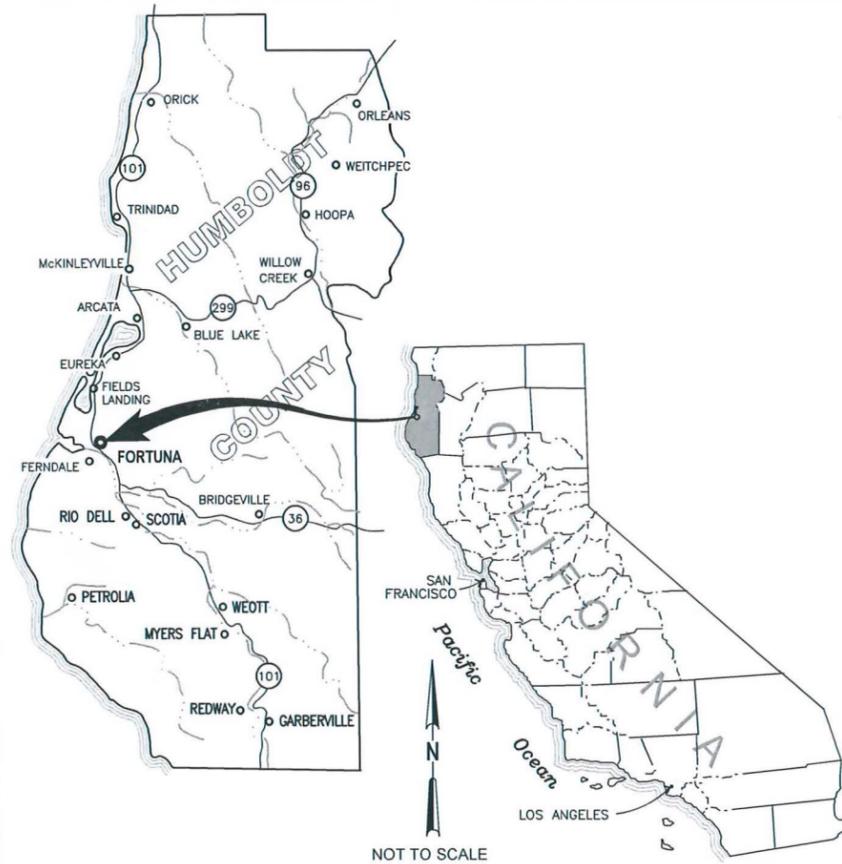


CITY OF FORTUNA 2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT ATPL-5145(014)

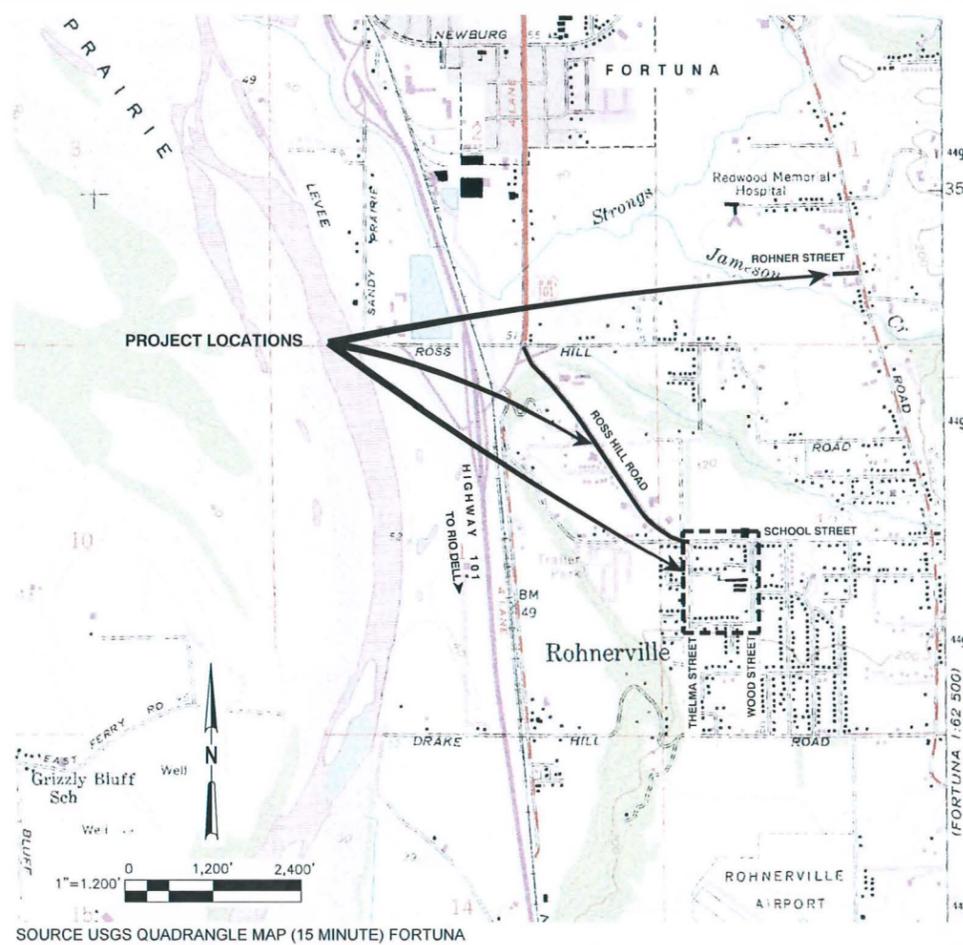
OCTOBER 2016



AREA MAP



LOCATION MAP



APPROVALS

CITY ENGINEER / DIRECTOR OF PUBLIC WORKS:

MERRITT PERRY, RCE 69126

Merritt Perry
SIGNED 10-25-16
DATE

DEPUTY DIRECTOR OF PUBLIC WORKS:

KEVIN CARTER

Kevin Carter
SIGNED 10-25-16
DATE

GENERAL SERVICES SUPERINTENDENT:

MIKE JOHNSON

Mike Johnson
SIGNED 10/25/16
DATE

FORTUNA VOLUNTEER FIRE DEPARTMENT:

LON WINBURN, FIRE CHIEF

Lon Winburn
SIGNED 10-26-16
DATE

No	Revision	Drawn	Job Manager	Project Director	Date

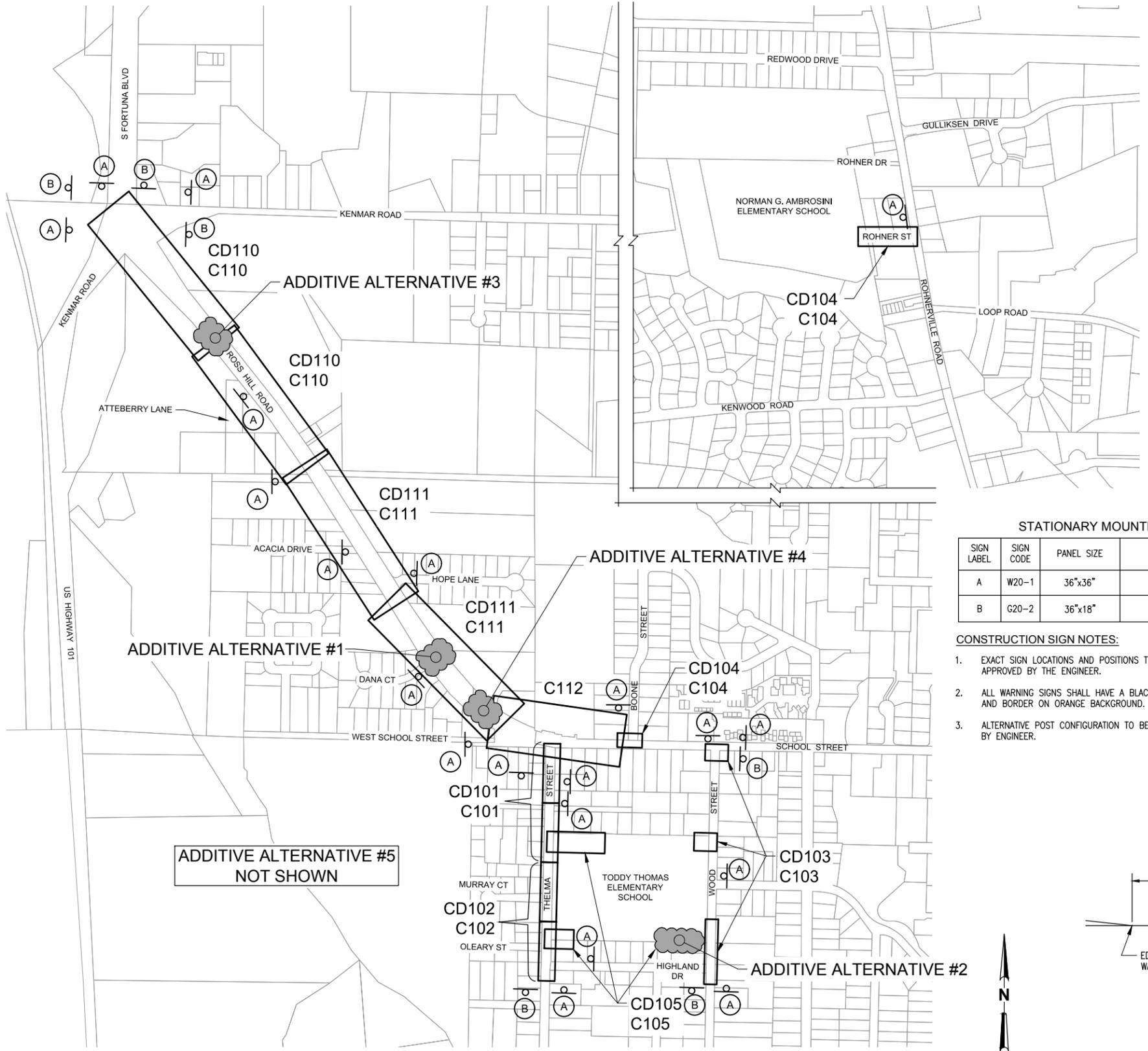
Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"



Drawn	LH / OFG	Designer	LH / OFG
Drafting	DC	Design	JW
Check		Check	
Approved	JW		
Date	10/13/2016		
Scale	AS SHOWN		

Project	CITY OF FORTUNA 2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT		
Title	COVER SHEET		
Project No.	11109088		
Original Size	Ansi D		
Drawing No.	G001		
Sheet	1 of 23		Rev: 0



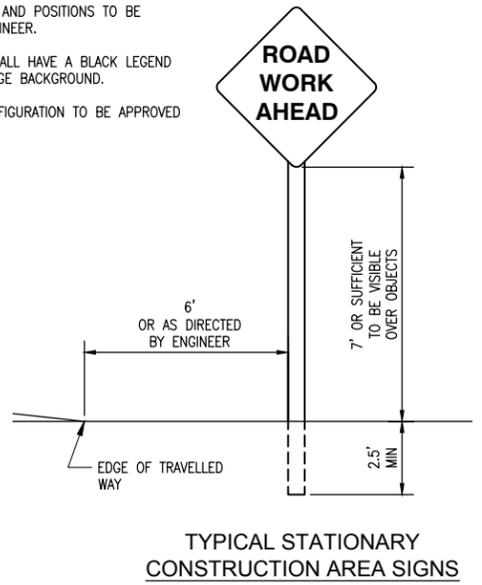
SHEET INDEX

GENERAL		
1	G001	COVER SHEET
2	G002	SHEET KEY & INDEX
3	G003	CONSTRUCTION NOTES
DEMOLITION PLANS		
4	CD101	DEMO & SITE PREP PLAN - THELMA ST STA 100+00 TO 105+95 - 1 OF 2
5	CD102	DEMO & SITE PREP PLAN - THELMA ST STA 105+95 TO 111+30 - 2 OF 2
6	CD103	DEMO & SITE PREP PLAN - WOOD ST
7	CD104	DEMO & SITE PREP PLAN - BOONE ST & ROHNER ST
8	CD105	DEMO & SITE PREP PLAN - TODDY THOMAS ELEMENTARY SCHOOL
9	CD110	DEMO & SITE PREP PLAN - ROSS HILL ROAD STA 100+00 TO 108+00 - 1 OF 2
10	CD111	DEMO & SITE PREP PLAN - ROSS HILL ROAD STA 115+30 TO 131+50 - 2 OF 2
CIVIL IMPROVEMENTS		
11	C101	IMPROVEMENT PLAN - THELMA ST STA 100+00 TO 105+95 - 1 OF 2
12	C102	IMPROVEMENT PLAN - THELMA ST STA 105+95 TO 111+30 - 2 OF 2
13	C103	IMPROVEMENT PLAN - WOOD ST
14	C104	IMPROVEMENT PLAN - BOONE ST & ROHNER ST
15	C105	IMPROVEMENT PLAN - TODDY THOMAS ELEMENTARY SCHOOL
16	C110	IMPROVEMENT PLAN - ROSS HILL ROAD STA 100+00 TO 115+30 - 1 OF 3
17	C111	IMPROVEMENT PLAN - ROSS HILL ROAD STA 115+30 TO 131+50 - 2 OF 3
18	C112	IMPROVEMENT PLAN - ROSS HILL ROAD STA 131+50 TO 137+55 - 3 OF 3
CIVIL DETAILS		
19	C501	CONSTRUCTION DETAILS - 1 OF 5
20	C502	CONSTRUCTION DETAILS - 2 OF 5
21	C503	CONSTRUCTION DETAILS - 3 OF 5
22	C504	CONSTRUCTION DETAILS - 4 OF 5
23	C505	CONSTRUCTION DETAILS - 5 OF 5

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LABEL	SIGN CODE	PANEL SIZE	SIGN MESSAGE	NUMBER & POST SIZE	NO. OF SIGNS
A	W20-1	36"x36"	ROAD WORK AHEAD	(1) 4"x4"	20
B	G20-2	36"x18"	END ROAD WORK	(1) 4"x4"	6

- CONSTRUCTION SIGN NOTES:**
- EXACT SIGN LOCATIONS AND POSITIONS TO BE APPROVED BY THE ENGINEER.
 - ALL WARNING SIGNS SHALL HAVE A BLACK LEGEND AND BORDER ON ORANGE BACKGROUND.
 - ALTERNATIVE POST CONFIGURATION TO BE APPROVED BY ENGINEER.



ACCESSIBLE PATH OF TRAVEL NOTES

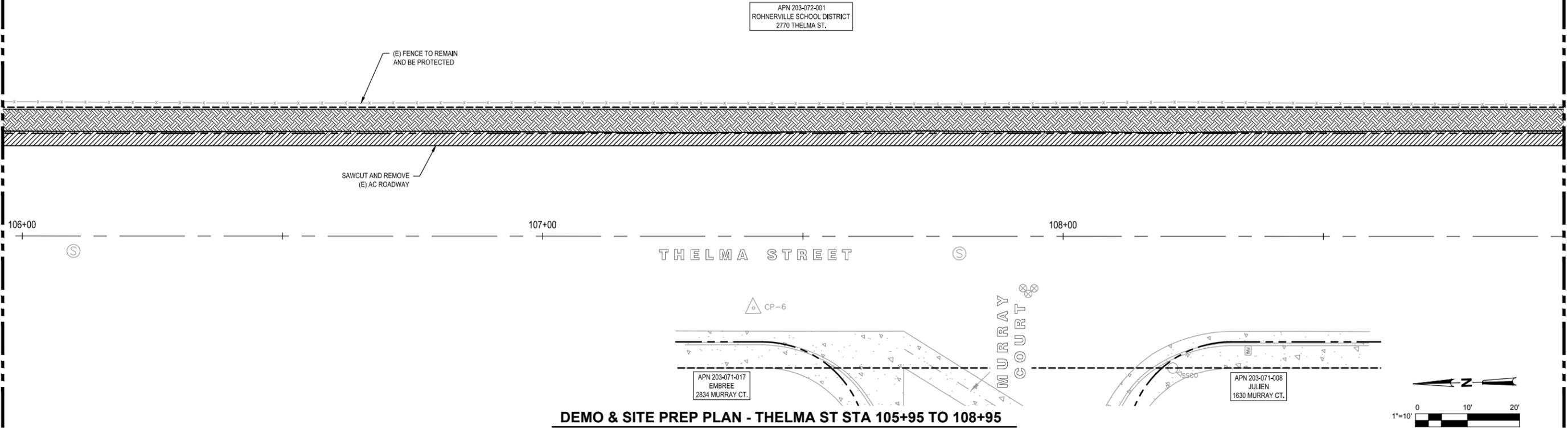
- ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
- DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

<p>Reuse of Documents</p> <p>This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015</p>			<p>GHD Inc. 718 Third Street Eureka California 95501 USA T 1 707 443 8326 F 1 707 444 8330 W www.ghd.com</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Drawn</td> <td>LH</td> <td>Designer</td> <td>LH</td> </tr> <tr> <td>Drafting Check</td> <td>DC</td> <td>Design Check</td> <td>JW</td> </tr> <tr> <td>Approved</td> <td colspan="3">JW</td> </tr> <tr> <td>Date</td> <td colspan="3">10/13/2016</td> </tr> <tr> <td>Scale</td> <td colspan="3">AS SHOWN</td> </tr> </table>	Drawn	LH	Designer	LH	Drafting Check	DC	Design Check	JW	Approved	JW			Date	10/13/2016			Scale	AS SHOWN			<p>Project CITY OF FORTUNA 2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT</p> <p>Title SHEET KEY & INDEX</p> <p>Project No. 11109088</p> <p>Original Size Ansi D Drawing No: G002</p> <p style="text-align: right;">Sheet 2 of 23 Rev: 0</p>
Drawn	LH	Designer	LH																						
Drafting Check	DC	Design Check	JW																						
Approved	JW																								
Date	10/13/2016																								
Scale	AS SHOWN																								
<p>THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.</p>																									

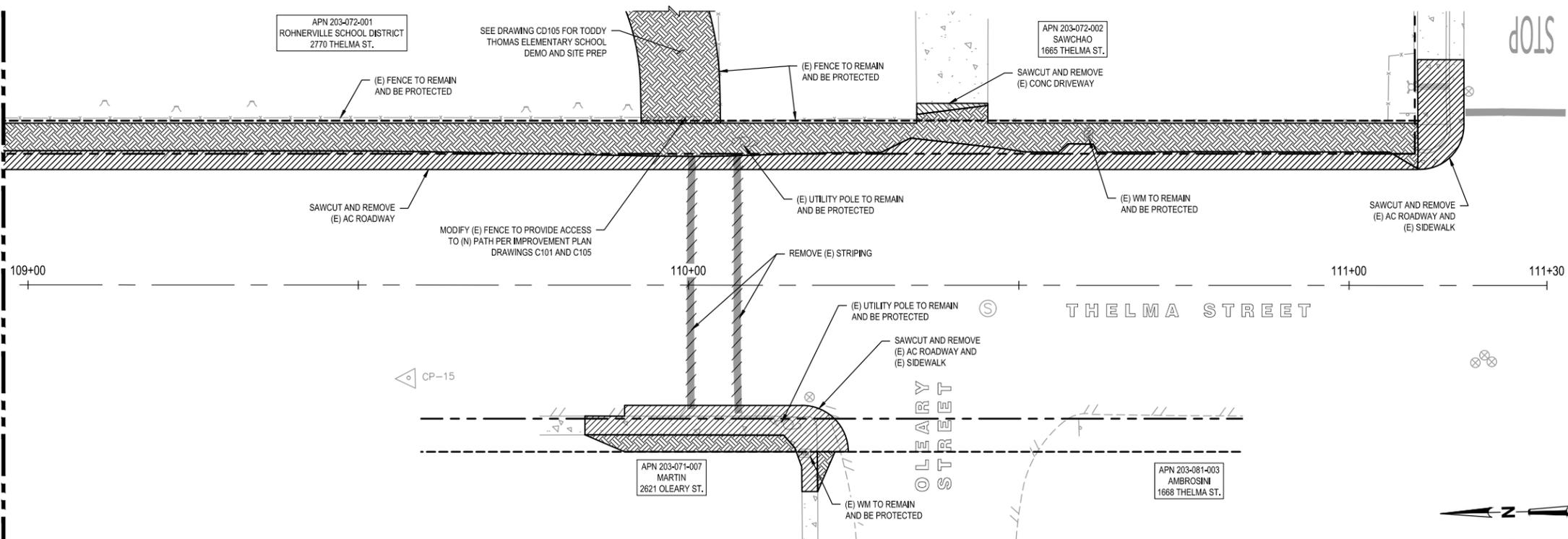
MATCHLINE STA 105+95 SEE DRAWING CD101

MATCHLINE STA 108+95 SEE PANEL BELOW LEFT



DEMO & SITE PREP PLAN - THELMA ST STA 105+95 TO 108+95

MATCHLINE STA 180+95 SEE PANEL ABOVE RIGHT



DEMO & SITE PREP PLAN - THELMA ST STA 108+95 TO 111+30

GENERAL SHEET NOTES

1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
3. SEE SHEETS C101 - C105 FOR ADDITIONAL INFORMATION AND DIMENSIONS FOR LIMITS OF DEMILITION.

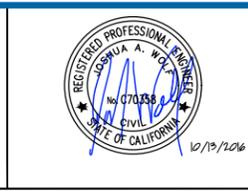
LEGEND

- APPROXIMATE LIMITS OF CLEARING AND GRUBBING.
- DEMOLISH & REMOVE (E) CONCRETE OR ASPHALT CONCRETE SURFACING.
- RIGHT OF WAY
- EASEMENT

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
 This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

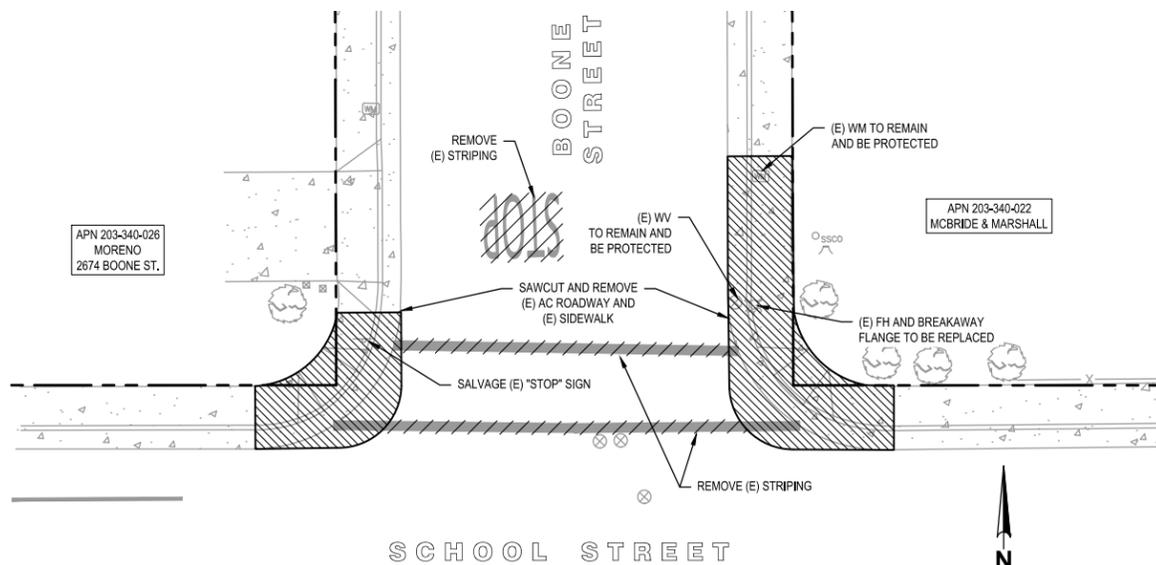
THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.



GHD Inc.
 718 Third Street Eureka California 95501 USA
 T 1 707 443 8326 F 1 707 444 8330
 W www.ghd.com

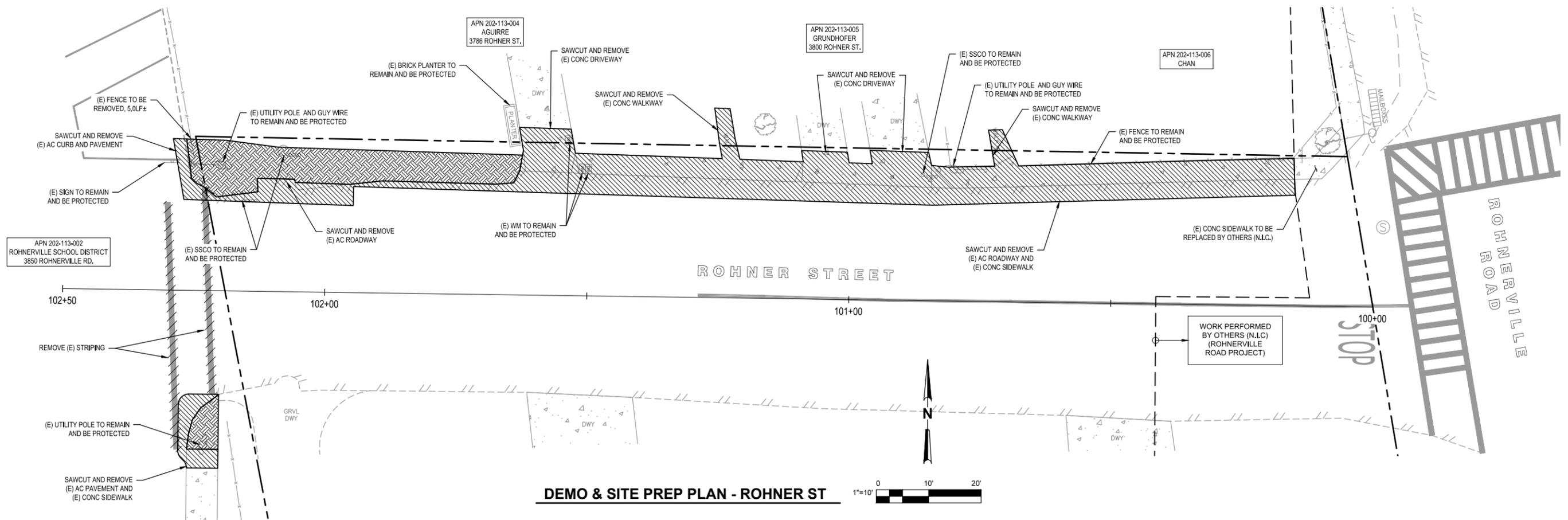
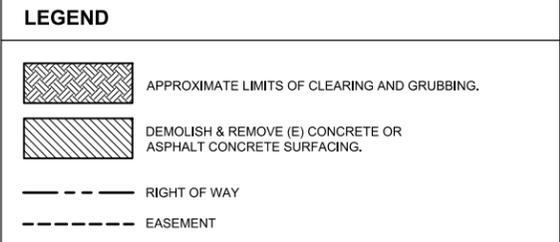
Drawn	LH	Designer	LH
Drafting Check	DC	Design Check	JW
Approved	JW		
Date	10/13/2016		
Scale	AS SHOWN		

Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
 Title **DEMO & SITE PREP PLAN - THELMA ST STA 105+95 TO 111+30 - 2 OF 2**
 Project No. 11109088
 Original Size
 Ansi D Drawing No: **CD102**
 Sheet 5 of 23
 Rev: 0



**DEMO & SITE PREP PLAN
BOONE ST / SCHOOL ST INTERSECTION**

- GENERAL SHEET NOTES**
1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
 2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
 3. SEE SHEETS C101 - C105 FOR ADDITIONAL INFORMATION AND DIMENSIONS FOR LIMITS OF DEMILITION.

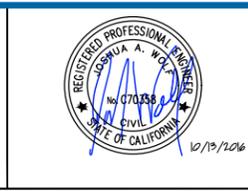


DEMO & SITE PREP PLAN - ROHNER ST

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"



GHD
GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn LH	Designer LH
Drafting DC	Design Check JW
Approved JW	
Date 10/13/2016	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

Project **CITY OF FORTUNA
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT**

Title **DEMO & SITE PREP PLAN -
BOONE ST & ROHNER ST**

Project No. 11109088

Original Size **Ansi D Drawing No: CD104**

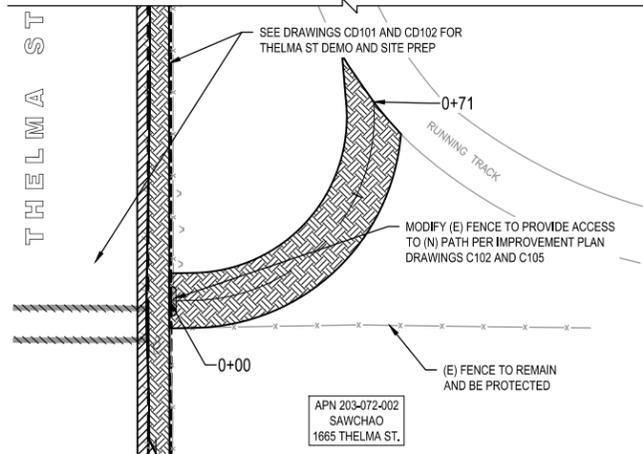
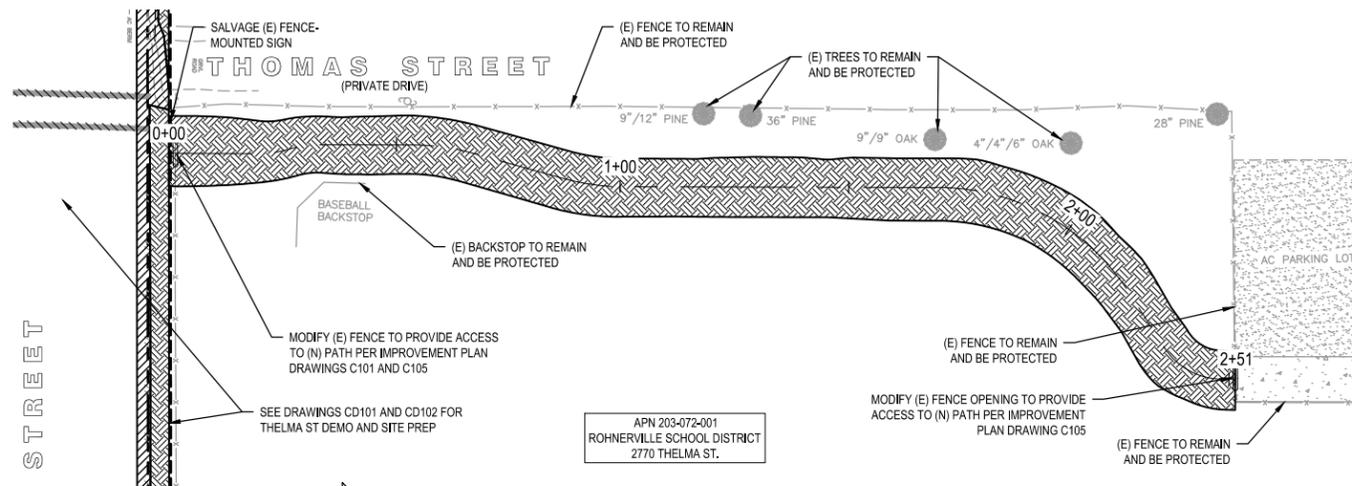
Sheet 7 of 23
Rev: 0

GENERAL SHEET NOTES

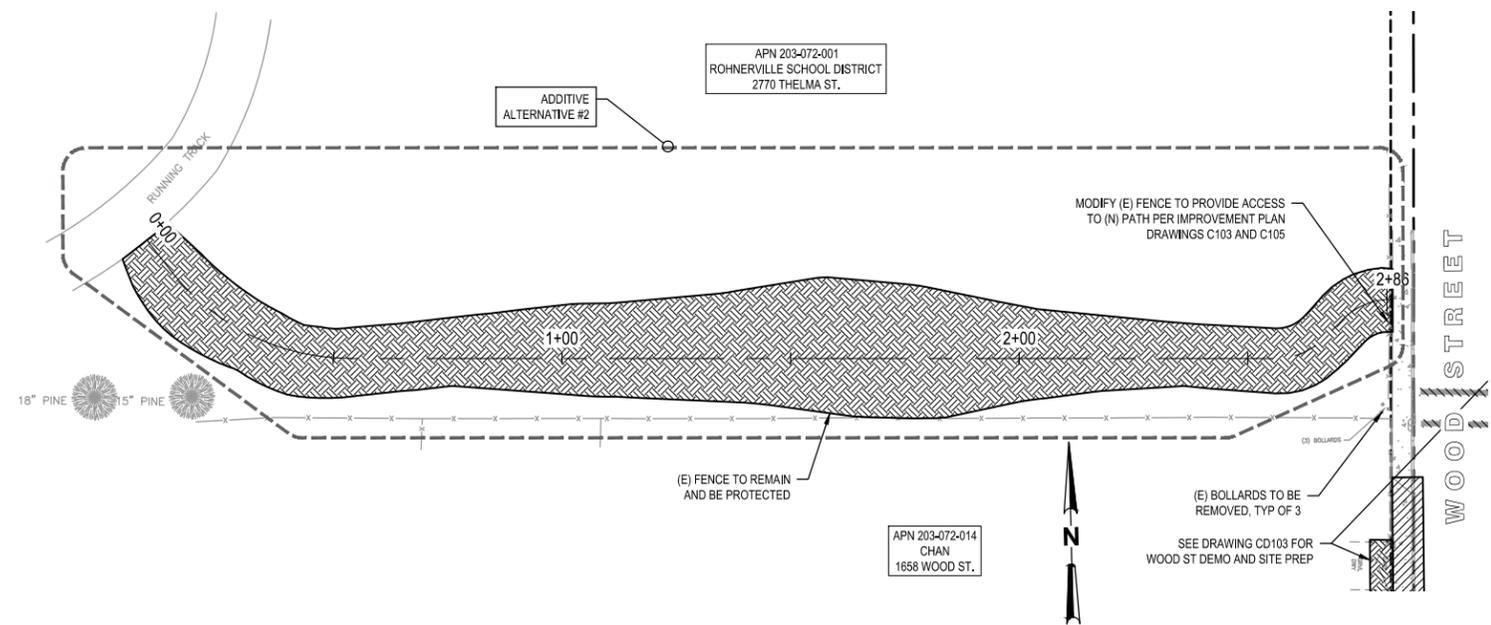
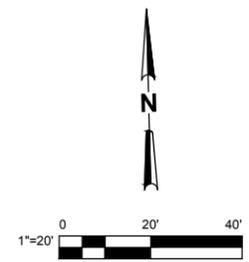
1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
3. SEE SHEETS C101 - C105 FOR ADDITIONAL INFORMATION AND DIMENSIONS FOR LIMITS OF DEMOLITION.

LEGEND

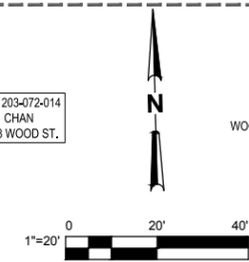
-  APPROXIMATE LIMITS OF CLEARING AND GRUBBING.
-  DEMOLISH & REMOVE (E) CONCRETE OR ASPHALT CONCRETE SURFACING.
-  RIGHT OF WAY
-  EASEMENT



TODDY THOMAS ELEM. SCHOOL PATH ACCESS PATHS FROM THELMA ST



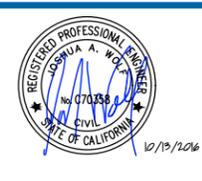
TODDY THOMAS ELEM. SCHOOL ACCESS PATH FROM WOOD ST



No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
 This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

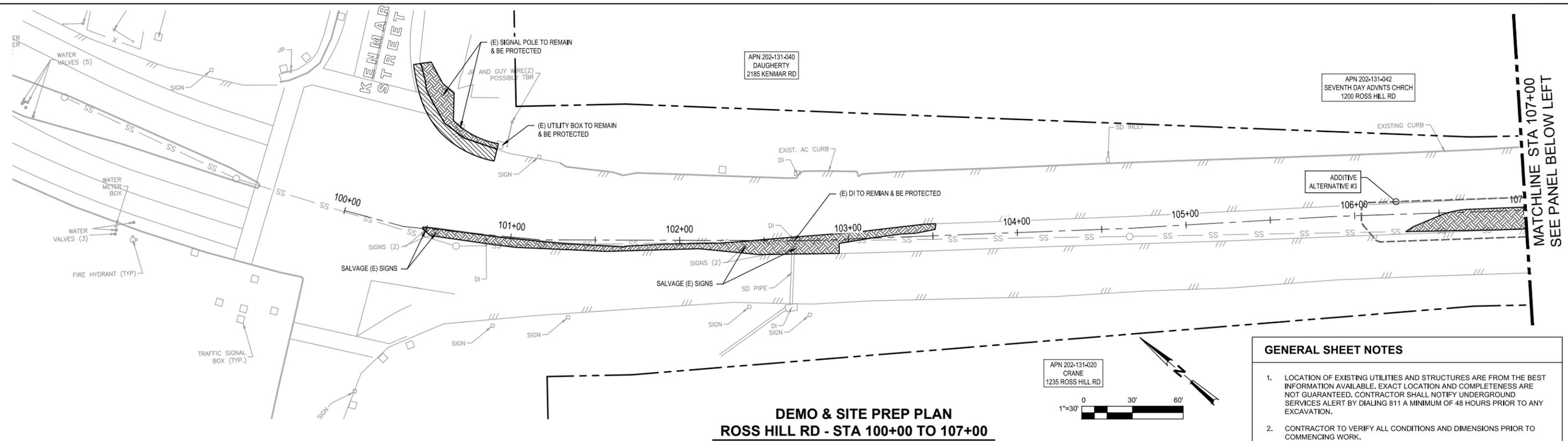
THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
 0 1"



GHD
 GHD Inc.
 718 Third Street Eureka California 95501 USA
 T 1 707 443 8326 F 1 707 444 8330
 W www.ghd.com

Drawn LH	Designer LH
Drafting Check DC	Design Check JW
Approved JW	Date 10/13/2016
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
 Title **DEMO & SITE PREP PLAN - TODDY THOMAS ELEMENTARY SCHOOL**
 Project No. 11109088
 Original Size **Ansi D** Drawing No: **CD105**
 Sheet 8 of 23
 Rev: 0

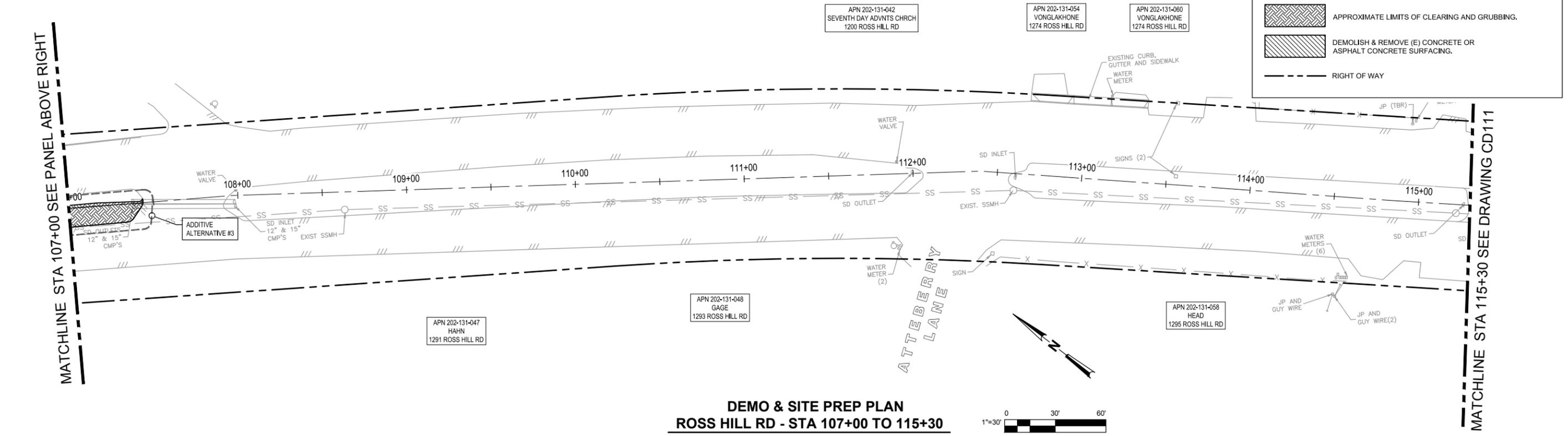


**DEMO & SITE PREP PLAN
ROSS HILL RD - STA 100+00 TO 107+00**

- GENERAL SHEET NOTES**
1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
 2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
 3. SEE SHEETS C110 - C112 FOR ADDITIONAL INFORMATION AND DIMENSIONS FOR LIMITS OF DEMILITION.

LEGEND

- APPROXIMATE LIMITS OF CLEARING AND GRUBBING.
- DEMOLISH & REMOVE (E) CONCRETE OR ASPHALT CONCRETE SURFACING.
- RIGHT OF WAY

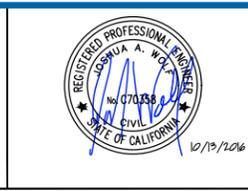


**DEMO & SITE PREP PLAN
ROSS HILL RD - STA 107+00 TO 115+30**

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

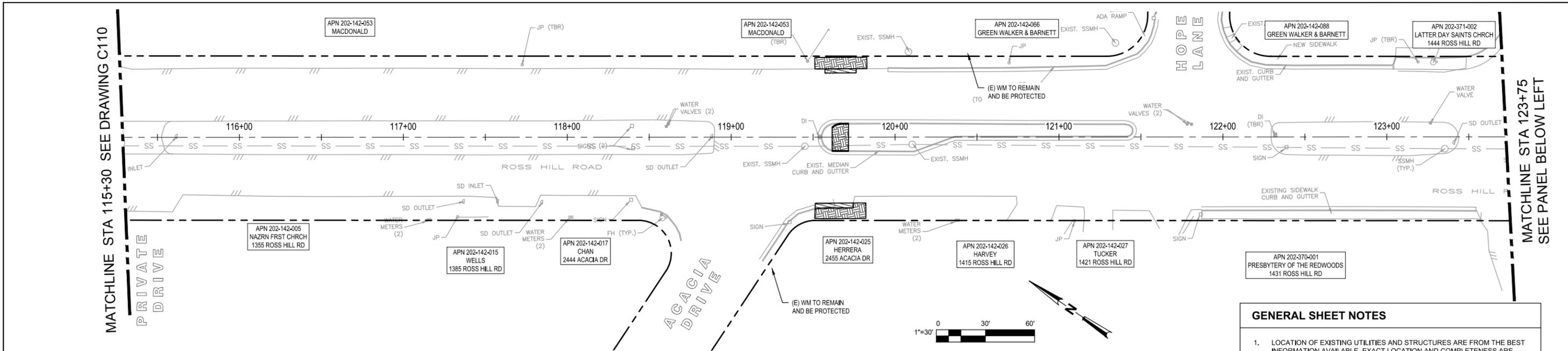
THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"



GHD
GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn	OFG	Designer	LH
Drafting Check	DC	Design Check	JW
Approved	JW		
Date	10/13/2016		
Scale	AS SHOWN		

Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
Title **DEMO & SITE PREP PLAN - ROSS HILL ROAD STA 100+00 TO 108+00 - 1 OF 2**
Project No. 11109088
Original Size
Ansi D Drawing No: **CD110**
Site 9 of 23
Rev: 0



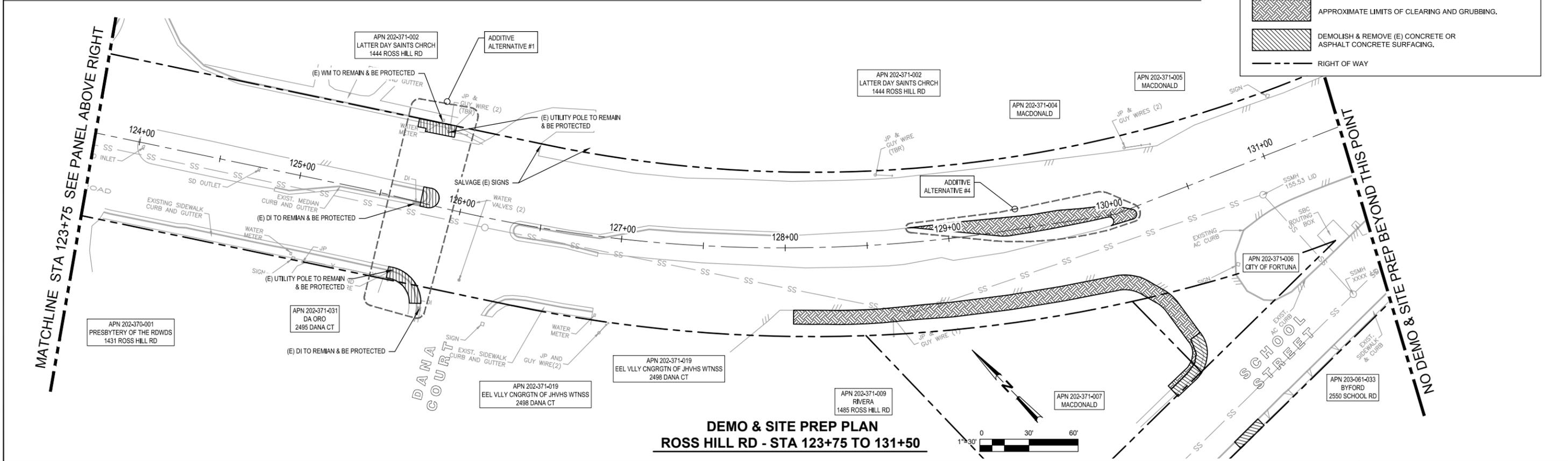
**DEMO & SITE PREP PLAN
ROSS HILL RD - STA 115+30 TO 123+75**

GENERAL SHEET NOTES

1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
3. SEE SHEETS C110 - C112 FOR ADDITIONAL INFORMATION AND DIMENSIONS FOR LIMITS OF DEMILITION.

LEGEND

- [Hatched Box] APPROXIMATE LIMITS OF CLEARING AND GRUBBING.
- [Cross-hatched Box] DEMOLISH & REMOVE (E) CONCRETE OR ASPHALT CONCRETE SURFACING.
- [Dashed Line] RIGHT OF WAY

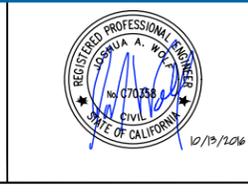
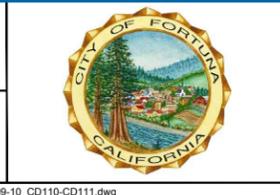


**DEMO & SITE PREP PLAN
ROSS HILL RD - STA 123+75 TO 131+50**

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

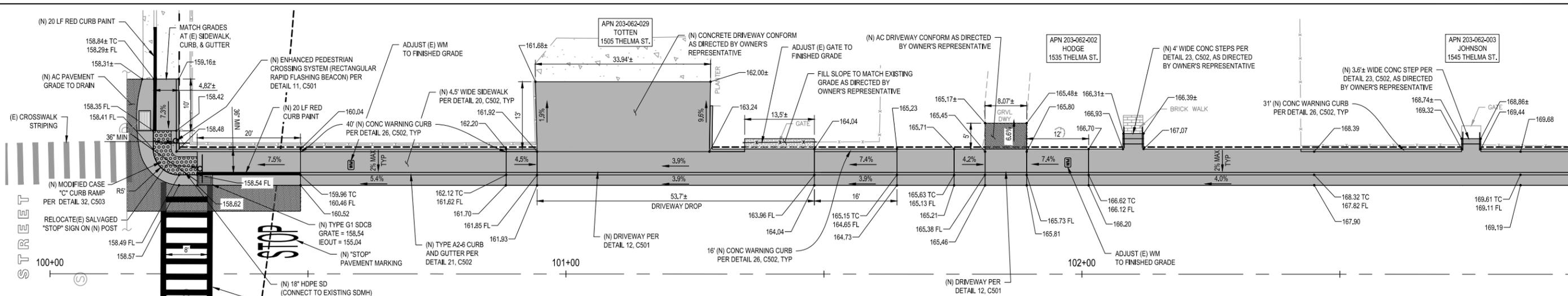
THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"



GHD
GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

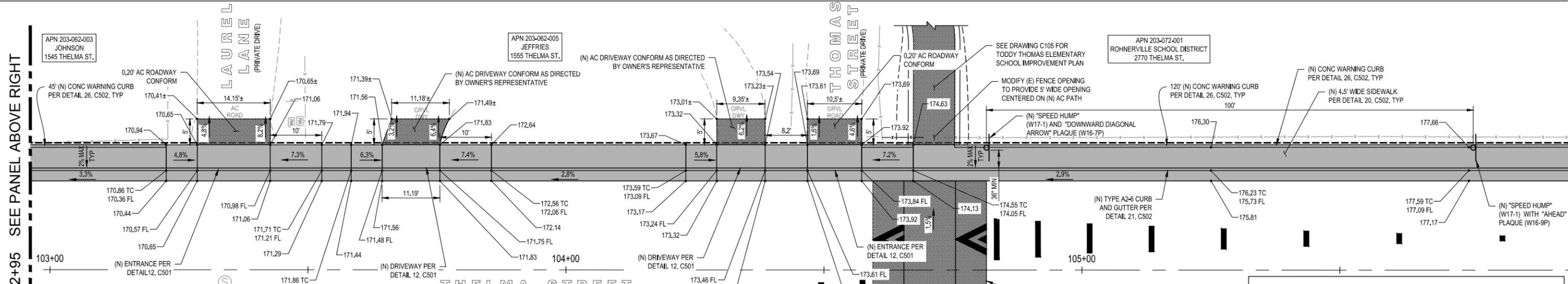
Drawn	OFG	Designer	LH
Drafting Check	DC	Design Check	JW
Approved	JW	Date	10/13/2016
Scale	AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	

Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
Title **DEMO & SITE PREP PLAN - ROSS HILL ROAD STA 115+30 TO 131+50 - 2 OF 2**
Project No. 11109088
Original Size
Ansi D Drawing No: **CD111**
Site 10 of 23
Rev: 0



IMPROVEMENT PLAN - THELMA ST STA 100+00 TO 102+95

- GENERAL SHEET NOTES**
1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
 2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
 3. WHERE NEW ELEVATIONS NOT SHOWN CONTRACTOR SHALL FIELD FIT IMPROVEMENTS AS REQUIRED TO MEET THE INDICATED GRADES.



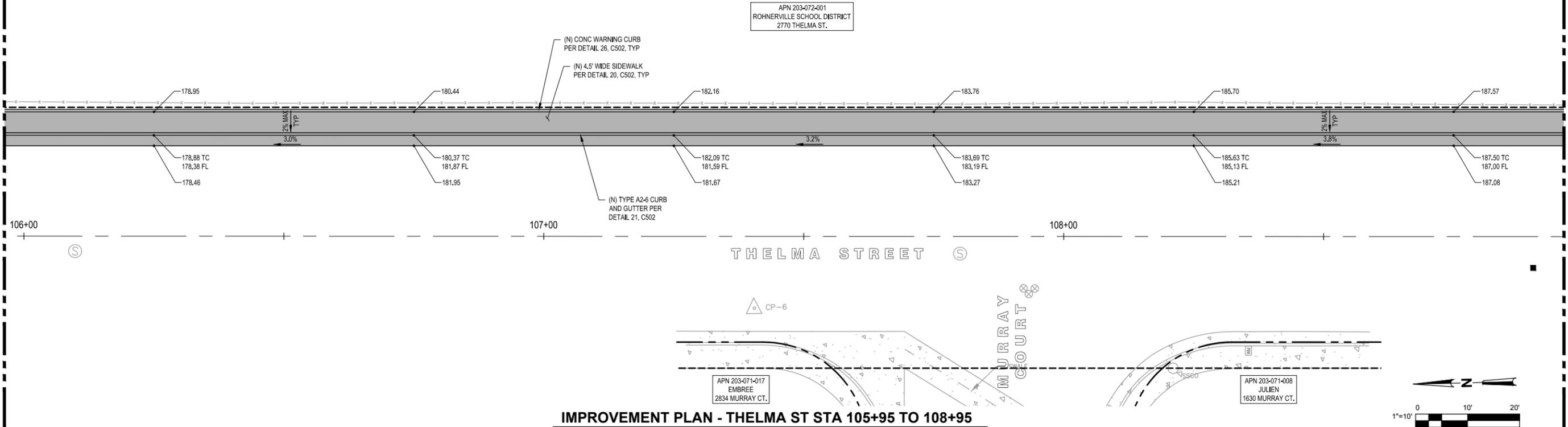
IMPROVEMENT PLAN - THELMA ST STA 102+95 TO 105+95

- LEGEND**
- (N) ASPHALT PAVEMENT
 - (N) CONCRETE
 - (N) DETECTABLE WARNING SURFACE
 - RIGHT OF WAY
 - EASEMENT

<p>Reuse of Documents This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015</p>								<p>GHD Inc. 718 Third Street Eureka California 95501 USA T 1 707 443 8326 F 1 707 444 8330 W www.ghd.com</p>		<p>Drawn LH Designer LH</p> <p>Drafting DC Design Check JW</p> <p>Approved JW</p> <p>Date 10/13/2016</p> <p>Scale AS SHOWN</p>		<p>Project CITY OF FORTUNA 2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT</p> <p>Title IMPROVEMENT PLAN - THELMA ST STA 100+00 TO 105+95 - 1 OF 2</p> <p>Project No. 11109088</p> <p>Original Size Ansi D Drawing No: C101</p>	
<p>THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.</p> <p>0 1"</p>						<p>10/13/2016</p>		<p>This Drawing shall not be used for Construction unless Signed and Sealed For Construction</p>		<p>Sheet 11 of 23 Rev: 0</p>			

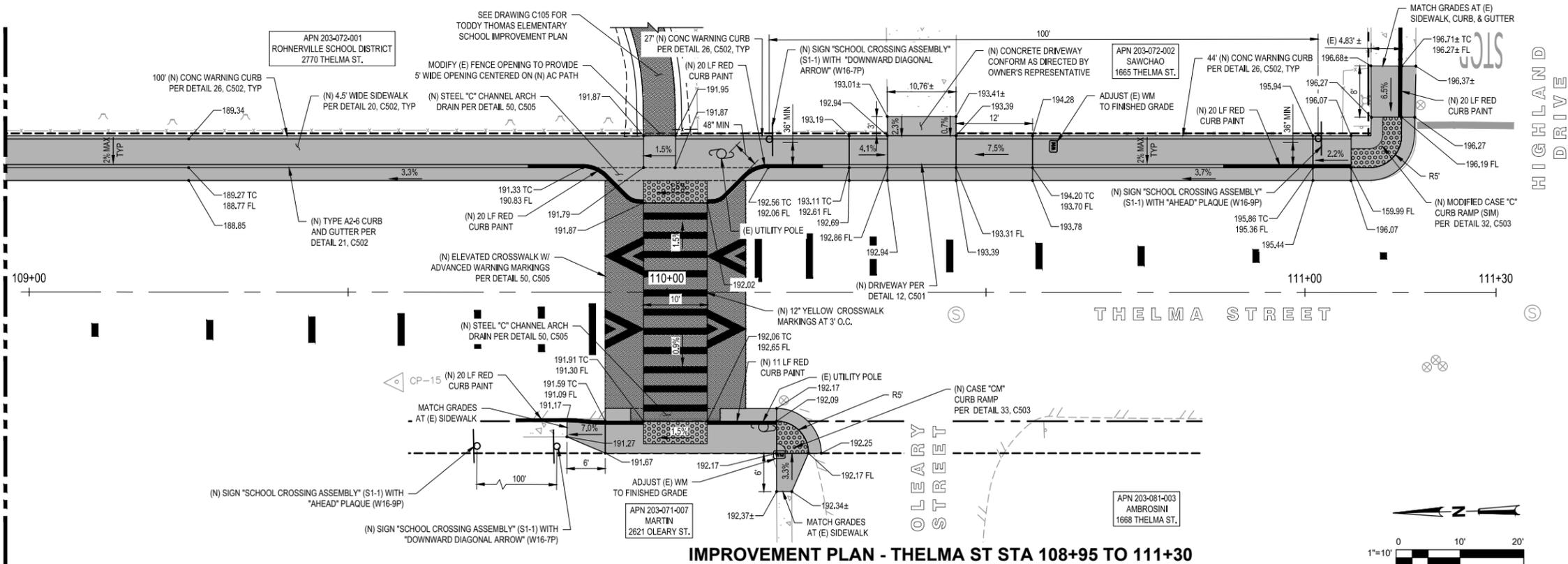
MATCHLINE STA 105+95 SEE DRAWING C101

MATCHLINE STA 108+95 SEE PANEL BELOW LEFT



IMPROVEMENT PLAN - THELMA ST STA 105+95 TO 108+95

MATCHLINE STA 180+95 SEE PANEL ABOVE RIGHT



IMPROVEMENT PLAN - THELMA ST STA 108+95 TO 111+30

GENERAL SHEET NOTES

1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
3. WHERE NEW ELEVATIONS NOT SHOWN CONTRACTOR SHALL FIELD FIT IMPROVEMENTS AS REQUIRED TO MEET THE INDICATED GRADES.

LEGEND

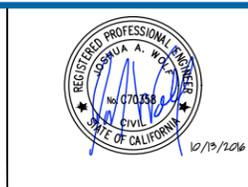
- (N) ASPHALT PAVEMENT
- (N) CONCRETE
- (N) DETECTABLE WARNING SURFACE
- RIGHT OF WAY
- EASEMENT

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.

0 1"



GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn	LH	Designer	LH
Drafting Check	DC	Design Check	JW
Approved	JW	Date	10/13/2016
Scale	AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	

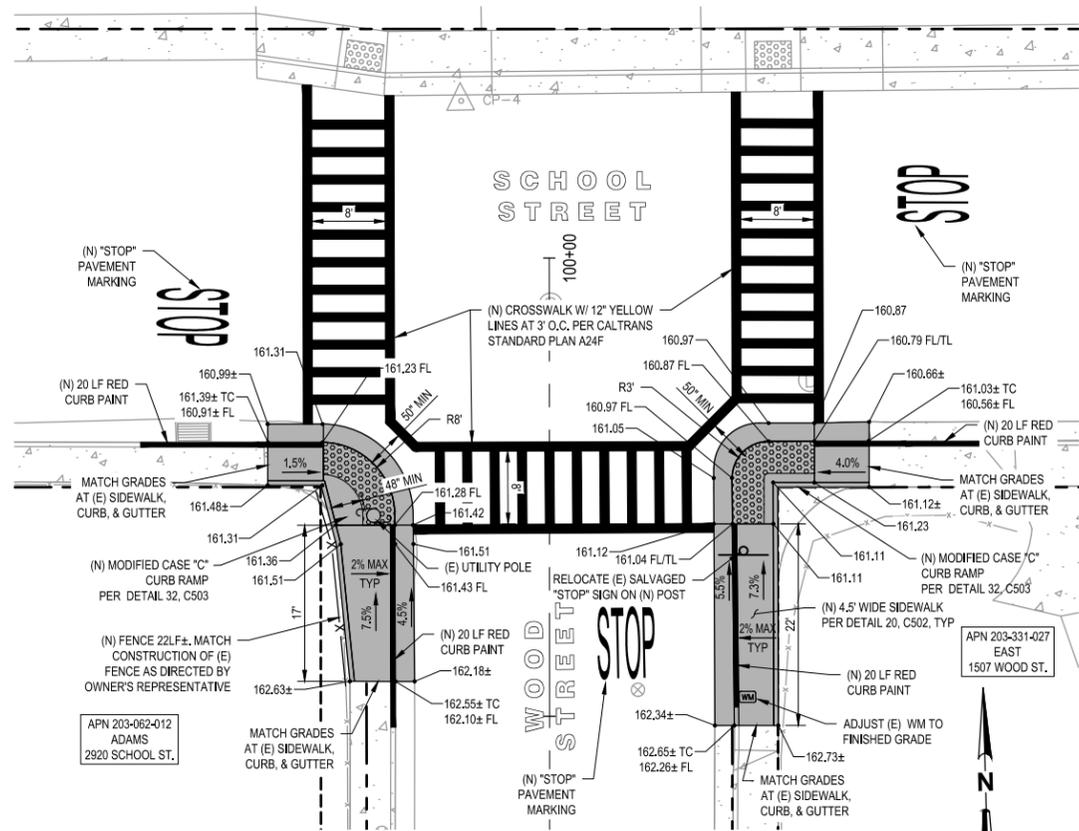
Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT

Title **IMPROVEMENT PLAN - THELMA ST STA 105+95 TO 111+30 - 2 OF 2**

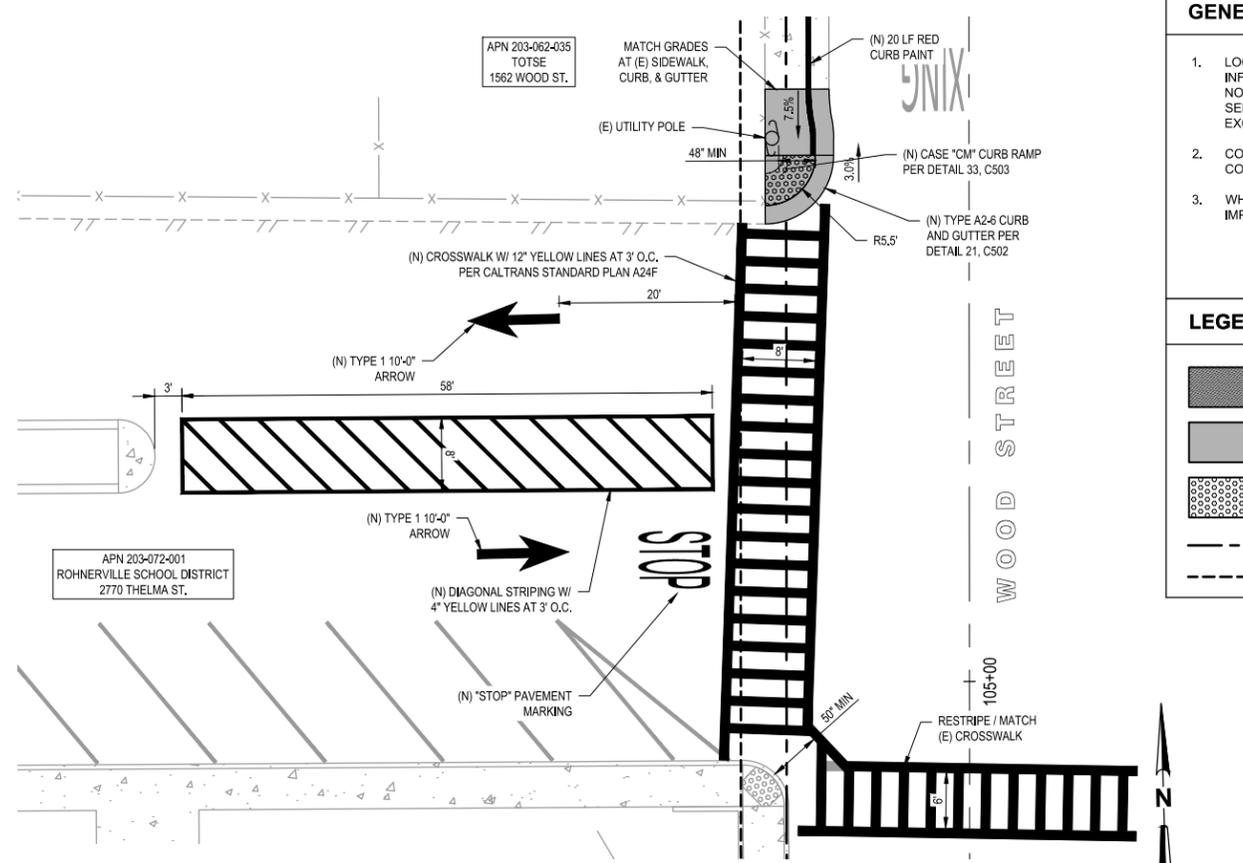
Project No. 11109088

Original Size **Ansi D** Drawing No: **C102**

Sheet 12 of 23
Rev: 0



**IMPROVEMENT PLAN
WOOD ST / SCHOOL ST INTERSECTION**



**IMPROVEMENT PLAN
WOOD ST / TODDY THOMAS ELEM. SCHOOL ENTRANCE**

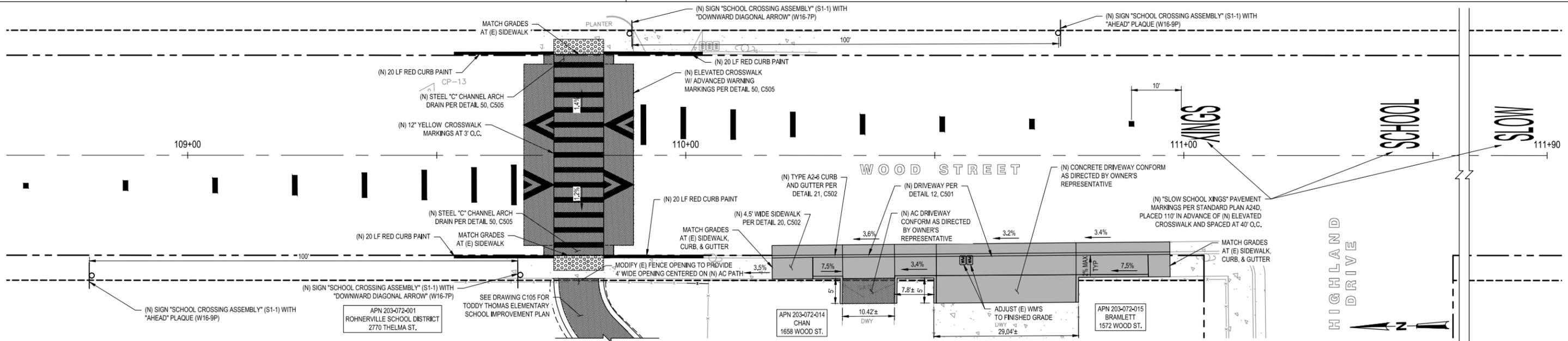


GENERAL SHEET NOTES

1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
3. WHERE NEW ELEVATIONS NOT SHOWN CONTRACTOR SHALL FIELD FIT IMPROVEMENTS AS REQUIRED TO MEET THE INDICATED GRADES.

LEGEND

- (N) ASPHALT PAVEMENT
- (N) CONCRETE
- (N) DETECTABLE WARNING SURFACE
- RIGHT OF WAY
- EASEMENT



IMPROVEMENT PLAN - WOOD ST SOUTH



No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.

0 1"



GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn LH	Designer LH
Drafting DC	Design Check JW
Approved JW	
Date 10/13/2016	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

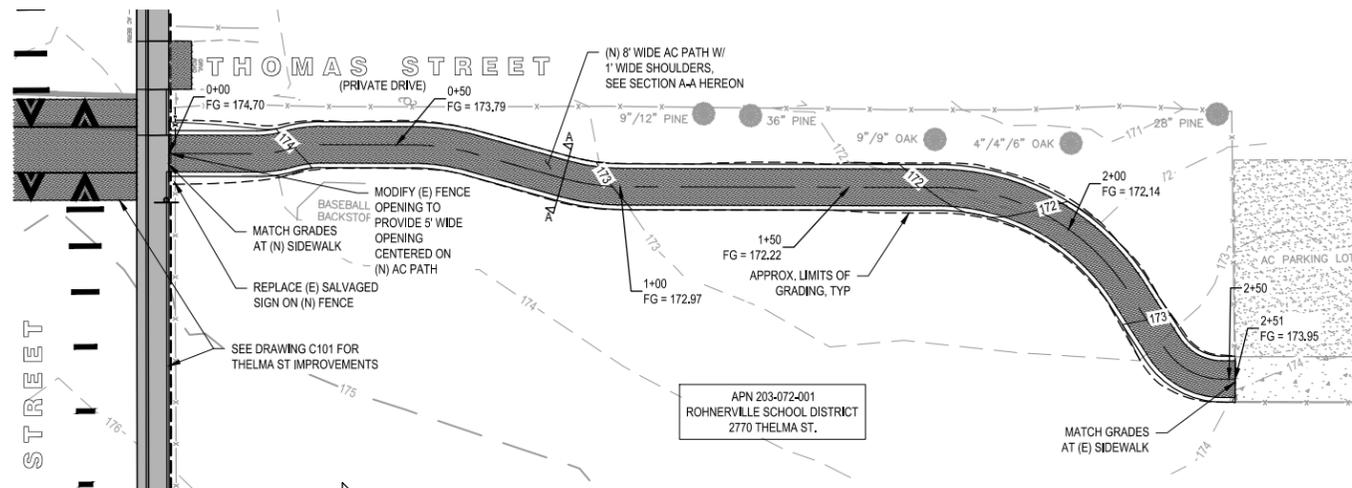
Project	CITY OF FORTUNA 2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
Title	IMPROVEMENT PLAN - WOOD ST
Project No.	11109088
Original Size	
ANSI D	Drawing No: C103
Sheet	13 of 23
Revision	0

GENERAL SHEET NOTES

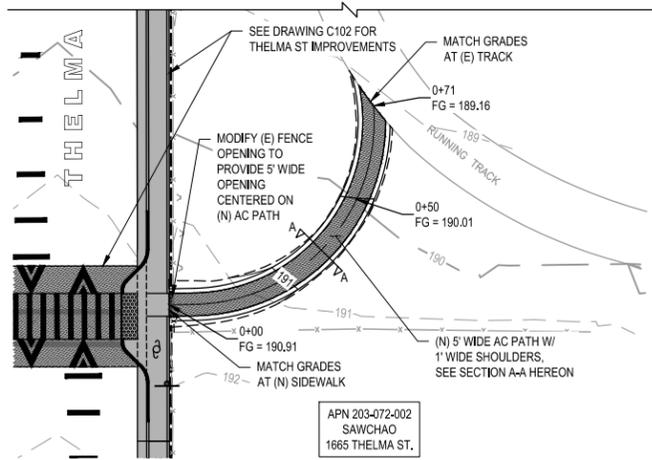
1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.
2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
3. WHERE NEW ELEVATIONS NOT SHOWN CONTRACTOR SHALL FIELD FIT IMPROVEMENTS AS REQUIRED TO MEET THE INDICATED GRADES.

LEGEND

-  (N) ASPHALT PAVEMENT
-  (N) CONCRETE
-  RIGHT OF WAY
-  EASEMENT

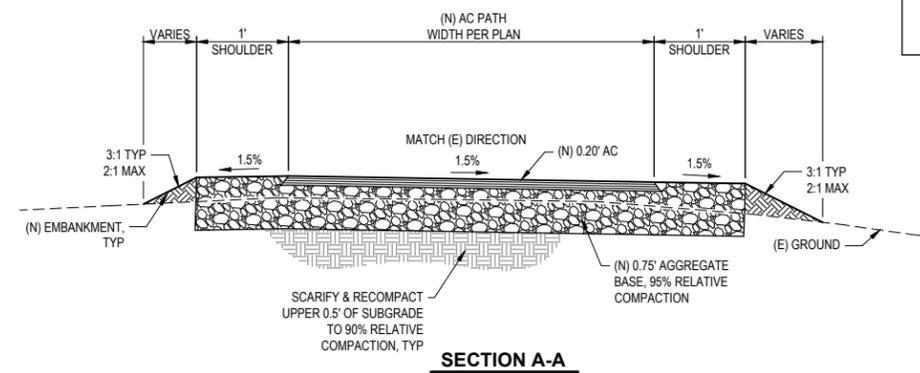
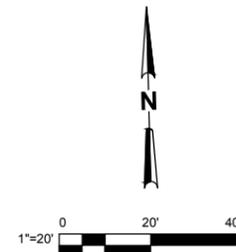


APN 203-072-001
ROHNERVILLE SCHOOL DISTRICT
2770 THELMA ST.

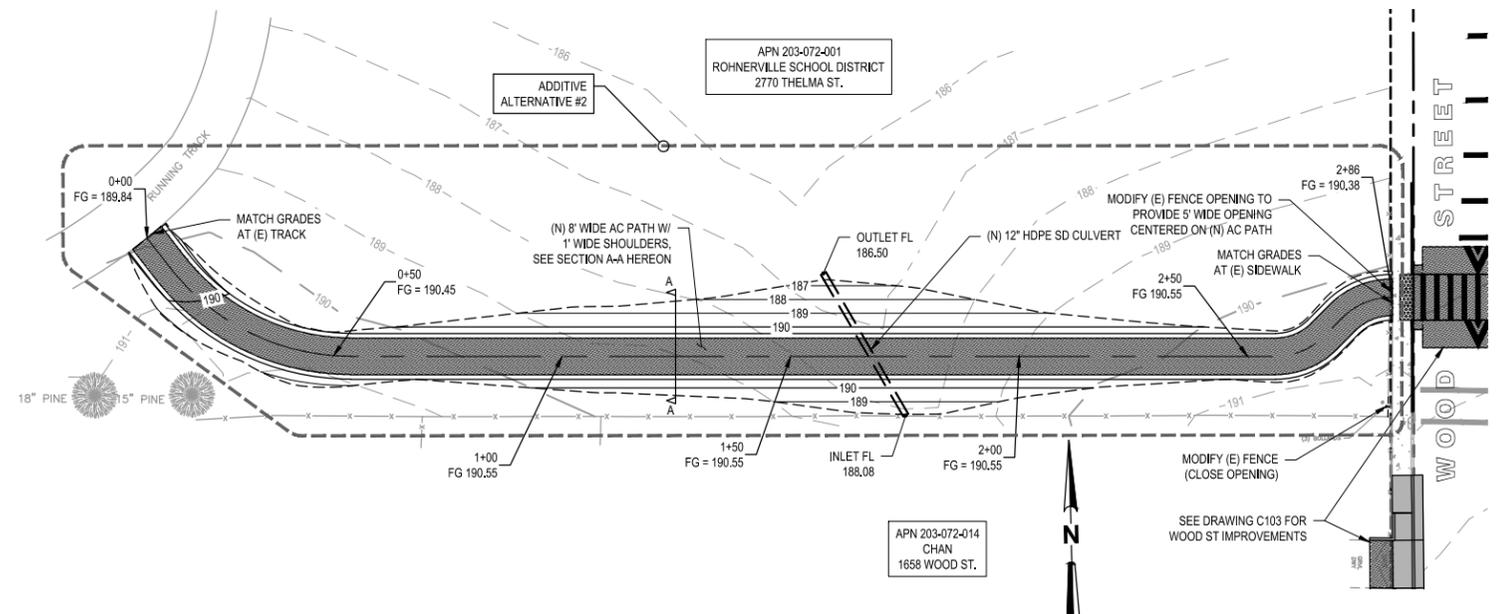


APN 203-072-002
SAWCHAO
1665 THELMA ST.

**TODDY THOMAS ELEM. SCHOOL PATH
ACCESS PATHS FROM THELMA ST**



SECTION A-A



APN 203-072-014
CHAN
1658 WOOD ST.

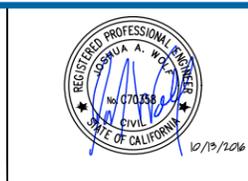
**TODDY THOMAS ELEM. SCHOOL
ACCESS PATH FROM WOOD ST**



No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.


GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn	LH	Designer	LH
Drafting Check	DC	Design Check	JW
Approved	JW		
Date	10/13/2016		
Scale	AS SHOWN		

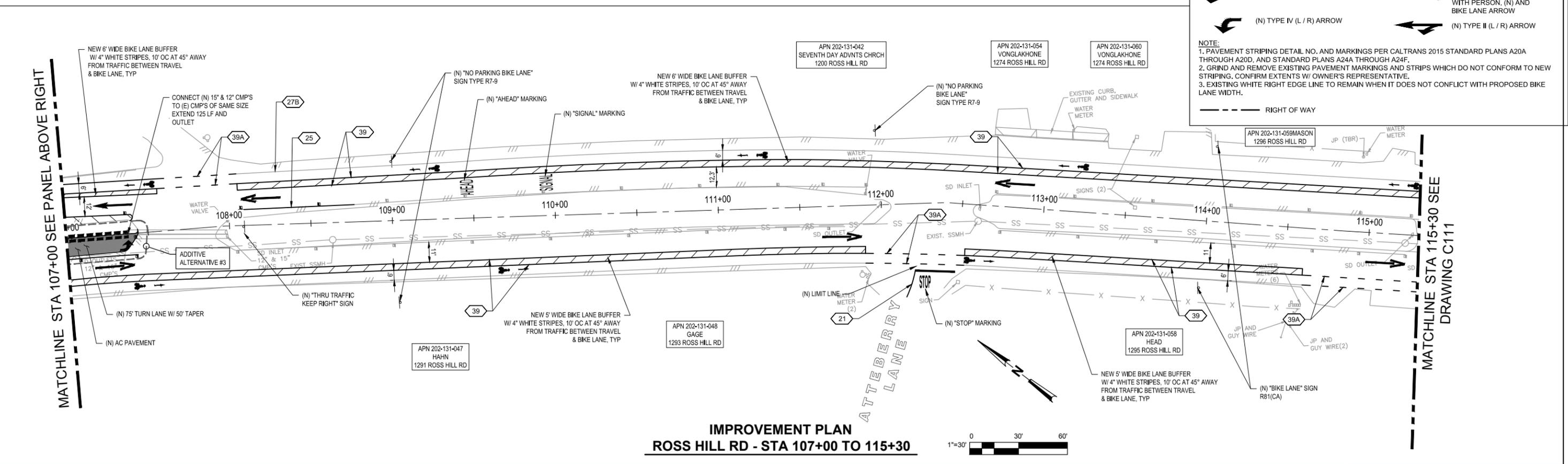
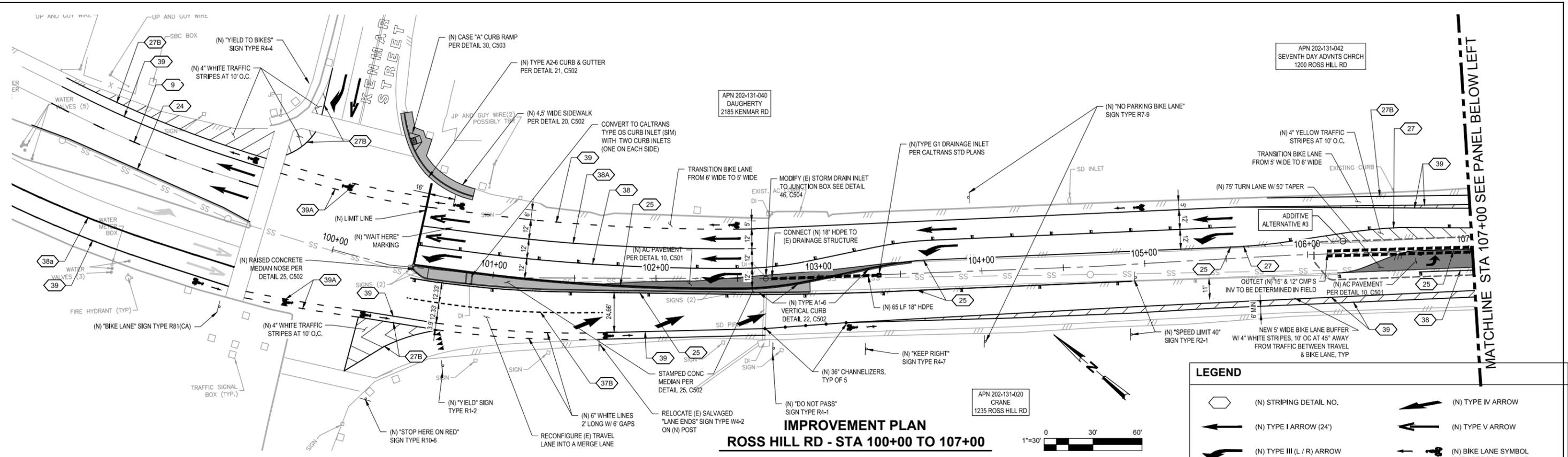
Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT

Title **IMPROVEMENT PLAN - TODDY THOMAS ELEMENTARY SCHOOL**

Project No. 11109088

Original Size **Ansi D** Drawing No: **C105**

Sheet 15 of 23
Rev: 0



LEGEND

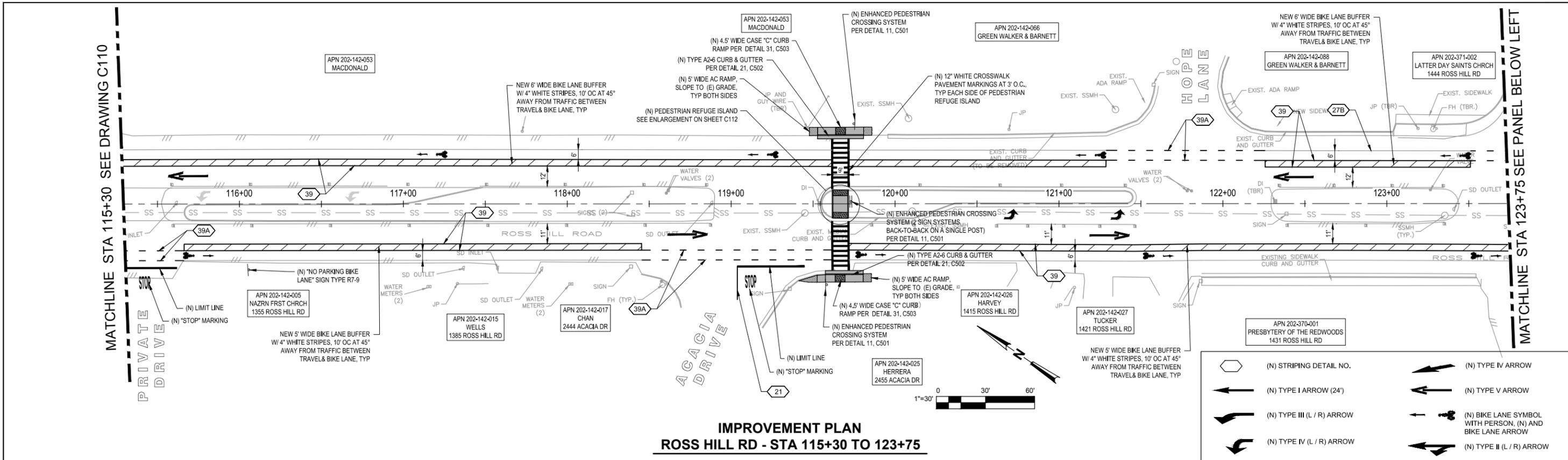
- (N) STRIPING DETAIL NO.
- (N) TYPE I ARROW (24')
- (N) TYPE III (L/R) ARROW
- (N) TYPE IV (L/R) ARROW
- (N) TYPE IV ARROW
- (N) TYPE V ARROW
- (N) BIKE LANE SYMBOL WITH PERSON, (N) AND BIKE LANE ARROW
- (N) TYPE II (L/R) ARROW

NOTE:

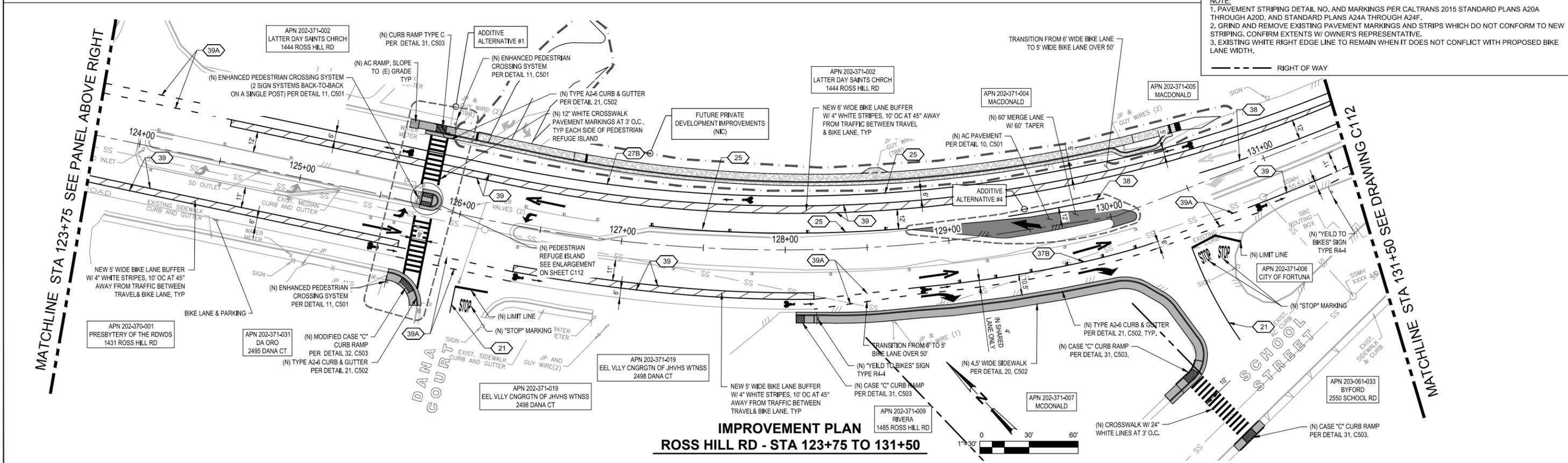
- PAVEMENT STRIPING DETAIL NO. AND MARKINGS PER CALTRANS 2015 STANDARD PLANS A20A THROUGH A20D, AND STANDARD PLANS A24A THROUGH A24F.
- GRIND AND REMOVE EXISTING PAVEMENT MARKINGS AND STRIPS WHICH DO NOT CONFORM TO NEW STRIPING, CONFIRM EXTENTS W/ OWNER'S REPRESENTATIVE.
- EXISTING WHITE RIGHT EDGE LINE TO REMAIN WHEN IT DOES NOT CONFLICT WITH PROPOSED BIKE LANE WIDTH.

--- RIGHT OF WAY

<p>Reuse of Documents</p> <p>This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015</p>										<p>Drawn LH Designer LH</p> <p>Drafting DC Design Check JW</p> <p>Approved JW</p> <p>Date 10/13/2016</p> <p>Scale AS SHOWN</p>		<p>Project CITY OF FORTUNA</p> <p>2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT</p> <p>Title IMPROVEMENT PLAN - ROSS HILL ROAD STA 100+00 TO 115+30 - 1 OF 3</p> <p>Project No. 11109088</p> <p>Original Size Ansi D Drawing No: C110</p> <p>Sheet 16 of 23</p> <p>Rev: 0</p>	
<p>THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.</p> <p>0 1"</p>						<p>10/13/2016</p>		<p>GHD Inc.</p> <p>718 Third Street Eureka California 95501 USA</p> <p>T 1 707 443 8326 F 1 707 444 8330</p> <p>W www.ghd.com</p>		<p>This Drawing shall not be used for Construction unless Signed and Sealed For Construction</p>		<p>Plot Date: 26 October 2016 - 1:35 PM</p> <p>Plotted by: Owen Goode</p> <p>CAD File No: G:\11111109088 Fortuna 2015 Safe Routes to School\06-CAD\Sheets\11109088_16-18_C110-C112.dwg</p>	



**IMPROVEMENT PLAN
ROSS HILL RD - STA 115+30 TO 123+75**



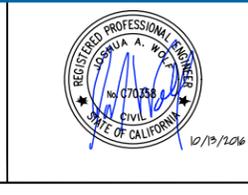
**IMPROVEMENT PLAN
ROSS HILL RD - STA 123+75 TO 131+50**

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.

0 1"



GHD
GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn LH	Designer LH
Drafting DC	Design Check JW
Approved JW	
Date 10/13/2016	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

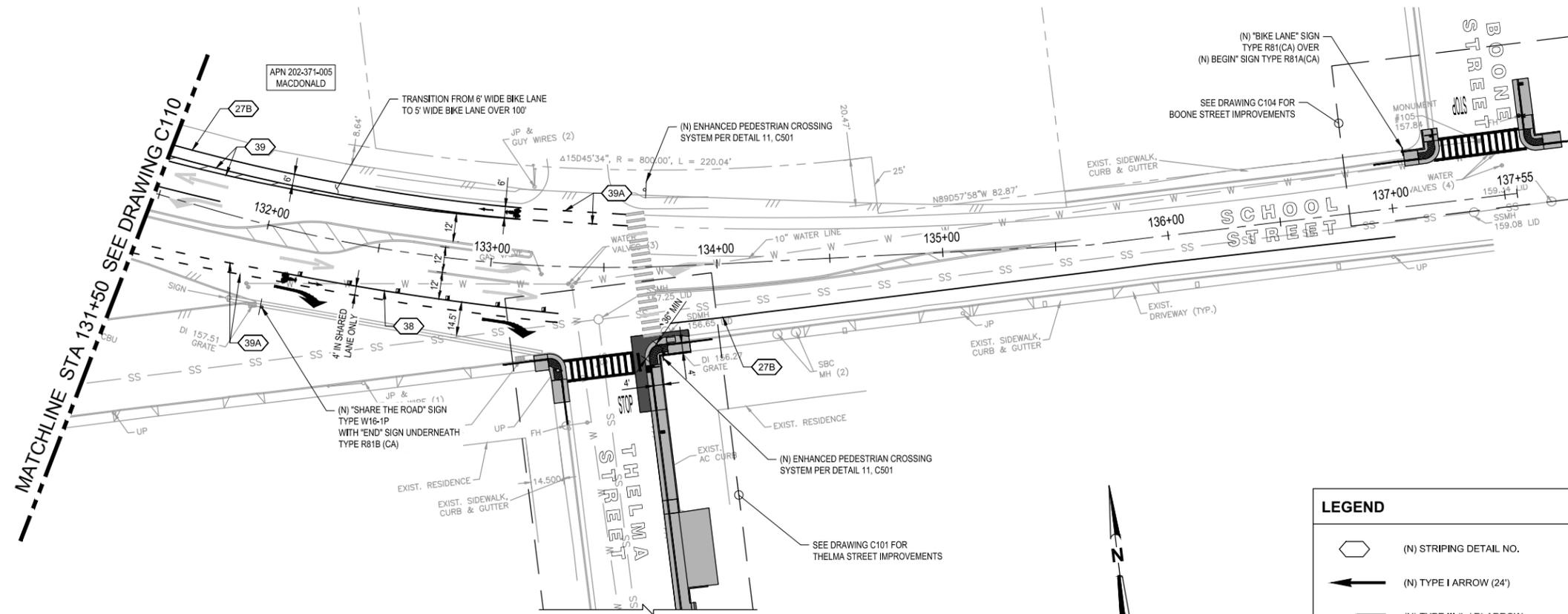
Project **CITY OF FORTUNA
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT**

Title **IMPROVEMENT PLAN -
ROSS HILL ROAD STA 115+30 TO 131+50 - 2 OF 3**

Project No. 11109088

Original Size
Ansi D Drawing No: **C111**

Sheet 17 of 23
Rev: 0



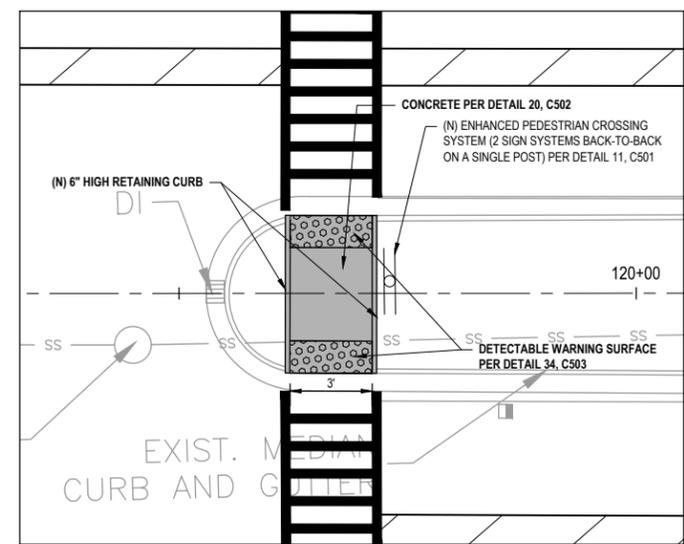
IMPROVEMENT PLAN
ROSS HILL RD - STA 131+50 TO 137+55

LEGEND

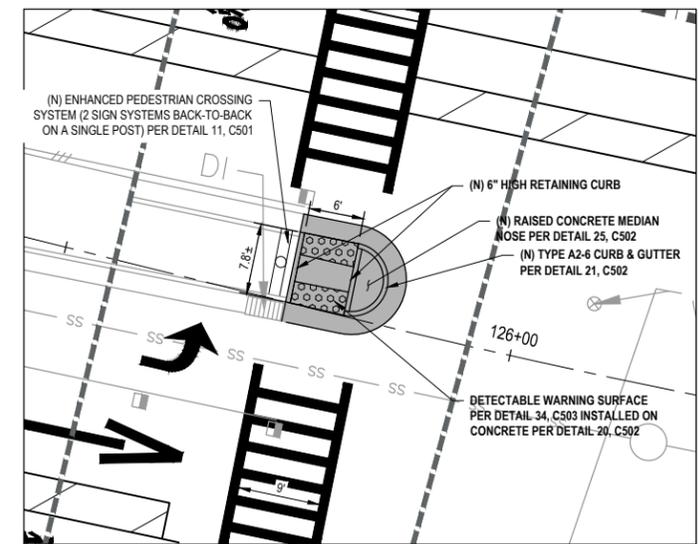
	(N) STRIPING DETAIL NO.		(N) TYPE IV ARROW
	(N) TYPE I ARROW (24")		(N) TYPE V ARROW
	(N) TYPE III (L / R) ARROW		(N) BIKE LANE SYMBOL WITH PERSON, (N) AND BIKE LANE ARROW
	(N) TYPE IV (L / R) ARROW		(N) TYPE II (L / R) ARROW

NOTE:
 1. PAVEMENT STRIPING DETAIL NO. AND MARKINGS PER CALTRANS 2015 STANDARD PLANS A20A THROUGH A20D, AND STANDARD PLANS A24A THROUGH A24F.
 2. GRIND AND REMOVE EXISTING PAVEMENT MARKINGS AND STRIPS WHICH DO NOT CONFORM TO NEW STRIPING. CONFIRM EXTENTS W/ OWNER'S REPRESENTATIVE.
 3. EXISTING WHITE RIGHT EDGE LINE TO REMAIN WHEN IT DOES NOT CONFLICT WITH PROPOSED BIKE LANE WIDTH.

--- RIGHT OF WAY



ENLARGED PLAN
ROSS HILL RD - STA 119+66
PEDESTRIAN REFUGE ISLAND



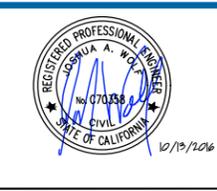
ENLARGED PLAN
ROSS HILL RD - STA 125+78
PEDESTRIAN REFUGE ISLAND



No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
 This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

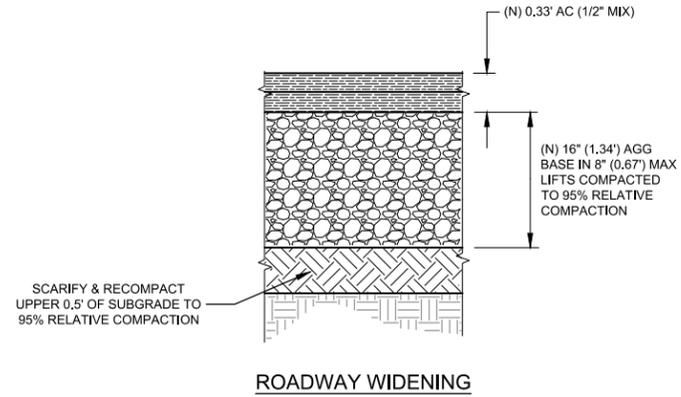
THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
 0 1"



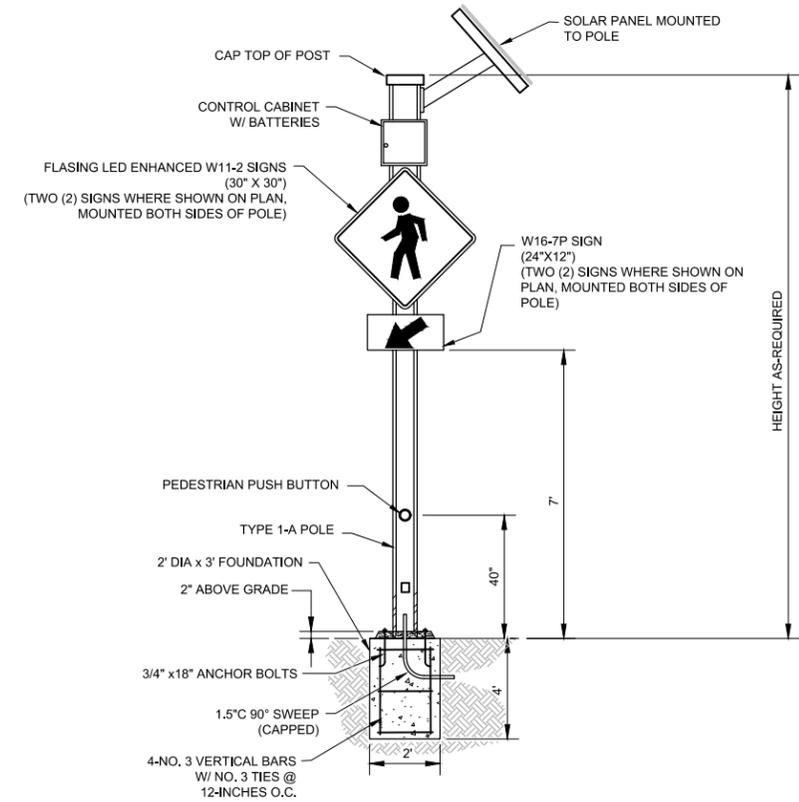
GHD
 GHD Inc.
 718 Third Street Eureka California 95501 USA
 T 1 707 443 8326 F 1 707 444 8330
 W www.ghd.com

Drawn	LH	Designer	LH
Drafting Check	DC	Design Check	JW
Approved	JW		
Date	10/13/2016		
Scale	AS SHOWN		

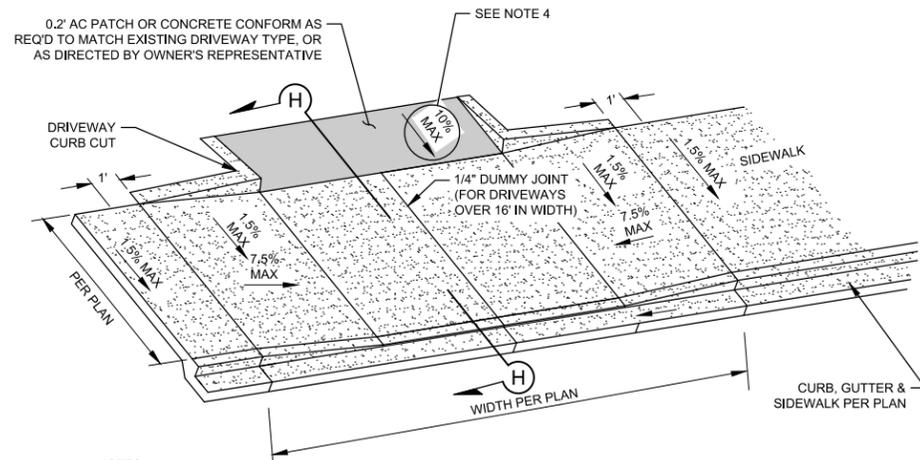
Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
 Title **IMPROVEMENT PLAN - ROSS HILL ROAD STA 131+50 TO 137+55 - 3 OF 3**
 Project No. 11109088
 Original Size
 Ansi D Drawing No: **C112**
 Sheet 18 of 23
 Rev: 0



10
C501 **TYPICAL PAVEMENT STRUCTURAL SECTION**
SCALE: NTS



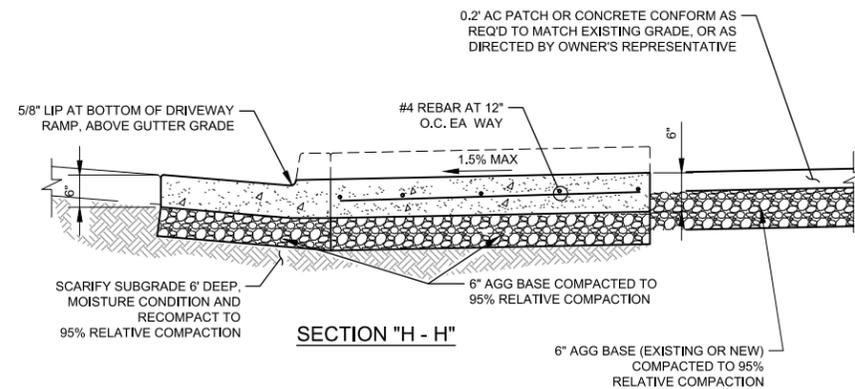
11
C501 **ENHANCED PEDESTRIAN CROSSING SIGN SYSTEM**
SCALE: NTS



NOTES:

- CONCRETE SURFACE SHALL BE TROWELED SMOOTH & HAIR BROOMED.
- PROVIDE A WEAKENED PLANE JOINT OF 2" MIN. DEPTH AND 1/8" MAX. WIDTH IN THE MIDDLE OF THE DRIVEWAY APPROACH AND GUTTER.
- ACROSS THE PEDESTRIAN ROUTE AT CURB RAMP LOCATIONS, THE GUTTER PAN SLOPE SHALL NOT EXCEED 1" OF DEPTH FOR EACH 2'-0" OF WIDTH.
- 10% MAX SLOPE OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
- DRIVEWAY (INCLUDING WINGS) SHALL BE 6" THICK REINFORCED CONCRETE.
- DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING CURBS, GUTTERS AND SIDEWALKS.

12
C501 **STANDARD DRIVEWAY DETAIL**
SCALE: NTS



No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

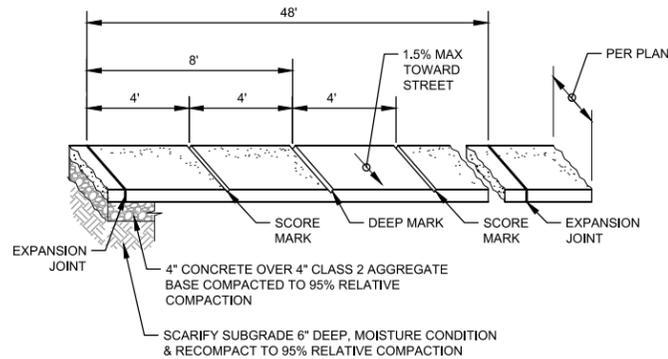
THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"



GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

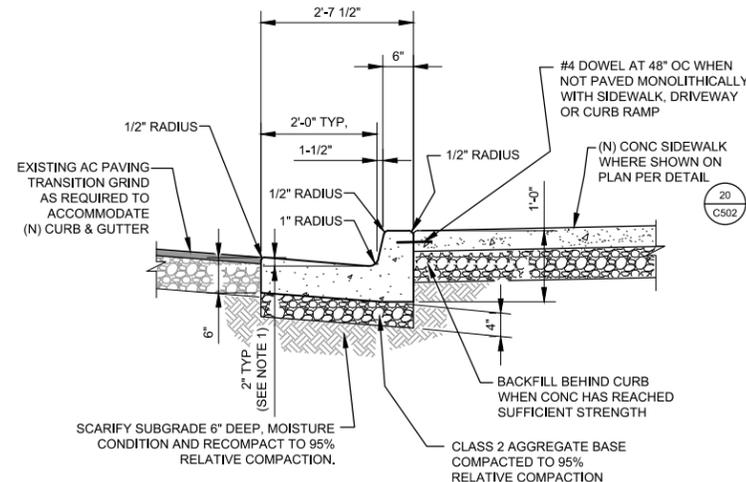
Drawn	OFG	Designer	DC
Drafting Check	JW	Design Check	JW
Approved	JW		
Date	10/13/2016		
Scale	AS SHOWN		

Project	CITY OF FORTUNA 2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT		
Title	CONSTRUCTION DETAILS 1 OF 5		
Project No.	11109088		
Original Size	ANSI D	Drawing No:	C501
Scale	AS SHOWN		
Plot Date:	26 October 2016 - 1:36 PM		
Plotted by:	Owen Goode		
CAD File No:	G:\11111109088 Fortuna 2015 Safe Routes to School\06-CAD\Sheets\11109088_19-23_C501-C505.dwg		



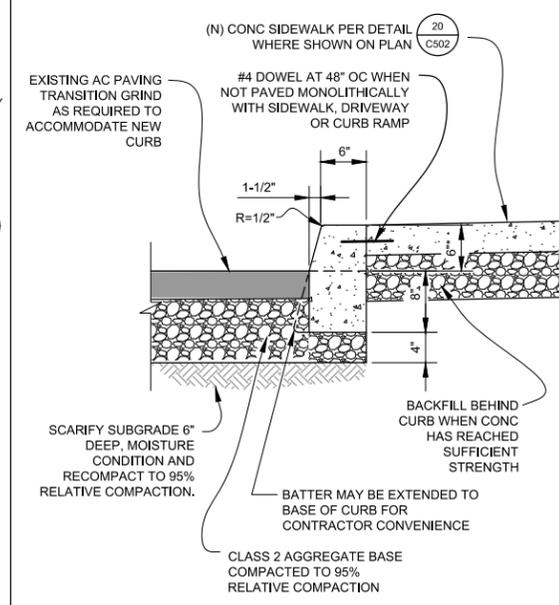
- NOTES:**
- DEEP SCORE MARK OR WEAKENED PLANE-DEPTH EQUAL TO 3/4".
 - EXPANSION JOINT MATERIAL TO BE 1/4" THICK PREMOLDED JOINT FILLER FULL THICKNESS OF CONCRETE. EXPANSION JOINTS TO ALIGN WITH EXPANSION JOINTS IN CURB & GUTTER.
 - SIDEWALK SHALL BE BROOM FINISHED. DIRECTION OF BROOMING SHALL BE PERPENDICULAR TO DIRECTION OF TRAVEL.
 - CONTRACTOR TO DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING SIDEWALK AT JUNCTIONS TO EXISTING SIDEWALK, DRIVEWAY CURB, AND / OR GUTTER.

20
C502 **TYPICAL SIDEWALK DETAIL**
SCALE: NTS



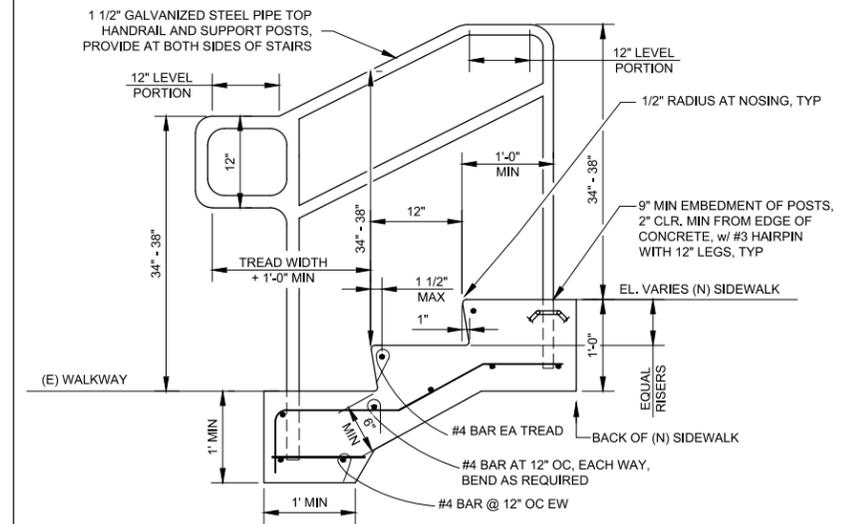
- NOTES:**
- ACROSS THE PEDESTRIAN ROUTE AT CURB RAMP LOCATIONS, THE GUTTER PAN SLOPE SHALL NOT EXCEED 5% WITHIN 2'-0" OF THE TOP AND BOTTOM OF THE CURB RAMP.
 - NEW CURB ELEVATIONS TO BE SET ACCORDING TO OVERLAY AND/OR AS DIRECTED BY THE ENGINEER.
 - DRILL AND DOWEL #4'S AT 12" O.C. INTO EXISTING CURBS AND GUTTER

21
C502 **TYPICAL CURB AND GUTTER DETAIL - TYPE A2-6**
SCALE: NTS



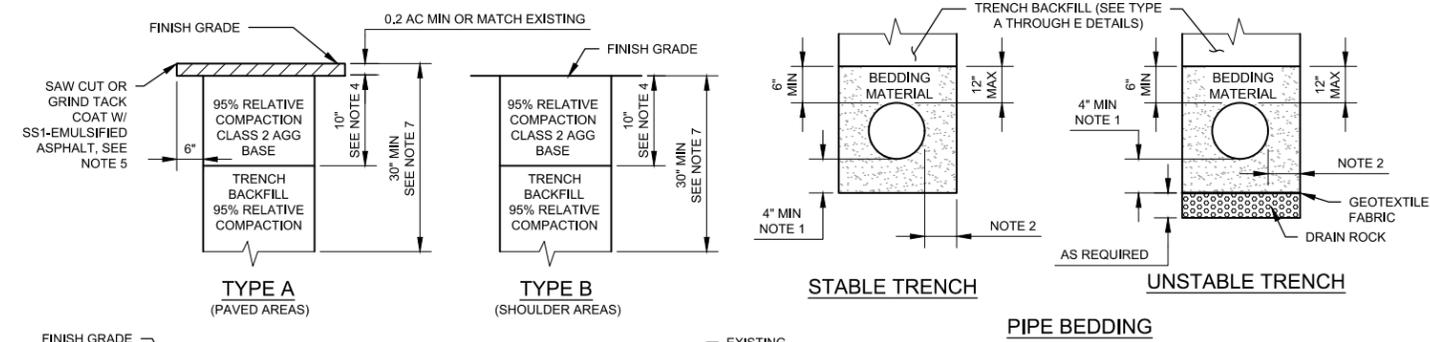
- NOTES:**
- NEW CURB ELEVATIONS TO BE SET ACCORDING TO OVERLAY AND/OR AS DIRECTED BY THE ENGINEER.
 - DRILL AND DOWEL #4" INTO EXISTING CURBS.

22
C502 **TYPICAL CURB DETAIL - TYPE A1-6**
SCALE: NTS



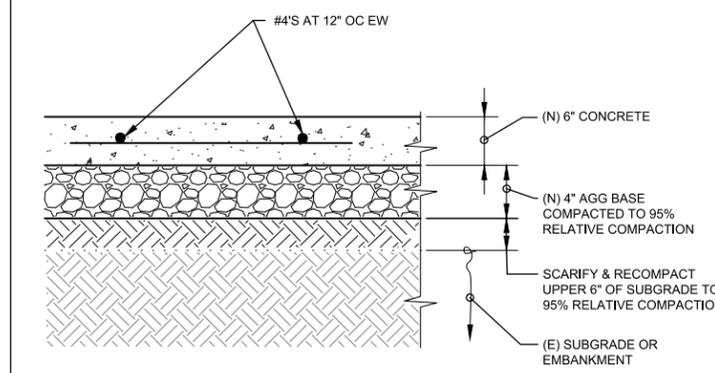
- STAIR NOTES:**
- CONCRETE SHALL BE A LIGHT BROOM FINISH.
 - RISERS SHALL BE NO LESS THAN 4" TALL AND NO GREATER THAN 7" TALL.
 - ALL EXTERIOR STAIR THREADS SHALL HAVE 2" WIDE MIN. WARNING STRIPES PER CURRENT BUILDING CODES
 - POUR CONCRETE OVER COMPACTED SUBGRADE.
 - STAIR RISE & TREAD TO BE DETERMINED FOR SITE CONDITIONS BASED ON REQUIREMENTS.
 - THE TOP AND BOTTOM LANDINGS SHALL SLOPE NO MORE THAN 1.5% IN ANY DIRECTION.
 - BASE OF CONCRETE TO BE 6" MIN BELOW FINISHED GRADE
 - ALL WORK SHALL BE IN ACCORDANCE TO THE CURRENT EDITION OF THE CALIFORNIA BUILDING CODE.

23
C502 **TYPICAL STAIR DETAIL**
SCALE: NTS

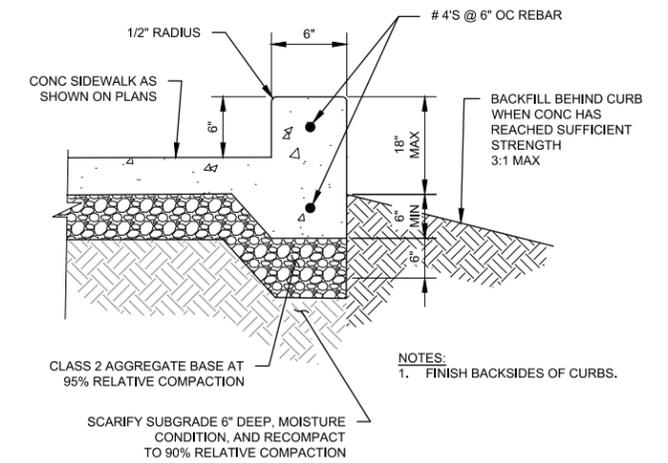


- PIPE BEDDING**
- NOTES:**
- 1 1/4" PIPE OD OR 4" MIN WHEN EXCAVATION IS IN ROCKY GROUND.
 - PIPE DIAMETER 18" OR LESS: 6" MIN, 9" MAX. PIPE DIAMETER GREATER THAN 18": 9" MIN, 12" MAX.
 - RELATIVE COMPACTION DESIGNATED R.C.
 - THE MINIMUM STREET STRUCTURAL SECTION SHALL BE 0.2' AC ON 0.7' AGG BASE OR MATCH EXISTING PAVEMENT, WHICHEVER IS THICKER, SPECIFIED ON PLANS, OR REQUIRED BY ENCROACHMENT PERMIT.
 - SAW CUT OR GRIND PAVEMENT SIX INCHES FROM EDGE OF TRENCH AFTER TRENCH IS BACKFILLED.
 - MINIMUM PIPE COVER SHALL BE 30" FROM TOP OF PIPE.
 - NEW STREETS AND SHOULDER AREAS UNDER CONSTRUCTION SHALL BE COMPACTED TO 95% RELATIVE COMPACTION FOR A MINIMUM DEPTH OF 30" PER CALTRANS SECTION 19-5.03.
 - INSTALL #10 COPPER COATED TRACER WIRE ON / OVER ALL NON-METALLIC MAINS, ADHERE TO PIPE EVERY 6' MIN.
 - BEDDING SHALL BE PEA GRAVEL. BACKFILL SHALL BE CLASS 2 AGGREGATE BASE UNDER CONCRETE OR ASPHALT PAVEMENTS, AND NATIVE MATERIAL WITHIN PLANTING OR LANDSCAPED AREAS.

24
C502 **TYPICAL TRENCH DETAILS**
SCALE: NTS



25
C502 **TYPICAL MEDIAN NOSE AND STAMPED CONCRETE MEDIAN**
SCALE: NTS

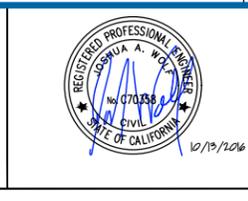
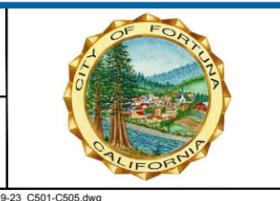


26
C502 **CONCRETE WARNING CURB DETAIL**
SCALE: NTS

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

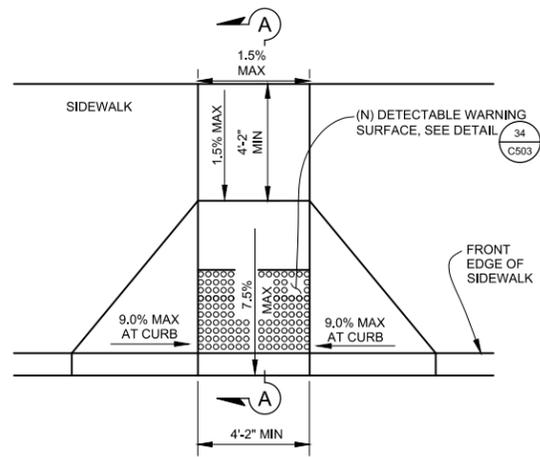
THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"



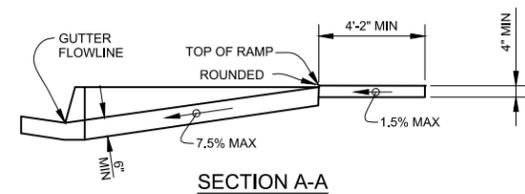
GHD
GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn OFG	Designer DC
Drafting Check JW	Design Check JW
Approved JW	
Date 10/13/2016	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
Title **CONSTRUCTION DETAILS**
2 OF 5
Project No. 11109088
Original Size
Ansi D Drawing No: C502
Sheet 20 of 23
Rev: 0



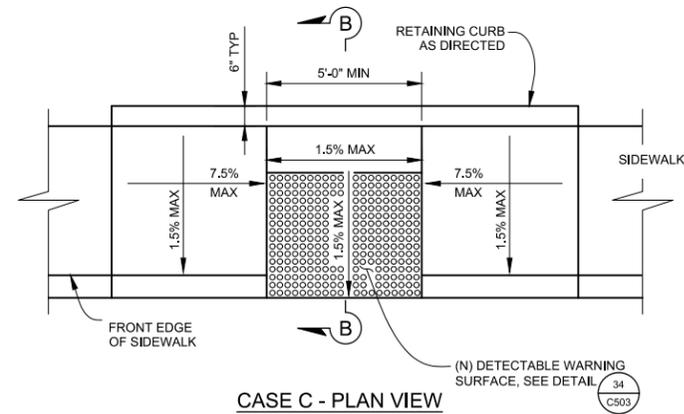
CASE A - PLAN VIEW



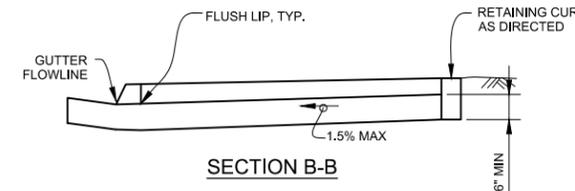
SECTION A-A

**STANDARD CURB RAMP
DETAIL - CASE A**

30
C503 SCALE: NTS

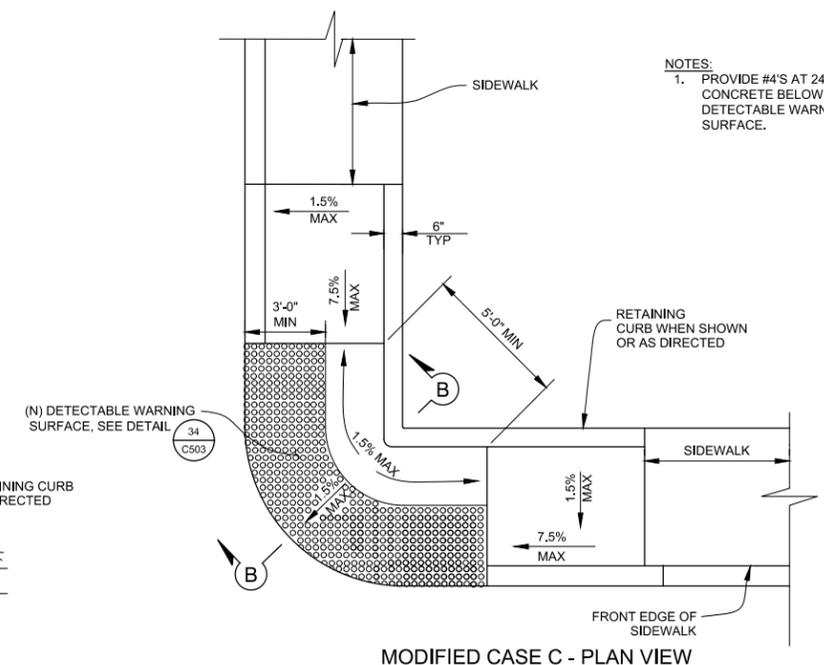


CASE C - PLAN VIEW



SECTION B-B

31 STANDARD CURB RAMP DETAIL - CASE C
SCALE: NTS

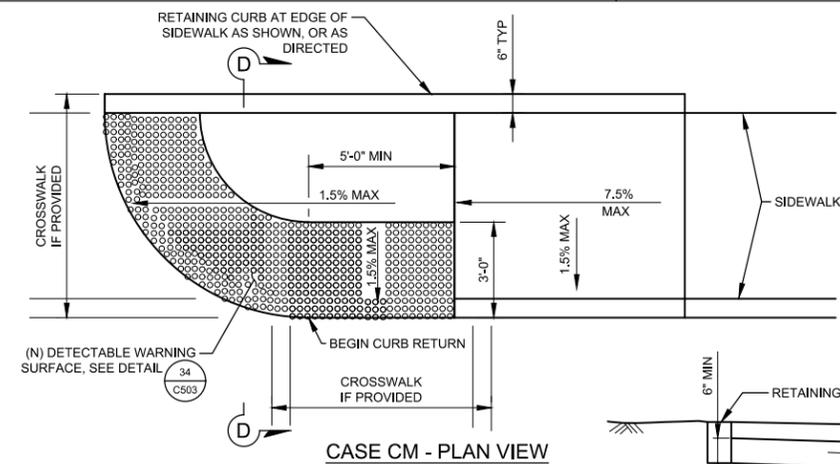


MODIFIED CASE C - PLAN VIEW

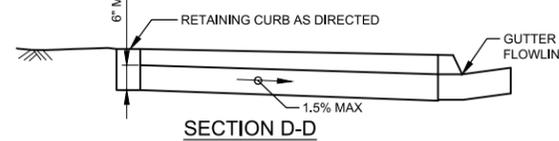
32 STANDARD CURB RAMP DETAIL - MODIFIED CASE C
SCALE: NTS

PEDESTRIAN ACCESS NOTES:

- THE CURB RAMP STANDARDS DEPICTED HERE MAY NOT BE APPROPRIATE FOR ALL LOCATIONS. FIELD CONDITIONS AT INDIVIDUAL LOCATIONS MAY REQUIRE SPECIFIC DESIGNS. DESIGNS MUST BE CONSISTENT WITH THE PROVISIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) 2010 STANDARD PLANS AND SUBSEQUENT REVISED STANDARD PLANS TO THE MAXIMUM EXTENT FEASIBLE.
- CURB RAMP AND PEDESTRIAN REFUGE ISLAND THICKNESS SHALL BE 6" THICK MINIMUM. PEDESTRIAN REFUGE ISLANDS AND CURB RAMPS SHALL BE PLACED OVER 4" OF CLASS 2 AGGREGATE BASE COMPACTED TO 95% RELATIVE COMPACTION. SCARIFY SUBGRADE 6" DEEP, MOISTURE CONDITION AND RECOMPACT TO 95% RELATIVE COMPACTION.
- TRANSITIONS FROM RAMPS AND LANDINGS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
- MAXIMUM SLOPES OF ADJOINING GUTTERS, THE ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT EXCEED 5% WITHIN 2'-0" OF THE CURB RAMP.
- A 6" HIGH WARNING CURB IS REQUIRED PER CBC WHENEVER THERE IS AN ABRUPT CHANGE IN GRADE ELEVATION OFF THE EDGE OF A WALKING SURFACE THAT EXCEEDS 4" VERTICAL EXCEPT BETWEEN A SIDEWALK AND AN ADJACENT STREET. LOCATION TO BE AS DIRECTED.
- WHEN AN EXISTING ACCESSIBLE PATH OF TRAVEL IS TO BE BLOCKED OR REMOVED, THE CONTRACTOR SHALL SUBMIT A TEMPORARY ACCESS PLAN FOR CITY APPROVAL. NO WORK SHALL COMMENCE UNTIL AN ACCESS PLAN HAS BEEN APPROVED FROM THE CITY.
- IF THE CONSTRUCTION WORK AREA IS WITHIN AN EXISTING FACILITY (E.G. BUS STOPS, CROSSWALKS, ETC.), CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCE NOTICE TO OWNERS OF THE FACILITY INDICATING THE AFFECTED LOCATION AND DURATION OF WORK. NO TWO FACILITIES OR PROGRAMS IN SEQUENCE SHALL BE BLOCKED OR CLOSED FOR PUBLIC USE.
- PAYMENT FOR PROVIDING A CONTINUOUS PATH OF TRAVEL SHALL BE CONSIDERED AS INCLUDED IN VARIOUS ITEMS OF WORK AND NO SEPARATE PAYMENT SHALL BE MADE. PROVISIONS FOR CONTINUOUS PATH OF TRAVEL SHALL INCLUDE INSTALLATION AND MAINTENANCE OF TEMPORARY RAMPS, POTHOLING OF UTILITIES, RESTORATION OF EXISTING STREET IMPROVEMENTS, COORDINATION OF WORK, TRAFFIC CONTROLS AND ALL ASSOCIATED WORK NEEDED TO COMPLETE THIS REQUIREMENT.
- DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING CURB, GUTTERS, DRIVEWAYS AND SIDEWALKS.



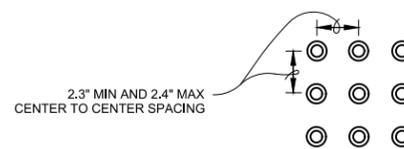
CASE CM - PLAN VIEW



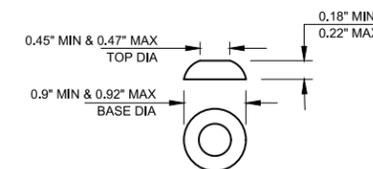
SECTION D-D

NOTES:

- PROVIDE #4'S AT 24" OC EW IN CONCRETE BELOW DETECTABLE WARNING SURFACE.



RAISED TRUNCATED DOME PATTERN (IN-LINE)



RAISED TRUNCATED DOME

NOTES:

- CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF RAMP. SEE RAMP DETAILS ON THIS SHEET FOR DETECTABLE WARNING LAYOUT.
- THE EDGE OF THE DETECTABLE WARNING SHALL BE BETWEEN 6" AND 8" AWAY FROM THE STREET GUTTER FLOWLINE EXCEPT FOR PARALLEL RAMP CONSTRUCTION, WHERE THE DETECTABLE WARNING SURFACE SHALL BE BETWEEN 0" AND 2" AWAY FROM THE STREET GUTTER FLOWLINE.
- DETECTABLE WARNING SHALL BE A PREFORMED MATERIAL AS APPROVED BY THE ENGINEER. THE DETECTABLE WARNING SHALL BE CAST-IN, NOT SURFACE APPLIED UNLESS NOTED OTHERWISE. THE USE OF CONCRETE STAMPING IS NOT PERMITTED. NEW RAMPS SHALL BE CAST-IN-PLACE AND EXISTING RAMPS SHALL BE SURFACE-APPLIED.
- DETECTABLE WARNING SURFACE SHALL BE FEDERAL YELLOW.

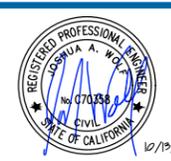
34 DETECTABLE WARNING SURFACE DETAILS
SCALE: NTS

33 STANDARD CURB RAMP DETAIL - CASE CM
SCALE: NTS

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"

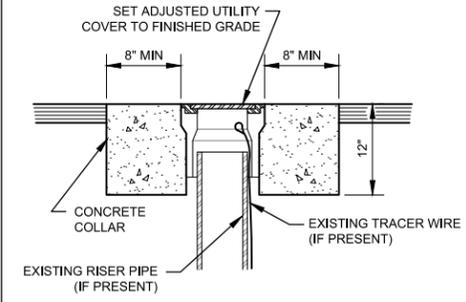


GHD
GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn	OFG	Designer	DC
Drafting Check	JW	Design Check	JW
Approved	JW	Date	10/13/2016
Scale	AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	

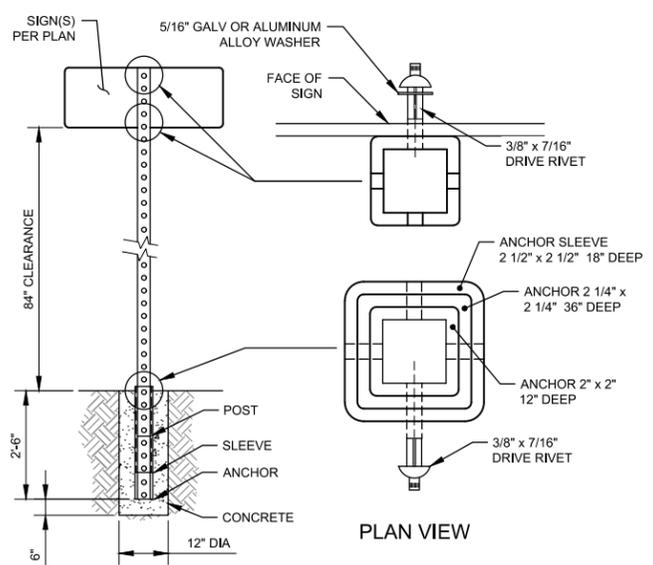
Project	CITY OF FORTUNA 2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
Title	CONSTRUCTION DETAILS 3 OF 5
Project No.	11109088
Original Size	
Ansi D	Drawing No: C503
Sheet	21 of 23
Rev	0

40 NOT USED
C504



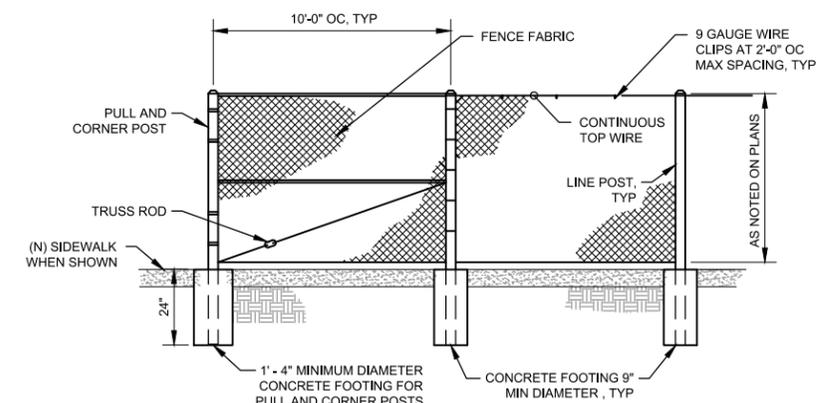
NOTES:
1. THE CONTRACTOR SHALL COMPLETELY DEMOLISH EXISTING CONCRETE COLLAR TO A DEPTH OF 12 INCHES.

41 TYPICAL ADJUST UTILITY COVER TO GRADE DETAIL
C504 SCALE: NTS



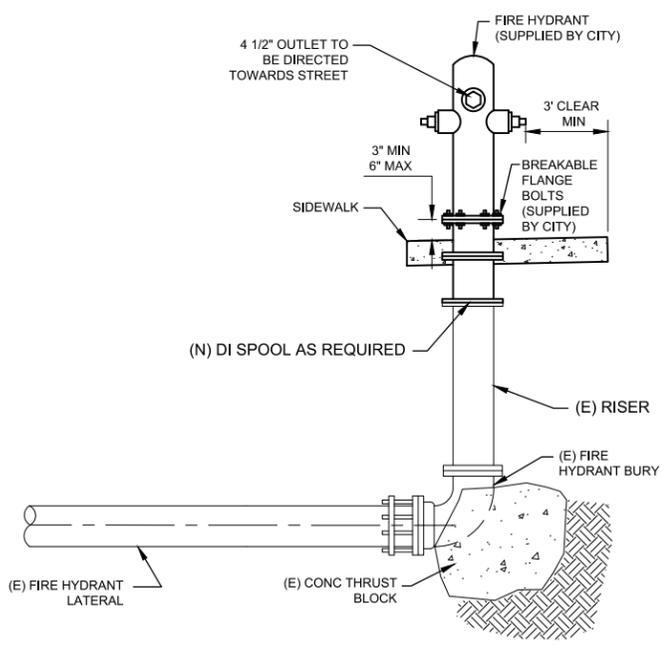
NOTE:
1. POST, SLEEVE AND ANCHOR SHALL BE HOT DIPPED GALVANIZED STEEL CONFORMING TO ASTM A653 DES. G90.
2. PROVIDE 48" CLEAR PATH OF TRAVEL AROUND SIGN POSTS WITH LOCATED IN SIDEWALKS, DRIVEWAYS, OR CURB RAMPS.
3. SIGN PANELS SHALL NOT ENCR OACH PAST CURB FACE.

42 TYPICAL ROADSIDE SIGN, 1-POST DETAIL
C504 SCALE: NTS

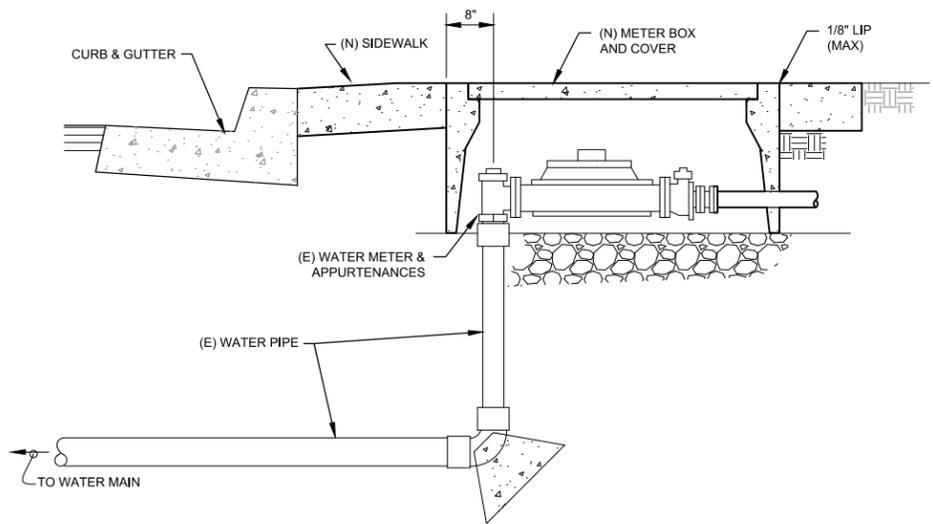


NOTE:
1. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

43 CHAIN LINK FENCE DETAIL
C504 SCALE: NTS

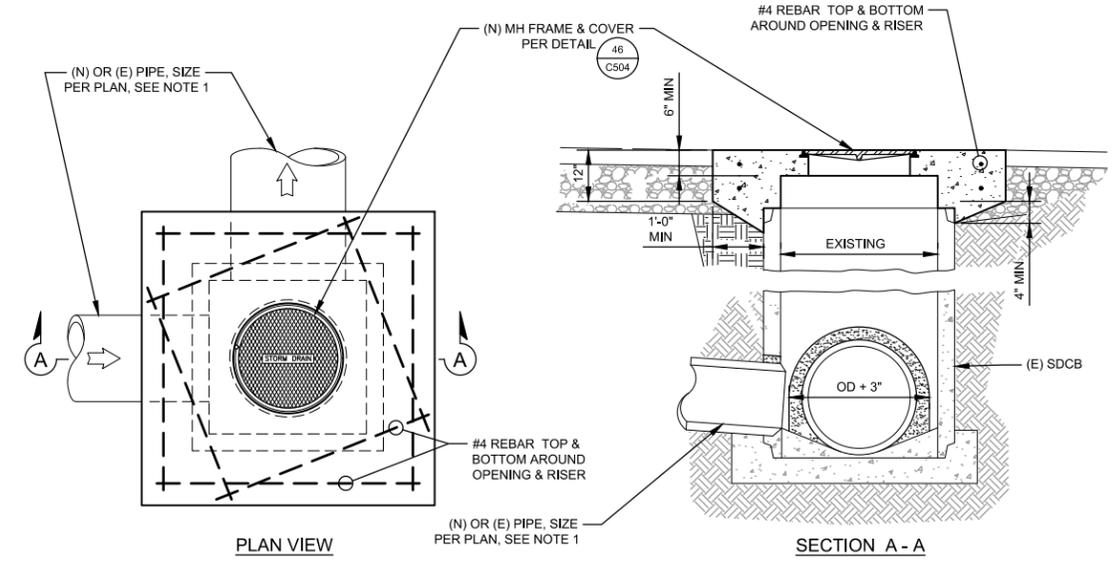


44 TYPICAL REPLACE FIRE HYDRANT DETAIL
C504 SCALE: NTS



NOTES:
1. PROVIDE 8" WIDE 12" THICK CONC COLLAR IN VEHICULAR AREAS.
2. USE VEHICULAR RATED COVER IN DRIVEWAYS.

45 TYPICAL ADJUST WATER METER DETAIL
C504 SCALE: NTS



NOTES:
1. SEE PLANS FOR PIPE INLET ORIENTATION.
2. CONTRACTOR TO MATCH EXISTING BOX SIZE & THICKNESS.

47 MODIFIED STORM DRAIN JUNCTION BOX DETAIL
C504 SCALE: NTS

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015.

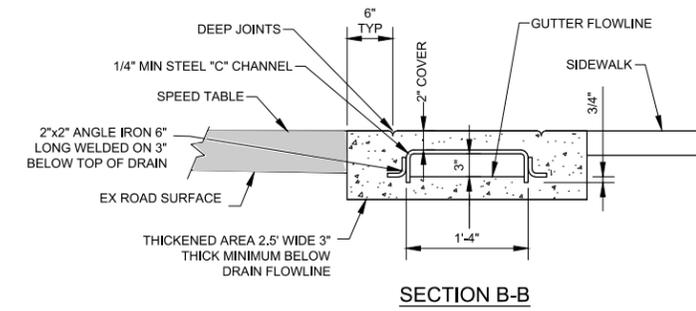
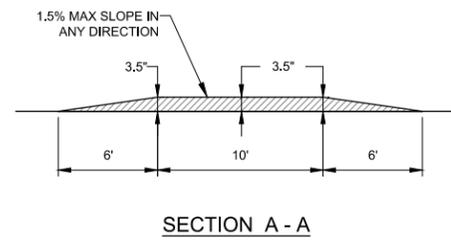
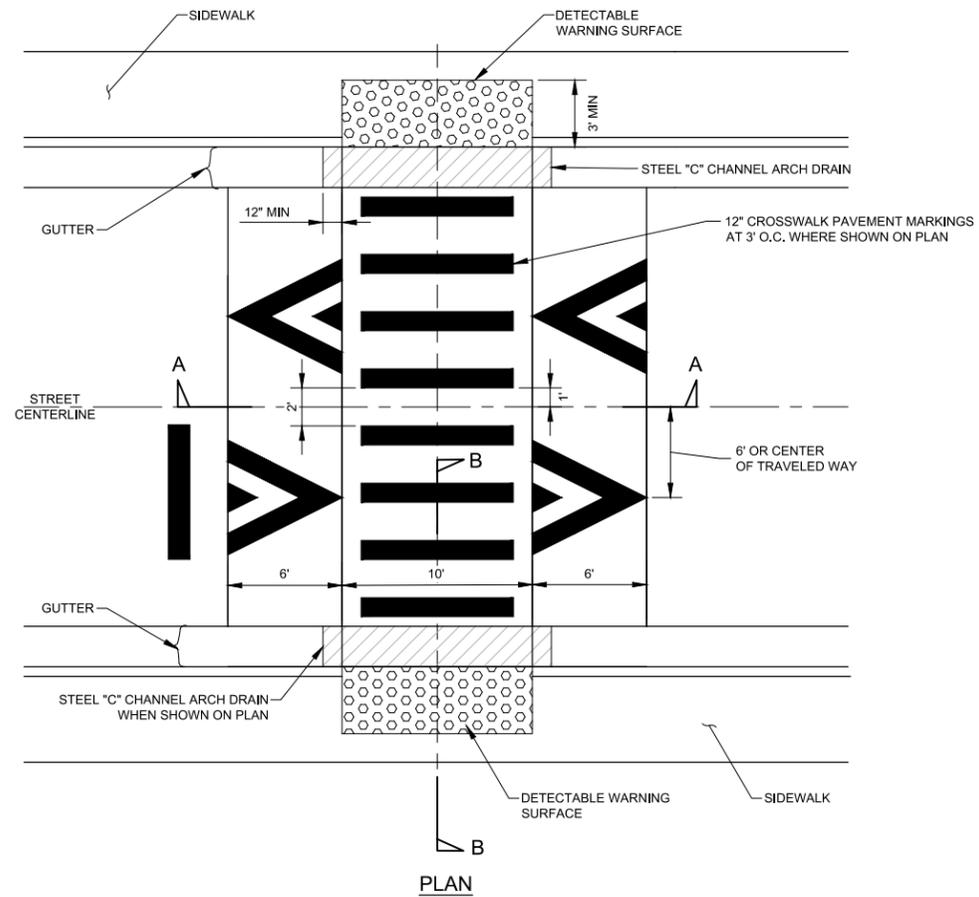
THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"



GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

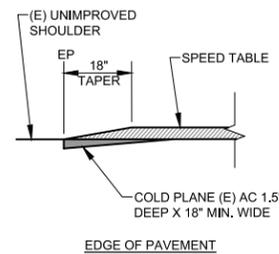
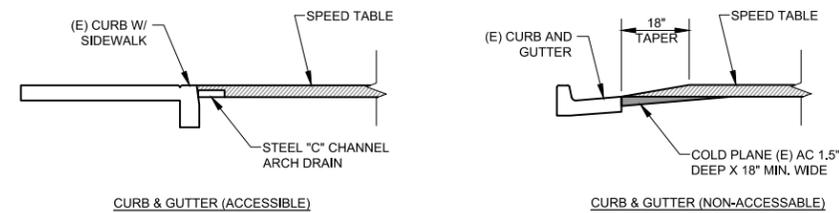
Drawn	OFG	Designer	DC
Drafting Check	JW	Design Check	JW
Approved	JW	Date	10/13/2016
Scale	AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	

Project CITY OF FORTUNA
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
Title CONSTRUCTION DETAILS
4 OF 5
Project No. 11109088
Original Size
Ansi D Drawing No: C504
Sheet 22 of 23
Rev: 0

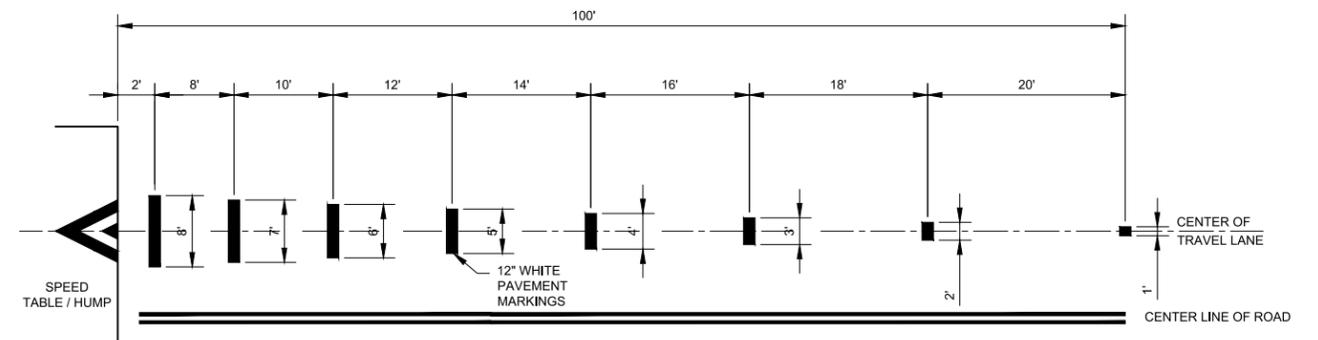


- NOTES:**
- BOTTOM OF DRAIN TO BE SMOOTHED PRIOR TO SETTING CHANNEL IN WET CONCRETE.
 - DRAIN TO SLOPE A MINIMUM OF 2%.
 - AFTER SETTING "C" CHANNEL, THICKENED AREA WILL BE ALLOWED TO SET UP ENOUGH TO PREVENT FURTHER SINKING OF CHANNEL. A COLD JOINT IS ACCEPTABLE.

**STEEL "C" CHANNEL ARCH DRAIN
UNDER SPEED TABLE AT GUTTER CROSSING**



EDGE TREATMENTS



- NOTES:**
- SPEED TABLE PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND CONFORM TO THE CALIFORNIA MUTCD AND THE 2010 CALTRANS STANDARD SPECIFICATION.
 - HOT MIX ASPHALT SHALL BE 1/2" HMA TYPE A, AND ASPHALT BINDER SHALL BE PG 64-16, BOTH CONFORMING TO THE 2010 CALTRANS STANDARD SPECIFICATION.

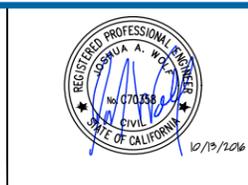
SPEED TABLE ADVANCED WARNING MARKINGS

50 TYPICAL SPEED TABLE CONFIGURATION AND DETAILS
SCALE: NTS

No	Revision	Drawn	Job Manager	Project Director	Date

Reuse of Documents
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2015

THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING.
0 1"



GHD
GHD Inc.
718 Third Street Eureka California 95501 USA
T 1 707 443 8326 F 1 707 444 8330
W www.ghd.com

Drawn	OFG	Designer	DC
Drafting Check	JW	Design Check	JW
Approved	JW	Date	10/13/2016
Scale	AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	

Project **CITY OF FORTUNA**
2015 SAFE ROUTES TO SCHOOL IMPROVEMENT PROJECT
Title **CONSTRUCTION DETAILS**
5 OF 5
Project No. 11109088
Original Size
Ansi D Drawing No: **C505**
Sheet 23 of 23
Rev: 0