

Agenda Item No: 3.a.MEETING DATE/TIME: 6/29/2022ITEM NO: 2022-1794

## AGENDA SUMMARY REPORT

**SUBJECT:** Approval of Plans and Specifications for the Clara Avenue Reconstruction Project, Specification 20-08, and Direct Staff to Advertise for Bids.

**DEPARTMENT:** Public Works

**PREPARED BY:** Seth Strader, Administrative Analyst

**PRESENTER:** Tim Eriksen, Director of Public Works

**ATTACHMENTS:**

1. Plans and Specifications

**Summary:** Council will consider approval of the plans and specifications for the Clara Avenue Reconstruction Project, Specification 20-08, and direct Staff to advertise for bids. This project includes the installation of water and sewer main facilities, roadway reconstruction, curb, gutter, sidewalk and other ADA improvements and striping.

**Background:** The City Council awarded a contract to Coastland Civil Engineering during the April 4, 2020, meeting for the Plans and Specifications for Clara Avenue Reconstruction. In September 2020, Coastland Engineers completed plans and specifications (Attachment 1) for the replacement of water and sewer utilities, pedestrian and ADA improvements and reconstruction of the roadway on Clara Avenue.

**Discussion:** Engineering staff has monitored Clara Avenue since Coastland completed its design and has been actively seeking a funding source for the project. Staff worked with the Community Development Department to pursue a number of CDBG-funded opportunities, as the location of the street was in an applicable area for the grant. However, as funding opportunities have not materialize with the State, and poor conditions of Clara Avenue have worsened, Staff is recommending to push the construction of the Perkins Street Project to better coincide with the development of the State's new courthouse facility and move the Clara Reconstruction project to the current construction season.

The Clara Avenue project was designed with Complete Streets principles in mind, and Staff has engaged with the Complete Streets Ad Hoc on review. In addition, Staff will continue to pursue CDBG grant funds for other street projects on the City Council's approved capital improvement program list.

The construction estimate for this project is \$3,363,163.00.

**Recommended Action:** Approve the Plans and Specifications for the Clara Avenue Reconstruction Project, Specification No. 20-08, and Direct Staff to Advertise for Bids.

**BUDGET AMENDMENT REQUIRED:** N/A

**CURRENT BUDGET AMOUNT:** N/A

**PROPOSED BUDGET AMOUNT:** TBD

**FINANCING SOURCE:** Series 2022 Lease Revenue Bonds

**PREVIOUS CONTRACT/PURCHASE ORDER NO.:** N/A

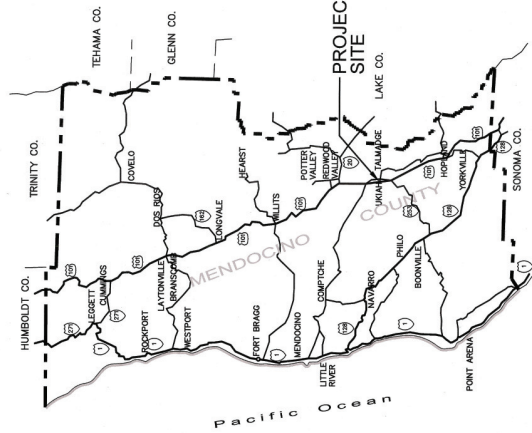
**COORDINATED WITH:** Tim Eriksen, Director of Public Works, Andrew Stricklin, Associate Engineer and Jason Benson, Senior Engineer.

Approved:   
Sage Sangiacomo, City Manager

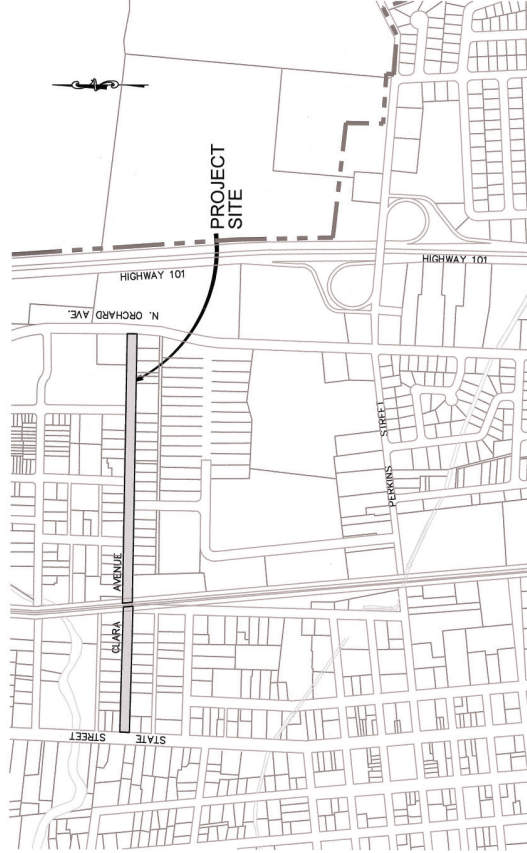
# IMPROVEMENT PLANS FOR : CLARA AVENUE RECONSTRUCTION PROJECT SPECIFICATION NO. 20-08

FOR THE  
CITY OF UKIAH  
MENDOCINO COUNTY, CALIFORNIA

FOR USE IN CONJUNCTION WITH :  
CALTRANS STANDARD SPECIFICATIONS DATED 2018  
CALTRANS STANDARD PLANS DATED 2018



VICINITY MAP



LOCATION MAP  
NOT TO SCALE

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4	PLAN & PROFILE - STA. 13+00 TO STA. 16+75
5	PLAN & PROFILE - STA. 16+75 TO STA. 19+75
6	PLAN & PROFILE - STA. 19+75 TO STA. 20+425
7	PLAN & PROFILE - STA. 20+425 TO STA. 28+25
8	PLAN & PROFILE - STA. 28+25 TO STA. 32+25
9	PLAN & PROFILE - STA. 32+25 TO STA. 36+50
10	STRIPING & RECONSTRUCTION PLAN - STA. 10+00 TO STA. 19+75
11	STRIPING & RECONSTRUCTION PLAN - STA. 19+75 TO STA. 20+425
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13	N. STATE ST. AND MYRON PL. - BULBOUT DETAILS
14	MASON STREET - BULBOUT DETAILS
15	SOME ST. - BULBOUT DETAILS
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23	CROSS SECTIONS - STA. 19+45 TO STA. 20+50.64
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25	CROSS SECTIONS - STA. 23+50 TO STA. 25+83.48
26	CROSS SECTIONS - STA. 26+00 TO STA. 28+25
27	CROSS SECTIONS - STA. 28+50 TO STA. 30+50
28	CROSS SECTIONS - STA. 30+50 TO STA. 32+25
29	CROSS SECTIONS - STA. 33+00 TO STA. 34+25
30	CROSS SECTIONS - STA. 34+40.46 TO STA. 35+50
31	CROSS SECTIONS - STA. 35+75 TO STA. 36+25



**Coastland Civil Engineering, Inc.**  
1400 Nacimiento Avenue, Santa Rosa, CA 95405  
707.571.8005  
707.571.8037 Fax

*Hedi E. Utterback*  
HEIDI E. UTTERBACK, P.E. 53723  
LICENSE EXPIRATION: 06/30/2020



**CITY OF UKIAH**  
APPROVED *[Signature]* DATE 6/17/22

PROJECT NUMBER: 29-4352  
DRAWING DATE: APRIL 2020  
DRAWING NUMBER: 1 OF 31

TIM EMMSEN  
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER



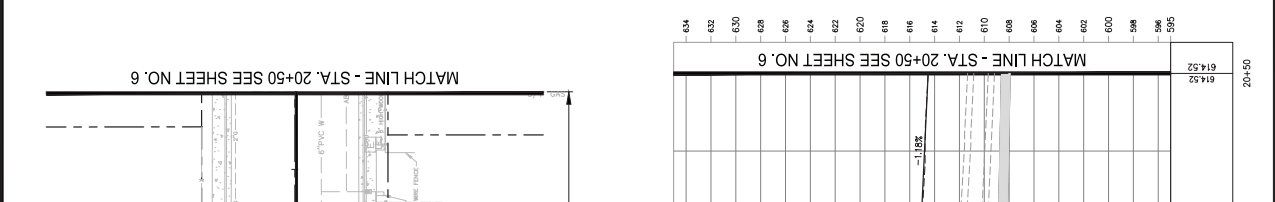




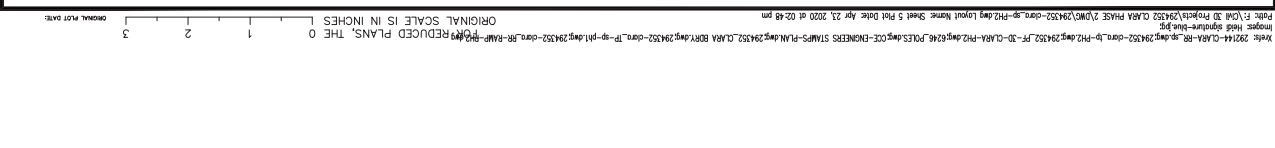
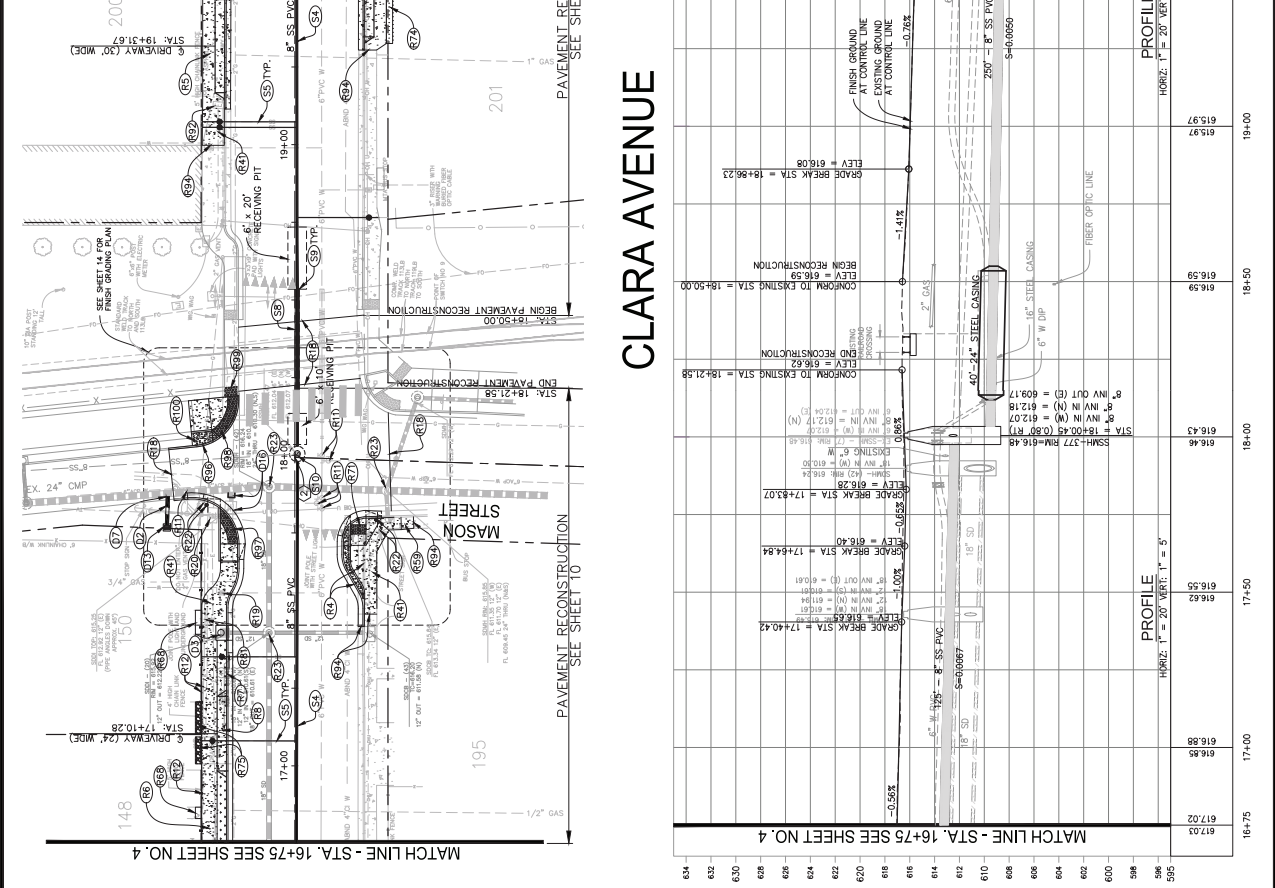
PREPARED UNDER THE DIRECTION OF  
 HEIDI E. UTTERBACK, RCE 53723 DATE 4/23/2020  
 DESIGNED BY WAK DRAWN BY WAK REVIEWED BY HEU  
 707.571.8005  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
**Coastland Civil Engineering, Inc.**  
 707.571.8037 fax

**CONSTRUCTION NOTES**

- (1) INSTALL 12" STORM DRAIN PIPE PER CITY STD. 420.
- (2) REMOVE EXISTING DROP INLET AND INSTALL TYPE 44C CURB INLET PER CITY STD. 403, 406 & 408.
- (3) INSTALL STORM DRAIN BLIND CONNECTION PER DETAIL 16.
- (4) INSTALL 18" x 18" DROP INLET, GRADE TO DRAIN.
- (5) REMOVE EXISTING CURB & GUTTER, INSTALL NEW CURB AND GUTTER PER DETAIL 8.
- (6) REMOVE EXISTING CONCRETE DRIVEWAY, INSTALL DRIVEWAY PER DETAIL 17.
- (7) INSTALL SIDEWALK AND PLANTER PER PLAN AND DETAIL 16.
- (8) INSTALL CURB AND GUTTER PER DETAIL 8.
- (9) INSTALL DRIVEWAY PER DETAIL 17.
- (10) INSTALL TYPE "A" CURB RAMP PER CALTRANS STD PLAN ABA.
- (11) ADJUST WATER VALVE BOX TO FINISH GRADE PER DETAIL 16.
- (12) REMOVE EXISTING FENCE AND INSTALL AT BACK OF NEW SIDEWALK.
- (13) SAWOUT AND CONFORM TO EXISTING ASPHALT CONCRETE.
- (14) ADJUST WATER METER BOX TO FINISH GRADE.
- (15) ADJUST ELECTRICAL VAULT TO FINISH GRADE.
- (16) RELOCATE OR RESET ROAD SIGN AS REQUIRED.
- (17) ADJUST STORM DRAIN MANHOLE TO FINISH GRADE PER DETAIL 16.
- (18) INSTALL PCC SIDEWALK PER DETAIL 7.
- (19) REMOVE EXISTING SIDEWALK & INSTALL 5" SIDEWALK TRANSITION.
- (20) REMOVE & REPLACE RESIDENTIAL SIDEWALK (2' MINIMUM LENGTH).
- (21) INSTALL CURB RAMP SIMILAR TO TYPE "C" PER CALTRANS STD PLAN ABA AND DETAIL 14.
- (22) SAWOUT & REMOVE EXISTING PCC CURB. REMOVE EXISTING LANDSCAPING AS NECESSARY FOR DRIVEWAY & SIDEWALK INSTALLATION.
- (23) REMOVE & REPLACE EXISTING ASPHALT CONCRETE DRIVEWAY CONFORM (2' MINIMUM LENGTH) PER DETAIL 16.
- (24) INSTALL GRAVEL DRIVEWAY CONFORM (2' MINIMUM LENGTH) PER DETAIL 17.
- (25) REMOVE PAVERS & LANDSCAPE BORDER AND SALVAGE TO OWNER.
- (26) REPLACE EXISTING ELECTRICAL BOX & ADJUST TO FINISH GRADE.
- (27) SAWOUT AND CONFORM TO EXISTING CONCRETE PER DETAIL 17.
- (28) REMOVE & REPLACE EXISTING VERTICAL CURB.
- (29) INSTALL CURB RAMP PER CALTRANS STD PLAN ABA AND DETAIL 14.
- (30) REMOVE & REPLACE EXISTING CONCRETE PATH AND TRUNKED CURB. SEE DETAIL 14.
- (31) REMOVE & REPLACE AC SIDEWALK & TRUNCATED DOMES AS REQUIRED.
- (32) ADJUST OR RELOCATE LIGHT AS REQUIRED.
- (33) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 8" PVC SANITARY SEWER MAIN PER CITY STANDARDS, SIZE AS SHOWN.
- (34) REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF LOT. REMOVE EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BE PLACED 18" BEHIND FACE OF CURB. CLEANOUTS IN A DRIVEWAY SHALL BE PLACED 18" BEHIND DRIVEWAY APPROX.
- (35) BORE & JACK 24" STEEL CASING.
- (36) INSTALL DIRT STOP PER DETAIL 6.
- (37) REMOVE EXISTING MANHOLE AND INSTALL 60" SANITARY SEWER MANHOLE WITH INSIDE DROP. MANHOLE SHALL BE SIMILAR TO STD 207 AND INSIDE DROP PER DETAIL 7.



CONTROL LINE POINT DATA		
POINT NO.	NORTHING	EASTING
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		INTERSECTION CLARA AVE. & MASON ST.

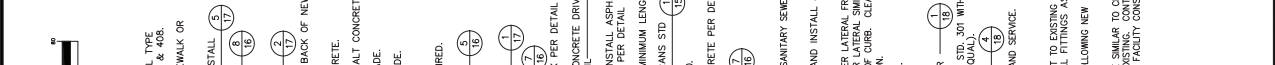








PREPARED UNDER THE DIRECTION OF  
 HEIDI E. UTTENBERGER, RCE 5373 DATE 4/23/2020  
 WAK DRAWN BY WAK  
 WAK DESIGNED BY WAK  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8005  
**Coastland Civil Engineering, Inc.**  
 707.571.8037 fax

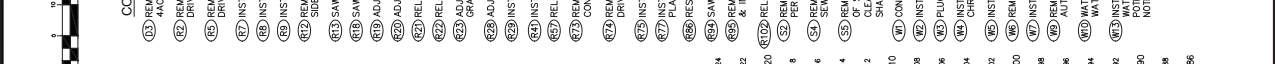


POINT NO.	NORTHING	EASTING	DESCRIPTION
6	13373.01	6705.16	INTERSECTION CLARA AVE. & SIDLINE ST.

CLARA AVENUE  
 CLARA-CL Profile

CONSTRUCTION NOTES

- 61 REMOVE EXISTING DROP INLET AND INSTALL TYPE 41C CURB INLET PER CITY STD. 403, 406 & 408.
- 62 REMOVE EXISTING CURB, GUTTER AND SIDEWALK OR DRIVEWAY.
- 63 REMOVE EXISTING CONCRETE DRIVEWAY. INSTALL DRIVEWAY PER DETAIL.
- 64 INSTALL CURB AND GUTTER PER DETAIL.
- 65 INSTALL DRIVEWAY PER DETAIL.
- 66 INSTALL CONCRETE FANERS PER DETAIL.
- 67 REMOVE EXISTING FENCE AND INSTALL AT BACK OF NEW SIDEWALK.
- 68 SAWCUT AND CONFORM TO EXISTING CONCRETE.
- 69 SAWCUT AND CONFORM TO EXISTING ASPHALT CONCRETE.
- 70 ADJUST WATER METER BOX TO FINISH GRADE.
- 71 ADJUST ELECTRICAL VAULT TO FINISH GRADE.
- 72 RELOCATE EXISTING STOP SIGN PER PLAN.
- 73 RELOCATE OR RESET ROAD SIGN AS REQUIRED.
- 74 ADJUST STORM DRAIN MANHOLE TO FINISH GRADE PER DETAIL.
- 75 ADJUST CABLE TV BOX TO FINISH GRADE.
- 76 INSTALL SIDEWALK WARP PER DETAIL.
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- 81 INSTALL GRAVEL DRIVEWAY CONFORM (2' MINIMUM LENGTH) PER DETAIL.
- 82 INSTALL TYPE "A" CURB RAMP PER CALTRANS STD PLAN A88A AND PER DETAILS.
- 83 RESET MONUMENT WELL PER CITY STD 140.
- 84 SAWCUT AND CONFORM TO EXISTING CONCRETE PER DETAIL.
- 85 REMOVE EXISTING CONCRETE SIDEWALK & INSTALL SIDEWALK PER DETAIL.
- 86 RELOCATE BULLETIN BOARD.
- 87 REMOVE EXISTING MANHOLE AND INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD. 201.
- 88 REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 8" PVC SANITARY SEWER MAIN PER CITY STANDARDS.
- 89 REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL SIMILAR TO CITY STD 210. CLEANOUTS TO BE PLACED 18" BEHIND FACE OF CURB. CLEANOUTS IN A DRIVEWAY SHALL BE PLACED 18" BEHIND DRIVEWAY APRON.
- 90 CONSTRUCT WATER MAIN PER CITY STANDARDS.
- 91 INSTALL GATE VALVE PER CITY STD. 307.
- 92 PLUG EXISTING WATER MAIN AND ABANDON PER DETAIL.
- 93 INSTALL 18" WATER SERVICE SUMP TO CITY STD. 301 WITH CHRISTY #12 BOX & LUD (OR APPROVED EQUAL).
- 94 INSTALL TEMPORARY BLOW OFF PER DETAIL.
- 95 REMOVE & ABANDON EXISTING FIRE HYDRANT AND SERVICE.
- 96 INSTALL FIRE HYDRANT PER CITY STD. 305.
- 97 REMOVE EXISTING THRUST BLOCK AND CONNECT TO EXISTING WATER UNDER AUTHORIZED CITY INSPECTION, AND INSTALL FITTINGS AS REQUIRED.
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- 100



MATCH LINE - STA. 32+25 SEE SHEET NO. 9



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CLARA AVENUE  
 CLARA-CL Profile

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MATCH LINE - STA. 28+25 SEE SHEET NO. 7



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6	13373.01	6705.16	INTERSECTION CLARA AVE. & SIDLINE ST.

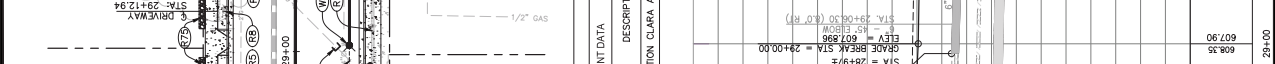
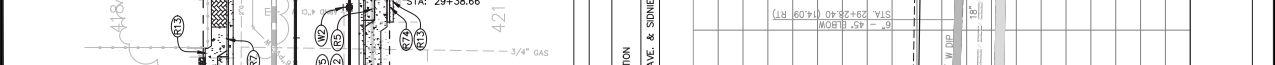
CLARA AVENUE  
 CLARA-CL Profile

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MATCH LINE - STA. 32+25 SEE SHEET NO. 9

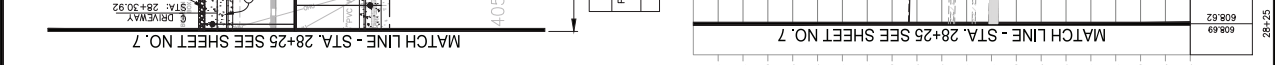


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6	13373.01	6705.16	INTERSECTION CLARA AVE. & SIDLINE ST.

CLARA AVENUE  
 CLARA-CL Profile

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- 89 REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL SIMILAR TO CITY STD 210. CLEANOUTS TO BE PLACED 18" BEHIND FACE OF CURB. CLEANOUTS IN A DRIVEWAY SHALL BE PLACED 18" BEHIND DRIVEWAY APRON.
- 90 CONSTRUCT WATER MAIN PER CITY STANDARDS.
- 91 INSTALL GATE VALVE PER CITY STD. 307.
- 92 PLUG EXISTING WATER MAIN AND ABANDON PER DETAIL.
- 93 INSTALL 18" WATER SERVICE SUMP TO CITY STD. 301 WITH CHRISTY #12 BOX & LUD (OR APPROVED EQUAL).
- 94 INSTALL TEMPORARY BLOW OFF PER DETAIL.
- 95 REMOVE & ABANDON EXISTING FIRE HYDRANT AND SERVICE.
- 96 INSTALL FIRE HYDRANT PER CITY STD. 305.
- 97 REMOVE EXISTING THRUST BLOCK AND CONNECT TO EXISTING WATER UNDER AUTHORIZED CITY INSPECTION, AND INSTALL FITTINGS AS REQUIRED.
- 98 WATER VALVE TO BE REMOVED/ABANDONED FOLLOWING NEW WATER SERVICE CONNECTION.
- 99 INSTALL NEW WATER SERVICE AND GATE VALVE SIMILAR TO CITY STD. 301. WATER SERVICE AND GATE VALVE TO MATCH EXISTING. CONTRACTOR TO DETERMINE SIZE PRIOR TO WATER FACILITY CONSTRUCTION AND NOTIFY THE ENGINEER.
- 100



MATCH LINE - STA. 28+25 SEE SHEET NO. 7



1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8005  
**Coastland Civil Engineering, Inc.**  
 HEIDI L. LITTELMAN, P.E. 4/23/2020  
 DESIGNED BY  
 WAK DRAWN BY  
 WAK REVIEWED BY  
 HEU

PREPARED UNDER THE DIRECTION OF  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL  
 No. 62723  
 STATE OF CALIFORNIA

CLARA AVENUE RECONSTRUCTION PROJECT  
 CITY OF UKIAH  
 SPECIFICATION NO. 20-08

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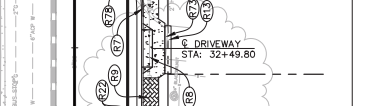
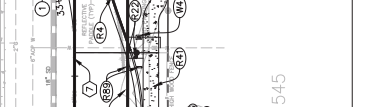
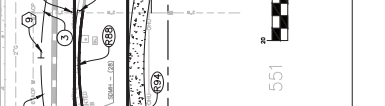
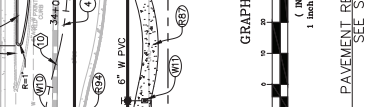
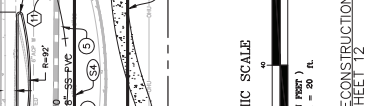
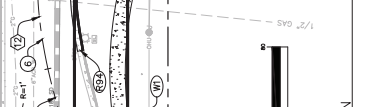
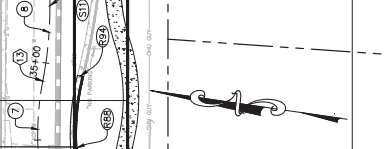
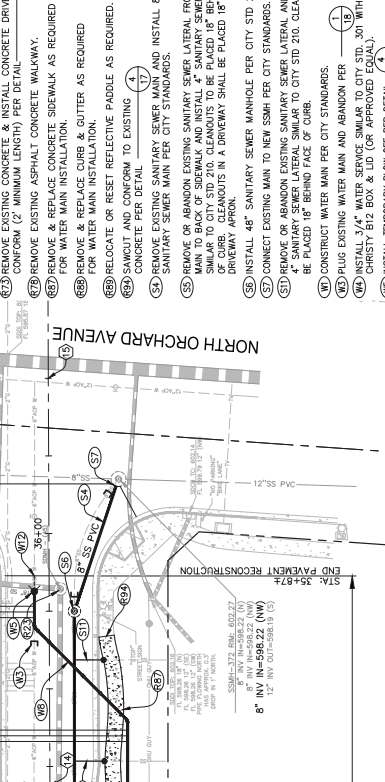
CLARA AVENUE RECONSTRUCTION PROJECT  
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**CONSTRUCTION NOTES**

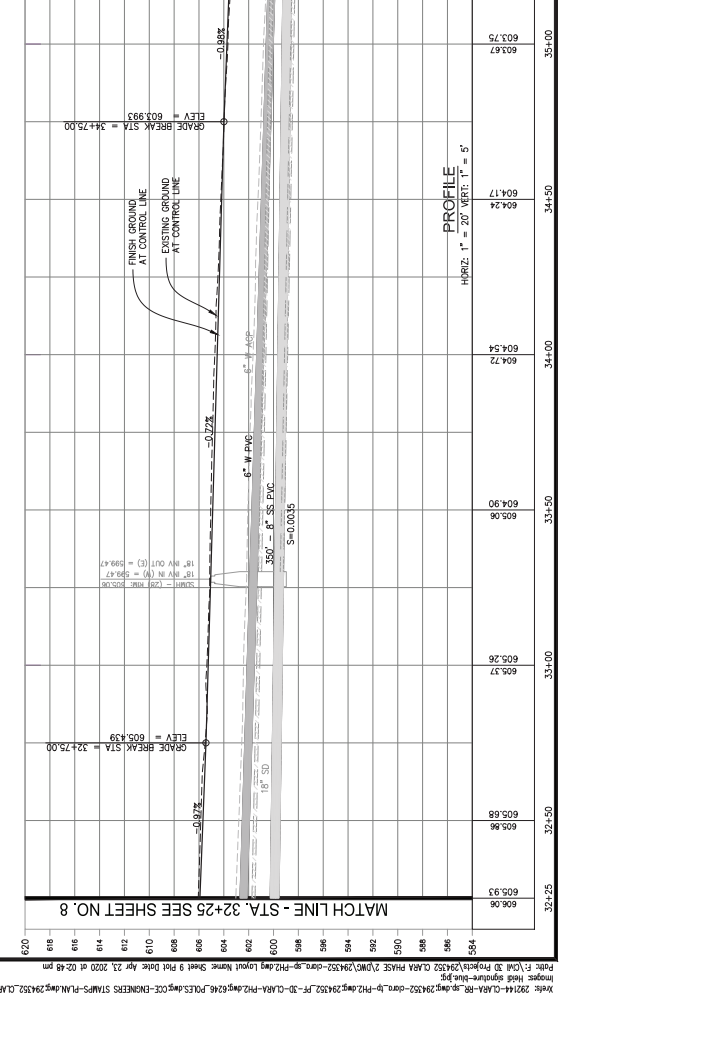
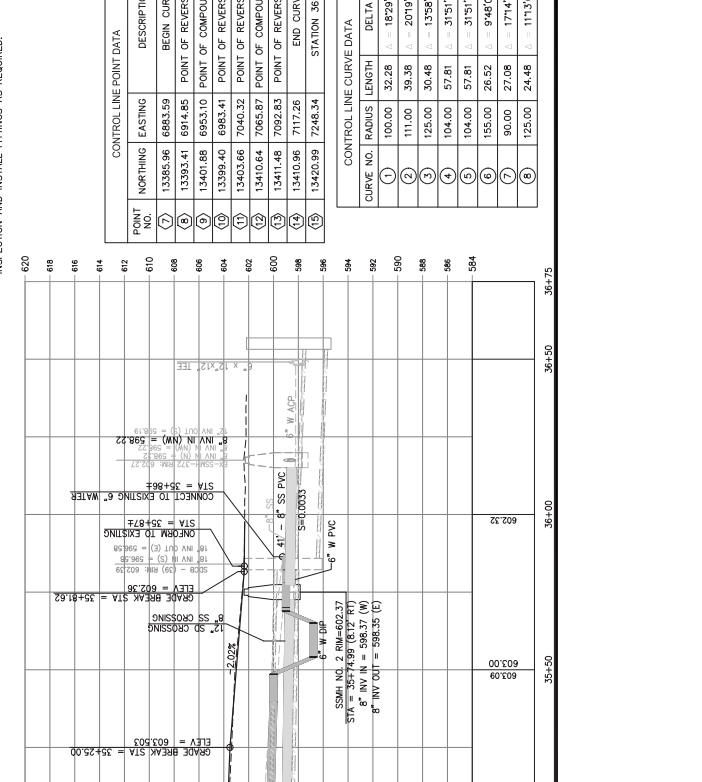
- (84) REMOVE EXISTING CURB & GUTTER. INSTALL NEW CURB AND GUTTER PER DETAIL (8/16)
- (85) INSTALL DRIVEWAY PER DETAIL (8/16)
- (86) INSTALL CONCRETE PAVERS PER DETAIL (8/17)
- (87) SAWCUT AND CONFORM TO EXISTING CONCRETE.
- (88) RELOCATE OR RESET ROAD SIGN AS REQUIRED.
- (89) ADJUST STORM DRAIN MANHOLE TO FINISH GRADE PER DETAIL (8/16)
- (90) INSTALL PCC SIDEWALK PER DETAIL (8/16)
- (91) REMOVE EXISTING PCC & GUTTER ISLAND. INSTALL PCC VERTICAL CURB ISLAND PER PLAN AND DETAIL (8/16)
- (92) REMOVE EXISTING CONCRETE. INSTALL CONCRETE DRIVEWAY PER DETAIL (8/16)
- (93) REMOVE EXISTING ASPHALT CONCRETE SIDEWALK.
- (94) REMOVE & REPLACE CURB & GUTTER AS REQUIRED FOR WATER MAIN INSTALLATION. SIDEWALK AS REQUIRED.
- (95) RELOCATE OR RESET REFLECTIVE PADDLE AS REQUIRED.
- (96) SAWCUT AND CONFORM TO EXISTING CONCRETE PER DETAIL (8/17)
- (97) REMOVE EXISTING SANITARY SEWER MAIN AND INSTALL 8" PVC SANITARY SEWER MAIN PER CITY STANDARDS.
- (98) REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL FROM SEWER MAIN TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL TO BACK OF SIDEWALK AND INSTALL 4" SANITARY SEWER LATERAL TO CURB. CLEANOUTS IN A DRIVEWAY SHALL BE PLACED 18" BEHIND DRIVEWAY APRON.
- (99) INSTALL 48" SANITARY SEWER MANHOLE PER CITY STD. 201.
- (100) CONNECT EXISTING MAIN TO NEW 58MM PER CITY STANDARDS.
- (101) REMOVE OR ABANDON EXISTING SANITARY SEWER LATERAL AND INSTALL 4" SANITARY SEWER LATERAL SIMILAR TO CITY STD. 210. CLEANOUT TO BE PLACED 18" BEHIND FACE OF CURB.
- (102) CONSTRUCT WATER MAIN PER CITY STANDARDS.
- (103) PLUG EXISTING WATER MAIN AND ABANDON PER (1/18)
- (104) INSTALL 3/4" WATER SERVICE SIMILAR TO CITY STD. 301 WITH CHRISTY FIRE BOX & LID (C/F APPROVED DETAIL).
- (105) TEMPORARY BLOW OFF PER DETAIL (4/18)
- (106) INSTALL WATER MAIN LOWERING PER DETAIL (2/18)
- (107) WATER VALVE TO BE REMOVED/ABANDONED FOLLOWING NEW WATER SERVICE CONNECTION.
- (108) INSTALL 2" WATER SERVICE & 2" GATE VALVE SIMILAR TO CITY STD. 301 WITH CHRISTY 81750 BOX AND LID OR APPROVED EQUAL.
- (109) CONNECT TO EXISTING WATER UNDER AUTHORIZED CITY INSPECTION AND INSTALL FITTINGS AS REQUIRED.

**CONTROL LINE POINT DATA**

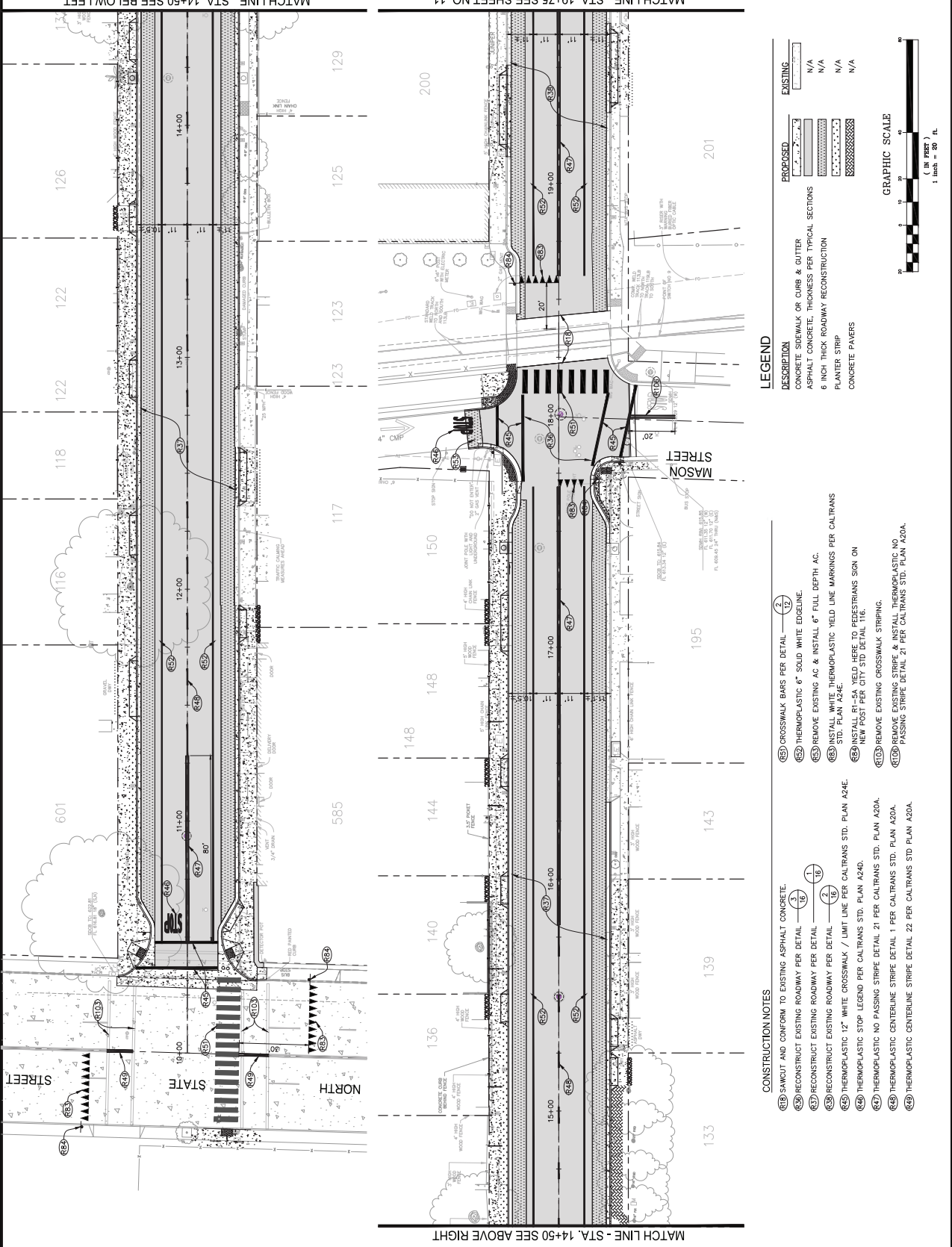
POINT NO.	NORTHING	EASTING	DESCRIPTION
7	13385.96	6883.59	BEGIN CURVE
8	13393.41	6914.85	POINT OF REVERSE CURVE
9	13401.88	6953.10	POINT OF COMPOUND CURVE
10	13399.40	6983.41	POINT OF REVERSE CURVE
11	13403.66	7040.32	POINT OF REVERSE CURVE
12	13410.64	7066.87	POINT OF COMPOUND CURVE
13	13411.48	7092.83	POINT OF REVERSE CURVE
14	13410.96	7117.26	END CURVE
15	13420.99	7248.34	STATION 38+50

**CONTROL LINE CURVE DATA**

CURVE NO.	RADIUS	LENGTH	DELTA
1	100.00	32.28	18°29'40"
2	111.00	39.38	20°19'44"
3	125.00	30.48	13°58'17"
4	104.00	57.81	31°51'04"
5	104.00	57.81	31°51'04"
6	155.00	26.52	9°48'09"
7	30.00	27.08	17°14'17"
8	125.00	24.48	11°13'09"



CLARA AVENUE RECONSTRUCTION PROJECT  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8005  
**Coastland Civil Engineering, Inc.**  
 HEIDI E. UTTENBACH, RCE 53723 DATE 4/23/2020  
 DESIGNED BY WJK  
 DRAWN BY WJK  
 REVIEWED BY HJU  
 PREPARED UNDER THE DIRECTION OF



MATCH LINE - STA. 14+50 SEE ABOVE RIGHT  
 MATCH LINE - STA. 19+75 SEE SHEET NO. 11

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES 1 2 3  
 GRAPHIC SCALE 1 inch = 20' ( IN FEET )

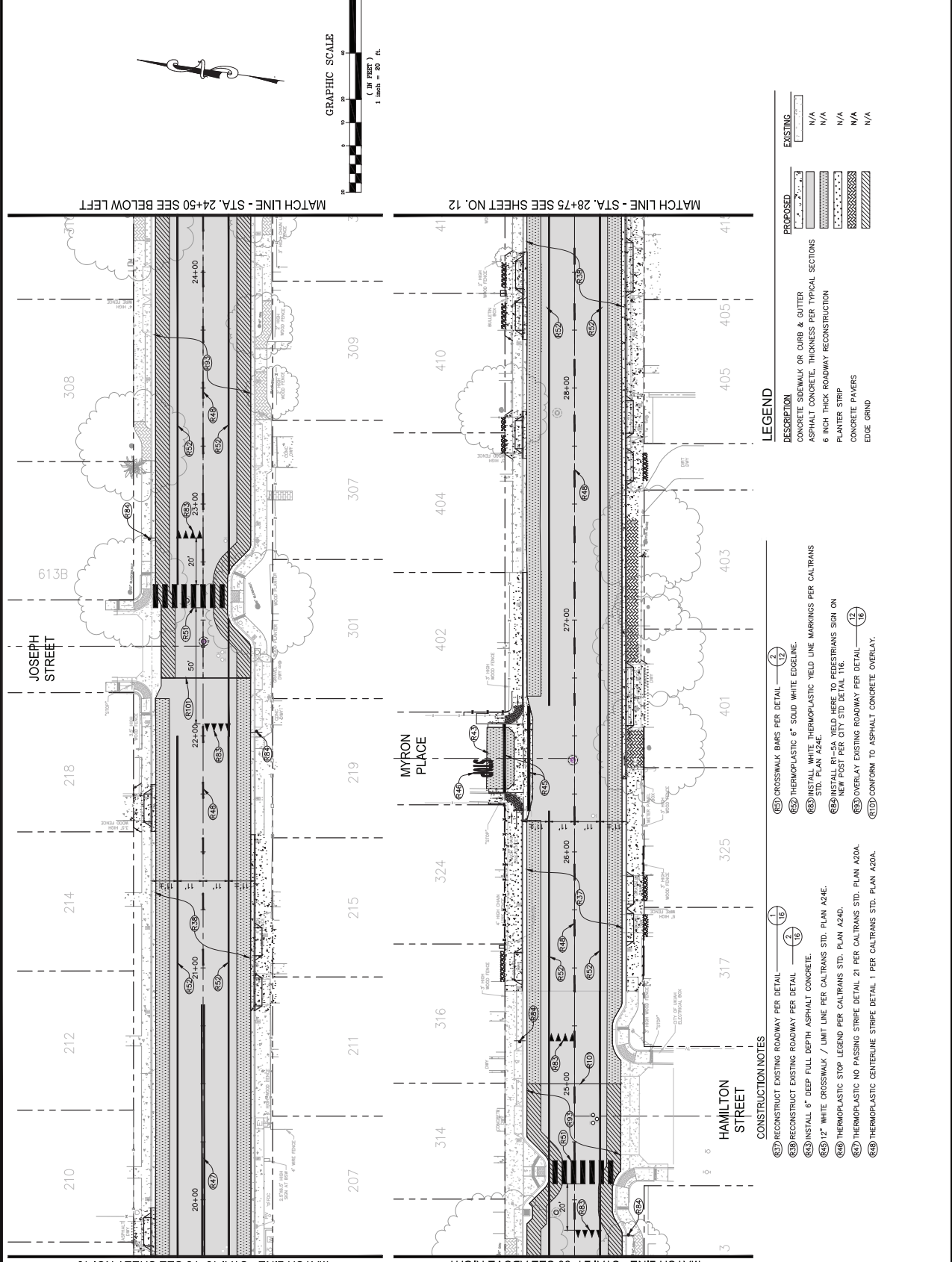
**LEGEND**

DESCRIPTION	PROPOSED	EXISTING
CONCRETE SIDEWALK OR CURB & GUTTER	1'-2" 7'-3"	N/A
ASPHALT CONCRETE THICKNESS PER TYPICAL SECTIONS	6 INCH THICK ROADWAY RECONSTRUCTION	N/A
PLANTER STRIP	CONCRETE PAVERS	N/A

**CONSTRUCTION NOTES**

- (E18) SAWCUT AND CONFORM TO EXISTING ASPHALT CONCRETE.
- (E19) RECONSTRUCT EXISTING ROADWAY PER DETAIL 1-16.
- (E20) RECONSTRUCT EXISTING ROADWAY PER DETAIL 1-18.
- (E21) RECONSTRUCT EXISTING ROADWAY PER DETAIL 1-17.
- (E22) THERMOPLASTIC STOP LEGEND PER CALTRANS STD. PLAN A240.
- (E23) THERMOPLASTIC NO PASSING STRIPE DETAIL 21 PER CALTRANS STD. PLAN A240.
- (E24) THERMOPLASTIC CENTERLINE STRIPE DETAIL 1 PER CALTRANS STD. PLAN A240.
- (E25) THERMOPLASTIC CENTERLINE STRIPE DETAIL 22 PER CALTRANS STD. PLAN A240.
- (E26) CROSSWALK BARS PER DETAIL 2-2.
- (E27) THERMOPLASTIC 6" SOLID WHITE EDGE LINE.
- (E28) REMOVE EXISTING AC & INSTALL 6" FULL DEPTH AC.
- (E29) REMOVE EXISTING ROADWAY PER DETAIL 1-16.
- (E30) INSTALL WHITE THERMOPLASTIC YIELD LINE MARKINGS PER CALTRANS STD. PLAN A24E.
- (E31) INSTALL RT-5A YIELD HERE TO PEDESTRIANS SIGN ON NEW POST PER CITY STD DETAIL 116.
- (E32) REMOVE EXISTING CROSSWALK STRIPING.
- (E33) REMOVE EXISTING STRIPE & INSTALL THERMOPLASTIC NO PASSING STRIPE DETAIL 21 PER CALTRANS STD. PLAN A240.
- (E34) REMOVE EXISTING STRIPE DETAIL 21 PER CALTRANS STD. PLAN A240.
- (E35) THERMOPLASTIC CENTERLINE STRIPE DETAIL 22 PER CALTRANS STD. PLAN A240.

CLARA AVENUE RECONSTRUCTION PROJECT  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8037 Fax  
**Coastland Civil Engineering, Inc.**  
 HEIDI E. UTTERBACK, RCE 53723 DATE  
 4/23/2020  
 DESIGNED BY  
 WAK  
 DRAWN BY  
 WAK  
 REVIEWED BY  
 HEU  
 PREPARED UNDER THE DIRECTION OF  
 CIVIL  
 No. 63723  
 STATE OF CALIFORNIA  
 PROFESSIONAL ENGINEER



MATCH LINE - STA. 24+50 SEE ABOVE RIGHT  
 MATCH LINE - STA. 28+75 SEE SHEET NO. 12  
 MATCH LINE - STA. 24+50 SEE BELOW LEFT  
 MATCH LINE - STA. 19+75 SEE SHEET NO. 10

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

1  
2  
3

GRAPHIC SCALE  
 1 inch = 20 ft.  
 1" = 20'

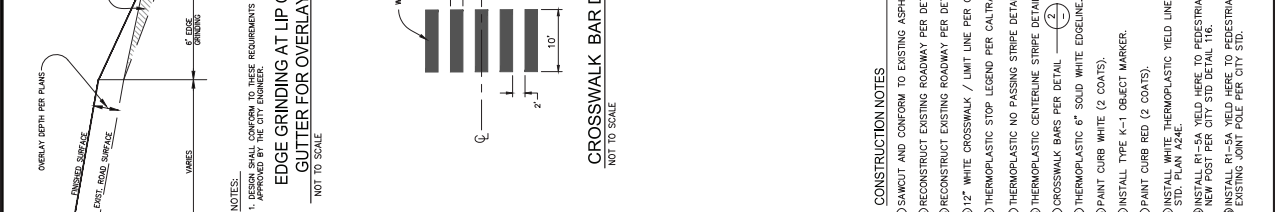
LEGEND

DESCRIPTION	EXISTING	PROPOSED
CONCRETE SIDEWALK OR CURB & GUTTER	N/A	1-1
ASPHALT CONCRETE, THICKNESS PER TYPICAL SECTIONS	N/A	2-1
6 INCH THICK ROADWAY RECONSTRUCTION	N/A	3-1
PLANTER STRIP	N/A	4-1
CONCRETE PAVERS	N/A	5-1
EDGE GRIND	N/A	6-1

CONSTRUCTION NOTES

- (R1) RECONSTRUCT EXISTING ROADWAY PER DETAIL 1-16
- (R2) RECONSTRUCT EXISTING ROADWAY PER DETAIL 2-16
- (R3) INSTALL 6" DEEP FULL DEPTH ASPHALT CONCRETE
- (R4) 12" WHITE CROSSWALK / LIMIT LINE PER CALTRANS STD. PLAN A24E
- (R5) THERMOPLASTIC STOP LEGEND PER CALTRANS STD. PLAN A24D
- (R6) THERMOPLASTIC NO PASSING STRIPE DETAIL 21 PER CALTRANS STD. PLAN A20A
- (R7) THERMOPLASTIC CENTERLINE STRIPE DETAIL 1 PER CALTRANS STD. PLAN A20A
- (R8) CROSSWALK BARS PER DETAIL 2-17
- (R9) THERMOPLASTIC 6" SOLID WHITE EDGE LINE
- (R10) INSTALL WHITE THERMOPLASTIC YIELD LINE MARKINGS PER CALTRANS STD. PLAN A24E
- (R11) INSTALL 8"-5A YIELD HERE TO PEDESTRIANS SIGN ON NEW POST PER CITY STD DETAIL 116
- (R12) OVERLAY EXISTING ROADWAY PER DETAIL 1-16
- (R13) CONFORM TO ASPHALT CONCRETE OVERLAY

PREPARED UNDER THE DIRECTION OF  
 HEIDI E. UTTENBACH, P.E. 53723 DATE 4/23/2020  
 DESIGNED BY WJK  
 DRAWN BY WJK  
 REVIEWED BY WJK  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8005  
 Coastland Civil Engineering, Inc.



NOTES:  
 1. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.



CONSTRUCTION NOTES  
 RE20 SAWCUT AND CONFORM TO EXISTING ASPHALT CONCRETE.  
 RE21 RECONSTRUCT EXISTING ROADWAY PER DETAIL 1.  
 RE22 RECONSTRUCT EXISTING ROADWAY PER DETAIL 2.  
 RE23 RECONSTRUCT EXISTING ROADWAY PER DETAIL 3.  
 RE24 12\"/>



FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

DATE: 2020-04-23 11:58:12 AM  
 PROJECT: CLARA AVENUE RECONSTRUCTION PROJECT  
 DRAWING: STRIPING & RECONSTRUCTION PLAN  
 SHEET: 12 OF 31  
 USER: HEIDI.UTTENBACH@CEI-CA.COM  
 PLOT: 2020-04-23 11:58:12 AM







**SIDNIE ST. BULBOUT DETAILS**  
 CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08

707.571.8005  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
**Coastland Civil Engineering, Inc.**  
 HEIDI E. UTTERBACK, RCE 53723 DATE  
 4/23/2020  
 WAK  
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 WAK  
 HEU  
 PREPARED UNDER THE DIRECTION OF



CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CITY OF UTAH  
 PROJECT NUMBER 29-4352  
 DRAWING DATE APRIL 2020  
 SHEET NUMBER 15 of 31

**SIDNIE ST. BULBOUT DETAILS**  
 CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08

707.571.8005  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
**Coastland Civil Engineering, Inc.**  
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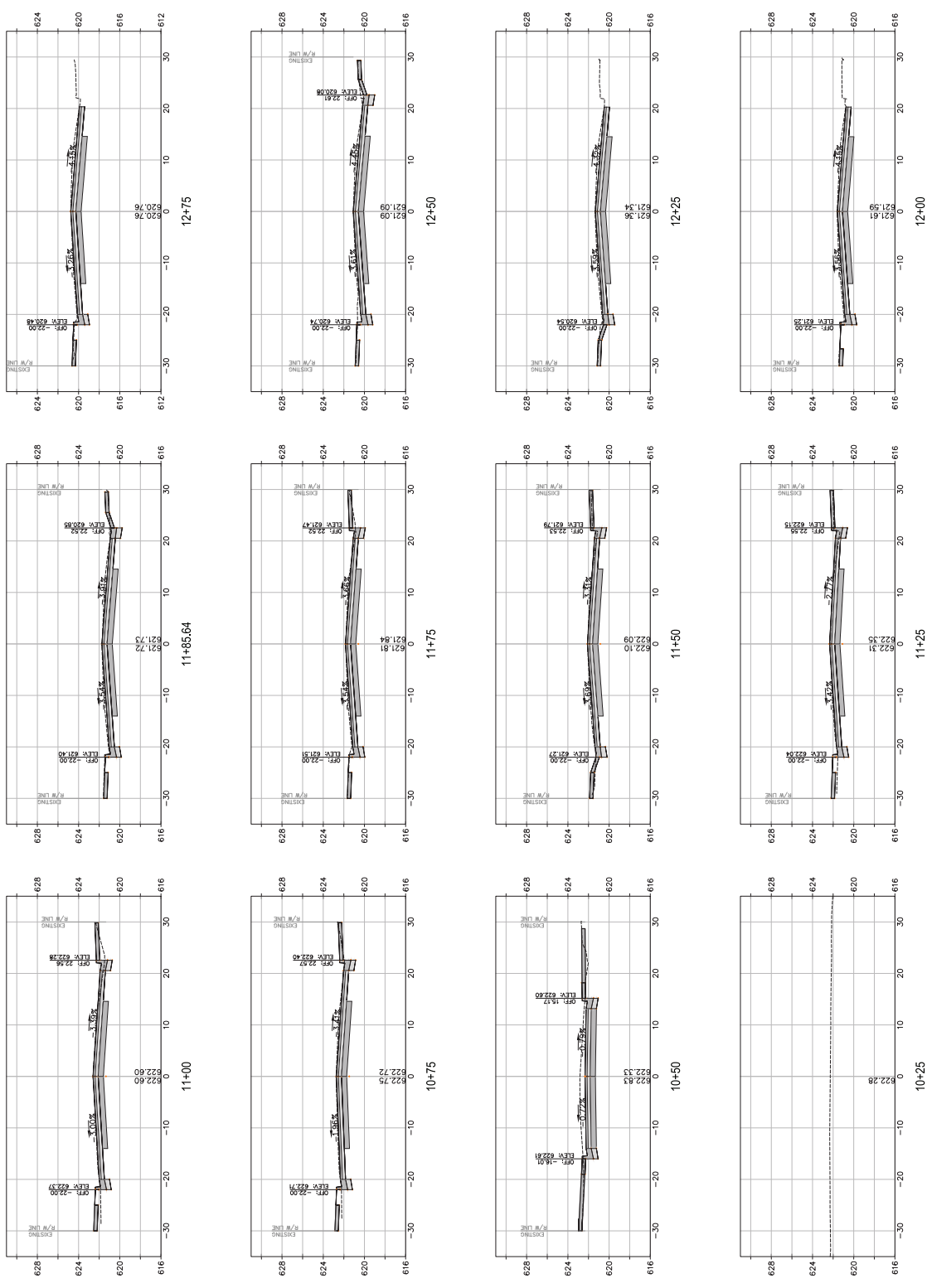
PREPARED UNDER THE DIRECTION OF  
 HEIDI E. UTTERBACK, P.E. 53723 DATE  
 4/23/2020  
 WAK  
 DRAWN BY  
 DESIGNED BY  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8037 fax  
**Coastland Civil Engineering, Inc.**



CITY OF UKIAH  
 CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
**CROSS SECTIONS**  
**STA. 10+25 TO STA. 12+75**

PROJECT NUMBER  
 29-4352  
 DRAWING DATE  
 APRIL 2020  
 SHEET NUMBER  
**19** OF **31**

CROSS SECTION SCALES  
 HORIZ.: 1" = 10'  
 VERT.: 1" = 5'





HEIDI E. UTTERBACK, P.E.  
 4/23/2020  
 REVIEWED BY  
 WAK  
 DRAWN BY  
 WAK  
 DESIGNED BY  
 WAK  
 PREPARED UNDER THE DIRECTION OF

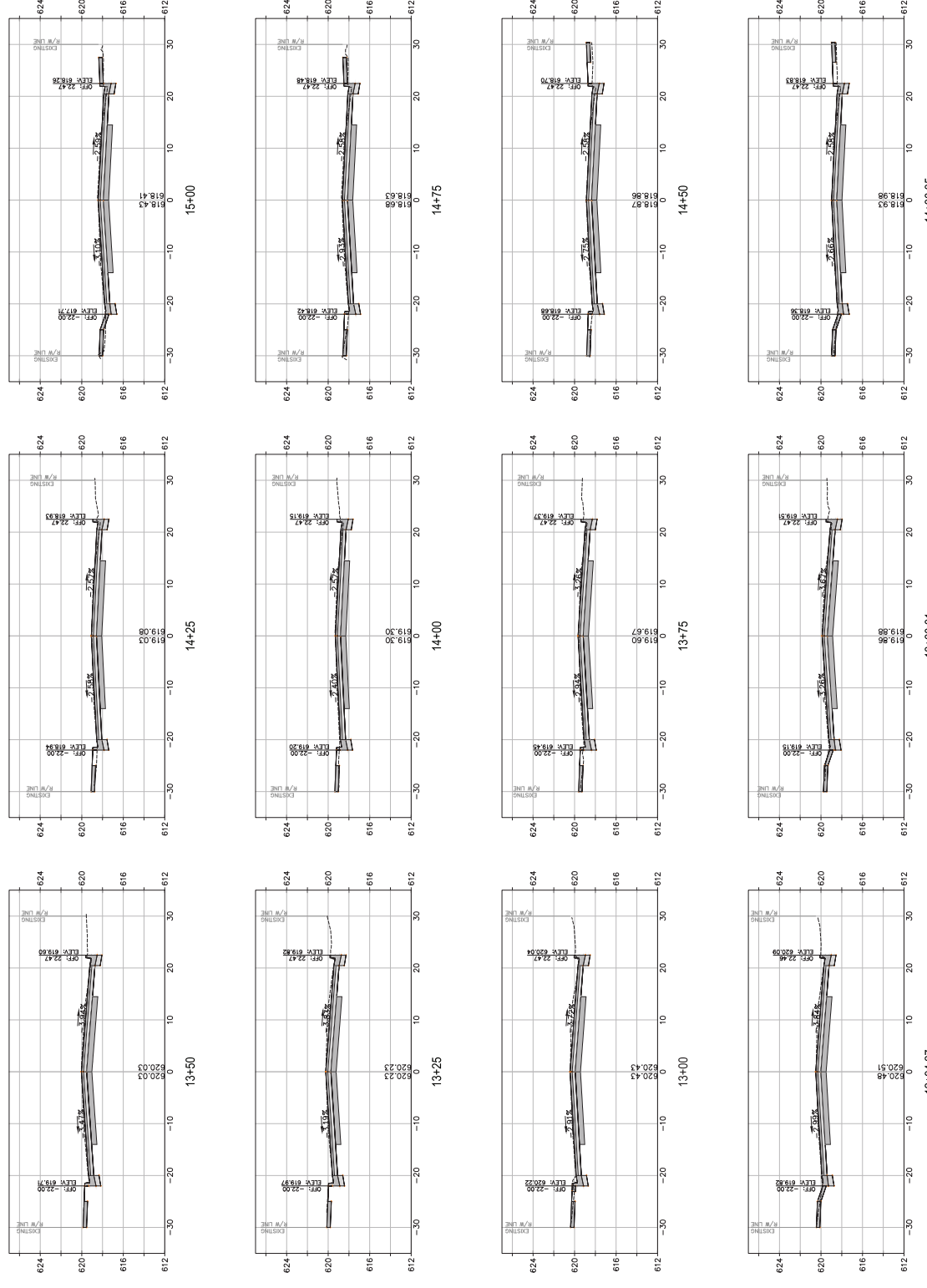
**Coastland Civil Engineering, Inc.**  
 HEIDI E. UTTERBACK, P.E. 53723 DATE  
 707.571.8037 fax  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8005



CITY OF UKIAH  
 CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
**CROSS SECTIONS**  
 STA. 12+94.27 TO STA. 15+00

PROJECT NUMBER  
 20-4352  
 DRAWING DATE  
 APRIL 2020  
 SHEET NUMBER  
**20 of 31**

CROSS SECTION SCALES  
 HORIZ: 1" = 10'  
 VERT: 1" = 5'





HEIDI E. UTTERBACK, P.E. 4/23/2020  
 DESIGNED BY  
 DRAWN BY  
 W/MK  
 W/MK  
 PREPARED UNDER THE DIRECTION OF

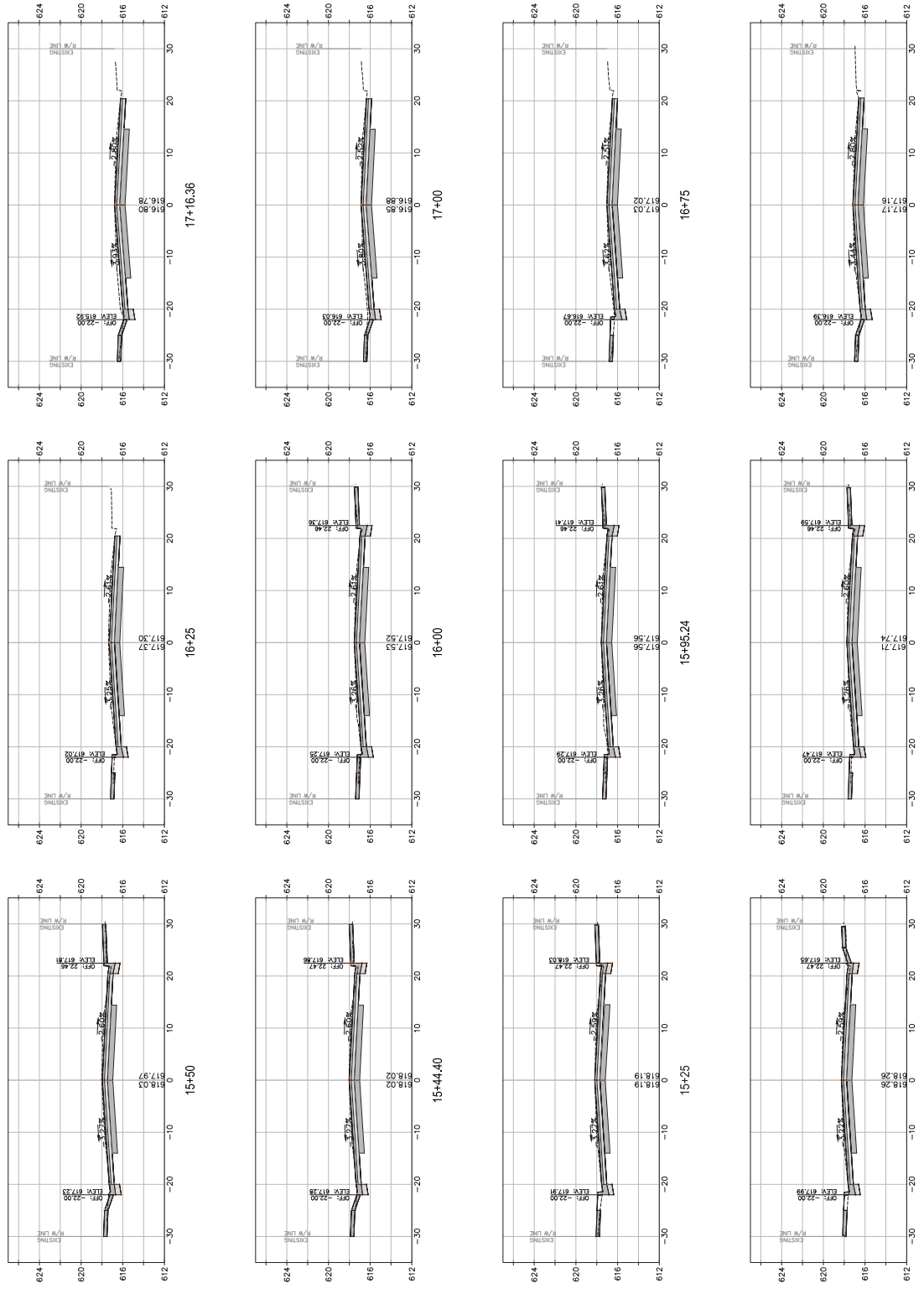
Coastland Civil Engineering, Inc.  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8037 fax



CITY OF UKIAH  
 CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CROSS SECTIONS  
 STA. 15+17.03 TO STA. 17+16.36

PROJECT NUMBER  
 29-4352  
 DRAWING DATE  
 APRIL 2020  
 SHEET NUMBER  
 21 OF 31

CROSS SECTION SCALES  
 HORIZ.: 1" = 10'  
 VERT.: 1" = 5'





PREPARED UNDER THE DIRECTION OF  
 HEIDI E. UTTERBACK, RCE 53723 DATE  
 4/23/2020  
 WAK  
 DRAWN BY  
 HEU

DESIGNED BY  
 HEIDI E. UTTERBACK, RCE 53723 DATE  
 4/23/2020  
 WAK  
 DRAWN BY  
 HEU



1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8035  
 707.571.8037 fax

# CROSS SECTIONS STA. 17+25 TO STA. 18+25

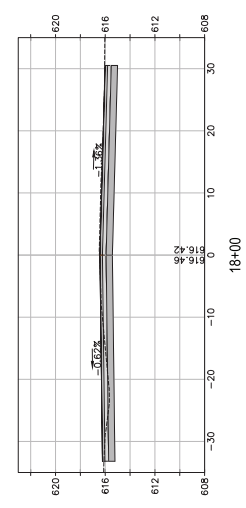
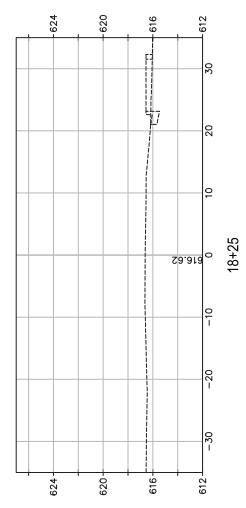
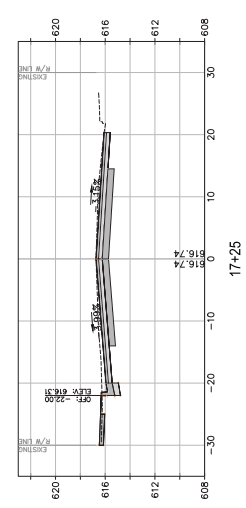
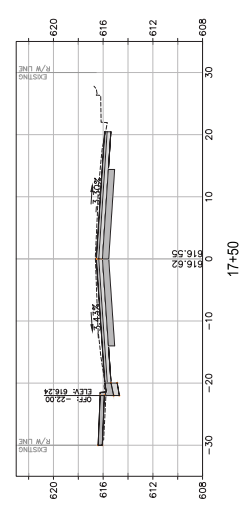
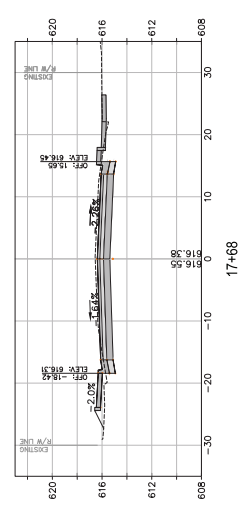
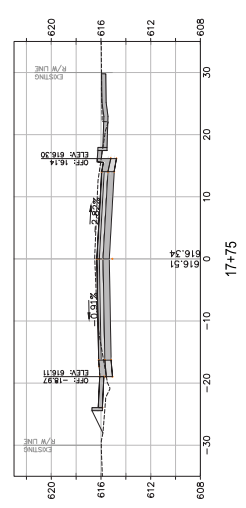
CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CITY OF UKIAH  
 CALIFORNIA

PROJECT NUMBER  
 29-4352

DRAWING DATE  
 APRIL 2020

SHEET NUMBER  
 22 of 31

CROSS SECTION SCALES  
 HORIZ.: 1" = 10'  
 VERT.: 1" = 5'







HEIDI E. UTTERBACK, P.E.  
 No. 53723  
 STATE OF CALIFORNIA  
 PROFESSIONAL ENGINEER  
 CIVIL

PREPARED UNDER THE DIRECTION OF  
 HEIDI E. UTTERBACK, P.E. 5/23/2020  
 DESIGNED BY  
 DRAWN BY  
 WAK  
 WAK  
 707.571.8037 Fax  
 707.571.8005



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 1400 Neotomas Avenue, Santa Rosa, CA 95405

CROSS SECTIONS  
 STA. 18+50 TO STA. 20+89.64

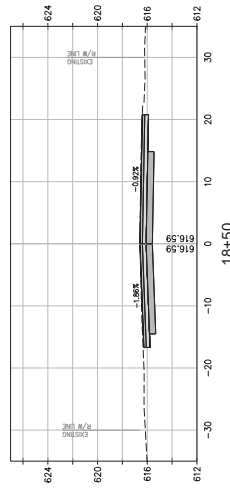
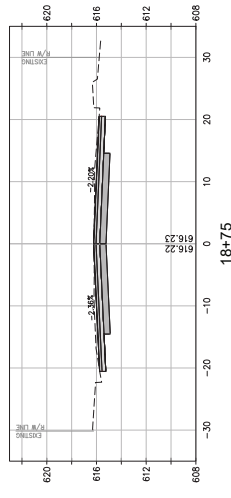
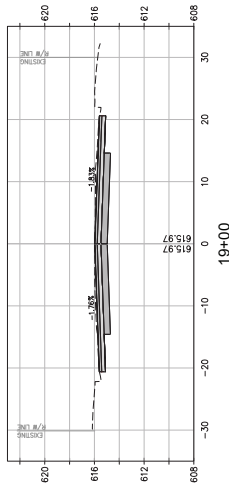
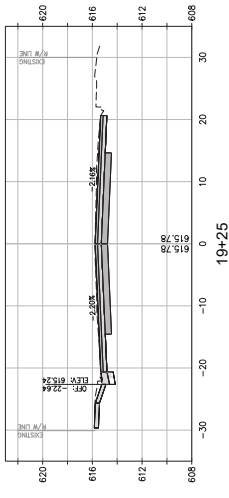
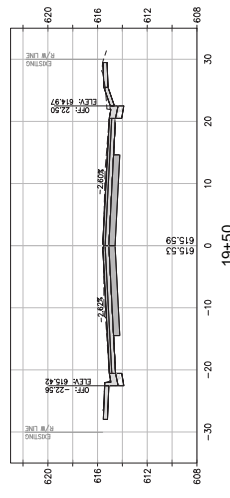
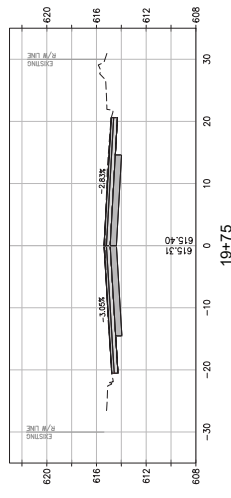
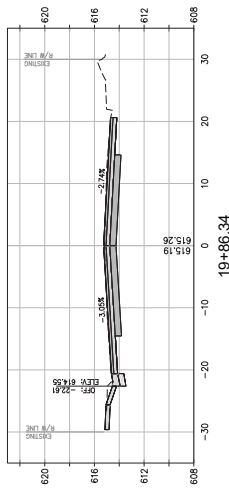
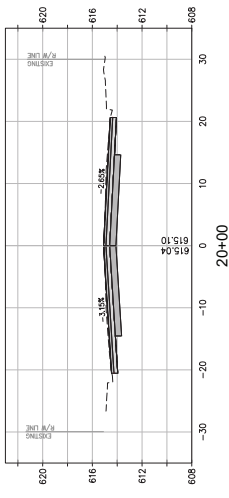
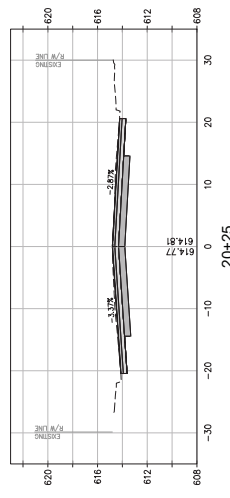
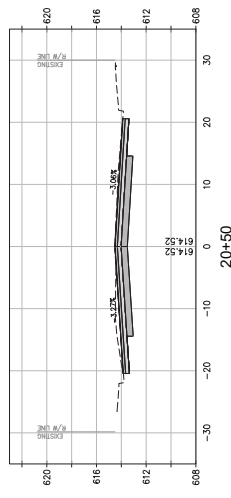
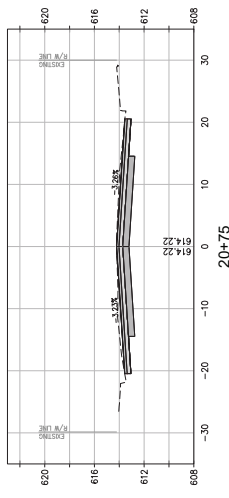
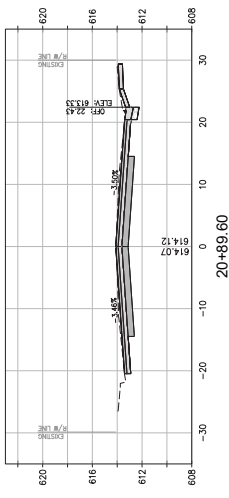
CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CITY OF UKIAH

PROJECT NUMBER  
 20-4352

DRAWING DATE  
 APRIL 2020

SHEET NUMBER  
 23 OF 31

CROSS SECTION SCALES  
 HORIZ. 1" = 10'  
 VERT. 1" = 5'





HEIDI E. UTTERBACK, P.E.  
 4/23/2020  
 RCE 53723 DATE  
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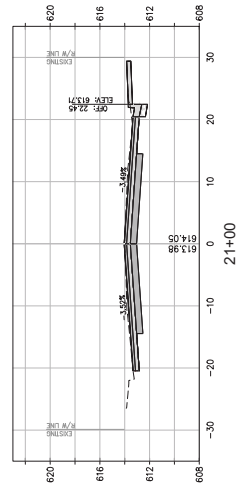
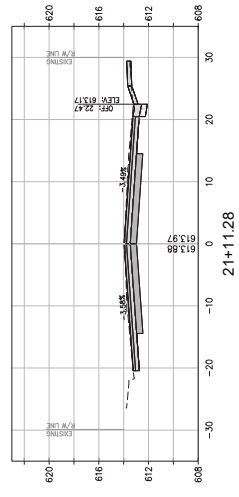
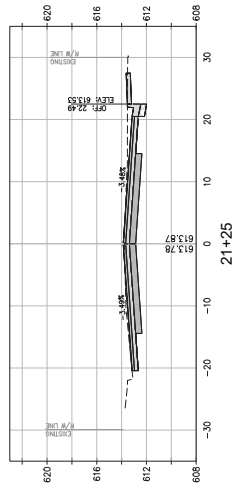
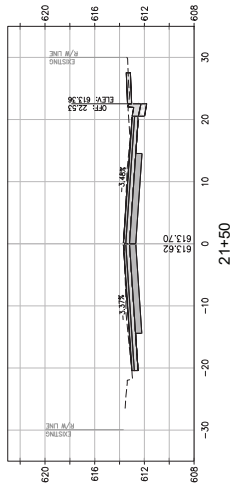
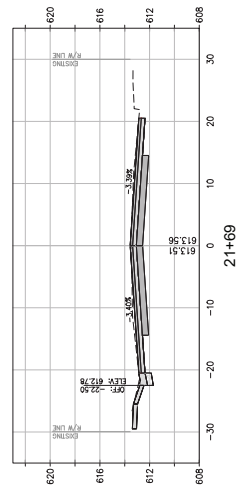
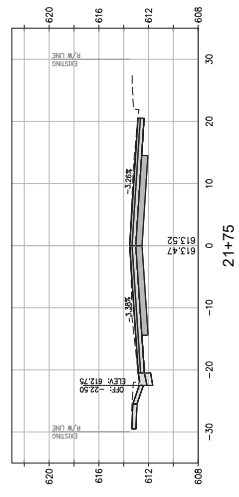
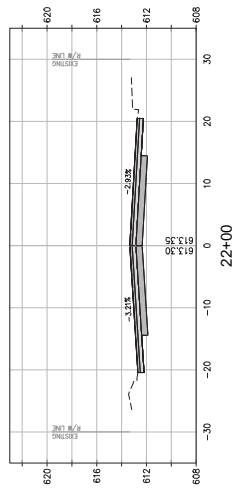
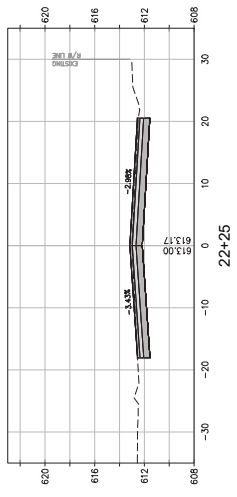
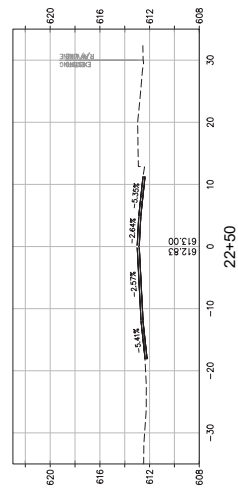
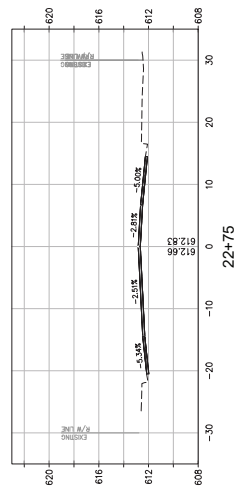
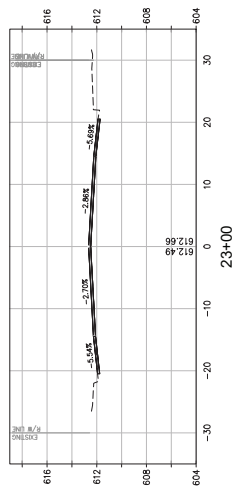
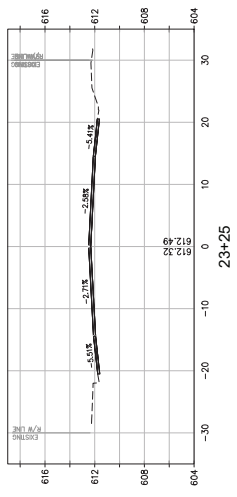
PREPARED UNDER THE DIRECTION OF  
 Heidi E. Utterback, P.E.  
**Coastland Civil Engineering, Inc.**



CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CITY OF UKIAH  
**CROSS SECTIONS**  
**STA. 21+00 TO STA. 23+25**

PROJECT NUMBER  
 20-4352  
 DRAWING DATE  
 APRIL 2020  
 SHEET NUMBER  
**24** of **31**

CROSS SECTION SCALES  
 HORIZ. 1" = 10'  
 VERT. 1" = 5'





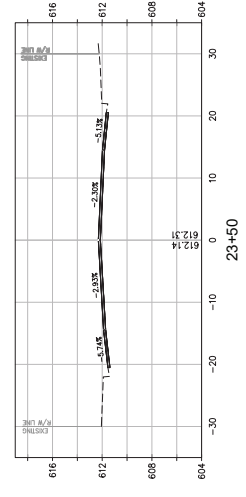
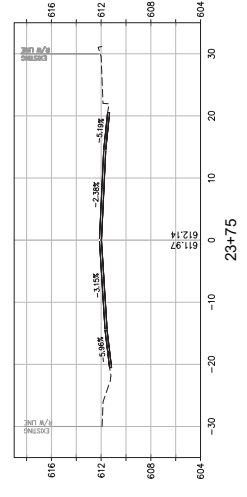
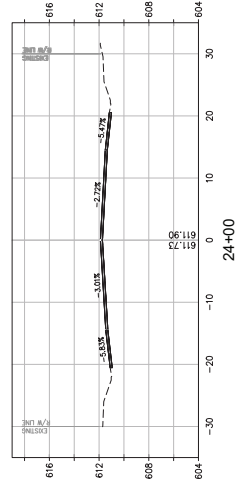
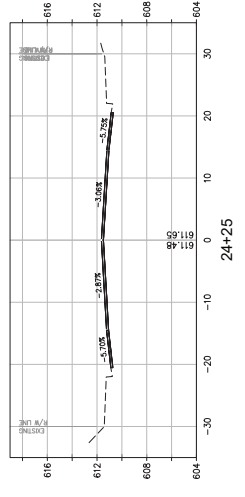
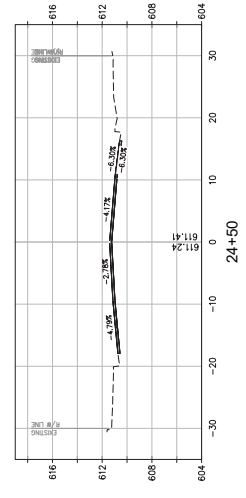
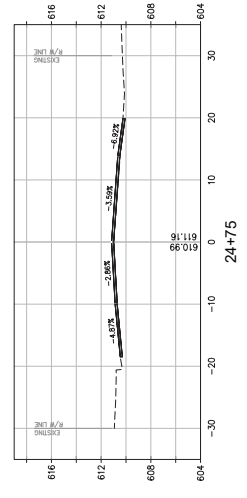
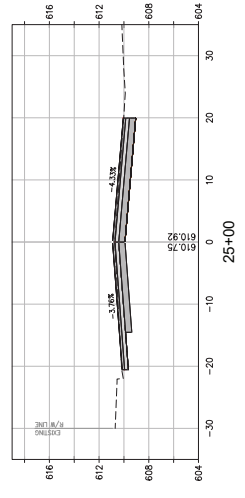
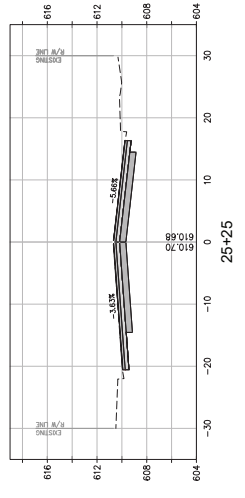
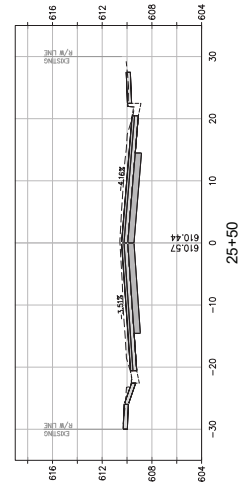
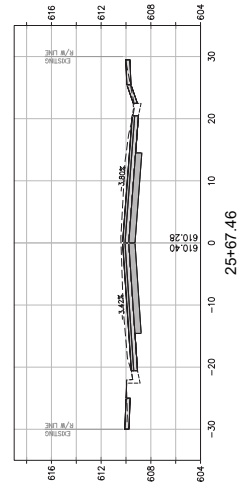
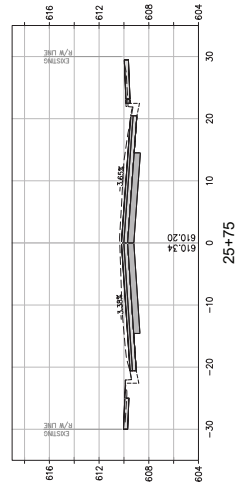
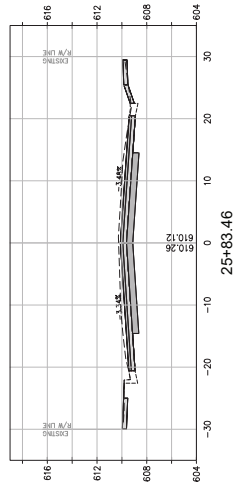
HEIDI E. UTTERBACK, P.E.  
 4/23/2020  
 DRAWN BY: WAK  
 REVIEWED BY: HEU  
 PREPARED UNDER THE DIRECTION OF

Coastland Civil Engineering, Inc.  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8037 fax

CITY OF UKIAH  
 CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CROSS SECTIONS  
 STA. 23+50 TO STA. 25+83.48

PROJECT NUMBER: 20-4352  
 DRAWING DATE: APRIL 2020  
 SHEET NUMBER: 25 OF 31

CROSS SECTION SCALES  
 HORIZ: 1" = 10'  
 VERT: 1" = 5'







HEIDI E. UTTERBACK, P.E.  
 APRIL 23, 2020  
 REVIEWED BY  
 W/M K  
 DRAWN BY  
 W/M K  
 DESIGNED BY  
 W/M K  
 PREPARED UNDER THE DIRECTION OF

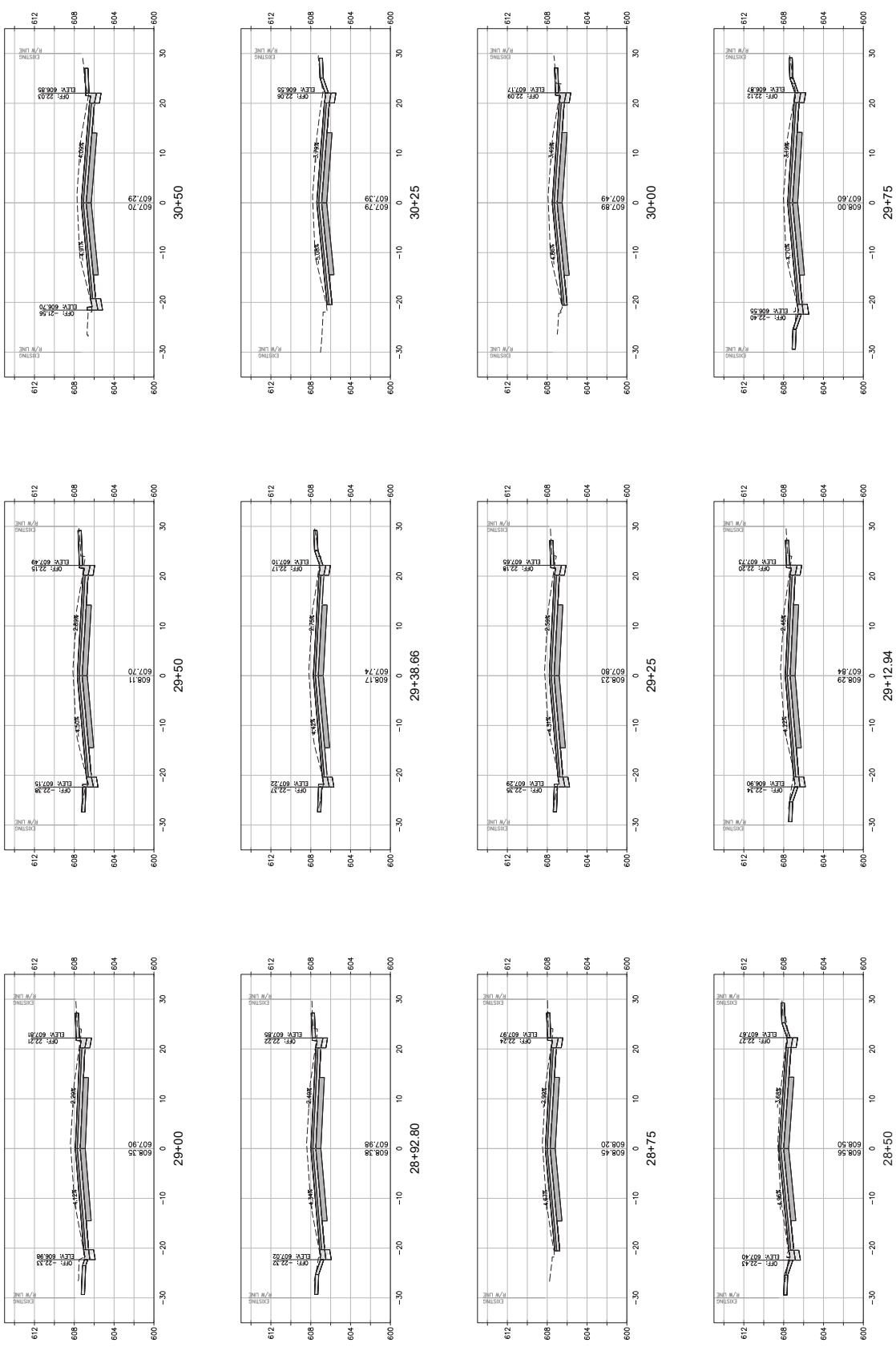
**Coastland Civil Engineering, Inc.**  
 HEIDI E. UTTERBACK, P.E.  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8037 Fax



CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CITY OF UKIAH  
**CROSS SECTIONS**  
**STA. 28+50 TO STA. 30+50**

PROJECT NUMBER  
 29-4352  
 DRAWING DATE  
 APRIL 2020  
 SHEET NUMBER  
**27** OF **31**

CROSS SECTION SCALES  
 HORIZ: 1" = 10'  
 VERT: 1" = 5'





HEIDI E. UTTERBACK, P.E.  
 APRIL 23, 2020  
 DRAWN BY: WAK  
 REVIEWED BY: WAK  
 PREPARED UNDER THE DIRECTION OF

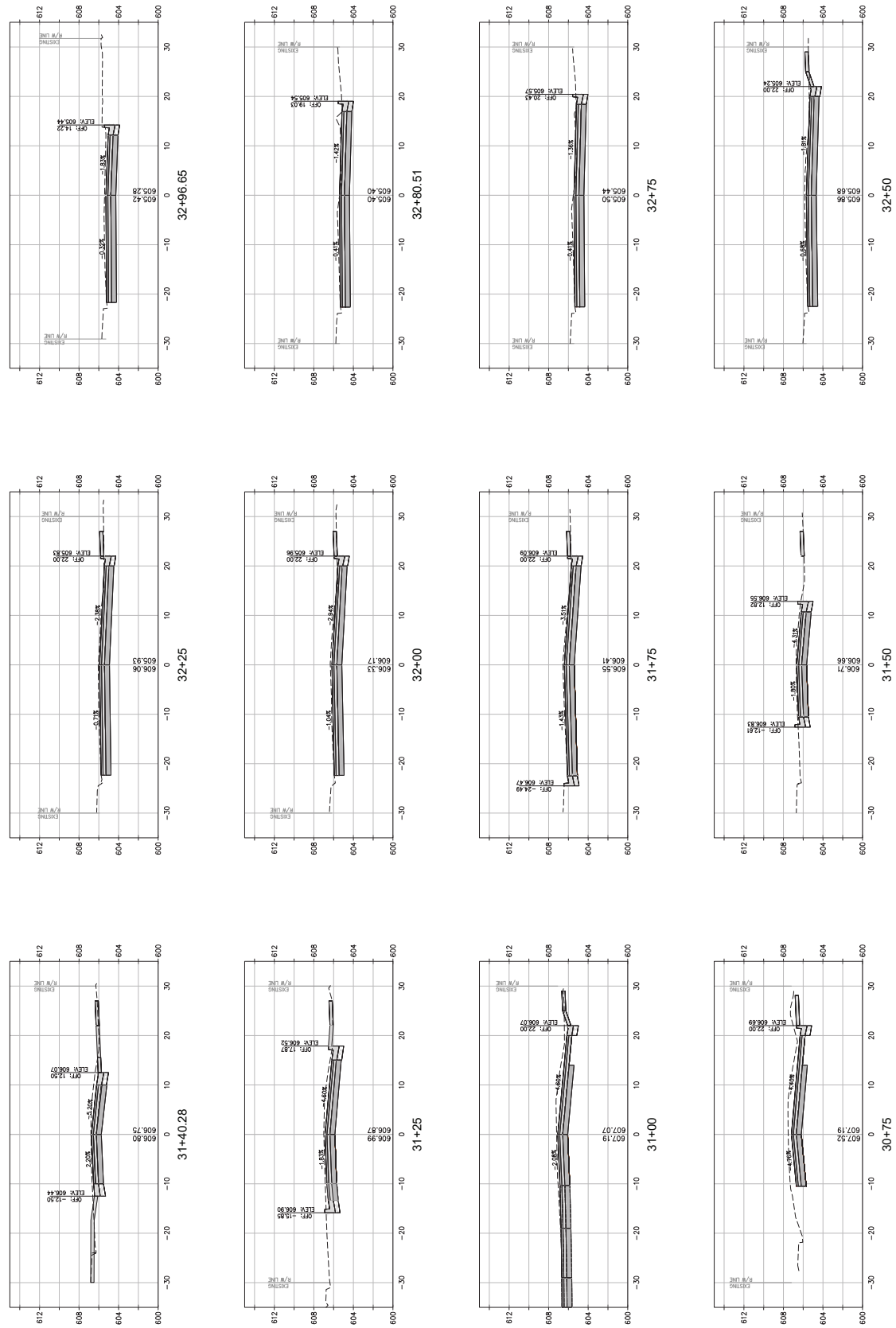
**Coastland Civil Engineering, Inc.**  
 HEIDI E. UTTERBACK, P.E. 53723 DATE  
 DESIGNED BY: WAK  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8037 fax



CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CITY OF UKIAH  
**CROSS SECTIONS**  
 STA. 30+75 TO STA. 32+96.65  
 PROJECT NUMBER: 20-4352  
 DRAWING DATE: APRIL 2020

SHEET NUMBER: 28 OF 31

CROSS SECTION SCALES  
 HORIZ: 1" = 10'  
 VERT: 1" = 5'











PREPARED UNDER THE DIRECTION OF  
 DESIGNED BY  
 DRAWN BY  
 CHECKED BY  
 HEID E. UTTERBACK, RCE 53723 DATE  
 WJK  
 WJK  
 HEU

**Coastland Civil Engineering, Inc.**  
 1400 Neotomas Avenue, Santa Rosa, CA 95405  
 707.571.8037 Fax  
 Heidi E. Utterback 4/23/2020



CLARA AVENUE RECONSTRUCTION PROJECT  
 SPECIFICATION NO. 20-08  
 CITY OF UKIAH  
 CALIFORNIA

**CROSS SECTIONS  
 STA. 35+75 TO STA. 36+25**

PROJECT NUMBER  
 20-4352  
 DRAWING DATE  
 APRIL 2020  
 SHEET NUMBER  
**31** OF 31

CROSS SECTION SCALES  
 HORIZ: 1" = 10'  
 VERT: 1" = 5'

