

CITY OF GRASS VALLEY
ENGINEERING DIVISION
IMPROVEMENT PLANS FOR

HSIP PEDESTRIAN CROSSINGS IMPROVEMENT PROJECT

PROJECT NO. 21-05

CONSTRUCTION LEGEND:

	STATION LINE
	(E) CURB; DIKE; DRIVEWAY
	(E) WALL
	(E) FENCE
	LOT/ROW LINE
	(E) GAS
	(E) SEWER AND SIZE
	(E) STORM DRAIN AND SIZE
	(E) TELEPHONE
	(E) WATER
	(E) CONTOUR LINES
	DRAINAGE INLET
	FIRE HYDRANT
	WATER METER BOX
	MANHOLE (SS, SD, TEL, ELEC)
	VALVE (GAS, TEL, ARV, WTR)
	GUY POLE
	GUY WIRE
	LIGHT POST
	POLE
	SINGLE POLE SIGN
	MAILBOX
	TREE
	BENCHMARK
	(P) SPOT ELEVATION
	DENOTES STD PLAN NO/DETAIL NO
	CONSTRUCTION KEYNOTE

SHEET INDEX:

1. TITLE SHEET
2. LOCATION AND INDEX MAP
3. LYMAN GILMORE MIDDLE SHCOOL AREA
4. NEVADA UNION HIGH SCHOOL AREA
5. EASTERN GRASS VALLEY
6. GRASS VALLEY CHARTER SCHOOL AREA
7. DETAILS

ABBREVIATIONS:

AB	AGGREGATE BASE	PCC	PORTLAND CEMENT CONCRETE
AC	ASPHALT CONCRETE	P	PROPERTY LINE
C&G	CURB AND GUTTER	P	PROPOSED
CF	CUBIC FOOT	PSI	POUNDS PER SQUARE INCH
CL	CENTERLINE	PUE	PUBLIC UTILITY EASEMENT
CY	CUBIC YARD	PVC	POLYVINYL CHLORIDE
E	ELECTRIC	PVMT	PAVEMENT
(E)	EXISTING	R	RADIUS
ELEV	ELEVATION	RCP	REINFORCED CONCRETE PIPE
EP	EDGE OF PAVEMENT	RW	RETAINING WALL
FL	FLOW LINE	ROW	RIGHT OF WAY
FT	FEET	SD	STORM DRAIN
FTG	FOOTING	SF	SQUARE FOOT
G	GAS	SY	SQUARE YARD
ID	INSIDE DIAMETER	ST	STREET
IE	INVERT ELEVATION	STA	STATION
L	LEFT	STD	STANDARD
LF	LINEAR FOOT	SW	SIDEWALK
MAX	MAXIMUM	SS	SANITARY SEWER
MH	MANHOLE	TBC	TOP BACK OF CURB
MIN	MINIMUM	TBW	TOP BACK OF WALK
MISC	MISCELLANEOUS	TFC	TOP FACE OF CURB
NO	NUMBER	TA	TOP OF ASPHALT
NTS	NOT TO SCALE	TC	TOP OF CURB
OD	OUTSIDE DIAMETER	TP	TELEPHONE POLE
		TS	TRAFFIC SIGNAL
		TYP	TYPICAL

NOTES:

1. THE CONTRACTOR SHALL POSSESS A VALID CALIFORNIA CLASS A CONTRACTORS LICENSE, OR A COMBINATION OF THE FOLLOWING CLASSES, (C8 - CONCRETE CONTRACTOR, C12 - EARTHWORK AND PAVING CONTRACTOR, C31 - CONSTRUCTION ZONE TRAFFIC CONTROL CONTRACTOR, C32 - PARKING AND HIGHWAY IMPROVEMENT CONTRACTOR, C45 - SIGN CONTRACTOR, AND D63 - CONSTRUCTION CLEANUP CONTRACTOR) AT THE TIME OF THE BID AWARD, AND THE LICENSE SHALL REMAIN IN EFFECT THROUGHOUT THE TERM OF THIS CONTRACT.
2. THE CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO LATEST EDITIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLANS, THE IMPROVEMENT STANDARDS AND STANDARD DRAWINGS OF THE CITY OF GRASS VALLEY AND THE CALIFORNIA MUTCD. IN CASE OF CONFLICT, REFER TO THE PROJECT SPECIAL PROVISIONS FOR ORDER OF PRECEDENCE.
3. THE CITY OF GRASS VALLEY HAS MADE EVERY EFFORT TO SHOW LOCATIONS OF ANY AND ALL EXISTING SURFACE AND SUBSURFACE STRUCTURES. HOWEVER, ACTUAL FIELD CONDITIONS AND LOCATIONS CAN VARY CONSIDERABLY FROM PLAN LOCATIONS. THEREFORE, THE CITY OF GRASS VALLEY CANNOT, AND DOES NOT, ASSUME RESPONSIBILITY OF THE EXISTENCE OR LOCATION OF ANY STRUCTURE SUCH AS, BUT NOT LIMITED TO, UTILITIES, PIPELINES AND SEWERS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY THIS INFORMATION PRIOR TO AND DURING CONSTRUCTION OF IMPROVEMENTS SHOWN HEREON, AND TO CONTACT THE ENGINEER IN THE EVENT OF ANY SIGNIFICANT DISCREPANCY.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF, AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-227-2600) AT LEAST TWO WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION.

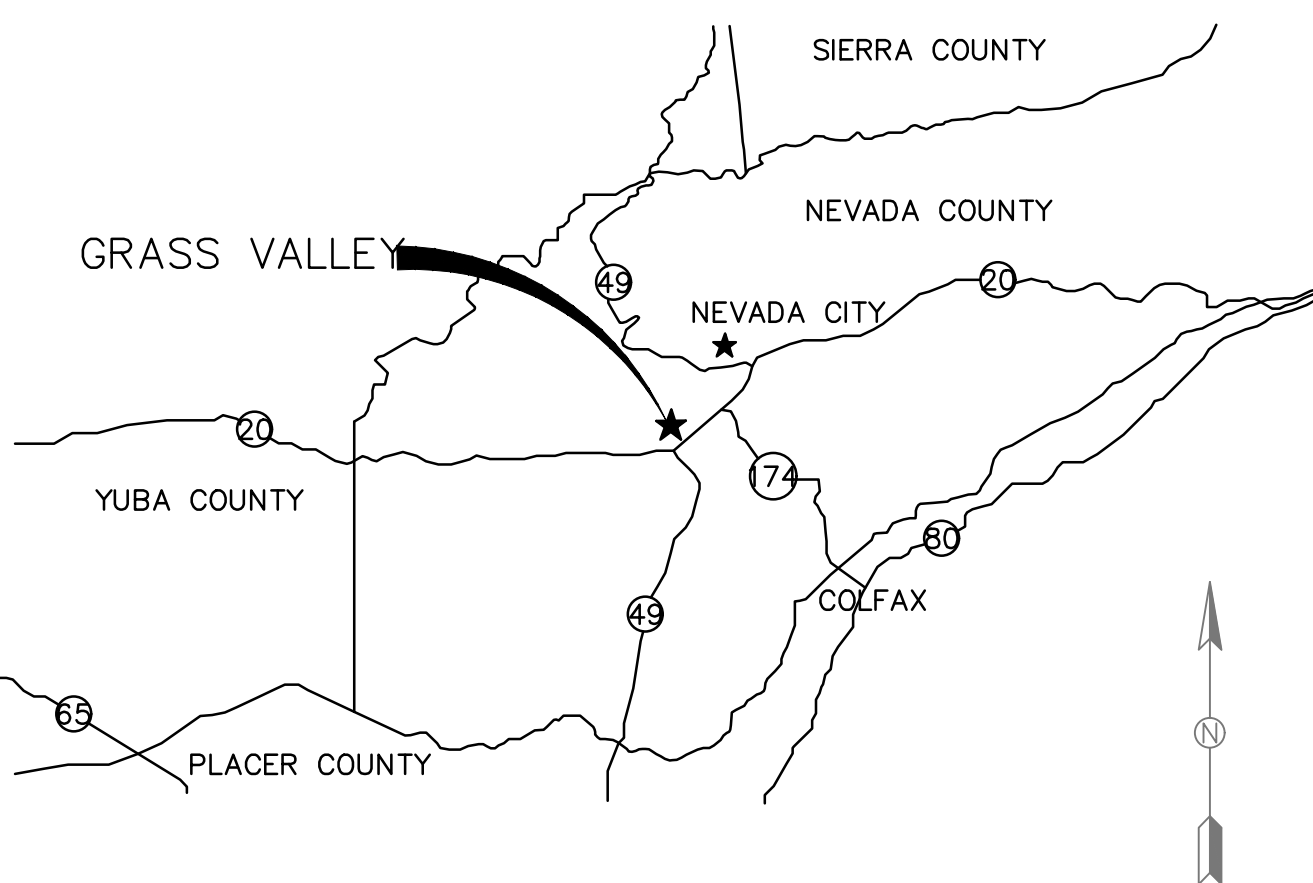
RECORD DRAWINGS NOTE:

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN AND ARE BASED UPON FIELD OBSERVATIONS MADE UNDER THE DIRECTION OF OR BY THE UNDERSIGNED AND/OR INFORMATION RECEIVED FROM THE CITY CONSTRUCTION INSPECTOR, PROJECT CONTRACTORS AND OTHER SOURCES WHEN THE ENGINEER IS ADVISED IN WRITING OF SUCH ADJUSTMENTS. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, CHANGES TO THESE PLANS NOT AUTHORIZED BY THE ENGINEER. ADJUSTMENTS MADE IN THE FIELD WERE NOT SURVEYED AND THE ACCURACY OF THESE DRAWINGS WITH RESPECT TO THOSE ADJUSTMENTS IS NOT GUARANTEED BY THE ENGINEER OR THE CITY OF GRASS VALLEY; FIELD VERIFICATION OF ALL IMPROVEMENTS IS RECOMMENDED.

DATE _____ ENGINEER SIGNATURE _____
(STAMP OR SEAL)

"APPROVED BY THE CITY COUNCIL OF THE CITY OF GRASS VALLEY THE 23RD DAY OF NOVEMBER 2021."	
CITY CLERK	
CITY ENGINEER	
75878	11/14/23
R.C.E.	DATE

NOTE:
THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



VICINITY MAP
NO SCALE



CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 1-800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING EXCAVATION.

UTILITY/EMERGENCY CONTACTS:

SEWER/WATER/ STORM DRAIN:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945	530-274-4350
FIRE PROTECTION:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945	530-274-4370
ELECTRICITY/GAS:	PG&E 788 TAYLORVILLE RD GRASS VALLEY, CA 95945	530-477-3260
TELEVISION:	COMCAST 427 EATON RD CHICO, CA 95973	530-790-3369
PHONE:	AT&T 3545 EARHART AVE ROCKLIN, CA 95765	916-484-2388
WATER:	NID 1036 W MAIN ST GRASS VALLEY, CA 95945	530-273-6185

REVISIONS

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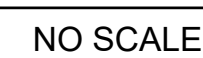


PROJECT NUMBER:
21-05

CITY OF GRASS VALLEY ENGINEERING DIVISION
**HSIP PEDESTRIAN CROSSINGS
IMPROVEMENT PROJECT**
TITLE SHEET



DRAWN BY:	DATE:
EMA	OCTOBER 2023
CHECKED BY:	DATE:
BPJ	OCTOBER 2023
DRAWING NUMBER:	
2176	
SHEET NUMBER:	
1 OF 7	



1. WEST MAIN STREET AT GILMORE WAY
2. WEST MAIN STREET AT CARPENTER STREET
3. WEST MAIN STREET AT ALTA STREET

4. RIDGE ROAD AT VENTANA SIERRA
5. HUGHES ROAD AT LIDSTER AVENUE

6. SUTTON WAY AT OLYMPIA GARDEN APARTMENTS
7. EAST MAIN STREET AT SCANDLING AVENUE
8. EAST MAIN STREET AT EUREKA STREET

9. COLFAX AVE. AT OAK ST
10. RACE STREET AT LUCAS LANE

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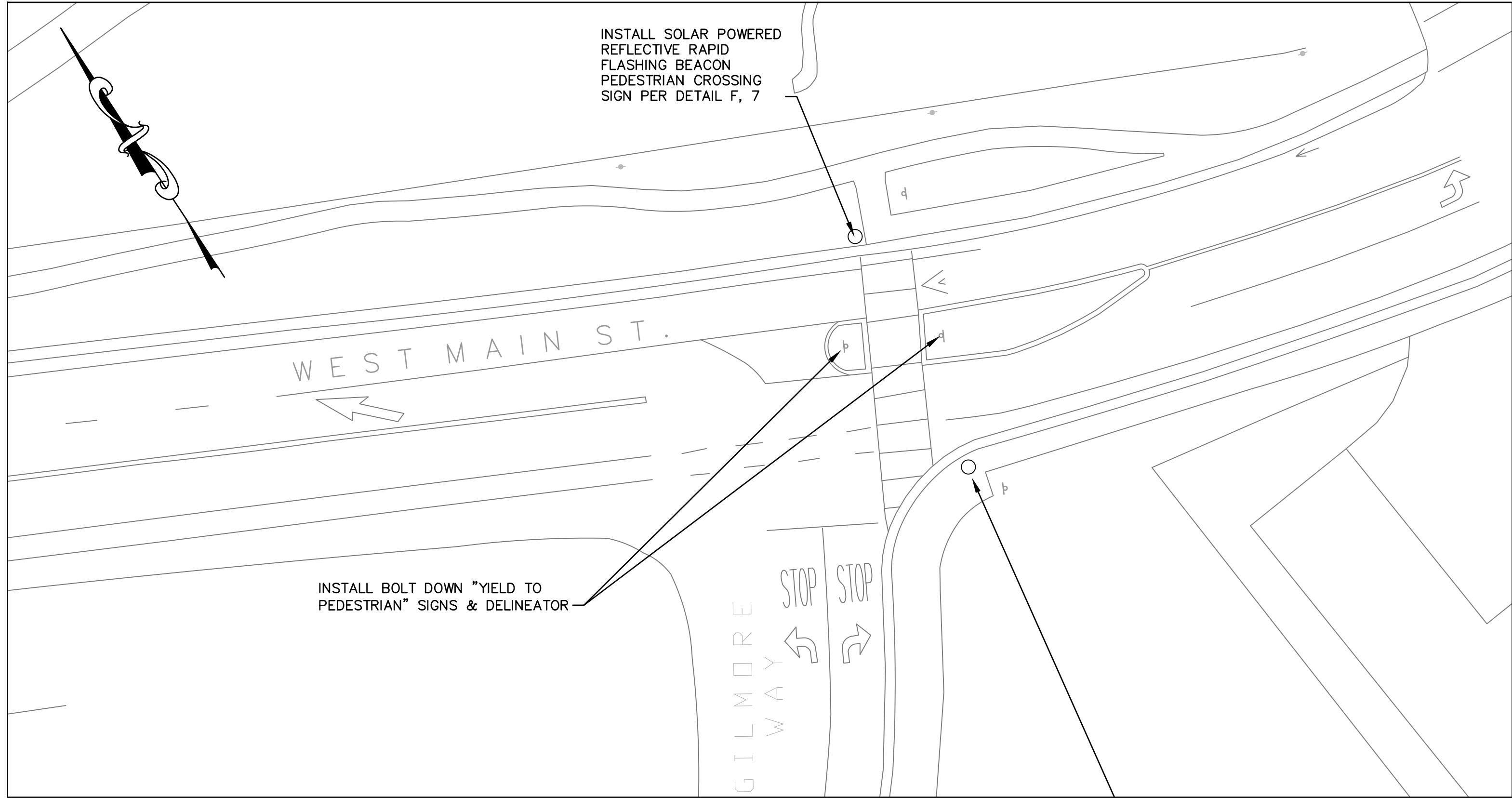


21-05

CHECKED BY: *BPJ* DATE: *OCTOBER 2023*

2176

2 OF 7



WEST MAIN ST & GILMORE WAY

1" = 20'

INSTALL SOLAR POWERED
REFLECTIVE RAPID
FLASHING BEACON
PEDESTRIAN CROSSING
SIGN PER DETAIL F, 7




GENERAL NOTES

1. CURB RAMP LAYOUTS SHOWN ARE APPROXIMATE AND ALL IMPROVEMENTS ARE TO BE STAKED OR LAID OUT BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER. ADJUSTMENTS MAY BE NECESSARY IN THE FIELD TO MATCH EXISTING CONDITIONS AND MAINTAIN NECESSARY CLEARANCES AND SLOPES.
2. ALL SIDEWALK CROSS-SLOPES TO BE 1% MIN, 2% MAX UNLESS OTHERWISE SPECIFIED ON PLANS OR BY APPROVED THE ENGINEER.
3. MAX LONGITUDINAL SLOPE TO BE 8.3% UNLESS OTHERWISE APPROVED BY THE ENGINEER DUE TO EXISTING TERRAIN LIMITATIONS.
4. PAVEMENT AND GUTTER PAN SLOPE MAX 5% WITHIN 4' OF BOTTOM OF RAMP.
5. TRANSITION FROM CURB RAMP TO GUTTER TO BE FLUSH AND FREE OF ABRUPT CHANGES.
6. ALL FORMWORK TO BE VERIFIED BY THE ENGINEER PRIOR TO POURING CONCRETE.
7. ALL DISTURBED SURFACES TO REMAIN EXPOSED SHALL BE COVERED WITH MIN 2" STRAW OR AS APPROVED BY THE ENGINEER.
8. NEW SIDEWALK TO MATCH WITH EXISTING AT LIMITS OF CONSTRUCTION. PROVIDE ASPHALT EXPANSION FELT AT ALL JOINTS OF NEW TO EXISTING AND DOWEL WITH 12" #4 REBAR SET 6" DEEP.
9. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION.
10. AC STRUCTURAL SECTION REPLACEMENT LOCATIONS SHOWN ARE APPROXIMATE ONLY. EXACT LOCATIONS TO BE MARKED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO GRINDING.
11. RRFB LOCATIONS TO BE VERIFIED BY THE ENGINEER

STRIPING/MARKING NOTES

1. ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 8, 21, 27B, AND 31 SHALL BE 4" IN WIDTH.
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LEGEND

-  DEMOLITION OF EXISTING AC OR SIDEWALK/CURB RAMP AND INSTALLATION OF CURB RAMP PER DETAILS A-C, SHEET 7
-  3' X 5' DETECTABLE WARNING SURFACE PER CALTRANS STANDARD PLANS A88A
-  HMA (4" PATCH PAVE / CROSSWALK OVERLAY)



WEST MAIN ST FROM CARPENTER TO ALTA

1" = 20'

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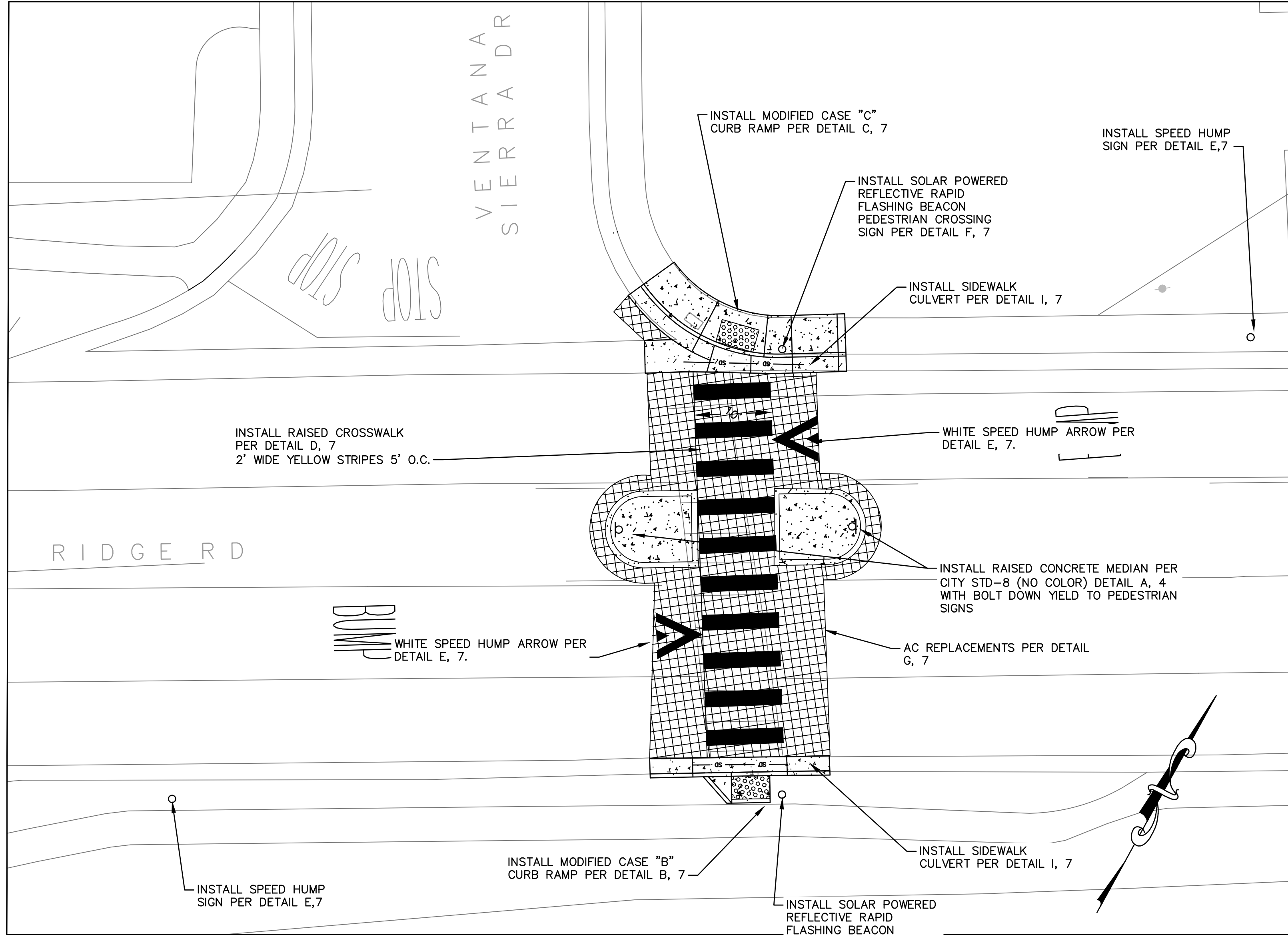


PROJECT NUMBER:
21-05

CITY OF GRASS VALLEY ENGINEERING DIVISION
**HSIP PEDESTRIAN CROSSINGS
IMPROVEMENT PROJECT**
LYMAN GILMORE MIDDLE SCHOOL AREA

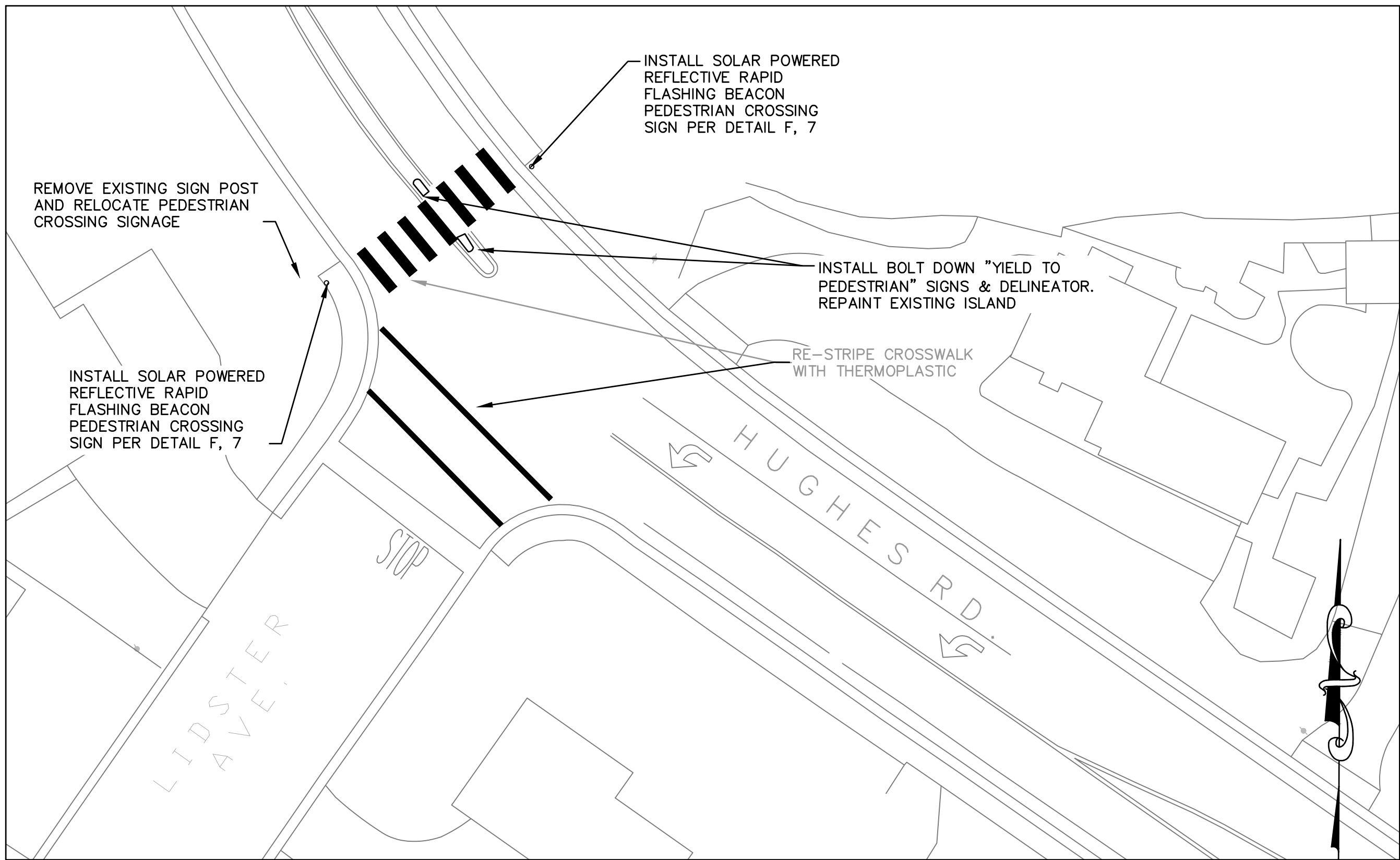


DRAWN BY: EMA	DATE: OCTOBER 2023
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SHEET NUMBER: 3 OF 7	



RIDGE ROAD AT VENTANA SIERRA

1" = 10'



HUGHES RD. AT LIDSTER AVE.

1" = 20'

GENERAL NOTES

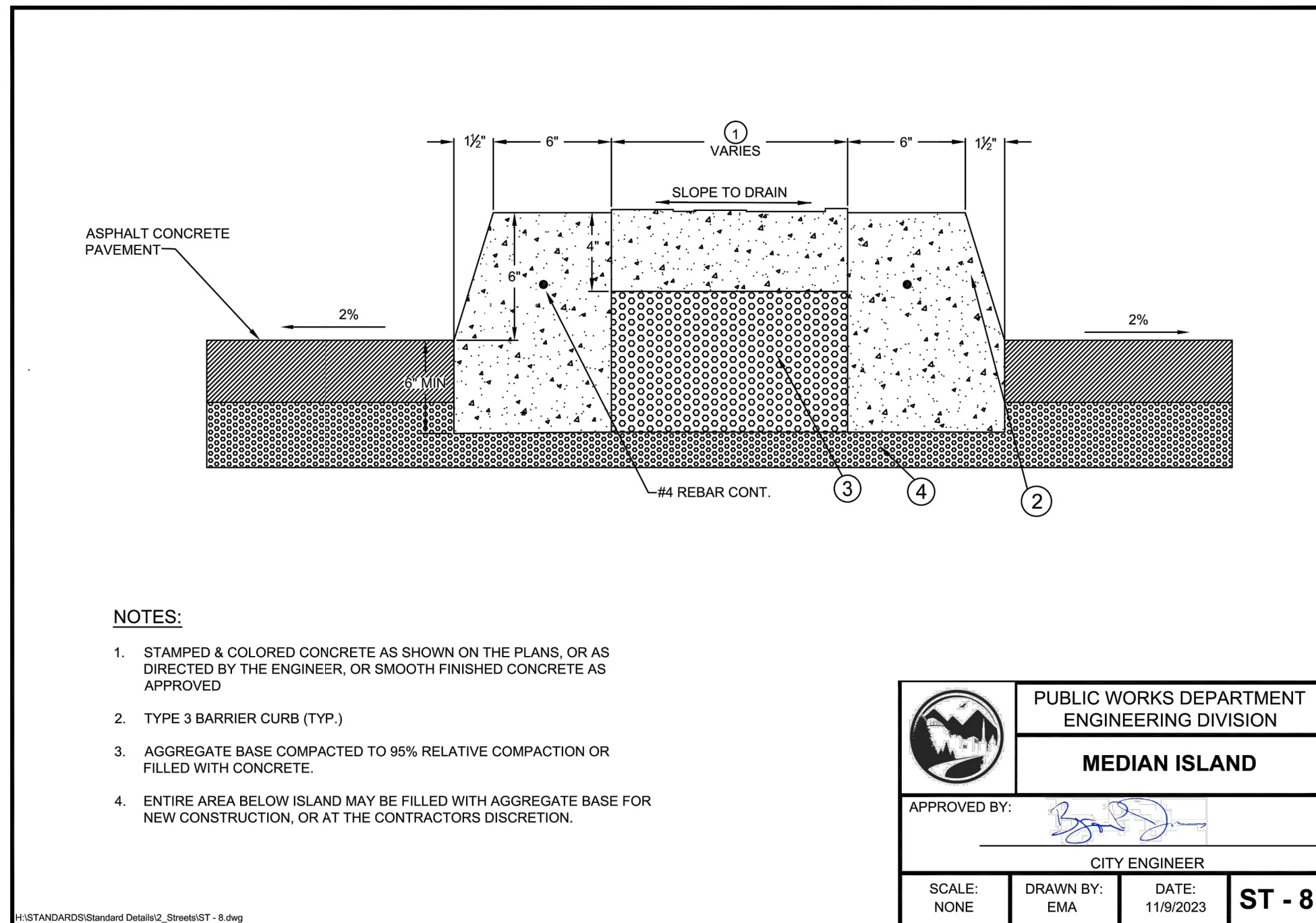
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- RRFB PEDESTRIAN SIGN LOCATIONS TO BE VERIFIED BY THE ENGINEER.
- COMPLETELY REMOVE EXISTING LIGHTED CROSSING INCLUDING POLES, LIGHTS, BOXES AND APPARATUSES ON RIDGE ROAD

STRIPING/MARKING NOTES

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- 3' X 5' DETECTABLE WARNING SURFACE PER CALTRANS STANDARD PLANS A88A
- HMA (4" PATCH PAVE / CROSSWALK OVERLAY)



NOTES:

- STAMPED & COLORED CONCRETE AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER, OR SMOOTH FINISHED CONCRETE AS APPROVED
- TYPE 3 BARRIER CURB (TYP.)
- AGGREGATE BASE COMPACTED TO 95% RELATIVE COMPACTION OR FILLED WITH CONCRETE.
- ENTIRE AREA BELOW ISLAND MAY BE FILLED WITH AGGREGATE BASE FOR NEW CONSTRUCTION, OR AT THE CONTRACTORS DISCRETION.



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

MEDIAN ISLAND

APPROVED BY:

CITY ENGINEER

SCALE:

NONE

DRAWN BY:

EMA

DATE:

11/19/2023

ST - 8

A

MEDIAN ISLAND DETAIL

4

NOT TO SCALE

NOTE:

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21-05

CITY OF GRASS VALLEY ENGINEERING DIVISION

HSIP PEDESTRIAN CROSSINGS IMPROVEMENT PROJECT

NEVADA UNION HIGH SCHOOL AREA



DRAWN BY: DATE:
EMA OCTOBER 2023

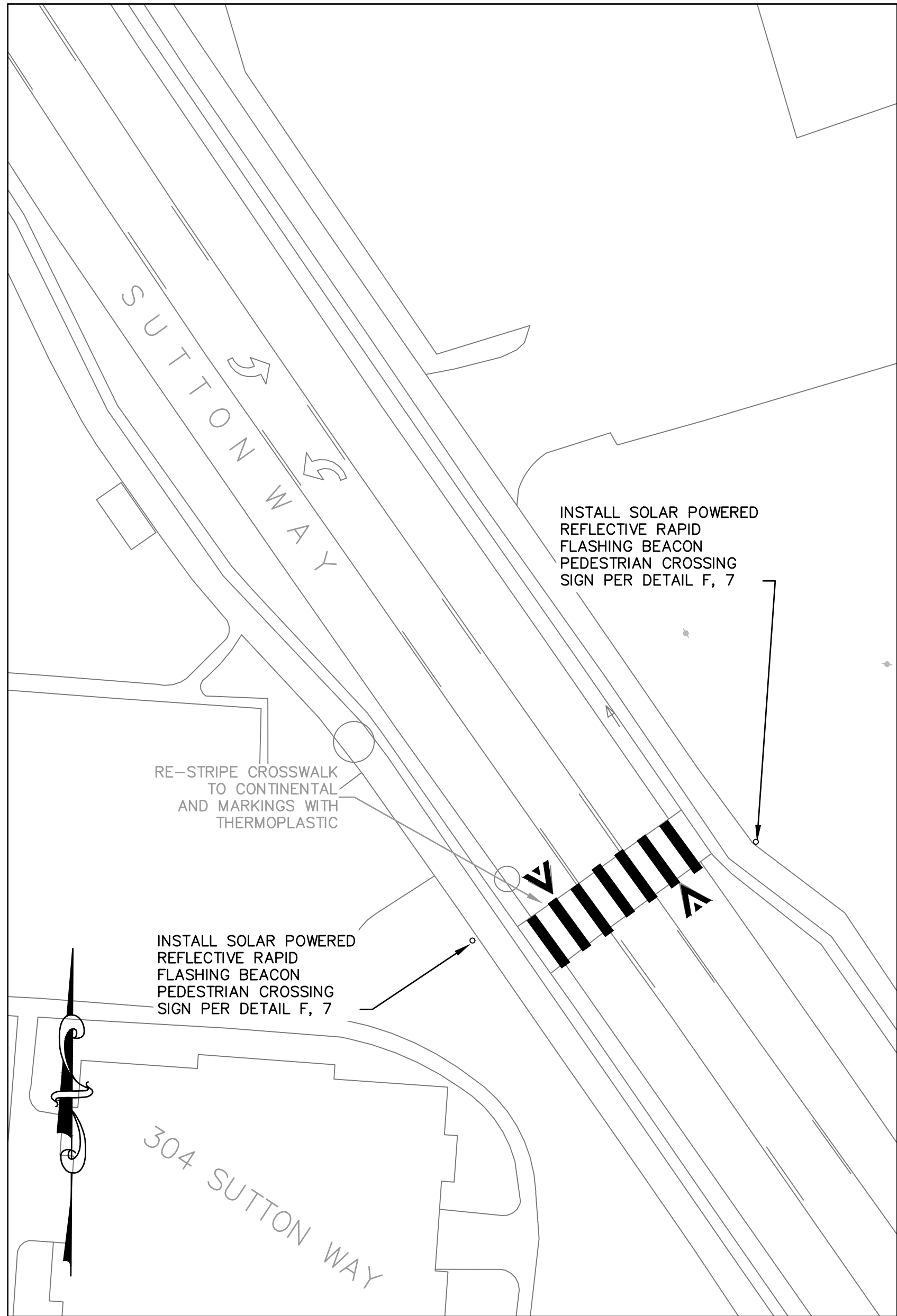
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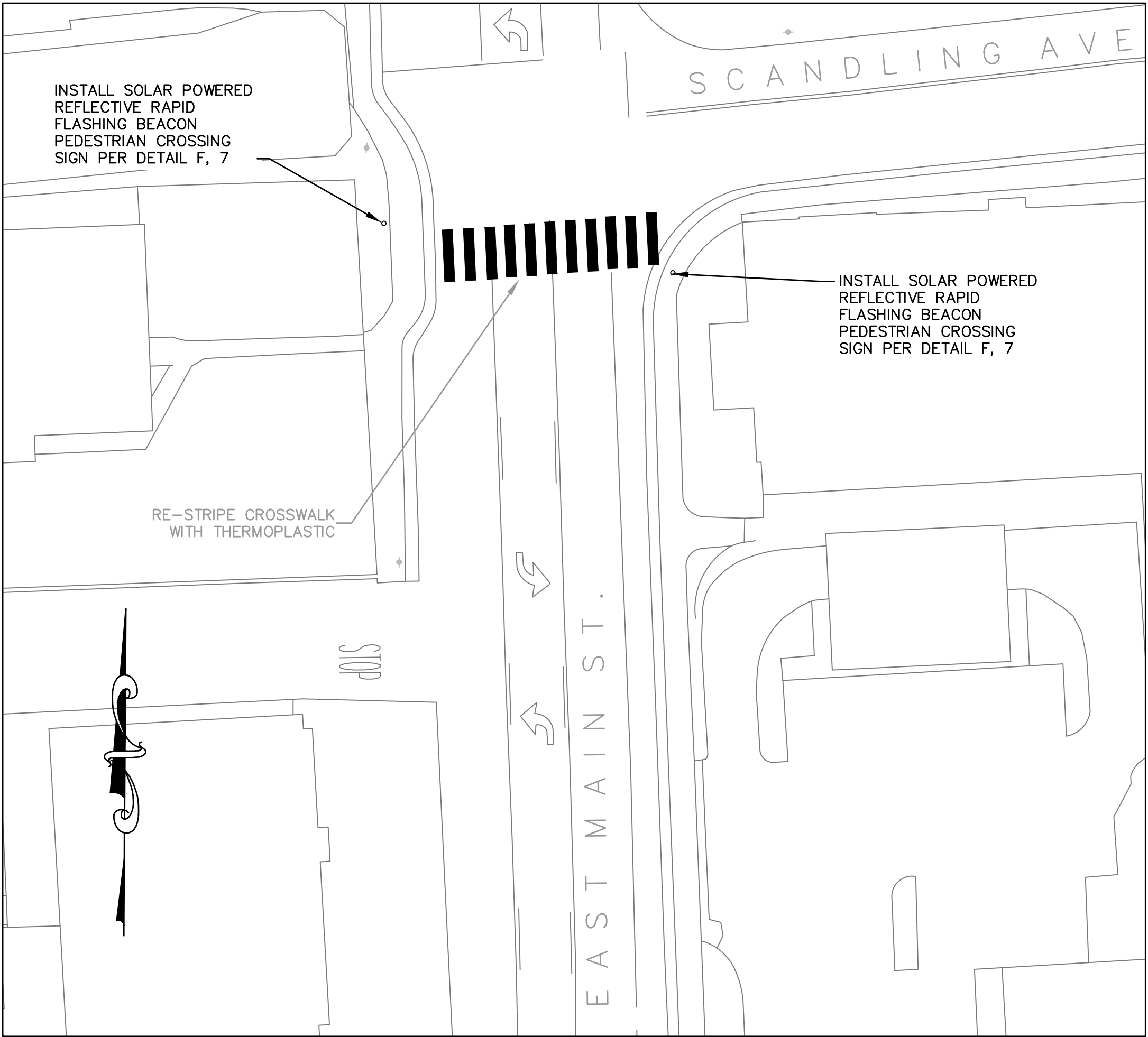
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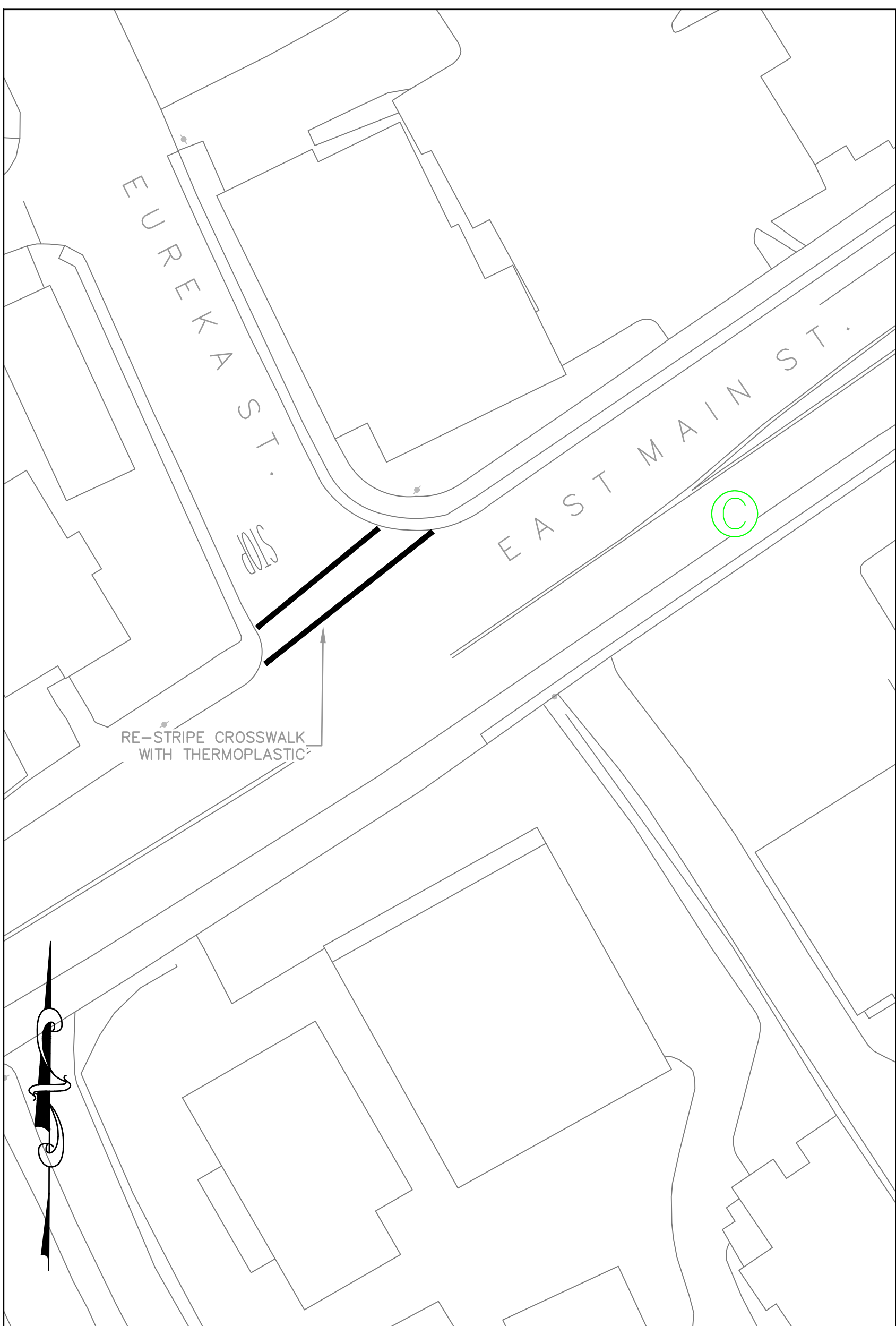
SUTTON WAY AT OLYMPIA
GARDENS APARTMENTS

1" = 20'



EAST MAIN AT SCALDING AVE.

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EAST MAIN ST. AT EUREKA ST.

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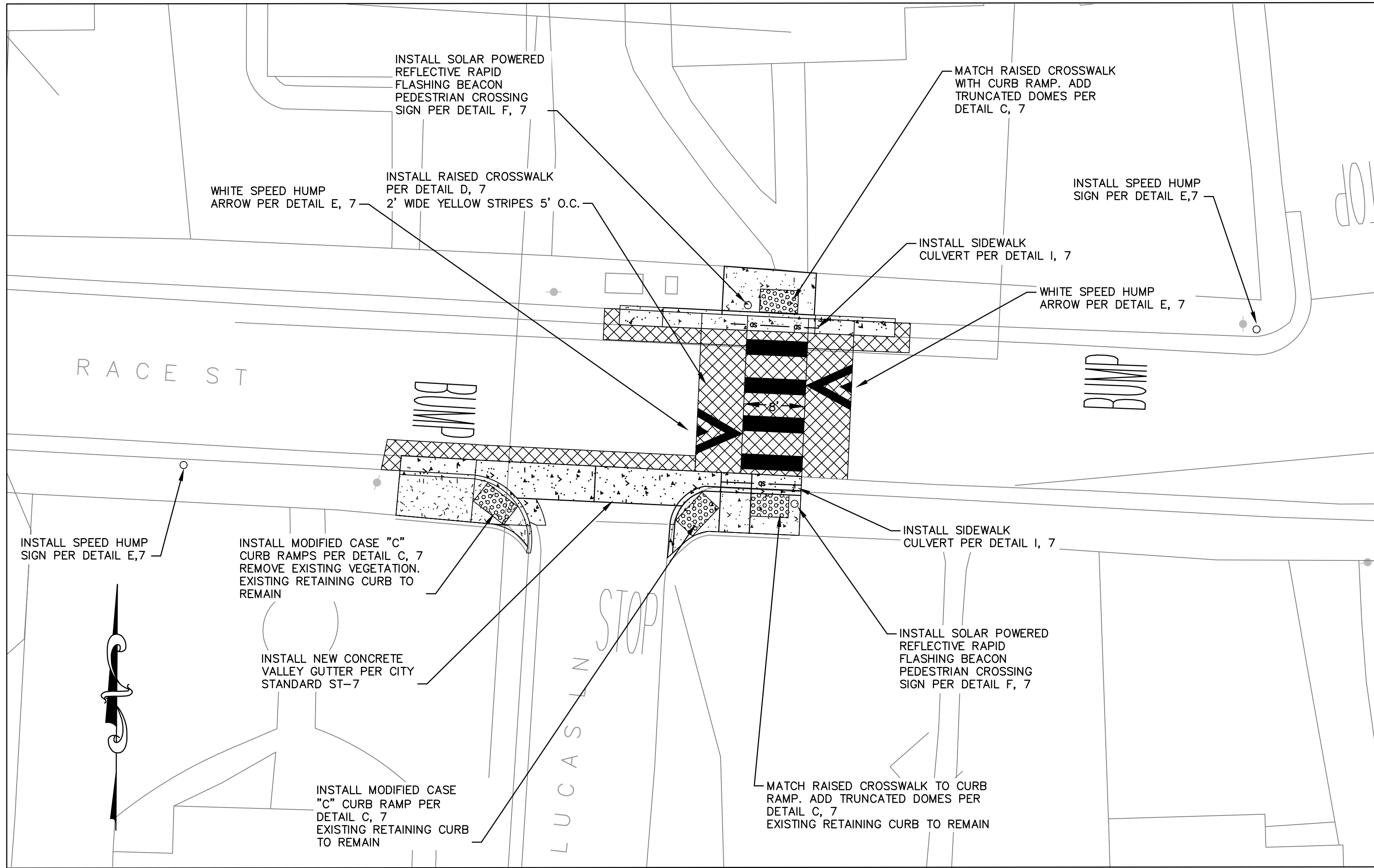
CITY OF GRASS VALLEY ENGINEERING DIVISION
**HSIP PEDESTRIAN CROSSINGS
IMPROVEMENT PROJECT**
EASTERN GRASS VALLEY



DRAWN BY: **EMA** DATE: **OCTOBER 2023**
CHECKED BY: **BPJ** DATE: **OCTOBER 2023**

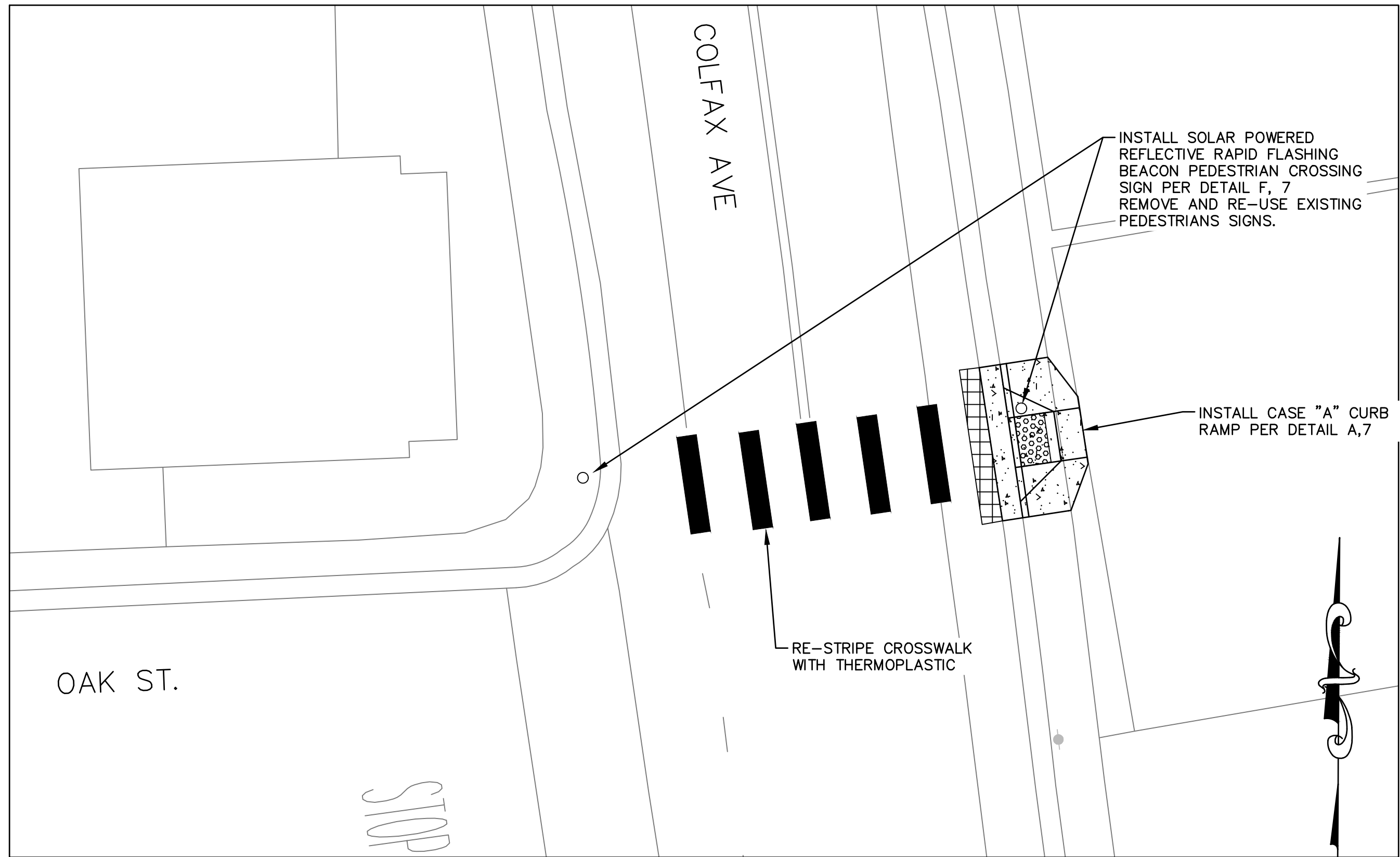
DRAWING NUMBER:
2176

SHEET NUMBER:
5 OF 7



RACE ST. AT LUCAS

1" = 10'



COLFAX AVE AT OAK ST

1" = 10'

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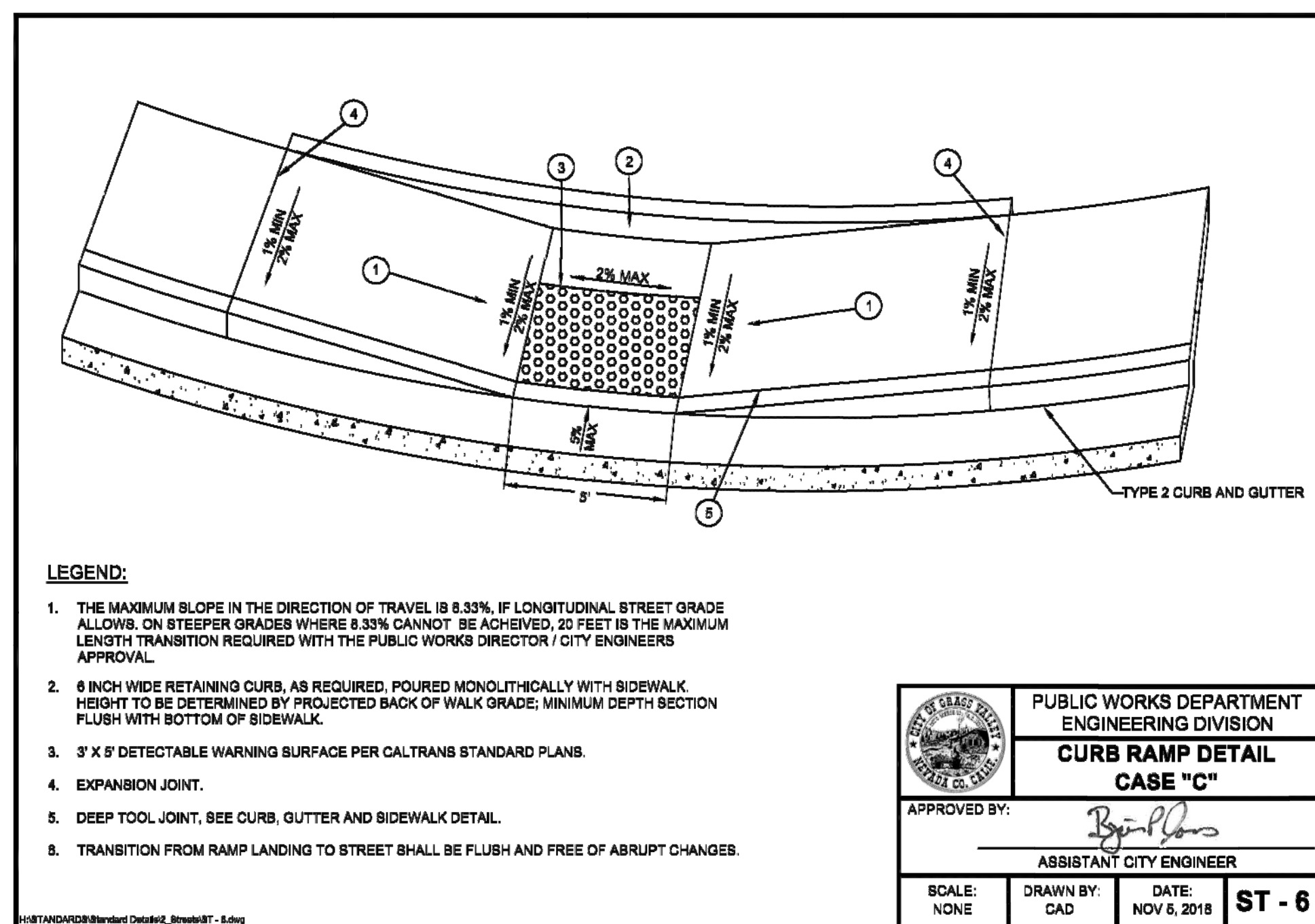
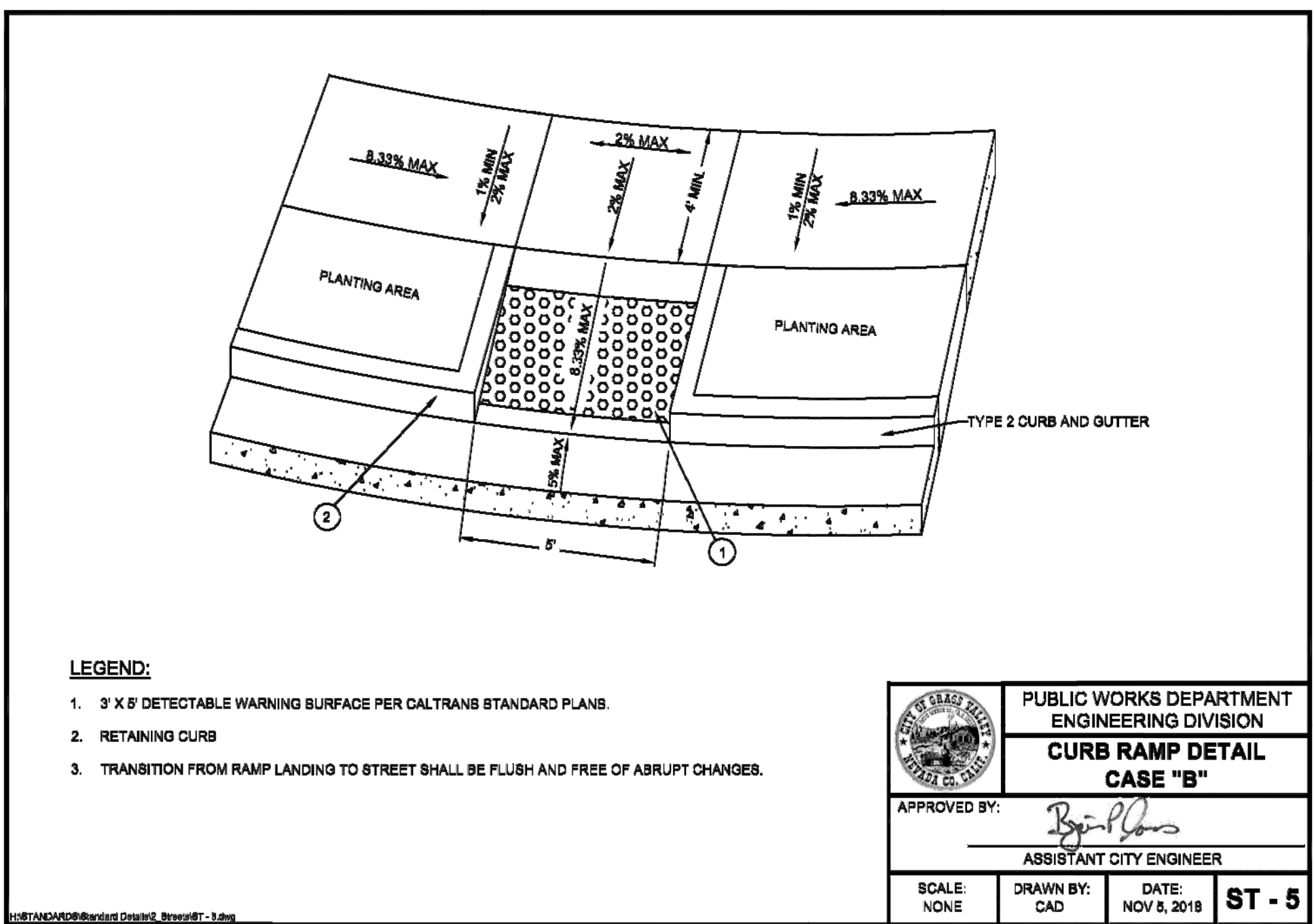
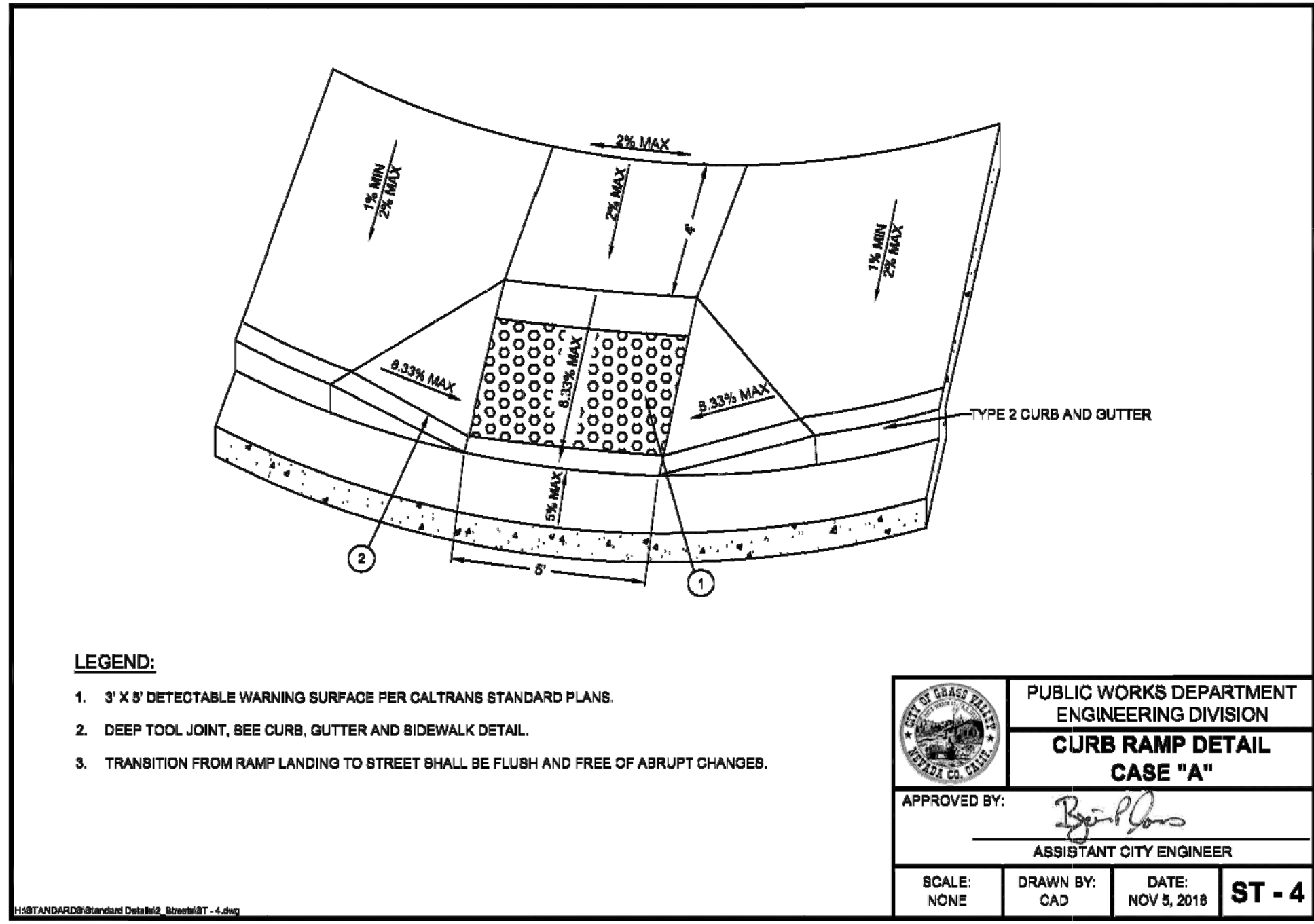
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CITY OF GRASS VALLEY ENGINEERING DIVISION
**HSIP PEDESTRIAN CROSSINGS
IMPROVEMENT PROJECT**
GRASS VALLEY CHARTER SCHOOL AREA



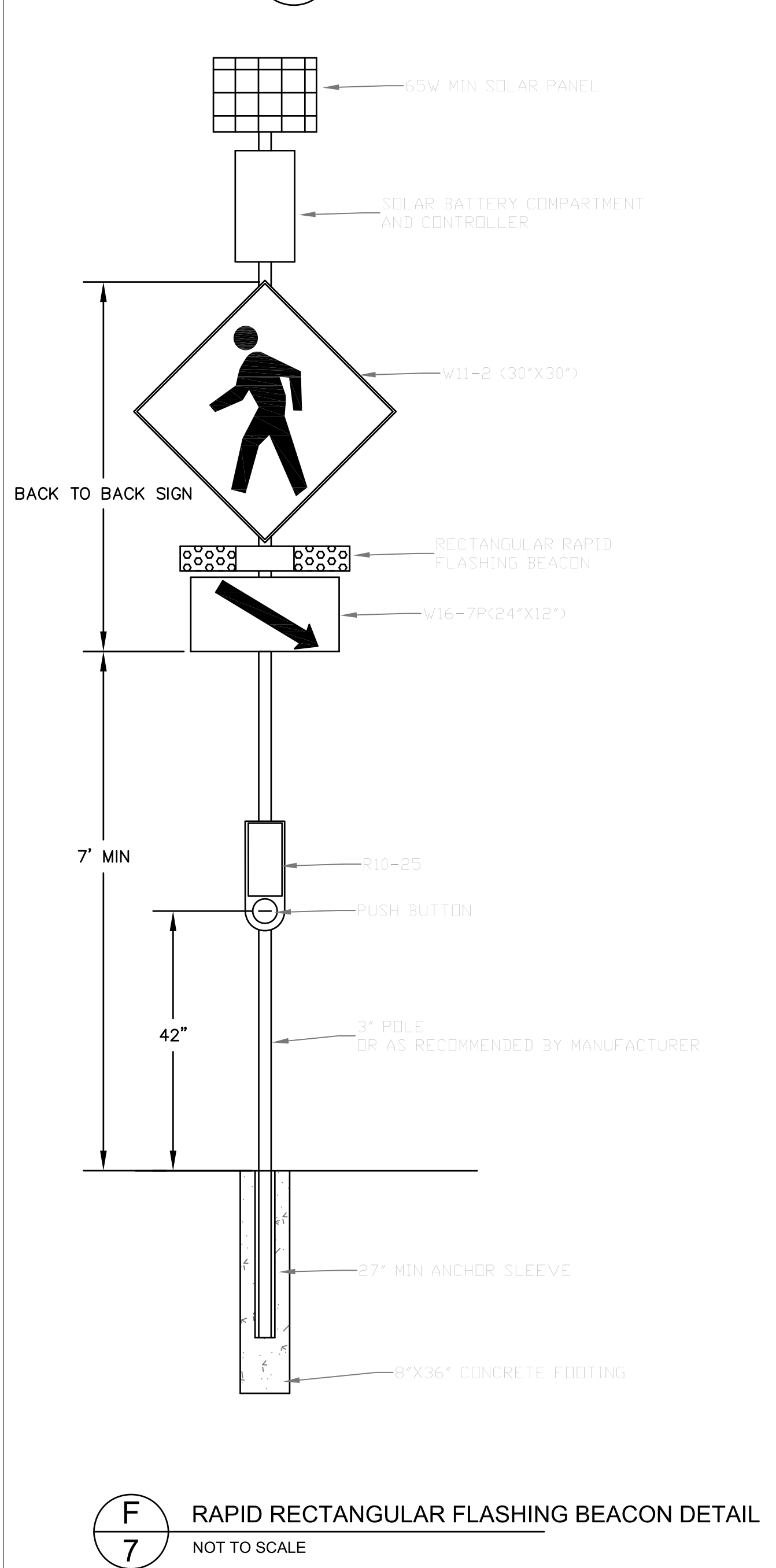
DRAWN BY: **EMA** DATE: **OCTOBER 2023**
CHECKED BY: **BPJ** DATE: **OCTOBER 2023**
DRAWING NUMBER:
2176
SHEET NUMBER:
6 OF 7



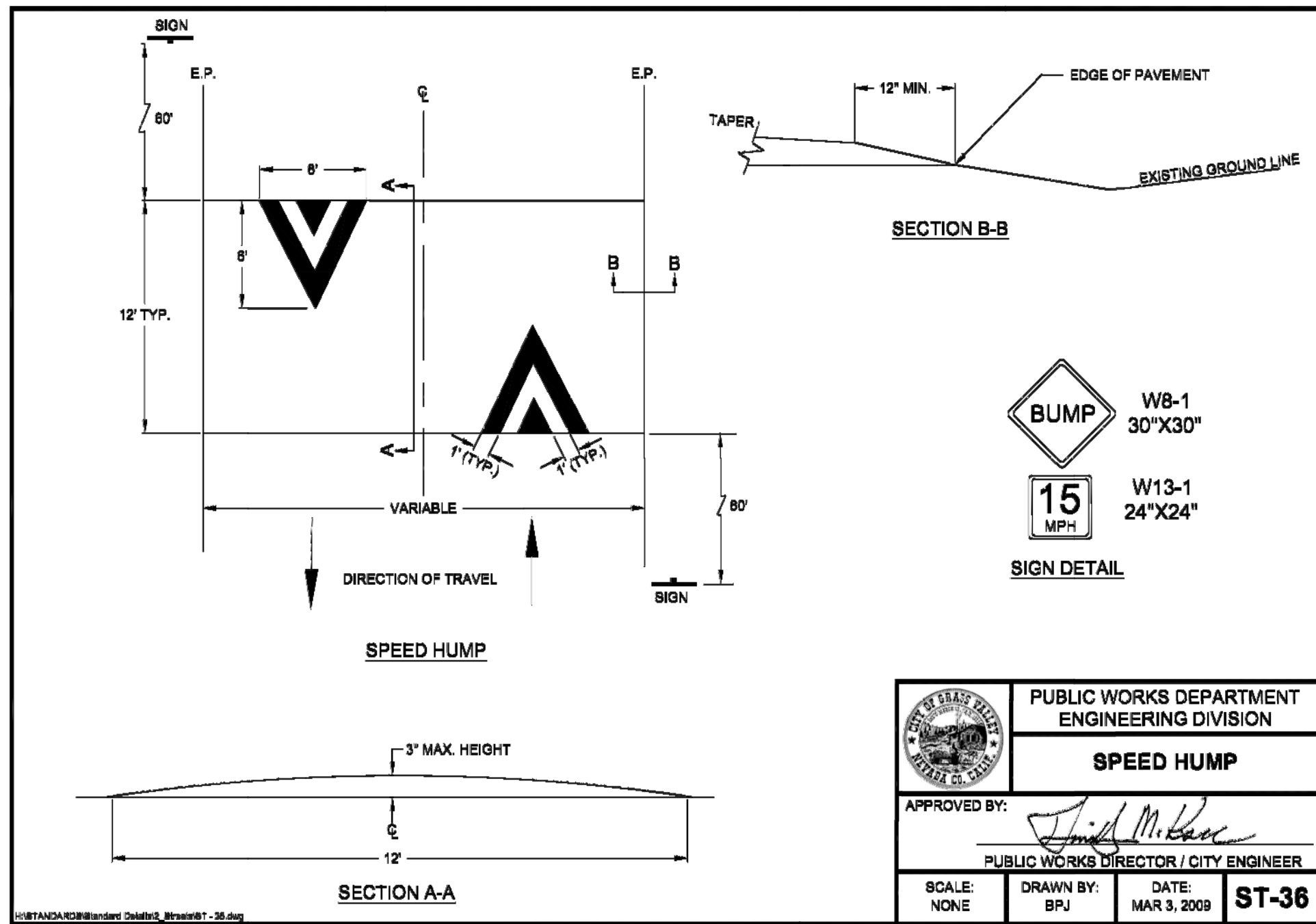
A
7 CASE "A" CURB RAMP
NOT TO SCALE

B
7 CASE "B" CURB RAMP
NOT TO SCALE

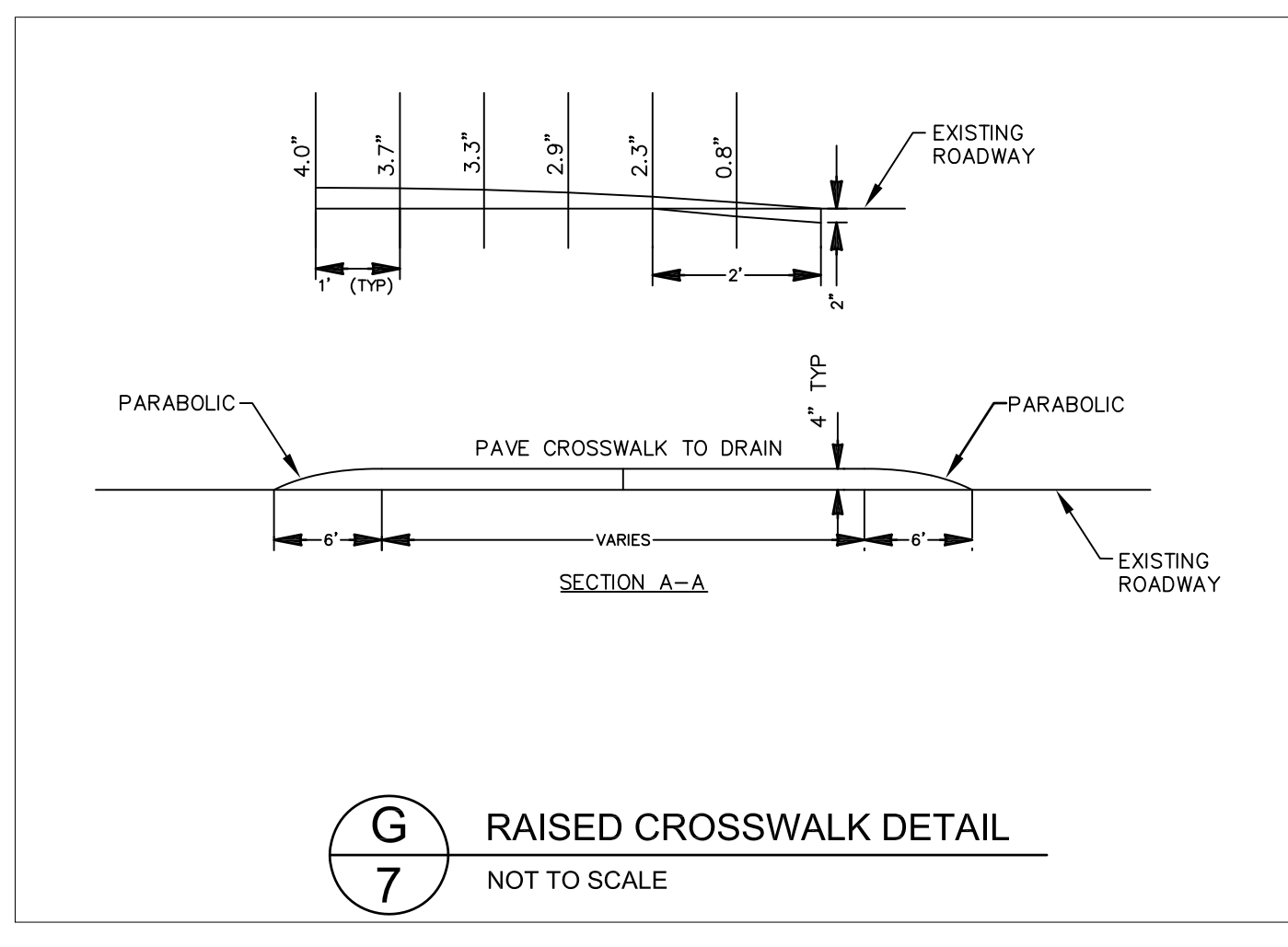
C
7 CASE "C" CURB RAMP
NOT TO SCALE



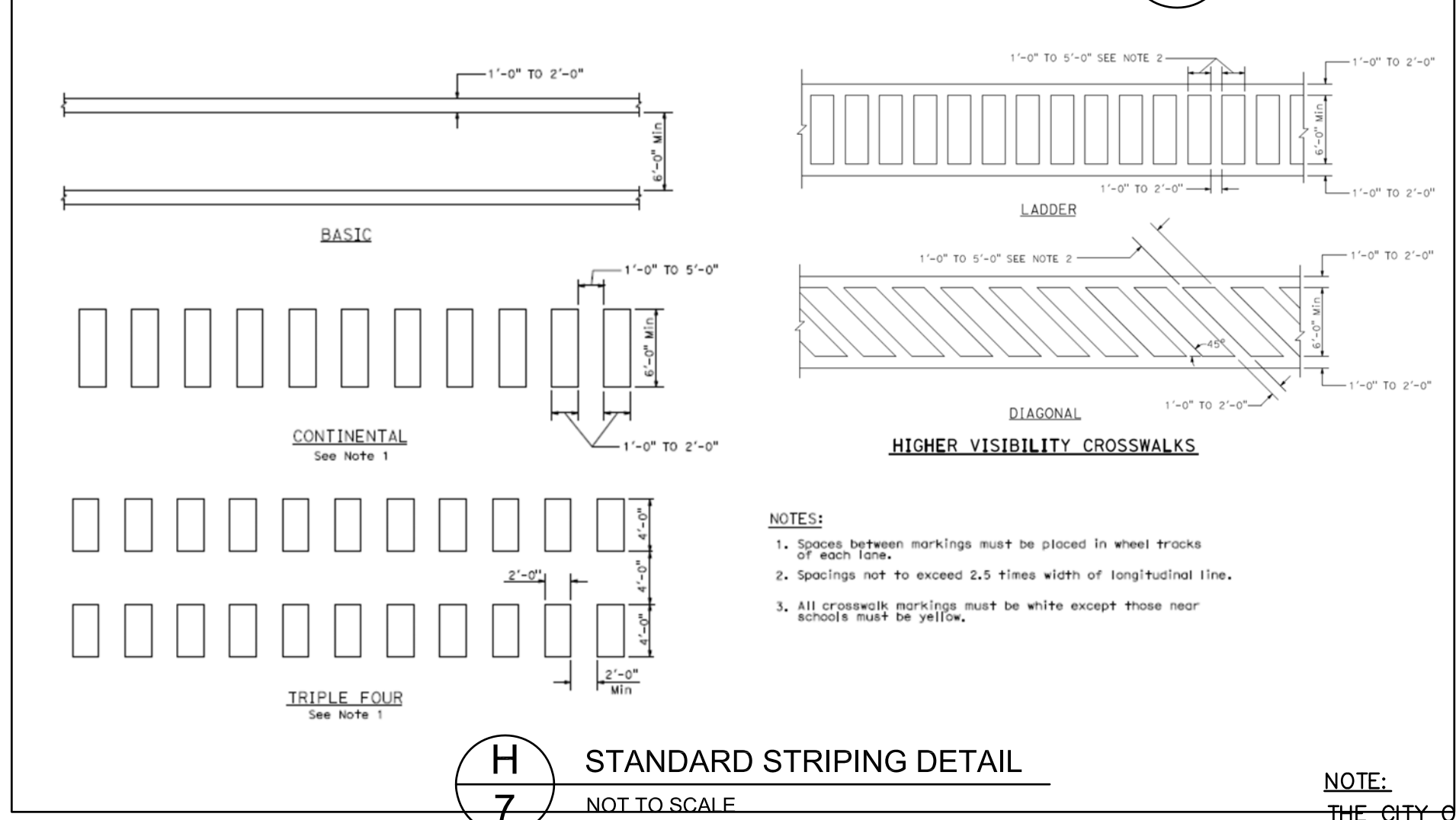
F
7 RAPID RECTANGULAR FLASHING BEACON DETAIL
NOT TO SCALE



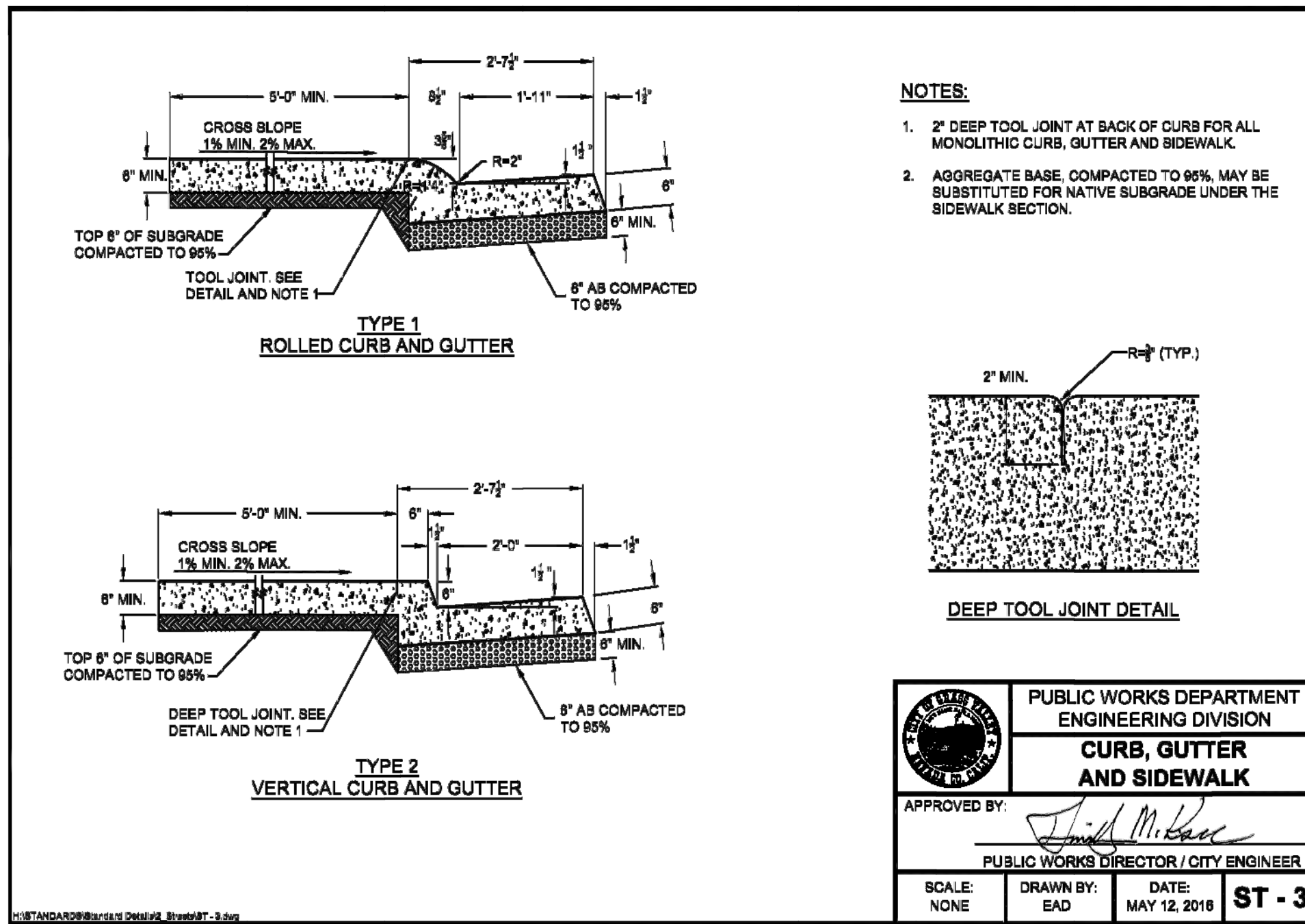
D
7 SPEED HUMP DETAIL
NOT TO SCALE



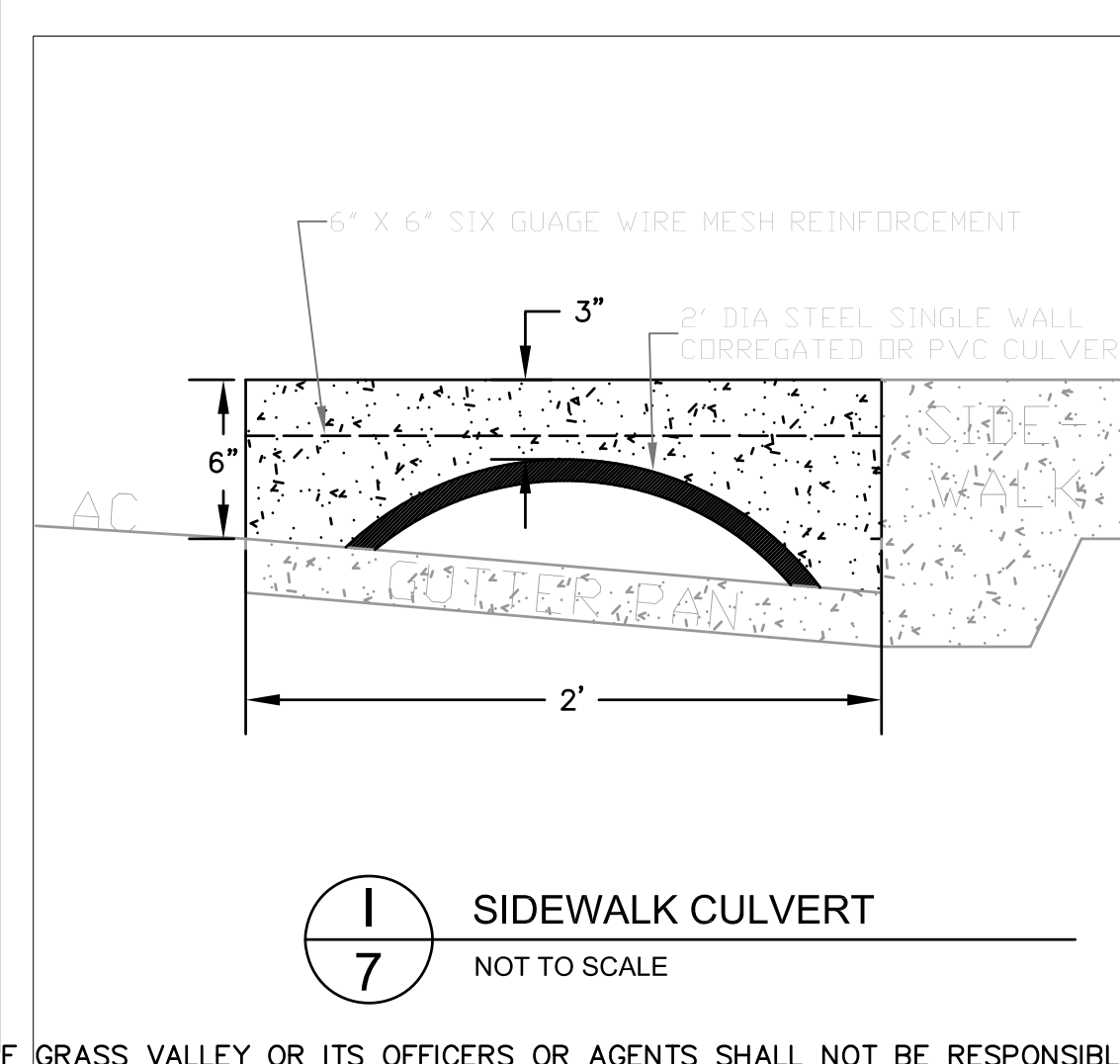
G
7 RAISED CROSSWALK DETAIL
NOT TO SCALE



H
7 STANDARD STRIPING DETAIL
NOT TO SCALE



E
7 CURB, GUTTER AND SIDEWALK DETAIL
NOT TO SCALE



I
7 SIDEWALK CULVERT
NOT TO SCALE

REVISIONS

No.	Description	Engr	Init	By	Date

PROFESSIONAL ENGINEER
BRYAN P. JONES
No. 75378
CIVIL
STATE OF CALIFORNIA

PROJECT NUMBER:
21-05

CITY OF GRASS VALLEY ENGINEERING DIVISION

**HSIP PEDESTRIAN CROSSINGS
IMPROVEMENT PROJECT**

DETAILS

DRAWN BY:
EMA

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OCTOBER 2023

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BPJ

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