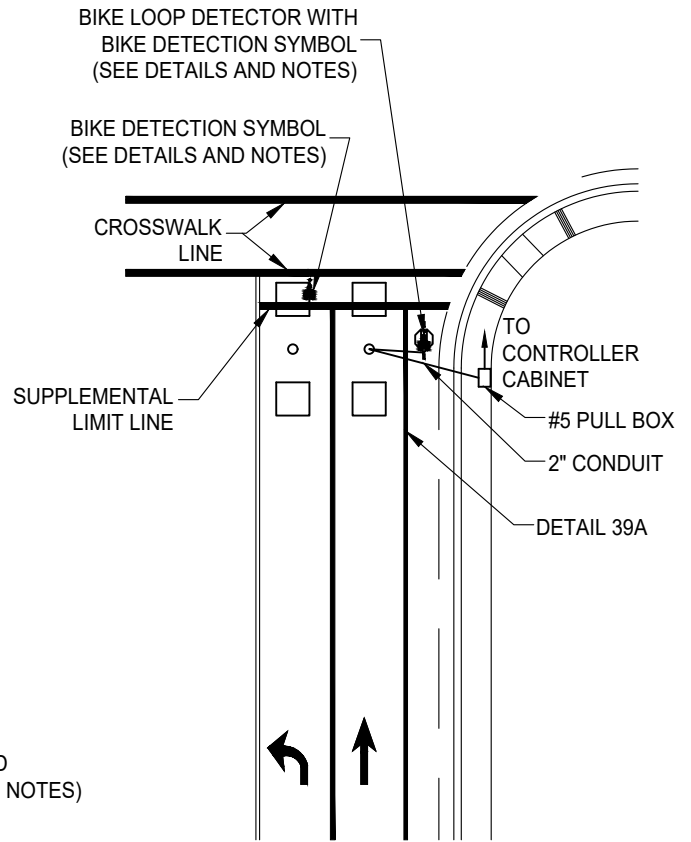


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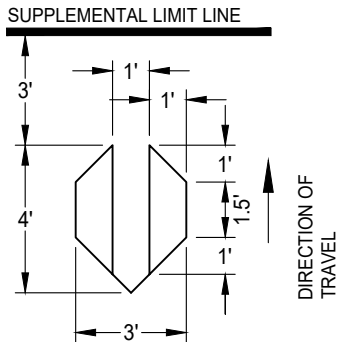
T - 6C



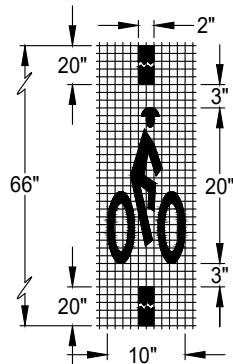
BIKE LOOP INSTALLATION AT MAJOR INTERSECTION WITH RIGHT TURN LANE



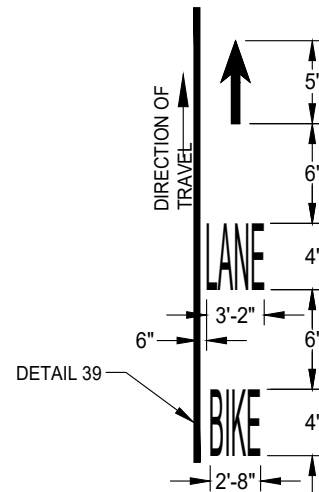
BIKE LOOP INSTALLATION ADJACENT TO CURB AND GUTTER



BIKE LOOP DETECTOR DETAIL
NOT TO SCALE



BIKE DETECTION SYMBOL DETAIL
NOT TO SCALE



BIKE LANE LEGEND DETAIL
NOT TO SCALE

SEE THE CURRENT VERSION OF THE CALIFORNIA MUTCD FOR PAVEMENT MARKING, ARROW, AND LEGEND

NOTES:

- BIKE LOOP SHALL BE INSTALLED WITH CONDUIT, DETECTOR HANDHOLE (DH) AND DETECTOR LEAD IN CABLE (DLC) AND CONNECTED IN CONTROLLER WITH SEPARATE CHANNEL FOR OPERATION, UNLESS OTHERWISE NOTED ON THE PLANS.
- FOR BIKE LANE WITH LESS THAN 3 FEET IN WIDTH, MEASURING FROM BIKE LANE STRIPE AND LIP OF GUTTER, USE 3/4 SIZE OF BIKE LANE LEGEND.
- BIKE LANE LEGENDS, ARROWS AND BIKE DETECTION SYMBOLS SHALL BE 2 COATS WATER BASED WHITE PAINT PER SECTION 84-2.02 OF THE STATE STANDARD SPECIFICATIONS.
- BIKE DETECTION SYMBOL SHALL BE INSTALLED ON LOOP DETECTOR FOR LEFT TURN LANE, BIKE LANE AND OUTSIDE THROUGH LANE WHERE NO BIKE LANE IS PROPOSED. FOR DUAL LEFT TURN LANES, ONLY THE OUTSIDE LEFT TURN LANE SHALL BE INSTALLED WITH BIKE DETECTION SYMBOL. COORDINATE WITH SIGNAL CONTRACTOR AND CITY INSPECTOR FOR EXACT LOCATION OF DETECTION.


DATE: 09/22/2007		NOT TO SCALE	
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01	SN	SA	07-29-2021

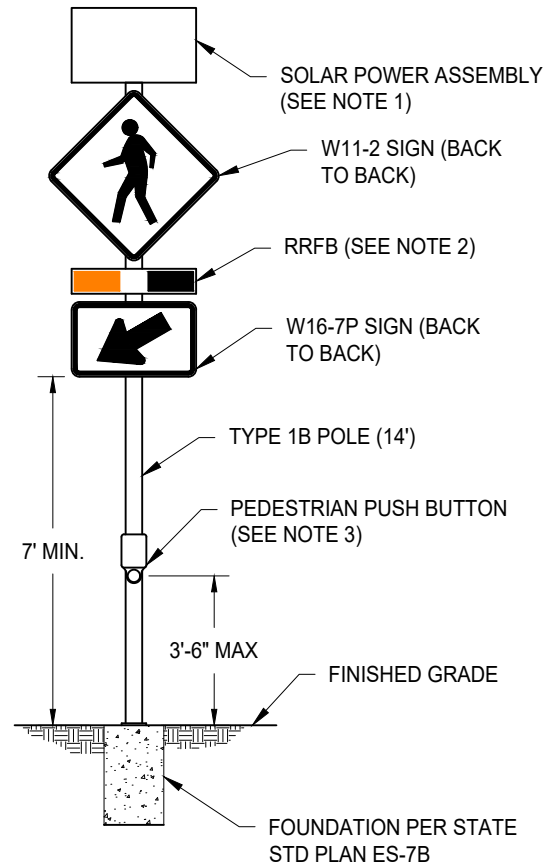
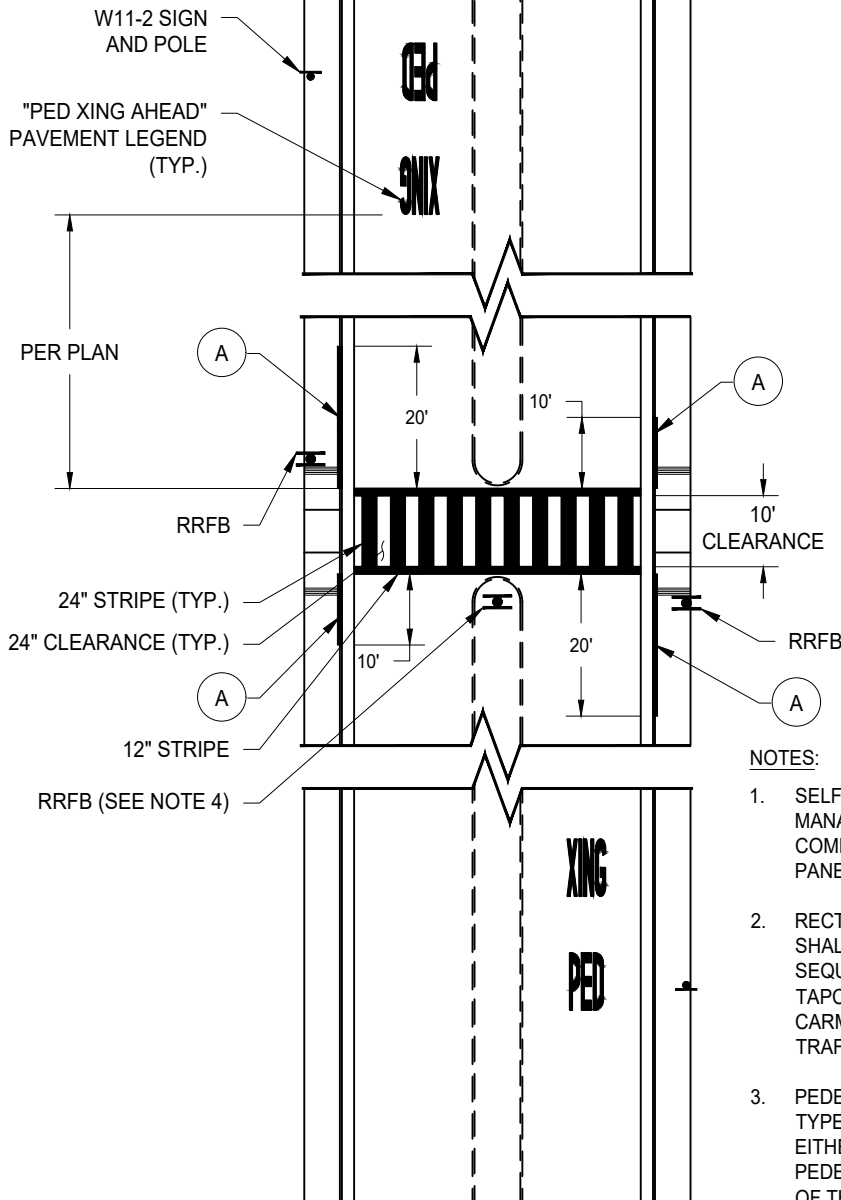
CITY OF ELK GROVE - PUBLIC WORKS

BIKE LOOP AND BIKE LEGEND INSTALLATION DETAIL

APPROVED BY:
Jeffrey B. W... 07-30-2021
CITY ENGINEER DATE

DRAWING NUMBER
T - 7





RRFB DETAIL

NOTES:

1. SELF CONTAINED SOLAR ENGINE THAT HOUSES THE ENERGY MANAGEMENT SYSTEM, ON BOARD USER INTERFACE, WIRELESS COMMUNICATIONS BETWEEN UNITS, BATTERIES AND SOLAR PANEL.
2. RECTANGULAR RAPID FLASHING BEACON (RRFB) INDICATIONS SHALL FLASH IN A RAPID ALTERNATING "WIG-WAG" FLASHING SEQUENCE. RRFB SHALL BE EITHER MODEL 2180-RRFB-XL BY TAPCO TRAFFIC AND PARKING CONTROL CO. INC, MODEL R920 BY CARMANAH TECHNOLOGIES CORP., OR MODEL TS60-RRFB BY TRAFFIC SAFETY CORP., OR APPROVED EQUAL.
3. PEDESTRIAN PUSH BUTTON (PPB) SHALL BE TYPE B, LARGE A.D.A. TYPE WITH TWO-INCH DIA. BUTTON. PPB HOUSING SHALL BE EITHER DIE-CAST OR PERMANENT MOLD CAST ALUMINUM. PEDESTRIAN SIGN SHALL CONFORM TO STANDARD SIGN R10-25 OF THE CALIFORNIA MUTCD.
4. INSTALL RRFB IN THE MEDIAN ISLAND WHEN APPLICABLE (EXCLUDING W16-7P SIGN PLATE).
5. CROSSWALK STRIPE SHALL BE EITHER YELLOW OR WHITE AS DIRECTED BY THE ENGINEER OR DETAILED ON THE PLANS.

(A) RED PAINTED CURB


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1	SJB	SMA	03-28-2024

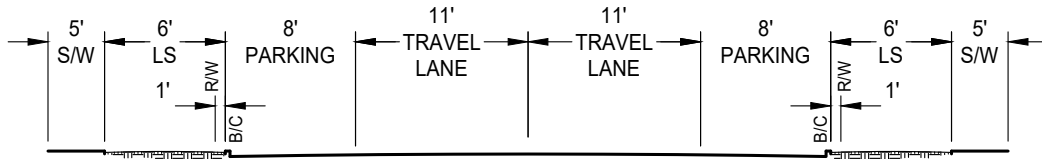
CITY OF ELK GROVE - PUBLIC WORKS

**MID-BLOCK CROSSWALK
WITH RRFB AT UNCONTROLLED
LOCATIONS**

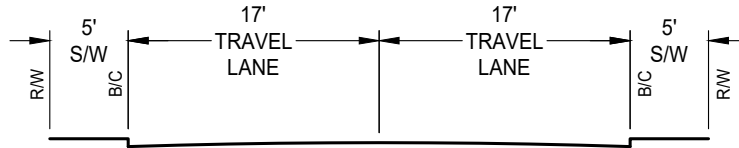
APPROVED BY: _____ 05-28-2024
CITY ENGINEER DATE

DRAWING NUMBER
T - 8

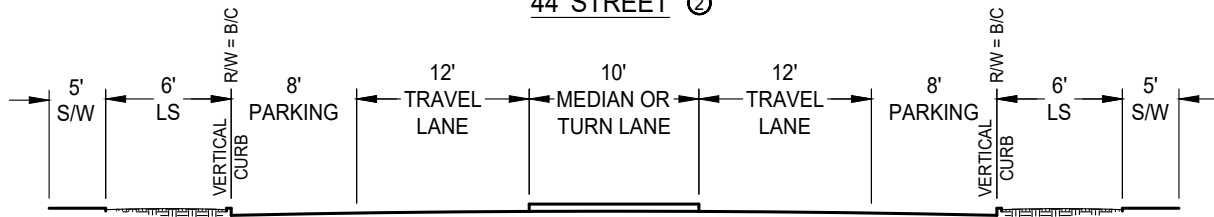




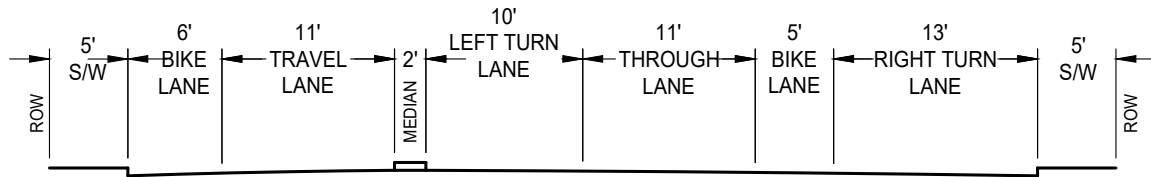
40' STREET



44' STREET ②



50' STREET ①③⑤



68' EXPANDED INTERSECTION ④

AT THE DISCRETION OF PUBLIC WORKS

- ① ADJACENT TO SCHOOLS OR PARKS WIDEN THE SIDEWALK TO 8'.
IF PARKING IS NOT NEEDED, PARKING CAN BE CHANGED TO 6' BIKE LANE.
IF BIKE LANES ARE NEEDED, ADD 12'.
- ② 8' OF LANDSCAPING SEPARATING THE STREET FROM THE SIDEWALK MAY BE ADDED.
- ③ IF PARKING IS NOT NEEDED, IT MAY BE REMOVED. MINIMUM RIGHT-OF WAY SHALL BE 40 FEET.
ADJACENT TO SCHOOLS OR PARKS WIDEN THE SIDEWALK TO 8'.
IF PARKING IS NOT NEEDED, PARKING CAN BE CHANGED TO 6' BIKE LANE.
- ④ IF BIKE LANES ARE NOT NEEDED, REDUCE BY 11'.
- ⑤ LANDSCAPING AND SIDEWALK SHALL BE DEDICATED BY FEE TITLE OR LANDSCAPE/PEDESTRIAN EASEMENT AS APPROVED BY THE DIRECTOR.

MINOR DEVIATION MAY BE APPROVED BY THE DIRECTOR.


DATE 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
01	STN	JRW	02/16/2021

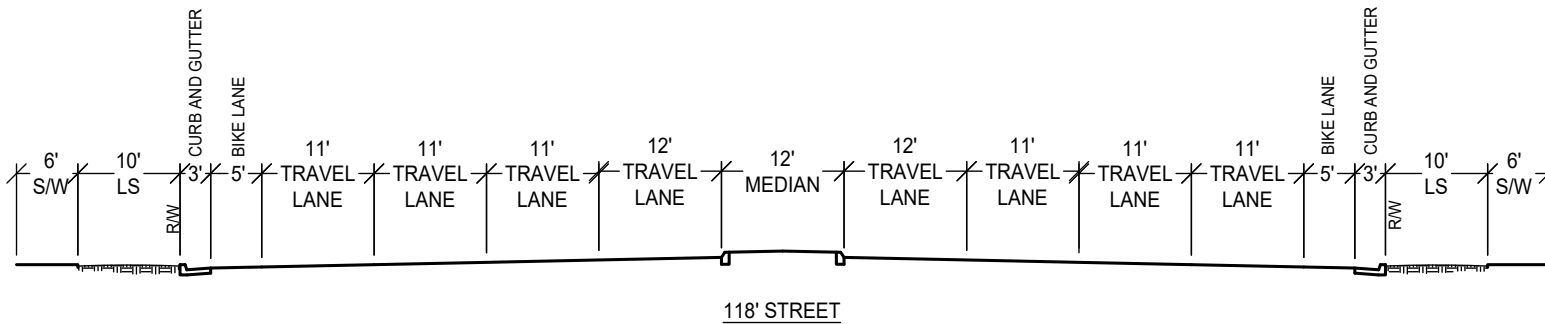
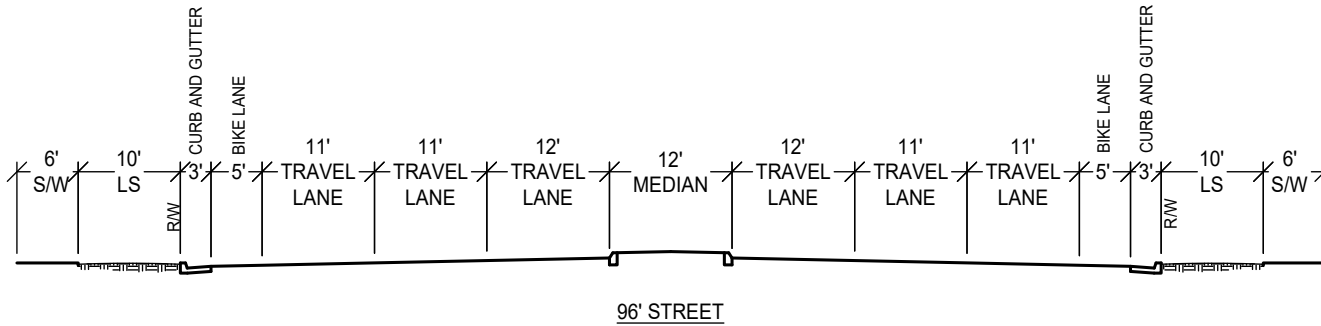
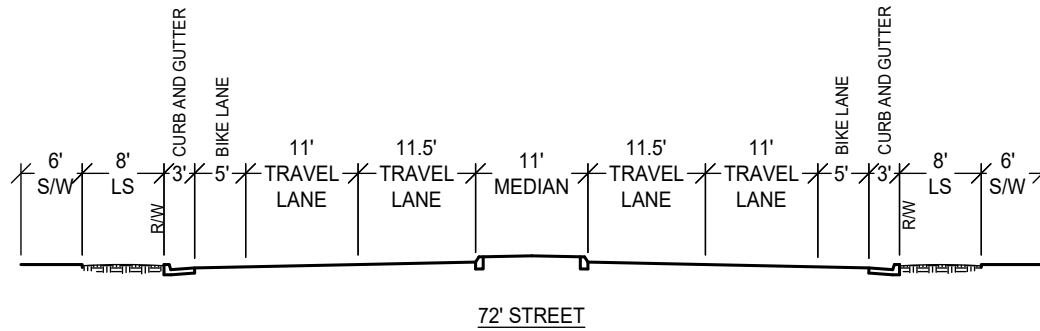
CITY OF ELK GROVE - PUBLIC WORKS

TYPICAL STREET CROSS SECTIONS
40', 44', 50' AND 68'

APPROVED BY:
Robert Mordock 02/26/2021
CITY ENGINEER DATE

DRAWING NUMBER
T - 9A





AT THE DISCRETION OF PUBLIC WORKS

- ① ADJACENT TO SCHOOLS OR PARKS WIDEN THE SIDEWALK TO 8'.
- ② LANDSCAPING AND SIDEWALK SHALL BE DEDICATED BY FEE TITLE OR LANDSCAPE/PEDESTRIAN EASEMENT AS APPROVED BY THE DIRECTOR.

MINOR DEVIATION MAY BE APPROVED BY THE DIRECTOR.


DATE: 09/22/2007		NOT TO SCALE	
REVISION	BY	APPROVED	DATE

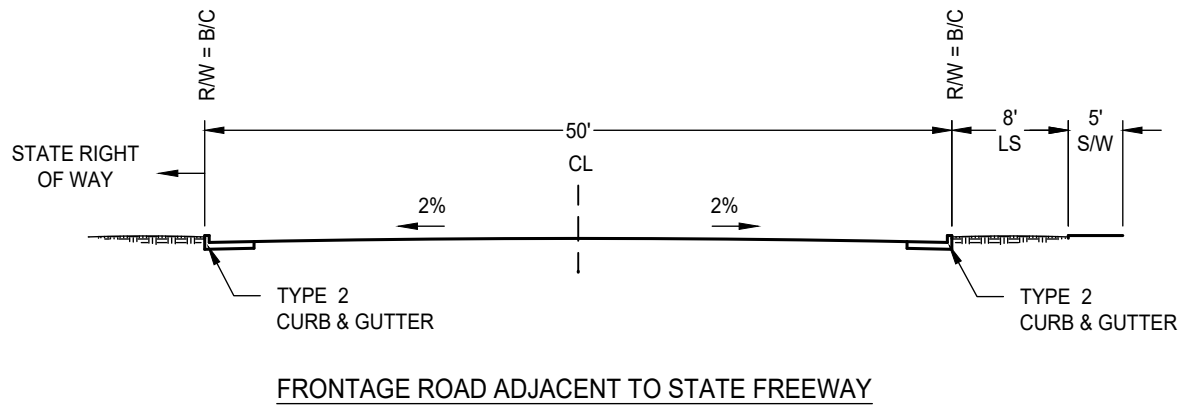
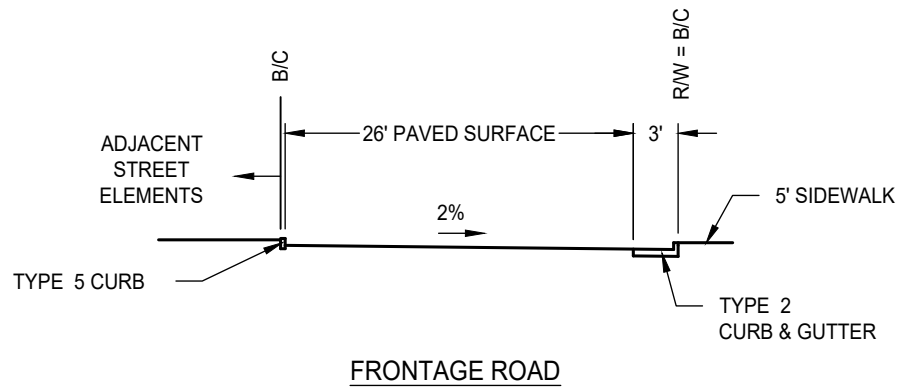
CITY OF ELK GROVE - PUBLIC WORKS

TYPICAL STREET CROSS SECTIONS
72', 96' AND 118'

APPROVED BY:
Paul Muddoch 10/24/2018
CITY ENGINEER DATE

DRAWING NUMBER
T - 9B





DATE: 09/22/2007		NOT TO SCALE	
REVISION	BY	APPROVED	DATE

CITY OF ELK GROVE - PUBLIC WORKS

**TYPICAL STREET CROSS SECTIONS
FRONTAGE ROAD**

APPROVED BY:

Paul M. Muelich

10/24/2018

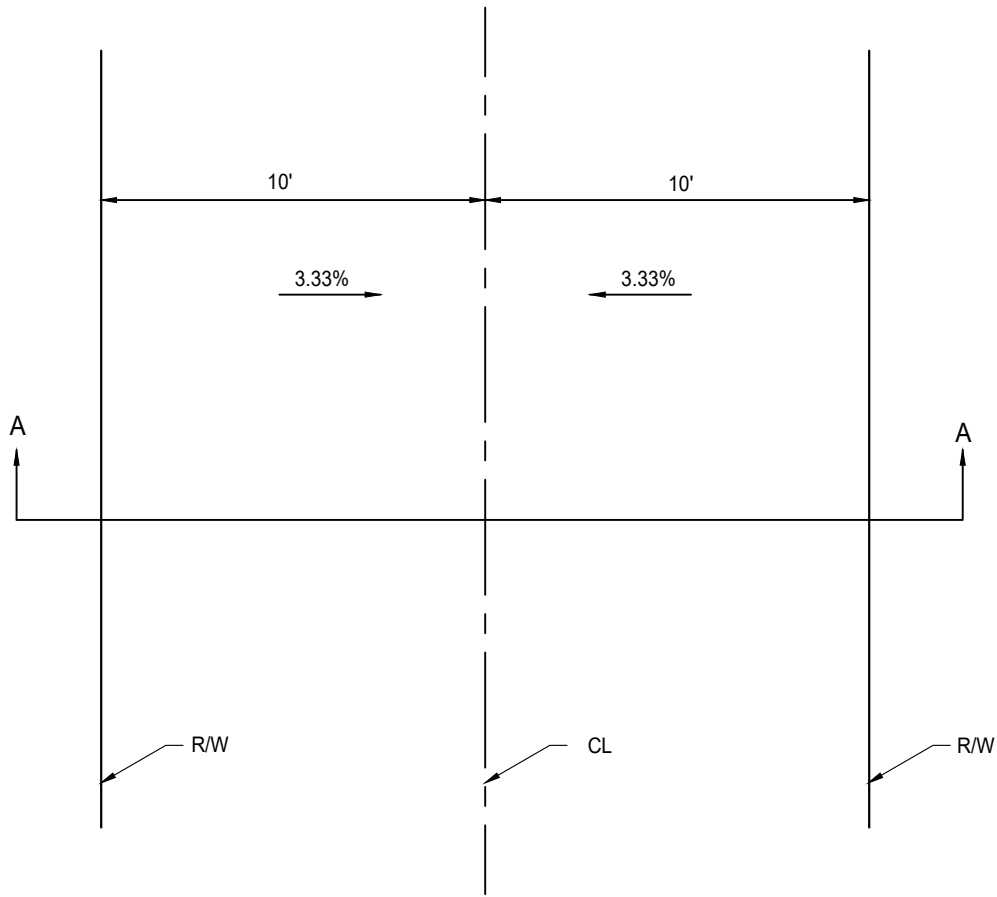
CITY ENGINEER

DATE

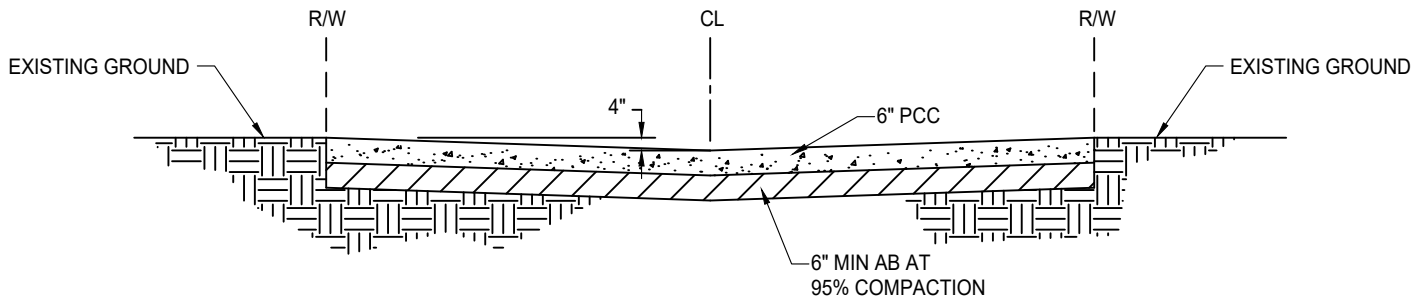


DRAWING NUMBER

T - 9C



PLAN



SECTION A-A

NOTE:

1. OTHER STRUCTURAL SECTIONS MAY BE USED WITH SPECIFIC APPROVAL OF THE DIRECTOR (SEE SECTION 4-5 OF THE IMPROVEMENT STANDARDS).

DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	04-12-2024

CITY OF ELK GROVE - PUBLIC WORKS

**20-FOOT STREET
(PRIVATE ALLEY)**

APPROVED BY:

05-28-2024

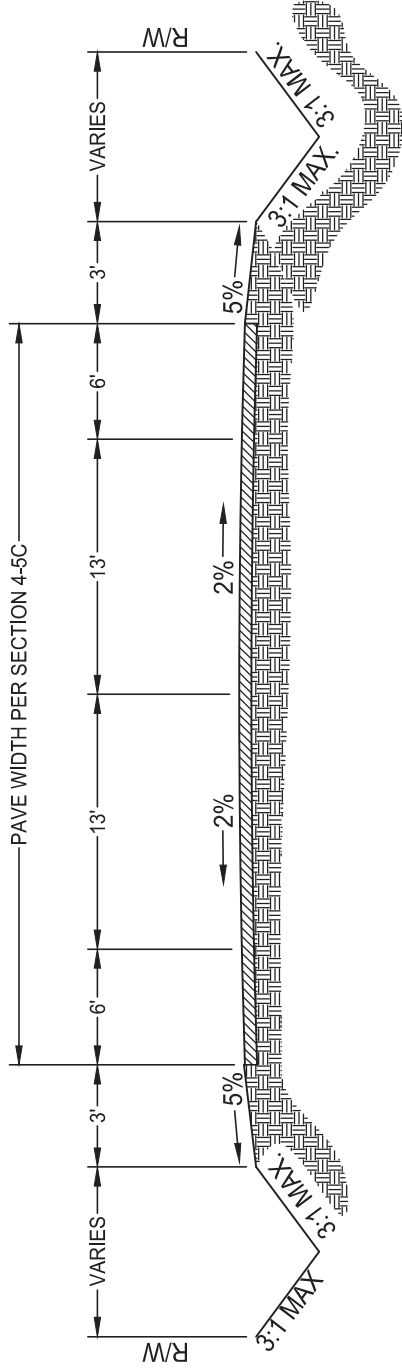
CITY ENGINEER

DATE



DRAWING NUMBER

T - 9D



APPROVED BY: *Paul F. Mudd*
 CITY ENGINEER
 DATE: 10/24/2018

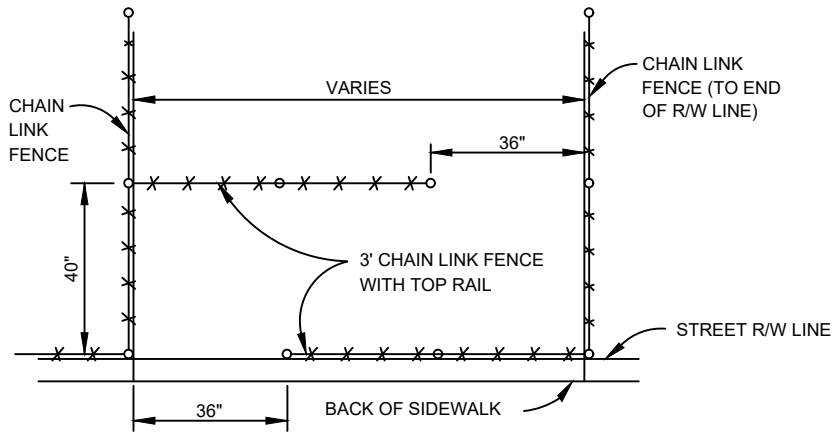
DRAWING NUMBER
T - 10



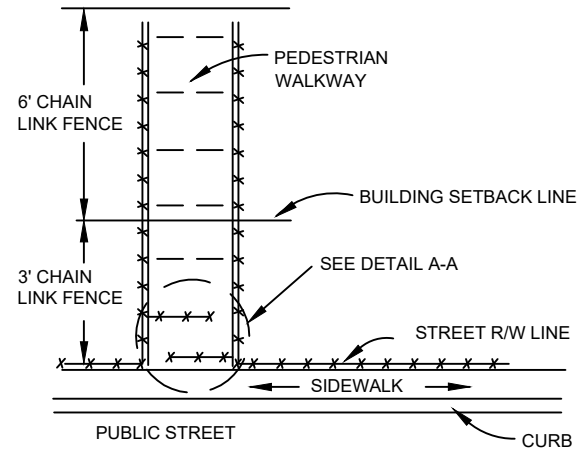
CITY OF ELK GROVE - PUBLIC WORKS

CLASS C STREET CROSS SECTION

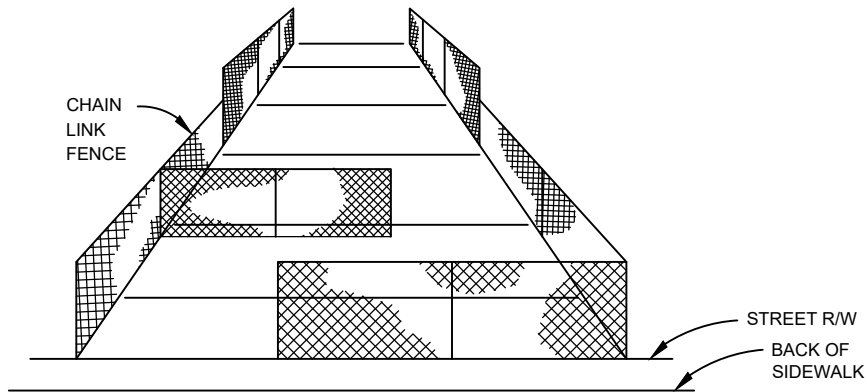
DATE:	NOT TO SCALE	
09/22/2007		
REVISION BY	APPROVED	DATE



DETAIL A-A



PLAN



PICTORIAL VIEW

NOTE:

1. CHAIN LINK FENCING SHALL BE 3 FT. HIGH WITH A 1-1/4" DIAMETER TOP RAIL WITHIN THE BUILDING SETBACK LINE AND 6 FT. HIGH OUTSIDE OF THE BUILDING SETBACK LINE. CHAIN LINK FENCING SHALL BE IN ACCORDANCE WITH SECTION 45 OF THE STANDARD SPECIFICATIONS. STREET LIGHTS SHALL BE PLACED AT BOTH ENDS OF THE PEDESTRIAN LANE.

DATE: 09/22/2007		NOT TO SCALE	
REVISION	BY	APPROVED	DATE

CITY OF ELK GROVE - PUBLIC WORKS

**PEDESTRIAN LANE
WITH
BIKE BARRIER**

APPROVED BY:

Paul Murock

CITY ENGINEER

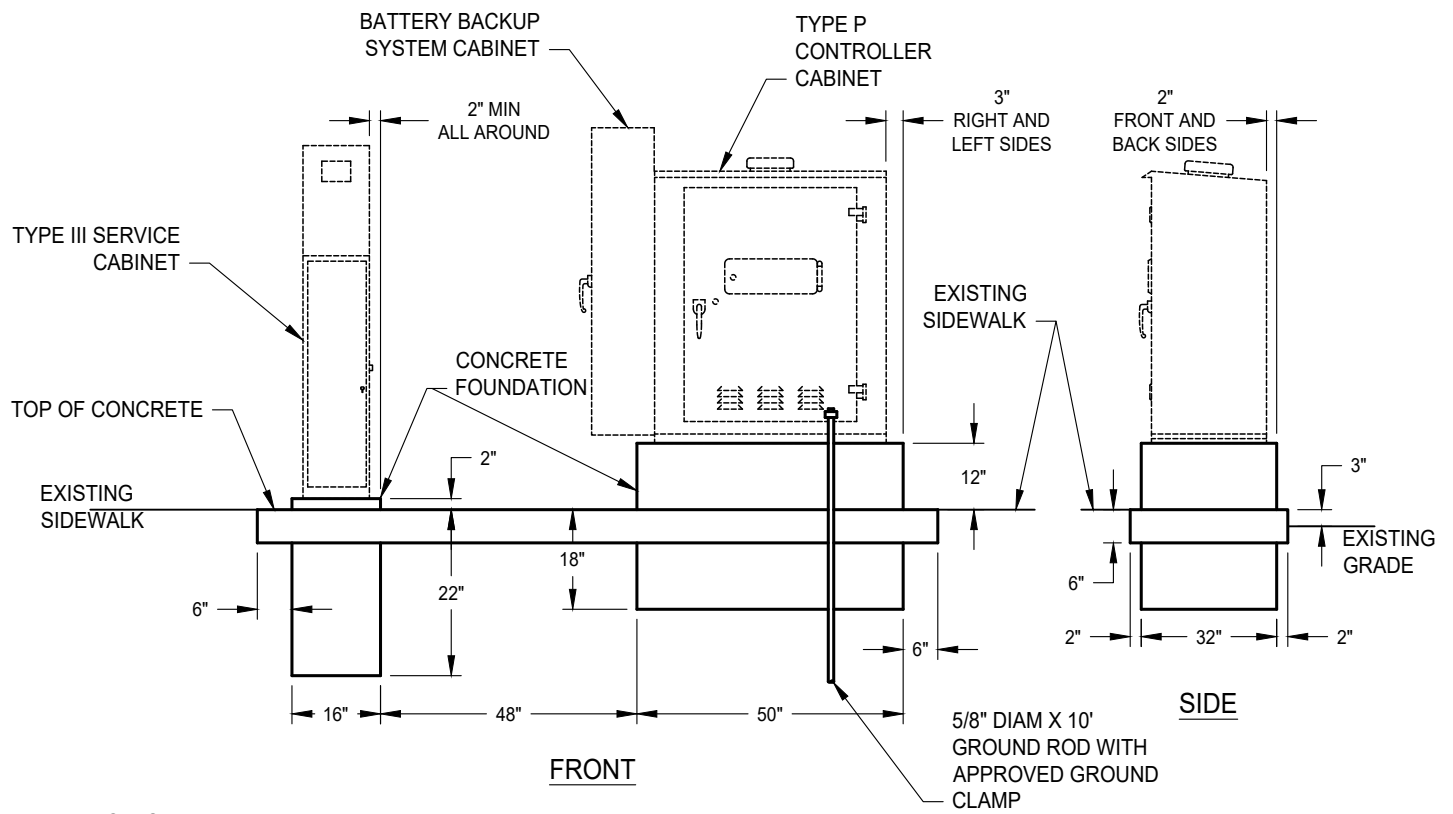
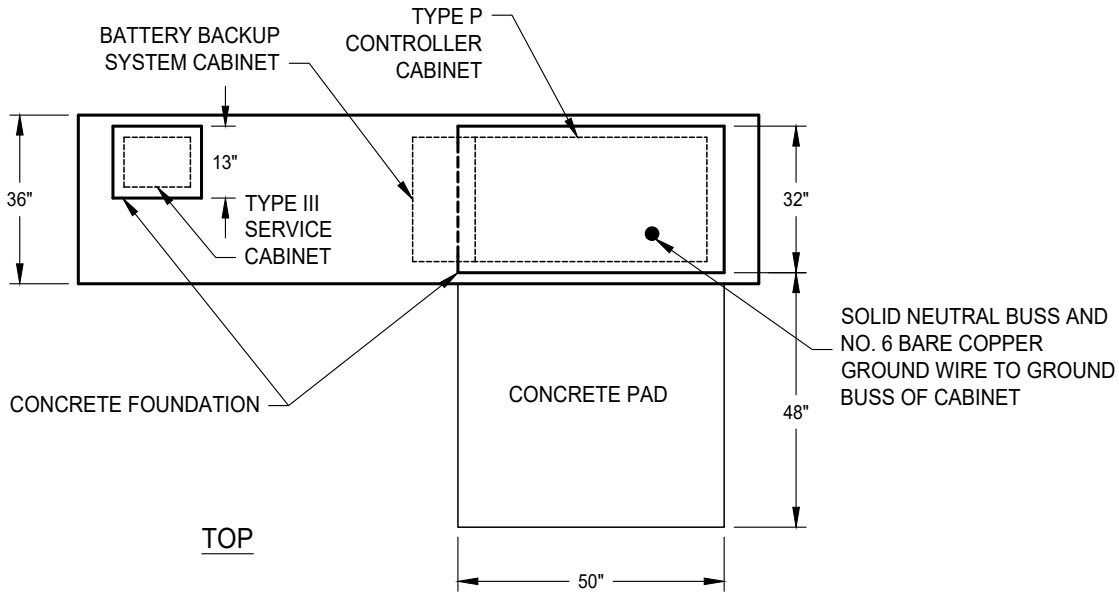
10/24/2018

DATE



DRAWING NUMBER

T - 11



NOTES:

1. SEE STATE STANDARD PLAN ES-2D AND ES-3C FOR STANDARD ANCHOR BOLT PATTERNS AND SIZES.
2. IN UNPAVED AREAS, A RAISED PORTLAND CEMENT PAD SHALL BE CONSTRUCTED IN FRONT OF THE FRONT DOOR OF THE CONTROLLER CABINET (50" W x 48" D x 4" THICK).
3. FRONT DOOR OF THE CONTROLLER CABINET SHALL FACE NORTH OR EAST, WHENEVER FEASIBLE. THE FINAL LOCATION OF THE CONTROLLER CABINET AND SERVICE CABINET SHALL BE APPROVED BY THE CITY ENGINEER.


DATE: 09/22/2017		NOT TO SCALE	
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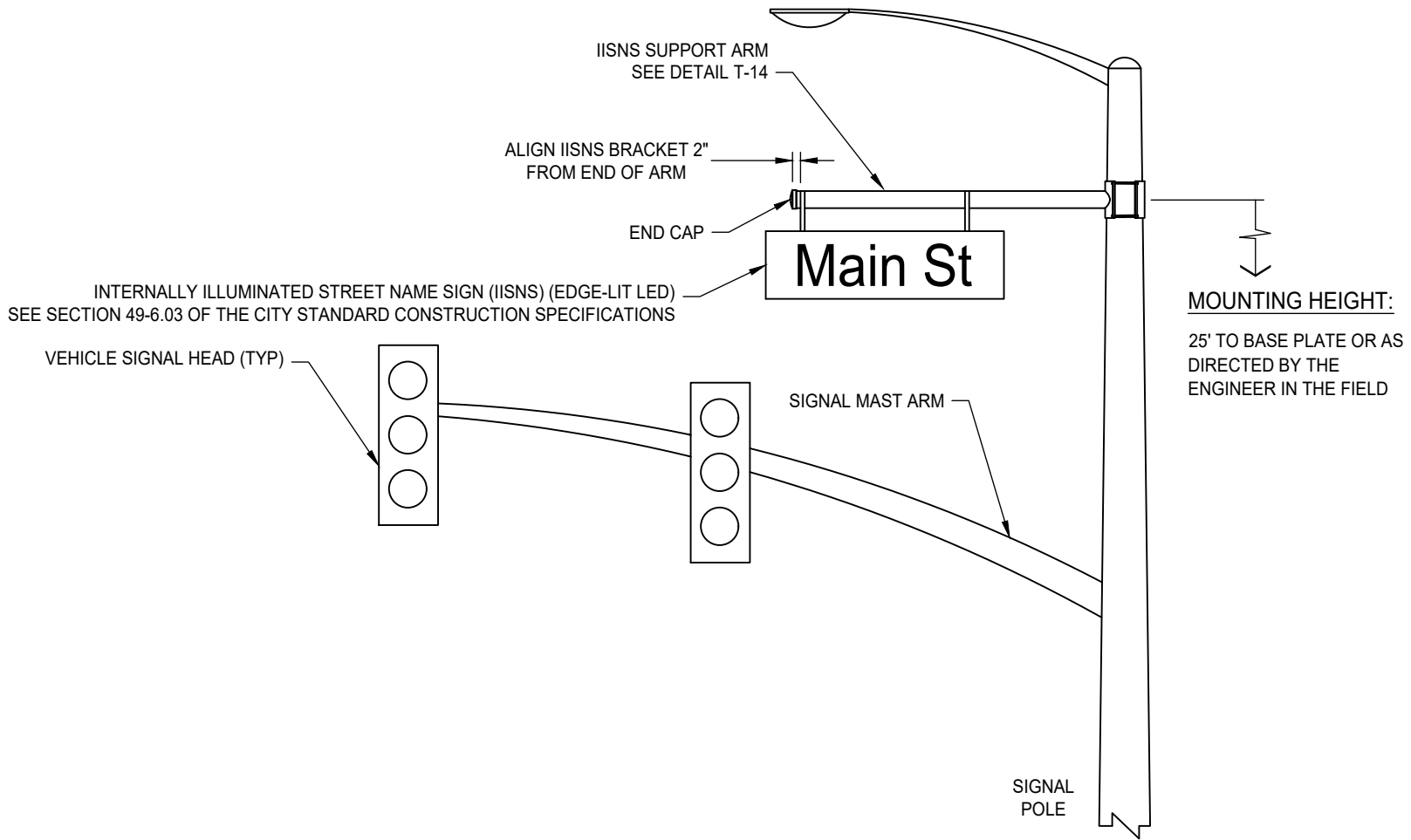
CITY OF ELK GROVE - PUBLIC WORKS

**CONCRETE FOUNDATION FOR
TYPE P CONTROLLER CABINET
AND TYPE III SERVICE CABINET**

APPROVED BY:
Paul Muroch 10/24/2018
CITY ENGINEER DATE

DRAWING NUMBER
T - 12






DATE: 09/22/2007		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	04-12-2024

CITY OF ELK GROVE - PUBLIC WORKS


(EDGE-LIT LED) INTERNALLY ILLUMINATED STREET NAME SIGN

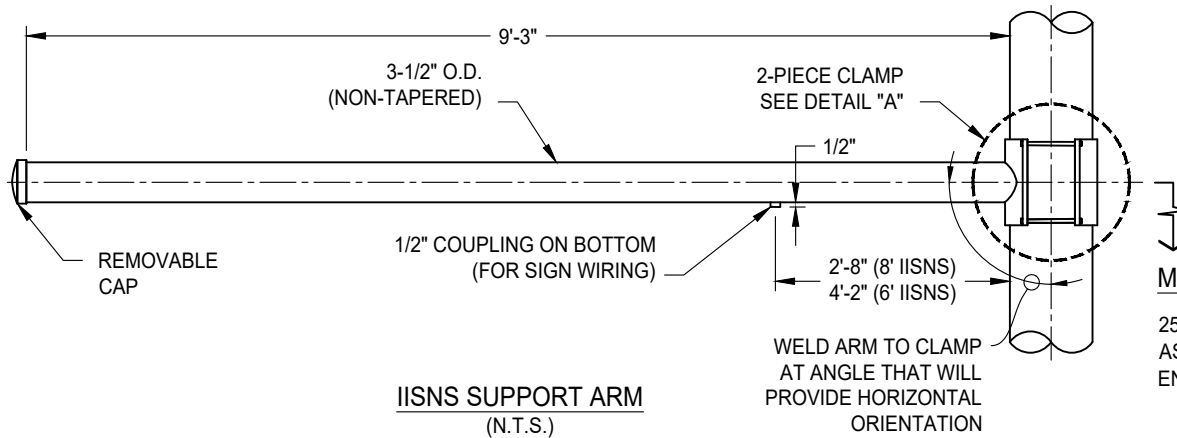
APPROVED BY:  05-28-2024

CITY ENGINEER DATE

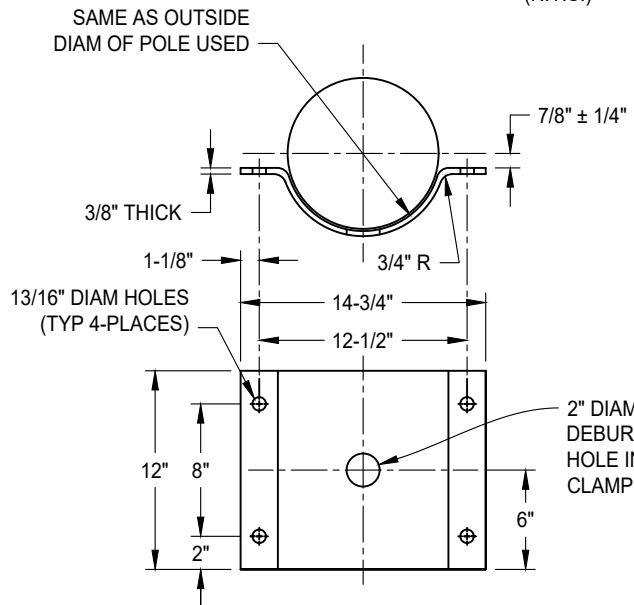
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T - 13

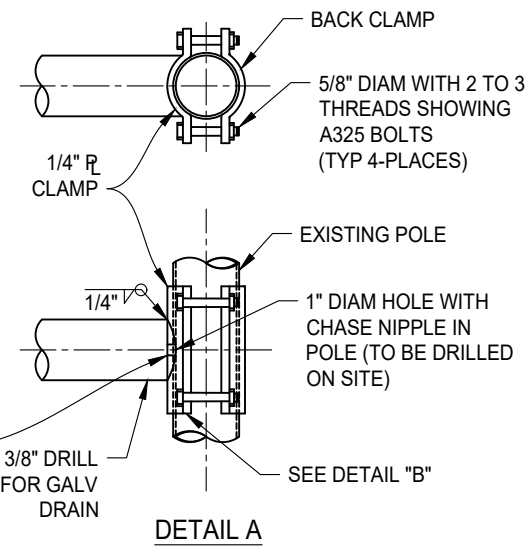




IISNS SUPPORT ARM
(N.T.S.)



DETAIL B



DETAIL A

CLAMP DETAILS
(N.T.S.)

GENERAL NOTES	
MATERIAL SPECIFICATIONS	
SHAFT	STEEL OF 48,000 PSI MINIMUM YIELD AFTER FABRICATION
CLAMP PLATE	ASTM A-572 GR. 50 STEEL
MANUFACTURING PROCESS	
LONGITUDINAL WELDS	ALL WELDS SHALL CONFORM TO AWS D1.1 WELD SPECIFICATION
FINISH COATING	
STRUCTURE	HOT DIP GALVANIZED PER ASTM A-123
HARDWARE	HOT DIP GALVANIZED PER ASTM A-153
DESIGN CRITERIA	
STRUCTURE, HARDWARE, AND WELDING	IN ACCORDANCE WITH THE "SPECIFICATIONS FOR STRUCTURAL SUPPORTS OF HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", AASHTO 1994

DATE 09/22/2007		NOT TO SCALE	
REVISION	BY	APPROVED	DATE

CITY OF ELK GROVE - PUBLIC WORKS

IISNS SUPPORT ARM
TYPICAL CLAMP DETAIL

APPROVED BY:
Robert Muddoch
CITY ENGINEER
10/24/2018
DATE



DRAWING NUMBER

T - 14

CONDUIT SIZING

CONDUCTOR	EQUIVALENT NUMBER OF #14 A.W.G. CONDUCTORS FOR USE IN CONDUIT SIZING
#12 CONDUCTOR	1.2
#10 CONDUCTOR	1.5
#8 CONDUCTOR	2.3
#6 CONDUCTOR	3
#4 CONDUCTOR	4
#2 CONDUCTOR	5.3
#0 CONDUCTOR	11.5
INTERCONNECT CABLE	18
DETECTOR LEAD-IN CABLE	2.5
EMERGENCY VEHICLE DETECTOR CABLE	2

CONDUIT SIZE	2"	2.5"	3"	3.5"	4"
MAXIMUM NUMBER OF #14 A.W.G. CONDUCTORS	31	44	69	91	113

NOTE: MINIMUM SIZE FOR NEW CONDUITS IS 2".

SERVICE WIRE MAXIMUM LENGTHS
FOR TRAFFIC SIGNALS

WIRE SIZE	LENGTH
#0	576'
#2	360'
#4	224'

CIRCUIT BREAKER SIZING

CONDUCTOR SIZE A.W.G.	MAXIMUM CIRCUIT BREAKER AMPERAGE
#2	100
#4	80
#6	50
#8	40
#10	30

NOTE: THE BREAKER SIZE SHALL BE DETERMINED BY THE LOAD REQUIREMENTS. MINIMUM BREAKER SIZE IS 30 AMPS.


DATE: 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	03-28-2024

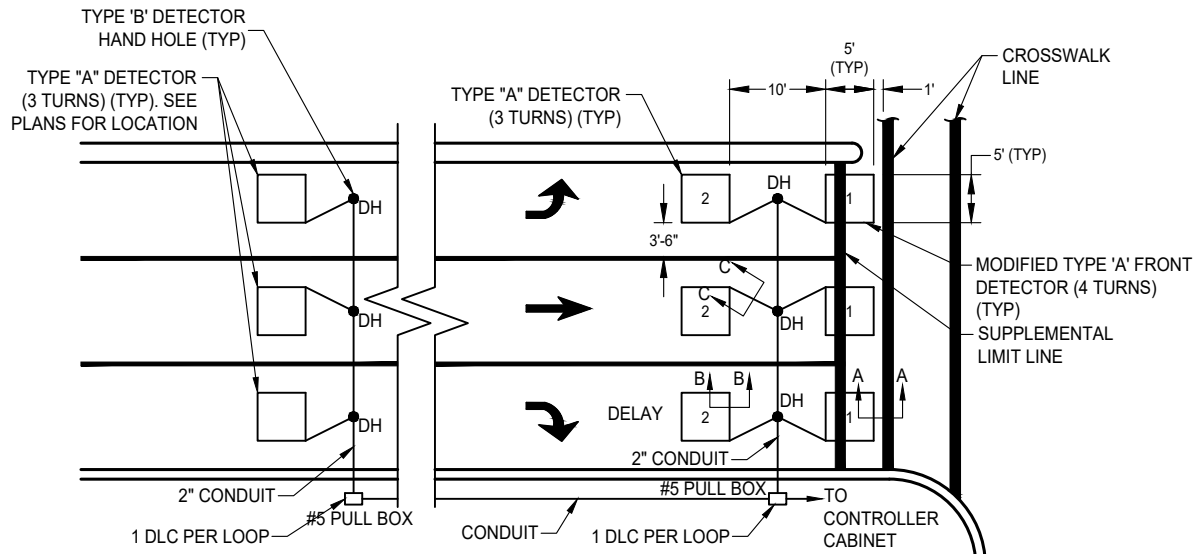
CITY OF ELK GROVE - PUBLIC WORKS

**CONDUIT, SERVICE WIRE
AND BREAKER SIZING**

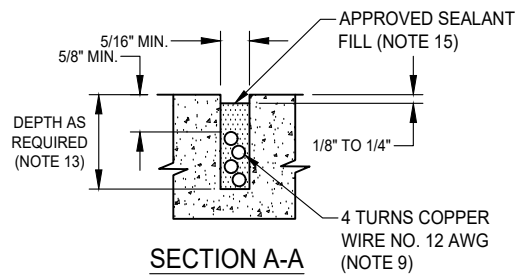
APPROVED BY: _____ 05-28-2024
CITY ENGINEER DATE

DRAWING NUMBER
T - 15

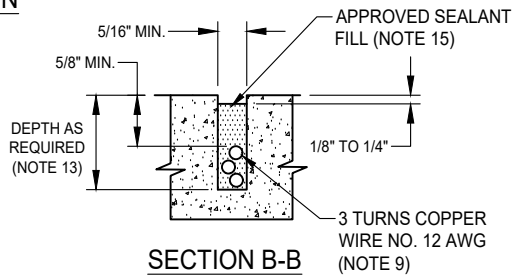




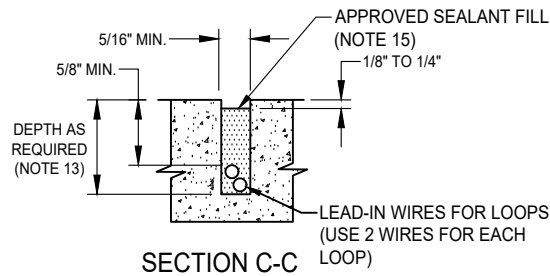
TYPICAL LOOP INSTALLATION



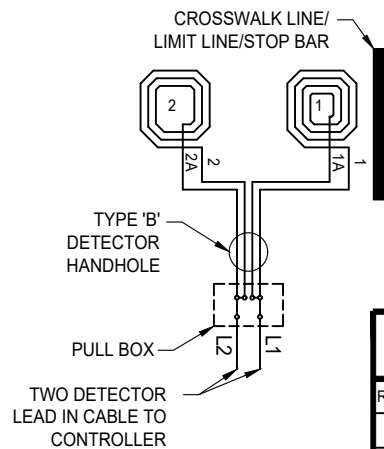
SECTION A-A



SECTION B-B



SECTION C-C



LOOP WINDING AND CONNECTION PATTERNS

LOOP INSTALLATION PROCEDURE

1. ALL LOOP WORK SHALL CONFORM TO THE LATEST VERSION OF SECTION 49-5 "DETECTOR" OF THE CITY OF ELK GROVE STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD DRAWINGS.
2. SEE CURRENT STATE STANDARD PLANS ES-5 SERIES FOR ADDITIONAL DETAILS.
3. THE PLACEMENT OF LOOPS SHALL BE CENTERED IN EACH LANE, WITH THE EXCEPTION OF: LEFT TURN LANE LESS THAN 11' WIDE, THE SEPARATION DISTANCE BETWEEN THE RIGHT EDGE OF EACH LOOP AND THE LANE ON THE RIGHT (THRU LANE) SHOULD BE 3'-6".
4. NEW OR REPLACEMENT LOOP SHALL BE MARKED ON PAVEMENT AND THEIR LOCATION APPROVED BY THE ENGINEER, PRIOR TO PAVEMENT CUTTING.
5. LOOP INSTALLATION SHALL INCLUDE NEW CONDUIT, DETECTOR HANDHOLE (DH) AND DETECTOR LEAD IN CABLE (DLC), UNLESS OTHERWISE NOTED ON THE PLANS.
6. EACH DETECTOR LOOP IN EACH TRAVEL LANE SHALL BE INSTALLED WITH ITS OWN DETECTOR LEAD IN CABLE AND CONNECTED IN CONTROLLER WITH SEPARATE DETECTOR CHANNEL FOR OPERATION, UNLESS OTHERWISE NOTED ON THE PLANS.
7. DETECTOR LEAD IN CABLES SHALL BE CONTINUOUS WITHOUT SPLICES BETWEEN LOOP TERMINATION PULL BOX AND CONTROLLER.
8. LOOP INSTALLATION 250' OR MORE FROM STOP BAR SHALL HAVE 4 TURNS.
9. DETECTOR LOOP CONDUCTOR SHALL BE TYPE RHW-USE NEOPRENE-JACKETED OR TYPE USE CROSSLINKED POLYPROPYLENE INSULATED NO. 12 STRANDED COPPER WIRE. CONDUCTOR INSULATION THICKNESS SHALL BE FORTY (40) MILS MINIMUM.
10. DISTANCE BETWEEN SIDE OF LOOP AND LEAD-IN SAW CUT SHALL BE 1'-0" MINIMUM.
11. LOOPS AND LEAD-IN CUTS SHALL BE LOCATED A MINIMUM OF 2 FEET FROM THE NEAREST EDGE OF MANHOLE COVER OR VALVE BOX.
12. WIDTH OF SAW CUTS SHALL BE 1/4" WIDER THAN THICKNESS OF THE CONDUCTOR.
13. DEPTH OF SAW CUTS SHALL BE SUCH THAT THE MINIMUM SEALANT COVER SHALL BE 1/2" WITH AN ADDITIONAL 1/8" TO 1/4" GAP BETWEEN TOP OF SEALANT AND SURFACE OF PAVEMENT.
14. TEST EACH LOOP CIRCUIT AT CONTROLLER CABINET (OR, IF THESE ARE NOT INSTALLED, TEST AT TERMINATION PULL BOX) BEFORE FILLING SLOTS. PERFORM A RESISTANCE TEST BETWEEN EACH CIRCUIT AND GROUND. INSULATION RESISTANCE SHALL NOT BE LESS THAN 100 MEGA OHMS. TEST EACH LOOP CIRCUIT FOR CONTINUITY. LOOP CIRCUIT RESISTANCE SHALL NOT EXCEED 0.5 OHMS PLUS 0.35 OHMS PER 100 FEET OF LEAD-IN CABLE.
15. SEALANT FOR LOOP DETECTORS SHALL BE 3M 5000 OR APPROVED EQUAL ELASTOMERIC SEALANT.
16. CONDUIT BETWEEN DETECTOR HANDHOLE AND PULL BOX SHALL BE INSTALLED 30" MINIMUM BELOW ROADSIDE DITCH OR SWALE.
17. DETECTOR HANDHOLE (DH) SHALL BE TYPE B (SEE STD DWG T - 17).
18. ANY DAMAGE TO EXISTING LOOPS, DETECTOR HANDHOLE, CONDUIT AND DETECTOR LEAD IN CABLE SHALL BE REPLACED PER THE REQUIREMENTS SET FORTH IN THIS DETAIL.


DATE: 09/22/2007		NOT TO SCALE	
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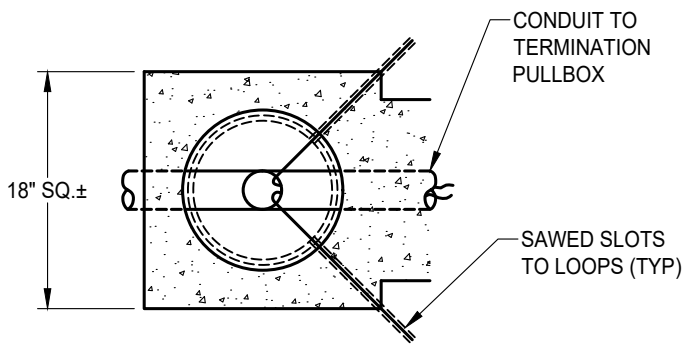
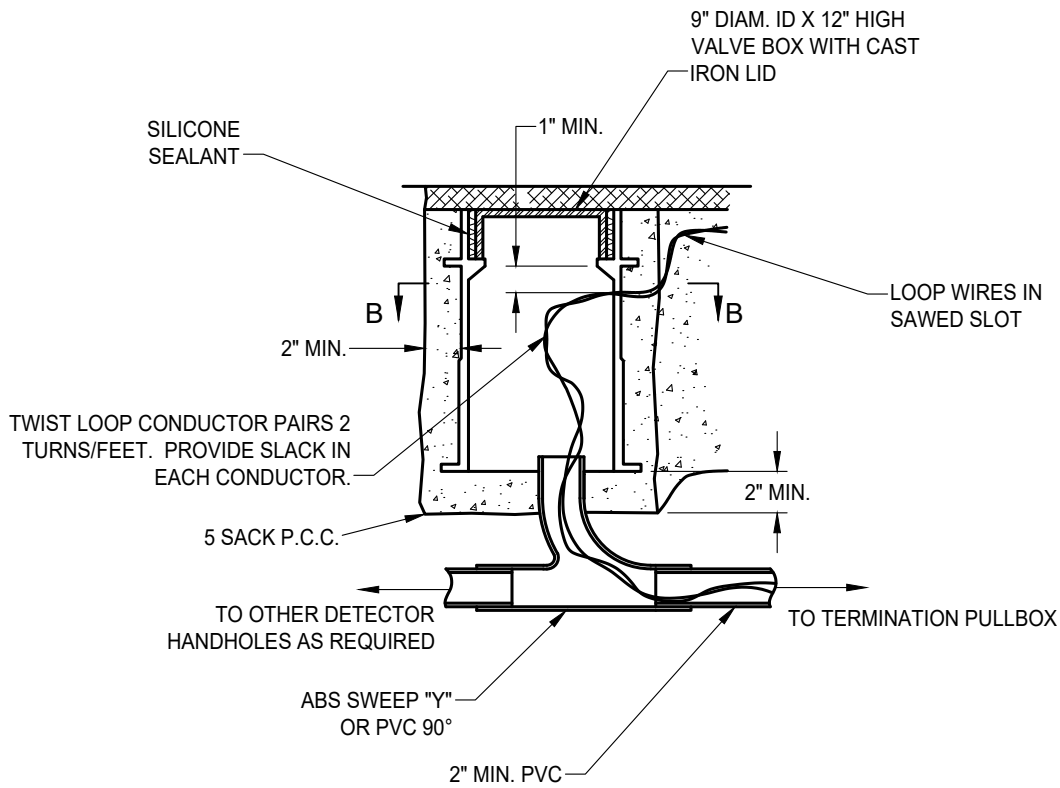
CITY OF ELK GROVE - PUBLIC WORKS

TYPICAL DETECTOR LOOP LAYOUTS

APPROVED BY:
Paul Muddoch 10/24/2018
CITY ENGINEER DATE

DRAWING NUMBER
T - 16





SECTION B-B


INSTALLATION REQUIREMENTS:

1. 18" SQ.± P.C.C. ENCASUREMENT OUTLINE 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 SILICONE SEALANT. VALVE BOX LOCATION SHALL BE AS SHOWN ON THE PLANS.
4. THE EXCAVATION AROUND THE HANDHOLE SHALL BE BACKFILLED WITH 5 SACK P.C.C.
5. THE HANDHOLE SHALL BE PROTECTED WITH COLD PATCH OR OTHER SUITABLE PROTECTION UNTIL PERMANENT A.C. BACKFILL IS PLACED.
6. THE CEMENT USED TO JOIN THE ABS SWEEP "Y" TO THE PVC CONDUIT SHALL BE CAPABLE OF PROVIDING SOLVENT TYPE WELD BETWEEN THE TWO MATERIALS.


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TYPE "B" DETECTOR HANDHOLE DETAIL

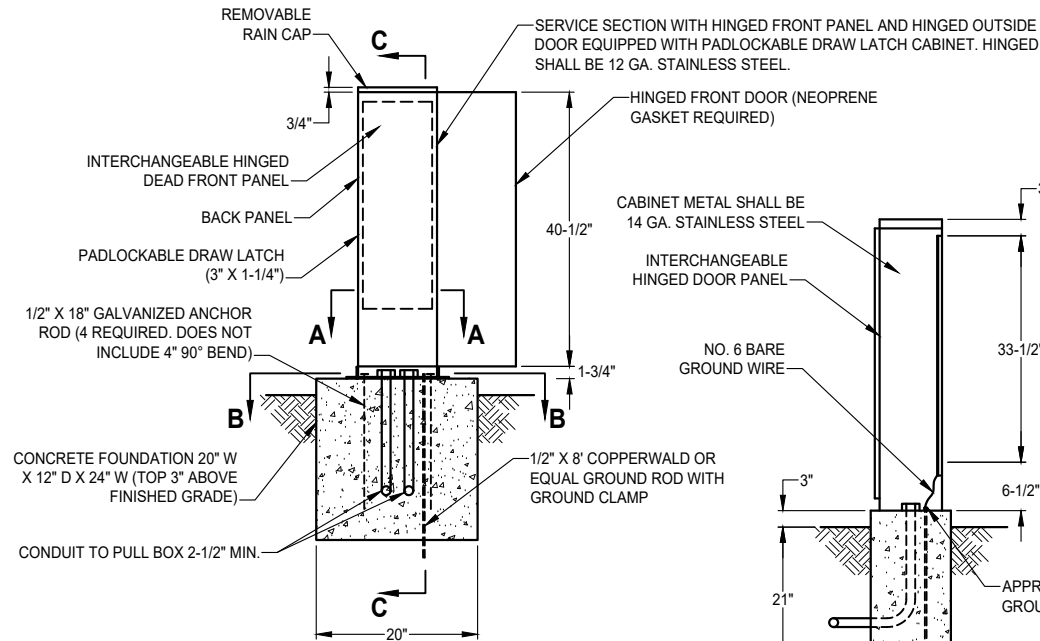
APPROVED BY:

 CITY ENGINEER 10/24/2018
 DATE

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T - 17

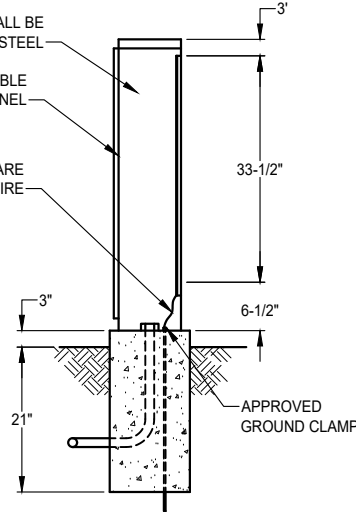


GENERAL INSTALLATION NOTES - ALL CABINETS

1. ALL CABINET DIMENSIONS ARE NOMINAL
2. FOUNDATION SHALL BE LOCATED AS SHOWN ON PLANS. WHERE INSTALLED IN SIDEWALK PLACE AT BACK OF WALK AND PROVIDE 48" MINIMUM CLEARANCE BETWEEN FACE OF CURB AND FRONT OF CABINET.
3. ONE ANCHOR BOLT SHALL BE BONDED TO CONDUIT OR GROUND WIRE.
4. SERVICE CAN, CONTROLLER CABINET, AND TERMINAL CABINET (IF NECESSARY) SHALL BE ON A COMMON FOUNDATION WITH 6" SPACING, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE SERVICE CAN SHALL BE TO THE LEFT OF THE CONTROLLER CABINET SO AS TO NOT BE BLOCKED BY CONTROLLER CABINET DOOR WHEN FULLY OPEN.
5. APPROVED WATERPROOF SEAL TO BE APPLIED TO BASE OF CABINETS AND CONCRETE FOUNDATION.
6. IN UNIMPROVED AREAS A RAISED P.C.C. PAD OF 36" X 30" X 4" SHALL BE PLACED IN FRONT OF EACH CABINET.
7. IN ALL UNPAVED AREAS TOP OF FOUNDATION FOR CABINETS SHALL BE 6" ABOVE SURROUNDING GRADE. IN PAVED AREAS TOP OF FOUNDATION SHALL BE 3" ABOVE PAVED AREA.
8. ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED.
9. ALL CONDUITS SHALL BE BOUNDED TOGETHER IN THE CABINET.
10. LOCATIONS SHOWN FOR EQUIPMENT ARE TYPICAL ONLY.
11. A 1/2" DIAMETER DRAIN HOLE SHALL BE FORMED IN THE CABINET BASE. ALL CABINETS SHALL BE LEVELED SO THAT THE CABINET DOOR WILL OPEN AND CLOSE EASILY.

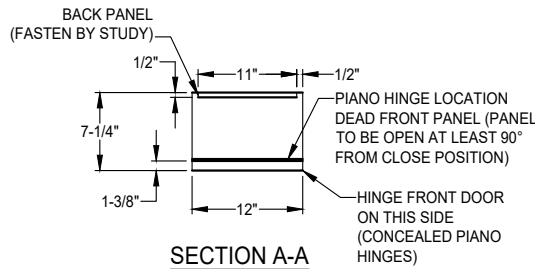


FRONT VIEW

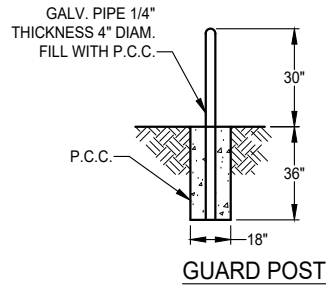


SECTION C-C

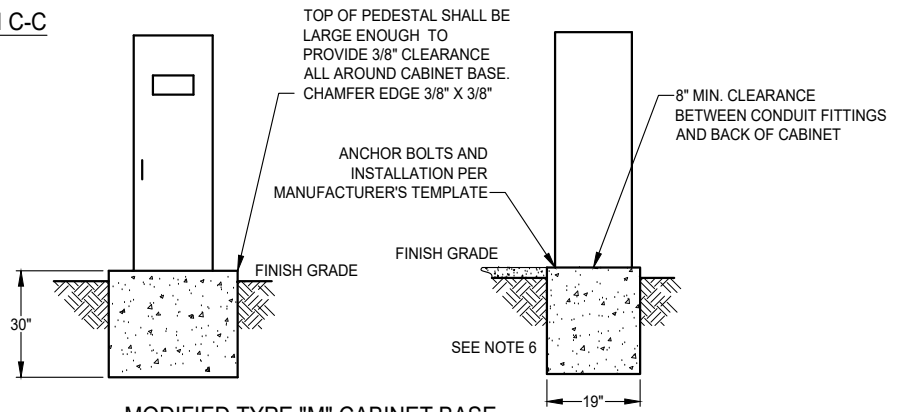
TRAFFIC SIGNAL INTERCONNECT TERMINAL CABINET OR PEDESTRIAN SIGNAL CONTROLLER CABINET



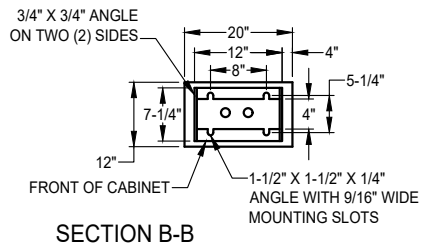
SECTION A-A



GUARD POST



MODIFIED TYPE \"M\" CABINET BASE




SECTION B-B

DATE: 09/22/2007		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	03-28-2024

CITY OF ELK GROVE - PUBLIC WORKS


INTERCONNECT TERMINAL CABINET AND PEDESTRIAN SIGNAL CONTROLLER CABINET DETAILS

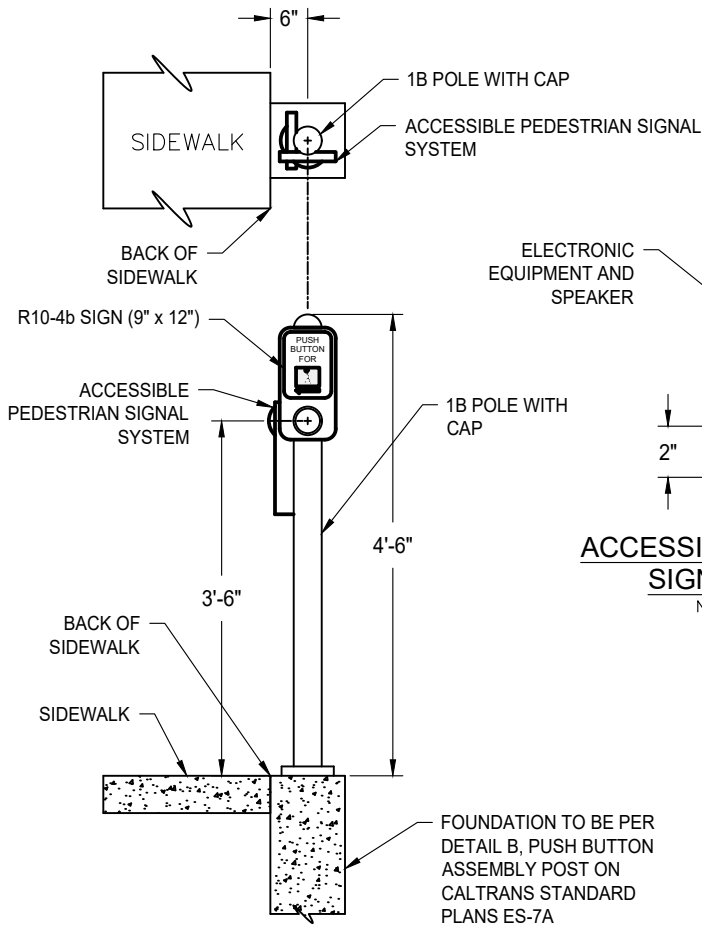
APPROVED BY:  05-28-2024

CITY ENGINEER DATE

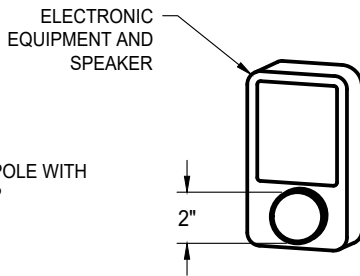
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T - 18

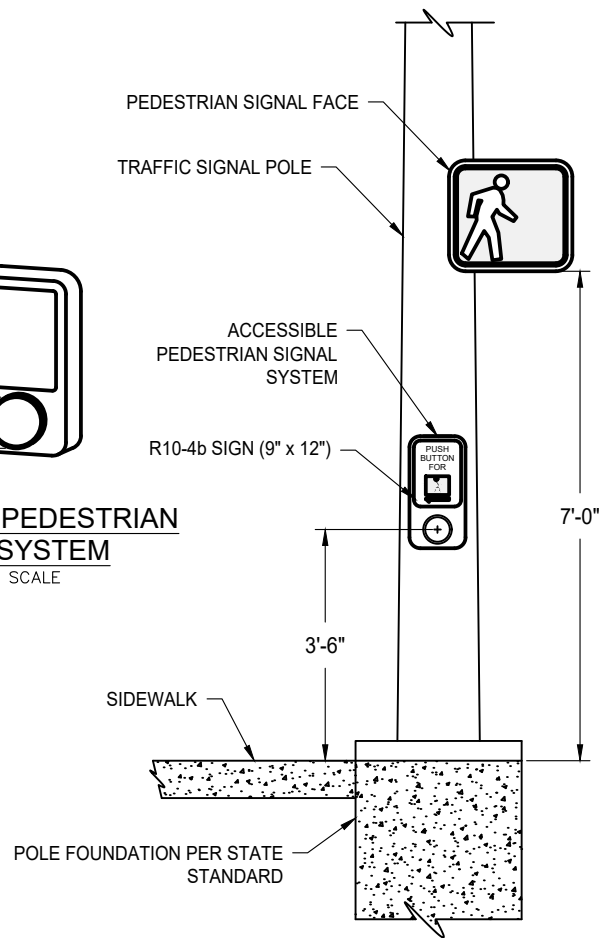




ACCESSIBLE PEDESTRIAN SIGNAL POLE
NOT TO SCALE



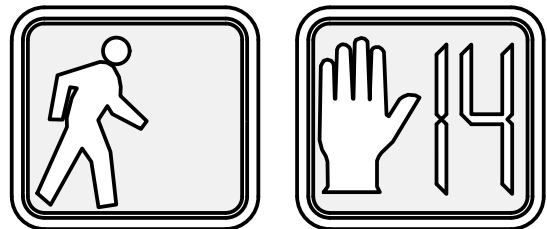
ACCESSIBLE PEDESTRIAN SIGNAL SYSTEM
NOT TO SCALE



COMBINED TRAFFIC SIGNAL AND ACCESSIBLE PEDESTRIAN SIGNAL POLE
NOT TO SCALE

NOTES:

1. ACCESSIBLE PEDESTRIAN SIGNAL SYSTEM SHALL BE POLARA'S NAVIGATOR 2-WIRE SYSTEM OR APPROVED EQUIVALENT.
2. PEDESTRIAN SIGNS SHALL BE METAL AND SHALL CONFORM TO STANDARD SIGN NO. R10-4b (9" x 12") OF THE CALIFORNIA MUTCD.
3. PEDESTRIAN PUSH BUTTON HOUSING SHALL BE EITHER DIE-CAST OR PERMANENT MOLD CAST ALUMINUM.
4. ALL PEDESTRIAN SIGNAL HEADS SHALL BE THE "COUNTDOWN" VARIETY.
5. PEDESTRIAN HEADS SIGNAL DISPLAY SHALL BE LISTED ON THE AUTHORIZED MATERIALS LIST FOR TRAFFIC SIGNAL CABINETS AND COMPONENTS.



PEDESTRIAN SIGNAL FACE
SYMBOL TYPE
NOT TO SCALE

DATE 09/22/2017		NOT TO SCALE	
REVISION	BY	APPROVED	DATE
1	SJB	SMA	03-28-2024

CITY OF ELK GROVE - PUBLIC WORKS

ACCESSIBLE PEDESTRIAN SIGNAL SYSTEM

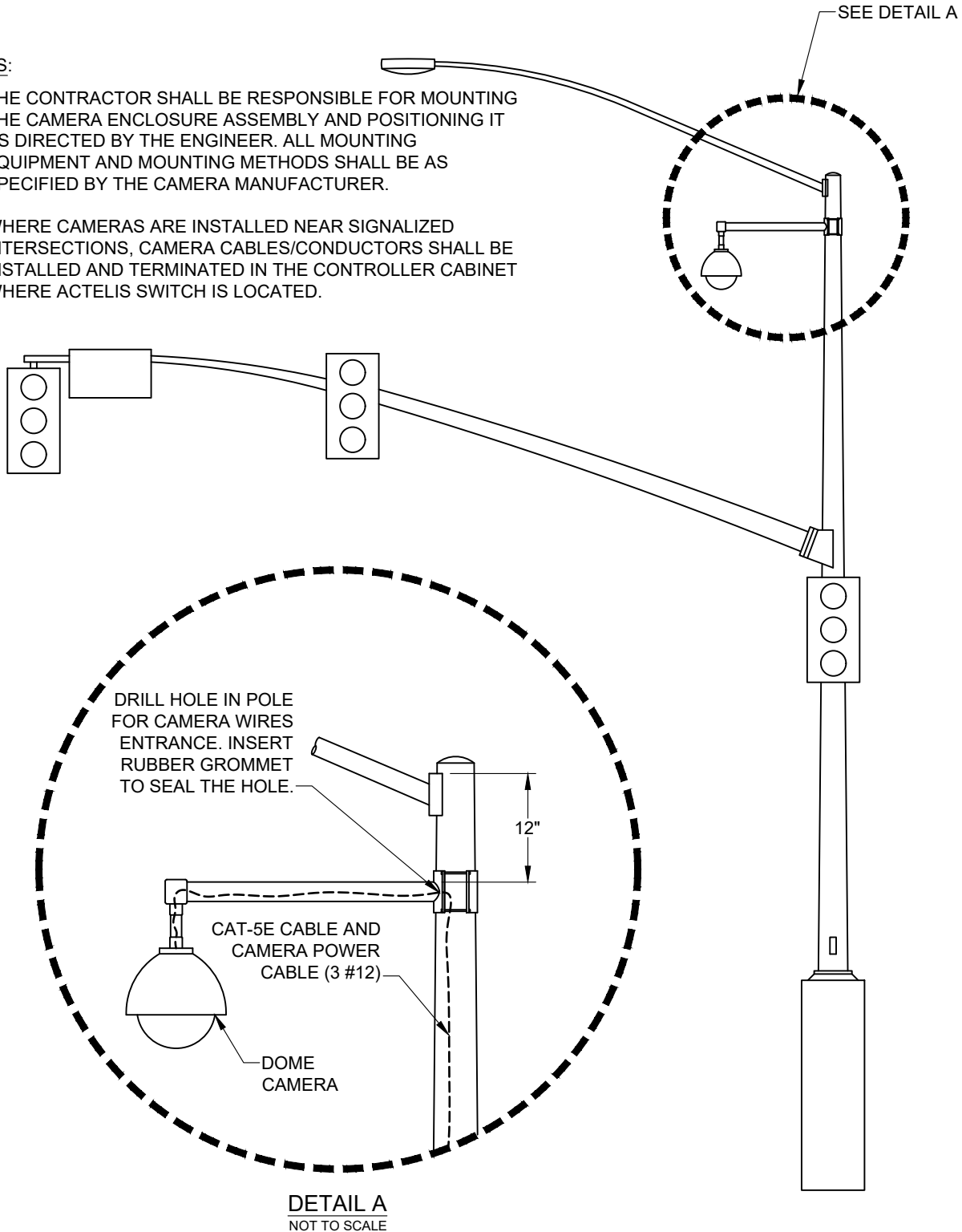
APPROVED BY: _____
05-28-2024
DATE

CITY ENGINEER _____

DRAWING NUMBER
T - 19

NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MOUNTING THE CAMERA ENCLOSURE ASSEMBLY AND POSITIONING IT AS DIRECTED BY THE ENGINEER. ALL MOUNTING EQUIPMENT AND MOUNTING METHODS SHALL BE AS SPECIFIED BY THE CAMERA MANUFACTURER.
2. WHERE CAMERAS ARE INSTALLED NEAR SIGNALIZED INTERSECTIONS, CAMERA CABLES/CONDUCTORS SHALL BE INSTALLED AND TERMINATED IN THE CONTROLLER CABINET WHERE ACTELIS SWITCH IS LOCATED.



DATE 09/22/2017		NOT TO SCALE	
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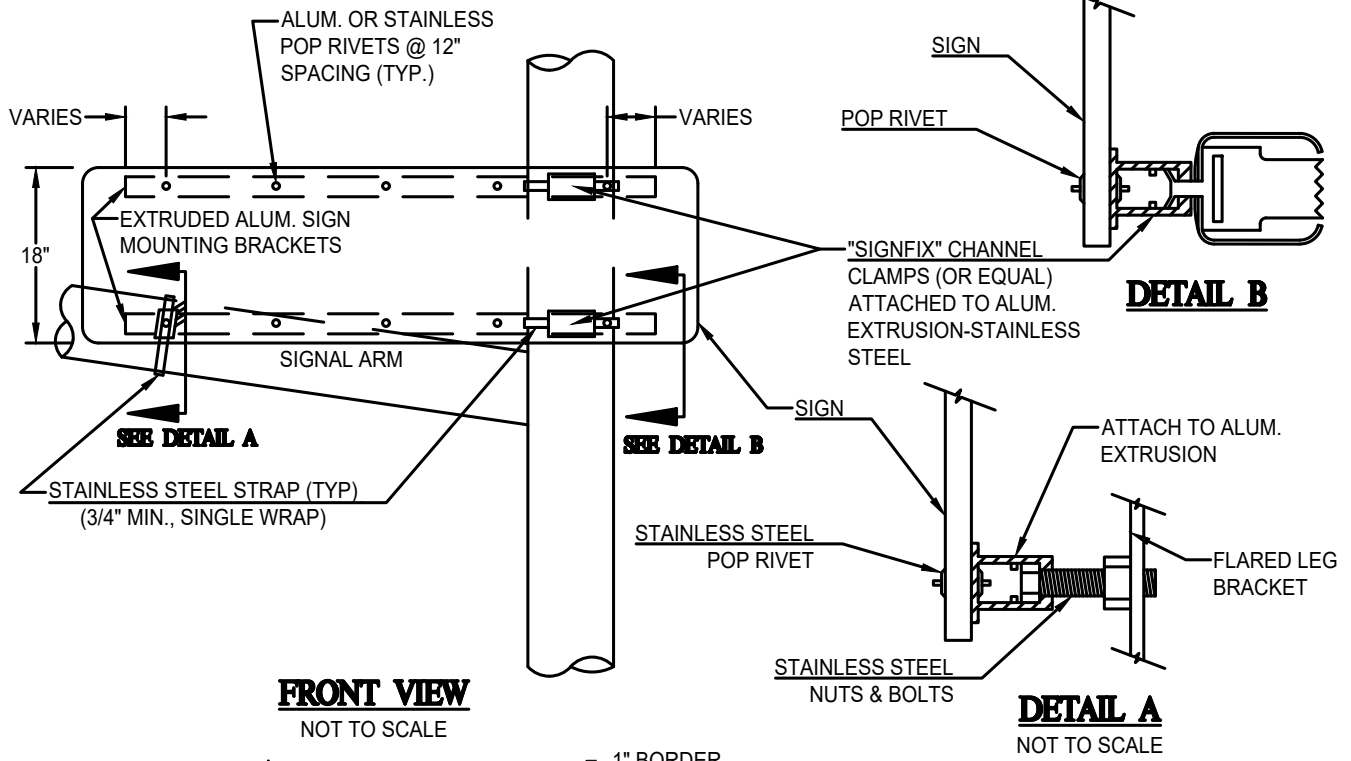
CITY OF ELK GROVE - PUBLIC WORKS

**CCTV IP DOME CAMERA
(SIGNAL POLE MOUNTED)**

APPROVED BY:
Paul M. Muroch
 10/24/2018
 CITY ENGINEER DATE

DRAWING NUMBER

T - 20



FRONT VIEW
NOT TO SCALE

DETAIL A
NOT TO SCALE

DETAIL B



SINGLE-NAME SIGN
NOT TO SCALE



SPECIAL DOUBLE-NAME SIGN
NOT TO SCALE

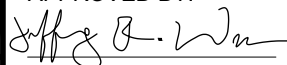
(SEE NOTE NO. 3 ON STD DWG T-21.2)

- * IN THE EVENT THE STREET NAME INCLUDES A LOWER CASE LETTER g, j, p,q, or y, THE TOP AND BOTTOM BUFFER DISTANCES SHALL BE ADJUSTED TO 2.25" AND 5.75", RESPECTIVELY.
- ** IN THE EVENT THE STREET NAME INCLUDES A LOWER CASE LETTER g, j, p,q, or y, THE SPECIAL DOUBLE-NAME SIGN LAYOUT SHALL BE RECONFIGURED AS FOLLOWS: USE AN EIGHT INCH LETTER FOR UPPER CASE LETTERS AND SIX INCH LETTER FOR LOWER CASE LETTERS, REDUCE THE SPACING BETWEEN THE 1" BORDER AND THE WORD TO 1.25", AND CENTER THE WORD VERTICALLY.


DATE 6/21/2021		NOT TO SCALE	
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1	SJB	SMA	02-23-2024

CITY OF ELK GROVE - PUBLIC WORKS

**TRAFFIC SIGNAL MAST ARM
SIGN ASSEMBLY (1 OF 2)**

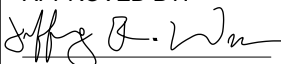

APPROVED BY:

 CITY ENGINEER DATE: 03-12-2024

DRAWING NUMBER
T - 21.1



NOTES FOR TRAFFIC-SIGNAL-ARM SIGN MOUNTING:

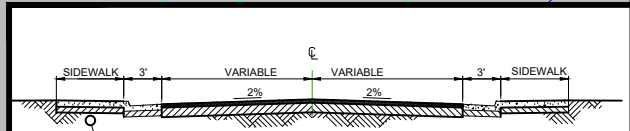
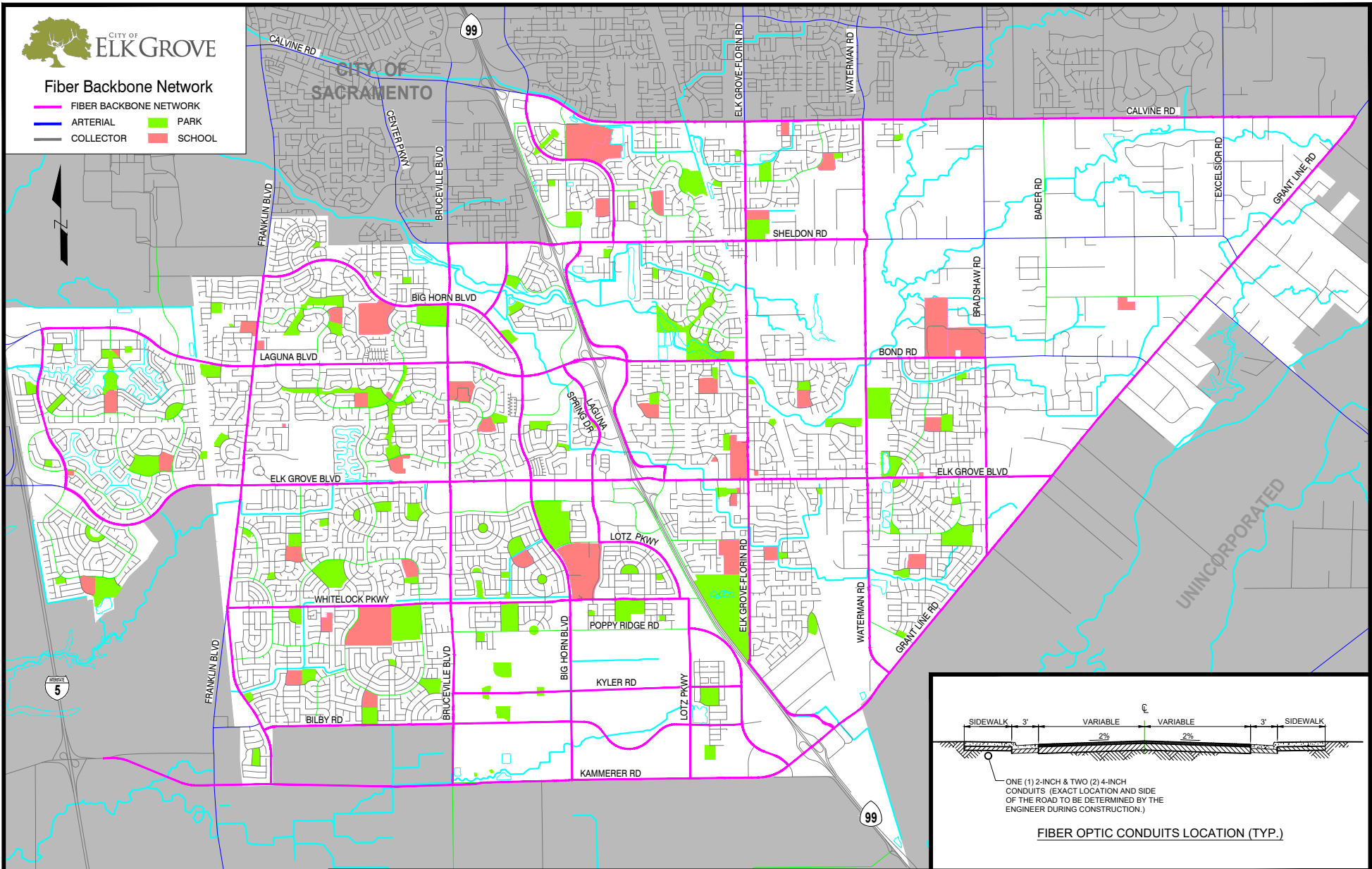
1. ALL MATERIAL FURNISHED SHALL BE RUST RESISTANT. ALL SIGN HARDWARE SHALL BE ALUMINUM AND ANY MOVING PARTS MUST BE MADE OF STAINLESS STEEL TO PREVENT RUSTING.
2. THE SIGN MOUNTING EXTRUDED ALUMINUM MOUNTING BRACKETS SHALL BE EITHER MEDIUM ALUMINUM EXTRUSIONS (SIGNFIX PART NO. SX-073) OR LARGER ALUMINUM EXTRUSIONS (SIGNFIX PART NO. SX-0130). EXTRUDED ALUMINUM MOUNTING BRACKETS MUST BE BY SIGNFIX OR MUST BE DIRECTLY ADAPTABLE TO UNIVERSAL SIGNFIX CHANNEL CLAMPS E.P. (PART NO. SX-0220) OR EQUAL. FLARED LEG MOUNTING BRACKET FOR MOUNTING TO POLE OR MAST ARM SHALL BE HAWKINS PART NO. M2G-FUB OR APPROVED EQUAL. THREADED PORTION OF BRACKET SHALL ACCEPT COURSE THREAD 5/16 INCH ALL-THREAD BOLT.
3. SINGLE STREET NAME SIGN SHALL HAVE NAME AND SUFFIX CENTERED IN SIGN. SIGNS SHALL BE SINGLE FACE AND FABRICATED ON ALUMINUM BLANKS 0.063-INCH THICKNESS. BLANK SHALL BE 18-INCHES IN WIDTH AND VARY IN LENGTH DEPENDING ON THE NUMBER OF LETTERS OF THE STREET (MIN. OF 6-FEET IN LENGTH). SIGN BLANK SHALL HAVE GREEN ELECTROCUT FILM (EC) OVER 3M DIAMOND GRADE. REFLECTIVE VINYL SHEETING. UPPER CASE LETTERS SHALL BE 10-INCHES AND LOWER CASE LETTERS SHALL BE 7.5-INCHES. ALL LETTERS SHALL BE HIGHWAY FRONT "D". SIGN SHALL HAVE 1-INCH WHITE BORDER COVERING THE ENTIRE EDGE OF SIGN BLANK. CORNERS SHALL BE NEATLY ROUNDED TO A 3-INCH RADIUS. THERE SHALL BE 10-INCHES SPACING BETWEEN BOARDER AND SIDES OF STREET NAME. LETTERS SHALL BE SPACED A MIN. OF 1.5 INCHES.
4. VARIOUS STREETS IN THE CITY CHANGE NAMES AT MAJOR INTERSECTIONS. SIGNS THAT DESIGNATE DIFFERENT NAMES SHALL BE MADE AS PER STANDARD DRAWING NO. T-21.1, PAGE 1.
5. ALL SIGNS SHALL BE APPROVED FOR CONFORMANCE BY THE CITY OPERATION AND MAINTENANCE STAFF PRIOR TO INSTALLATION. TO SCHEDULE AN INSPECTION PLEASE CALL (916) 687-3005.

DATE 6/21/2021		NOT TO SCALE		CITY OF ELK GROVE - PUBLIC WORKS		APPROVED BY:  03-12-2024	
REVISION	BY	APPROVED	DATE	TRAFFIC SIGNAL MAST ARM SIGN ASSEMBLY (2 OF 2)		CITY ENGINEER	DATE
1	SJB	SMA	02-23-2024				
						DRAWING NUMBER T - 21.2	



Fiber Backbone Network

- FIBER BACKBONE NETWORK
- ARTERIAL
- PARK
- COLLECTOR
- PARK
- SCHOOL




ONE (1) 2-INCH & TWO (2) 4-INCH CONDUITS (EXACT LOCATION AND SIDE OF THE ROAD TO BE DETERMINED BY THE ENGINEER DURING CONSTRUCTION.)

FIBER OPTIC CONDUITS LOCATION (TYP.)

DATE		NOT TO SCALE	
6/21/2021			
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1	SJB	SMA	03-28-2024

CITY OF ELK GROVE - PUBLIC WORKS

APPROVED BY: 
05-28-2024
CITY ENGINEER DATE

FIBER BACKBONE NETWORK



DRAWING NUMBER
T - 22