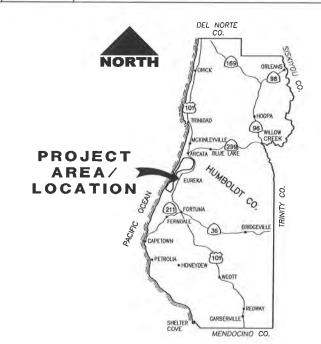


NOT TO SCALE

# COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS PROJECT PLANS FOR CONSTRUCTION OF ADA CURB RAMP IMPROVEMENTS (PHASE 1) CONTRACT NO. 325701

TO BE SUPPLEMENTED BY STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, STANDARD SPECIFICATIONS, AND LATEST REVISED 2015 STANDARD SPECIFICATIONS



COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

CURB RAMP ADA IMPROVEMENTS

TITLE SHEET

1

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### HUMBOLDT COUNTY VICINITY MAP

NTS

### STANDARD ABBREVIATIONS

AB	AGGREGATE BASE	FOW	FACE OF WALK	s	SLOPE
AC	ASPHALTIC CONCRETE	FT	FOOT (FEET)	sc	SAWCUT
AP	ANGLE POINT	G	GAS	SD	STORM DRAIN
BEG	BEGIN	GB	GRADE BREAK	SDMH	STORM DRAIN MANHOLE SQUAR
BLVD	BOULEVARD	GFL	GUTTER FLOWLINE	SF	FOOT/FEET
BOC	BACK OF CURB	GR	INLET GRATE	SHT	SHEET
BOW	BACK OF WALK	GV	GATE VALVE	SS	SANITARY SEWER
BOV	BLOW OFF VALVE	HP	HIGH POINT	SSCO	SANITARY SEWER CLEANOUT
CONC	CONCRETE	IRR	IRRIGATION	SSMH	SANITARY SEWER MANHOLE
C&G	CURB AND GUTTER	LF	LINEAR FEET	STD	STANDARD
CL	CENTERLINE, OR CLASS	LiP	EDGE OF GUTTER PAN	ST	STREET
CLR	CLEAR	ĹΫ	LEFT	SW	SIDEWALK
CG&SW	CURB, GUTTER &	MAX	MAXIMUM	TBC	TOP BACK OF CURB
	SIDEWALK	MH	MANHOLE	TBW	TOP BACK OF WALK
CO	CLEANOUT	MIN	MINIMUM	TC	TOP OF CURB
CR	CURB RAMP	MOD	MODIFIED	TEL	TELECOMMUNICATION/TELEPHON
CT	CALTRANS	NTS	NOT TO SCALE	TEMP	TEMPORARY
DI	DRAIN INLET	OG	ORIGINAL GROUND	TFC	TOP FACE OF CURB
DWG	DRAWING	OH	OVERHEAD	TYP	TYPICAL
DWS	DETECTABLE WARNING	PB	PULL BOX	UG	UNDERGROUND
	SURFACE	P/L	PROPERTY LINE	VAR	VARIES
DWY	DRIVEWAY	PP	POWER POLE	VG	VEE GUTTER/VALLEY GUTTER
EL/ELEV	ELEVATION	PVMT	PAVEMENT	VOL	VOLUME '
EP	EDGE OF PAVEMENT	R	RADIUS	W	WATER
EXIST	EXISTING	RPT	RADIAL POINT	WM	WATER METER
FG	FINISHED GRADE	RT	RIGHT	WV	WATER VALVE
FL	FLOWLINE	R/W	RIGHT OF WAY	XING	CROSSING
FOC	FACE OF CURB				



# INDEX OF SHEETS

MARK

DWG. FILE NAME: HCR TITLE (PHASE 1) REVIEWED BY: TAL

CONTRACT NO.: 32570

DATE: 01/18/19

M M THOMAS

DESIGNED BY: EM

DRAWN BY: KM/DE

APPROVED BY: ZS

BAR BELOW IS ONE INCH

SHEET NO.	DRAWING NAME
1	TITLE SHEET
2	LOCATION MAP
3-5	REGION MAP-MYRTLETOWN
6-7	REGION MAP-PINE HILLS
8	REGION MAP-ROSEWOOD
9-10	REGION MAP-CUTTEN
11-23	CURB RAMP DETAILS
24-26	CURB RAMP QUANTITY TABLES

### **GENERAL NOTES:**

- 1. ALL CONSTRUCTION SHALL CONFORM TO THE COUNTY OF HUMBOLDT STANDARD SPECIFICATIONS, INCLUDING ALL OF THE MOST CURRENT UPDATES, ADDENDUMS AND MEMORANDUMS TO THEM.
- 2. TWO WORKING DAYS PRIOR TO PROJECT STAKING, THE CONTRACTOR SHALL SUBMIT TO THE RESIDENT ENGINEER A COMPLETED CONSTRUCTION STAKING REQUEST FORM.
- 3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FURNISHING, INSTALLING AND MAINTAINING ALL WARNING SIGNS AND DEVICES NECESSARY TO SAFEGUARD THE GENERAL PUBLIC AND THE WORK AND FOR PROVIDING PROPER AND SAFE ROUTING OF THE VEHICULAR AND PEDESTRIAN TRAFFIC DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO WORKING HOURS. THE USE OF FLAGGERS, BARRICADES AND CONSTRUCTION SIGNING SHALL COMPLY WITH THE CURRENT EDITION OF THE CALIFORNIA MUTCD (2014) AND 2016 WATCHBOOK.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL EXISTING UTILITIES AS WELL AS PROTECTING AND REPAIRING ANY DAMAGE TO THEM. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-642-2444) A MINIMUM OF TWO WORKING DAYS PRIOR TO WORK COMMENCEMENT.
- DEMOLITION OF EXISTING FEATURES SHALL BE LIMITED TO THE ITEMS SHOWN ON THE PLANS AND DESCRIBED IN THE SPECIAL PROVISIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE ALL EXISTING FEATURES DAMAGED BY THEIR OPERATIONS, AND AT THEIR OWN EXPENSE.
- 6. THE CONTRACTOR SHALL POSSESS A CLASS "A" LICENSE, OR A COMBINATION OF CLASSES AS REQUIRED BY THE WORK CATEGORIES AND CLASSES OF WORK INCLUDED IN THIS CONTRACT.

- ALL EXISTING CURB, GUTTER, AND SIDEWALK SHOWN TO BE REMOVED IS TO BE REMOVED OUT TO THE NEAREST EXPANSION JOINT OR SCORE MARK. DAMAGE TO EXISTING CURB, GUTTER AND SIDEWALK WHICH IS SHOWN ON THE PLANS TO REMAIN, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 8. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DIVISION OF OCCUPATIONAL SAFETY & HEALTH [381 HEMSTED DRIVE, REDDING, CA 96002: PHONE (530) 224-4743] PRIOR TO ANY TRENCHING EXCAVATION 5 FEET OR MORE IN DEPTH. A HARD COPY OF THIS PERMIT MUST BE AVAILABLE ON THE CONSTRUCTION SITE AT ALL TIMES. AS NEEDED.
- THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR PRESERVING ALL EXISTING MONUMENTS WITHIN THE LIMITS OF THE CONTRACTOR'S WORK. CONTRACTOR SHALL COORDINATE WITH ENGINEER/SURVEYOR PRIOR TO DISTURBANCE OF EXISTING MONUMENTS, AND SHALL RESET MONUMENTS OR PROVIDE PERMANENT WITNESS MONUMENTS AND FILE DOCUMENTATION WITH THE COUNTY SURVEYOR PURSUANT TO BUSINESS AND PROFESSIONS CODE SECTION 8771.
- 10. THE CONTRACTOR, SUBCONTRACTOR, AND/OR SURVEYOR SHALL NOT CUT PERMANENT CROSSES INTO EXISTING CONCRETE CURBS, GUTTERS OR SIDEWALKS. THE CONTRACTOR SHALL BE ASSESSED AN ADMINISTRATIVE PENALTY OF \$500 FOR EACH CROSS THAT IS CUT PERMANENTLY INTO EXISTING CONCRETE CURBS, GUTTERS AND SIDEWALKS.
- 11. CONTRACTOR SHALL PROTECT PIPELINES, VAULTS, POLES, SIGNS, FENCING, MANHOLES, FIRE HYDRANTS, CONCRETE PADS, TEST STATIONS, VALVES, VENTS, AND OTHER APPURTENANCES WITHIN PROJECT WORK LIMITS. ANY DAMAGE TO COUNTY OR PRIVATE PROPERTY FACILITIES CAUSED BY THE CONTRACTOR, OR ASSOCIATED SUB—CONTRACTORS SHALL BE REPLACED/REPAIRED TO THEIR ORIGINAL CONDITION AT THE SOLE EXPENSE OF THE CONTRACTOR.
- 12. DAMAGE TO THE ROADWAY OUTSIDE OF THE CURB RAMP CONSTRUCTION LIMITS IS NOT ACCEPTABLE. ANY DAMAGE ROADWAY CAUSED BY THE CONTRACTOR, OR ASSOCIATED SUB-CONTRACTORS SHALL BE REPAIRED TO ITS ORIGINAL CONDITION AT THE SOLE EXPENSE OF THE CONTRACTOR.

APPROVED BY:

TONY SECHETTI, RCE 63714
COUNTY OF HUMBOLDI
PUBLIC WORKS DEPUTY DIRECTOR

ZACHARY J. SMIGLIA
RCE 73128, EXP. 12/31/2018

DATE

No. 73128
Exp. 12/31/20 #

CIVIL

DATE

O1/16/2019
DATE

DATE

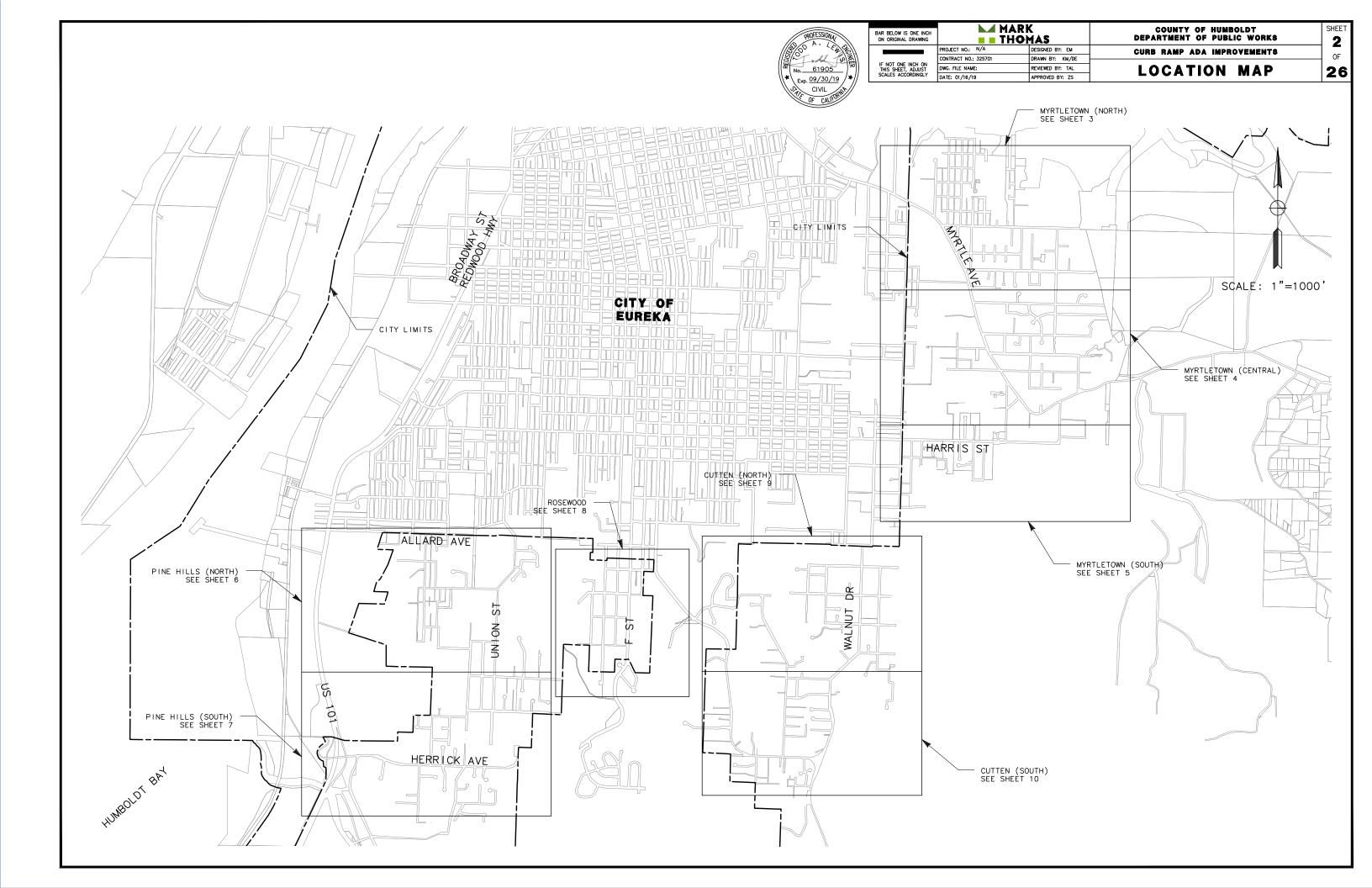
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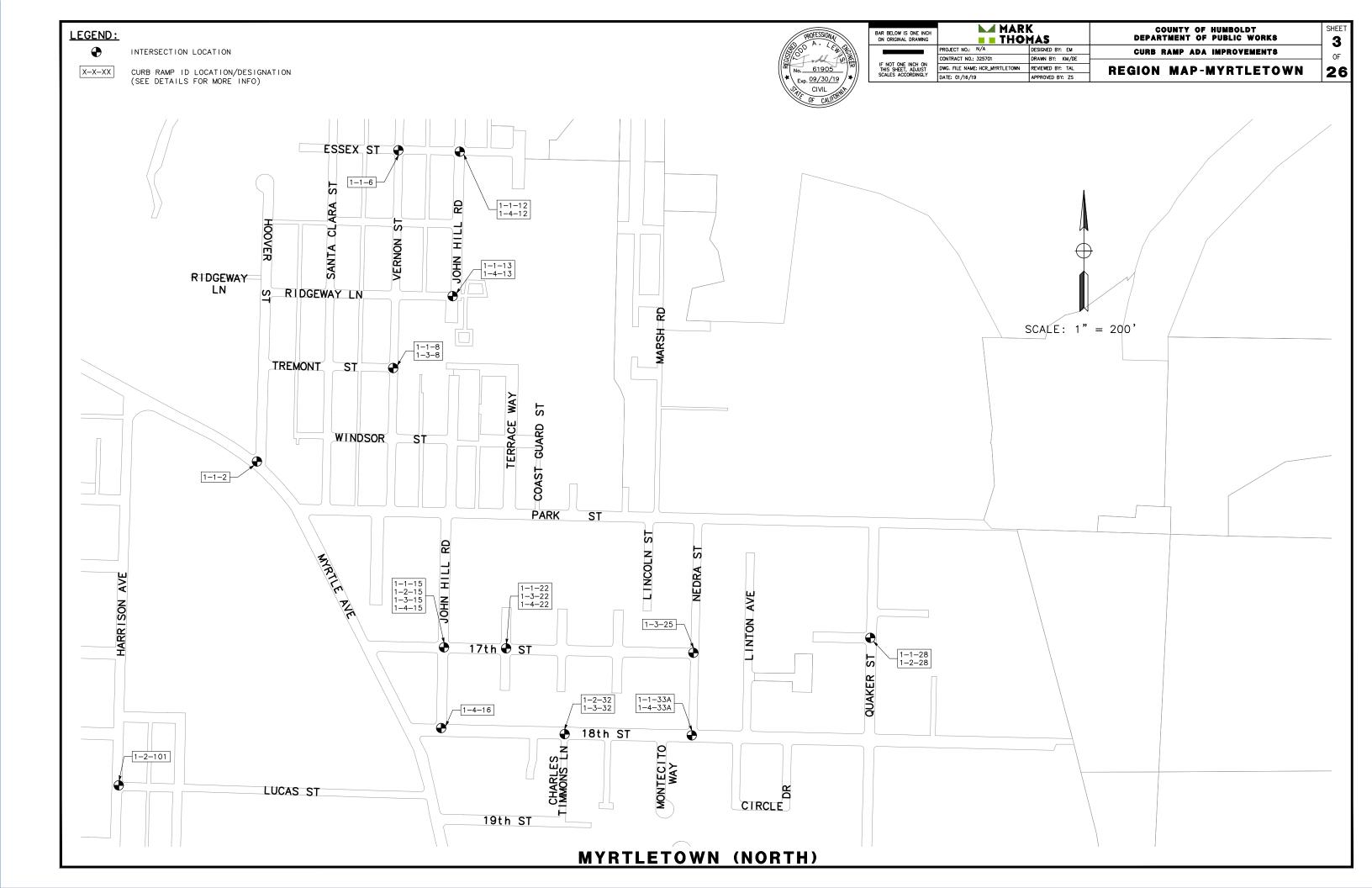
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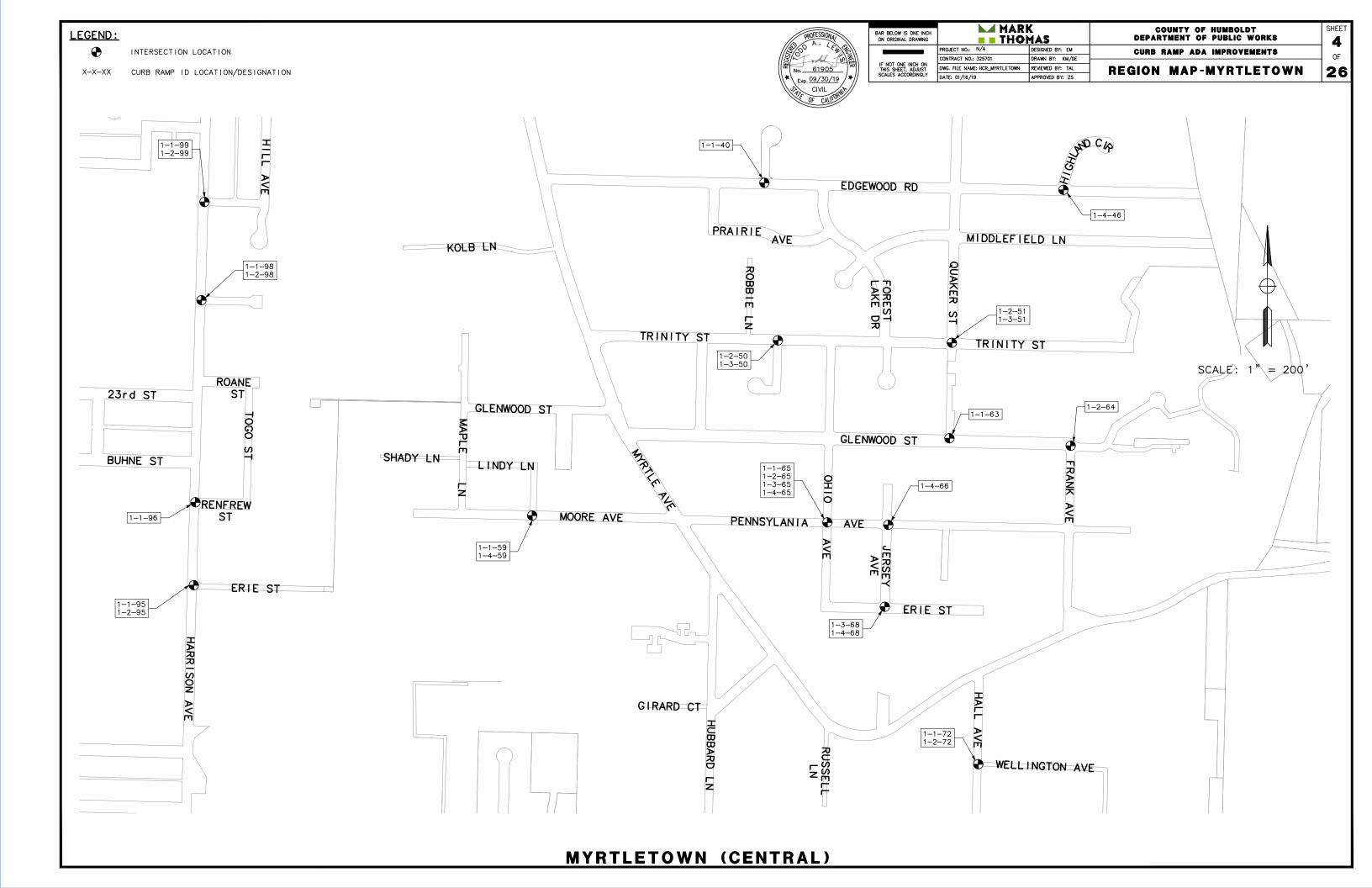
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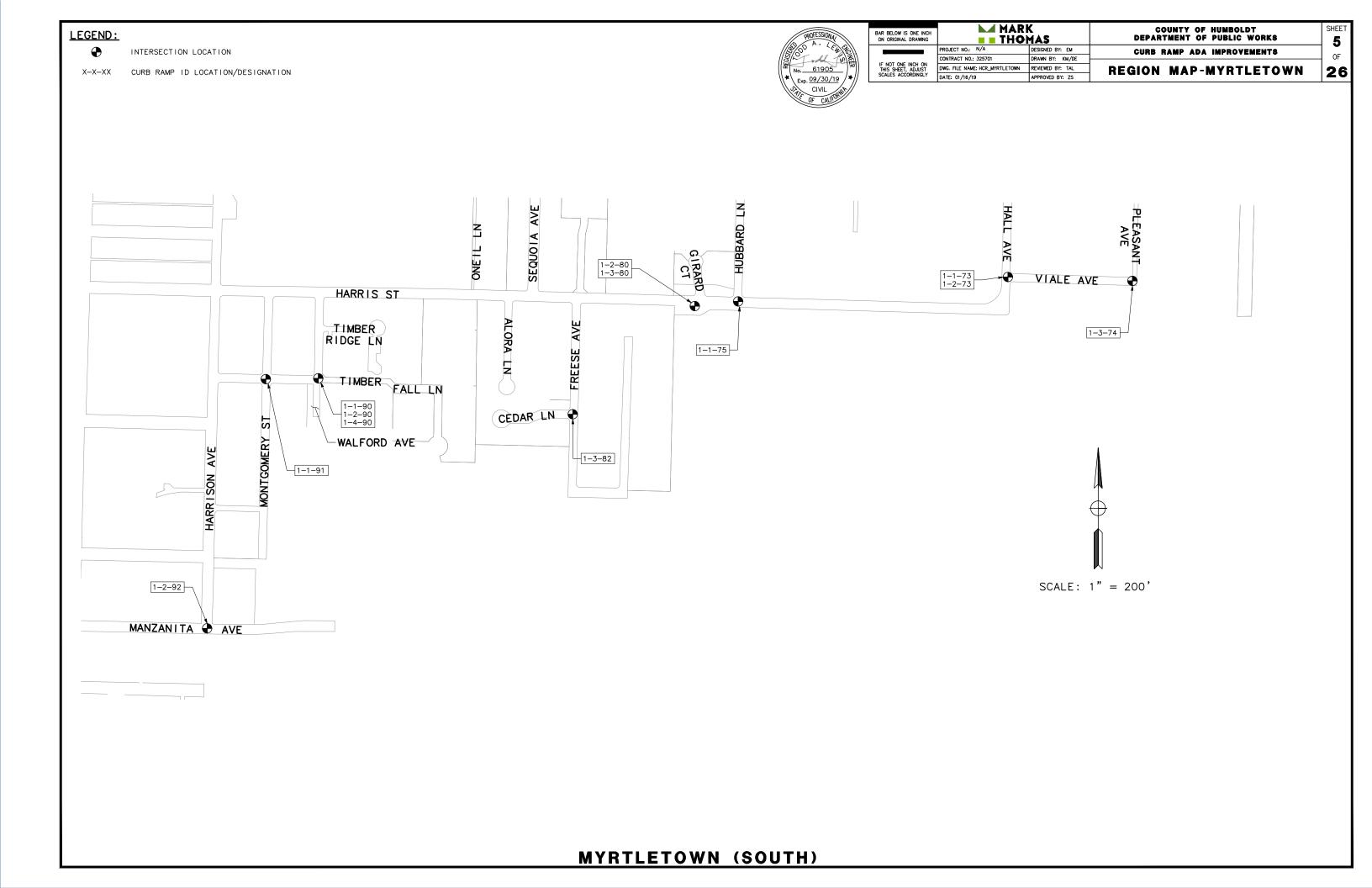
ORIGINAL LOW BID PRICE CONSTRUCTED BY
PROJECT COMPLETED

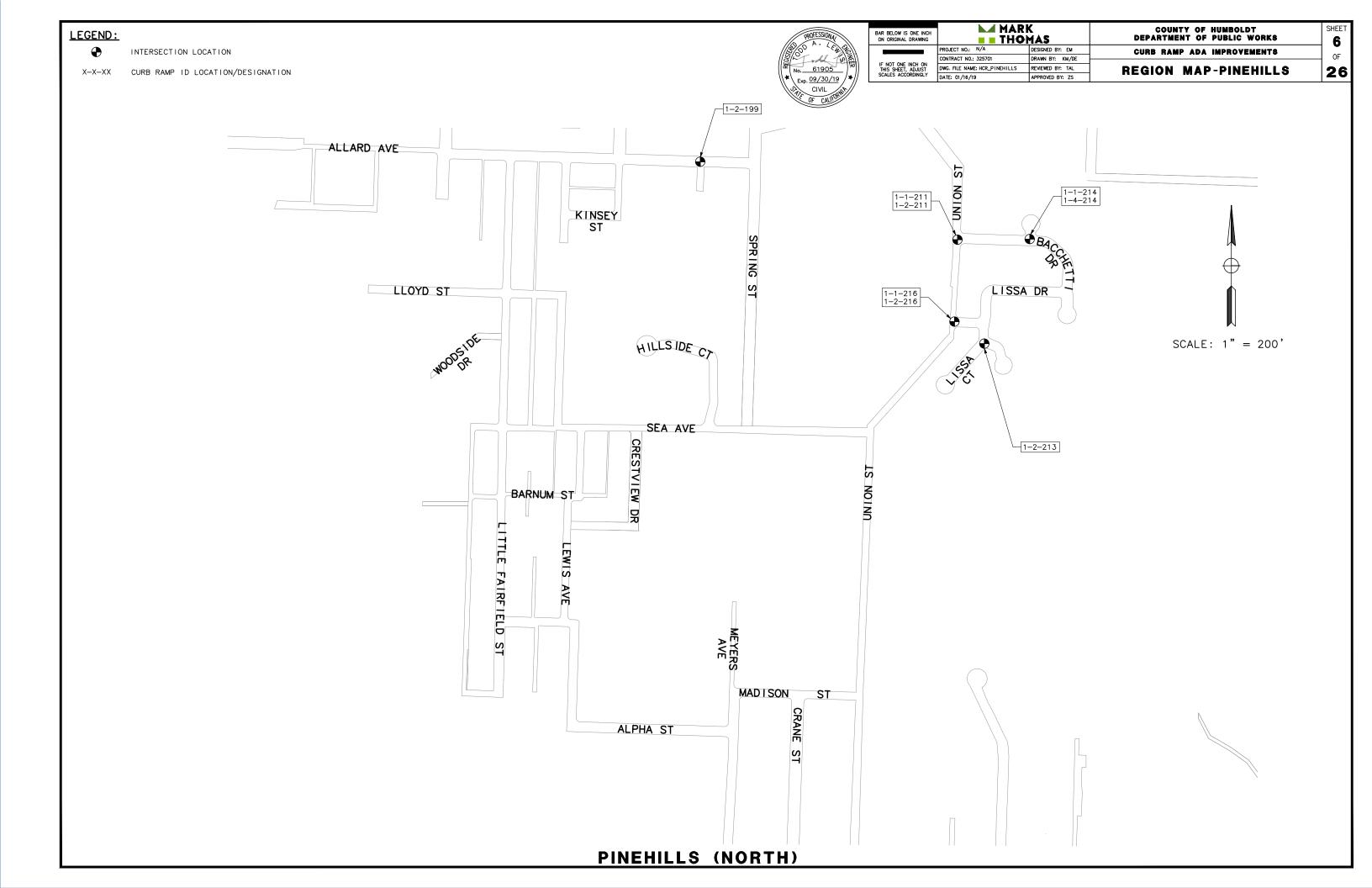
RESIDENT ENGINEER
CONSTRUCTION COST 5

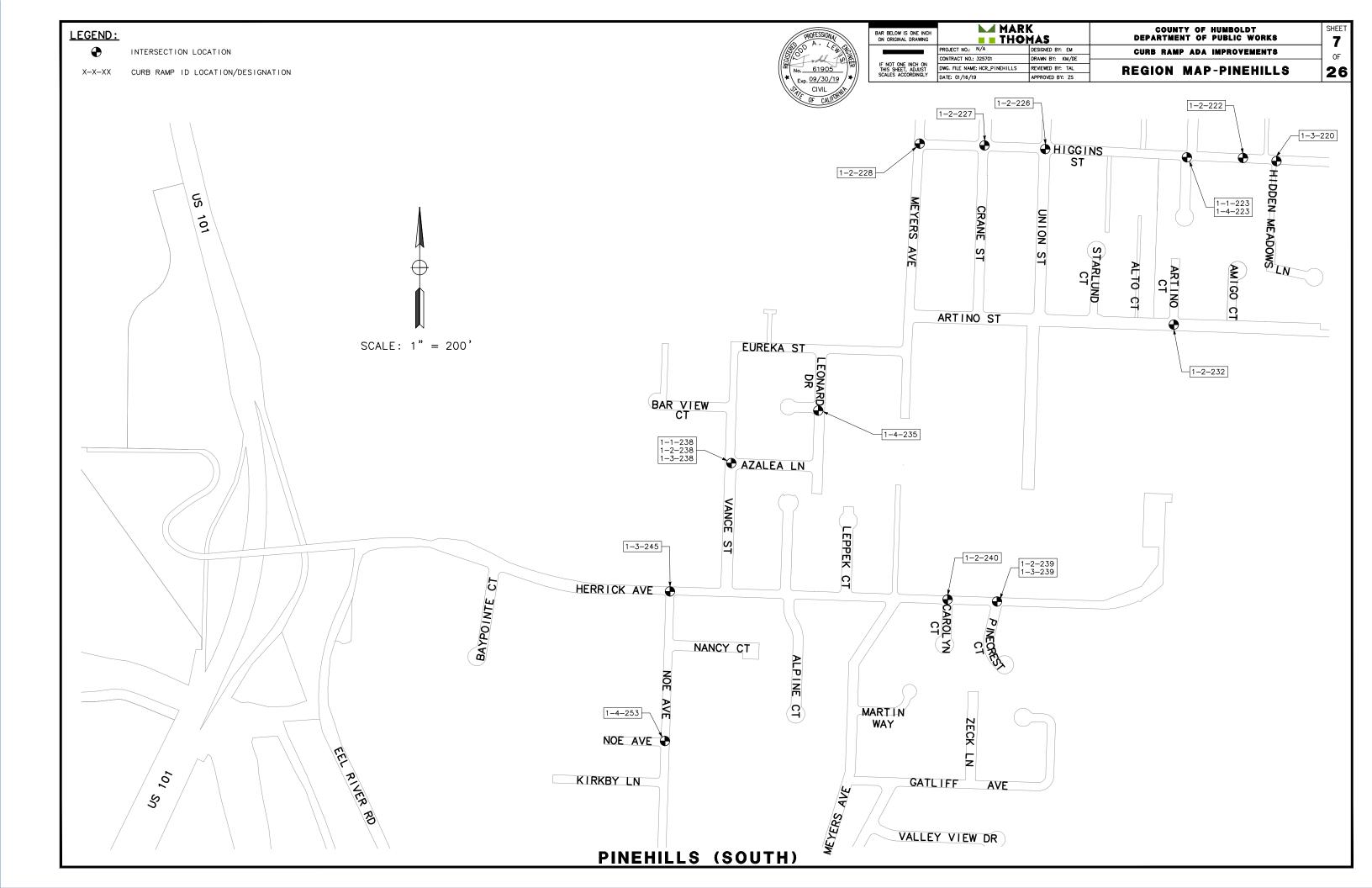


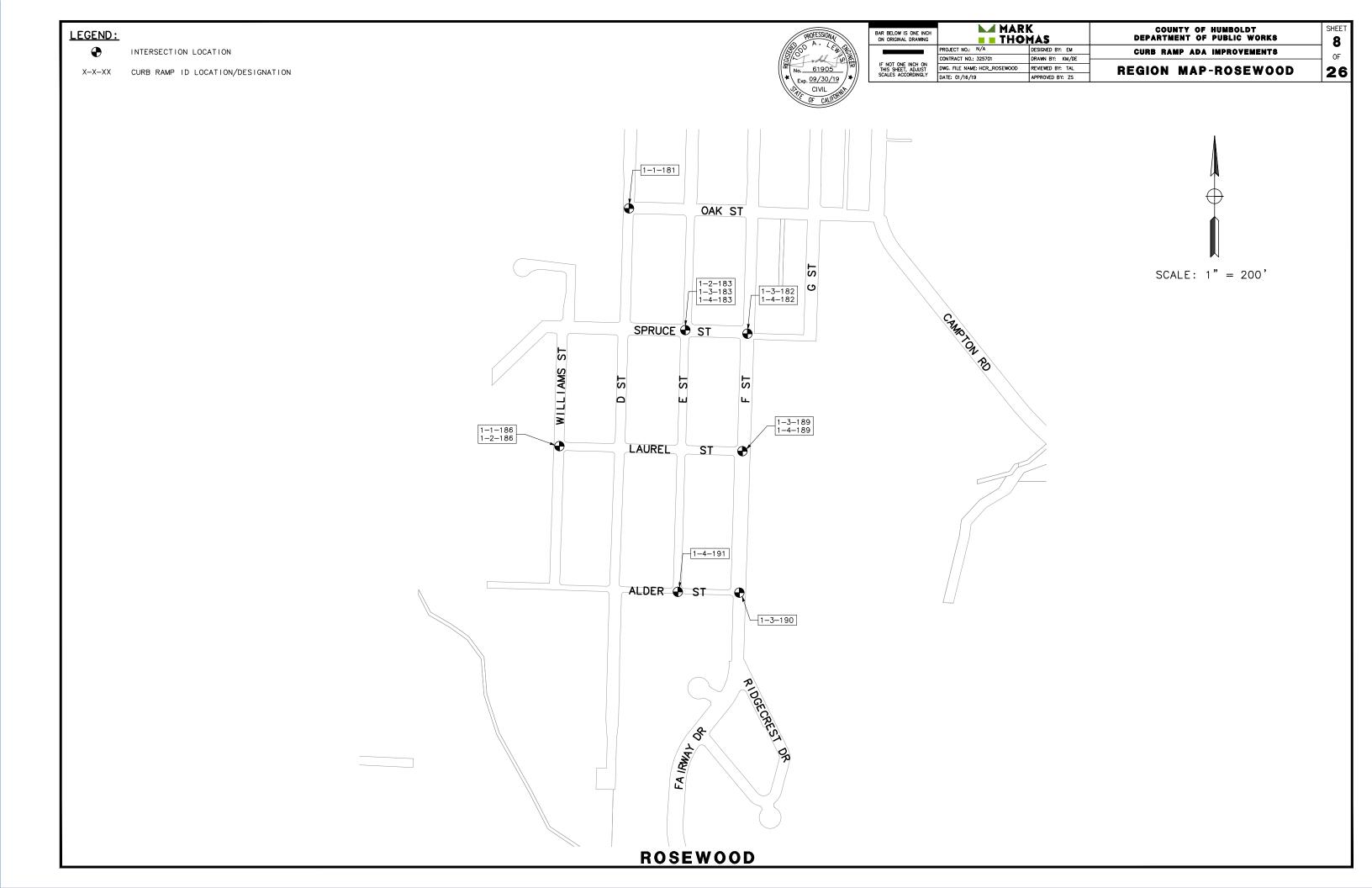


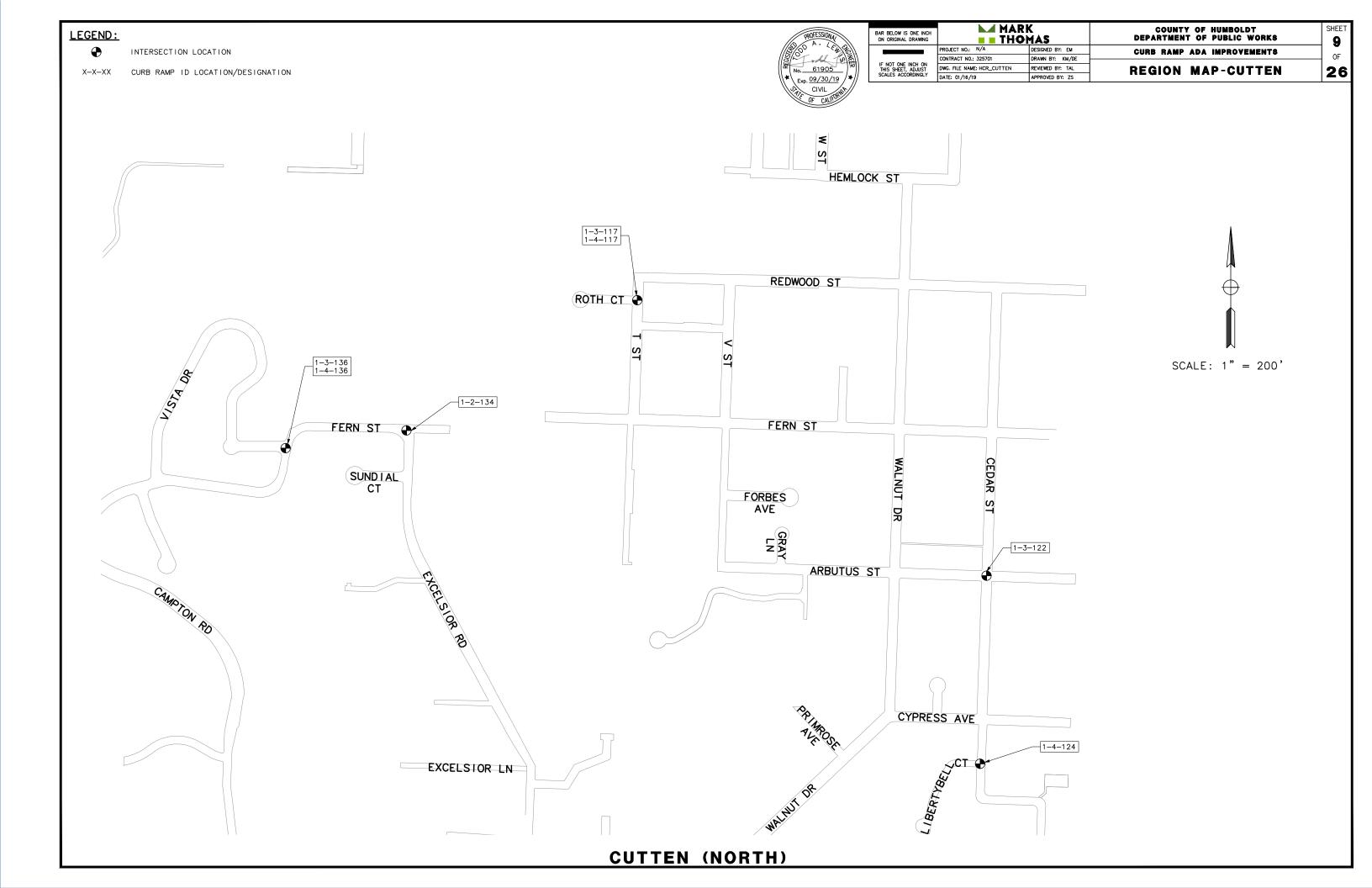


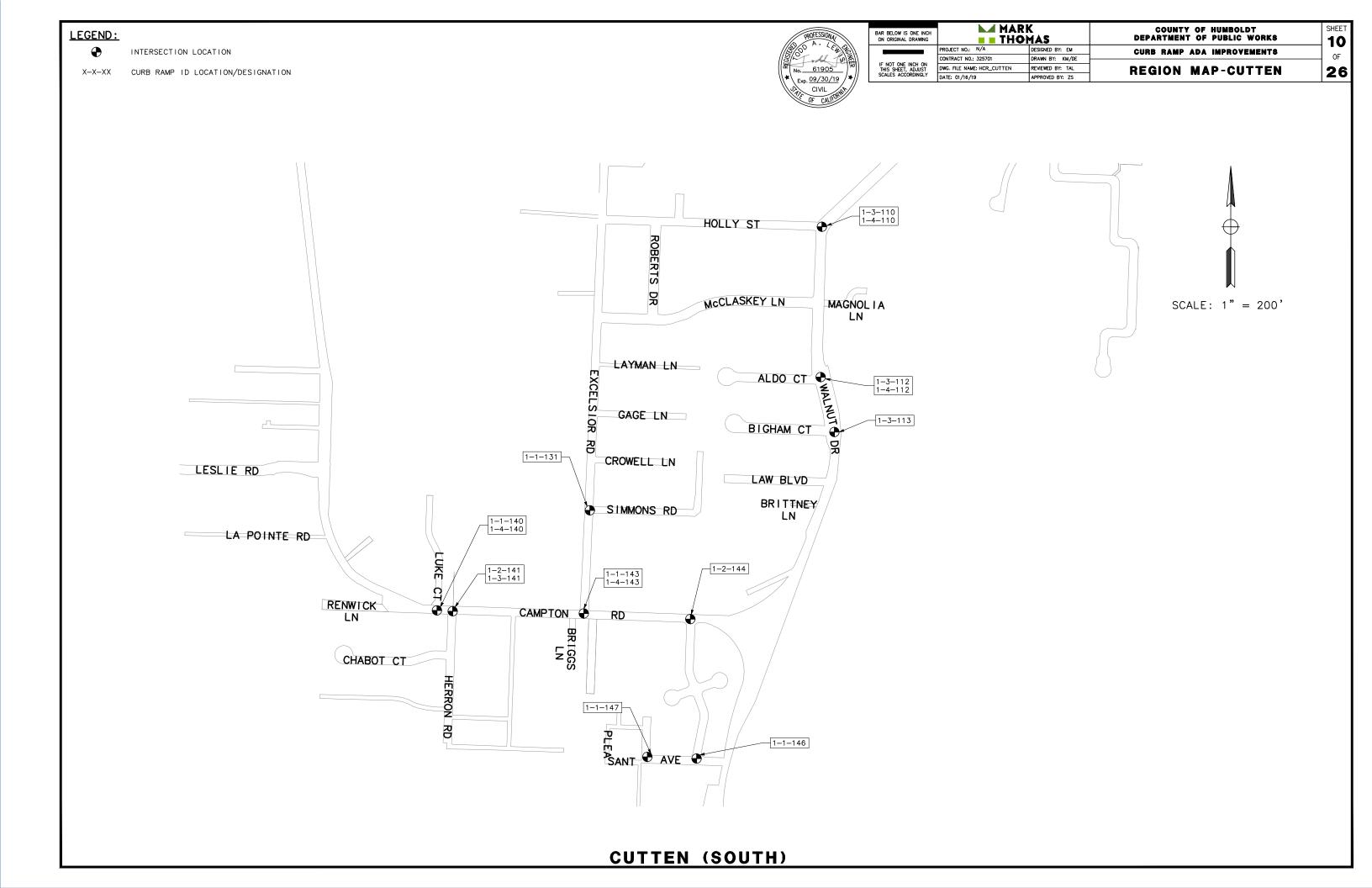


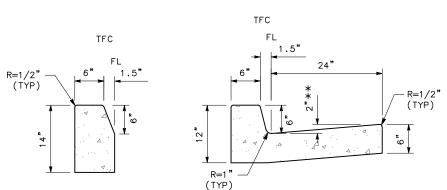












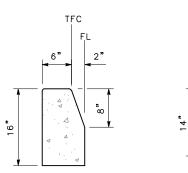
TFC 1.5" 24" SLOPE 2%

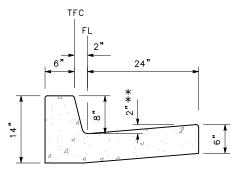
CALTRANS TYPE A1-6

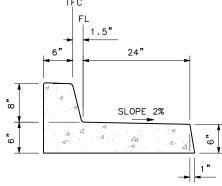
CALTRANS TYPE A2-6

APWA TYPE A3-6

### 6" HIGH CURBS







CALTRANS TYPE A1-8

CALTRANS TYPE A2-8

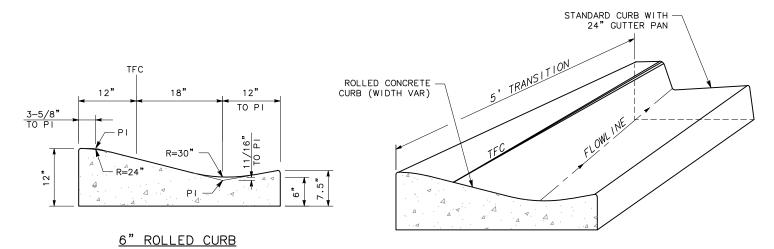
APWA TYPE A3-8

TRANSITION TO STD CURB

\*\* SEE NOTE 20 TO THE RIGHT FOR

ALLOWABLE CROSS SLOPES IN BOTH RAMP AND LANDING AREAS.

### 8" HIGH CURBS



## **ROLLED CURBS**

### **CURB & GUTTER NOTES:**

- 1. CALTRANS TYPE CURBS REFER TO CALTRANS REVISED STANDARD PLAN RSP A87A DATED "APPROVED" 05/31/2018.
- 2. FIGURES HEREON ARE NOT DRAWN TO SCALE, UNLESS OTHERWISE NOTED.
- 3. THE "1/4-INCH PER FOOT" RULE OF THUMB CAN RESULT IN A CROSS SLOPE OF 2.1%. THAT SLOPE EXCEEDS THE ADA (PATH) MAXIMUM OF 2% AND WON'T PASS INSPECTION FOR COMPLIANCE.



BAR BELOW IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

L DRAWING	10HT = =	<u>1A5</u>
	PROJECT NO.: N/A	DESIGNED B
E INCH ON T, ADJUST	CONTRACT NO.: 325701	DRAWN BY:
	DWG. FILE NAME:	REVIEWED BY
	DATE: 01/16/19	APPROVED E

MARK MARK

DEPARTMENT OF PUBLIC WORKS **CURB RAMP ADA IMPROVEMENTS** 

CONSTRUCTION DETAILS

COUNTY OF HUMBOLDT

11

26

### **CONTRACTOR NOTES**

Y: EM

Y: TAL

KM/DE

### CURB & GUTTER

- 1. FORMS SHALL BE CAREFULLY SET TO ALIGNMENT AND GRADE AND SHALL CONFORM TO THE DIMENSIONS AS SHOWN ON THESE PLANS. FORMS SHALL BE HELD RIGIDLY IN PLACE BY STAKES. CLAMPS, SPREADERS, AND BRACES SHALL BE USED WHERE REQUIRED, IN ADDITION, TO ENSURE RIGIDITY IN THE FORM.
- 2. PRIOR TO THE REMOVAL OF THE FORMS, THE SURFACE SHALL BE FINISHED TRUE TO GRADE BY MEANS OF A STRAIGHT EDGE FLOAT, NOT LESS THAN 10 FEET IN LENGTH, OPERATED LONGITUDINALLY OVER THE SURFACE OF THE CONCRETE. FORM CLAMPS SHALL BE SO CONSTRUCTED AS NOT TO INTERFERE WITH THE OPERATION OF THE FLOAT.
- IMMEDIATELY, AFTER REMOVING THE FRONT CURB FORMS, THE FACE OF THE CURB SHALL BE TROWELED SMOOTH TO A DEPTH OF NOT LESS THAN 0.17 FEET (2-1/16 INCHES) BELOW, OR TO THE FLOW LINE OF INTEGRAL CURB AND GUTTER, AND THEN FINISHED WITH A STEEL TROWEL. THE TOP SHALL BE FINISHED AND THE FRONT AND BACK EDGES ROUNDED AS SHOWN HEREON. AFTER THE FACE OF THE CURB HAS BEEN TROWELED SMOOTH, IT SHALL BE GIVEN A FINAL FINE BRUSH FINISH WITH BRUSH STROKES PARALLEL TO THE LINE OF THE CURB.
- THE TOP AND FACE OF THE FINISHED CURB SHALL BE TRUE AND STRAIGHT AND THE TOP SURFACE OF CURBS SHALL BE OF UNIFORM WIDTH, FREE FROM HUMPS, SAGS, OR OTHER NOTICEABLE IRREGULARITIES.
- 5. WHEN A STRAIGHT EDGE 10 FEET LONG IS LAID ON THE TOP FACE OF THE CURB OR ON THE SURFACE OF GUTTERS, THE SURFACE SHALL NOT VARY MORE THAN 0.01 FOOT (1/8 INCH) FROM THE EDGE OF THE STRAIGHT EDGE, EXCEPT AT GRADE CHANGES OR CURVES
- 6. CONCRETE: CURB AND GUTTER SHALL BE POURED INDEPENDENTLY OF THE SW. MONOLITHIC POURING IS NOT PERMITTED.
- 7. CURB DRAINS THROUGH EXIST CURB FACE SHALL BE CORED -OR-REMOVE CURB AND GUTTER FOR A MINIMUM WIDTH OF 1 FOOT, OR 6 INCHES ON EACH SIDE OF THE DRAIN, WHICHEVER IS GREATER. ENGINEER MUST APPROVE THIS WORK IN ADVANCE OF ANY DEMO TO BE STARTED.

### **SIDEWALKS**

- THE SURFACE OF SIDEWALKS SHALL BE MARKED INTO RECTANGLES OF NOT LESS THAN 12 SQUARE FEET NOR MORE THAN 20 SQUARE FEET WITH A SCORING TOOL WHICH WILL LEAVE THE EDGES ROUNDED. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 20 FOOT INTERVALS. THE JOINTS SHALL BE CONSTRUCTED TO A MINIMUM DEPTH OF ONE INCH BY SCORING WITH A TOOL WHICH WILL LEAVE THE CORNERS ROUNDED AND ENSURE A FREE MOVEMENT OF THE CONCRETE AT THE JOINT.
- SURFACES SHALL BE BROOM FINISHED. SURFACES TO BE USED BY PEDESTRIAN TRAFFIC SHALL BE BROOMED TRANSVERSELY TO THE LINE OF TRAFFIC.
- 10. THE SURFACE SHALL NOT VARY MORE THAN 0.02 FEET (1/4-INCH) FROM A 10-FOOT STRAIGHT EDGE, EXCEPT AT GRADE CHANGES, AND THE FINISHED SURFACE SHALL BE FREE FROM BLEMISHES
- 11. REPAIR SHALL BE MADE BY REMOVING AND REPLACING THE ENTIRE UNIT BETWEEN SCORING LINES OR JOINTS.
- 12. OBSTRUCTIONS: PREFERENCE IS TO MAINTAIN A CLEARANCE OF 4 FEET AROUND OBSTRUCTIONS SUCH AS UTILITY POLES, FIRE HYDRANTS, ETC. [REFERENCE: CBC 11B-403.5.1; 28 CFR PART 36 SEC 4.3.3]. A MINIMUM CLEARANCE OF 36-INCHES MUST BE MAINTAINED PER DOJ-ADA 2010 STANDARDS.
- 13. SW WIDTHS VARY BASED UPON ROAD RIGHT OF WAY. TYPICAL COUNTY SW WIDTHS ARE AS FOLLOWS:

WIDTH = 5' FOR RIGHT OF WAYS 50 FFFT OR LESS

WIDTH = 6' FOR RIGHT OF WAYS GREATER THAN 50 FEET

WIDTH = 4' ONLY FOR SPECIAL CIRCUMSTANCES:

THE DEPARTMENT MAY ALLOW 4' SIDEWALK TO BE CONSTRUCTED AS INFILL BETWEEN TWO EXIST STRETCHES OF 4' WIDE SIDEWALK. CONTRACTOR SHALL NOTIFY ENGINEER IN ADVANCE OF THIS INFILL-TYPE SIDEWALK WORK BEING PROPOSED.

SIDEWALK WIDTH MAY BE REDUCED TO 4' BEHIND DRIVEWAY

4' WIDE SIDEWALK REQUIRES 5'x5' PASSING AREA(S) THAT SHALL BE SPACED NO MORE THAN 200' APART.

NOTE: SIDEWALK WIDTHS DO NOT INCLUDE CURBS. SEE CALTRANS HIGHWAY DESIGN MANUAL SECTION 105.1 (05/07/2012).

- 14. MAXIMUM SIDEWALK CROSS SLOPE IS 2%. THE COUNTY PUBLIC WORKS DEPARTMENT REQUESTS THAT FORMS BE BUILT TO 1.5% TO ENSURE THAT CROSS SLOPE DOES NOT EXCEED 2%.
- THE REPAIR AND MAINTENANCE OF SIDEWALKS IS THE RESPONSIBILITY OF THE ADJOINING LOT OWNER. SEE RESOLUTION NO. 97-31 ADOPTED BY THE BOARD OF SUPERVISORS ON 03/04/1997.

### LANDSCAPING

- 16. RECOMMENDED WIDTH OF LANDSCAPE STRIP IS 5 FEET. MINIMUM WIDTH OF LANDSCAPE STRIP IS 3 FEET. MAINTENANCE OF LANDSCAPE AREAS BETWEEN THE CURB AND THE SIDEWALK (PARKWAYS) IS THE RESPONSIBILITY OF THE ADJACENT LOT-OWNER. LANDSCAPING IS NOT COUNTY MAINTAINED.
- 17. STREET TREES REQUIRE A ROOT BARRIER TO PREVENT DAMAGE TO THE CURB, SIDEWALK AND ROAD. CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT FOR TREE SPECIES RECOMMENDATION AND GUIDELINES.
- 18. LANDSCAPING MUST COMPLY WITH THE COUNTY VISIBILITY ORDINANCE (COUNTY CODE SECTION 341-1 ET SEQ.). THE DEPARTMENT RECOMMENDS LOW HEIGHT VEGETATION IN ALL LANDSCAPE STRIPS (LESS THAN 12" TALL).

### CURB RAMP

- 19. ACTUAL ADA REQUIREMENTS ARE REFLECTED ON THESE SHEETS, WHICH MAY BE DIFFERENT THAN THE REQUIREMENTS SHOWN ON CALTRANS REVISED STANDARD PLAN RSP A88A DATED 05/31/2018, CALTRANS REVISED STANDARD PLAN RSP A88A DATED 05/31/2018 WAS DEVELOPED FROM DESIGN INFORMATION BULLETIN (DIB) 82-06 DATED 11/16/2017. SECTION 4.3 (DESIGN STANDARDS) OF THE DIB STATES THAT THE REVISED STANDARD PLAN CONTAINS CONSERVATIVE SLOPES AND WIDTHS THAT ARE DIFFERENT THAN THE ACTUAL ADA SPECIFICATIONS CONTAINED IN THE DIB. SECTION 4.3.8 (CURB RAMPS) AND SECTION 4.3.5 (CROSS SLOPES) OF THE DIB DO BOTH SPECIFY THE ACTUAL ADA REQUIREMENTS.
- 20. MAXIMUM CURB RAMP GRADE IS 8.33%. THE DEPARTMENT RECOMMENDS THAT FORMS BE BUILT TO 7.5% TO ENSURE THAT THE RAMP GRADE DOES NOT EXCEED 8.33%.

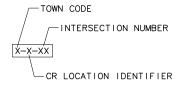
LANDINGS ARE PIVOT POINTS. GRADES AT THE TOP AND BOTTOM OF CURB RAMP LANDINGS ARE 2% MAXIMUM. THE DEPARTMENT RECOMMENDS THAT FORMS BE BUILT TO 1.5% TO ENSURE THAT THE CROSS SLOPE DOES NOT EXCEED 2%.

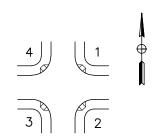
21. CURB RAMPS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1V:12H (8.3%) MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.

### **GENERAL CR CONSTRUCTION NOTES:**

- 1. RAMPS SHALL HAVE A HEAVY BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL.
- 2. NO PULL BOX, UTILITY VAULT, UTILITY POLE, MANHOLE, OR SIMILAR APPURTENANCE SHALL BE LOCATED WITHIN SW RAMP AREA IF IT'S NEW CONSTRUCTION.
- 3. SEE CR PLACEMENT DETAIL FOR LOCATION OF CURB RAMP(S) WITHIN RETURN.
- 4. 5' LONG SW TRANSITION SHALL ACCOMMODATE MONOLITHIC RETAINING CURB, WHERE REQUIRED NEW CURB, GUTTER AND SIDEWALK SHALL CONFORM TO EXISTING CONDITIONS WITHIN TRANSITION.
- 5. WHEN IMPROVEMENTS OR OTHER CONSTRAINTS EXIST AT BOW, ADJUST RADIUS OF CURB LINE TO ACCOMMODATE MIN 50" PATH OF TRAVEL, EXCLUDING THE CURB. APPROVAL FROM COUNTY PUBLIC WORKS AND ENGINEER ARE REQUIRED PRIOR TO THE START OF CONSTRUCTION.
- 6. SLOPE OF LANDING SHALL NOT EXCEED 1.5% IN ANY DIRECTION.
- 7. THE LEADING EDGE OF THE DWS SHALL BE 6" to 8" FROM THE FACE OF CURB (EDGE AT BOC).
- 8. SW AND CR CLEAR WIDTH MEASUREMENTS ARE DETERMINED EXCLUSIVE OF THE CURB WIDTH.
- 9. IT IS DESIRABLE TO LOCATE ALL DRAIN INLETS OUT OF CR AREA; PREFERABLY UPHILL OF THE CR. USE OF DRAIN INLET WITHIN CR AREA REQUIRES PREVIOUS APPROVAL BY THE ENGINEER.
- 10.DWS SHALL BE CAST IN PLACE PREFABRICATED POLYMER INCLUDING ALUMINUM OXIDE ("ARMOR-TILE" OR EQUAL) COLOR TO BE FEDERAL COLOR No. 33538 OR APPROVED EQUAL. DOMES SHALL BE 'IN-LINE' PATTERNS, PARALLEL TO CURBING, WITH A HEIGHT OF 0.2", BASE DIAMETER OF 0.9" MIN TO 0.92" MAX, AND TOP DIAMETER OF 0.45" MIN TO 0.47" MAX, SPACED 2.35" O.C. FIELD SURFACE AND TOP OF DOMES TO HAVE A DOTTED TEXTURE FOR SLIP RESISTANCE. DENSITY OF DOTS IN FIELD AREA SHALL BE 30 PER SQUARE INCH MIN. MIN DEPTH OF DWS SHALL BE 3' AND THE WIDTH SHALL MATCH THE LANDING PAN WIDTH OR RAMP WIDTH. DWS SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN, LESS 0.10' MAX ON EACH SIDE, EXCLUDING ANY FLARED RAMPS ON EITHER SIDE OF THE CR LANDING.

EXCEPTION: 'GLUE AND SCREW' MAY BE APPROVED BY ENGINEER WHEN THE SURFACE WHERE THE DWS WILL BE PLACED IS NOT BEING RECONSTRUCTED.





TOWN NAME	TOWN CODE
EUREKA	1
ARCATA	2
McKINLEYVILLE	3
WESTHAVEN	4
ORICK	5
WILLOW CREEK	6
ORLEANS	7
BLUE LAKE	8
TABLE BLUFF	9
LOLETA	10
FERNDALE	11
ROHNERVILLE	12
FORTUNA	13
HYDESVILLE	14
SCOTIA	15
MIRANDA	16
REDWAY	17
GARBERVILLE	18

CR LOCATION INDEX



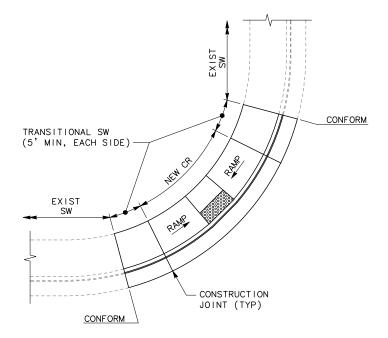


BAR BELOW IS ONE INCH ON ORIGINAL DRAWING	MARI	_
	PROJECT NO.: N/A	DESIGNED BY: EM
	CONTRACT NO.: 325701	DRAWN BY: KM/DE
IF NOT ONE INCH ON THIS SHEET, ADJUST	DWG. FILE NAME:	REVIEWED BY: TAL
SCALES ACCORDINGLY	DATE: 01/16/19	APPROVED BY: ZS

DEPARTMENT OF PUBLIC WORKS CURB RAMP ADA IMPROVEMENTS 26

COUNTY OF HUMBOLDT

CONSTRUCTION DETAILS

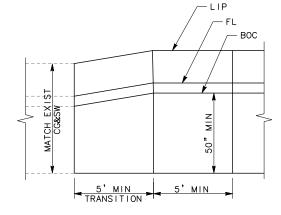


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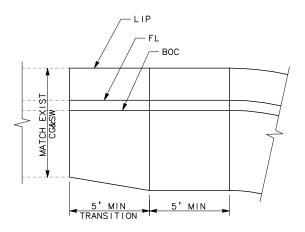
1. WHEN EXIST SW HAS A CROSS SLOPE THAT EXCEEDS 2% PROVIDE A 5' MIN LENGTH TRANSITION SW TO CONFORM TO THE EXIST SW CROSS SLOPE. PROVIDE A CONSTRUCTION JOINT TO ALLOW THE TRANSITION SW TO BE EASILY REMOVED WHEN SW IS REPLACED.



CURB RETURN RADIUS TABLE			
	LOCAL ROAD	COLLECTOR ROAD & ARTERIAL ROAD	INDUSTRIAL USE AREAS & TRUCK ROUTES
LOCAL ROAD	15'	20'	N/A
COLLECTOR ROAD & ARTERIAL ROAD	20'	25'	40'
INDUSTRIAL USE AREAS & TRUCK ROUTES	N/A	40'	40'



### TRANSITION SW AT GUTTER



TRANSITION SW AT BOW

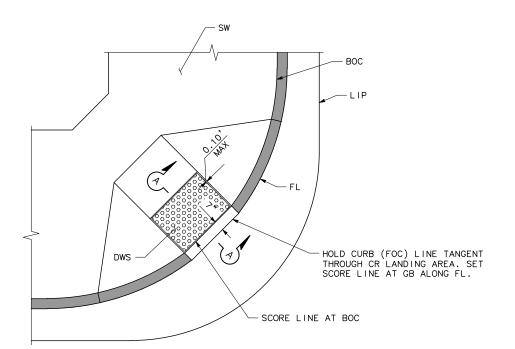
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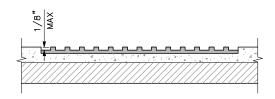
SW WIDTH TRANSITION TO BEGIN A MIN OF 5' AWAY FROM TOP OF CR FLARE LIMIT.





COUNTY CURB RETURN RADIUS TABLE



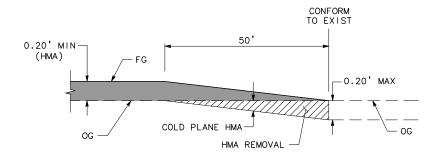


SECTION A-A

### **NOTES:**

- 1. DWS SHALL BE CAST IN PLACE.
- 2. DWS SHALL BE FLUSH WITH RAMP AND HAVE A MAX VERTICAL TOLERANCE OF 1/2".

# DETECTABLE WARNING SURFACE (DWS) DETAIL



HMA PAVEMENT CONFORM GRIND DETAIL NOT TO SCALE



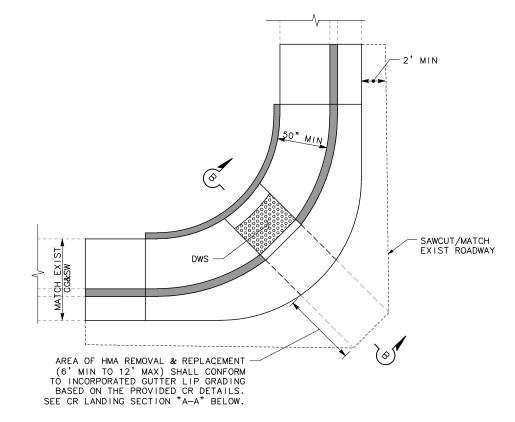
BELOW IS ONE INCH ORIGINAL DRAWING	THOMAS			
	PROJECT NO.: N/A	DESIGNED BY: EM		
NOT ONE INCH ON HIS SHEET, ADJUST CALES ACCORDINGLY	CONTRACT NO.: 325701	DRAWN BY: KM/DE		
	DWG. FILE NAME:	REVIEWED BY: TAL		
	DATE: 01/16/19	APPROVED BY: ZS		

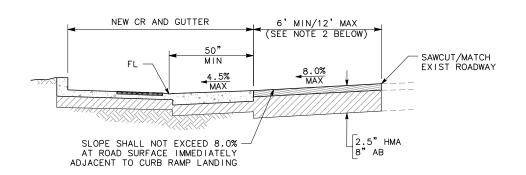
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS DESIGNED BY: EM CURB RAMP ADA IMPROVEMENTS DRAWN BY: KM/DE REVIEWED BY: TAL

CONSTRUCTION DETAILS

13

26



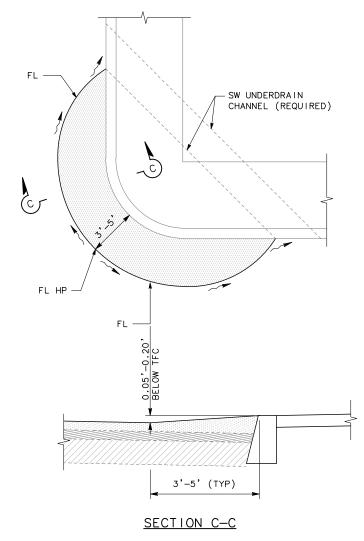


### SECTION B-B

### NOTES:

- 1. REFER TO APPROPRIATE CR DETAIL FOR INFORMATION ON SPECIFIC CR CONSTRUCTION.
- 2. COUNTY PUBLIC WORKS OR ENGINEER SHALL COORDINATE LIMITS OF CONFORM PAVING WITH CONTRACTOR (IF SURVEY IS REQUIRED FOR CONSTRUCTION).









BELOW IS ONE INCH ORIGINAL DRAWING	MARI	_
	PROJECT NO.: N/A	DESIGNED BY: EM
	CONTRACT NO.: 325701	DRAWN BY: KM/DE
	DWG. FILE NAME:	REVIEWED BY: TAL
ALES ACCORDINGLY	DATE: 01 /40 /40	1000001ED DV 30

CURB RAMP ADA IMPROVEMENTS

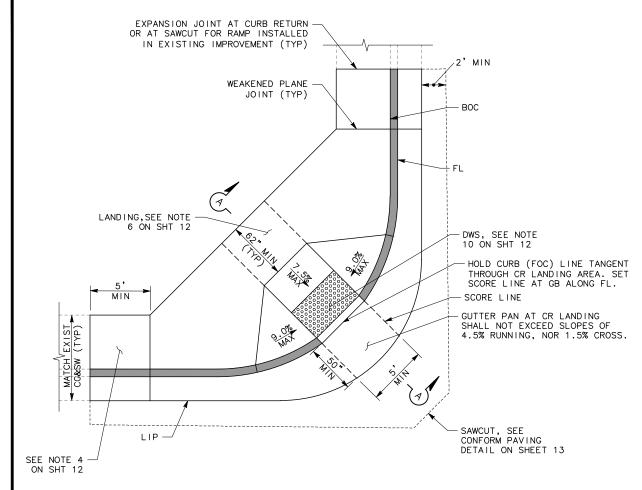
**CONSTRUCTION DETAILS** 

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

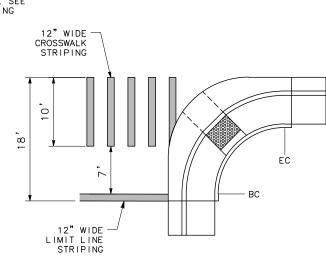
14

26

	THOOLOT HOLE 7		
	CONTRACT NO.: 325701		
NE INCH ON ET, ADJUST	DWG. FILE NAME:		
CCORDINGLY	DATE: 01/16/19		

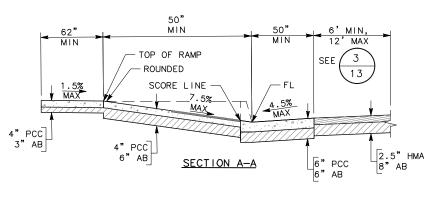


TRANSITION - EXPANSION JOINT AT CURB RETURN OR AT SAWCUT FOR RAMP INSTALLED IN EXISTING IMPROVEMENT (TYP) MARKED CROSSING, SEE CROSSWALK STRIPING DETAIL BELOW BOC BOW EXIST (TYP) MATCH PERPENDICULAR CURB RAMPS CALTRANS TYPE A2-6 C&G 5' TRANSITION (TYP)



### PERPENDICULAR CR PLACEMENT DETAIL CR TYPE 2A NOT TO SCALE

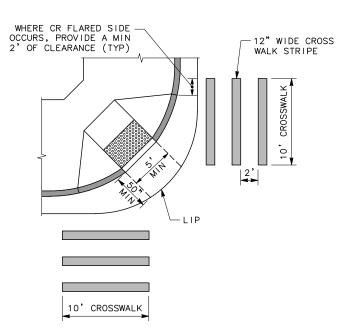
### CROSSWALK AND LIMIT LINE AT SIGNALIZED INTERSECTIONS DETAIL NOT TO SCALE



### NOTE:

1. SEE CR PLACEMENT DETAIL FOR CR PLACEMENT REQUIREMENTS. IF TWO CURB RAMPS OF THIS DESIGN ARE TO BE LOCATED ON ONE CORNER, THEY MUST BE A MINIMUM OF 4' APART MEASURED FROM BACK OF CURB.

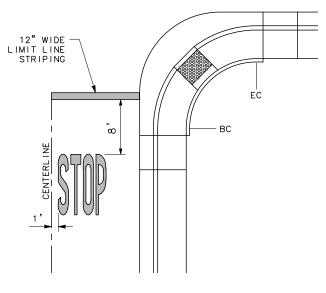




### **NOTES:**

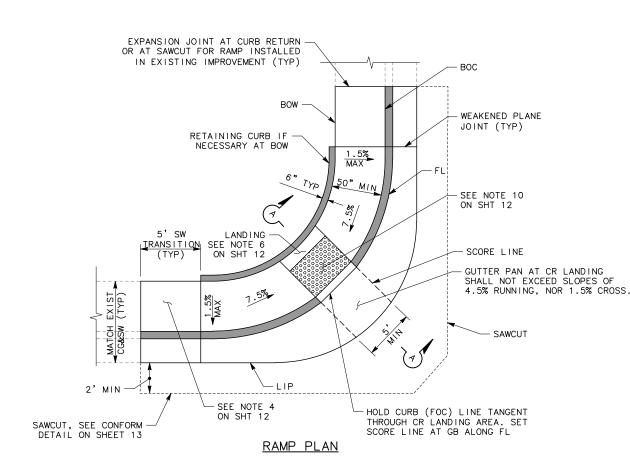
- 1. NEW CROSSWALK STRIPING SHALL ONLY BE PLACED IN LIEU OF EXISTING CROSSWALK STRIPING; TO BE VERIFIED BY ENGINEER.
- 2. REMOVE AND REPLACE EXIST CROSSWALK STRIPING AS NECESSARY TO ALIGN WITH NEW CURB RAMPS PER CA MUTCD. REPLACEMENT CROSSWALK STRIPING SHALL BE 'CONTINENTAL STYLE' AND MATCH THE EXIST CROSSWALK COLOR.

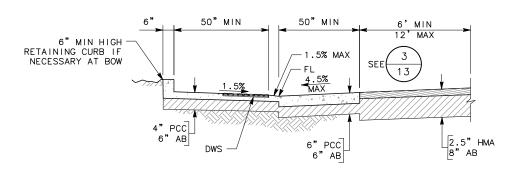




1. SEE CALTRANS STANDARD PLAN A24 FOR PAVEMENT MARKING DETAILS NOT SHOWN.





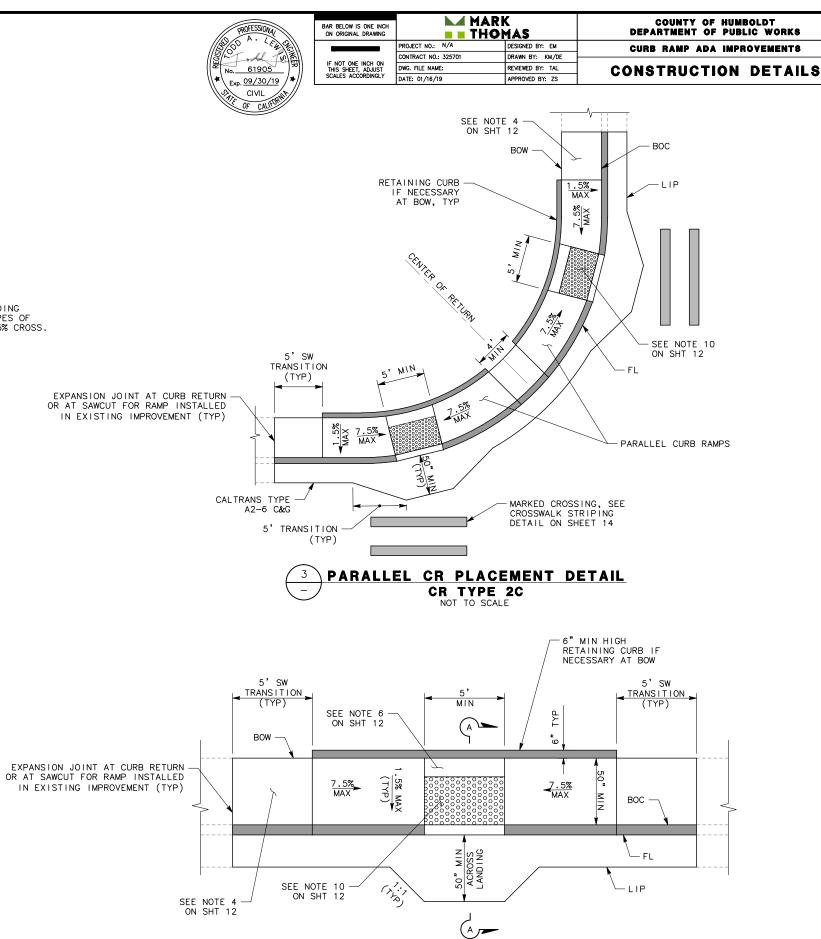


LANDING SECTION A-A
(FOR BOTH CR TYPE C & CR TYPE CT)

### NOTES:

- 1. STEEPER GUTTER SLOPES REQUIRE SPECIAL DESIGN APPROVAL BY THE COUNTY ENGINEER OR ARCHITECT.
- 2. ENGINEER OR ARCHITECT SHALL MAKE INDIVIDUAL PAVEMENT ADJUSTMENTS WHEN INSTALLING CR IN EXIST PAVED AREAS. SEE PAVEMENT CONFORM DETAIL ON SHEET 12.





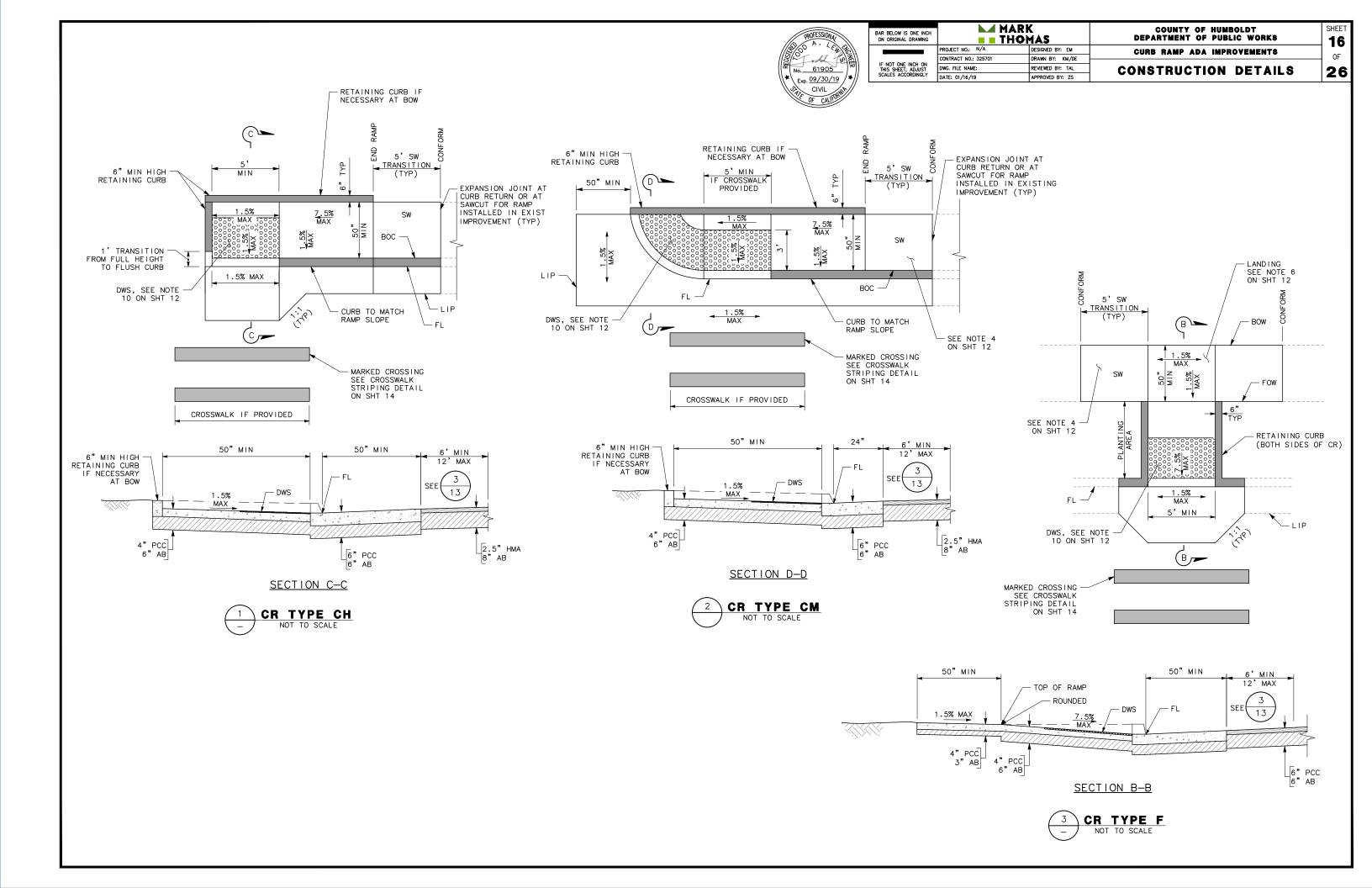
PARALLEL CR PLACEMENT DETAIL

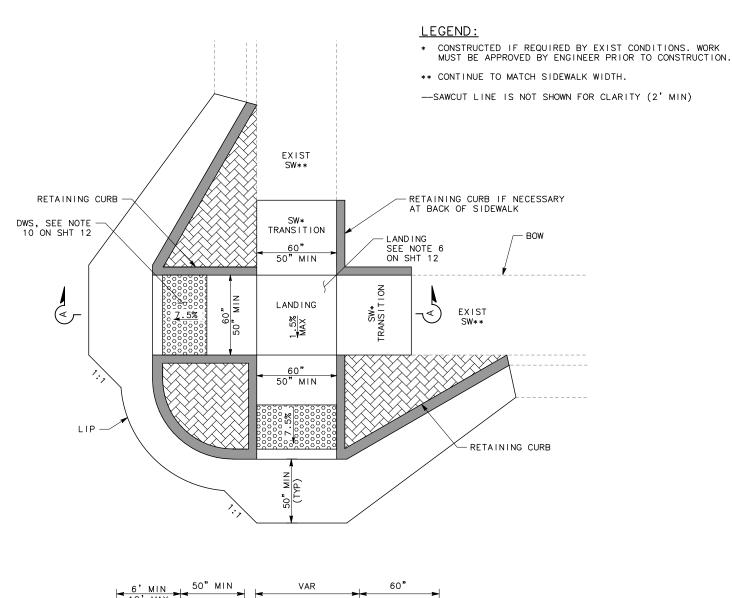
CR TYPE CT

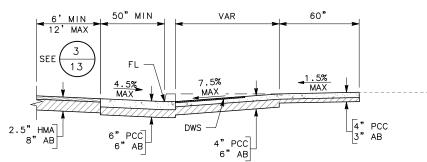
NOT TO SCALE

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SECTION A-A

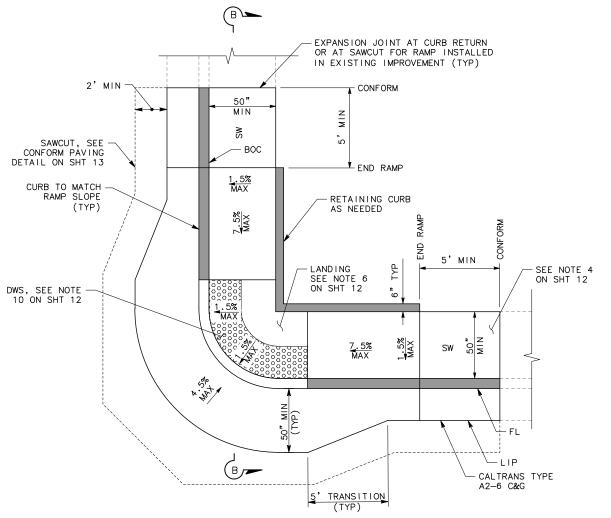


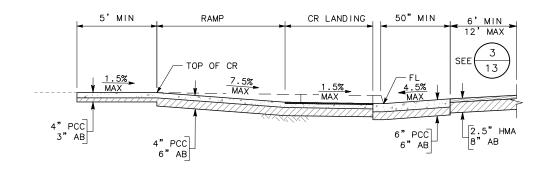


BAR BELOW IS ONE INCH ON ORIGINAL DRAWING	MARI	-	
	PROJECT NO.: N/A	DESIGNED BY: EM	
	CONTRACT NO.: 325701	DRAWN BY: KM/DE	
IF NOT ONE INCH ON THIS SHEET, ADJUST	DWG. FILE NAME:	REVIEWED BY: TAL	
SCALES ACCORDINGLY	DATE: 01/16/19	APPROVED BY: ZS	

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS **17** CURB RAMP ADA IMPROVEMENTS OF 26

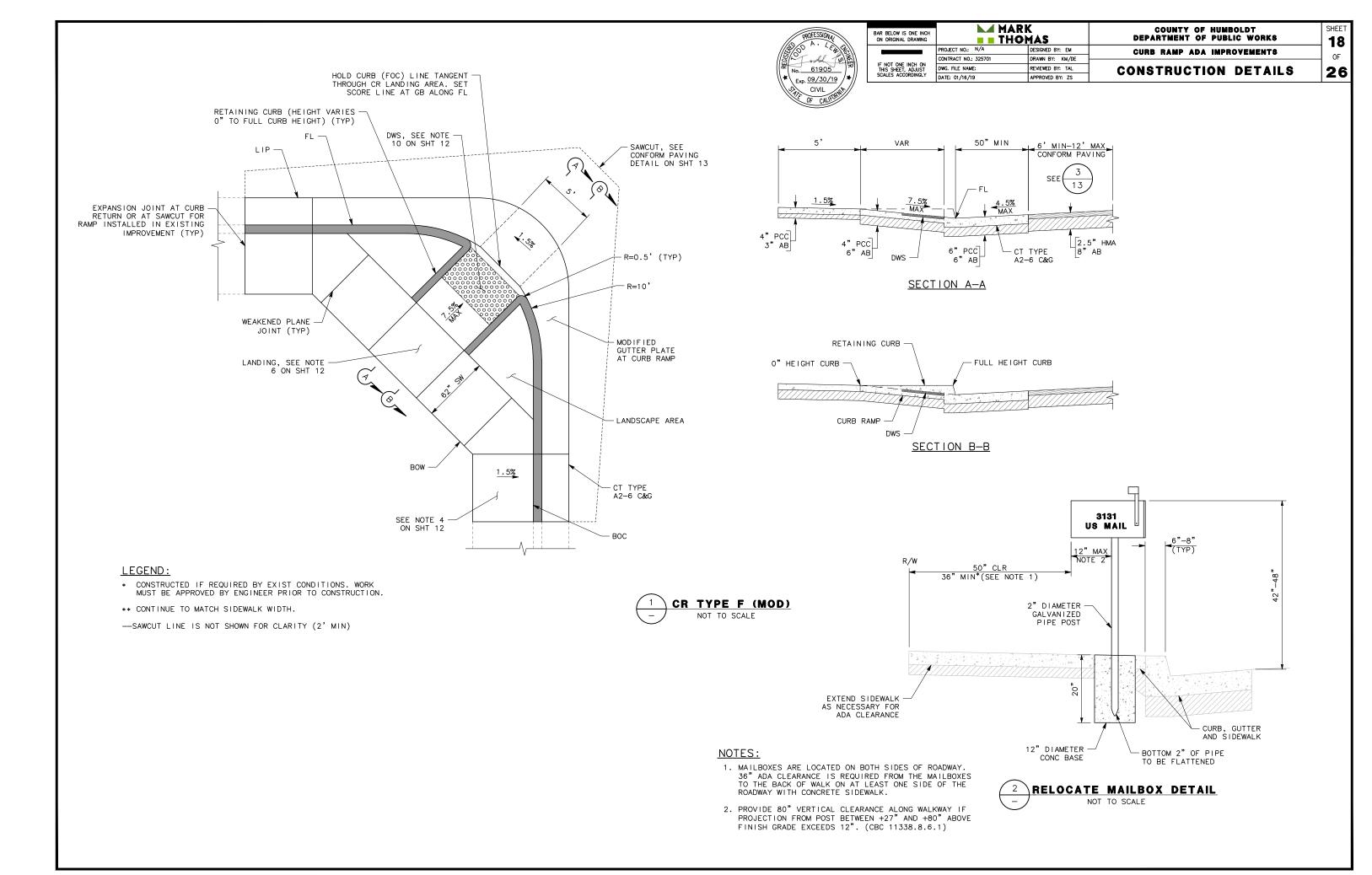
**CONSTRUCTION DETAILS** 

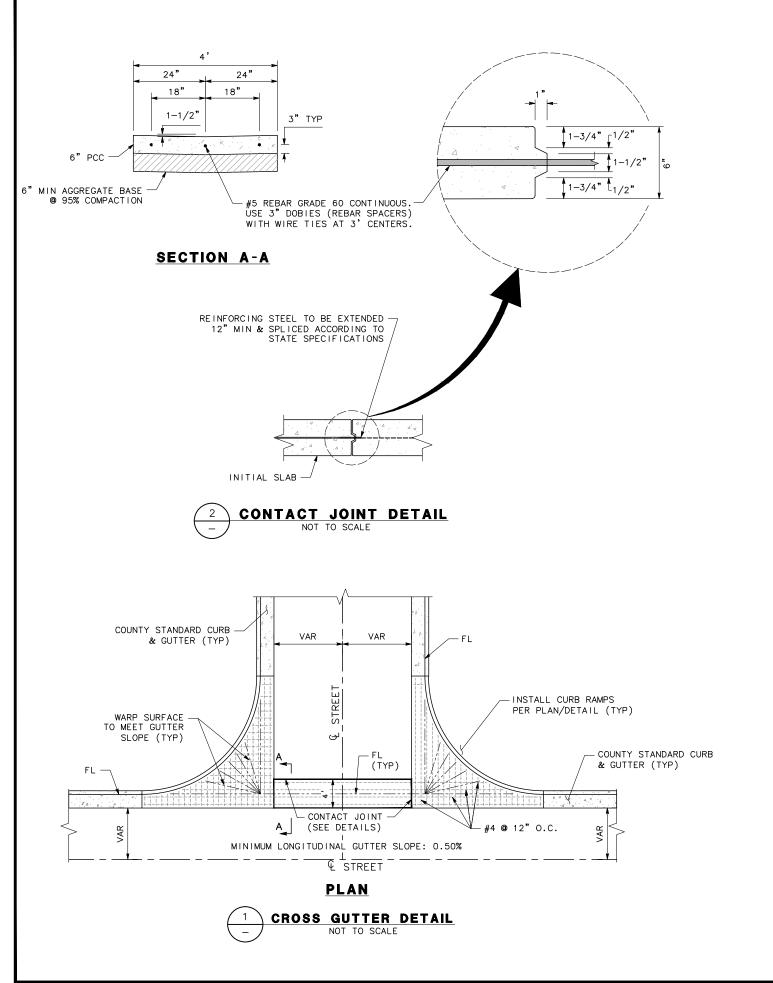




SECTION B-B









BAR BELOW IS ONE INCH ON ORIGINAL DRAWING	MARK THOMAS		
	PROJECT NO.: N/A	DESIGNED BY: EM	
	CONTRACT NO.: 325701	DRAWN BY: KM/DE	
IF NOT ONE INCH ON THIS SHEET, ADJUST	DWG. FILE NAME:	REVIEWED BY: TAL	
SCALES ACCORDINGLY	DATE: 01/16/19	APPROVED BY: 7S	

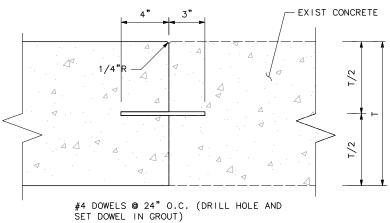
COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS

CURB RAMP ADA IMPROVEMENTS

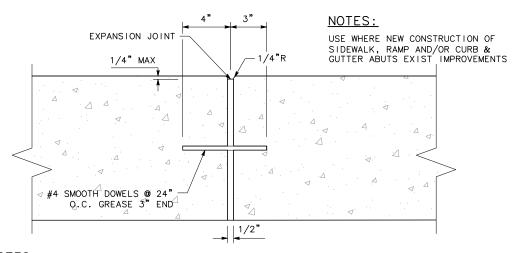
OF

26

CONSTRUCTION DETAILS



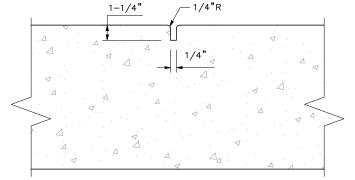
# 6 SIDEWALK CONTACT JOINT DETAIL NOT TO SCALE

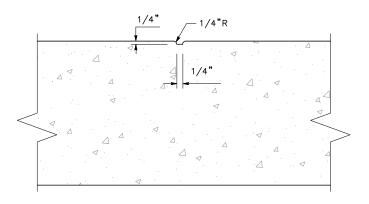


### NOTES:

USE AT 60' ON CENTER IN SIDEWALK CURB & GUTTER, MEDIAN CURBS, & MEDIAN FLATWORK. ALSO USE AT MAJOR CORNER RETURNS, SIDES OF RAMPS, DRIVEWAYS & LOCATIONS SHOWN ON PLANS & AS SPECIFIED IN SPECIFICATIONS.







WEAKENED PLANE JOINT DETAIL

NOT TO SCALE



**MARK** BAR BELOW IS ONE INCH ON ORIGINAL DRAWING THOMAS PROJECT NO.: N/A DESIGNED BY: EM CONTRACT NO.: 325701 DRAWN BY: KM/DE DWG. FILE NAME: REVIEWED BY: TAL APPROVED BY: ZS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS CURB RAMP ADA IMPROVEMENTS

**CONSTRUCTION DETAILS** 

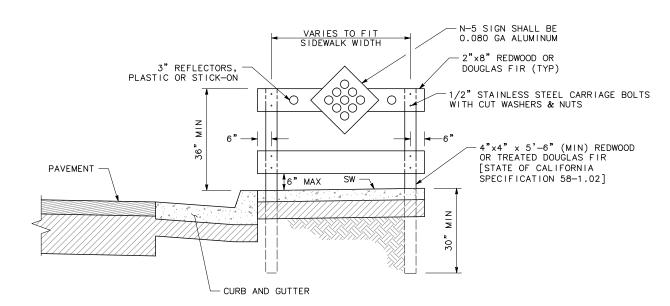
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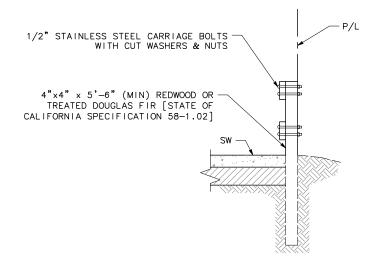
26

all to Exp. 09/30/19

P/L -6 WF 25 STEEL POSTS @ 4' C-C -3/8" STAINLESS STEEL BOLT, WASHER, AND NUT; ONE EACH BOARD AT EACH POST -2"x12" BOARDS TREATED DOUGLAS FIR PLACE AGAINST OG

**DETAIL FOR SW BARRICADE** WITH RETAINING WALL

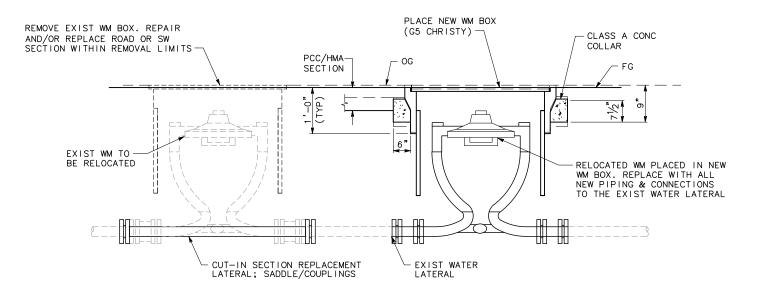




### NOTES:

DRAIN ROCK 6" MIN BELOW CONCRETE FOUNDATION

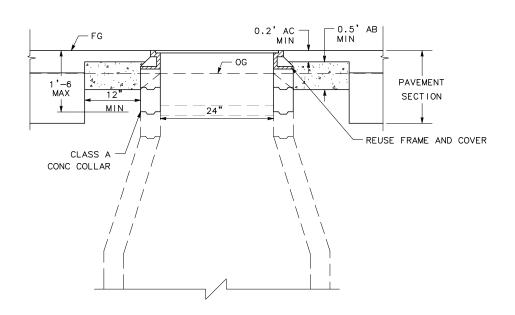
- 1. SIDEWALK BARRICADES TO BE ERECTED AT EACH LOCATION WHERE SATISFACTORY PROVISION CAN NOT BE MADE FOR PEDESTRIAN TO CONTINUE BEYOND THE TERMINUS OF A SIDEWALK AND/OR A PHYSICAL SAFETY HAZARD IS PRESENT.
- 2. ALL EXPOSED SURFACES TO BE PAINTED WITH TWO (2) COATS OF WHITE PAINT CONFORMING TO SECTION 91-3 OF STATE SPECIFICATIONS.
- 3. USE OF THIS DRAWING IS RESTRICTED TO LOCATIONS APPROVED TO BE BUILT WITH ATTACHED SIDEWALK.



### NOTES:

- 1. TYPICAL FOR UTILITY VALVE BOX, WATER VAULT, AND PULL BOXES.
- 2. UTILITY BOXES ARE NOT ALLOWED WITHIN CR LIMITS (ADA REQUIREMENT).







ADJUST MANHOLE TO GRADE DETAIL

NOT TO SCALE

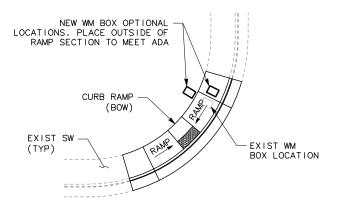


### NOTES:

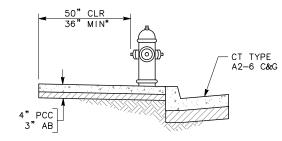
- 1. UTILITY POLE GUY WIRE RELOCATION BY OTHERS.
- 2. CLEAR APPROACH AREA (TO MEET ADA) WILL COVER A 4'-2" (50") WIDE BY 7' TALL AREA.

### **LEGEND:**

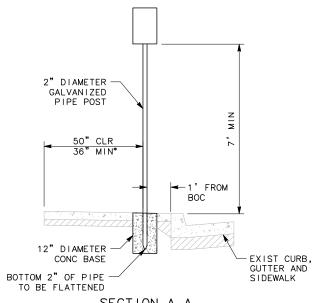
- \* CONSTRUCTED IF REQUIRED BY EXIST CONDITIONS. WORK MUST BE APPROVED BY ENGINEER PRIOR TO CONSTRUCTION.
- \*\* CONTINUE TO MATCH SIDEWALK WIDTH.
- -- SAWCUT LINE IS NOT SHOWN FOR CLARITY (2' MIN)

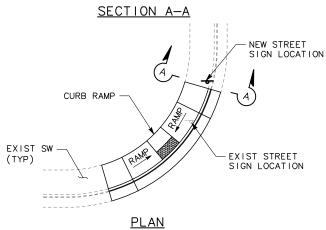




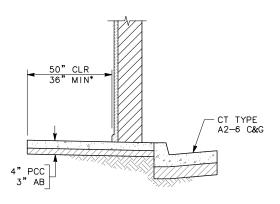


ABOVE GROUND UTILITY APPURTENANCES

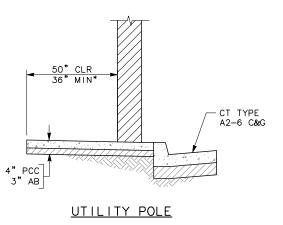








UTILITY POLE (w/ DOWN GUY)



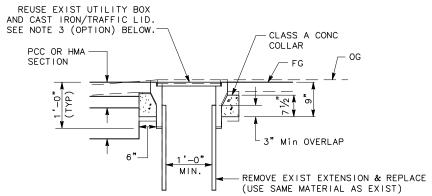




RIGINAL DRAWING	THO	MAS	DEPARTMENT OF PUBLIC WORKS				
	PROJECT NO.: N/A	DESIGNED BY: EM	CURB RAMP ADA IMPROVEMENTS	OF			
OT ONE INCH ON	CONTRACT NO.: 325701	DRAWN BY: KM/DE					
	DWG. FILE NAME:	REVIEWED BY: TAL	CONSTRUCTION DETAILS				
ES ACCORDINGLY	DATE: 01/16/19	APPROVED BY: ZS					

COUNTY OF HUMBOLDT

SHEET



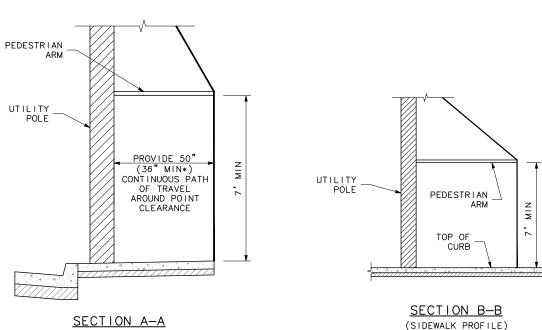
### NOTES:

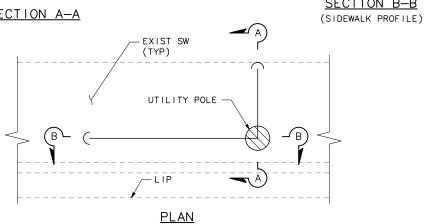
- 1. FOR ALL VALVE BOXES, PULL BOXES, AND SEWER CLEANOUTS.
- 2. WATER VALVE BOX SHOWN ABOVE FOR EXAMPLE.

MARK

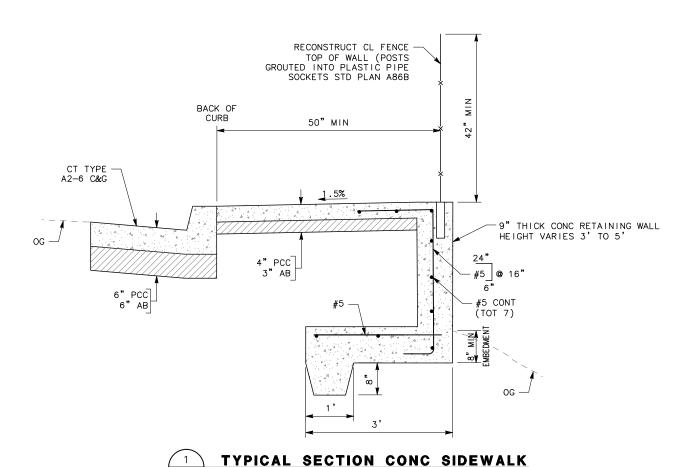
3. RESIDENT ENGINEER SHALL DETERMINE CONDITION OF LID FOR REUSE.

# 5 ADJUST UTILITY BOX TO GRADE DETAIL NOT TO SCALE

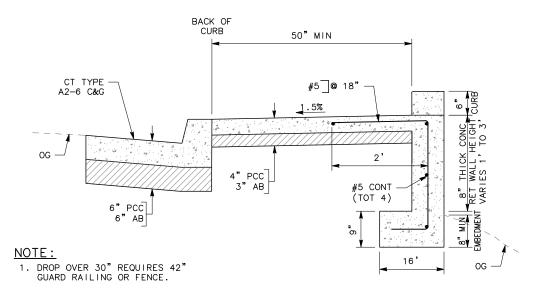








WITH RETAINING WALL H=3' TO 5'







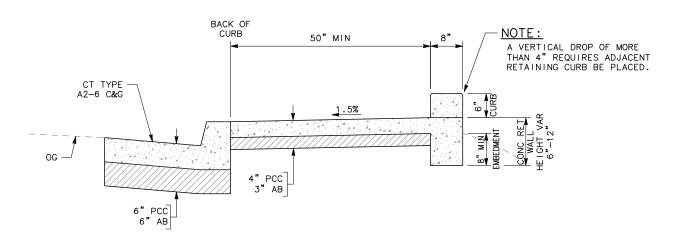


COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS 22 CURB RAMP ADA IMPROVEMENTS

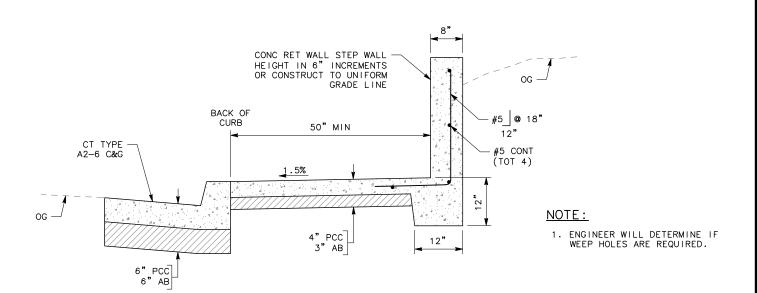
OF

26

CONSTRUCTION DETAILS



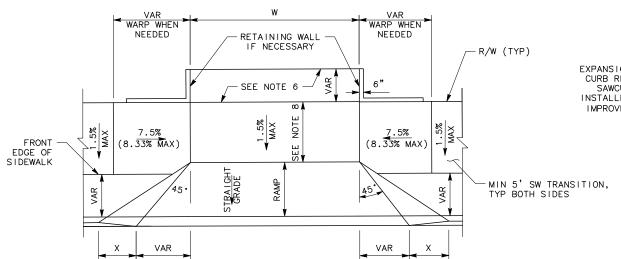
TYPICAL SECTION CONC SIDEWALK WITH RETAINING WALL H=1' OR LESS

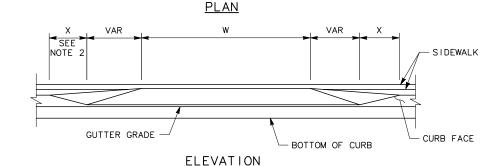


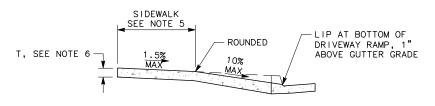
TYPICAL SECTION CONC SIDEWALK WITH RETAINING WALL H=1' TO 3'

### NOTES:

- 1. CASE A DRIVEWAY SECTION TYPICALLY APPLIES.
- 2. USE CASE B DRIVEWAY SECTION WHEN RAMP SLOPES WOULD EXCEED 10% IN CASE A.
- 3. USE CASE B DRIVEWAY SECTION WHEN SW CROSS SLOPE WOULD EXCEED 2% IN CASE A.
- 4. X=3'-0" EXCEPT FOR CURB HEIGHTS OVER 10" WHERE 4:1 SLOPES SHALL BE USED ON CURB SLOPE.
- 5. X IS A VARIABLE WHEN SW IS LOCATED WHERE WHEELCHAIRS MAY TRAVERSE THE SURFACE. SLOPES SHALL NOT EXCEED 8 3782
- 6. SIDEWALK AND RAMP THICKNESS ('T') AT DRIVEWAY SHALL BE 4" FOR RESIDENTIAL AND 6" FOR COMMERCIAL.
- 7. DIFFERENCE IN SLOPE OF THE DRIVEWAY RAMP AND THE SLOPE OF A LINE BETWEEN THE GUTTER AND A POINT ON THE ROADWAY 5'-O" FROM GUTTER LINE SHALL NOT EXCEED 15%. REDUCE DRIVEWAY RAMP SLOPE, NOT GUTTER SLOPE, WHERE REQUIRED.
- 8. MINIMUM WIDTH OF CLEAR PASSAGEWAY FOR SIDEWALK SHALL BF 4'-2"
- RETAINING CURBS AND ACQUISITION OF CONSTRUCTION EASEMENT MAY BE NECESSARY FOR NARROW SW OR CURB HEIGHTS IN EXCESS OF 6".
- 10. ACROSS THE PEDESTRIAN ROUTE AT CR LOCATIONS, THE GUTTER PAN SLOPE SHALL NOT EXCEED 1" OF DEPTH FOR FACH 2'-0" OF WIDTH.

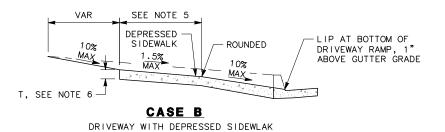






CASE A

TYPICAL DRIVEWAY, SIDEWALK NOT DEPRESSED







BAR BELOW IS ONE INCH ON ORIGINAL DRAWING	MARI	-	
	PROJECT NO.: N/A	DESIGNED BY: EM	
	CONTRACT NO.: 325701	DRAWN BY: KM/DE	
IF NOT ONE INCH ON THIS SHEET, ADJUST	DWG. FILE NAME:	REVIEWED BY: TAL	
SCALES ACCORDINGLY	DATE: 01/16/19	APPROVED BY: ZS	

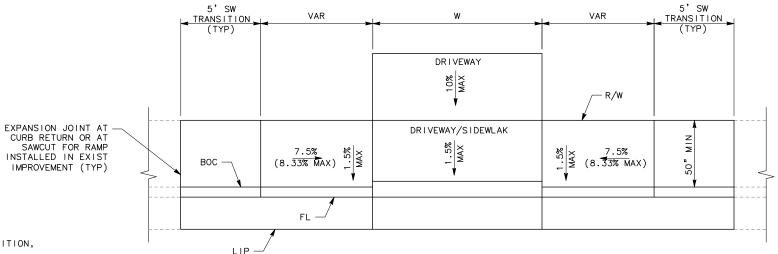
COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS

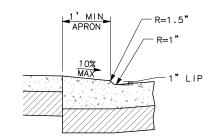
CURB RAMP ADA IMPROVEMENTS

OF

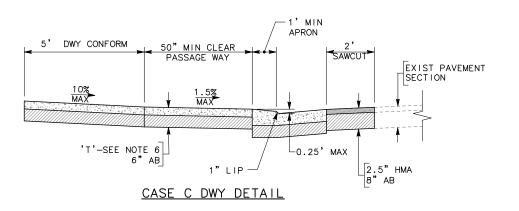
26

CONSTRUCTION DETAILS





### CASE C DWY DETAIL





CONTRACT NO.: 325701

DWG. FILE NAME:

DATE: 01/16/19

DRAWN BY: KM/DE

**CURB RAMP ADA IMPROVEMENTS** CURB RAMP QUANTITY TABLE | 26

SHEET

24



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HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS CURB RAMP INVENTORY

DRIVEWAY

EXIST

SW

CONC CURB | CONC SW

CROSS

CONC

CURB/

CURB

CONC

AB CL2

HMA

CURB | FIRST CROSS

CURB

SECOND CROSS

CONTRACT NO.: 325701

DRAWN BY: KM/DE REVIEWED BY: TAL

SHEET **25** CURB RAMP QUANTITY TABLE 26



PROFESSIONAL DA . LEW CE	
61905	
p. <u>09/30/19</u>	
OF CALIFORNIA	
OF CALL	

												HUMBO		TY DEPARTM	IENT OF PUBL	IC WORKS							
RAMP I	RAMP	FIRST CROSS STREET ROAD NAME	SECOND CROSS STREET ROAD NAME	REGION	HMA (TON)	AB CL2 (CY)	CONC REMOVAL (SQFT)	CURB HEIGHT (IN)	CONC CURB/ C&G (CY)	CONC CURB RAMP (EA)	CONC SW (CY)	EXIST SW WIDTH (IN)	CROSS GUTTER (CY)	DRIVEWAY (CY)		RELOCATE MAILBOX (EA)	RELOCATE FIRE HYDRANT (EA)	ADJUST MH TO GRADE (EA)	ADJUST SSCO TO GRADE (EA)	ADJUST UTILITY BOX TO GRADE (EA)	ADJUST DI TO GRADE (EA)	SW BARRICADE (EA)	NOTES
1-1-75	С	Hubbard Lane	Harris Street		1.9	7.48	379.09	6	1.42	1	0.7	60	2.15										EXIST RET WALL, REPLACE CROSS GUTTER RETURN APRON
1-2-80	CM	Harris Street	Community Forest	] [	1.90	4.85	199.5	6	2.55	1	0.4	71									1		
1-3-80	CM	Harris Street	Entrance		1.90	4.85	199.5	6	2.55	1	0.4	71											1
1-3-82		Freese Avenue	Cedar Lane	]				6														1	SW BARRICADE
1-1-90	CH			Myrtletown	1.8	3.82	89.8	6	1.7	1	0.3	54											
1-2-90	CH	Walford Avenue	Wilson Street	(South)	1.8	3.82	89.8	6	1.7	1	0.3	54											
1-4-90	С			1	2.1	5.24	161.8	6	3	1	0.6	54			1								
1-1-91	A	Montgomery Street	Wilson Street		2.50	7.90	401.2	6	3.51	1	2.7	54											
1-2-92	CT	Harrison Avenue	Manzanita Avenue		2.40	5.39	206.8	6	2.42	1	0.3	54			1				1				
1-1-95	С	Harrison	Eni- Church (Wash)		2.1	5.24	161.8	6	3	1	0.6	45/54			1								
1-2-95	С	Avenue	Erie Street (West)		2.1	5.21	152.5	6	3	1	0.6	44								1		1	EXIST RET WALL, SW BARRICADE
1-1-96	A	Harrison Avenue	Renfrew Street	],,,,	2.50	7.90	308.5	6	3.51	1	2.7	54			1					2			EXIST RET WALL
1-1-98	С	Harrison		Myrtletown (Central)	2.1	5.21	152.5	6	3	1	0.6	42			1					1			EXIST RET WALL
1-2-98	С	Avenue	Christensen Way	( , , , , ,	2.1	5.21	152.5	6	3	1	0.6	42											EXIST RET WALL
1-1-99	С	Harrison		1 1	2.1	5.21	152.5	6	3	1	0.6	48			1				1			1	EXIST RET WALL, SW BARRICADE EAST LEG
1-2-99	С	Avenue	Munson Street		2.1	5.21	152.5	6	3	1	0.6	48										1	EXIST RET WALL, SW BARRICADE EAST LEG
1-2-101	Α	Harrison Avenue	Lucas Street	Myrtletown (North)	2.40	7.23	279.4	6	3.12	1	2.4	42			1					3			
-3-110	2CM			(2.3222)	1.7	5.06	187.5	6	3	1	0.7	65/54			1								PROTECT FH IN PLACE
4-110	С	Walnut Drive	Holly Street		3.7	17.53	88.55	6	4.44	1	4.6	53		1.82					1	2			INFILL SW TO MATCH EXIST, 10' DWY, USPS GRP BOX CONFORM
-3-112	С		~	Cutten (South)	2.1	5.24	236.1	6	3	1	0.6	64/42			2					1	1		
-4-112	С	Walnut Drive	Aldo Court	(South)	2.1	5.24	236.1	6	3	1	0.6	64/42											
-3-113	СН	Walnut Drive	Bigham Court	1	1.8	5.97	241.09	6	0.60	1	0.3	56	2.15		1								REPLACE CROSS GUTTER RETURN APRON
-3-117	С	D. d. C.	T. C		2.1	5.16	226.8	6	3	1	0.6	42				1							
-4-117	CH	Roth Court	T Street	Cutten	1.8	3.82	84	6	1.7	1	0.3	42			1								
-3-122	2CM	Cedar Street	Arbutus Street	(North)	2.0	5.67	237	10	3.53	1	0.7	64			1					1			
-4-124	C	Cedar Street	Liberty Bell Court		2.1	5.20	236.1	6	3	1	0.6	54/48											
-1-131	CM	Excelsior Road	Simmons Road	Cutten (South)	1.60	4.24	162.8	6	2.44	1	0.3	53			1								
-2-134	СН	Excelsior Road	Fern Drive	Cutten	1.8	3.84	124.8	6	1.71	1	0.3	54			1								
-3-136		Vista Drive	Fern Drive	(North)				12		1		54										1	SW BARRICADE
-4-136								6		1		54										1	SW BARRICADE
-1-140	A	Campton Drive	Luke Court		2.01	9.71	512.29	6	1.16	1	2.7	70/42	2.15	1									REPLACE CROSS GUTTER RETURN APRON
4-140	C			-	1.94	7.39	352.39	6	1.42	1	0.6	54/42	2.15										REPLACE CROSS GUTTER RETURN APRON
	2CM	Campton Drive	Herron Road		1.54	7.15	351.59	6	1.66	1	0.6	54	2.15		1					1			REPLACE CROSS GUTTER
	CM			Cutten	1.60	6.39	278.89	6	1.42	1	0.3	54	2.15	-	1					1		1	SW BARRICADE TO NORTH, REPLACE CROSS GUTTER
1-143	C	Campton Drive	Excelsior Road	(South)	2.1	5.21	152.5	6	3	1	0.6	42		-	1					1			
-4-143 -2-144	2CM C	Campton Drive	Scott Way	-	1.7	5.00 7.39	152 352.39	6	3.05 1.42	1	0.6	42 54	2.15		1								REPLACE CROSS GUTTER RETURN APRON
-1-146	C	Scott Way	Pleasant Avenue	-	1.94	7.39	352.39	6	1.42	1	0.6	54	2.15		1								REPLACE CROSS GUTTER RETURN APRON
-1-147		Pleasant Avenue	Pleasant Avenue	┨	2.1	5.24	236.1	6	3	1	0.6	54	2.1.7		1					1	1		REI EACE CROSS GUTTER RETURN AFRON
	2CM	D Street	Oak Street		1.7	5.06	261.6	6	3	1	0.0	66			1					1	1	+	
	2CM			┪	1.5	7.08	268.29	6	1.66	1	0.6	48	2.15		1					3			EXIST RET CURB, REPLACE CROSS GUTTER RETURN APRON
	2CM	F Street	Spruce Street		1.5	7.08	268.29	6	1.66	1	0.6	48	2.15		<del>                                     </del>					1			EXIST RET CURB, REPLACE CROSS GUTTER RETURN APRON
	CM			1 1	1.90	6.86	248.4	6	0.60	1	0.4	66	2.15		1					-			REPLACE CROSS GUTTER RETURN APRON
	CM	E Street	Spruce Street	Rosewood	1.60	6.39	225.8	6	0.60	1	0.3	54	2.15		_					2			EXIST RET WALL, REPLACE CROSS GUTTER RETURN APRON
	CM		•		1.60	6.39	225.8	6	0.60	1	0.3	53	2.15		1					-			REPLACE CROSS GUTTER RETURN APRON
	2CM			┪ ┃	1.9	5.50	223.8	7	3.39	1	0.7	66/41			<u> </u>				1				
	2CM	Williams Street	Laurel Street		1.9	5.36	192.7	8	3.41	1	0.6	53/43							1	1			EXIST RET WALL
		SHEET T	OTAI	•	87.2	267.4	9955.8		105.4	44	35.4		28	2	25	1	0	0	5	22	2	7	



BAR BELOW IS ONE INCH ON ORIGINAL DRAWING

MARK
THOMAS

N/A DESIGNED BY: EM

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS CURB RAMP ADA IMPROVEMENTS

26

No. 61905 Exp. 09/30/19

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY
·

	IMJ	
PROJECT NO.: N/A	DESIGNED BY: EM	
CONTRACT NO.: 325701	DRAWN BY: KM/DE	
DWG. FILE NAME:	REVIEWED BY: TAL	CI
DATE: 01/16/19	APPROVED BY: ZS	•

CURB	RAMP	QUANTITY	TABLE	26

											HUMBO		TY DEPARTM RB RAMP INV	ENT OF PUBL ENTORY	IC WORKS							
AMP RAMP	FIRST CROSS STREET ROAD NAME	SECOND CROSS STREET ROAD NAME	REGION	HMA (TON)	AB CL2 (CY)	CONC REMOVAL (SQFT)	CURB HEIGHT (IN)	CONC CURB/ C&G (CY)	CONC CURB RAMP (EA)	CONC SW (CY)	EXIST SW WIDTH (IN)	CROSS GUTTER (CY)	DRIVEWAY (CY)	RELOCATE ROADSIDE SIGN (EA)	RELOCATE MAILBOX (EA)	RELOCATE FIRE HYDRANT (EA)	ADJUST MH TO GRADE (EA)	ADJUST SSCO TO GRADE (EA)	ADJUST UTILITY BOX TO GRADE (EA)	ADJUST DI TO GRADE (EA)	SW BARRICADE (EA)	NOTES
3-189 CM	E Street	Laurel Street	Rosewood	1.60	6.39	279.7	6	0.60	1	0.3	54	2.15										REPLACE CROSS GUTTER RETURN APRON
-189 CM	F Street	Laurer Street		1.90	6.86	304.1	6	0.60	1	0.4	66	2.15										REPLACE CROSS GUTTER RETURN APRON
3-190 2CM	F Street	Alder Street	Rosewood	1.5	4.97	278.1	6	1.66	1	0.6	59/42	2.15		1					2			REPLACE CROSS GUTTER RETURN APRON
4-191 CM	E Street	Alder Street		1.90	4.71	131.5	6	2.51	1	0.4	66											
2-199	Allard Avenue	Between Utah & Spring Street		0.46	1.14	48	6	0.36		0.59	66							1	1			REMOVE DWS, ADD DWY RAMP
1-211 C	Union Street	Bacchetti Drive		2.1	5.24	236.1	6	3	1	0.6	54			1						1		
2-211 C	Union Street		[	2.1	5.24	236.1	6	3	1	0.6	54									1		USPS GRP BOX CONFORM
-2-213 C	Lissa Drive	Tess Court	Pine Hills (North)	2.1	5.24	236.1	6	3	1	0.6	54											
-1-214 C	Ion Court	Racchatti Drive	` ′	2.1	5.24	236.1	6	3	1	0.6	54											
-4-214 C	Ian Court	Bacchetti Drive		2.1	5.24	236.1	6	3	1	0.6	54			1								
-1-216 C	Union Street	Wildwood Street		2.1	5.33	262.8	6	3	1	0.7	66/54			1								
-2-216 C	Ollon Street	wildwood Street		2.1	5.33	262.8	6	3	1	0.7	66/60											
3-220 CM	Higgins Street	Hidden Meadows Lane		2.64	10.93	387.06	6	4.34	1	0.85	54		1.82									10' DWY
2-222 2CM	Higgins Street	Village Court		1.7	5.00	235.3	6	3.04	1	0.6	54			1					1			
-1-223 C	Higgins Street	Allen Court		2.1	5.24	236.1	6	3	1	0.6	54/41											
-4-223 C	88	7 men court		2.1	5.24	236.1	6	3	1	0.6	54/51			1						1		
2-226 C	Higgins Street	Union Street		2.1	5.33	262.8	6	3	1	0.7	66								1			PROTECT FH IN PLACE
-2-227 F(MOD)	Higgins Street	Crane Street		2.6	6.98	265.5	6	3.16	1	1.9	52			1								ONLY RAMP, EXIST SW TO REMAIN
2-228 2CM	Higgins Street	Meyers Avenue		1.7	5.06	187.5	6	3	1	0.7	66											
2-232	Artino Street	Artino Court	Pine Hills				6				54										1	EXIST RET WALL, SW BARRICADE
-4-235 C	Leonard Drive	Masterson Place (S Azalea Lane	(South)	2.3	5.63	193.3	9	3.41	1	0.6	54											
-1-238 C				2.4	5.74	202.3	11	3.53	1	0.6	54			1								
2-238 C	Vance Street			2.3	5.63	193.3	9	3.41	1	0.6	56			1								
3-238 CT				2.40	5.39	148.8	6	2.42	1	0.3	52											
-2-239 C	Herrick Avenue	Pinecrest Court		1.9	7.48	379.7	6	1.66	1	0.7	42/84	2.15		1					1			REPLACE CROSS GUTTER RETURN APRON
-3-239 C				1.9	7.48	379.7	6	1.66	1	0.7	54/84	2.15							1			REPLACE CROSS GUTTER RETURN APRON
-2-240 C	Herrick Avenue	Carolyn Court	ļ	1.9	7.39	353	6	1.66	1	0.6	54	2.15		1								REPLACE CROSS GUTTER RETURN APRON
4-253	Noe Avenue	Noe Avenue (West Extension)					6				54										1	PIPE CONFLICT, SW BARRICADE
SHEET TOTAL				52.3	149.5	6408.0		67.0	25	16.7		12.92	1.82	11	0	0	0	1	7	3	2	
SUBTOTAL FROM SHEET Q-1				82.7 87.2	235.5	8551.30		155.27	43	26.8		16.18	0.00	19	3	0	0	3	14	2	1	
	SUBTOTAL FROM SHEET Q-2				267.4	9955.75		105.39	44	35.4		28.00	1.82	25	1	0	0	5	22	2	7	
								327.68	112				3.64	55								

NOTE: CURB RAMP INVENTORY TABLES TOTALS, AND THE GRAND TOTAL, WILL BE ROUNDED TO THE NEAREST WHOLE UNIT FOR BIDDING PURPOSES. THESE INVENTORY TABLE TOTALS ARE NOT ROUNDED AND MAY NOT MATCH THE BIDDING FORM EXACTLY.