

This document, together with the concepts and designs presented herein, is an instrument of service, in testimony of which, it was prepared. None of our designs or calculations are shown without our signature and the seal of the State of California. We warrant that the information contained herein is true and correct to the best of our knowledge and belief. We warrant that the information contained herein is true and correct to the best of our knowledge and belief. We warrant that the information contained herein is true and correct to the best of our knowledge and belief.

PROJECT DESCRIPTION

CONSTRUCT TRAFFIC CALMING IMPROVEMENTS ON CLARES STREET FROM 41ST AVENUE TO WHARF ROAD TO IMPROVE ACCESS FOR VEHICLES, BICYCLES, AND PEDESTRIANS. THE PROJECT SCOPE INCLUDES RE-PAVING THE CLARES STREET ROADWAY AND CONSTRUCTING RAISED CROSSWALKS.

BASIS OF BEARINGS AND ELEVATIONS

THE BASIS OF BEARINGS FOR THIS MAP IS THE SOUTHERN LINE OF THE REMAINDER LOT AS SHOWN ON TRACT 1398, CLARES/WHARF SITE, FILED IN VOLUME 91 OF MAPS AT PAGE 12, SANTA CRUZ COUNTY RECORDS, AND FROM MONUMENTS FOUND AS SHOWN = N 89°40'28" E

THE BASIS OF ELEVATIONS FOR THIS MAP IS THE COUNTY OF SANTA CRUZ BENCHMARK 63A. DESCRIPTION: SER COR OF BAY AVENUE AND CAPITOLA AVENUE INTERSECTION 37' SE FROM C/L OF CAPITOLA AVENUE AND 22' SW FROM C/L BAY AVENUE, STD. BRASS CAP SET IN TOP OF CONCRETE CURB

ELEVATION = 49.777 (NGVD 29 ADJUSTED)

CONTOUR INTERVAL = 1 FOOT
DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF

BASE BID

"C" LINE STA 29+30 TO 50+21

41ST AVENUE TO WHARF ROAD: IMPROVEMENTS INCLUDE PAVEMENT RECONSTRUCTION, RAISED CROSSWALKS, SIDEWALK, CURB RAMPS, SIGNING, AND STRIPING ALONG CLARES STREET.

ADD ALTERNATIVE 1

"C" LINE STA 27+78 TO 29+30

INTERSECTION OF 41ST AVENUE AND CLARES STREET: IMPROVEMENTS INCLUDE PAVEMENT RECONSTRUCTION, CURB RAMPS, SIGNING, AND STRIPING WITHIN THE SIGNALIZED INTERSECTION.

ACCEPTANCE OF PLANS

THE CITY OF CAPITOLA HEREBY ACCEPTS THESE PLANS FOR CONSTRUCTION, AS BEING IN GENERAL COMPLIANCE WITH PLANS PREPARATION REQUIREMENTS OF THIS GOVERNMENT. RESPONSIBILITY FOR THE COMPLETENESS AND ACCURACY OF THE PLANS AND RELATED DESIGN RESIDES WITH THE ENGINEER AND ENGINEERING FIRM OF RECORD.

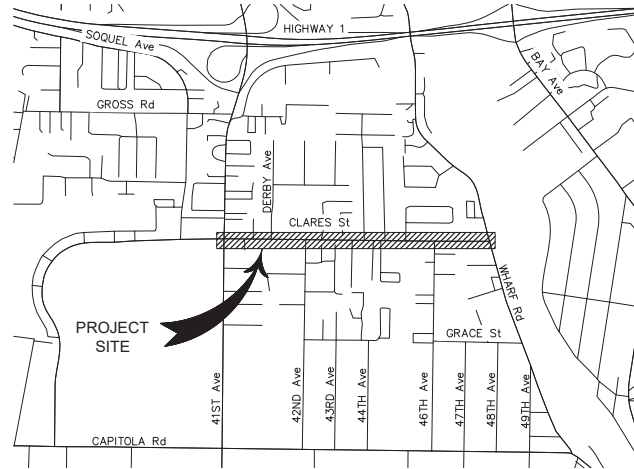
xxxxxxx
DATE

STEVE JESBERG P.E.
DIRECTOR OF PUBLIC WORKS
CITY ENGINEER
CITY OF CAPITOLA

CLARES STREET TRAFFIC CALMING IMPROVEMENTS

SANTA CRUZ COUNTY
CAPITOLA, CALIFORNIA

TO BE SUPPLEMENTED BY THE PROJECT SPECIFICATIONS, CITY OF CAPITOLA STANDARD DRAWINGS, CALTRANS REVISED STANDARD PLANS DATED OCTOBER 2021, AND CALIFORNIA MUTCD REV 6 DATED MARCH 2021.



VICINITY MAP
NO SCALE

SHEET INDEX		
SHEET No	DRAWING No	SHEET CONTENTS
1-2	T-1 TO T-2	TITLE SHEET AND GENERAL NOTES
3	X-1	TYPICAL SECTIONS
4-7	L-1 TO L-4	LAYOUT PLANS
8-10	CD-1 TO CD-3	CONSTRUCTION DETAILS
11-14	SS-1 TO SS-4	SIGNING AND STRIPING PLANS

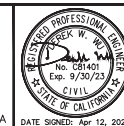


No.	REVISIONS	DATE	BY

Kimley»Horn
© 2022 KIMLEY-HORN AND ASSOCIATES, INC.
10 S ALMADEN BOULEVARD, SUITE 1250, SAN JOSE, CA 95131
PHONE: 669-800-4130
WWW.KIMLEY-HORN.COM

KHA PROJECT
097763133
DATE
4/12/2022
SCALE AS SHOWN
DESIGNED BY DW
DRAWN BY DW
CHECKED BY TM/KM

CLARES STREET TRAFFIC
CALMING IMPROVEMENTS
PREPARED FOR
CITY OF CAPITOLA
SANTA CRUZ COUNTY



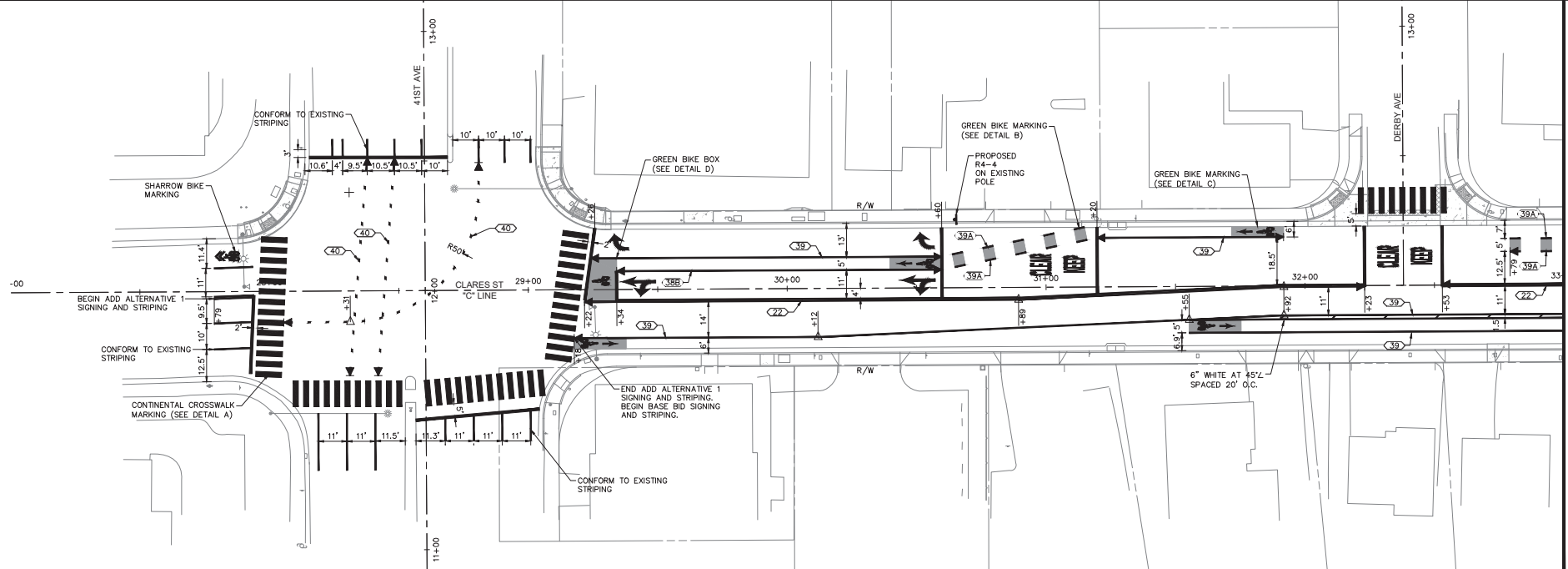
TITLE SHEET

SHEET NO. 1
OF 14 SHEETS

T-1

CA DATE SIGNED: Apr 12, 2022

This document, together with the concepts and designs presented herein, is an instrument of service. It is prepared only for the specific project and client for which it was prepared. None of our engineers' services on this document without authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



MATCH LINE 33+00 SEE SHEET SS-2

GENERAL SIGNING AND STRIPING NOTES

1. ALL EXISTING SIGNS SHALL BE PROTECTED IN PLACE UNLESS SPECIFIED FOR REMOVAL OR RELOCATION.
2. ALL EXISTING SIGNS SPECIFIED FOR REMOVAL SHALL NOT BE REMOVED UNTIL NO LONGER PERTINENT TO TRAFFIC CONTROL.
3. ALL EXISTING PAVEMENT DELINEATION CONFLICTING WITH PROPOSED STRIPING SHALL BE REMOVED PRIOR TO NEW STRIPING INSTALLATION.
4. ALL PAVEMENT DELINEATION MUST BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE CALIFORNIA MUTCD AND CALTRANS STANDARD PLANS.
5. ALL STRIPING DIMENSIONS SHOWN ARE MEASURED FROM: (1) STRIPE CENTERLINE TO STRIPE CENTERLINE OR (2) TO TOP OF CURB TO STRIPE CENTERLINE WHICHEVER SCENARIO IS CLOSER.

LEGEND

- ▲ EXISTING SIGN
- ▲ PROPOSED SIGN
- XX EXISTING STRIPING DETAIL
- XX PROPOSED STRIPING DETAIL
- ▶ STRIPING CHANGE
- ▶ STRIPING LIMIT
- ▲ ANGLE POINT
- PM PAVEMENT MARKING

SIGNING AND STRIPING NOTES

- 1 FURNISH AND INSTALL POLE MOUNTED RECTANGULAR RAPID FLASHING BEACON (RRFB) ASSEMBLY PER VENDOR RECOMMENDATIONS (SEE DETAIL E)
- 2 SEE CONSTRUCTION DETAILS FOR SPEED TABLE WITH CROSSWALK PAVEMENT MARKINGS AND SIGNS PER CAPITOLA STANDARD DRAWINGS

SIGN TABLE		
DETAIL	DESCRIPTION	EA
R4-4	BEGIN RIGHT TURN, YIELD TO BIKES	1
W1-2	PEDESTRIAN CROSSING	12
W3-1P	20 MPH	6
W6-7P	DIAGONAL LEFT ARROW	6
W6-7P (R)	DIAGONAL RIGHT ARROW	6
W7-1 (MCD)	SPEED TABLE	6
TOTAL		37

STRIPING AND MARKING TABLE BASE BID			
DETAIL	PATTERN OR LEGEND	LF	SOFT
9	LANE LINE	0	-
22	CENTERLINE	1899	-
38	CHANNELIZING LINE	126	-
39	BIKE LANE LINE (INCLUDES BUFFER)	8055	-
39A	INTERSECTION LINE (BIKE LANE)	830	-
40	INTERSECTION LINE (DASHED)	0	-
PM	"STOP" MARKING	-	132
PM	"KEEP CLEAR" MARKING	-	102
PM	STOP BAR MARKING	-	245
PM	CONTINENTAL CROSSWALK MARKING	-	2080
PM	BIKE SYMBOL/ARROW MARKING	-	105
PM	CHEVRON ARROW (SPEED TABLE)	-	144
PM	TYPE IV ARROW	-	30
PM	TYPE VI ARROW	-	54
PM	GREEN PAINT FOR BIKE LANE	-	3079
TOTAL		10910	5971

STRIPING AND MARKING TABLE ADD ALTERNATIVE 1			
DETAIL	PATTERN OR LEGEND	LF	SOFT
9	LANE LINE	226	-
22	CENTERLINE	15	-
38	CHANNELIZING LINE	31	-
39	BIKE LANE LINE (INCLUDES BUFFER)	43	-
39A	INTERSECTION LINE (BIKE LANE)	0	-
40	INTERSECTION LINE (DASHED)	289	-
PM	"STOP" MARKING	-	0
PM	"KEEP CLEAR" MARKING	-	0
PM	STOP BAR MARKING	-	131
PM	CONTINENTAL CROSSWALK MARKING	-	1000
PM	BIKE SYMBOL/ARROW MARKING	-	0
PM	CHEVRON ARROW (SPEED TABLE)	-	0
PM	TYPE IV ARROW	-	0
PM	TYPE VI ARROW	-	0
PM	SHARROW	-	12
PM	GREEN PAINT FOR BIKE LANE	-	0
TOTAL		604	1143

No.	REVISIONS	DATE	BY

Kimley-Horn
 © 2022 KIMLEY-HORN AND ASSOCIATES, INC.
 10 S ALMADEN BOULEVARD, SUITE 1250, SAN JOSE, CA 95113
 PHONE: 669-800-4130
 WWW.KIMLEY-HORN.COM

KHA PROJECT
097763133
 DATE
4/12/2022
 SCALE AS SHOWN
 DESIGNED BY DW
 DRAWN BY DW
 CHECKED BY TM/KM

CLARES STREET TRAFFIC CALMING IMPROVEMENTS
 PREPARED FOR
CITY OF CAPITOLA
 SANTA CRUZ COUNTY

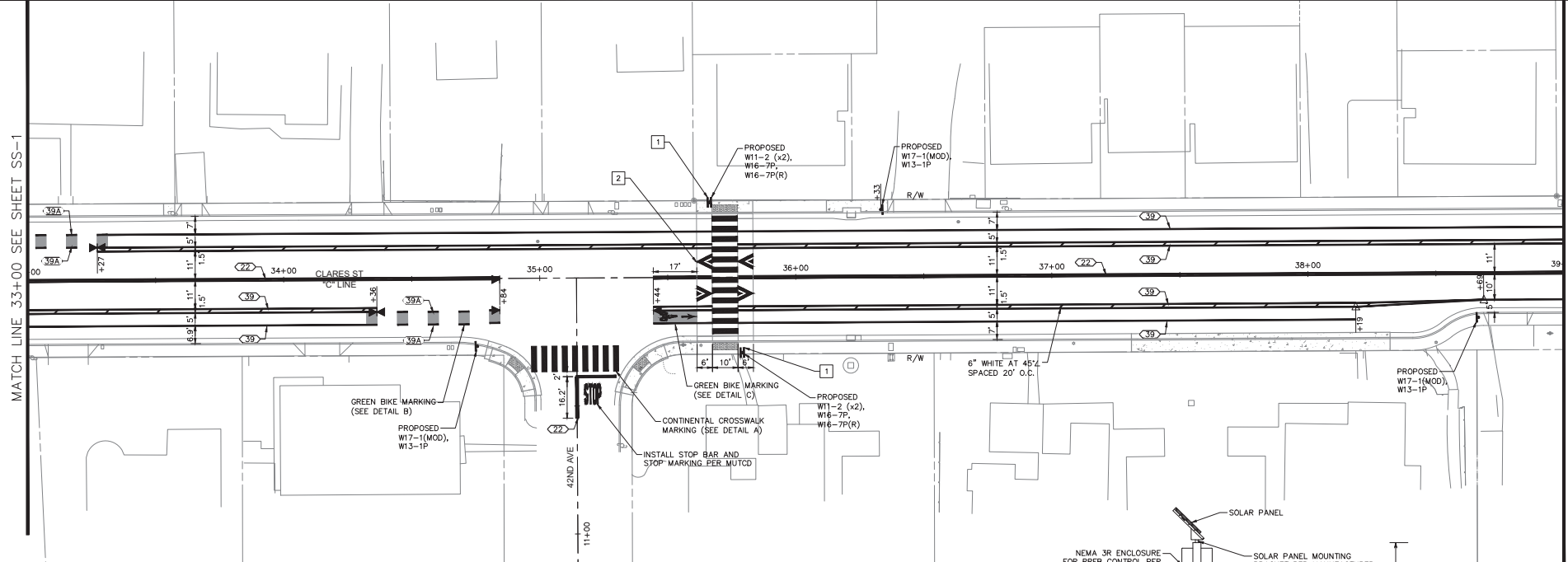


SIGNING AND STRIPING PLAN



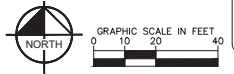
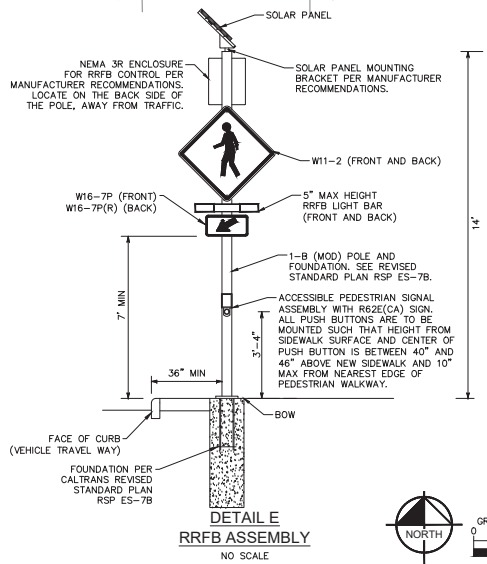
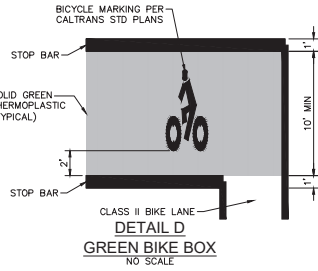
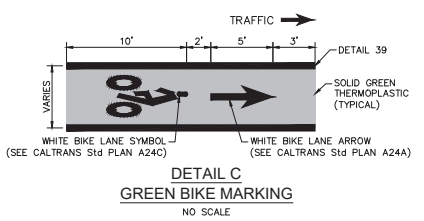
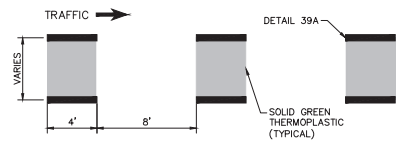
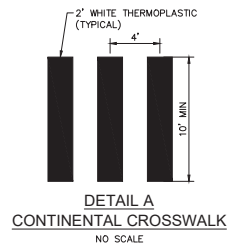
SHEET NO. 11
 OF 14 SHEETS
SS-1

This document, together with the concepts and designs presented herein, is an instrument of service. It is prepared, issued and used for the specific purpose and client for which it was prepared. Reason of use and transfer of rights in this document without authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



MATCH LINE 33+00 SEE SHEET SS-1

MATCH LINE 39+00 SEE SHEET SS-3



No.	REVISIONS	DATE	BY

Kimley-Horn
© 2022 KIMLEY-HORN AND ASSOCIATES, INC.
10 S ALMADEN BOULEVARD, SUITE 1250, SAN JOSE, CA 95131
PHONE: 669-800-4130
WWW.KIMLEY-HORN.COM

KHA PROJECT
097763133
DATE
4/12/2022
SCALE AS SHOWN
DESIGNED BY DW
DRAWN BY DW
CHECKED BY TM/KM

CLARES STREET TRAFFIC CALMING IMPROVEMENTS
PREPARED FOR
CITY OF CAPITOLA
SANTA CRUZ COUNTY

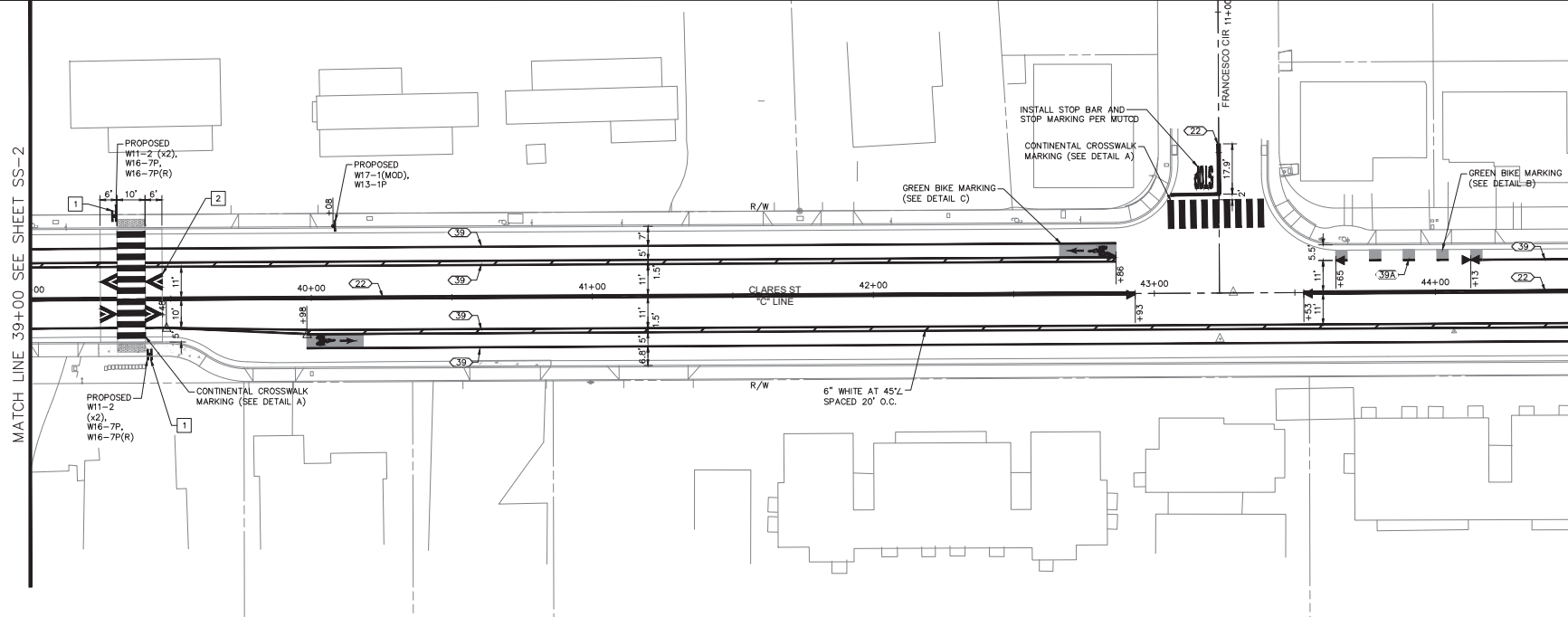


SIGNING AND STRIPING PLAN

SHEET NO. 12
OF 14 SHEETS
SS-2

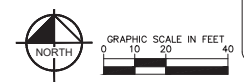
CA DATE SIGNED: Apr 12, 2022

This document, together with the concepts and designs presented herein, is an instrument of service. It is prepared, issued and delivered only for the specific purpose and client for which it was prepared. None of our designs or services shall be without liability to Kimley-Horn and Associates, Inc.



MATCH LINE 39+00 SEE SHEET SS-2

MATCH LINE 44+50 SEE SHEET SS-4



No.	REVISIONS	DATE	BY

Kimley-Horn
 © 2022 KIMLEY-HORN AND ASSOCIATES, INC.
 10 S ALMADEN BOULEVARD, SUITE 1250, SAN JOSE, CA 95113
 PHONE: 669-800-4130
 WWW.KIMLEY-HORN.COM

KHA PROJECT
 097763133
 DATE
 4/12/2022
 SCALE AS SHOWN
 DESIGNED BY DW
 DRAWN BY DW
 CHECKED BY TM/KM

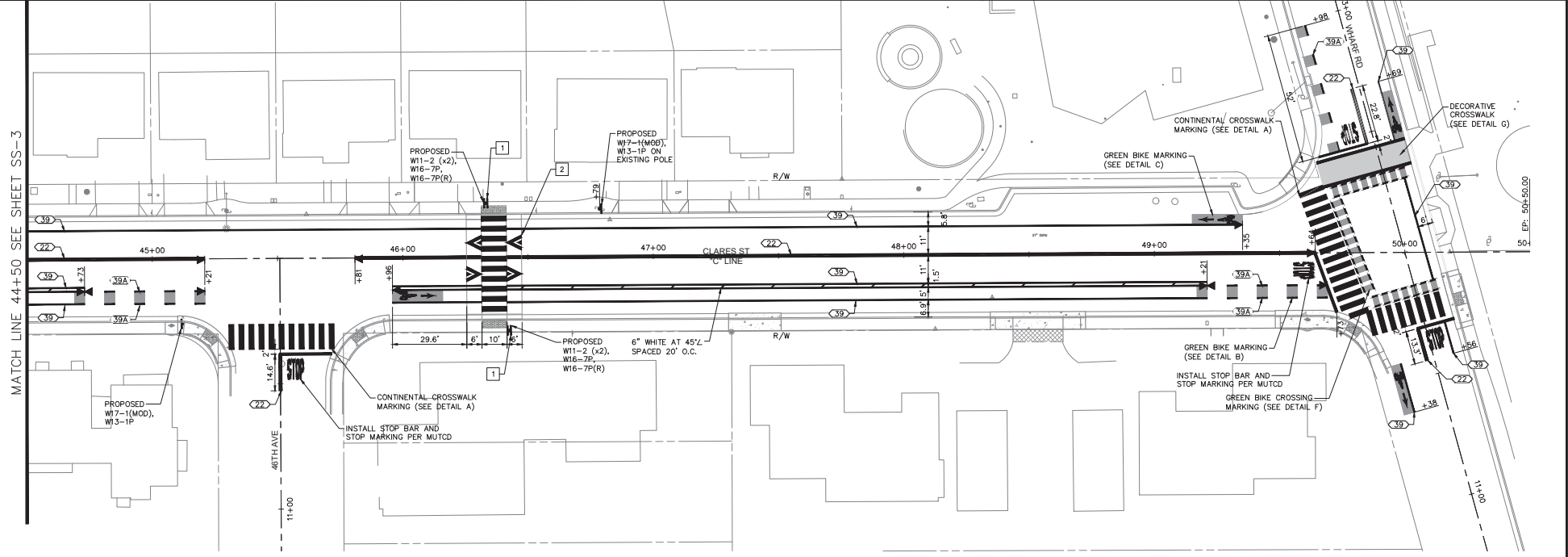
CLARES STREET TRAFFIC CALMING IMPROVEMENTS
 PREPARED FOR
CITY OF CAPITOLA
 SANTA CRUZ COUNTY



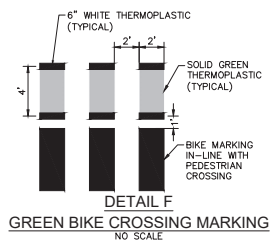
SIGNING AND STRIPING PLAN

SHEET NO. 13
 OF 14 SHEETS
SS-3

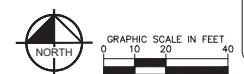
This document, together with the concepts and designs presented herein, is an instrument of service, to be used only for the specific purpose and client for which it was prepared. None of our engineers and/or staff shall be held liable to design, plan and/or construct, in whole or in part, any project or portion thereof, unless specifically stated otherwise on the drawings. Kimley-Horn and Associates, Inc. shall not be held liable to design, plan and/or construct, in whole or in part, any project or portion thereof, unless specifically stated otherwise on the drawings.



MATCH LINE 44+50 SEE SHEET SS-3



SAMPLE DECORATIVE DESIGN SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. CUSTOM PAVEMENT MARKING TO BE INSTALLED PER VENDOR DETAILS AND SPECIFICATIONS.



No.	REVISIONS	DATE	BY

Kimley-Horn
© 2022 KIMLEY-HORN AND ASSOCIATES, INC.
10 S ALMADEN BOULEVARD, SUITE 1250, SAN JOSE, CA 95131
PHONE: 669-800-4130
WWW.KIMLEY-HORN.COM

KHA PROJECT
097763133
DATE
4/12/2022
SCALE AS SHOWN
DESIGNED BY DW
DRAWN BY DW
CHECKED BY TM/KM

CLARES STREET TRAFFIC CALMING IMPROVEMENTS
PREPARED FOR
CITY OF CAPITOLA
SANTA CRUZ COUNTY



SIGNING AND STRIPING PLAN

SHEET NO. 14
OF 14 SHEETS
SS-4

CA DATE SIGNED: Apr 12, 2022