

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			1	112



**CITY OF GOLETA
PUBLIC WORKS DEPARTMENT**

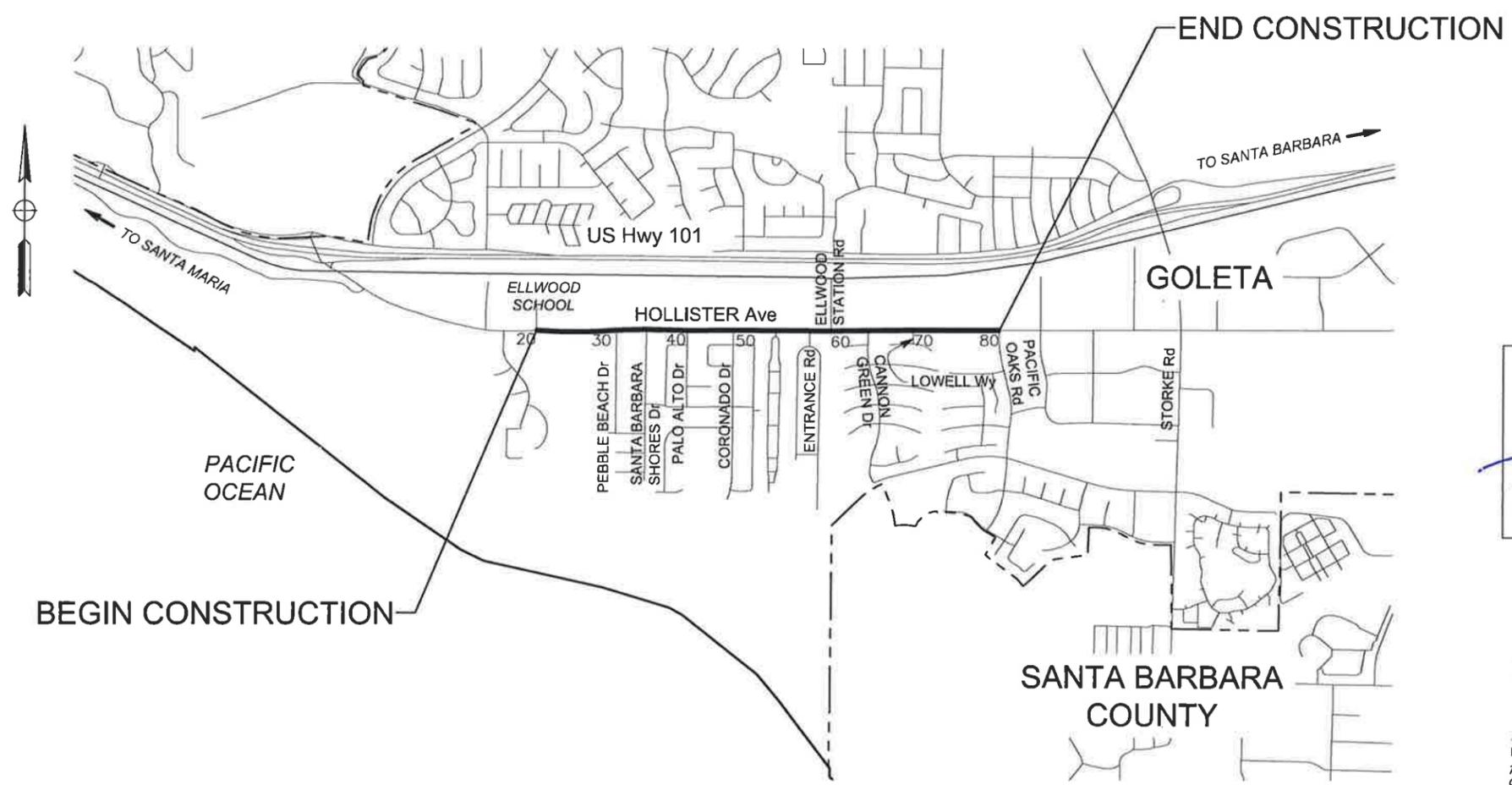
**PROJECT PLANS FOR CONSTRUCTION
CLASS 1 BIKE AND PEDESTRIAN IMPROVEMENTS
ON HOLLISTER AVENUE FROM ELLWOOD SCHOOL
TO PACIFIC OAKS ROAD**

**IN THE CITY OF GOLETA
FROM ELLWOOD SCHOOL TO PACIFIC OAKS ROAD**
TO BE SUPPLEMENTED BY CALTRANS 2010 STANDARD PLANS
AND COUNTY OF SANTA BARBARA STANDARD DETAILS DATED SEPTEMBER 2011

INDEX OF PLANS

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16-29	C-1 TO C-14	CONSTRUCTION DETAILS
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- ALTERNATE BID ITEMS**
- ALTERNATE BID No.1
 - PEDESTRIAN SIDEWALK TREATMENT
 - ALTERNATE BID No.2
 - LIGHTING (BIKE LANE) INFRASTRUCTURE
 - SIGNAL INTERCONNECT



APPROVED BY: CITY OF GOLETA

R. Gaglione 12/21/16
ROSEMARIE R. GAGLIONE, PE DATE
PUBLIC WORKS DIRECTOR

F. Jose Silva 12/14/16
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Drake Haglan & Associates
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

CONTRACT No. 00-00000

CU 00000 EA 00000

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-T.dwg, 12/15/2016 12:33 PM, PROJECT MANAGER JOSE SILVA, PROJECT ENGINEER JOSE SILVA

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO CONTRACTORS."

BORDER LAST REVISED 10/2015



USERNAME => \$USER
DGN FILE => \$REQUEST

DATE PLOTTED => \$DATE
TIME PLOTTED => \$TIME
LAST REVISION 06-05-16

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\Plans\HA-R-PC.dwg, 12/15/2016 12:40 PM, REVISED BY C.SALILICAN, DATE REVISED, CHECKED BY A. CASTLE-KEANE, CALCULATED/DESIGNED BY JOSE SILVA, CONSULTANT FUNCTIONAL SUPERVISOR, CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

NOTES:

1. PROTECT CITY ESTABLISHED CONTROL POINTS.
2. VERIFY AND ESTABLISH PROJECT CONTROL.
3. FOR ACCURATE RIGHT OF WAY AND EASEMENT DATA, SEE CITY RECORDS.

LEGEND

▲ CP# SURVEY CONTROL POINT

HORIZONTAL DATUM:

THE HORIZONTAL COORDINATE BASIS IS NAD 83 PER STATION 2002 PER RECORD OF SURVEY BOOK 170. PAGES 47-49.

VERTICAL DATUM:

THE VERTICAL DATUM IS NAVD 88 STATION 2002 PER RECORD OF SURVEY BOOK 170. PAGES 47-49. ELEVATION=12.93 FEET.

SURVEY CONTROL POINTS				
Point #	Elevation	Northing	Easting	Description
2	81.26	1984111.86	5990331.30	MON/NT RCE 3162
3	79.08	1984113.17	5990430.04	MON/NT RCE 3162
4	77.55	1984114.75	5990817.04	MON/NT RCE 3162
7	76.96	1984113.21	5991375.11	MON/NT RCE 3162
8	76.94	1984113.48	5991272.93	MON/LEAD
9	75.74	1984112.14	5991895.11	MON/NT LS5411
10	76.08	1984110.61	5991977.31	MON/NT RCE 3162
16	71.15	1984108.91	5992914.51	MON/NT SB ROAD

SURVEY CONTROL POINTS				
Point #	Elevation	Northing	Easting	Description
17	70.17	1984109.67	5992991.41	MON/LEAD
18	61.59	1984114.47	5993475.10	MON/NT SB ROAD
19	60.80	1984114.97	5993507.00	MON/NT SB ROAD
20	55.23	1984117.31	5993689.99	MON/NT SB ROAD
21	52.11	1984117.98	5993780.70	MON/NT SB ROAD
22	44.16	1984119.44	5994294.37	MON/NT SB ROAD
23	43.55	1984119.78	5994383.73	MON/NT SB ROAD
25	37.66	1984122.71	5995442.88	MON/NT SB ROAD

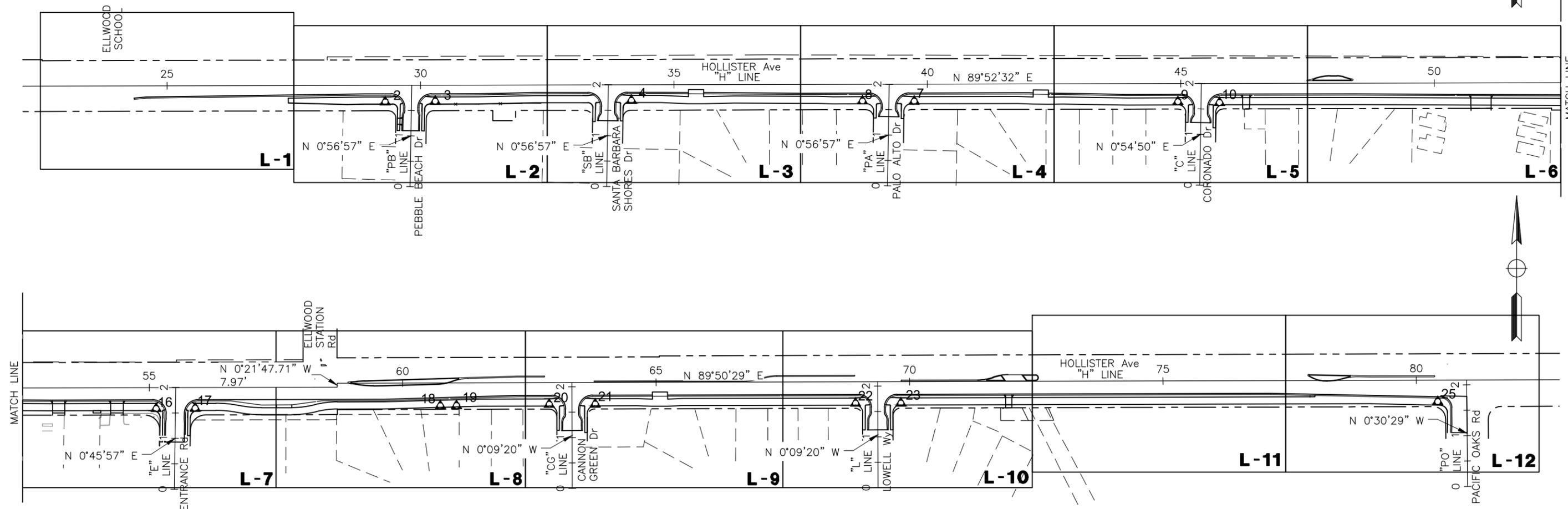
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			3	112

12/14/16
 REGISTERED CIVIL ENGINEER DATE

F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE
 THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670
--	---



PROJECT CONTROL AND KEY MAP

NO SCALE

PC-1

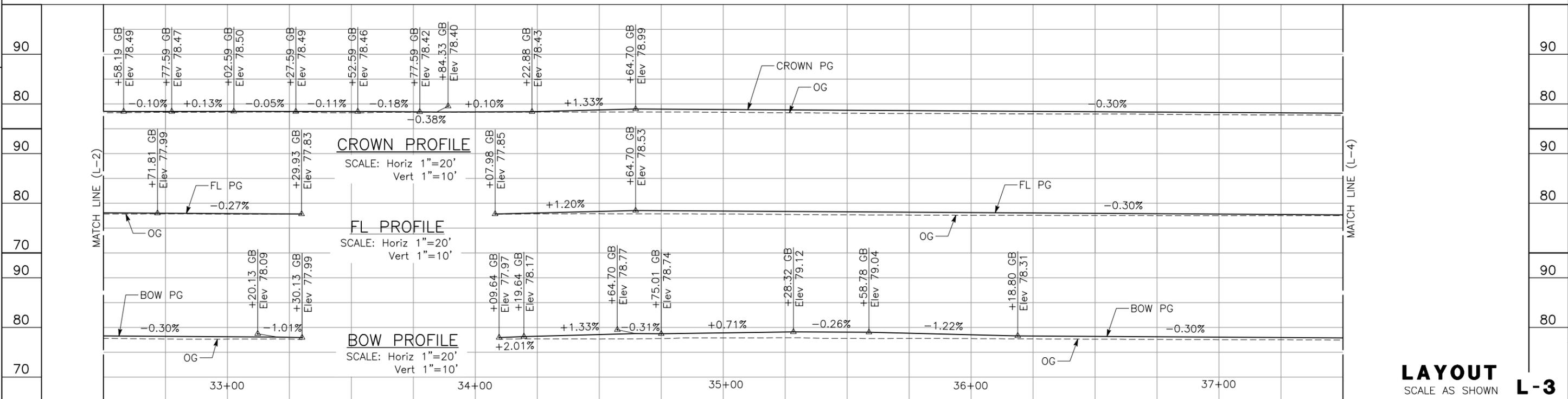
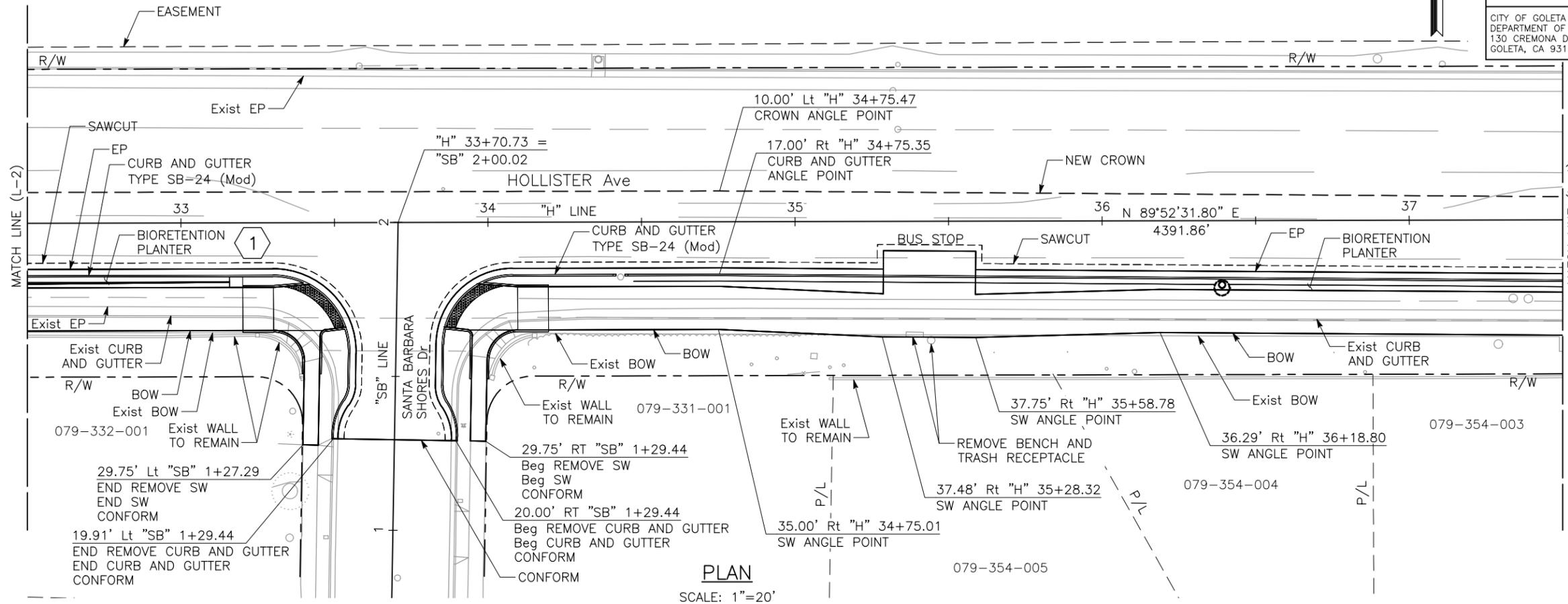
LAST REVISION 06-05-16 | DATE PLOTTED => Dec 15, 2016 | TIME PLOTTED => 12:40 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-L.dwg, 12/15/2016 1:10 PM, X

NOTE:
1. SEE SHEET L-1 FOR NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			6	112

REGISTERED CIVIL ENGINEER DATE 12/14/16
 F. JOSE SILVA No. 55267 Exp. 9/30/18 CIVIL
 PLANS APPROVAL DATE
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 CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED/DESIGNED BY C. SALILICAN	REVISOR A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CHECKED BY A. CASTLE-KEANE	DATE REVISOR A. CASTLE-KEANE

NOTE:
1. SEE SHEET L-1 FOR NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			9	112

12/14/16
REGISTERED CIVIL ENGINEER DATE

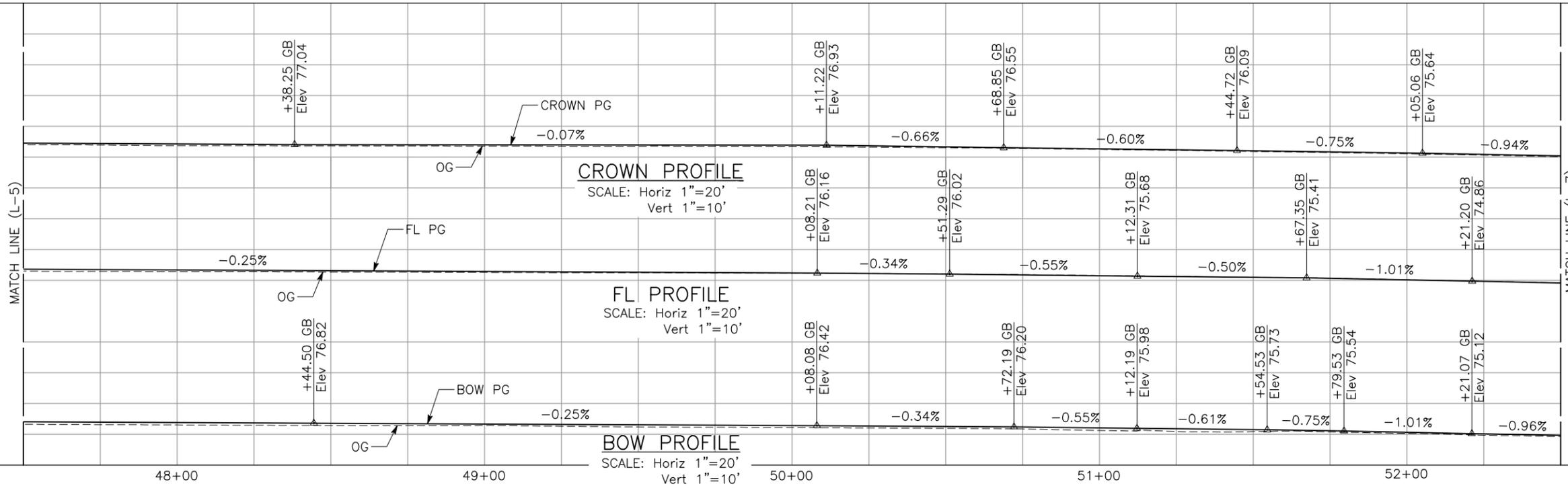
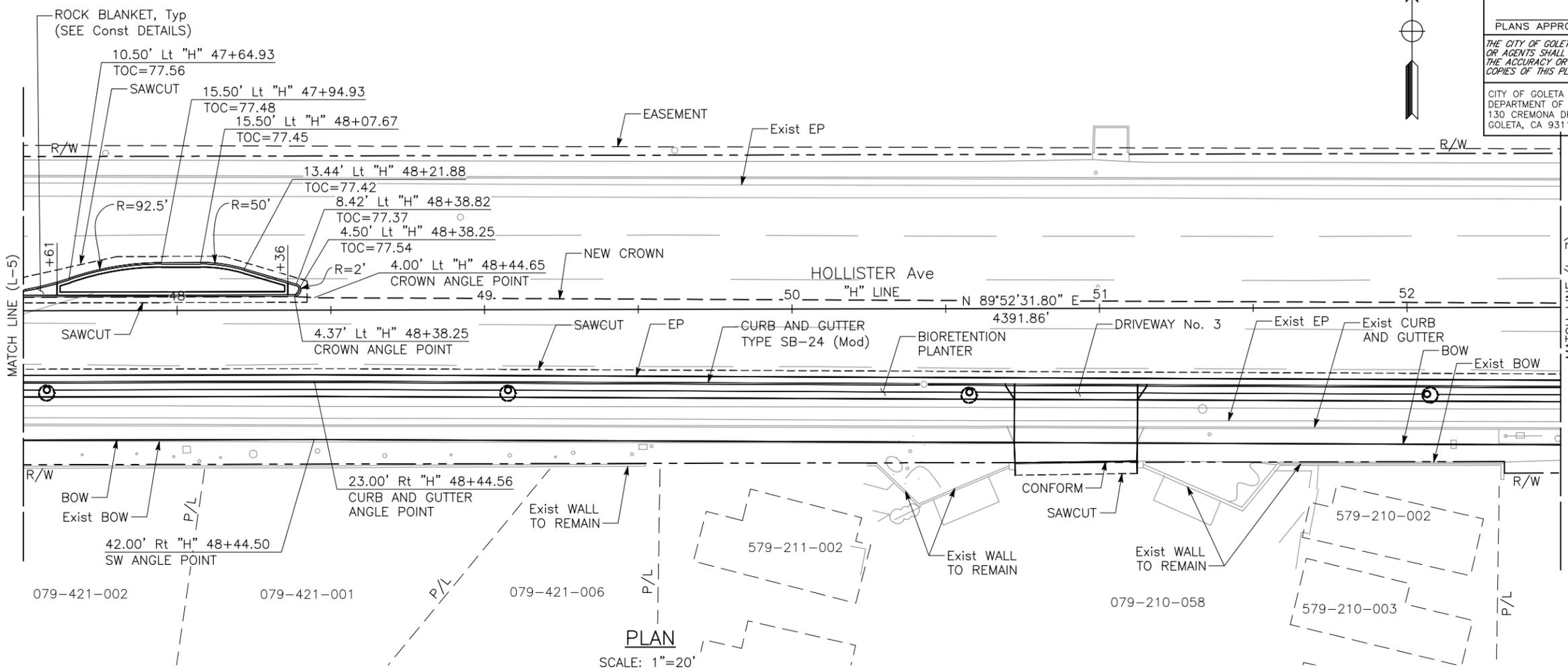
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

REGISTERED PROFESSIONAL ENGINEER
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA



LAYOUT L-6
SCALE AS SHOWN

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 1:10 pm

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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
JOSE SILVA	C.SALILICAN	A. CASTLE-KEANE	DATE REVISED

NOTE:
1. SEE SHEET L-1 FOR NOTES.

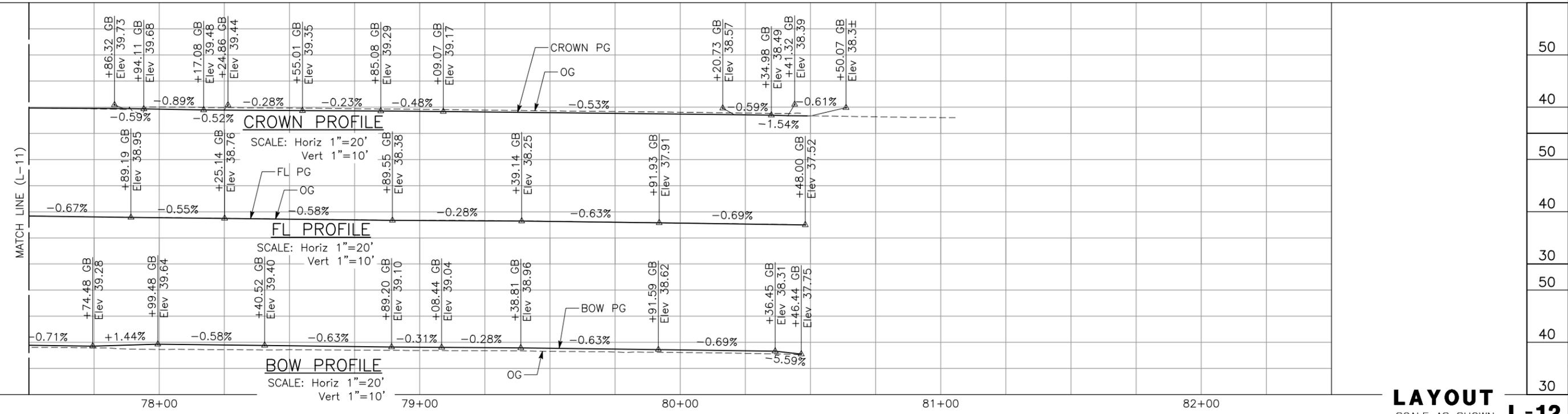
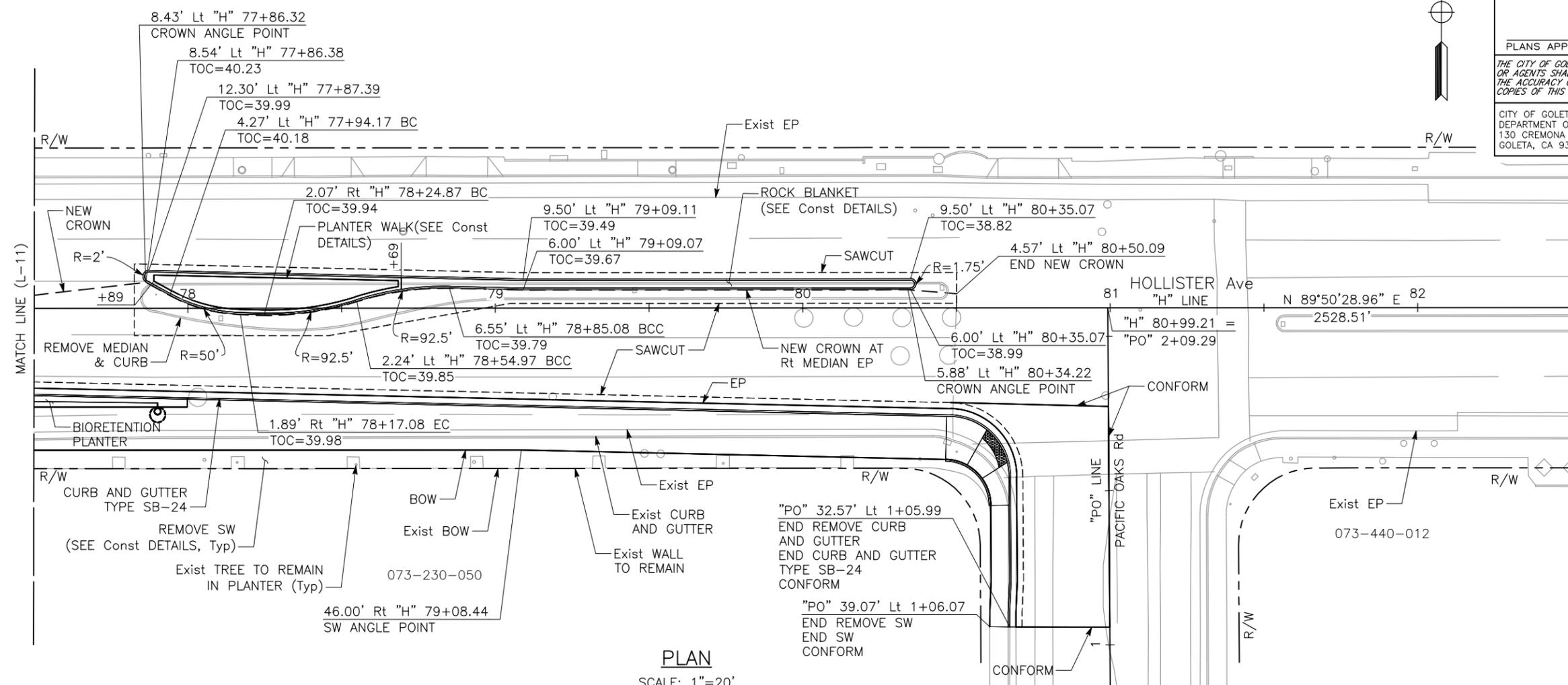
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			15	112

12/14/16
REGISTERED CIVIL ENGINEER DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



LAYOUT L-12
SCALE AS SHOWN

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TIME PLOTTED => 1:11 pm

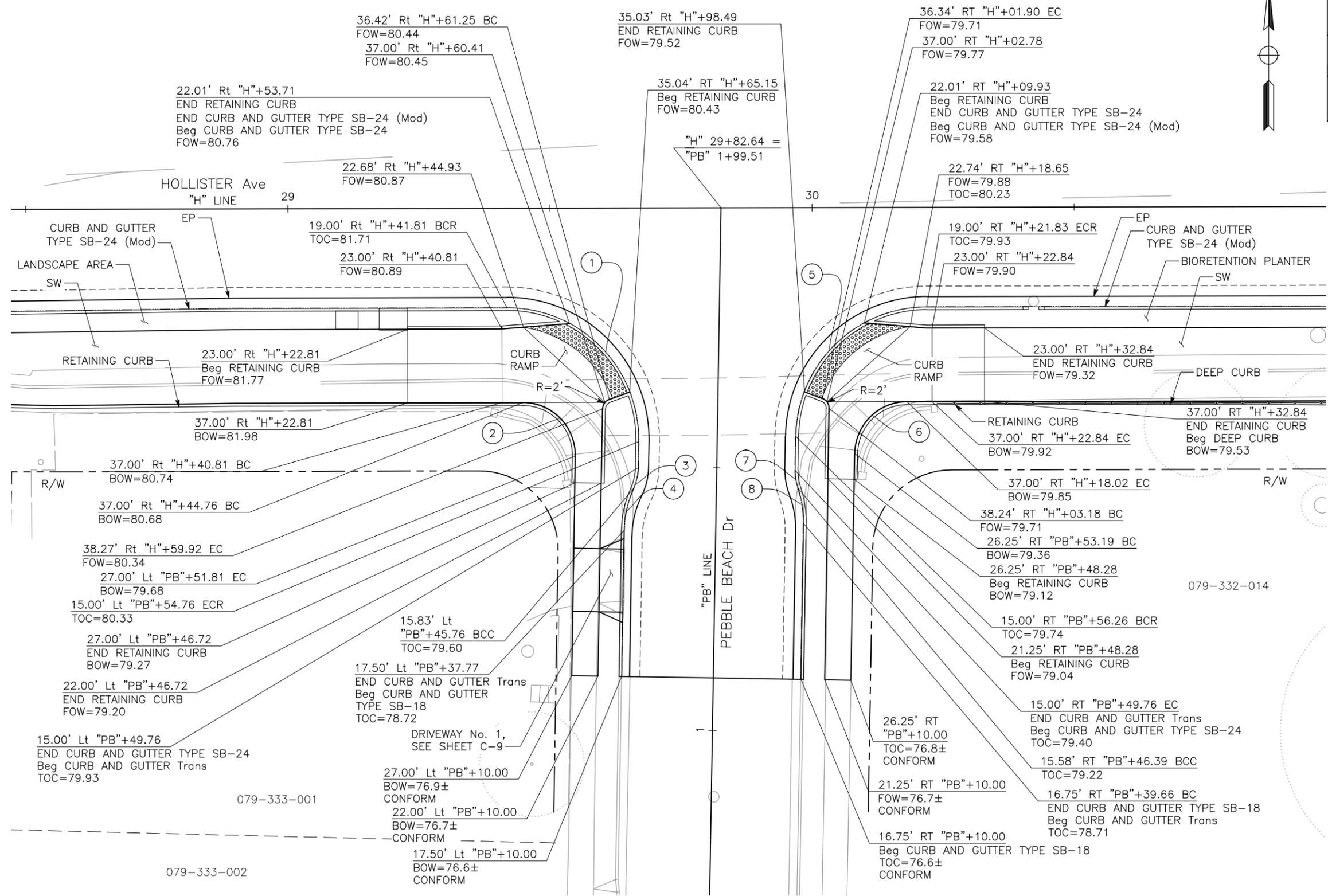
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NOTES:

- SEE SHEET C-15 TO C-22 FOR PAVEMENT REHABILITATION STRATEGY.
- SEE CONTOUR GRADING PLANS FOR LIMITS OF HMA LEVELING.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			16	112

REGISTERED CIVIL ENGINEER DATE 12/14/16
 F. JOSE SILVA No. 55267 Exp. 9/30/18 CIVIL
 PLANS APPROVAL DATE
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 CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



No.	R	Δ	T	L
1	25'	91°04'25"	25.47'	39.74'
2	10'	91°04'25"	10.19'	15.90'
3	10'	23°33'22"	2.09'	4.11'
4	20'	23°33'25"	4.17'	8.22'
5	25'	88°55'35"	24.54'	38.80'
6	10'	88°55'33"	9.81'	15.52'
7	10'	19°40'00"	1.73'	3.43'
8	20'	19°40'01"	3.47'	6.87'

**PEBBLE BEACH Dr
INTERSECTION DETAIL**

SCALE: 1"=10'

CONSTRUCTION DETAILS
SCALE AS SHOWN

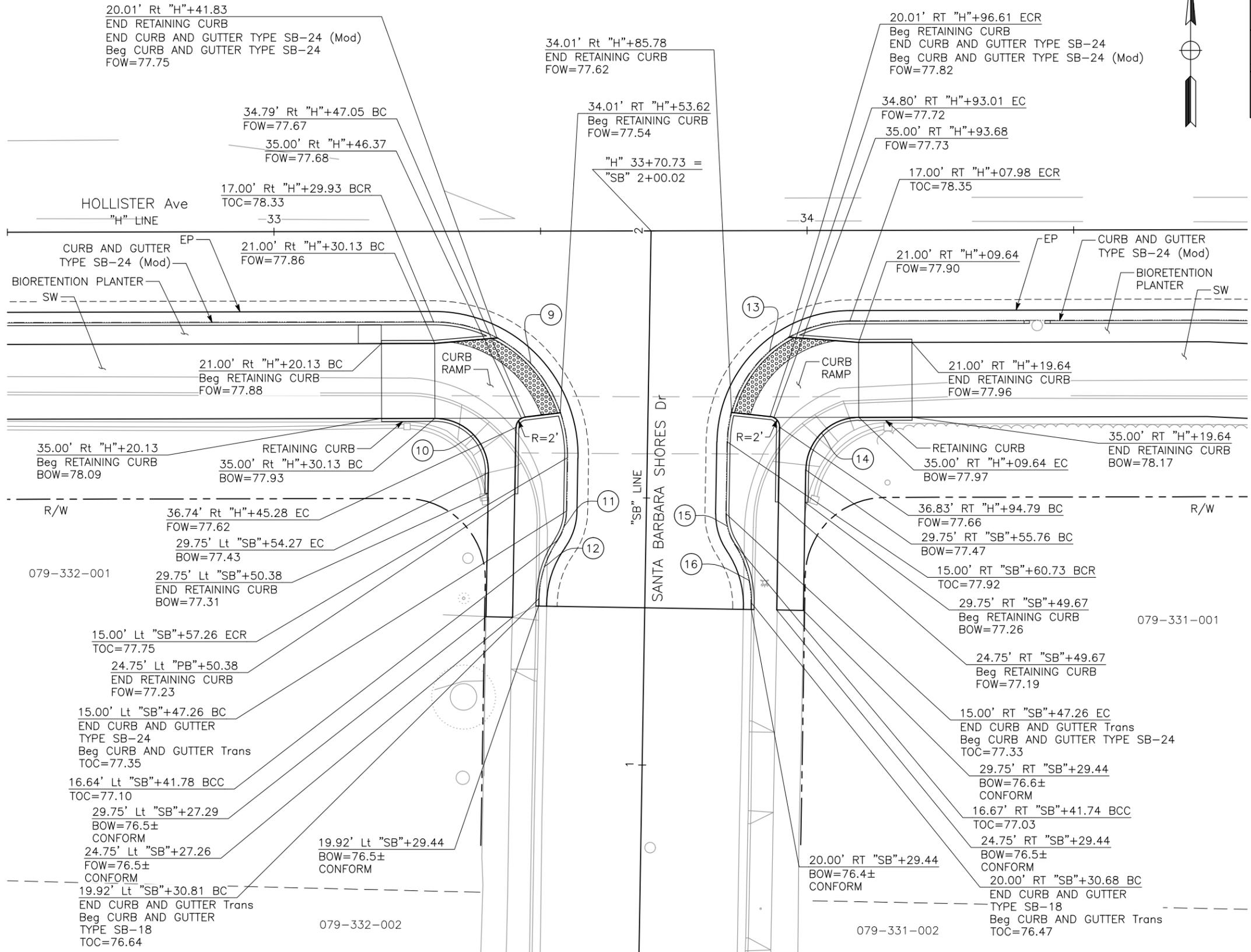
C-1

DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 12:52 pm

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NOTES:

- SEE SHEET C-15 TO C-22 FOR PAVEMENT REHABILITATION STRATEGY.
- SEE CONTOUR GRADING PLANS FOR LIMITS OF HMA LEVELING.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			17	112

REGISTERED CIVIL ENGINEER DATE 12/14/16

F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



CURVE DATA				
No.	R	Δ	T	L
9	25'	91°04'25"	25.47'	39.74'
10	10'	91°04'25"	10.19'	15.90'
11	10'	33°16'08"	2.99'	5.81'
12	20'	33°16'04"	5.98'	11.61'
13	23'	88°55'35"	22.57'	35.70'
14	10'	88°55'35"	9.81'	15.52'
15	10'	33°33'26"	3.02'	5.86'
16	20'	33°33'26"	6.03'	11.71'

SANTA BARBARA SHORES Dr INTERSECTION DETAIL

SCALE: 1"=10'

CONSTRUCTION DETAILS

SCALE AS SHOWN

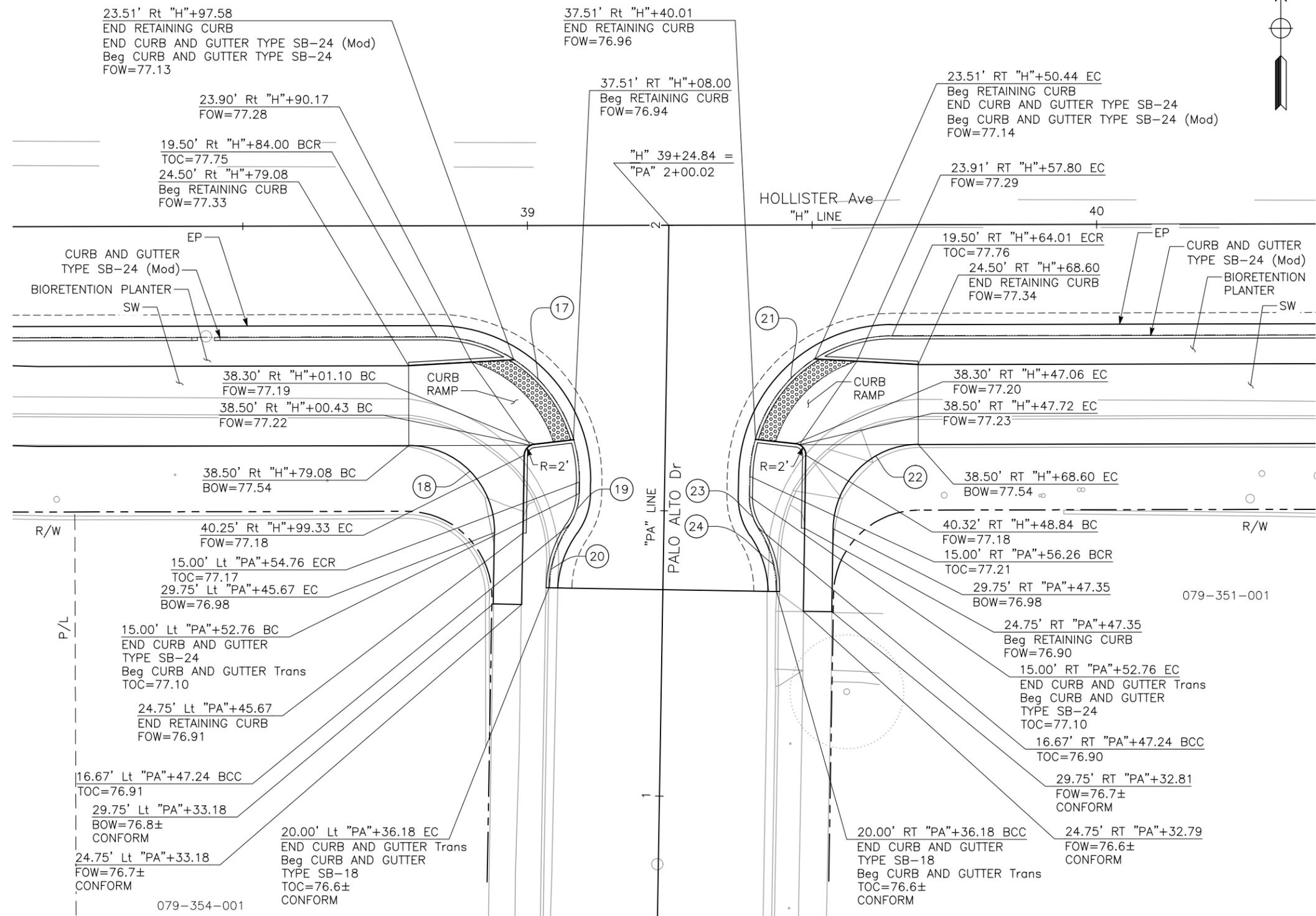
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DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 12:52 pm

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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED/DESIGNED BY C.SALILICAN/A.BOYES	REVISOR BY A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CHECKED BY A. CASTLE-KEANE	DATE REVISED

- NOTES:**
- SEE SHEET C-15 TO C-22 FOR PAVEMENT REHABILITATION STRATEGY.
 - SEE CONTOUR GRADING PLANS FOR LIMITS OF HMA LEVELING.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			18	112

12/14/16
DATE

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

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CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670
--	---

CURVE DATA				
No.	R	Δ	T	L
17	25'	91°04'34"	25.47'	39.74'
18	15'	91°04'25"	15.28'	23.84'
19	10'	33°33'26"	3.02'	5.86'
20	20'	33°33'26"	6.03'	11.71'
21	25'	88°55'35"	24.54'	38.80'
22	15'	88°55'35"	14.72'	23.28'
23	10'	33°33'31"	3.02'	5.86'
24	20'	33°33'28"	6.03'	11.71'

**PALO ALTO Dr
INTERSECTION DETAIL**
SCALE: 1"=10'

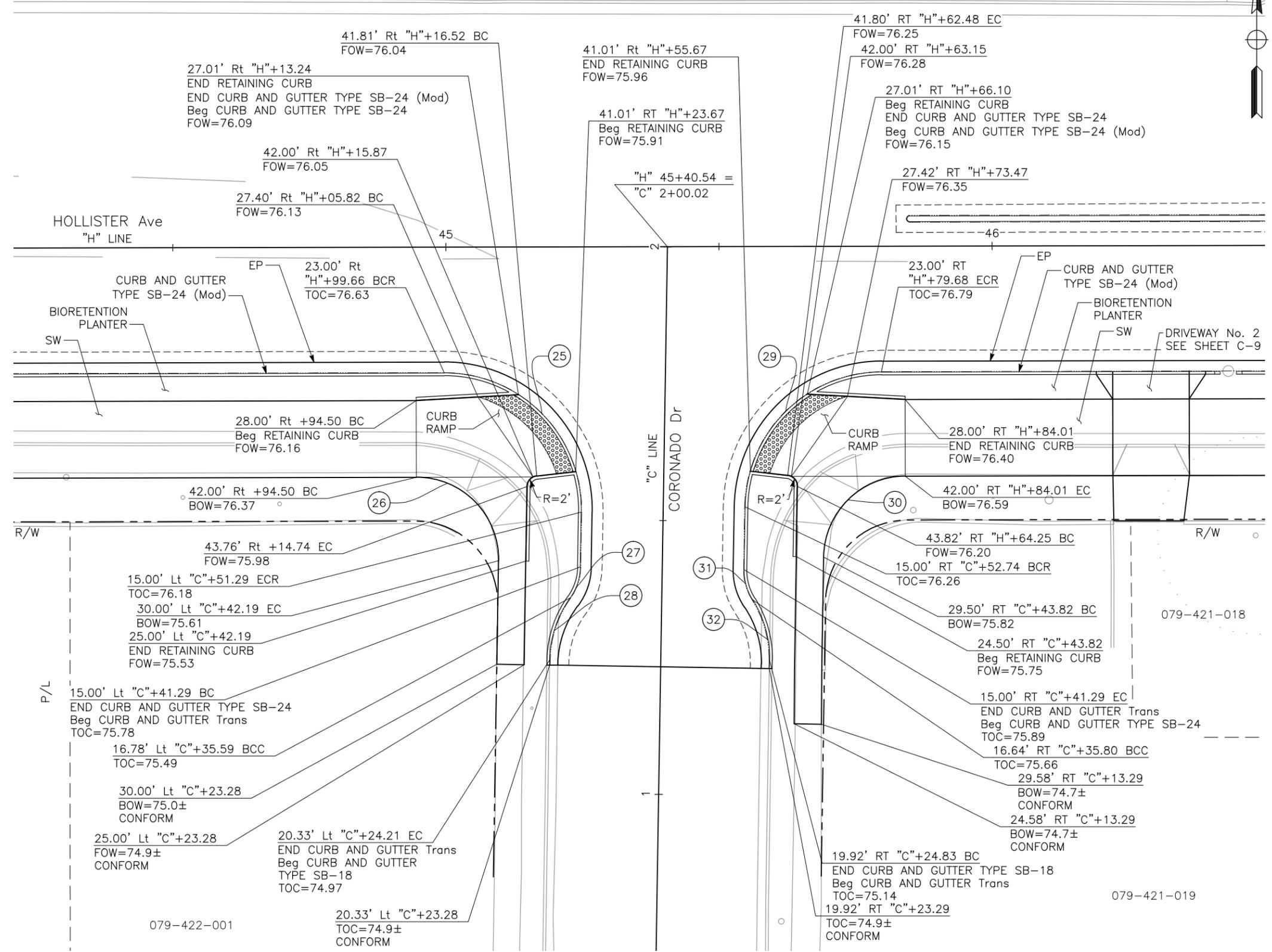
CONSTRUCTION DETAILS
SCALE AS SHOWN
C-3

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 12:52 pm

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DESIGNED BY C. SALILICAN/A. BOYES	REVISOR A. CASTLE-KEANE	CHECKED BY JOSE SILVA	DATE REVISION
CALCULATED BY C. SALILICAN/A. BOYES	REVISOR A. CASTLE-KEANE	CHECKED BY JOSE SILVA	DATE REVISION
CONSULTANT FUNCTIONAL SUPERVISOR CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	REVISOR A. CASTLE-KEANE	CHECKED BY JOSE SILVA	DATE REVISION

- NOTES:**
- SEE SHEET C-15 TO C-22 FOR PAVEMENT REHABILITATION STRATEGY.
 - SEE CONTOUR GRADING PLANS FOR LIMITS OF HMA LEVELING.



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--	---

CURVE DATA				
No.	R	Δ	T	L
25	25'	91°02'18"	25.46'	39.72'
26	15'	91°02'18"	15.27'	23.83'
27	10'	34°41'32"	3.12'	6.05'
28	20'	34°41'32"	6.25'	12.11'
29	25'	88°57'42"	24.55'	38.82'
30	15'	88°57'42"	14.73'	23.29'
31	10'	33°16'06"	2.99'	5.81'
32	20'	33°16'06"	5.98'	11.61'

**CORONADO Dr
INTERSECTION DETAIL**

SCALE: 1"=10'

CONSTRUCTION DETAILS
SCALE AS SHOWN
C-4

DATE PLOTTED => Dec 15, 2016
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NOTES:

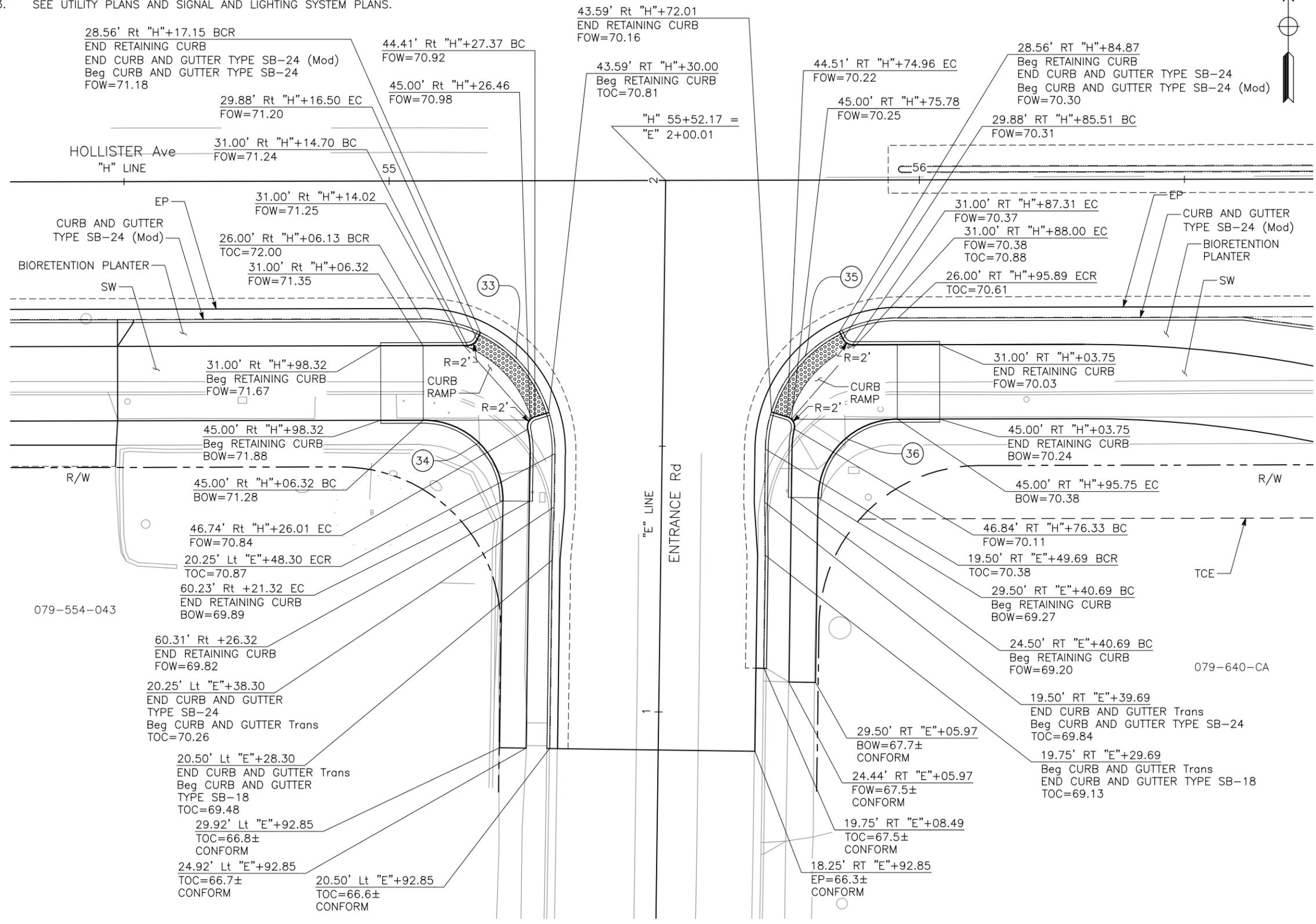
- SEE SHEET C-15 TO C-22 FOR PAVEMENT REHABILITATION STRATEGY.
- SEE CONTOUR GRADING PLANS FOR LIMITS OF HMA LEVELING.
- SEE UTILITY PLANS AND SIGNAL AND LIGHTING SYSTEM PLANS.

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REGISTERED CIVIL ENGINEER **F. JOSE SILVA** No. 55267 Exp. 9/30/18
 DATE 12/14/16
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 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



No.	R	Δ	T	L
33	25'	90°53'25"	25.39'	39.66'
34	15'	90°53'25"	15.23'	23.80'
35	25'	89°06'35"	24.61'	38.88'
36	15'	89°06'33"	14.77'	23.33'

CONSTRUCTION DETAILS

SCALE AS SHOWN



DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 12:52 pm

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DESIGNED BY	REVISOR	DATE
C.SALILICAN/A.BOYES	A. CASTLE-KEANE	
CHECKED BY	DESIGNED BY	DATE
JOSE SILVA	C.SALILICAN/A.BOYES	

- NOTES:**
- SEE SHEET C-15 TO C-22 FOR PAVEMENT REHABILITATION STRATEGY.
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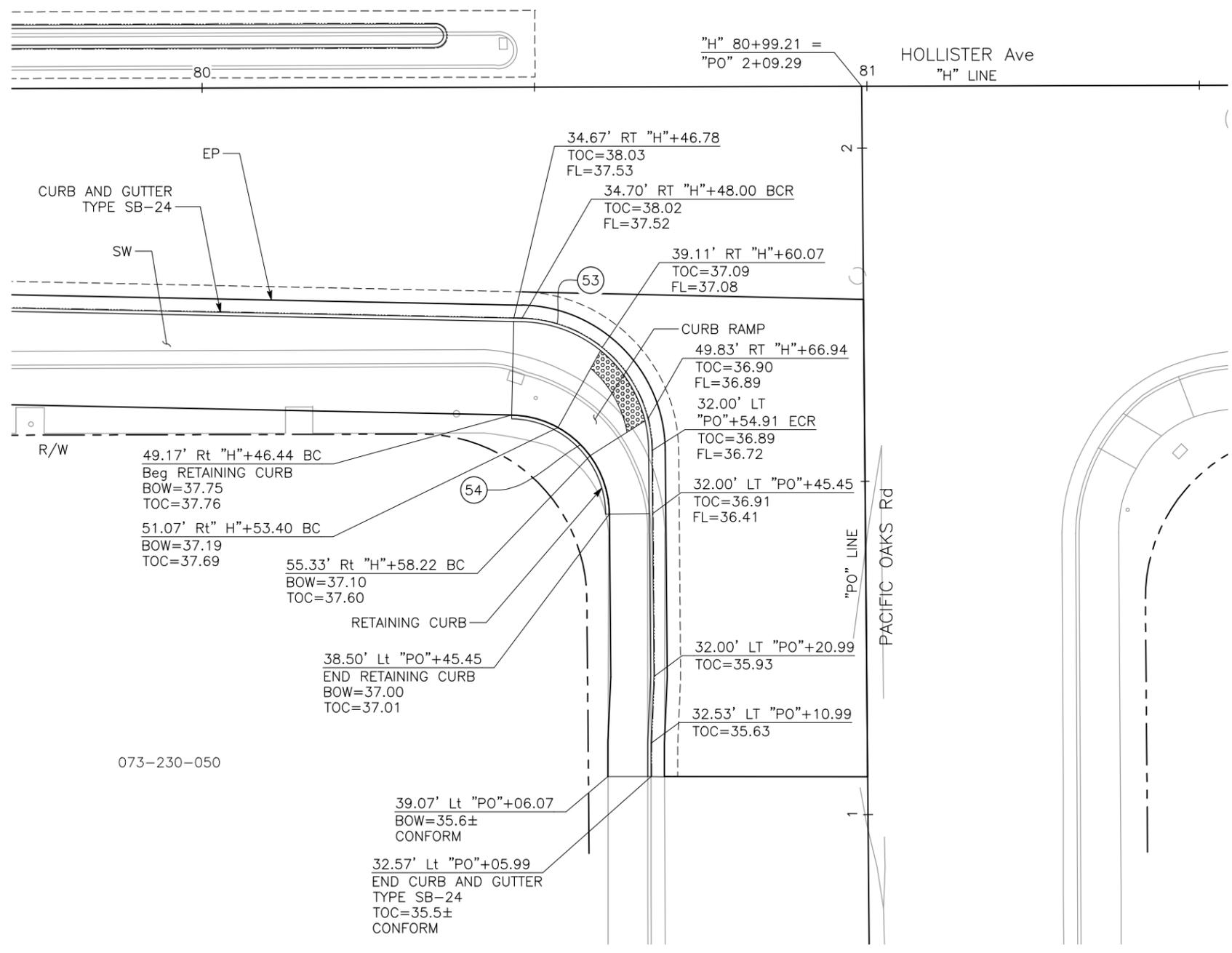
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DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



CURVE DATA

No.	R	Δ	T	L
53	20'	88°20'03"	19.43'	30.83'
54	15'	88°20'03"	14.57'	23.13'

PACIFIC OAKS Rd INTERSECTION DETAIL
SCALE: 1"=10'

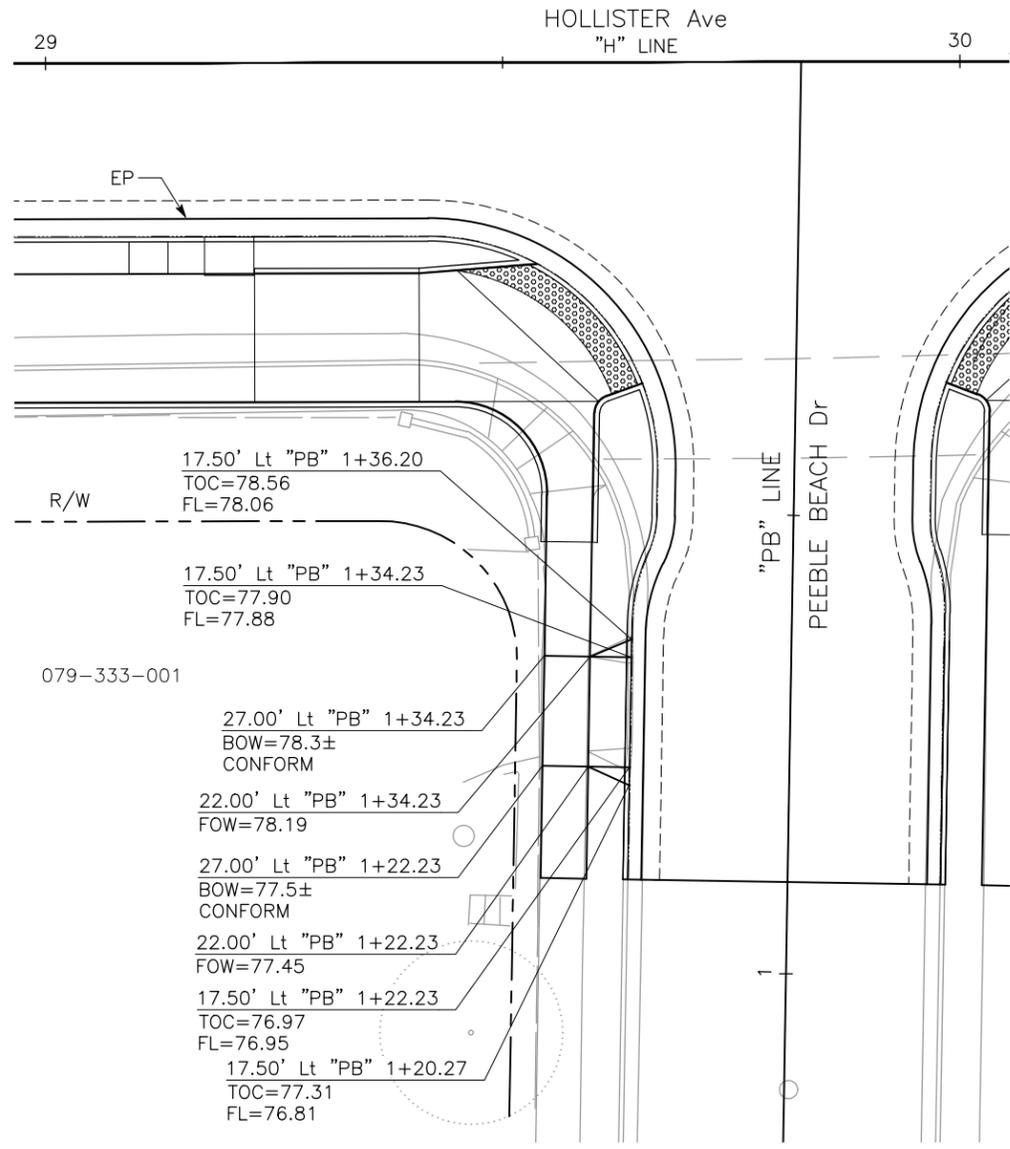
CONSTRUCTION DETAILS
SCALE AS SHOWN

DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 12:52 pm

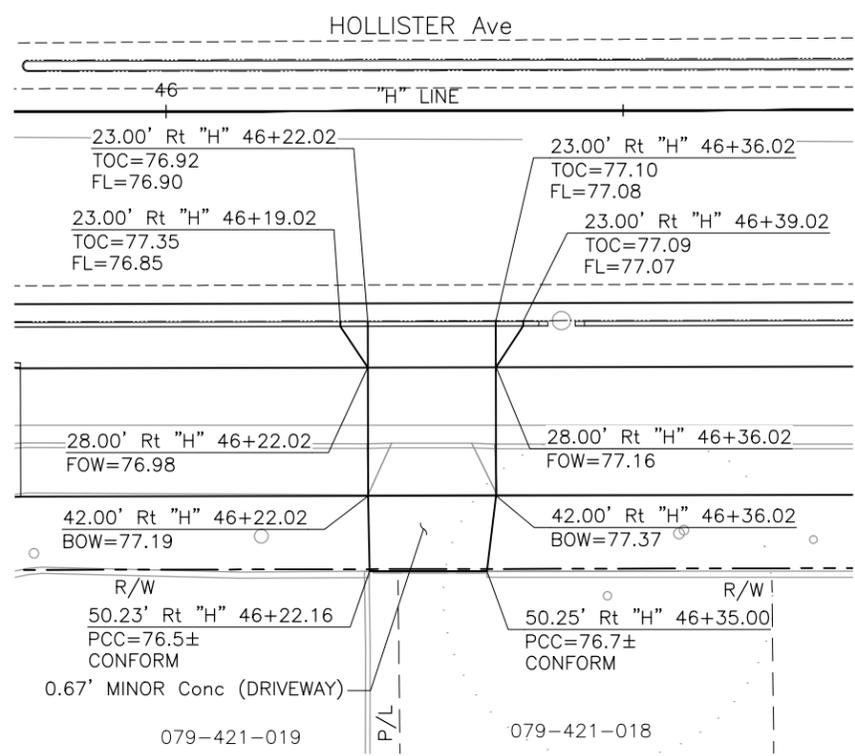
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DESIGNED BY	C.SALILICAN
CHECKED BY	A. CASTLE-KEANE
REVISIONS	
REVISOR	
DATE	
BY	
DATE	

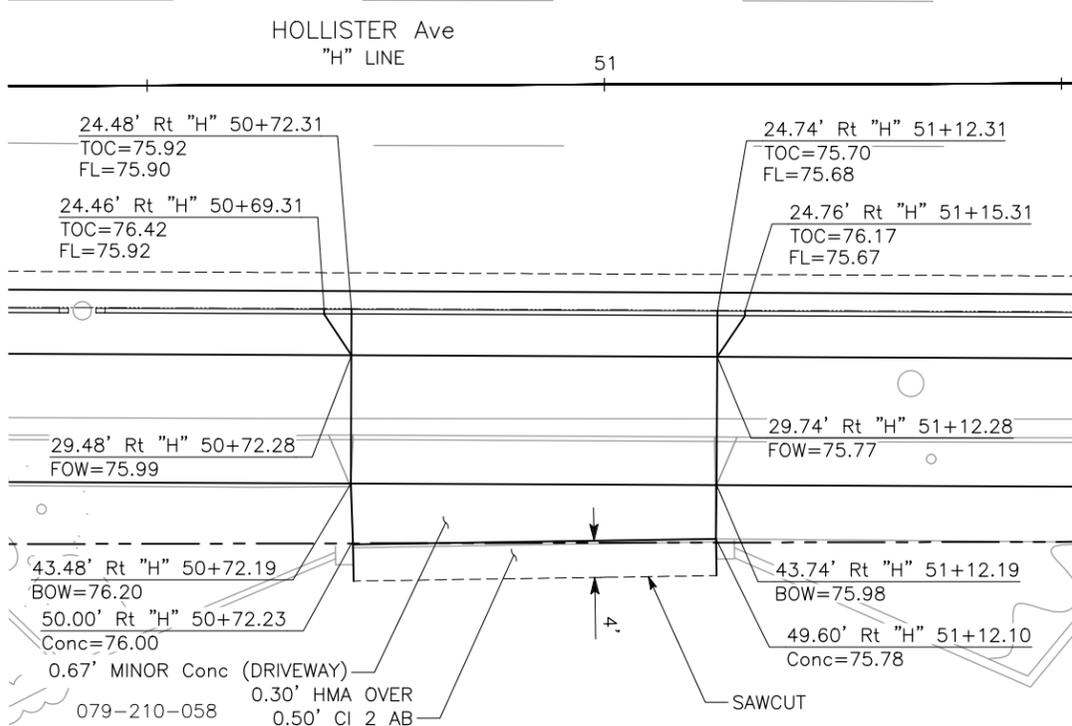
- NOTE:**
- UNLESS OTHERWISE NOTED, OFFSET REFERENCES ARE TO THE TOP FACE OF CURB.
 - SEE DROP CURB DRIVEWAY TYPE 3 (Mod) DETAIL ON SHEET C-13.



DRIVEWAY No. 1 DETAIL
SCALE: 1"=10'



DRIVEWAY No. 2 DETAIL
SCALE: 1"=10'



DRIVEWAY No. 3 DETAIL
SCALE: 1"=10'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			24	112

REGISTERED CIVIL ENGINEER DATE 12/14/16

PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670

REGISTERED PROFESSIONAL ENGINEER F. JOSE SILVA No. 55267 Exp. 9/30/18 CIVIL STATE OF CALIFORNIA

CONSTRUCTION DETAILS
SCALE AS SHOWN **C-9**

DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 12:53 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\Plans\HA-R-C_Drivelways.dwg, 12/15/2016 12:53 PM, C.SALILICAN, A. CASTLE-KEANE, JOSE SILVA, CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

NOTE:

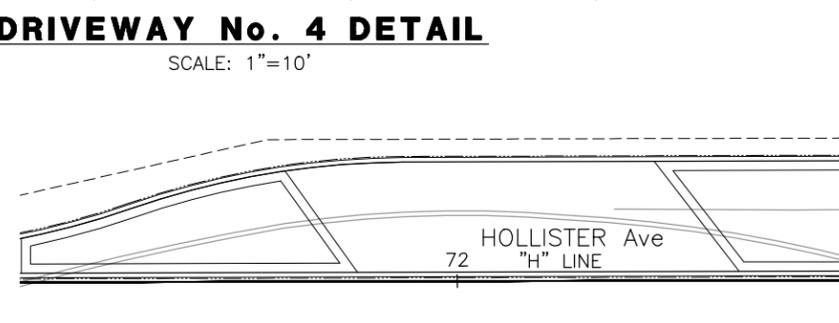
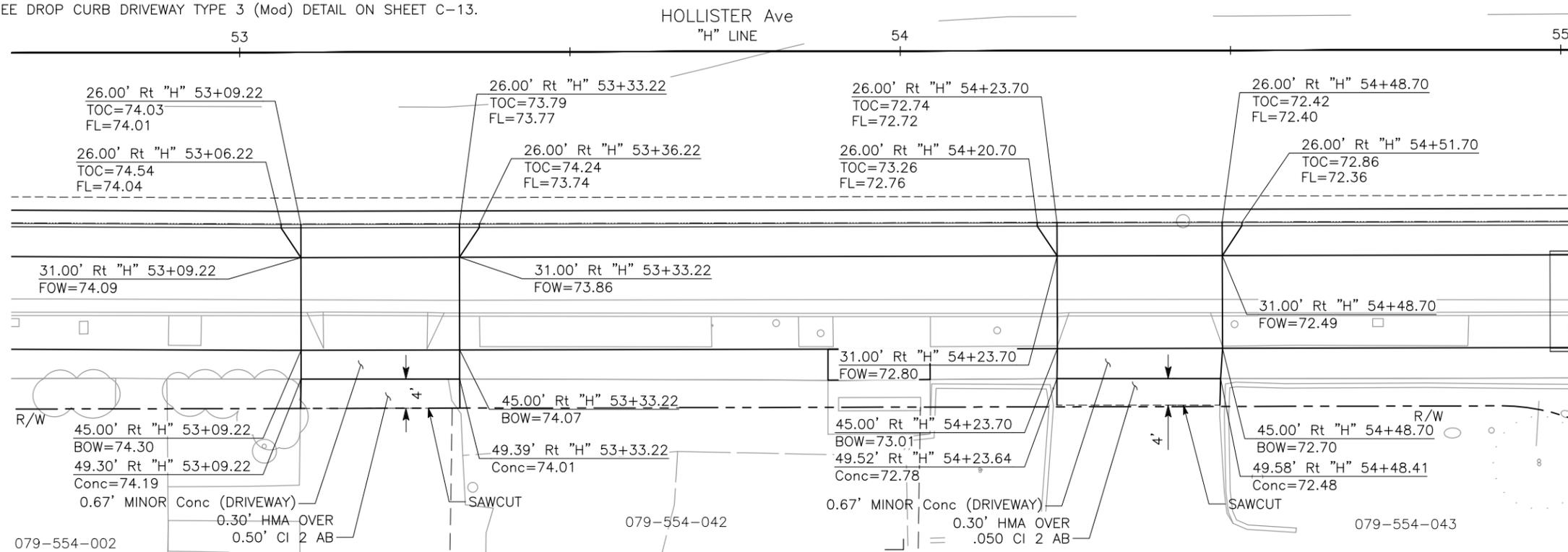
- UNLESS OTHERWISE NOTED, OFFSET REFERENCES ARE TO THE TOP FACE OF CURB.
- SEE DROP CURB DRIVEWAY TYPE 3 (Mod) DETAIL ON SHEET C-13.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			25	112

REGISTERED CIVIL ENGINEER **F. JOSE SILVA** No. 55267 Exp. 9/30/18
 DATE 12/14/16
 PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



CONSTRUCTION DETAILS
SCALE AS SHOWN **C-10**

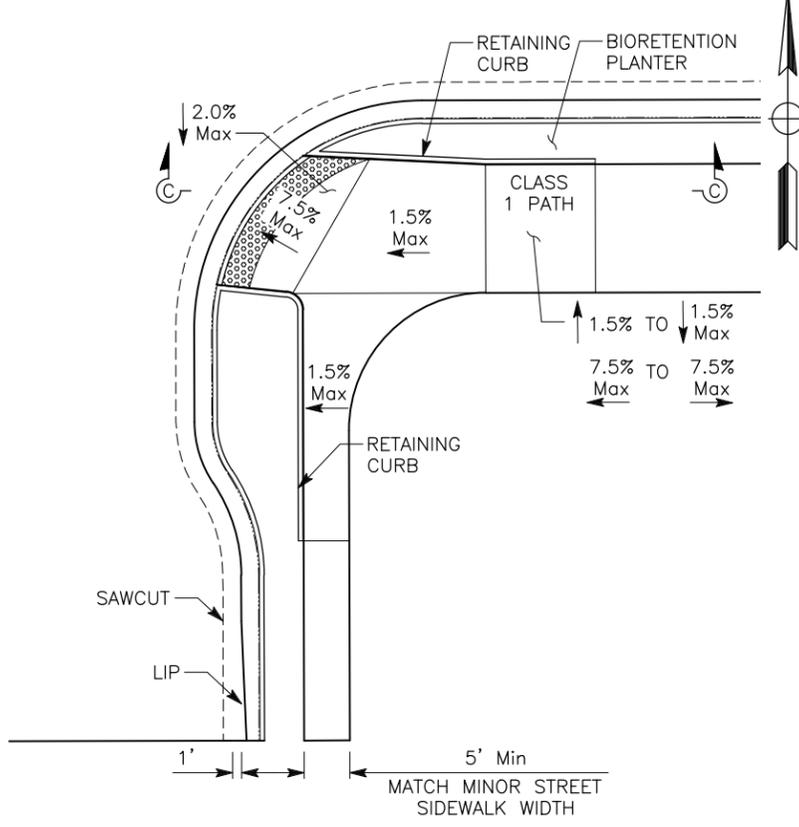
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NOTES:

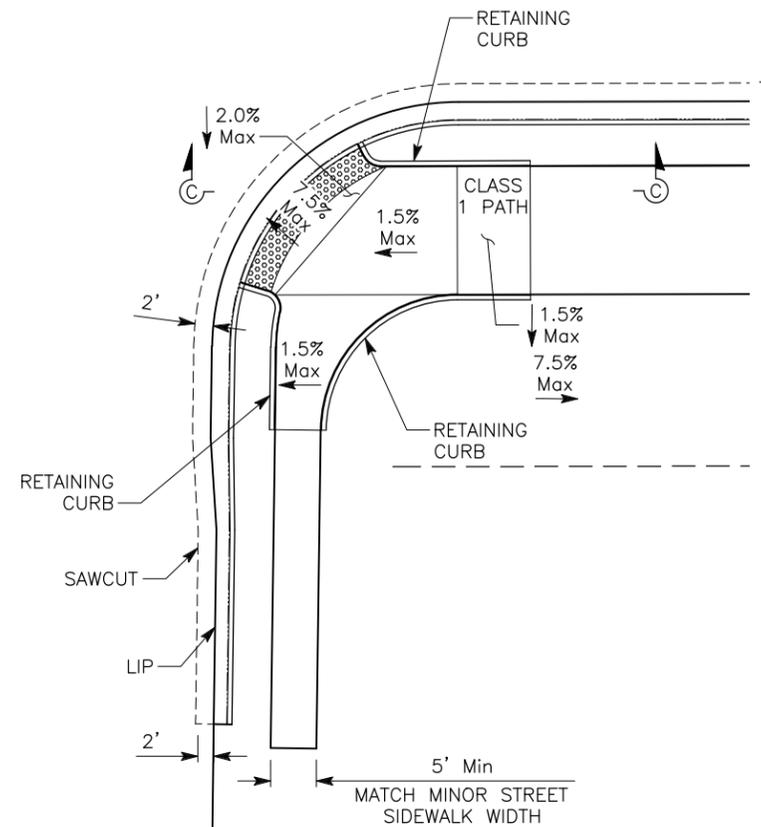
- CURB RAMPS SHALL CONFORM TO COUNTY OF SANTA BARBARA STANDARD DETAIL 5-030.
- DROP CURB DRIVEWAY TYPE 3 (Mod) SHALL CONFORM TO CITY OF GOLETA STANDARD DETAIL 3-090.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			28	112

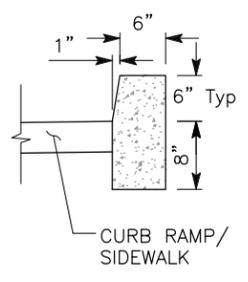
REGISTERED CIVIL ENGINEER DATE 12/14/16
 F. JOSE SILVA No. 55267 Exp. 9/30/18 CIVIL
 PLANS APPROVAL DATE
 THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
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 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



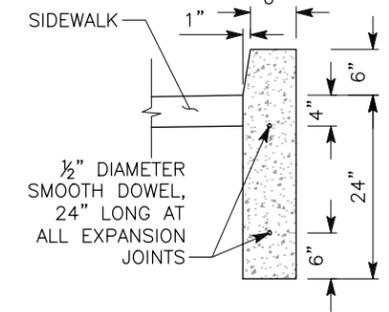
TYPICAL CURB RAMP DETAIL AT STOP-CONTROLLED INTERSECTION
NO SCALE



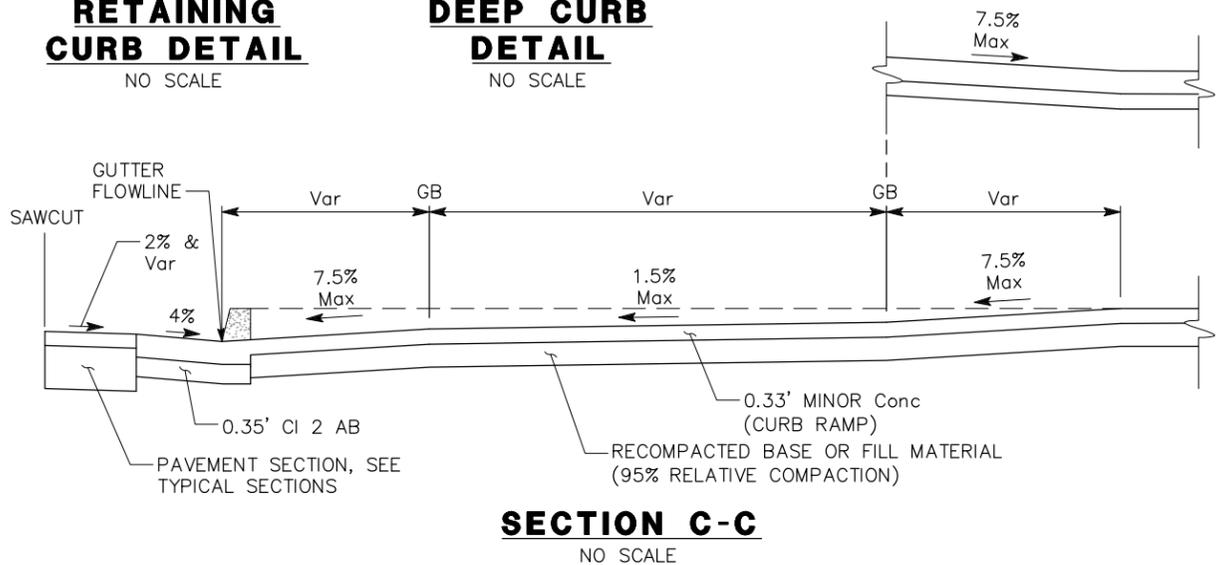
TYPICAL CURB RAMP DETAIL AT ENTRANCE Rd
NO SCALE



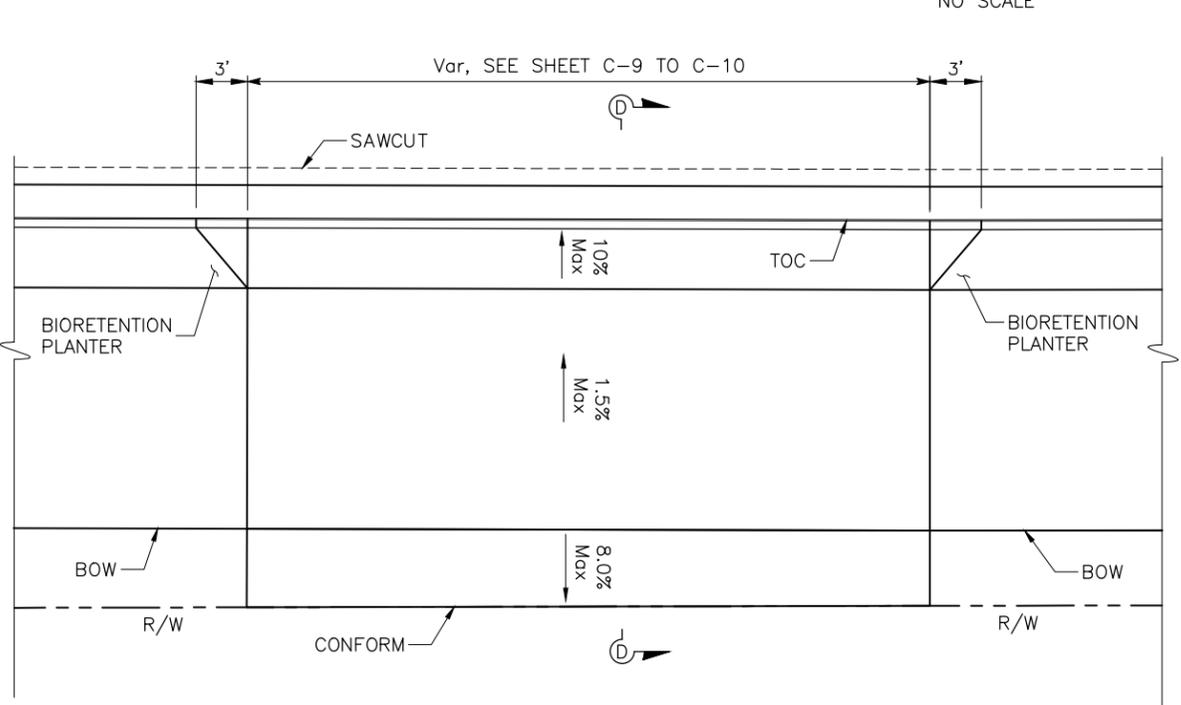
RETAINING CURB DETAIL
NO SCALE



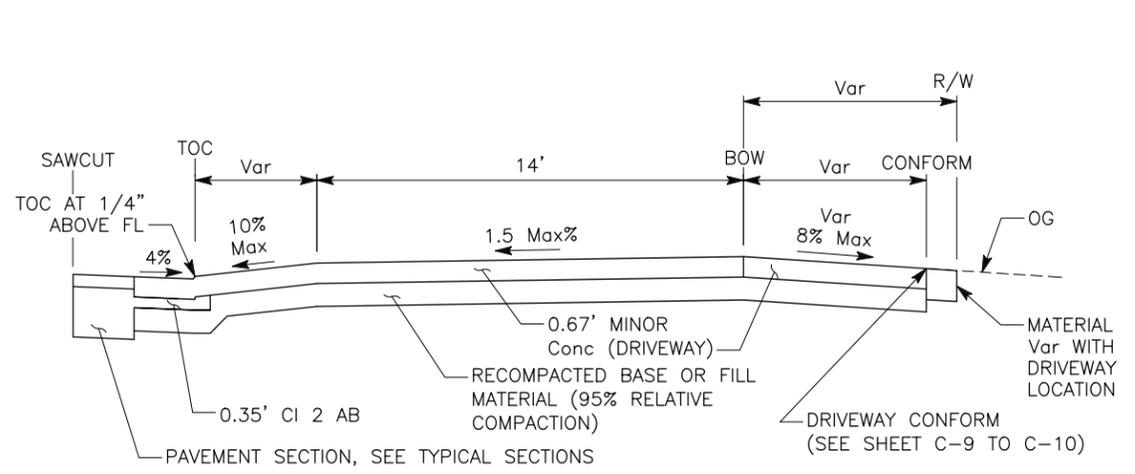
DEEP CURB DETAIL
NO SCALE



SECTION C-C
NO SCALE



DROP CURB DRIVEWAY TYPE 3 (Mod) DETAIL
NO SCALE



SECTION D-D
NO SCALE

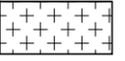
CONSTRUCTION DETAILS
NO SCALE
C-13

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-C_PRS.dwg, 12/15/2016 1:21 PM, C.SALILICAN, A. CASTLE-KEANE, JOSE SILVA, C.SALILICAN, DEPARTMENT OF PUBLIC WORKS

NOTES:

- PAVEMENT REHABILITATION STRATEGY PROVIDED BY PAVEMENT ENGINEERING INC. (PEI).
- DIMENSIONS SHOWN ARE APPROXIMATE ONLY. VERIFY EXACT LIMITS OF PAVEMENT REHABILITATION WORK IN THE FIELD WITH ENGINEER.
- FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.

LEGEND

-  MICRO-SURFACING (TYPE II)
-  4" HMA DIGOUT UNDER MICROSURFACING
-  4" HMA DIGOUT UNDER COLD PLANE
-  3" COLD PLANE & HMA OVERLAY (SEE DETAIL O SHEET C-15)
-  SAWCUT, REMOVE AND REPLACE 2" HMA UNDER 3" COLD PLANE
-  BORING LOCATION

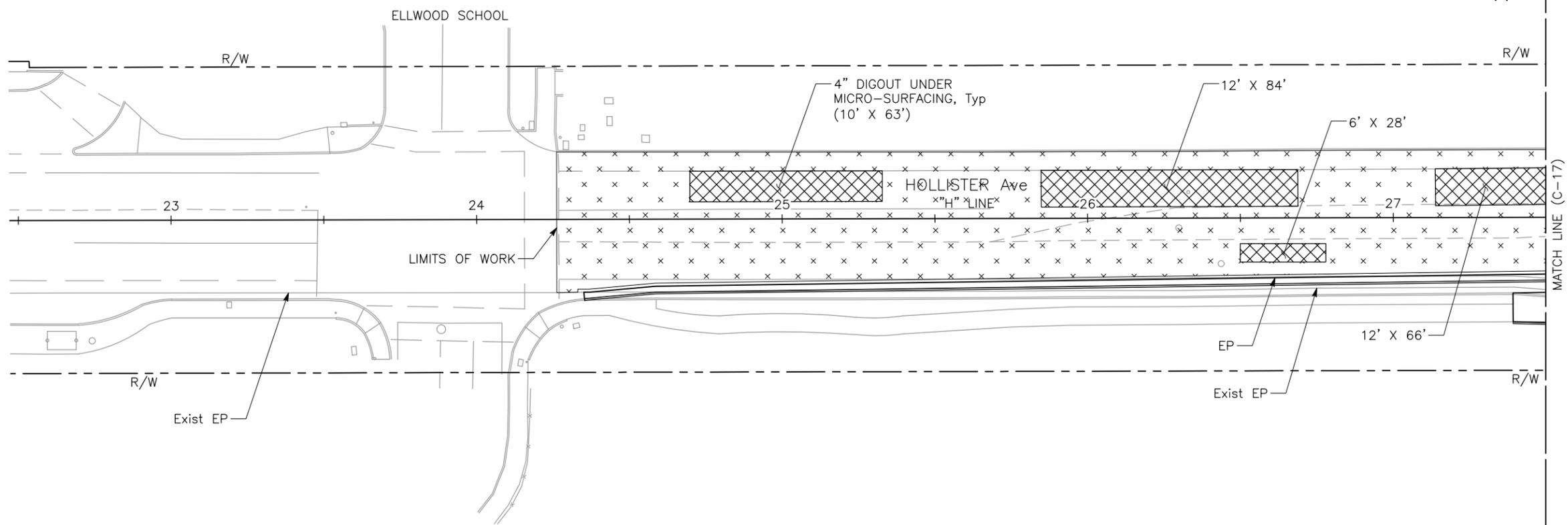
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			31	112

REGISTERED CIVIL ENGINEER  DATE 12/14/16
 PLANS APPROVAL DATE
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



PAVEMENT REHABILITATION CONSTRUCTION DETAILS

SCALE 1"=20'

C-16

LAST REVISION DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 1:21 pm
 06-05-16

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-C_PRS.dwg, 12/15/2016 1:21 PM,
 C.SALILICAN
 A. CASTLE-KEANE
 JOSE SILVA
 DEPARTMENT OF PUBLIC WORKS

NOTE:
1. SEE SHEET C-16 FOR NOTES.

CORING LOG				
NO	AC	AB	FABRIC	R VALUE
C3	7-1/2"	4	NO	---
C10	11-1/2"	12-1/2"	NO	---

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			34	112

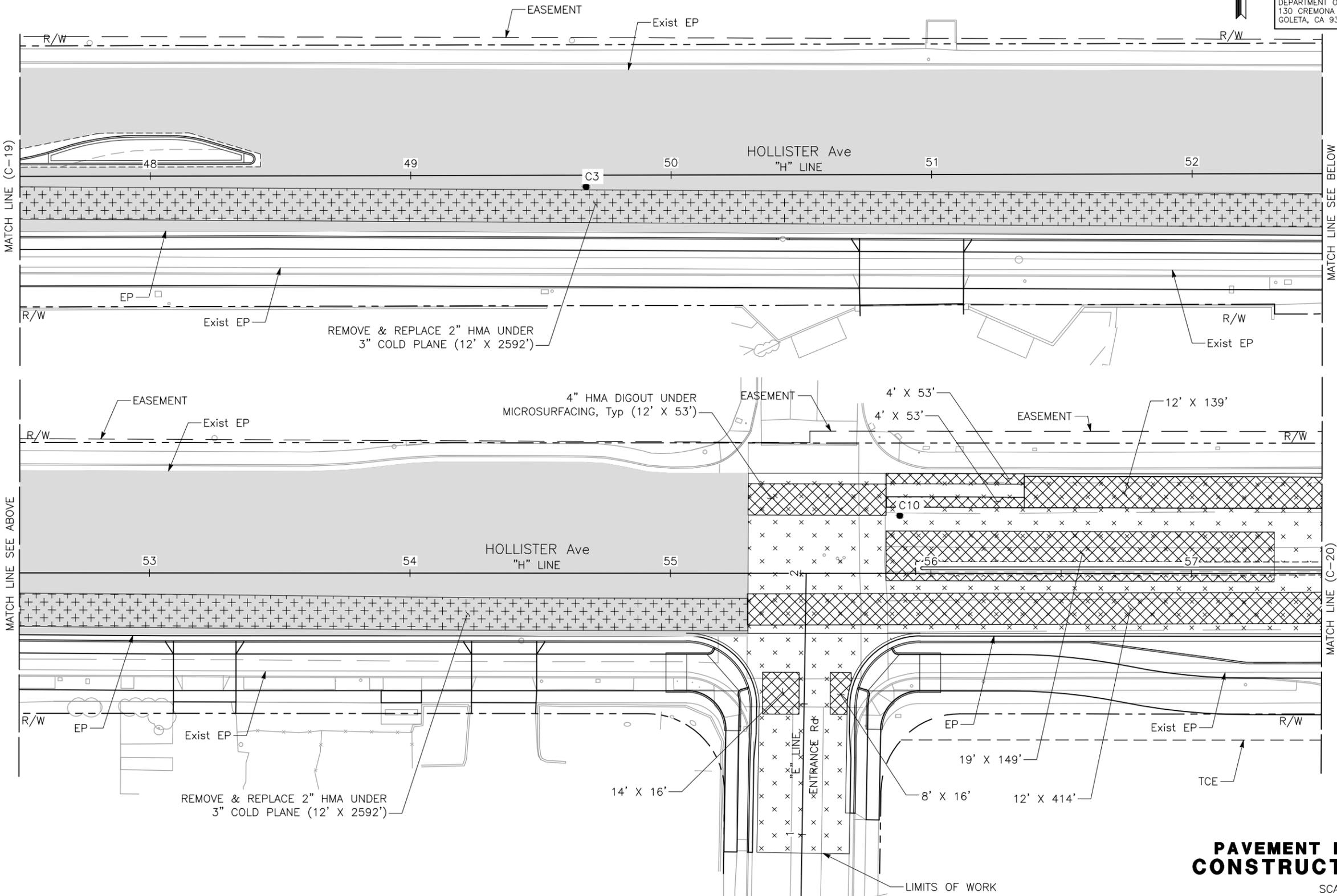
REGISTERED CIVIL ENGINEER **F. JOSE SILVA**
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

12/14/16
 DATE
 PLANS APPROVAL DATE

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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



PAVEMENT REHABILITATION CONSTRUCTION DETAILS

SCALE 1"=20'

LAST REVISION
 DATE PLOTTED => Dec 15, 2016
 TIME PLOTTED => 1:21 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-C_PRS.dwg, 12/15/2016 1:21 PM,
 C.SALILICAN
 A. CASTLE-KEANE
 JOSE SILVA
 CONSULTANT FUNCTIONAL SUPERVISOR
 CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

NOTE:
 1. SEE SHEET C-16 FOR NOTES.

CORING LOG				
NO	AC	AB	FABRIC	R VALUE
C4	9"	3"	YES	---
C5	8"	7"	NO	9
C9	6"	9-1/2"	NO	---

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

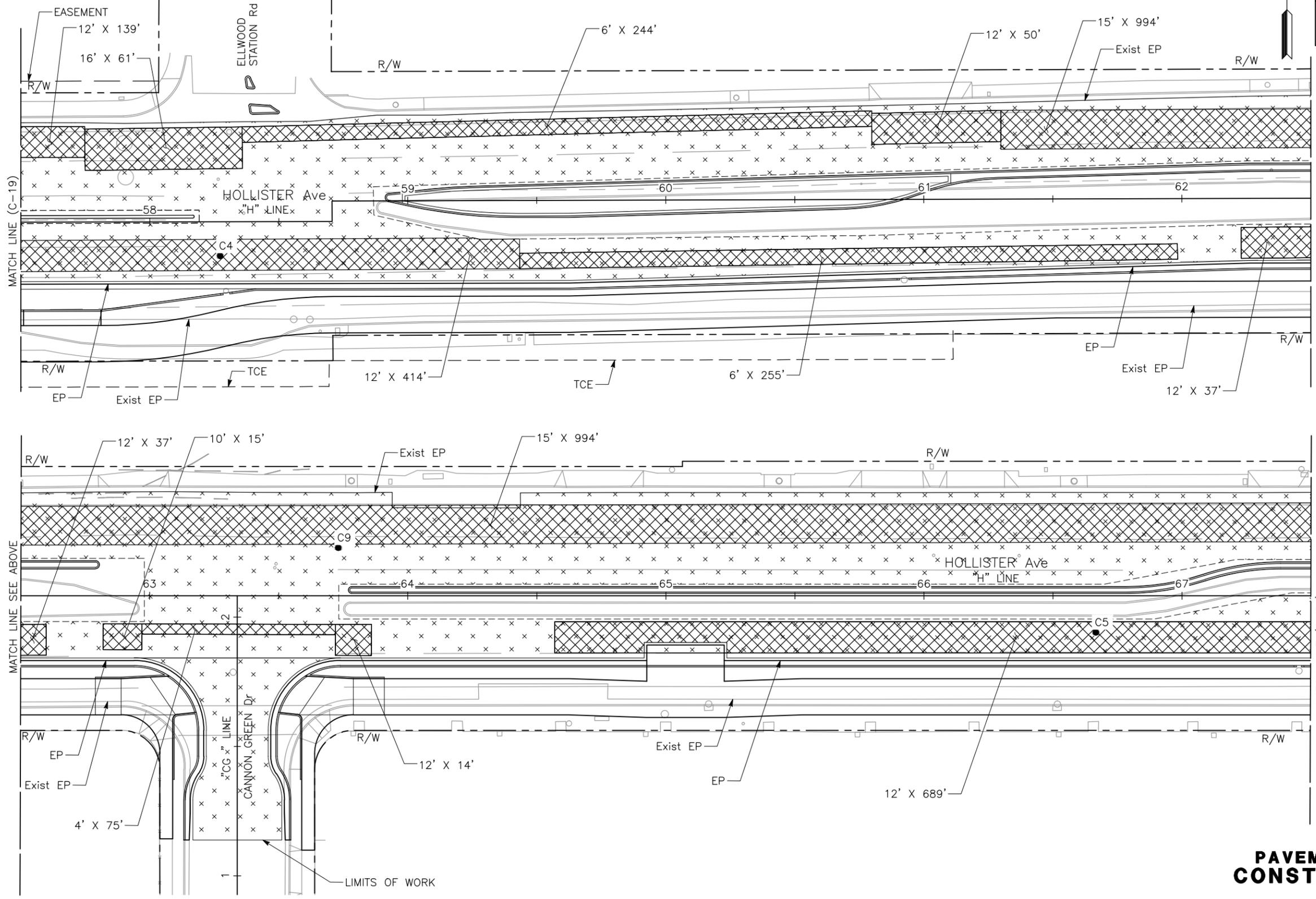
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			35	112

REGISTERED CIVIL ENGINEER
 DATE 12/14/16
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE
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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



**PAVEMENT REHABILITATION
 CONSTRUCTION DETAILS**

SCALE 1"=20'

LAST REVISION: 06-05-16 DATE PLOTTED => 12-15-2016 TIME PLOTTED => 1:21 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-C_PRS.dwg, 12/15/2016 1:22 PM,
 C.SALILICAN
 A. CASTLE-KEANE
 JOSE SILVA
 DEPARTMENT OF PUBLIC WORKS

NOTE:
1. SEE SHEET C-16 FOR NOTES.

CORING LOG				
NO	AC	AB	FABRIC	R VALUE
C7	11-1/2"	---	NO	8

*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

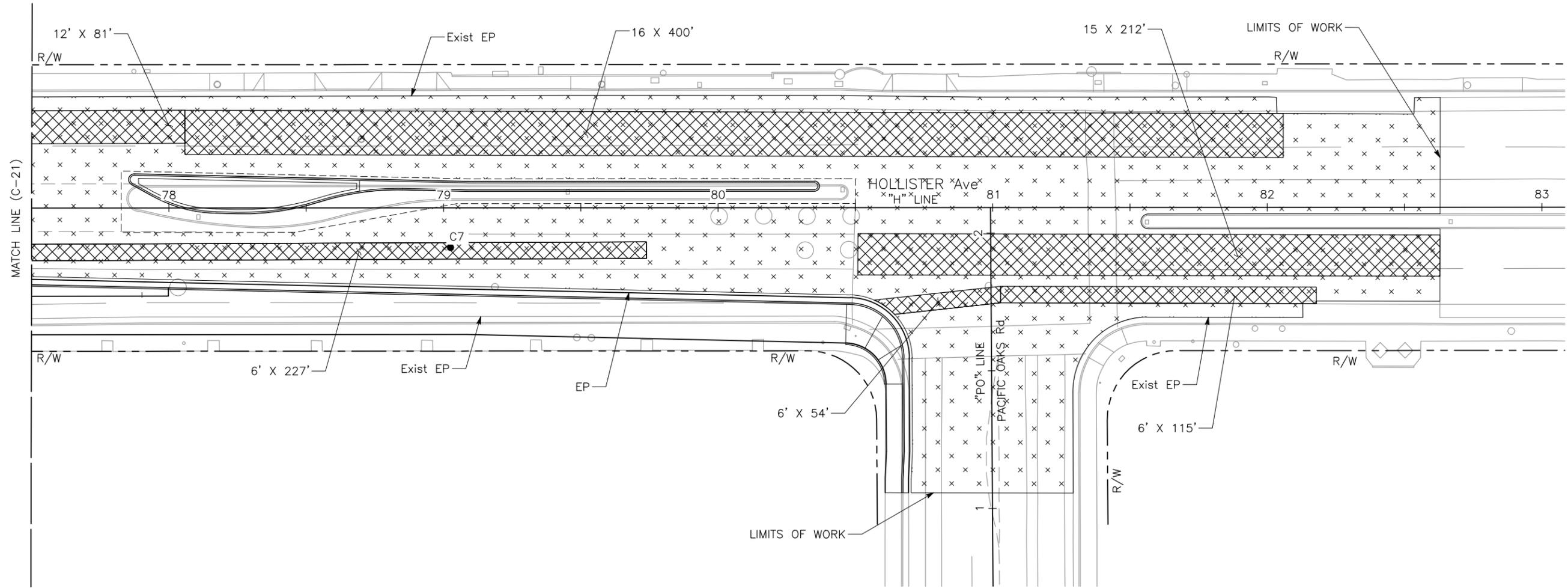
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			37	112

REGISTERED CIVIL ENGINEER *[Signature]* DATE 12/14/16
 PLANS APPROVAL DATE
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



**PAVEMENT REHABILITATION
CONSTRUCTION DETAILS**

SCALE 1"=20'

C-22

LAST REVISION | 06-05-16 | DATE PLOTTED => Dec 15, 2016 | TIME PLOTTED => 1:22 pm

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 CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
 CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA
 DESIGNED BY C. SALILICAN
 CHECKED BY A. CASTLE-KEANE
 REVISED BY
 DATE REVISED

NOTE:
1. CONTOURS SHOWN AT 0.5 FT. INTERVAL.

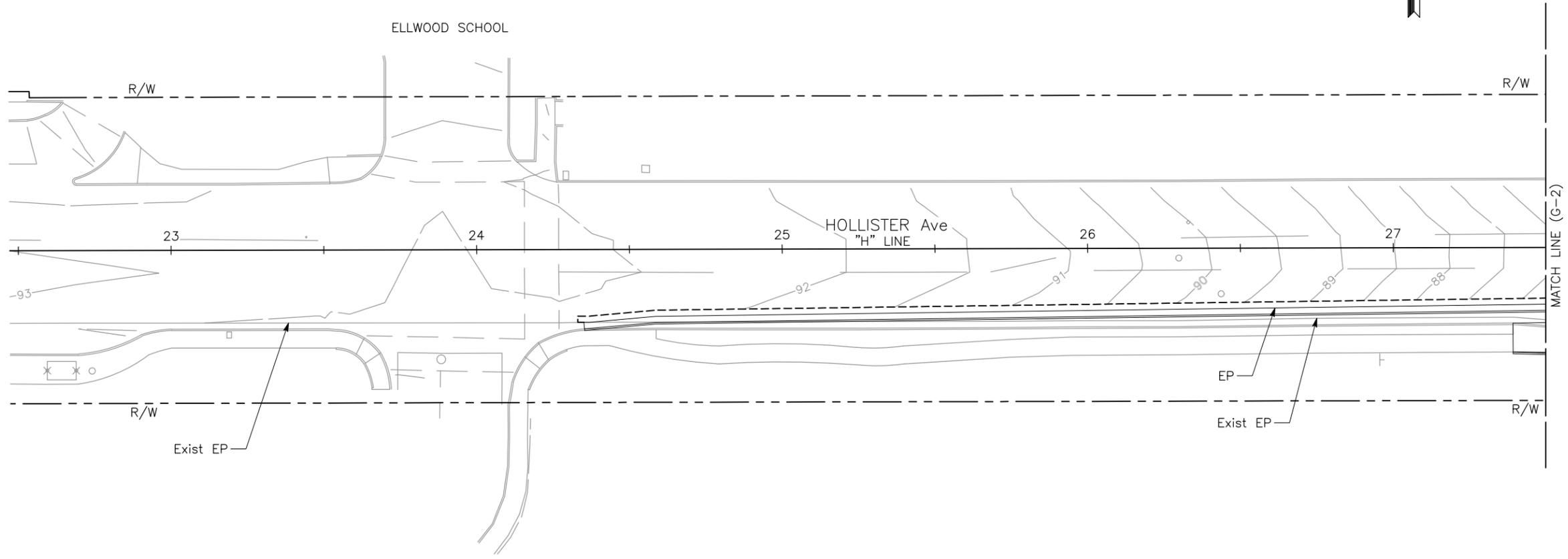
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			38	112

REGISTERED CIVIL ENGINEER *[Signature]* DATE 12/14/16
 PLANS APPROVAL DATE
 REGISTERED PROFESSIONAL ENGINEER
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

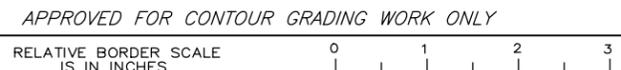
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 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



CONTOUR GRADING PLANS
 SCALE 1"=20'
G-1



LAST REVISION 06-05-16
 DATE PLOTTED => Dec 15, 2016
 TIME PLOTTED => 1:35 pm

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DESIGNED BY C. SALILICAN	REVISOR A. CASTLE-KEANE	DATE
CHECKED BY JOSE SILVA	DATE REVISION	

NOTE:
1. CONTOURS SHOWN AT 0.5 FT. INTERVAL.

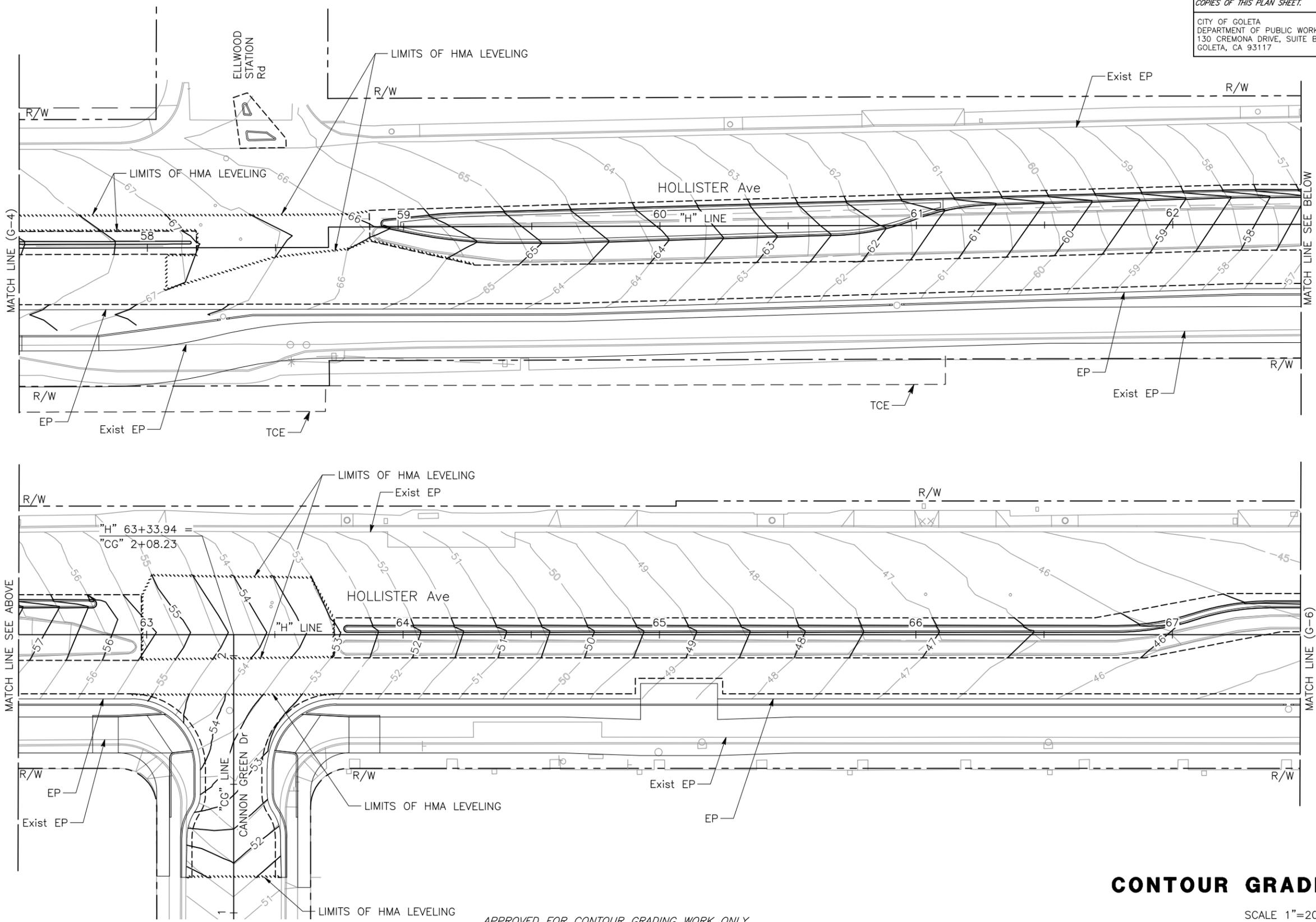
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			42	112

REGISTERED CIVIL ENGINEER **F. JOSE SILVA** No. 55267 Exp. 9/30/18 CIVIL
DATE 12/14/16
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



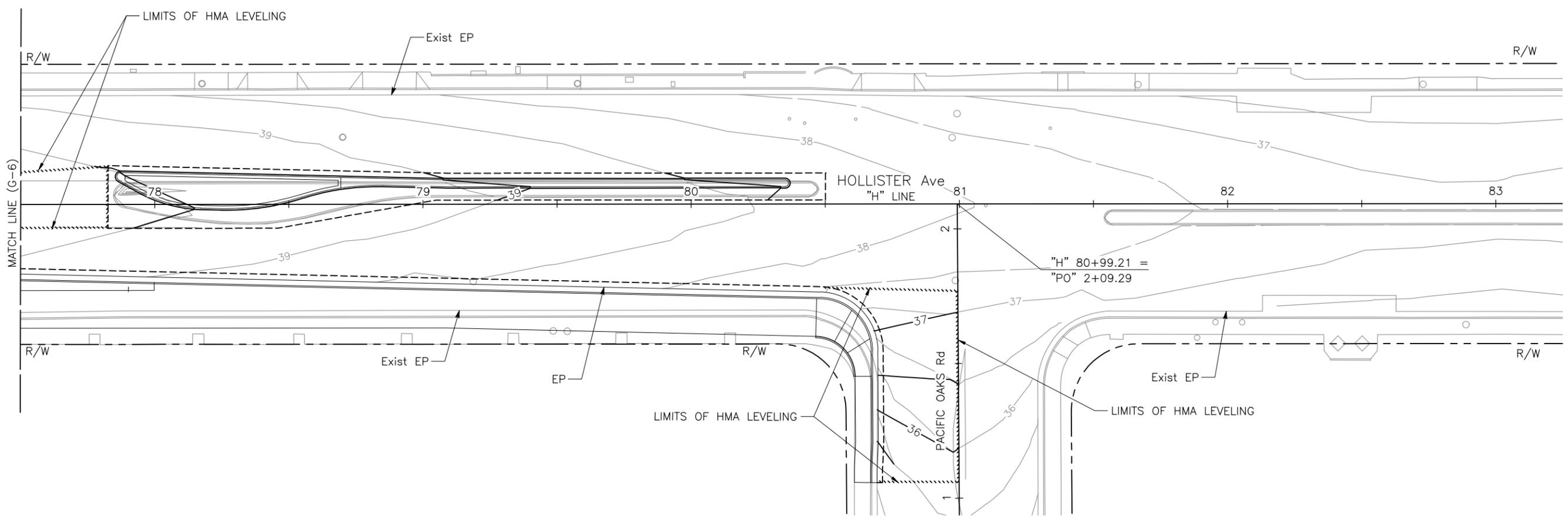
CONTOUR GRADING PLANS
SCALE 1"=20'
G-5

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-G.dwg, 12/15/2016 1:35 PM.
 CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
 CONSULTANT FUNCTIONAL SUPERVISOR
 JOSE SILVA
 CALCULATED/DESIGNED BY
 C. SALILICAN
 CHECKED BY
 A. CASTLE-KEANE
 REVISED BY
 DATE REVISED

NOTE:
 1. CONTOURS SHOWN AT 0.5 FT. INTERVAL.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			44	112

REGISTERED CIVIL ENGINEER DATE 12/14/16
 F. JOSE SILVA No. 55267 Exp. 9/30/18 CIVIL
 PLANS APPROVAL DATE
 THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
 CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



CONTOUR GRADING PLANS
 SCALE 1"=20'
G-7

APPROVED FOR CONTOUR GRADING WORK ONLY

DATE PLOTTED => Dec 15, 2016
 TIME PLOTTED => 1:35 pm

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DESIGNED BY	REVISIONS
A. CASTLE-KEANE	
CHECKED BY	DATE
C. SALILICAN	
DESIGNED BY	REVISIONS
JOSE SILVA	
CHECKED BY	DATE

NOTES:

- FOR COMPLETE RIGHT-OF-WAY DATA SEE CITY RECORDS.
- SEE DRAINAGE PROFILE SHEETS FOR DRAINAGE SYSTEMS.
- SEE UTILITY PLANS FOR UTILITY WORK. UTILITIES SHOWN FOR REFERENCE ONLY.
- VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
- VERIFY ALL EXISTING DRAINAGE STRUCTURES PRIOR TO FABRICATING ANY MATERIAL.
- VERIFY WITH ENGINEER AND ADJUST PERFORATED PLASTIC PIPE WITHIN SWALE LIMITS TO AVOID MANHOLES OR OTHER UTILITIES.
- PROVIDE CAPPED, THREADED CLEANOUTS FOR UNDERDRAINS AT 50' SPACING, AT BENDS, AND AT BEGIN/END PIPE RUNS.
- VERIFY WITH ENGINEER AND ADJUST DRY WELL LOCATIONS TO AVOID UTILITIES.

LEGEND:

-  DRAINAGE SYSTEM NUMBER
-  DRAINAGE ITEM

ABBREVIATIONS:

- PPP PERFORATED PLASTIC PIPE
- P/L PROPERTY LINE
- DI DRAINAGE INLET

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			45	112

REGISTERED CIVIL ENGINEER  DATE 12/14/16

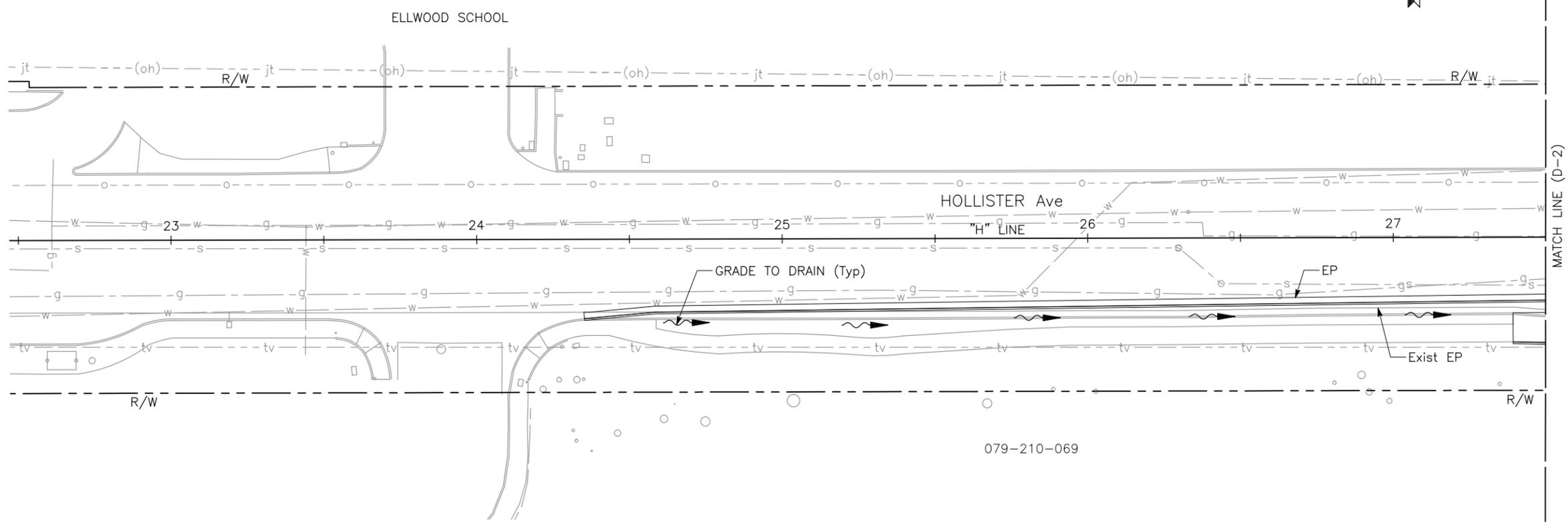
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

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 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



THIS SHEET IS FOR REFERENCE ONLY

DRAINAGE PLAN
 SCALE 1"=20'

APPROVED FOR DRAINAGE WORK ONLY

DATE PLOTTED => Dec 15, 2016
 TIME PLOTTED => 1:50 pm

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DESIGNED BY A. CASTLE-KEANE	CHECKED BY C. SALICIAN	REVISIONS
CALCULATED/DESIGNED BY JOSE SILVA	CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	DATE REVISIONS
CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR	DATE

NOTE:
1. SEE SHEET D-1 FOR NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			46	112

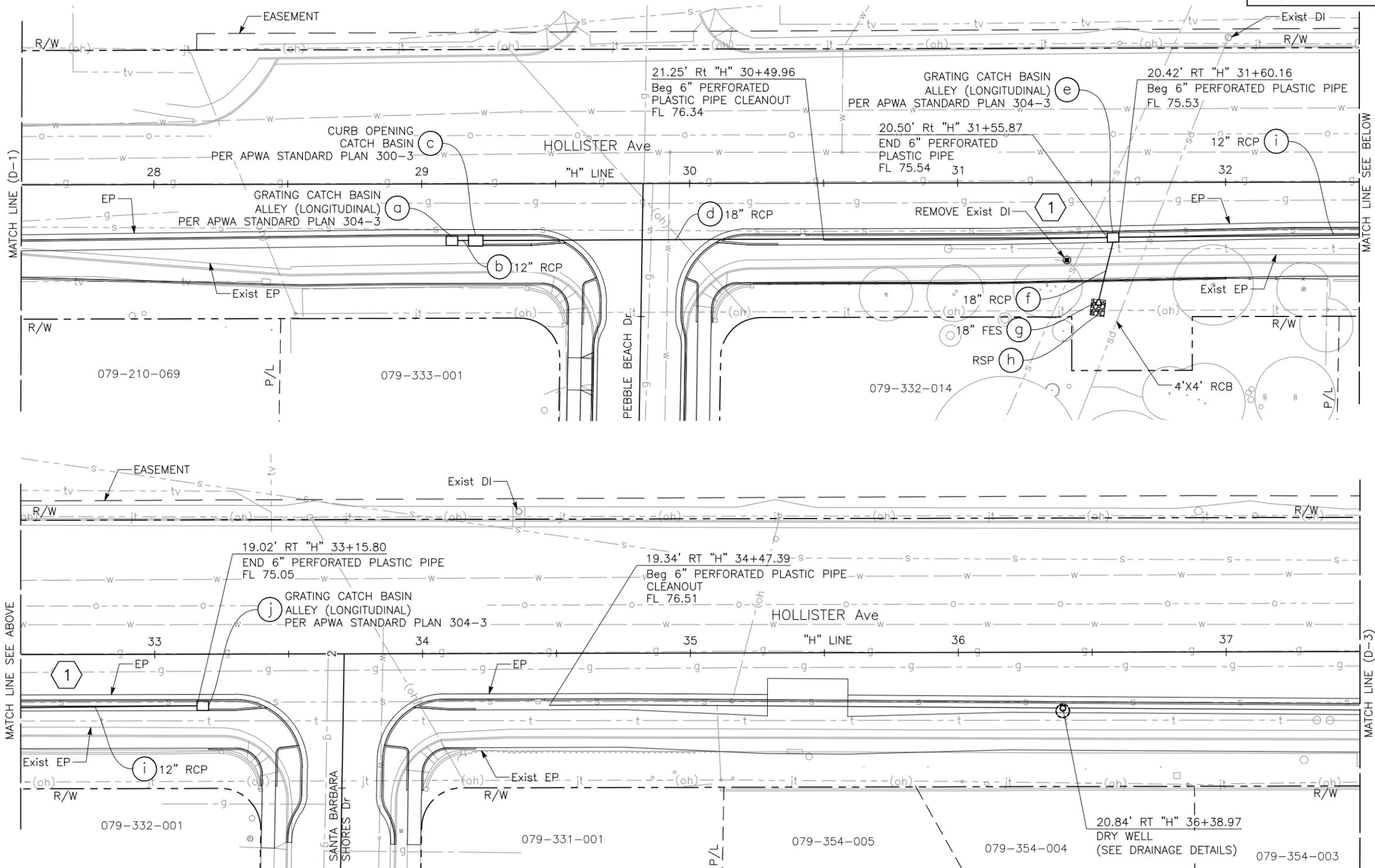
REGISTERED CIVIL ENGINEER
DATE 12/14/16
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



DRAINAGE PLAN
SCALE 1"=20'
D-2

APPROVED FOR DRAINAGE WORK ONLY



DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 1:50 pm

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DESIGNED BY A. CASTLE-KEANE	REVISOR C. SALICIAN
CHECKED BY JOSE SILVA	DATE REVISION

NOTE:
1. SEE SHEET D-1 FOR NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			47	112

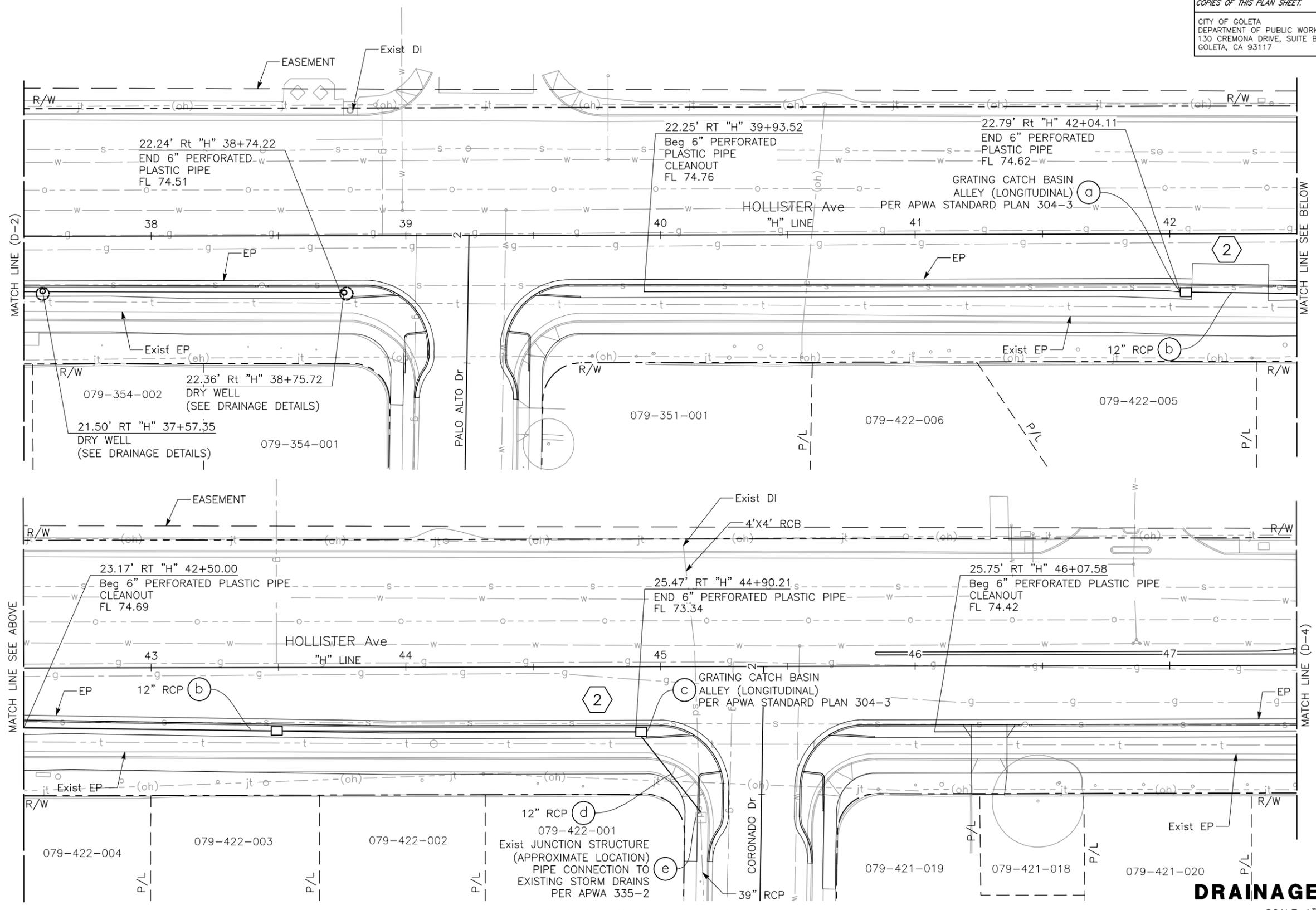
REGISTERED CIVIL ENGINEER
DATE 12/14/16
F. JOSE SILVA
No. 55267
Exp. 9/30/18
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GOLETA, CA 93117

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11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



APPROVED FOR DRAINAGE WORK ONLY

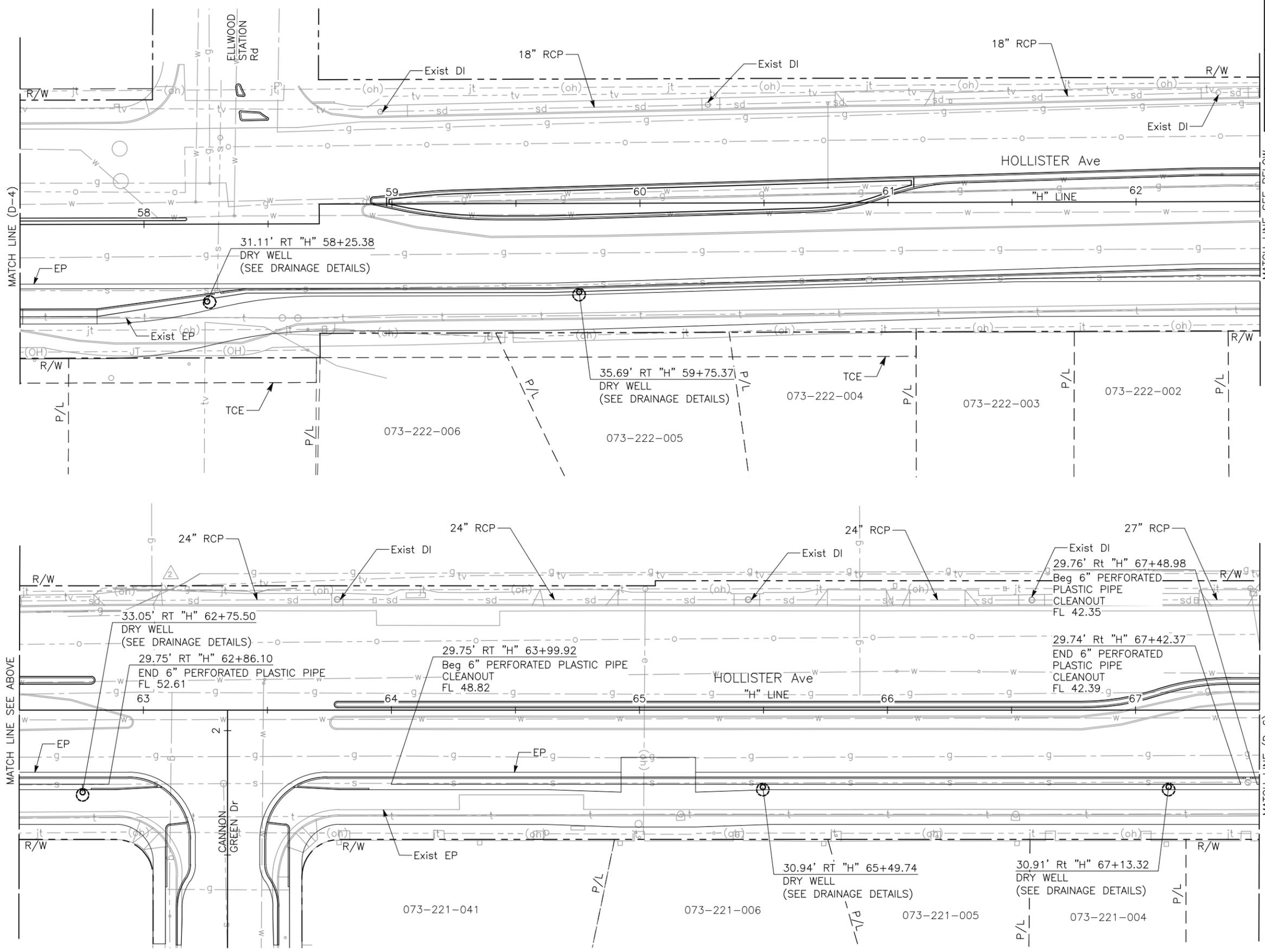
DRAINAGE PLAN
SCALE 1"=20'
D-3

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 1:50 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\HA-R-D.dwg, 12/15/2016 1:50 PM.

DESIGNED BY A. CASTLE-KEANE	CHECKED BY C. SALICIAN	REVISIONS
CALCULATED/DESIGNED BY JOSE SILVA	CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	DATE REVISIONS
CONSULTANT FUNCTIONAL SUPERVISOR	CONTRACT NO.	DATE REVISIONS
REVISOR	PROJECT NO.	DATE REVISIONS

NOTE:
1. SEE SHEET D-1 FOR NOTES.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			49	112

REGISTERED CIVIL ENGINEER
DATE: 12/14/16
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



DRAINAGE PLAN
SCALE 1"=20'
D-5

APPROVED FOR DRAINAGE WORK ONLY

LAST REVISION 06-05-16 DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 1:50 PM

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DESIGNED BY A. CASTLE-KEANE	CHECKED BY C. SALICAN	REVISIONS
DESIGNED BY JOSE SILVA	CHECKED BY	REVISIONS
DESIGNED BY	CHECKED BY	REVISIONS
DESIGNED BY	CHECKED BY	REVISIONS

NOTE:
1. SEE SHEET D-1 FOR NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			50	112

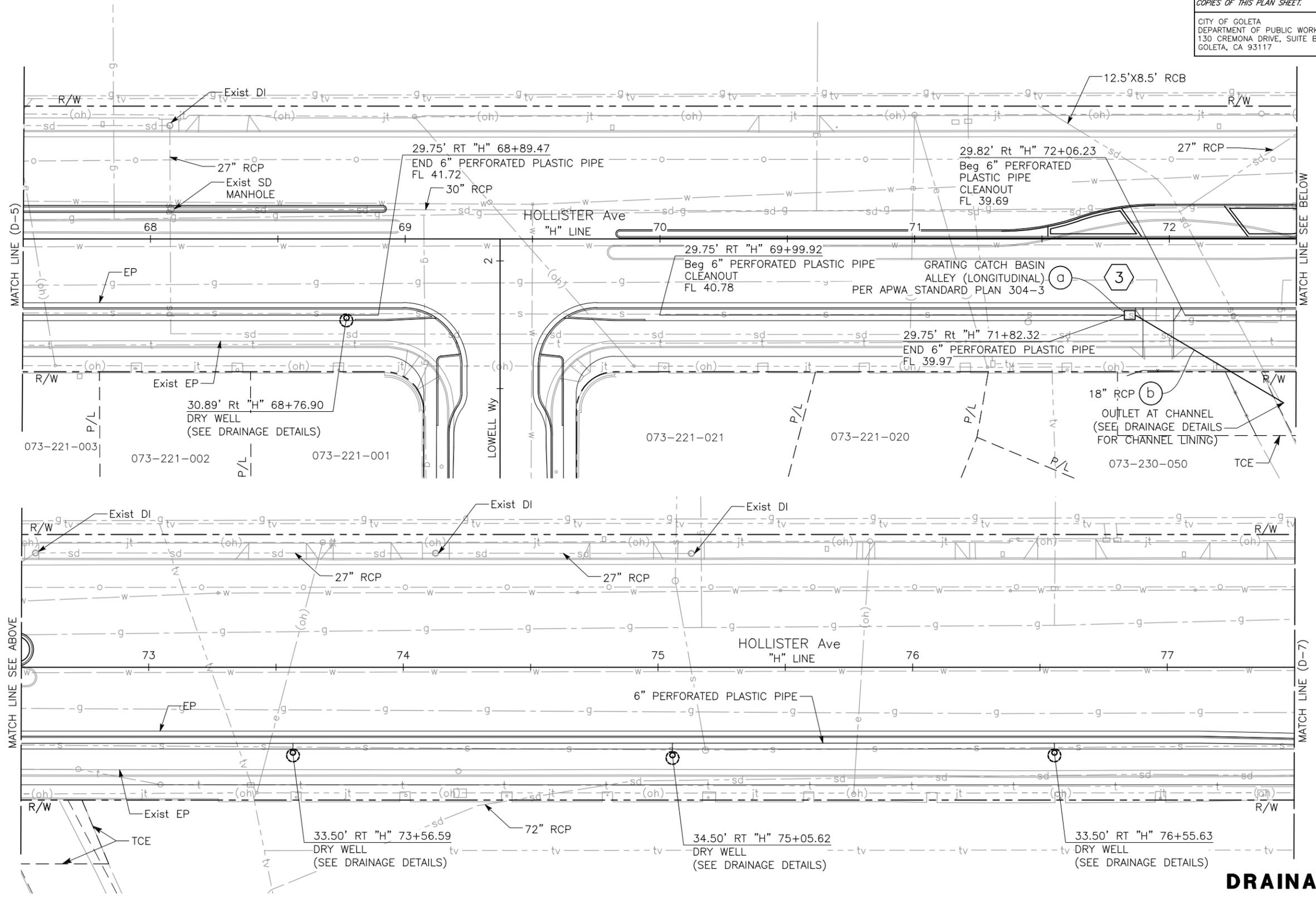
REGISTERED CIVIL ENGINEER
DATE 12/14/16
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



APPROVED FOR DRAINAGE WORK ONLY

DRAINAGE PLAN
SCALE 1"=20'
D-6

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-DP.dwg, 12/15/2016 1:51 PM,

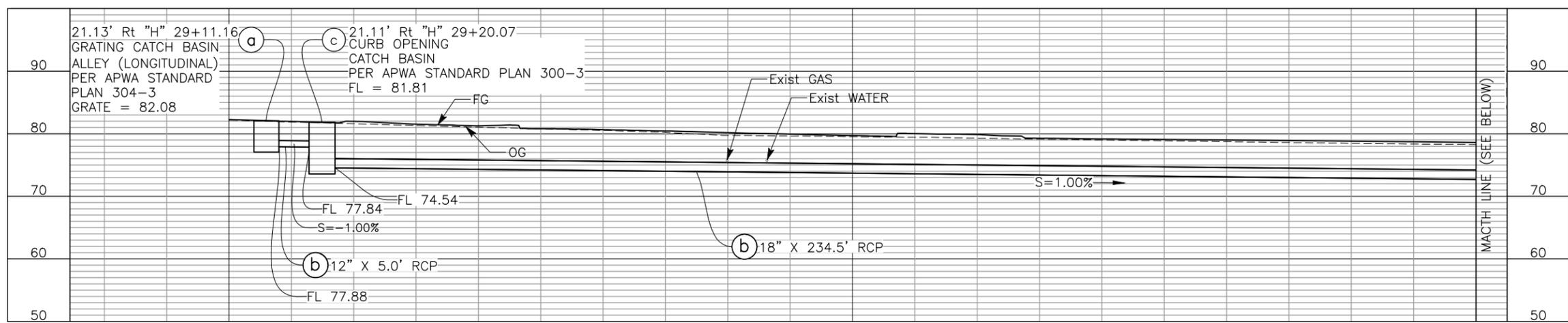
DESIGNED BY A. CASTLE-KEANE	CHECKED BY C. SALILICAN	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	DEPARTMENT OF PUBLIC WORKS CITY OF GOLETA
REVISOR A. CASTLE-KEANE	DATE C. SALILICAN		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			52	112

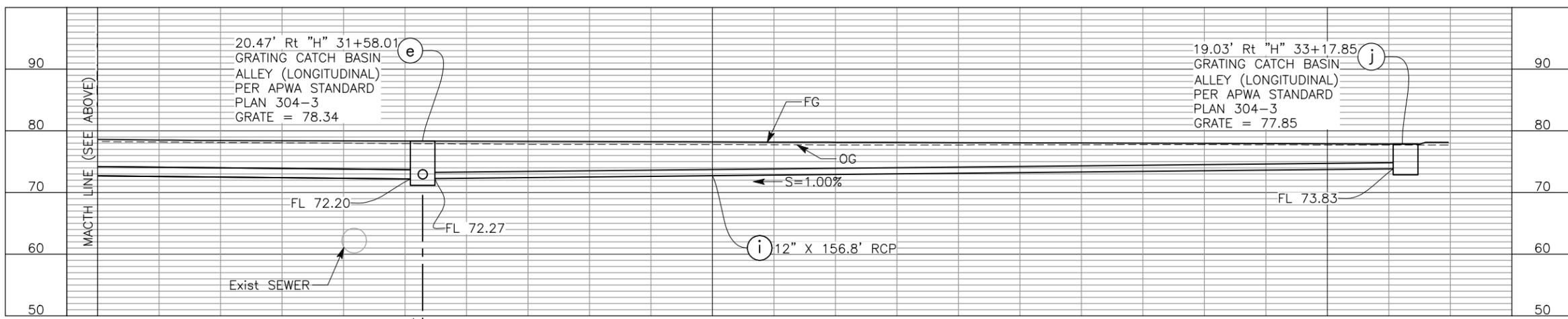
REGISTERED CIVIL ENGINEER **F. JOSE SILVA** No. 55267 Exp. 9/30/18
 DATE 12/14/16
 PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

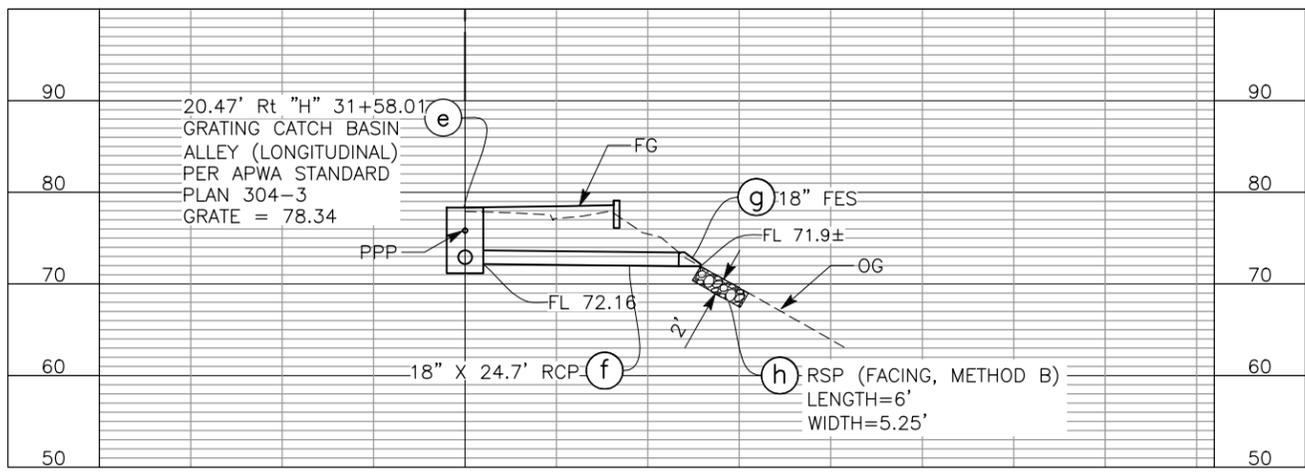
CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



DRAINAGE SYSTEM No. 1



DRAINAGE SYSTEM No. 1



DRAINAGE SYSTEM No. 1

NOTES:

- UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION OF UTILITIES PRIOR TO CONSTRUCTION AND MUST NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. FOR ACCURATE UTILITY MAPS AND RELOCATION PLANS, CONTACT THE INDIVIDUAL UTILITY COMPANY.
- ALL SYSTEM CONNECTIONS FROM PIPE TO DRAINAGE INLET PER APWA STANDARD PLAN 308.

DRAINAGE PROFILES DP-1

SCALE: HORIZ 1"=10'
 VERT 1"=10'

APPROVED FOR DRAINAGE WORK ONLY

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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	JOSE SILVA	CONSULTANT FUNCTIONAL SUPERVISOR	DESIGNED BY	REVISIONS
			A. CASTLE-KEANE	
			C. SALILICAN	
			CHECKED BY	DATE REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			53	112

REGISTERED CIVIL ENGINEER *[Signature]* DATE 12/14/16

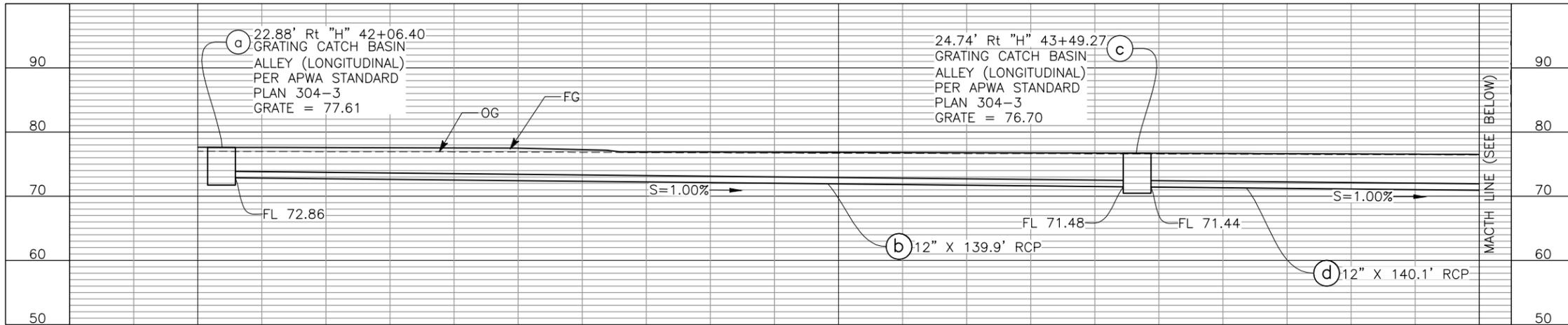
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

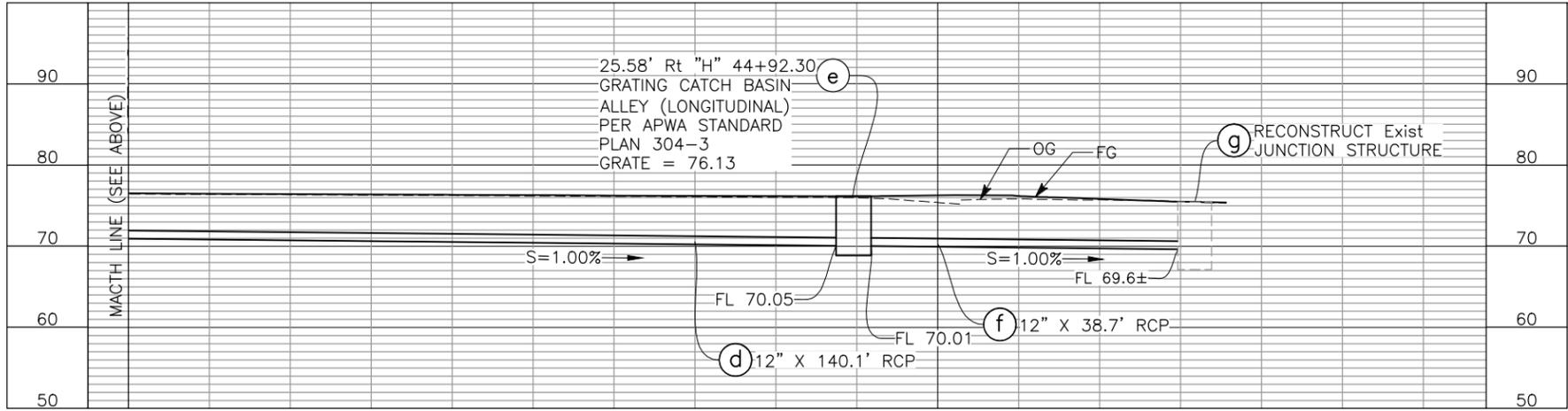
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 2

DRAINAGE PROFILES

SCALE: HORIZ 1"=10'
 VERT 1"=10' **DP-2**

DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 1:52 pm

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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	REVISIONS
	JOSE SILVA		A. CASTLE-KEANE	
			C. SALILICAN	
				REVISIONS
				DATE
				REVISIONS
				DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			54	112

REGISTERED CIVIL ENGINEER DATE 12/14/16

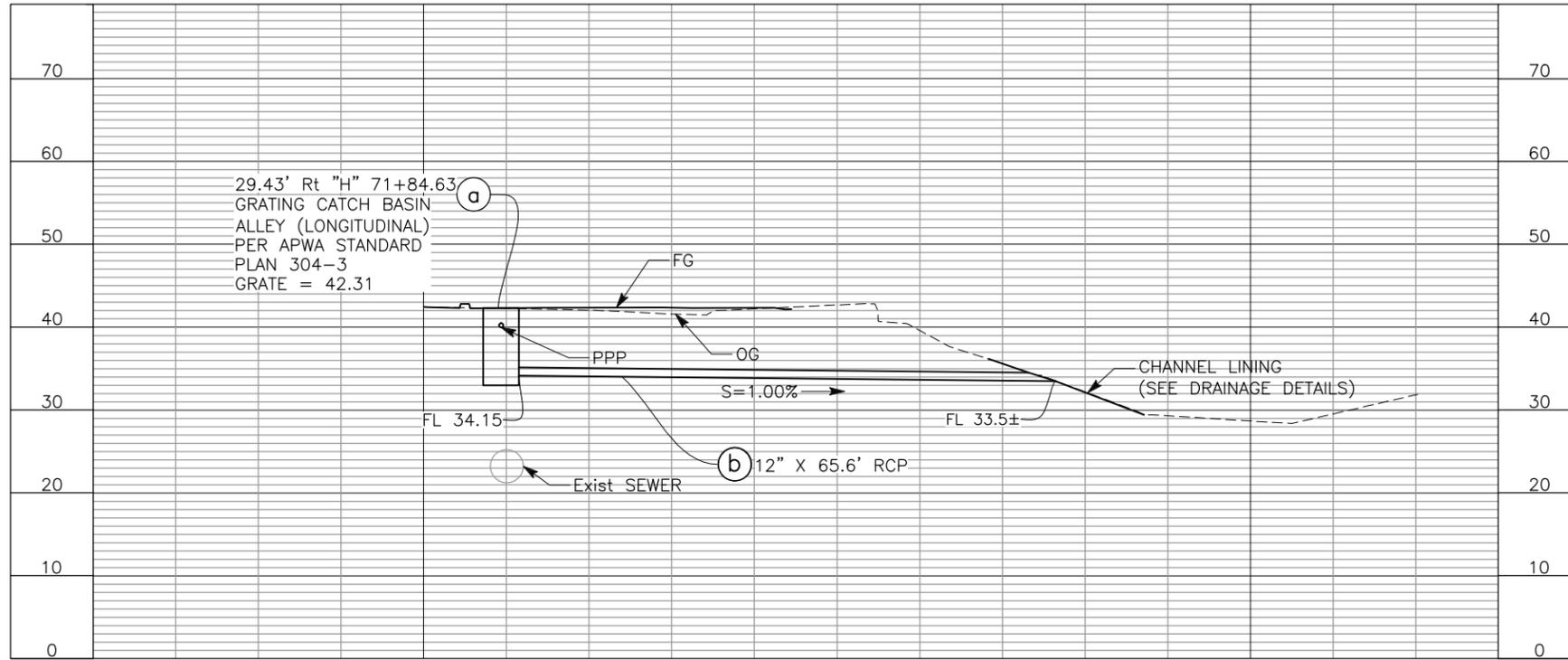
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

REGISTERED PROFESSIONAL ENGINEER
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA



DRAINAGE SYSTEM No. 3

DRAINAGE PROFILES
SCALE: HORIZ 1"=10'
VERT 1"=10'
DP-3

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 1:52 pm
LAST REVISION 06-05-16

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\Plans\HA-R-DD.dwg, 12/15/2016 1:53 PM, x

DESIGNED BY	REVISIONS
A. CASTLE-KEANE	REVISED BY
CHECKED BY	DATE REVISED
C. SALILICAN	
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			55	112

REGISTERED CIVIL ENGINEER *[Signature]* DATE 12/14/16

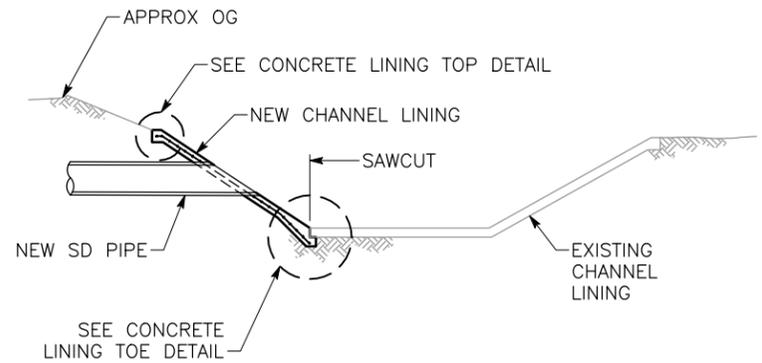
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

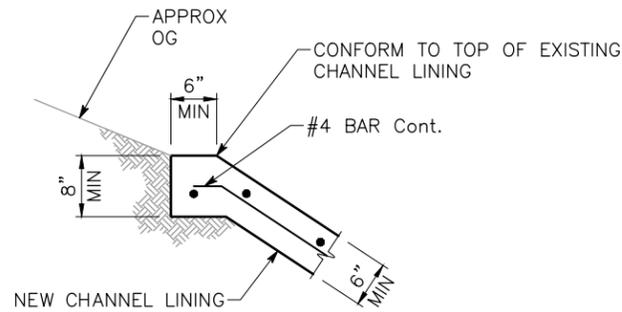
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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

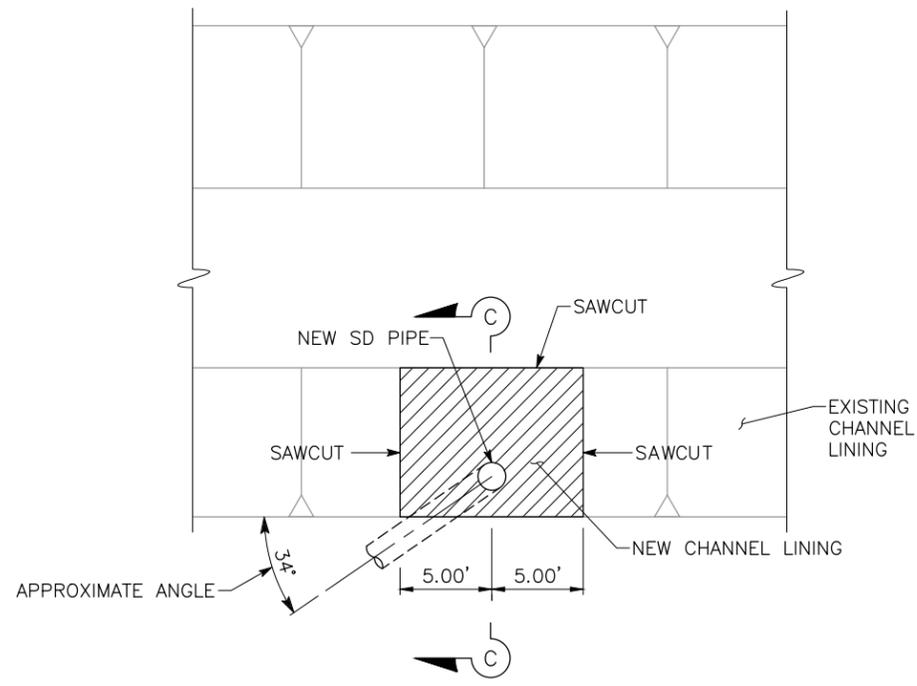
DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



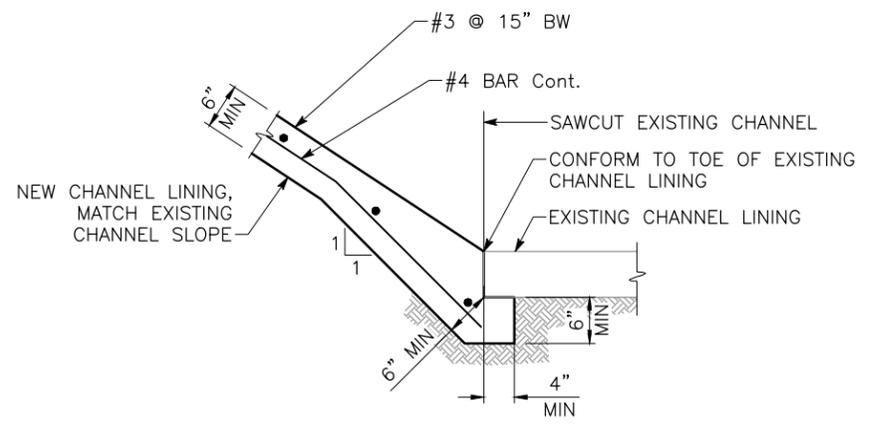
SECTION C-C
NO SCALE



CONCRETE LINING TOP DETAIL
NO SCALE



CONCRETE CHANNEL LINING
NO SCALE



CONCRETE LINING TOE DETAIL
NO SCALE

DRAINAGE SYSTEM No. 3

DRAINAGE DETAILS

SCALE AS NOTED

DD-1

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\HA-R-U.dwg, 12/15/2016 2:20 PM.

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED/DESIGNED BY C. SALILICAN	REVISOR A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED/DESIGNED BY C. SALILICAN	REVISOR A. CASTLE-KEANE

NOTES

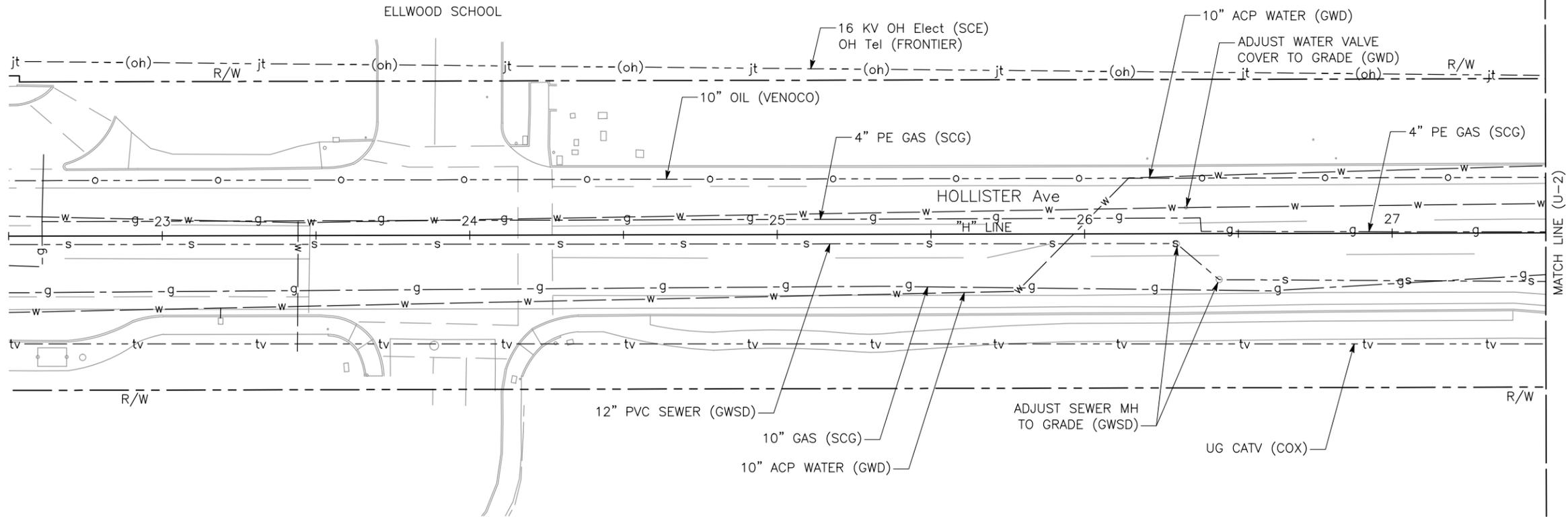
1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.
2. EXISTING UTILITIES TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
3. UTILITY LOCATIONS SHOWN ARE APPROXIMATE. VERIFY LOCATION AND SIZE OF UTILITIES PRIOR TO CONSTRUCTION AND MUST NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. FOR ACCURATE UTILITY MAPS AND RELOCATION PLANS, CONTACT THE INDIVIDUAL UTILITY COMPANY.
4. SEE SIGNAL AND LIGHTING PLANS FOR WORK ON EXISTING SIGNAL EQUIPMENT AND PULL BOXES.

LEGEND

SYMBOL	FACILITY
--- jt --- (oh) ---	JOINT OVERHEAD (TELEPHONE AND ELECTRIC) - EXISTING
--- sd ---	STORM DRAIN - EXISTING
--- w ---	WATER - EXISTING
--- s ---	SANITARY SEWER - EXISTING
--- g ---	GAS - EXISTING
--- e ---	UNDERGROUND ELECTRICAL - EXISTING
--- e --- (oh) ---	OVERHEAD ELECTRICAL - EXISTING
--- t ---	TELEPHONE - EXISTING
--- o ---	OIL - EXISTING
--- JT --- (OH) ---	JOINT OVERHEAD (TELEPHONE AND ELECTRIC) - PROPOSED

UTILITY CONTACTS

OWNER	CONTACT	PHONE
SOUTHERN CALIFORNIA EDISON	HUGO AYALA	(805) 683-5212
FRONTIER COMMUNICATIONS	TOM MATTSO	(805) 964-8303
COX COMMUNICATIONS	JAMES DRENNAN	(805) 681-3844
SOUTHERN CALIFORNIA GAS	(SEMPRA UTILITY)	(818) 701-3448
GOLETA WEST SANITARY DISTRICT	KEN SPENCER	(805) 968-2617
GOLETA WATER DISTRICT	KEVIN WINKLER	(805) 964-6761
LEVEL 3 COMMUNICATIONS	MATT WILLIAMS	(720) 888-3813
VENOCO OIL	VENOCO, Inc.	(805) 745-2100
CITY OF GOLETA STORM DRAIN	BOB MORGENSTERN	(805) 968-6769



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			57	112

12/14/16
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "DIGALERT" AT 811 AT LEAST 2 WORKING DAYS PRIOR TO PERFORMING ANY EXCAVATION

**CAUTION
HIGH RISK UTILITY**



UTILITY PLAN
SCALE 1"=20'

APPROVED FOR UTILITY WORK ONLY

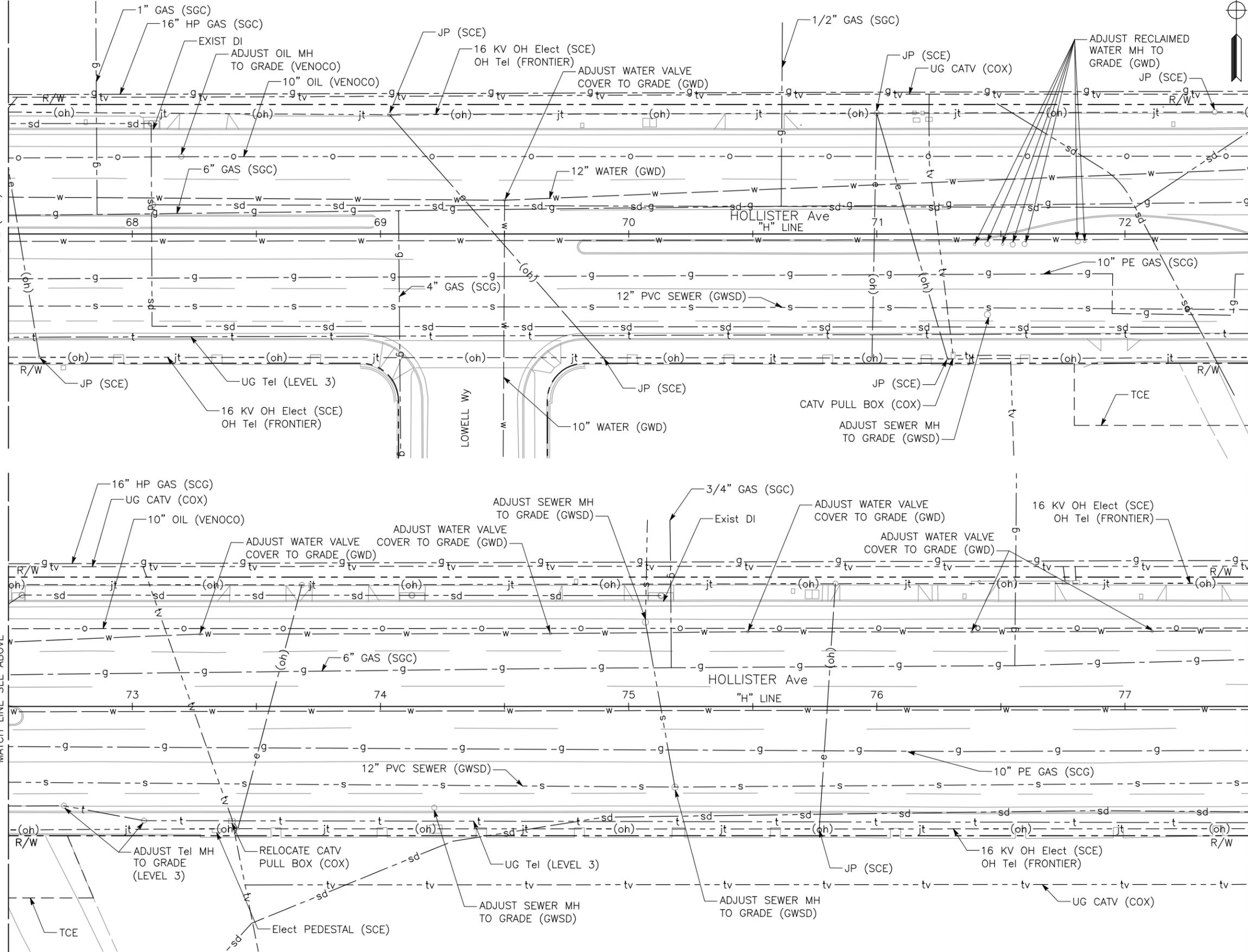
LAST REVISION: 06-05-16 DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 2:20 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\HA-R-U.dwg, 12/15/2016 2:20 PM.

DESIGNED BY C.SALILICAN	CHECKED BY A. CASTLE-KEANE	REVISIONS
DESIGNED BY JOSE SILVA	CHECKED BY	REVISIONS
DESIGNED BY	CHECKED BY	REVISIONS

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			62	112

REGISTERED CIVIL ENGINEER DATE 12/14/16

PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

REGISTERED PROFESSIONAL ENGINEER
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "DIGALERT" AT 811 AT LEAST 2 WORKING DAYS PRIOR TO PERFORMING ANY EXCAVATION

**CAUTION
HIGH RISK UTILITY**

UTILITY PLAN

SCALE 1"=20'

U-6

APPROVED FOR UTILITY WORK ONLY

BORDER LAST REVISED 7/2/2010

USERNAME => csalilicn
DGN FILE => HA-R-U.dwg



UNIT 0000

PROJECT NUMBER & PHASE

0000000000

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 2:20 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\Plans\HA-R-CS.dwg, 12/15/2016 3:28 PM,

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED-DESIGNED BY C.SALILICAN	REVISOR A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CHECKED BY A. CASTLE-KEANE	DATE REVISED

- NOTES:**
- EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
 - ALL CONSTRUCTION AREA SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE 2012 CALIFORNIA MUTCD AND THE 2010 CALTRANS STANDARD PLANS.

- LEGEND:**
- CONSTRUCTION AREA SIGN
 - PORTABLE CHANGEABLE MESSAGE SIGN

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE	PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS	SIGN MESSAGE
(A)	W20-1	48" x 48"	1 - 6" x 6"	2	ROAD WORK AHEAD
(B)	W20-1	30" x 30"	1 - 4" x 4"	12	ROAD WORK AHEAD
(C)	G20-2	48" x 24"	1 - 4" x 4"	11	END ROAD WORK

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			64	112

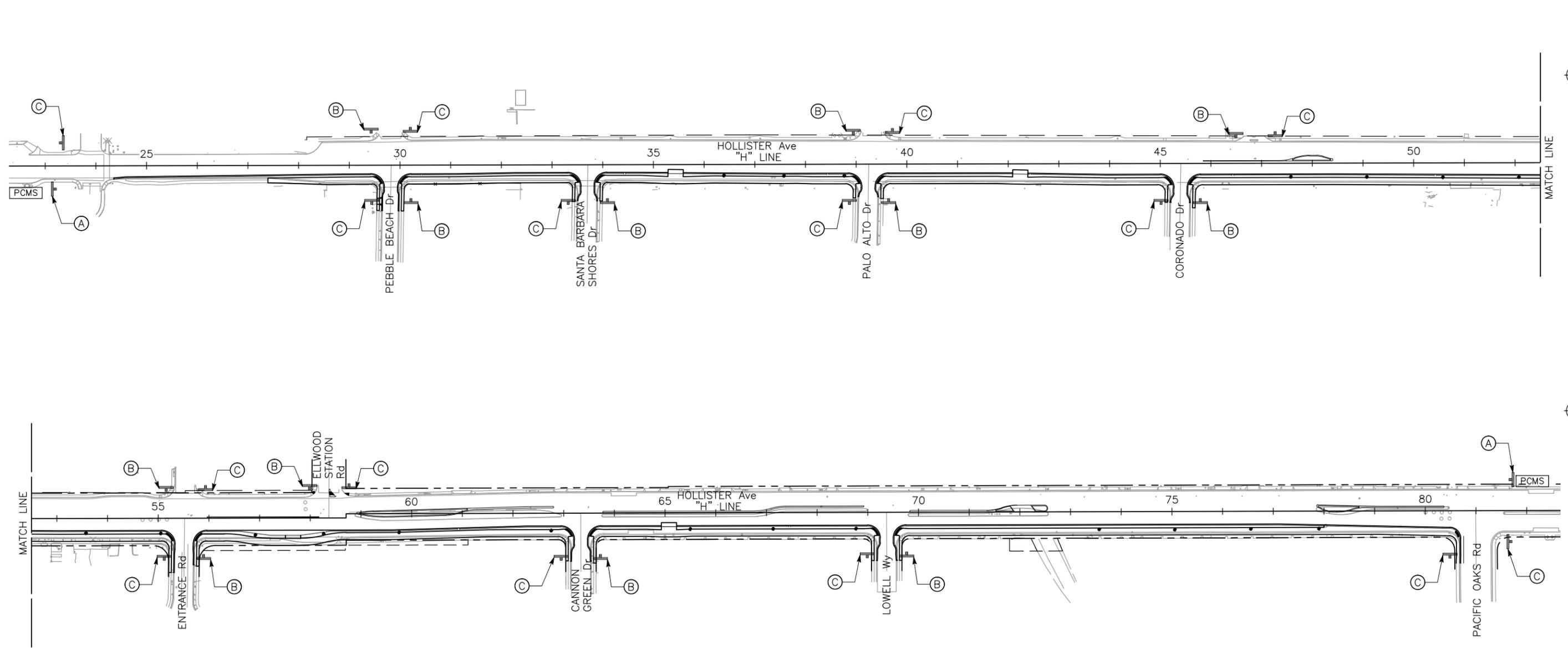
12/14/16
DATE

REGISTERED CIVIL ENGINEER
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

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CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670
--	---



CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

LAST REVISION 06-05-16 DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 3:28 pm

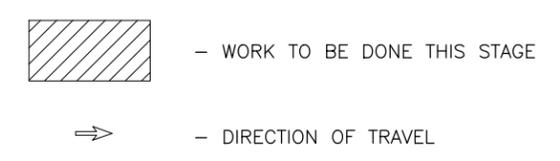
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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED/DESIGNED BY C.SALILICAN	REVISOR BY A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CHECKED BY A. CASTLE-KEANE	DATE REVISED

NOTES:

1. SEE LAYOUT SHEETS FOR ALIGNMENT DATA NOT SHOWN.
2. FOR ACCURATE RIGHT OF WAY DATA, SEE CITY RECORDS.
3. REFER TO SPECIAL PROVISIONS FOR LIMITATIONS OF WORK PERIODS.
4. MAINTAIN DRAINAGE.
5. MAINTAIN BIKE ACCESS (SHARE THE ROAD).
6. MAINTAIN PEDESTRIAN ACCESS.
7. MAINTAIN ACCESS TO INTERSECTIONS AND DRIVEWAYS. DRIVEWAYS MAY BE RIGHT-IN/RIGHT-OUT ONLY, VERIFY WITH CITY.
8. MAINTAIN ACCESS FOR RESIDENTS AND BUSINESSES AT ALL TIMES.
9. USE THESE STAGE CONSTRUCTION PLANS AS A GUIDE. PREPARE TRAFFIC HANDLING PLANS TO BE APPROVED BY CITY PRIOR TO BEGINNING WORK. TRAFFIC HANDLING PLANS MUST INCLUDE PEDESTRIAN AND BICYCLE ACCESS. PREPARE TEMPORARY ELECTRICAL/SIGNAL PLANS TO MAINTAIN EXISTING SIGNALS IN OPERATION.
10. FOR CONSTRUCTION SIGNING AND TEMPORARY PAVEMENT DELINEATION, SEE CITY STANDARDS AND MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
11. FOR TEMPORARY TURN LANE LENGTH, VERIFY STORAGE REQUIREMENT WITH CITY.
12. MAINTAIN APPROPRIATE SIGHT DISTANCE. INSTALL TRAFFIC CONTROL DEVICES AND MAINTAIN EQUIPMENT IN ORDER TO NOT BLOCK SIGHT DISTANCE.

LEGEND:



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			65	112

12/14/16
DATE

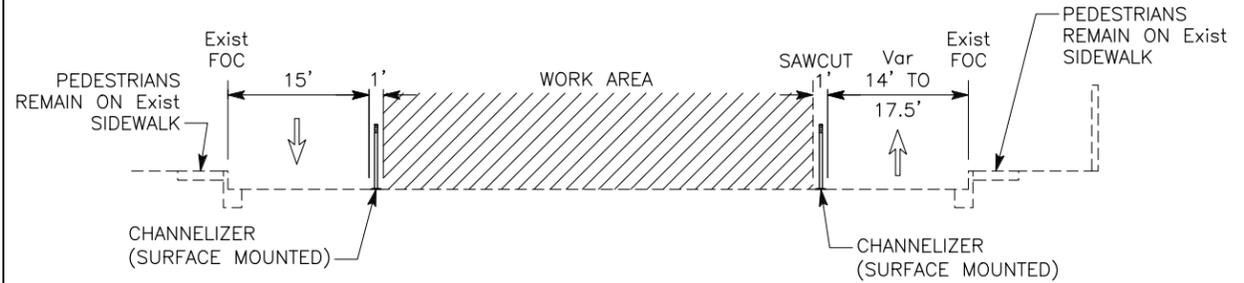
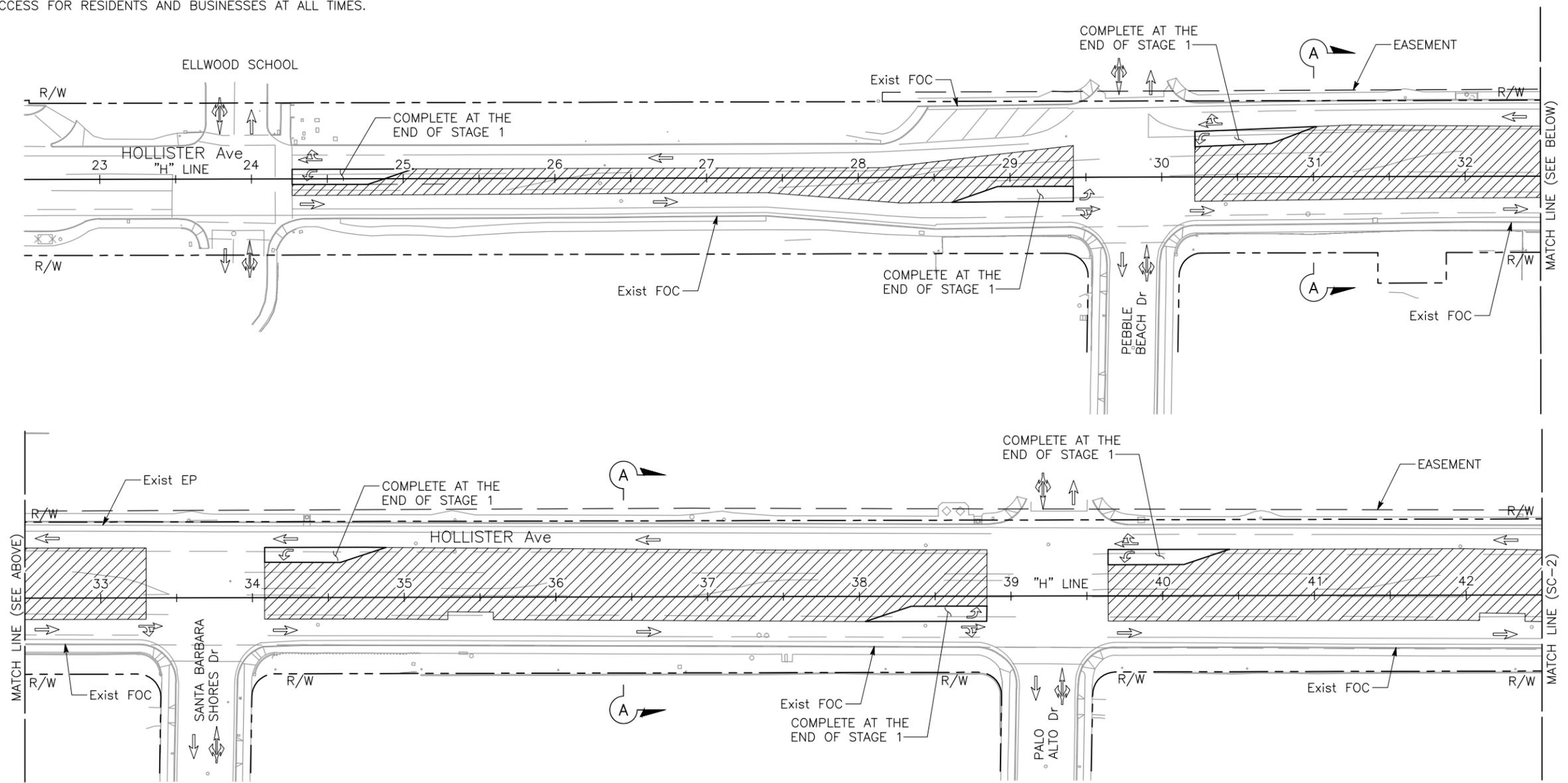
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

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CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670
--	---



**STAGE 1
STAGE CONSTRUCTION PLAN
SC-1**

SCALE: 1"=40'

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 3:29 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\HA-R-SC1.dwg, 12/15/2016 3:29 PM.
 C.SALILICAN
 A. CASTLE-KEANE
 JOSE SILVA
 DEPARTMENT OF PUBLIC WORKS

- NOTES:**
- FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.
 - SEE SHEET SC-1 FOR SECTION A-A.
 - SEE SHEET SC-1 FOR ADDITIONAL NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			66	112

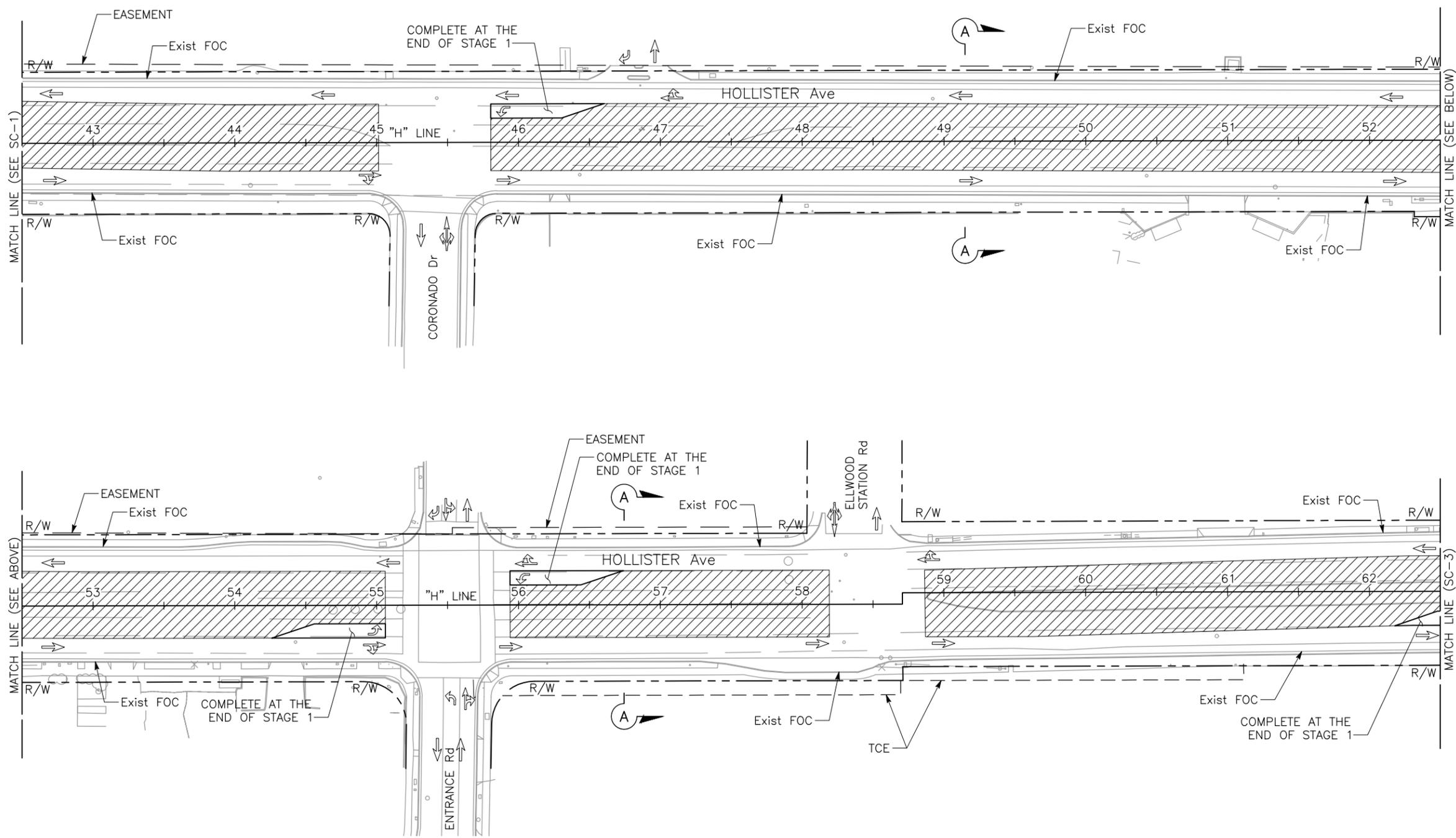
REGISTERED CIVIL ENGINEER 12/14/16
 DATE

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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670



STAGE 1
STAGE CONSTRUCTION PLAN
 SCALE: 1"=40'
SC-2

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

LAST REVISION DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 3:29 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\Plans\HA-R-SC1.dwg, 12/15/2016 3:29 PM.

DESIGNED BY	C. SALILICAN	REVISIONS	
CHECKED BY	A. CASTLE-KEANE	DATE	
DESIGNED BY	JOSE SILVA	REVISIONS	
CHECKED BY		DATE	

- NOTES:**
- FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.
 - SEE SHEET SC-1 FOR SECTION A-A.
 - SEE SHEET SC-1 FOR ADDITIONAL NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			67	112

REGISTERED CIVIL ENGINEER DATE 12/14/16

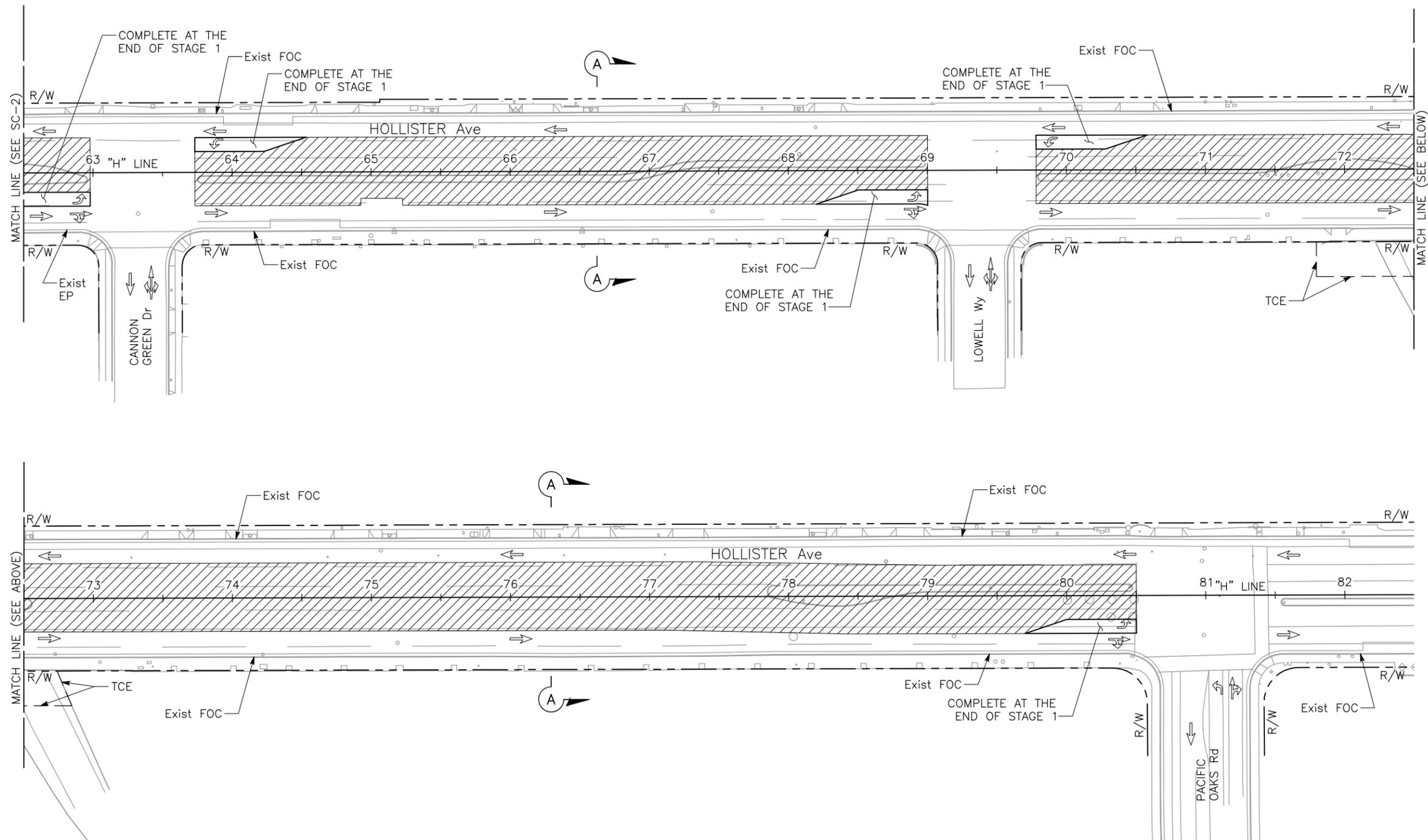
PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

REGISTERED PROFESSIONAL ENGINEER
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA



**STAGE 1
STAGE CONSTRUCTION PLAN**

SCALE: 1"=40'

SC-3

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 3:29 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\HA-R-SC2.dwg, 12/15/2016 3:30 PM, C.SALILICAN, A. CASTLE-KEANE, JOSE SILVA

- NOTES:**
- FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.
 - SEE SHEET SC-1 FOR ADDITIONAL NOTES.
 - SEE SHEET SC-5 FOR TYPICAL TEMPORARY CRASH CUSHION AND TEMPORARY RAILING (TYPE K) INTERSECTION DETAIL.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			68	112

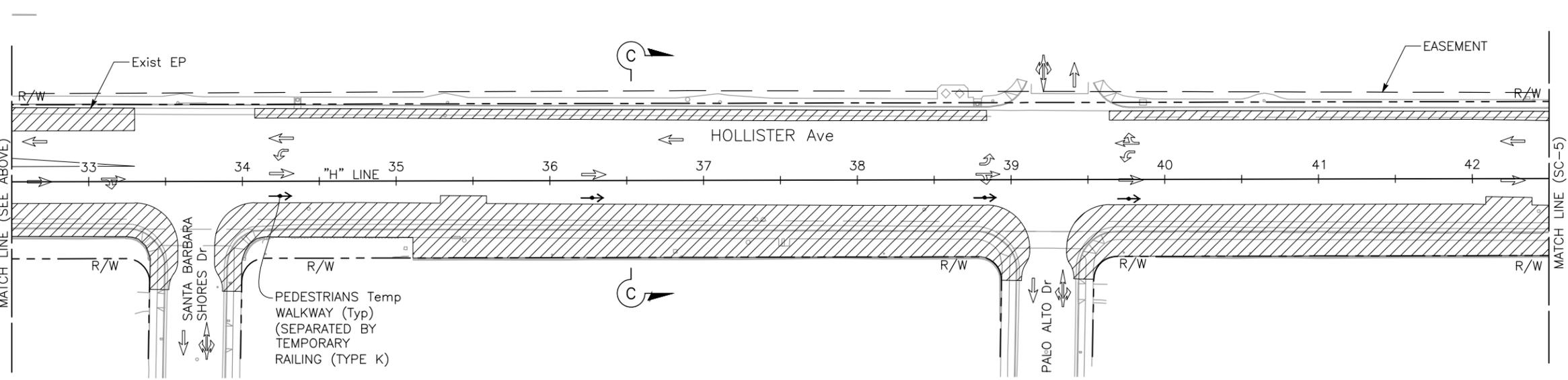
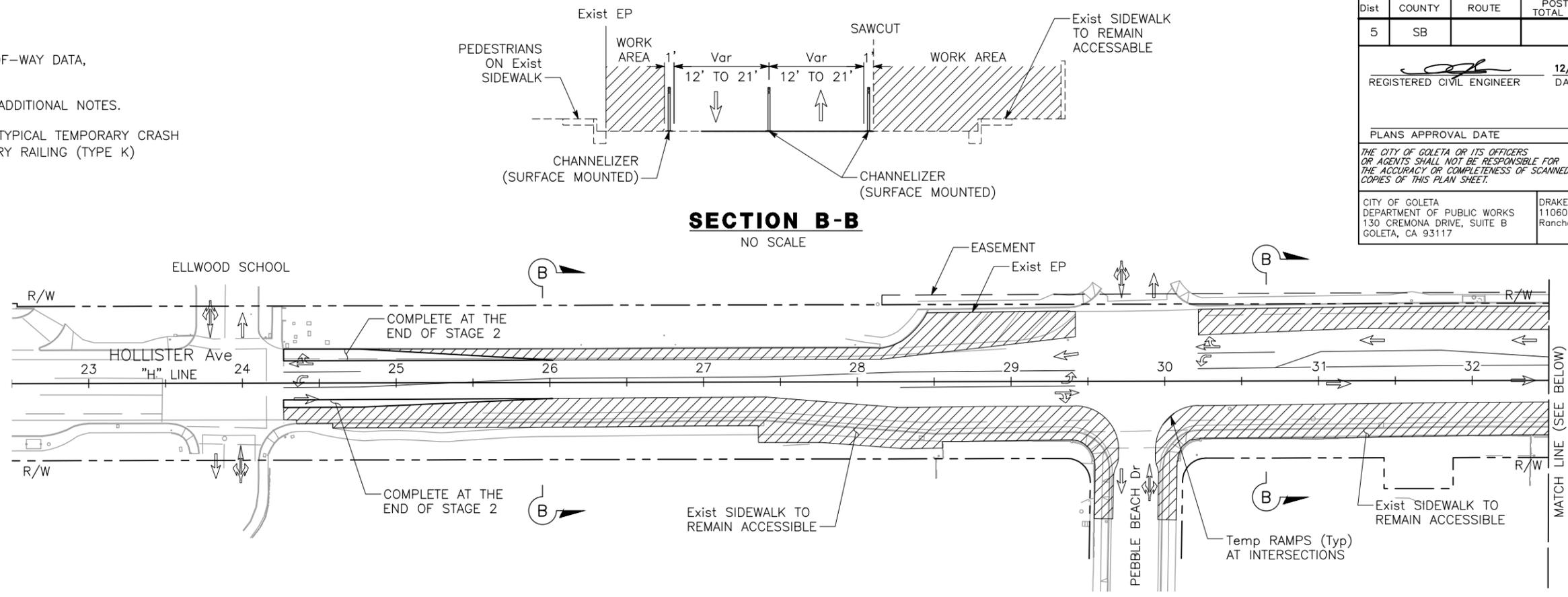
REGISTERED CIVIL ENGINEER **F. JOSE SILVA** No. 55267 Exp. 9/30/18 CIVIL

PLANS APPROVAL DATE 12/14/16

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



- LEGEND:**
- WORK TO BE DONE THIS STAGE
 - DIRECTION OF TRAVEL
 - PEDESTRIANS ON Temp WALKWAY

SECTION C-C
NO SCALE

**STAGE 2
STAGE CONSTRUCTION PLAN
SC-4**
SCALE: 1"=40'

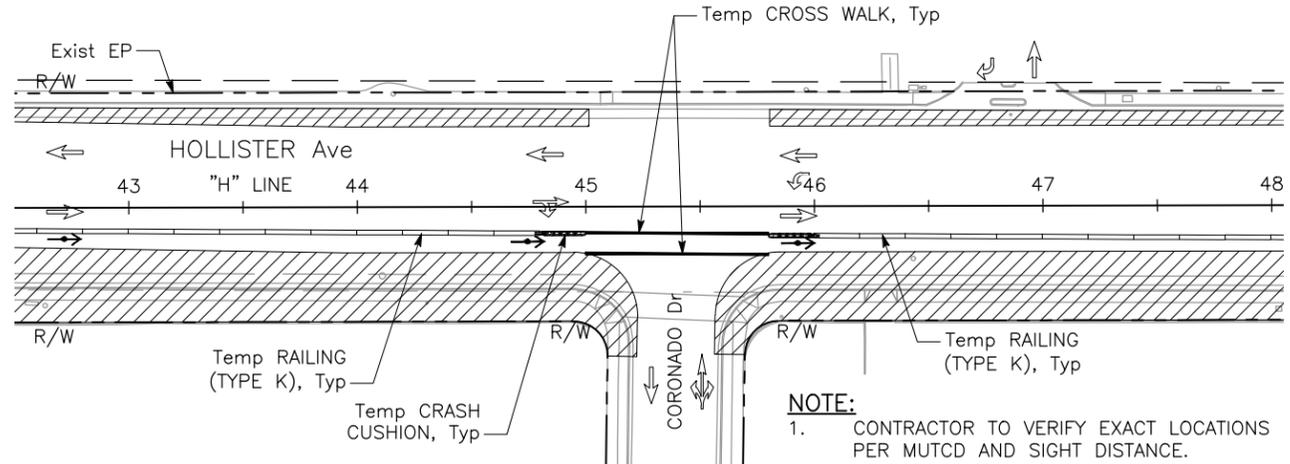
APPROVED FOR STAGE CONSTRUCTION WORK ONLY

DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 3:30 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\HA-R-SC2.dwg, 12/15/2016 3:30 PM,

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	DESIGNED BY C. SALILICAN	CHECKED BY A. CASTLE-KEANE
		REVISOR	DATE

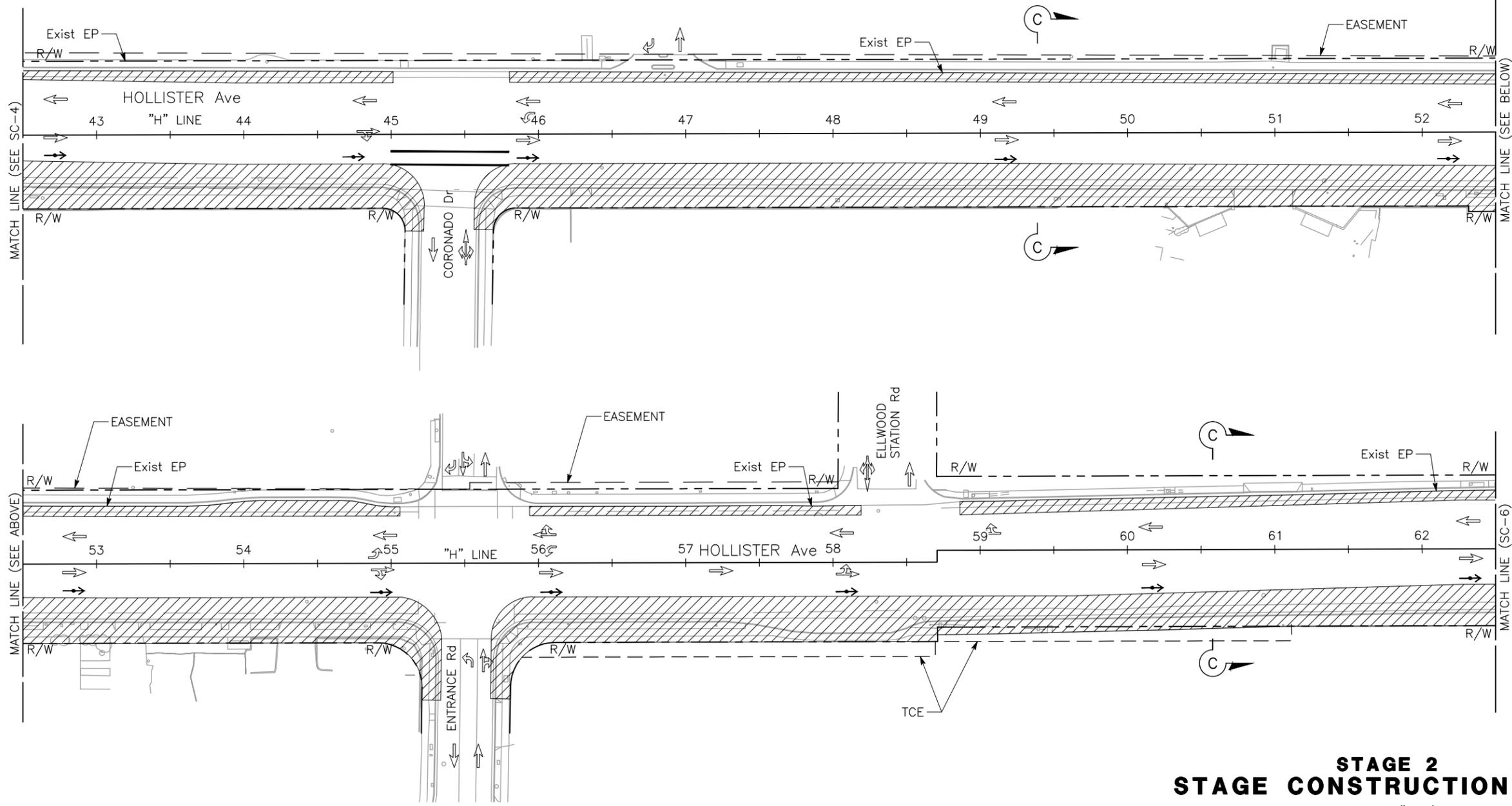
- NOTES:**
- FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.
 - SEE SHEET SC-4 FOR SECTION C-C.
 - SEE SHEET SC-1 FOR ADDITIONAL NOTES.



TYPICAL TEMPORARY CRASH CUSHION AND TEMPORARY RAILING (TYPE K) INTERSECTION DETAIL

SCALE: 1"=40'

- NOTE:**
- CONTRACTOR TO VERIFY EXACT LOCATIONS PER MUTCD AND SIGHT DISTANCE.



**STAGE 2
STAGE CONSTRUCTION PLAN
SCALE: 1"=40'
SC-5**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			69	112

12/14/16
DATE

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

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CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670
--	---

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\HA-R-SC2.dwg, 12/15/2016 3:30 PM,

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED-DESIGNED BY C. SALILICAN	REVISOR BY A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED-DESIGNED BY C. SALILICAN	REVISOR BY A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED-DESIGNED BY C. SALILICAN	REVISOR BY A. CASTLE-KEANE

- NOTES:**
- FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.
 - SEE SHEET SC-4 FOR SECTION C-C.
 - SEE SHEET SC-1 FOR ADDITIONAL NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			70	112

12/14/16
REGISTERED CIVIL ENGINEER DATE

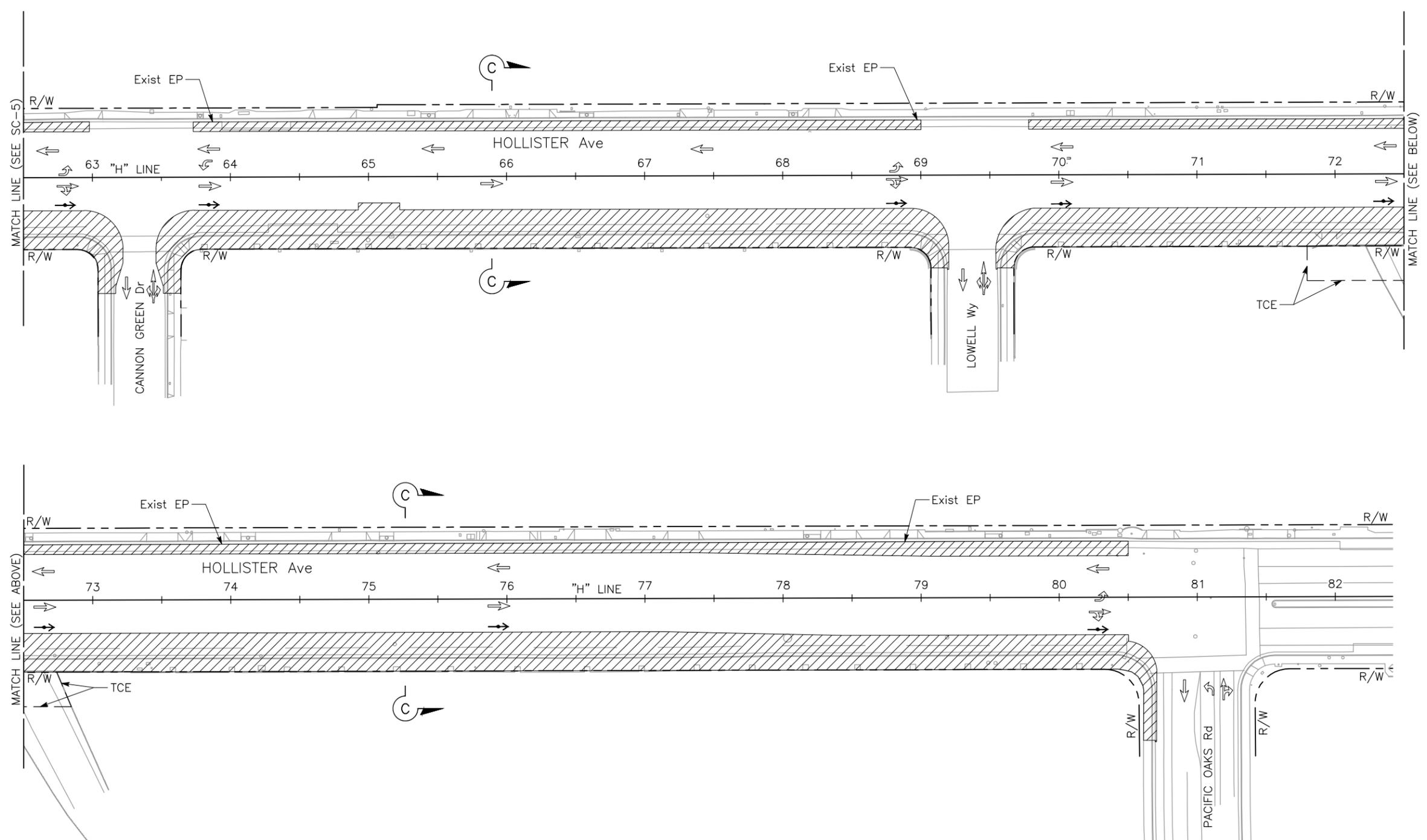
PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670





**STAGE 2
STAGE CONSTRUCTION PLAN**

SCALE: 1"=40'

SC-6

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

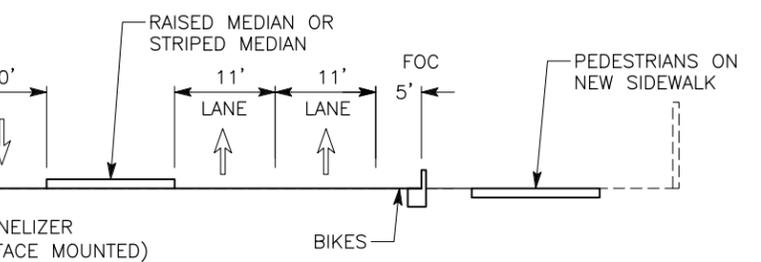
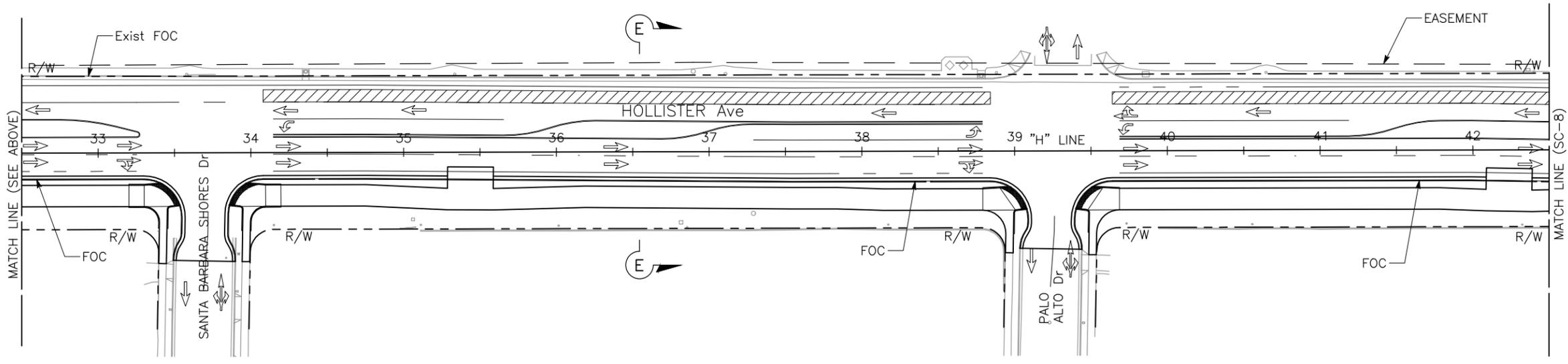
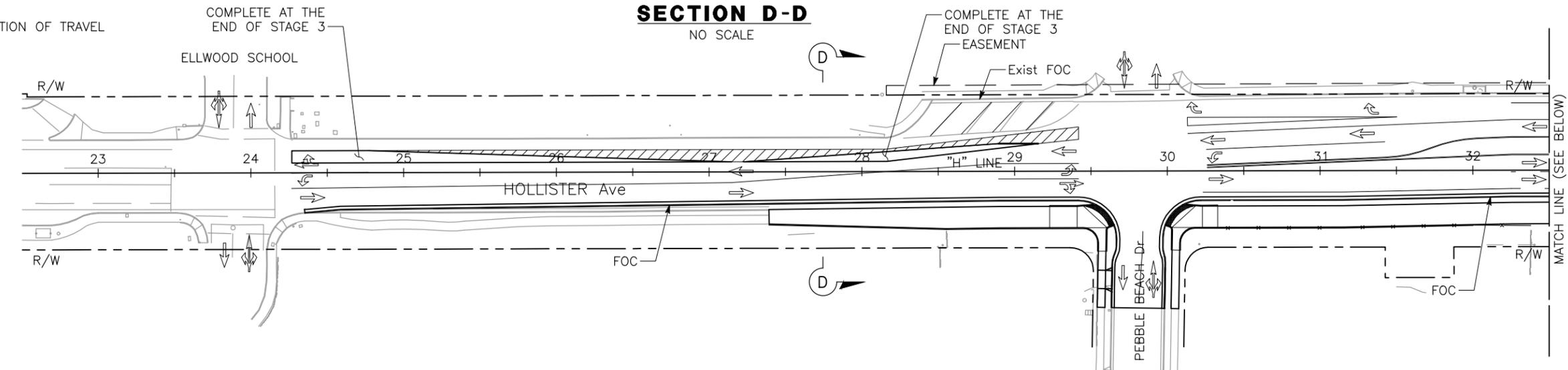
LAST REVISION 06-05-16 DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 3:30 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\Plans\HA-R-SC3.dwg, 12/15/2016 3:31 PM.

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED/DESIGNED BY C. SALILICAN	CHECKED BY A. CASTLE-KEANE
		REVISOR BY	DATE REVISED

- NOTES:**
- FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.
 - SEE SHEET SC-1 FOR ADDITIONAL NOTES.

- LEGEND:**
- WORK TO BE DONE THIS STAGE
 - DIRECTION OF TRAVEL



SECTION E-E
NO SCALE
APPROVED FOR STAGE CONSTRUCTION WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			71	112

12/14/16
REGISTERED CIVIL ENGINEER DATE

F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

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CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670
--	---

**STAGE 3
STAGE CONSTRUCTION PLAN**
SCALE: 1"=40'
SC-7

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 3:31 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\Plans\HA-R-SC3.dwg, 12/15/2016 3:31 PM.

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED-DESIGNED BY C. SALILICAN	REVISOR BY A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CHECKED BY A. CASTLE-KEANE	DATE REVISED

- NOTES:**
- FOR ACCURATE RIGHT-OF-WAY DATA, SEE CITY RECORDS.
 - SEE SHEET SC-7 FOR SECTION E-E.
 - SEE SHEET SC-1 FOR ADDITIONAL NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			73	112

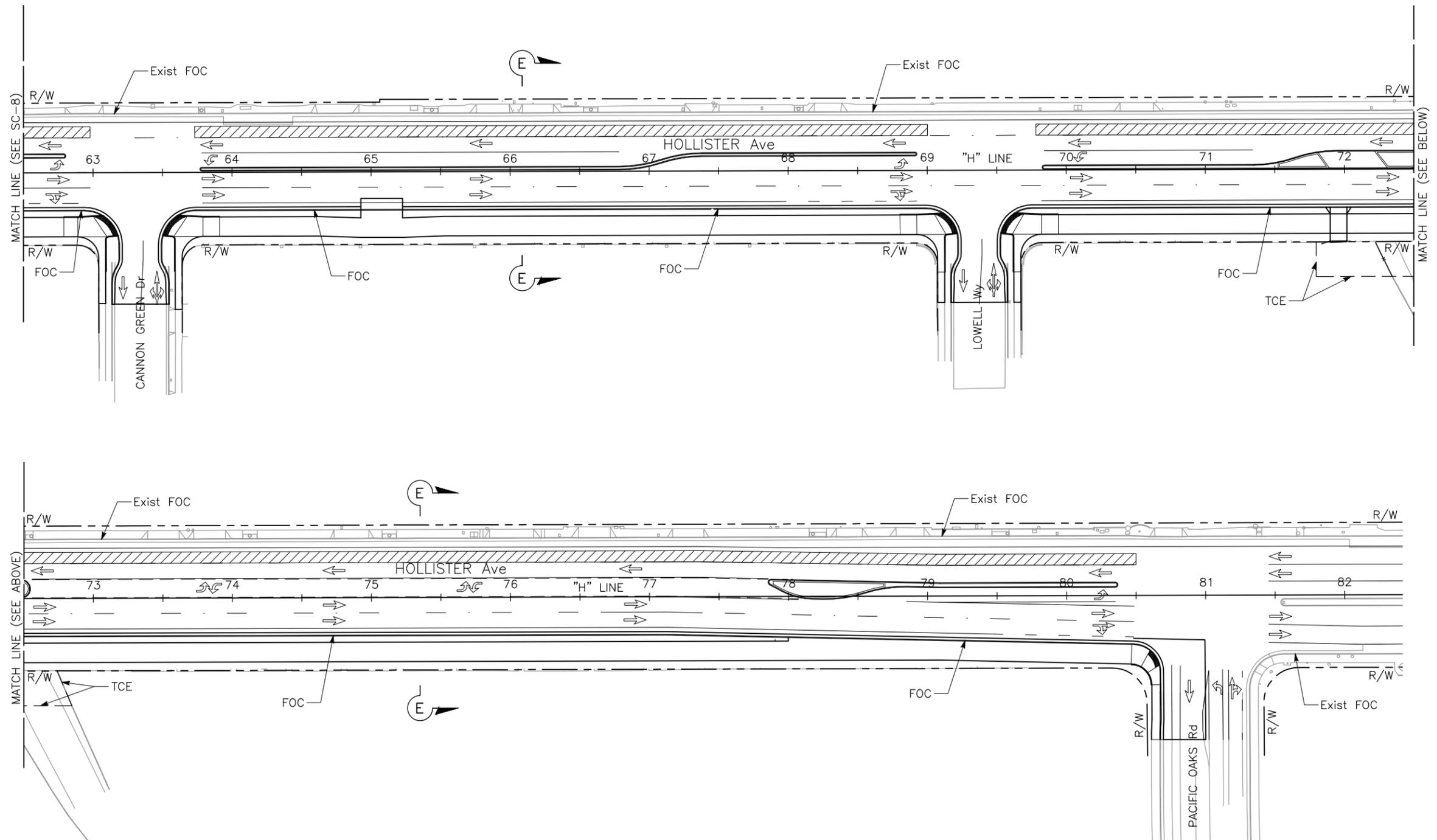
12/14/16
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670
--	---



**STAGE 3
STAGE CONSTRUCTION PLAN**

SCALE: 1"=40'

SC-9

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 3:31 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-PD.dwg, 12/15/2016 3:35 PM, X

DESIGNED BY C. SALILICAN	REVISIONS
CHECKED BY JOSE SILVA	DATE REVISIONS
CALCULATED/DESIGNED BY	REVISOR
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	DATE

NOTE:
1. SEE SHEET PD-1 FOR NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			75	112

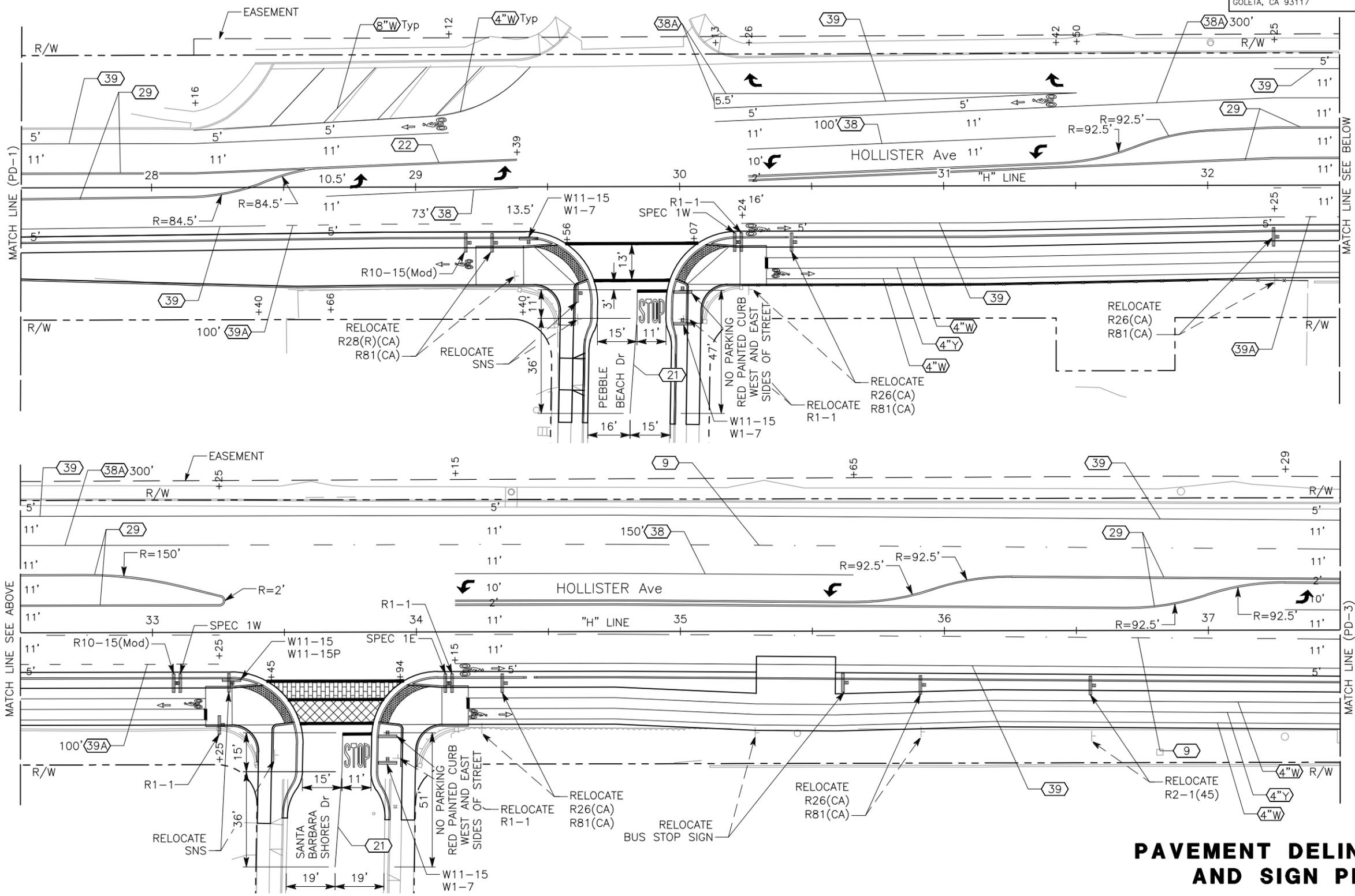
REGISTERED CIVIL ENGINEER
DATE 12/14/16
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



PAVEMENT DELINEATION AND SIGN PLAN

PD-2

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

SCALE 1"=20'

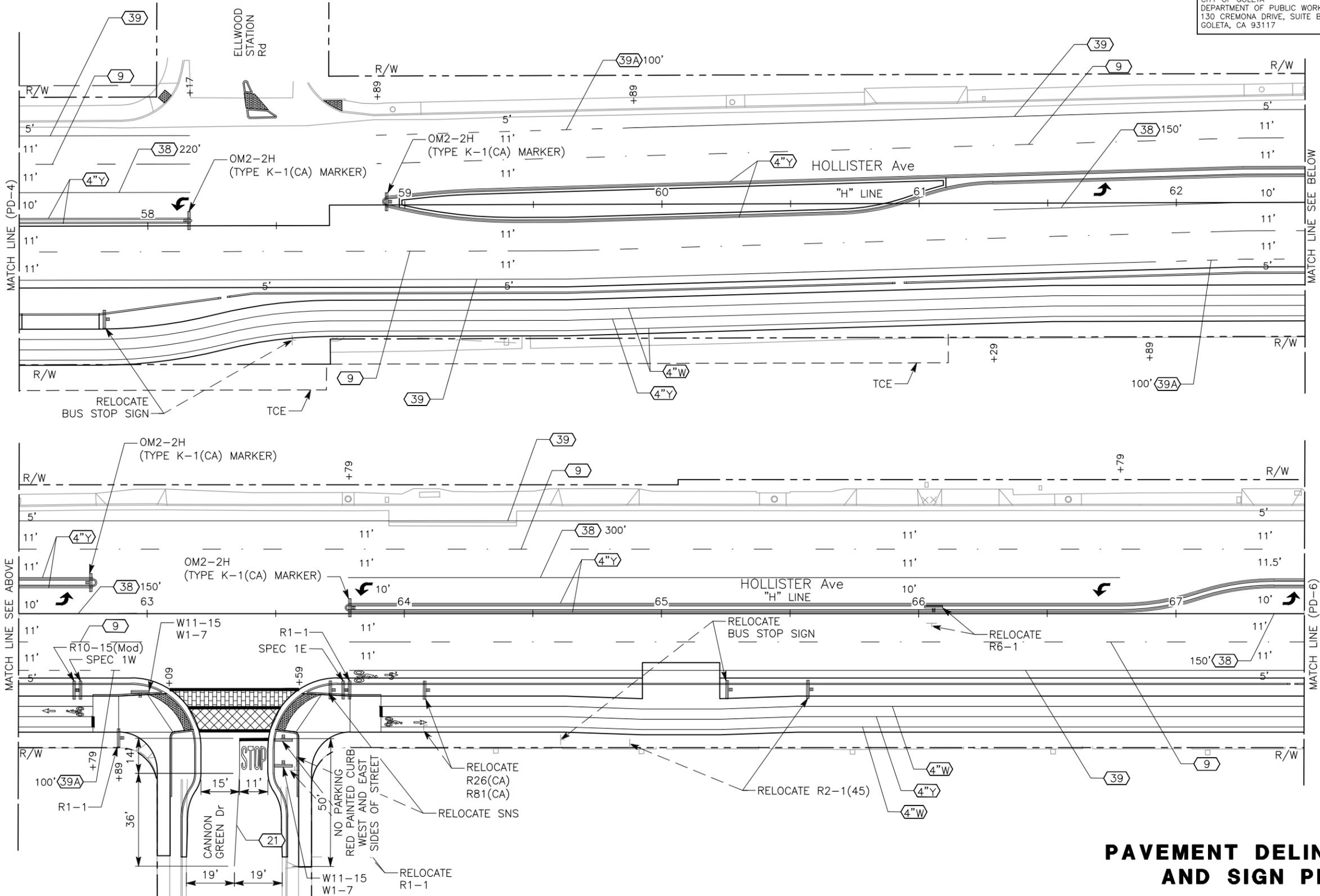
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DESIGNED BY C. SALILICAN	REVISIONS
CHECKED BY A. CASTLE-KEANE	DATE REVISION
CALCULATED/DESIGNED BY JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	

NOTE:
1. SEE SHEET PD-1 FOR NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			78	112

REGISTERED CIVIL ENGINEER DATE 12/14/16
 F. JOSE SILVA No. 55267 Exp. 9/30/18 CIVIL
 PLANS APPROVAL DATE
 THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
 CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



PAVEMENT DELINEATION AND SIGN PLAN

PD-5

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

SCALE 1"=20'



LAST REVISION 06-05-16 DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 3:35 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal\Final\Plans\HA-R-PD.dwg, 12/15/2016 3:35 PM, X

DESIGNED BY C. SALILICAN	REVISOR A. CASTLE-KEANE	DATE 12/15/2016	TIME 3:35 PM
CHECKED BY JOSE SILVA	DATE REVISION		
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS			

NOTE:
1. SEE SHEET PD-1 FOR NOTES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			79	112

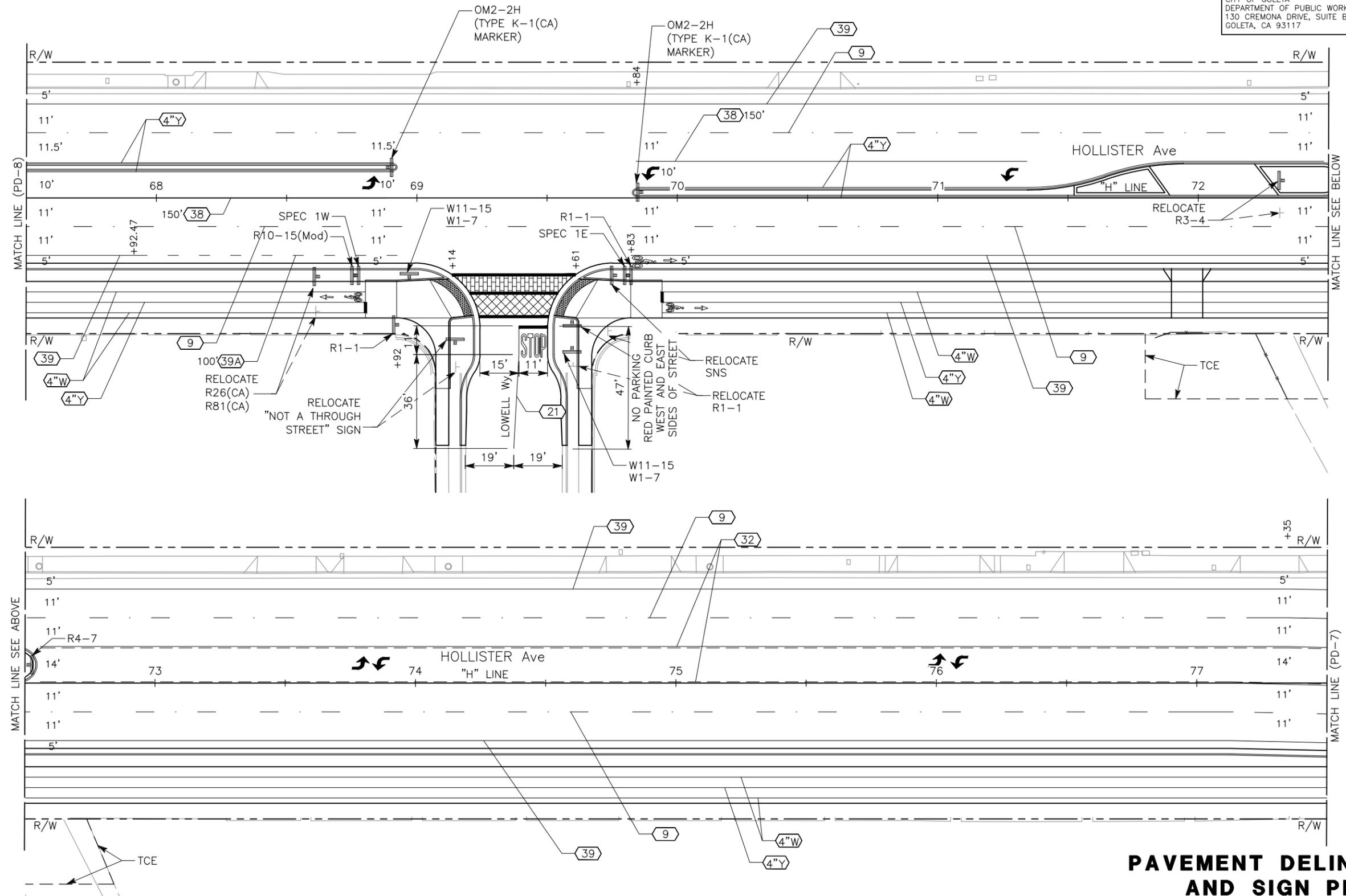
REGISTERED CIVIL ENGINEER
DATE 12/14/16
F. JOSE SILVA
No. 55267
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



PAVEMENT DELINEATION AND SIGN PLAN
SCALE 1"=20'
PD-6

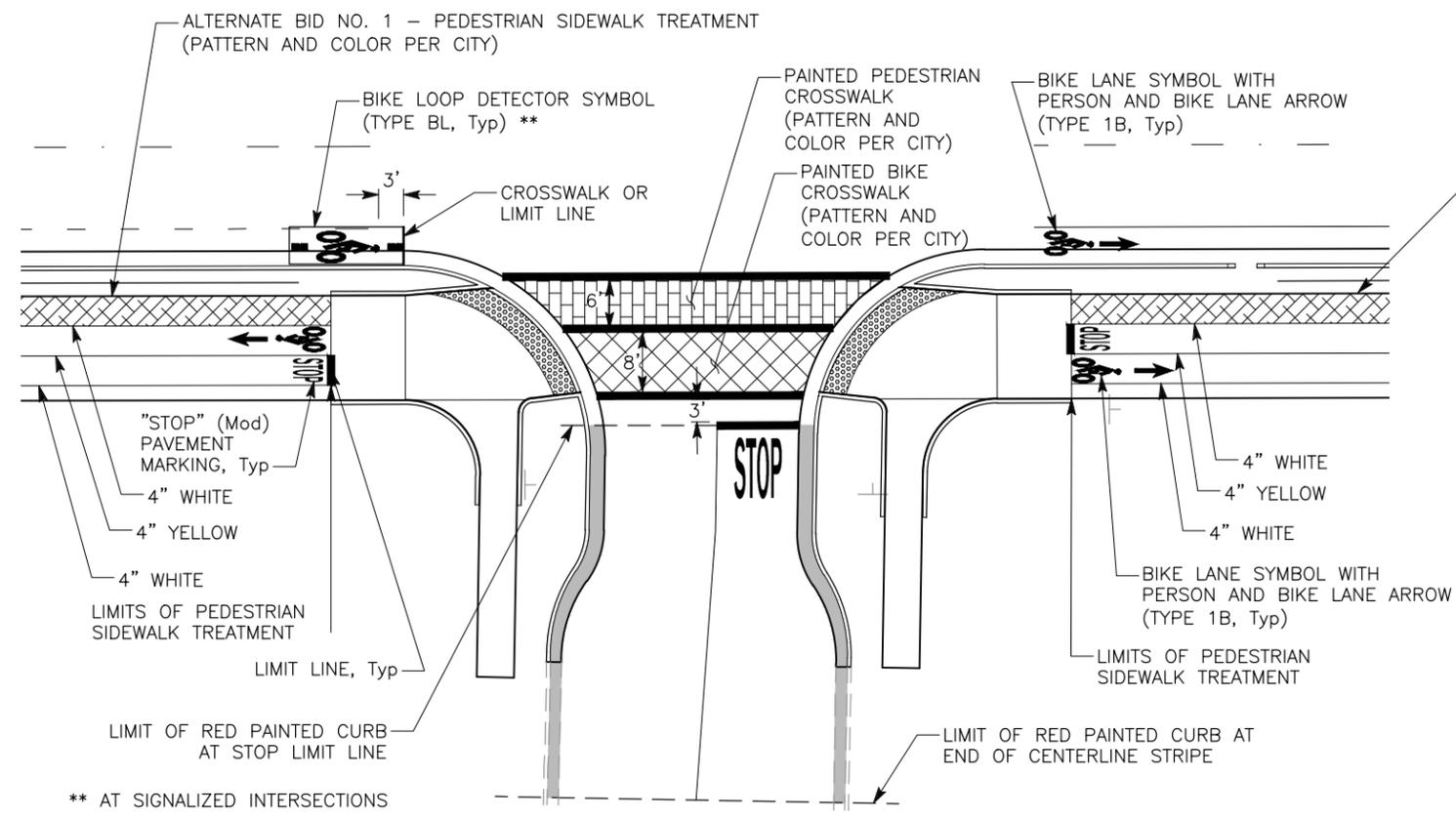
APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

LAST REVISION DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 3:35 pm

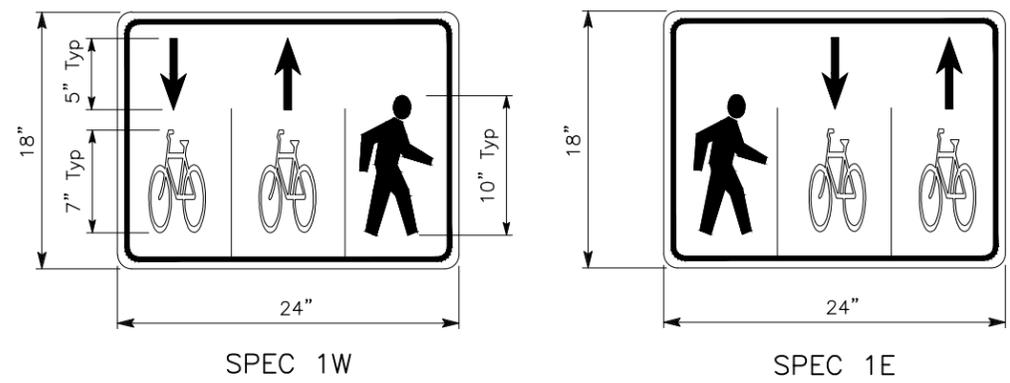
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 REVISIONS: *
 DESIGNED BY: C. SALILICAN
 CHECKED BY: JOSE SILVA
 CALCULATED/DESIGNED BY: A. CASTLE-KEANE
 CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
 CONSULTANT FUNCTIONAL SUPERVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			81	112

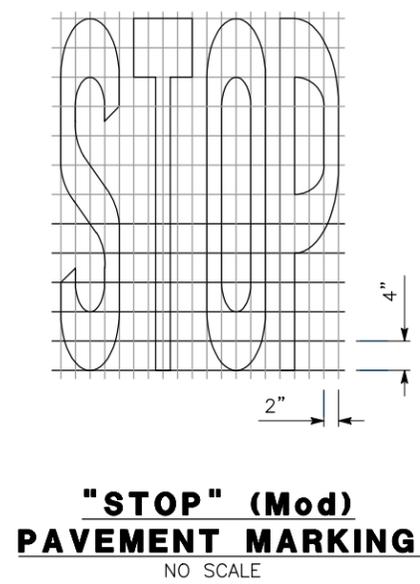
REGISTERED CIVIL ENGINEER DATE: 12/14/16
 F. JOSE SILVA No. 55267 Exp. 9/30/18 CIVIL
 PLANS APPROVAL DATE
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 CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
 DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670



PAVEMENT MARKINGS AT INTERSECTION, Typ
 NO SCALE



SPECIAL SIGN
 NO SCALE



PAVEMENT DELINEATION AND SIGN DETAILS

SCALE 1"=20' **PDD-1**

DATE PLOTTED => Dec 15, 2016 TIME PLOTTED => 3:36 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-SQ.dwg, 12/15/2016 3:36 PM, * * *

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CALCULATED-DESIGNED BY C. SALILICAN	REVISOR BY A. CASTLE-KEANE
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA	CHECKED BY	DATE REVISED

ROADSIDE SIGN QUANTITIES						
SHEET NO.	SIGN CODE	PANEL SIZE (INCHES)	PANEL AREA (SQFT)	ROADSIDE SIGN (EA)	RELOCATE ROADSIDE SIGN (EA)	SIGN MESSAGE
PD-1	D11-1	24X18	3			BIKE ROUTE
PD-1	M6-1	12X9	0.75	X		DIRECTIONAL ARROW RIGHT
PD-1	R26(CA)					NO PARKING ANYTIME
PD-1	R81(CA)				X	BIKE LANE
PD-2	R10-15 (Mod)	30X30	6.25	X		TURNING VEHICLES YIELD TO PEDESTRIAN
PD-2	R28(R) (CA)					NO PARKING ANYTIME (ARROW RIGHT)
PD-2	R81(CA)				X	BIKE LANE
PD-2	W11-15	18X18	2.25			ICON: BIKE AND PEDESTRIAN
PD-2	W1-7	24X12	2.00	X		TWO-DIRECTION LARGE ARROW
PD-2	SNS				X	STREET NAME SIGN
PEBBLE BEACH						
PD-2	R1-1				X	STOP
PD-2	W11-15	18X18	2.25			ICON: BIKE AND PEDESTRIAN
PD-2	W1-7	24X12	2.00	X		TWO-DIRECTION LARGE ARROW
PD-2	R1-1	18X18	2.25	X		STOP
PD-2	SPEC 1W	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-2	R26(CA)					NO PARKING ANYTIME
PD-2	R81(CA)				X	BIKE LANE
PD-2	R26(CA)					NO PARKING ANYTIME
PD-2	R81(CA)				X	BIKE LANE
PD-2	R10-15 (Mod)	30X30	6.25	X		TURNING VEHICLES YIELD TO PEDESTRIAN
PD-2	SPEC 1W	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-2	R1-1	18X18	2.25	X		STOP
PD-2	W11-15	18X18	2.25			ICON: BIKE AND PEDESTRIAN
PD-2	W11-15P	18X12	1.50	X		TRAIL XING
PD-2	SNS				X	STREET NAME SIGN
SANTA BARBARA SHORES						
PD-2	R1-1				X	STOP
PD-2	W11-15	18X18	2.25			ICON: BIKE AND PEDESTRIAN
PD-2	W1-7	24X12	1.00	X		TWO-DIRECTION LARGE ARROW
PD-2	SPEC 1E	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-2	R1-1	18X18	2.25	X		STOP
PD-2	R26(CA)					NO PARKING ANYTIME
PD-2	R81(CA)				X	BIKE LANE
PD-2	BUS STOP				X	BUS STOP SIGN
PD-2	R26(CA)					NO PARKING ANYTIME
PD-2	R81(CA)				X	BIKE LANE
PD-2	R2-1(45)				X	SPEED LIMIT 45
PD-3	R26(CA)					NO PARKING ANYTIME
PD-3	R81(CA)				X	BIKE LANE
PD-3	R10-15 (Mod)	30X30	6.25	X		TURNING VEHICLES YIELD TO PEDESTRIAN
PD-3	SPEC 1W	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-3	R1-1	18X18	2.25	X		STOP
PD-3	SNS				X	STREET NAME SIGN
SUBTOTAL (THIS SHEET)			59.00	16	14	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			82	112

12/14/16
DATE

REGISTERED CIVIL ENGINEER



PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	DRAKE HAGLAN AND ASSOCIATES 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670
--	---

SIGN QUANTITIES

NO SCALE

SQ-1

DATE PLOTTED => Dec 15, 2016
TIME PLOTTED => 3:36 pm
LAST REVISION 06-05-16

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-SQ.dwg, 12/15/2016 3:37 PM, X

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY	
C.SALILICAN	A. CASTLE-KEANE	
REVISED BY	DATE REVISED	

SHEET NO.	SIGN CODE	PANEL SIZE (INCHES)	PANEL AREA (SQFT)	ROADSIDE SIGN (EA)	RELOCATE ROADSIDE SIGN (EA)	SIGN MESSAGE
PD-3	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-3	W11-15P	18X12	1.50			TRAIL XING
PALO ALTO						
PD-3	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-3	W1-7	24X12	2.00			TWO-DIRECTION LARGE ARROW
PD-3	R1-1	18X18			X	STOP
PD-3	SPEC 1E	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-3	R1-1	18X18	2.25	X		STOP
PD-3	R26(CA)				X	NO PARKING ANYTIME
PD-3	R81(CA)				X	BIKE LANE
PD-3	R26A(CA)				X	NO PARKING ANYTIME
PD-3	R81(CA)				X	BIKE LANE
PD-3	BUS STOP				X	BUS STOP SIGN
PD-3	R26(CA)				X	NO PARKING ANYTIME
PD-3	R81(CA)				X	BIKE LANE
PD-3	R10-15 (Mod)	30X30	6.25	X		TURNING VEHICLES YIELD TO PEDESTRIAN
PD-3	SPEC 1W	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-3	R1-1	18X18	2.25	X		STOP
PD-3	SNS				X	STREET NAME SIGN
PD-3	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-3	W1-7	24X12	2.00			TWO-DIRECTION LARGE ARROW
CORONADO						
PD-3	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-3	W1-7	24X12	2			TWO-DIRECTION LARGE ARROW
PD-3	R1-1				X	STOP
PD-3	SPEC 1E	24X18	3	X		SHARED PEDESTRIAN AND BIKE LANE
PD-3	R1-1	18X18	2.25	X		STOP
PD-3	R26(CA)				X	NO PARKING ANYTIME
PD-3	R81(CA)				X	BIKE LANE
PD-4	R26(CA)				X	NO PARKING ANYTIME
PD-4	R81(CA)				X	BIKE LANE
PD-4	R4-7	18X24	3	X		KEEP RIGHT
PD-4	R26(CA)				X	NO PARKING ANYTIME
PD-4	R81(CA)				X	BIKE LANE
PD-4	R26(CA)				X	NO PARKING ANYTIME
PD-4	R81(CA)				X	BIKE LANE
PD-4	R26(CA)				X	NO PARKING ANYTIME
PD-4	R81(CA)				X	BIKE LANE
PD-4	R10-15 (Mod)	30X30	6.25	X		TURNING VEHICLES YIELD TO PEDESTRIAN
PD-4	SPEC 1W	24X18	3	X		SHARED PEDESTRIAN AND BIKE LANE
PD-4	R1-1	18X18	2.25	X		STOP
PD-4	R10-22	12X18	1.50	X		TO REQUEST GREEN WAIT ON BIKE SYMBOL
PD-4	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-4	W1-7	24X12	2			TWO-DIRECTION LARGE ARROW
ENTRANCE						
PD-4	G1-7(CA)				X	DESTINATION
SUBTOTAL (THIS SHEET)			58.75	16	13	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			83	112

12/14/16
 REGISTERED CIVIL ENGINEER DATE
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670

SIGN QUANTITIES
 NO SCALE
SQ-2

DATE PLOTTED => Dec 15, 2016
 TIME PLOTTED => 3:37 pm

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-SQ.dwg, 12/15/2016 3:37 PM, * * * * *

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
JOSE SILVA	C. SALILICAN	A. CASTLE-KEANE	DATE REVISOR

SHEET NO.	SIGN CODE	PANEL SIZE (INCHES)	PANEL AREA (SQFT)	ROADSIDE SIGN (EA)	RELOCATE ROADSIDE SIGN (EA)	SIGN MESSAGE
PD-4	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-4	W1-7	24X12	2		TWO-DIRECTION LARGE ARROW	
PD-4	SPEC 1E	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-4	R1-1	18X18	2.25			STOP
PD-4	R10-22	12X18	1.50	X		TO REQUEST GREEN WAIT ON BIKE SYMBOL
PD-4	R10-22	12X18	1.50	X		TO REQUEST GREEN WAIT ON BIKE SYMBOL
PD-5	BUS STOP				X	BUS STOP SIGN
PD-5	R10-15 (Mod)	30X30	6.25	X		TURNING VEHICLES YIELD TO PEDESTRIAN
PD-5	SPEC 1W	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-5	R1-1	18X18	2.25	X		STOP
PD-5	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-5	W1-7	24X12	2.00		TWO-DIRECTION LARGE ARROW	
CANNON GREEN						
PD-5	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-5	W1-7	24X12	2.00		TWO-DIRECTION LARGE ARROW	
PD-5	R1-1				X	STOP
PD-5	SNS				X	STREET NAME SIGN
PD-5	SPEC 1E	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-5	R1-1	18X18	2.25	X		STOP
PD-5	R26(CA)				X	NO PARKING ANYTIME
PD-5	R81(CA)					BIKE LANE
PD-5	BUS STOP				X	BUS STOP SIGN
PD-5	R2-1(45)				X	SPEED LIMIT 45
PD-5	R6-1				X	ONE WAY
PD-6	R26(CA)				X	NO PARKING ANYTIME
PD-6	R81(CA)					BIKE LANE
PD-6	R10-15 (Mod)	30X30	6.25	X		TURNING VEHICLES YIELD TO PEDESTRIAN
PD-6	SPEC 1W	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-6	R1-1	18X18	2.25	X		STOP
PD-6	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-6	W1-7	24X12	2.00		TWO-DIRECTION LARGE ARROW	
PD-6					X	NOT A THROUGH STREET
LOWELL WAY						
PD-6	W11-15	18X18	2.25	X		ICON: BIKE AND PEDESTRIAN
PD-6	W1-7	24X12	2.00		TWO-DIRECTION LARGE ARROW	
PD-6	R1-1				X	STOP
PD-6	SNS				X	STREET NAME SIGN
PD-6	SPEC 1E	24X18	3.00	X		SHARED PEDESTRIAN AND BIKE LANE
PD-6	R1-1	18X18	2.25	X		STOP
PD-6	R3-4				X	NO U-TURN
PD-6	R4-7	18X24	3.00	X		KEEP RIGHT
PD-7	R4-7	18X24	3.00	X		KEEP RIGHT
SUBTOTAL (THIS SHEET)			69.00	20	12	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			84	112

REGISTERED CIVIL ENGINEER *[Signature]* DATE 12/14/16

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670

SIGN QUANTITIES
 NO SCALE
SQ-3

U:\16020 - Hollister Class 1 Bike-Ped Path Imp. - Goleta\400 Project Design Files\420 Roadway & Civil\Submittal Final\Plans\HA-R-SQ.dwg, 12/15/2016 3:37 PM, *

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR BY	DATE
	JOSE SILVA	C. SALILICAN		
		CHECKED BY	DATE REVISED	
		A. CASTLE-KEANE		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			85	112

REGISTERED CIVIL ENGINEER  DATE 12/14/16

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 F. JOSE SILVA
 No. 55267
 Exp. 9/30/18
 CIVIL
 STATE OF CALIFORNIA

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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

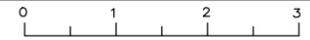
DRAKE HAGLAN AND ASSOCIATES
 11060 White Rock Road, Suite 200
 Rancho Cordova, CA 95670

SHEET NO.	SIGN CODE	PANEL SIZE (INCHES)	PANEL AREA (SQFT)	ROADSIDE SIGN (EA)	RELOCATE ROADSIDE SIGN (EA)	SIGN MESSAGE
PD-7	R3-4				X	NO U-TURN
PD-7	R10-22	12X18	1.50	X		TO REQUEST GREEN WAIT ON BIKE SYMBOL
PD-7	R1-1	18X18	2.25			STOP
PD-7	R10-22	12X18	1.50	X		TO REQUEST GREEN WAIT ON BIKE SYMBOL
PD-7	W11-15	18X18	2.25		X	ICON: BIKE AND PEDESTRIAN
PD-7	W1-7	24X12	2.00			TWO-DIRECTION LARGE ARROW
PACIFIC OAKS						
PD-7	W11-15	18X18	2.25		X	ICON: BIKE AND PEDESTRIAN
PD-7	W1-7	24X12	2.00			TWO-DIRECTION LARGE ARROW
PD-7	R10-22	12X18	1.50	X		TO REQUEST GREEN WAIT ON BIKE SYMBOL
SUBTOTAL (THIS SHEET)			15.25	5	1	
TOTAL			202.00	57	40	

SIGN QUANTITIES

NO SCALE

SQ-4



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			92	112

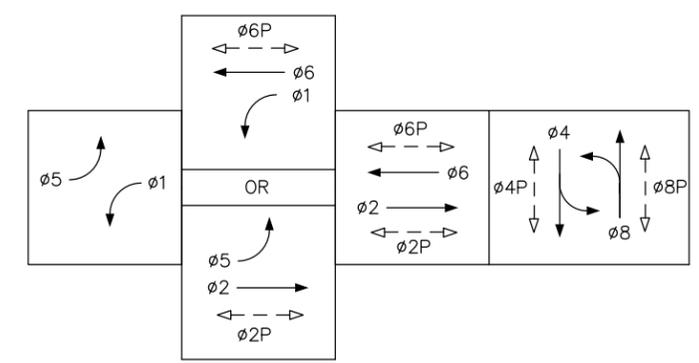
<i>K. Chan</i> REGISTERED CIVIL ENGINEER	12/14/16 DATE
PLANS APPROVAL DATE _____	
<small>THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	
CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	 <small>3525 RAMOS CIRCLE SACRAMENTO, CA 95827 (916) 366-8000 FAX: (916) 366-8008</small>

NOTE:

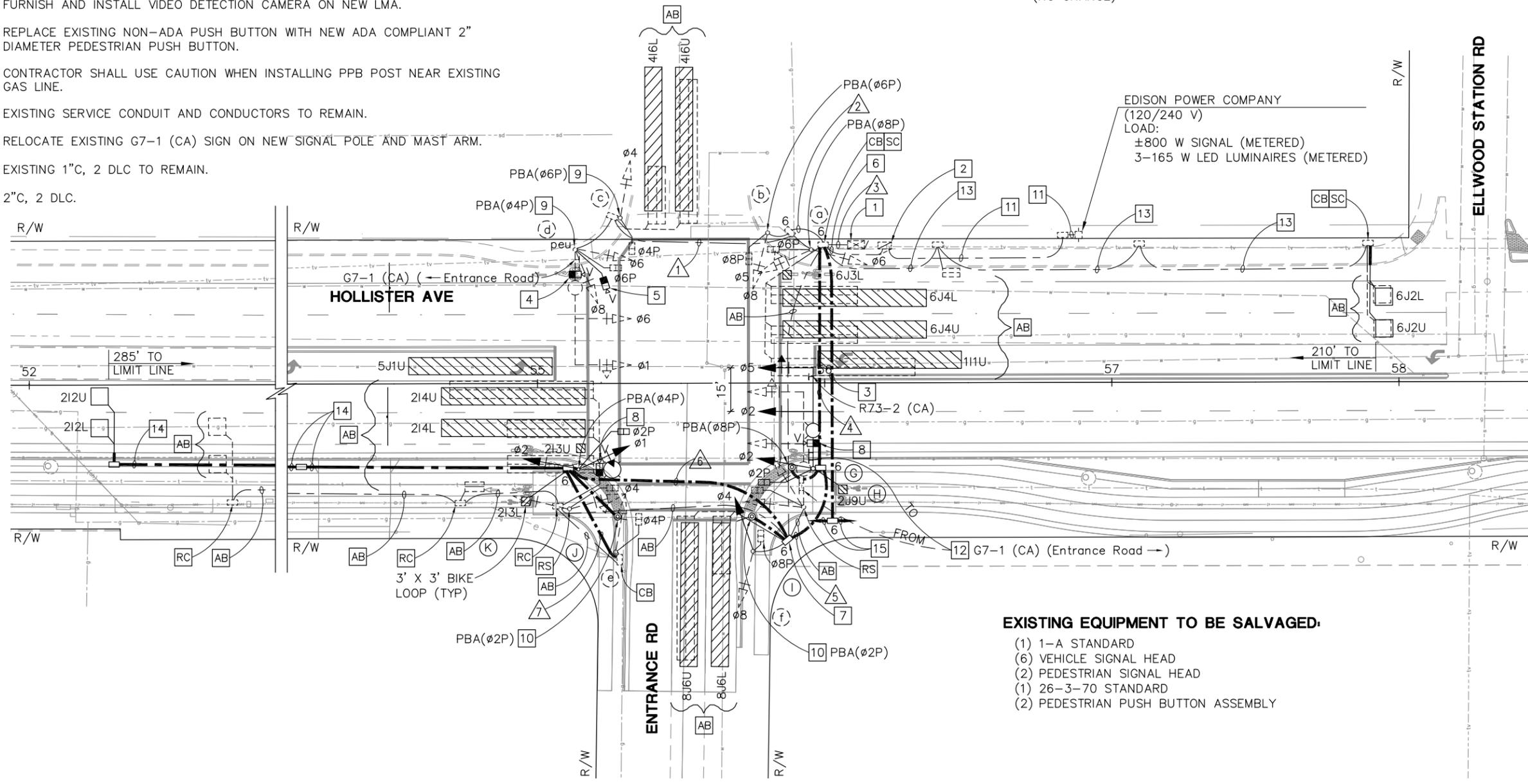
SEE SHEET E-1 FOR GENERAL NOTES, LEGEND AND STANDARD PROJECT NOTES.

PROJECT NOTES (FOR THIS SHEET ONLY):

- 1 EXISTING MODEL 170 CONTROLLER WITH MODEL 332 CABINET. INSTALL VIDEO DETECTION CONTROL UNIT INSIDE THE CABINET.
- 2 EXISTING TYPE III-AF SERVICE EQUIPMENT ENCLOSURE TO REMAIN.
- 3 FURNISH AND INSTALL 3"C, PT FOR FUTURE SIC.
- 4 FURNISH AND INSTALL VIDEO DETECTION CAMERA ON EXISTING LMA.
- 5 FURNISH AND INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL STANDARD.
- 6 EXISTING 2"C, 2#8 (120 V SIGNAL), 4#10 (120 V LIGHTING), 3#14 (PEU).
- 7 REPLACE EXISTING PULL BOX WITH NEW No. 6(E) PULL BOX.
- 8 FURNISH AND INSTALL VIDEO DETECTION CAMERA ON NEW LMA.
- 9 REPLACE EXISTING NON-ADA PUSH BUTTON WITH NEW ADA COMPLIANT 2" DIAMETER PEDESTRIAN PUSH BUTTON.
- 10 CONTRACTOR SHALL USE CAUTION WHEN INSTALLING PPB POST NEAR EXISTING GAS LINE.
- 11 EXISTING SERVICE CONDUIT AND CONDUCTORS TO REMAIN.
- 12 RELOCATE EXISTING G7-1 (CA) SIGN ON NEW SIGNAL POLE AND MAST ARM.
- 13 EXISTING 1"C, 2 DLC TO REMAIN.
- 14 2"C, 2 DLC.
- 15 SEE SHEET E-5 FOR CONTINUATION.



EXISTING PHASE DIAGRAM
(NO CHANGE)



- EXISTING EQUIPMENT TO BE SALVAGED:**
- (1) 1-A STANDARD
 - (6) VEHICLE SIGNAL HEAD
 - (2) PEDESTRIAN SIGNAL HEAD
 - (1) 26-3-70 STANDARD
 - (2) PEDESTRIAN PUSH BUTTON ASSEMBLY

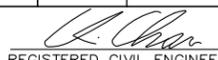
**MODIFYING A SIGNAL AND LIGHTING SYSTEM
(HOLLISTER AVE AT ENTRANCE RD)**

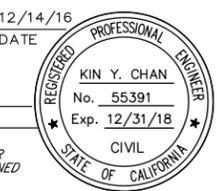
SCALE 1"=20'

E-7

REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			93	112


 REGISTERED CIVIL ENGINEER DATE 12/14/16



PLANS APPROVAL DATE _____
 THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117


 Y&C TRANSPORTATION CONSULTANTS, INC.
 3525 RAMOS CIRCLE
 SACRAMENTO, CA 95827
 (916) 366-8000 FAX: (916) 366-8008

CONDUIT AND CONDUCTOR SCHEDULE

AWG	CONDUCTOR SCHEDULE	CONDUIT RUN NUMBER						
		1	2	3	4	5	6	7
14	Ø1 SIGNAL HEADS	3	3	3 ⁺	3	3	3	
	Ø2 SIGNAL HEADS			3	3	3	3	
	Ø4 SIGNAL HEADS	3	3	3 ⁺	3	3	3	3
	Ø5 SIGNAL HEADS			3	3			
	Ø6 SIGNAL HEADS	3	3	3				
	Ø8 SIGNAL HEADS	3	3	3 ⁺	3	3		
	Ø2 PED HEADS			2	2	2	2	
	Ø4 PED HEADS	2	2	2 ⁺	2	2	2	2
	Ø6 PED HEADS	2	2	2				
	Ø8 PED HEADS		2	2 ⁺	2	2		
	Ø2 PBA			1	1	1	1	
	Ø4 PBA	1	1	1	1	1	1	
	Ø6 PBA	1	1	1				
	Ø8 PBA			1	1			
PBA COMON	1	1	2	1	1	1		
PEU	3	3						
SPARES	3	3	6	3	3	3	3	
TOTAL		25	27	49	26	23	18	8
10	SIGNAL COMMON	1	1	2	1	1	1	1
	LUMINAIRES	2	2		2	2	2	
	TOTAL	3	3	2	3	3	3	1
8	SIGNAL SERVICE			2				
DLC	111U			1 ⁻				
	212L			1*	1	1	1	
	212U			1*	1	1	1	
	213U			1 ⁻				
	213L			1	1	1	1	
	214L			1 ⁻				
	214U			1 ⁻				
	2J9U			1	1			
	416L	1 ⁻	1 ⁻	1 ⁻				
	416U	1 ⁻	1 ⁻	1 ⁻				
	5JU			1 ⁻				
	6J2L			1				
	6J2U			1				
	6J3U			1 ⁻				
6J4L			1 ⁻					
6J4U			1 ⁻					
8J6L			1 ⁻					
8J6U			1 ⁻					
TOTAL			6	4	3	3		
	VIDEO DETECTION CABLE	2 ⁺	2 ⁺	4 ⁺	2	1	1	
	CONDUIT SIZE	3"	4"	4"	2-3"	2-3"	2-3"	3"
	NEW (N)/EXISTING (E)	E	E	E	N	N	N	N
	% FILL	20	12	25	12	8	8	7

- = REMOVE EXISTING CONDUCTORS/CABLES IN EXISTING CONDUIT.
 + = INSTALL NEW CONDUCTORS/CABLES IN EXISTING CONDUIT.
 * = REMOVE EXISTING CABLES. INSTALL NEW CABLES AS INDICATED.

EQUIPMENT SCHEDULE

LOCATION	STANDARD TYPE	MAST ARM		VEHICLE SIGNAL MOUNTING		PED SIGNAL MTG	PBA		LUMINAIRE LED (MAX WATTAGE)	STATION	OFFSET	NOTES
		SIG	LUM	MAST ARM	POLE		Ø	ARROW				
(a)	EXISTING 1-A				TV-2-T	SP-1-T	8	RT				
(b)	EXISTING 1-A				TV-1-T	SP-1-T	6	LT				
(c)	EXISTING 1-A				TV-1-T	SP-1-T	6	LT				SEE NOTE [9] ON SHEET E-7.
(d)	EXISTING 26-3-70	40'	12'	MAS MAS	SV-2-TB	SP-1-T	4	LT	165W			SEE NOTES [4], [5] AND [9] ON SHEET E-7.
(e)	EXISTING 1-A				TV-1-T	SP-1-T	2	LT				
(f)	EXISTING 1-A				TV-2-T	SP-1-T	2	RT				
(g)	24-4-100	35'	15'	MAS MAS	SV-1-T	SP-1-T			165W	55+96	29.6'	SEE NOTE [8] AND [12] ON SHEET E-7. [IS] R73-2 (CA)
(h)	PBA POST						8	LT		55+88	30.2'	
(i)	PBA POST						2	RT		55+75	46.4'	SEE NOTE [10] ON SHEET E-7.
(j)	PBA POST						2	LT		55+27	46.4'	SEE NOTE [10] ON SHEET E-7.
(k)	15TS		12'		SV-2-TA	SP-1-T	4	RT	165W	55+15	29.8'	SEE NOTE [8] ON SHEET E-7.

 REMOVE EQUIPMENT
 NEW EQUIPMENT ON EXISTING SIGNAL STANDARD

MODIFYING A SIGNAL AND LIGHTING SYSTEM

(EQUIPMENT, CONDUIT AND CONDUCTOR SCHEDULE)

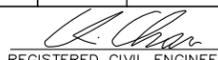
(HOLLISTER AVE AT ENTRANCE RD)

E-8

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
 CONSULTANT FUNCTIONAL SUPERVISOR
 K. DANIEL YAU
 CALCULATED/DESIGNED BY
 V. BALTAZAR
 K. CHAN
 REVISOR BY
 DATE REVISOR

DATE PLOTTED => Dec 14, 2016
 TIME PLOTTED => 4:41 pm
 LAST REVISION 12/14/16

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			95	112


 REGISTERED CIVIL ENGINEER DATE 12/14/16

 PLANS APPROVAL DATE
 THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
 CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117


CONDUCTOR SCHEDULE

CABLE TYPE	S T D	PHASE	NUMBER OF CONDUCTORS/CABLES							
			RUN NUMBER							
			1	2	3	4	5	6	7	
VEH-PED 12CSC	(a)	ø4,ø8,ø8P	1	1		1*				1
	(b)	ø2,ø5,ø2P	1	1		1*				1
	(c)	ø5,ø6,ø8,ø8P			1	1	1	1		
	(d)	ø1,ø6,ø8,ø6P			1	1	1			
	(E)	ø1,ø2,ø4		1		1*				1
	(F)			1		1*				1
PBA 3CSC	(G)	ø2P,ø8P	2	2		2*				2
	(H)	ø6P			1+	1+	1	1	1	1
TOTAL CABLES 12/3 CONDUCTORS			2	3	3	6	2	1	3	4
#10	LUMINAIRES		2	2	2					
	SIGNAL COMMON		1	1	2	2	1	1		
	TOTAL		3	3	4	2	1	1		
#8	SIGNAL SERVICE					2				
	111U				1-	1-	1-			
	212L			1	1+	1+				
	212U			1	1+	1+				
	213L			1	1+	1+				
	214L			1-	1-	1-				
	214U			1-	1-	1-				
	416U				1-	1-				
	5J1U			1-	1-	1-				
	6J2L					1*	1*			1
	6J2U					1*	1*			1
	6J3U				1-	1-	1-			
	6J4L				1-	1-	1-			
	6J4U				1-	1-	1-			
	8J6L				1-	1-				
8J6U				1-	1-					
TOTAL			1	1	3	2			2	
VIDEO DETECTION CABLE			1	2	4+	4+	1+	1	1	
CONDUIT SIZE			2-3"	2-3"	4"	4"	3"	3"	4"	
NEW/EXISTING (N/E)			N	N	E	E	E	N	N	
% FILL			11	22	27	48	24	13	21	

- = REMOVE EXISTING CONDUCTORS/CABLES IN EXISTING CONDUIT.
 + = INSTALL NEW CONDUCTORS/CABLES IN EXISTING CONDUIT.
 * = REMOVE EXISTING CABLES. INSTALL NEW CABLES AS INDICATED.

EQUIPMENT SCHEDULE

LOCATION	STANDARD TYPE	MAST ARM		VEHICLE SIGNAL MOUNTING		PED SIGNAL MTG	PBA		LUMINAIRE LED (MAX WATTAGE)	STATION	OFFSET	NOTES
		SIG	LUM	MAST ARM	POLE		ø	ARROW				
(a)	EXISTING 1-A				TV-2-T	SP-1-T	2	RT				
(b)	EXISTING 26-3-70	45'	12'	MAS MAS	SV-1-T	SP-1-T	8	LT	165W			SEE NOTES 1 AND 5 ON SHEET E-9.
(c)	EXISTING 1-A				TV-3-T	SP-1-T	8	LT				
(d)	EXISTING 26-3-70	45'	12'	MAS MAS	SV-2-TA	SP-1-T	6	RT	165W			SEE NOTE 5 ON SHEET E-9.
(E)	15TS		15'		SV-3-TB	SP-1-T			165W	80+42	49.6'	SEE NOTES 6 AND 9 ON SHEET E-9.
(F)	PBA POST						2	LT		80+56	54.2'	
(G)	PBA POST						8	LT		81+48	51.1'	
(H)	15TS*					SP-1-T	6	LT		80+87	48.8'	SEE NOTES 6 AND 9 ON SHEET E-9.

 REMOVE EQUIPMENT
 NEW EQUIPMENT ON EXISTING SIGNAL STANDARD
 * NO LMA AND NO LUMINAIRE

x
 REVISOR: V. BALTAZAR
 DATE: 12/14/16
 CHECKED BY: K. CHAN
 CALCULATED/DESIGNED BY: V. BALTAZAR
 CONSULTANT SUPERVISOR: K. DANIEL YAU
 CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

MODIFYING A SIGNAL AND LIGHTING SYSTEM

(EQUIPMENT, CONDUIT AND CONDUCTOR SCHEDULE)

(HOLLISTER AVE AT PACIFIC OAKS RD)

E-10

DATE PLOTTED => Dec 14, 2016
 TIME PLOTTED => 4:42 pm
 LAST REVISION 12/14/16

CITY OF GOLETA — DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR ANN SEVER, PLA	CALCULATED— DESIGNED BY	CHECKED BY	REVISOR	DATE

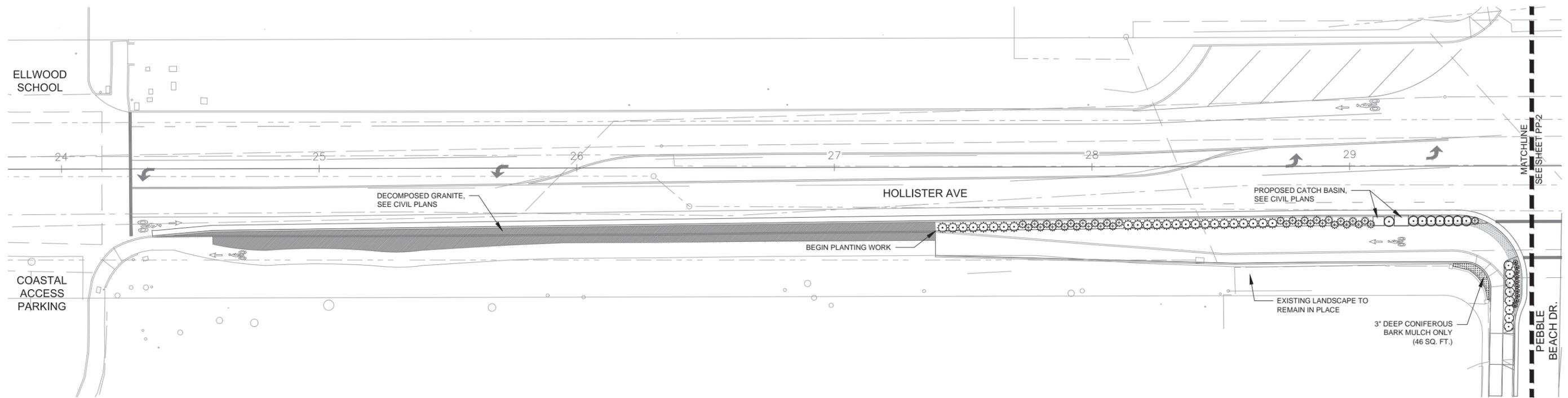
WALLACE GROUP
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			98	112

Ann Sever 12/14/2016
 REGISTERED CIVIL ENGINEER DATE
 PLANS APPROVAL DATE
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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

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1 PLANTING PLAN

PLANTING PLAN
 SCALE 1" = 20'
 PP-1

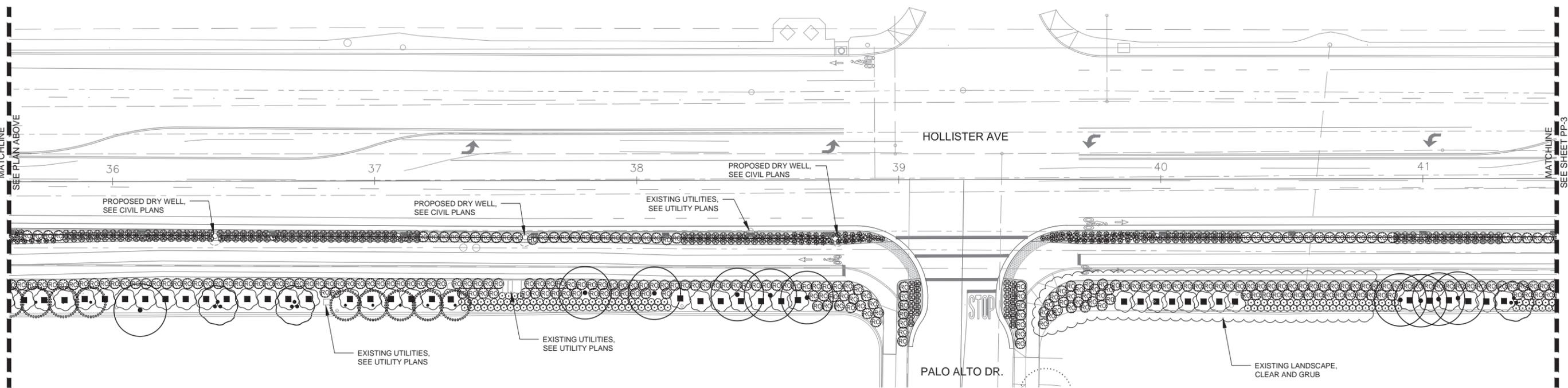
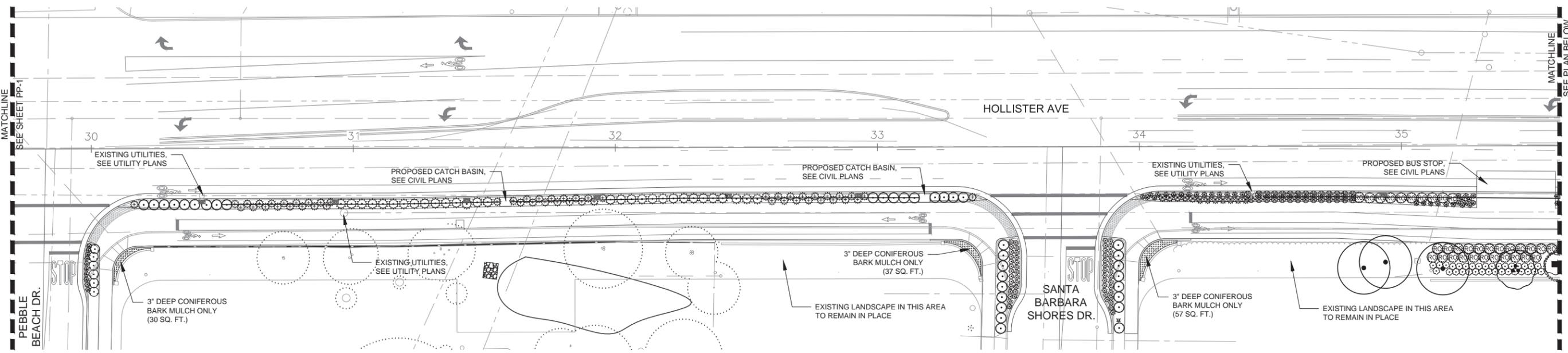
LAST REVISION 06-05-16
 DATE PLOTTED => 12/12/2016
 TIME PLOTTED => 2:31 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			99	112

Ann Sever
REGISTERED CIVIL ENGINEER
12/14/2016
DATE
PLANS APPROVAL DATE
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117
WALLACE GROUP
612 CLARION COURT
SAN LUIS OBISPO, CA 93401



PLANTING PLAN

SCALE 1" = 20'

PP-2

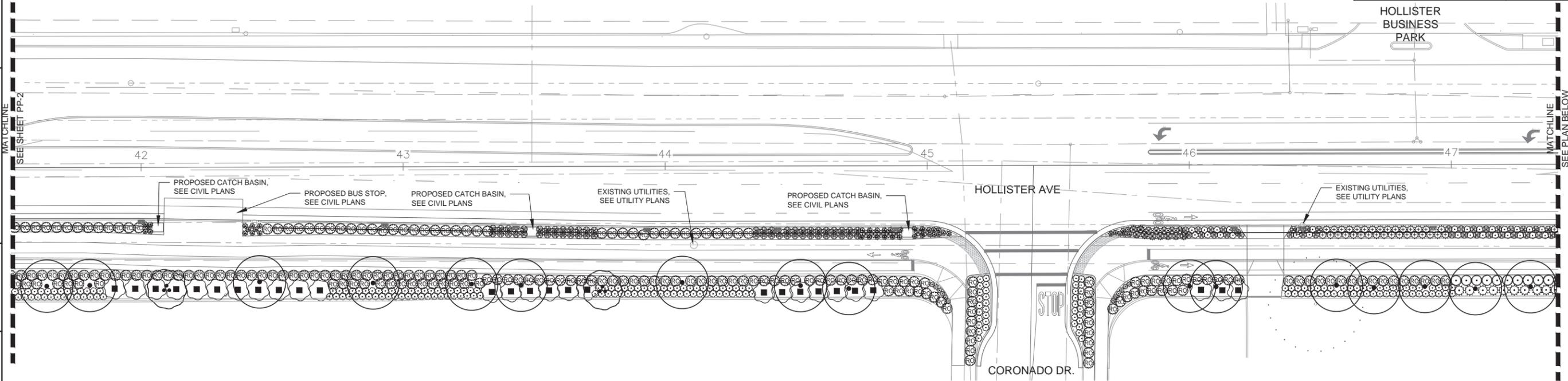
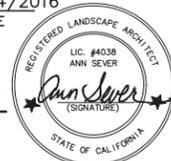
DATE PLOTTED => 12/12/2016
TIME PLOTTED => 2:31 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR
ANN SEVER, PLA
CALCULATED-DESIGNED BY
CHECKED BY
REVISOR BY
DATE REVISED

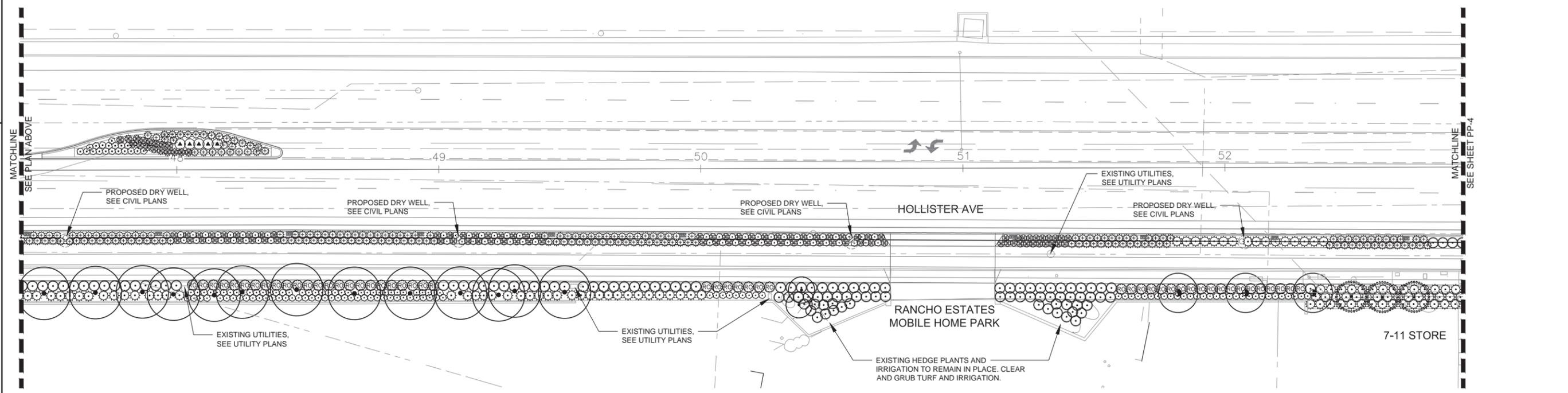


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			100	112

Ann Sever 12/14/2016
REGISTERED CIVIL ENGINEER DATE
PLANS APPROVAL DATE
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CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
WALLACE GROUP 612 CLARION COURT SAN LUIS OBISPO, CA 93401



1 PLANTING PLAN



2 PLANTING PLAN

PLANTING PLAN

SCALE 1" = 20'

PP-3

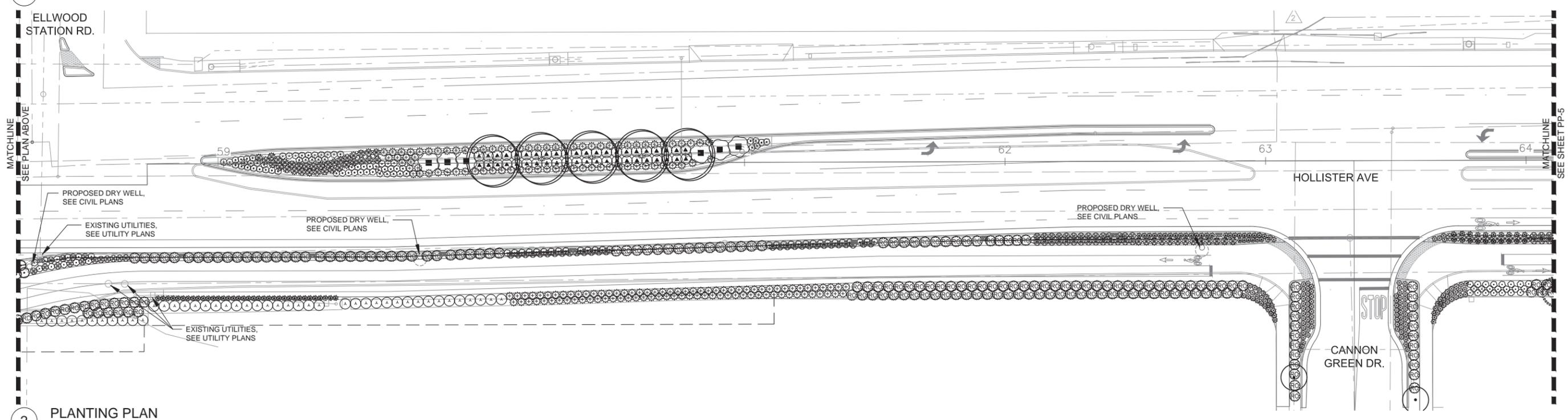
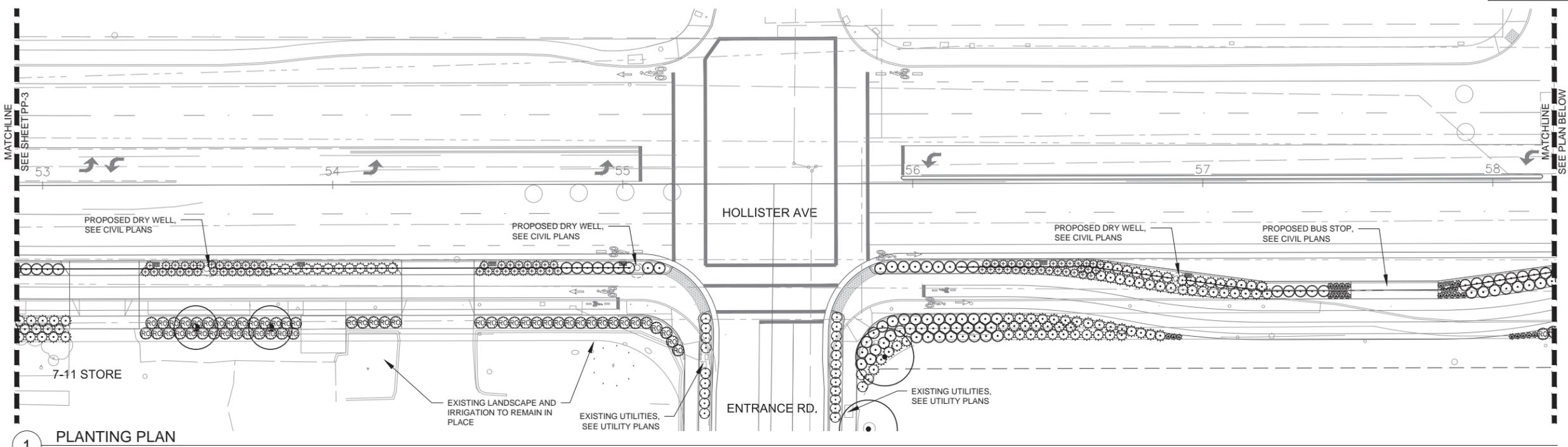
DATE PLOTTED => 12/12/2016
TIME PLOTTED => 2:31 PM
LAST REVISION 06-05-16

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR	DATE
	ANN SEVER, PLA	ANN SEVER		



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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			101	112
 REGISTERED CIVIL ENGINEER			12/14/2016 DATE		
PLANS APPROVAL DATE					
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PLANTING PLAN
 SCALE 1" = 20'
PP-4

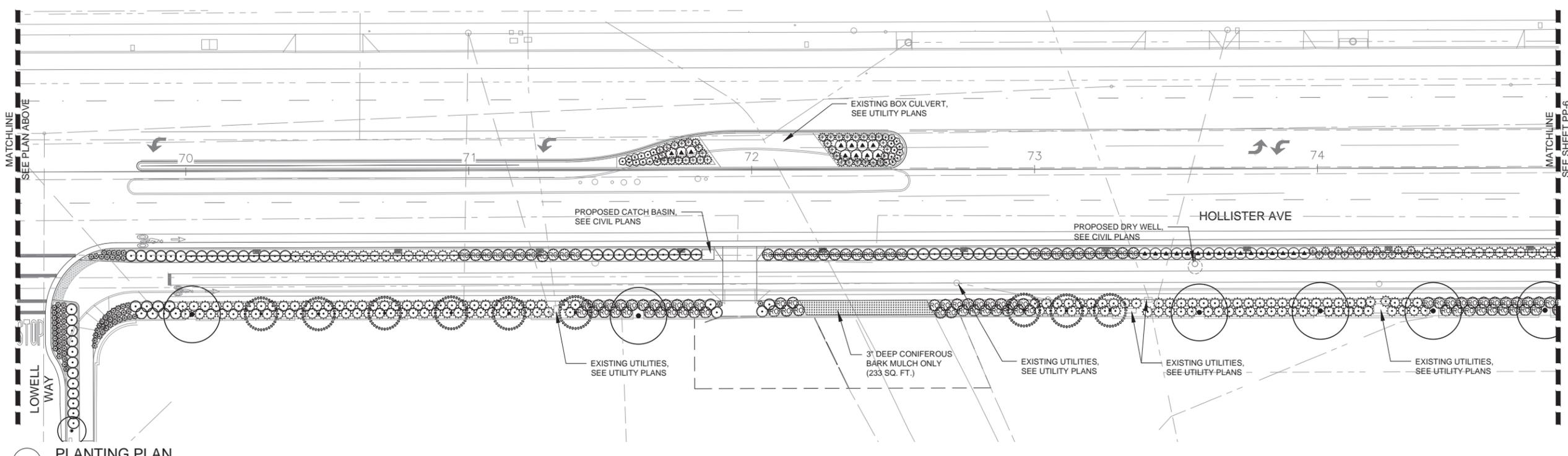
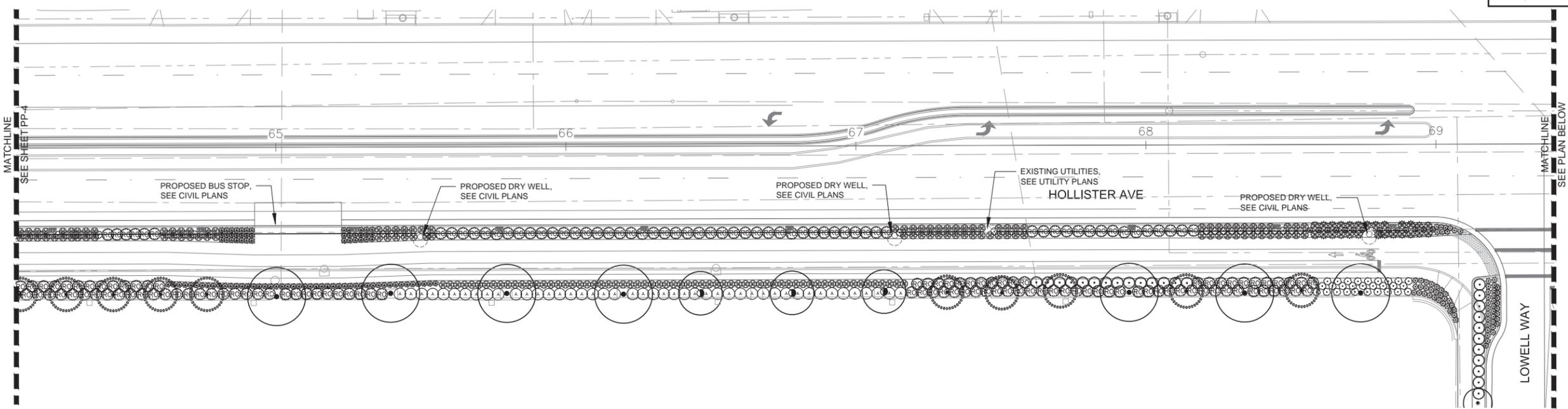
LAST REVISION DATE PLOTTED => 12/12/2016 TIME PLOTTED => 2:32 PM

CITY OF GOLETA — DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR
ANN SEVER, PLA
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REVISOR BY
DATE REVISED



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			102	112

Ann Sever 12/14/2016
REGISTERED CIVIL ENGINEER DATE
PLANS APPROVAL DATE
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WALLACE GROUP 612 CLARION COURT SAN LUIS OBISPO, CA 93401



PLANTING PLAN
SCALE 1" = 20'
PP-5

DATE PLOTTED => 12/12/2016 TIME PLOTTED => 2:32 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR ANN SEVER, PLA	CALCULATED-DESIGNED BY	CHECKED BY	REVISOR	DATE
		REVISOR	DATE	REVISOR	DATE

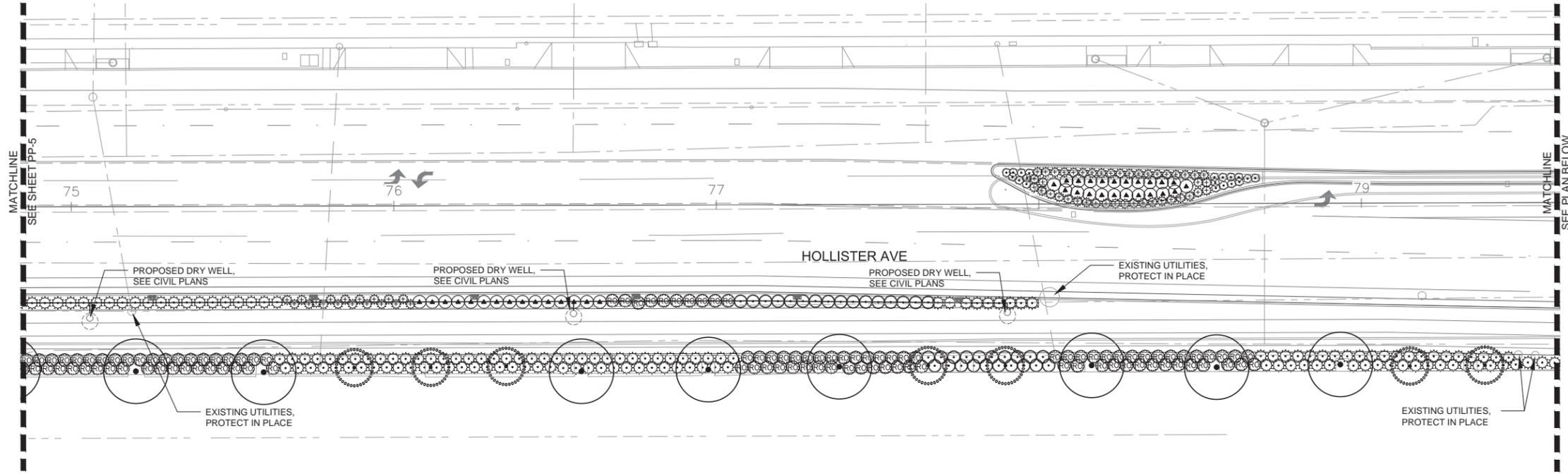
CIVIL AND TRANSPORTATION ENGINEERING
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			103	112

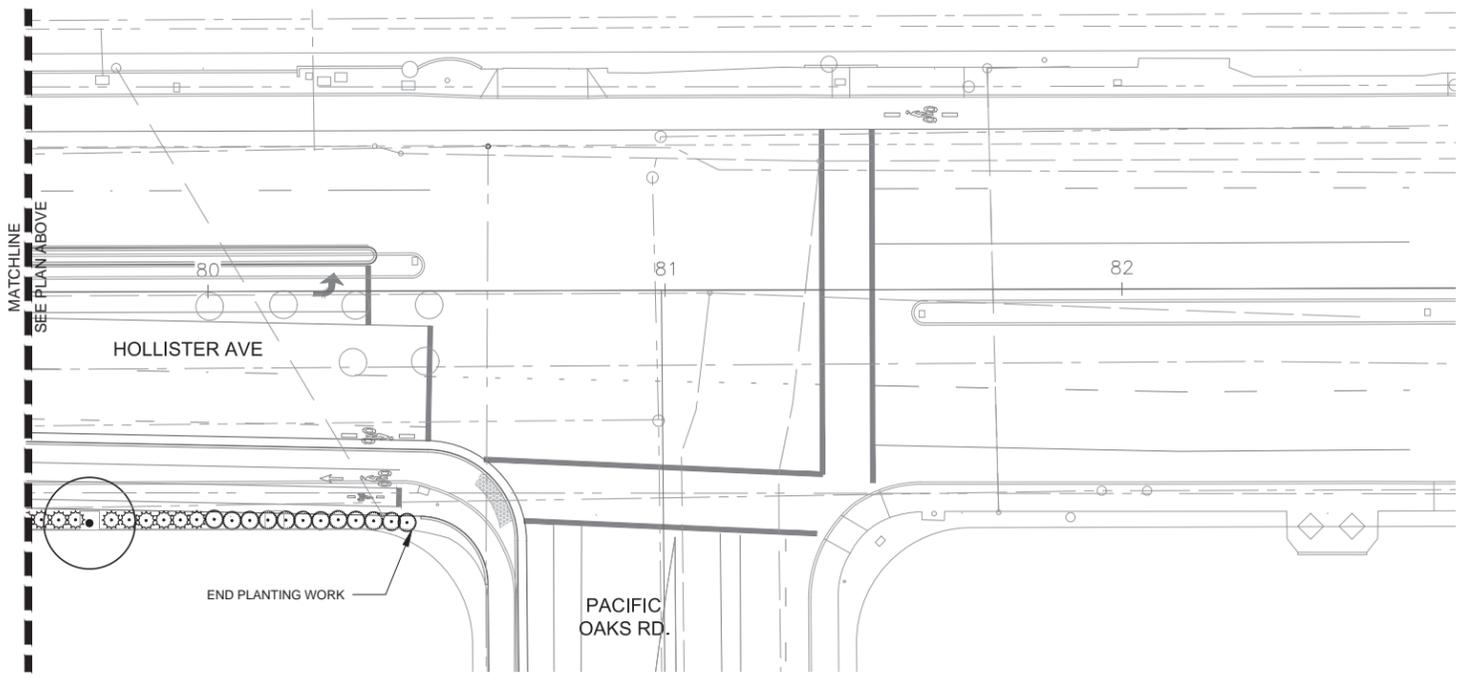
12/14/2016
 REGISTERED CIVIL ENGINEER DATE
 PLANS APPROVAL DATE
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CITY OF GOLETA
 DEPARTMENT OF PUBLIC WORKS
 130 CREMONA DRIVE, SUITE B
 GOLETA, CA 93117

WALLACE GROUP
 612 CLARION COURT
 SAN LUIS OBISPO, CA 93401



1 PLANTING PLAN

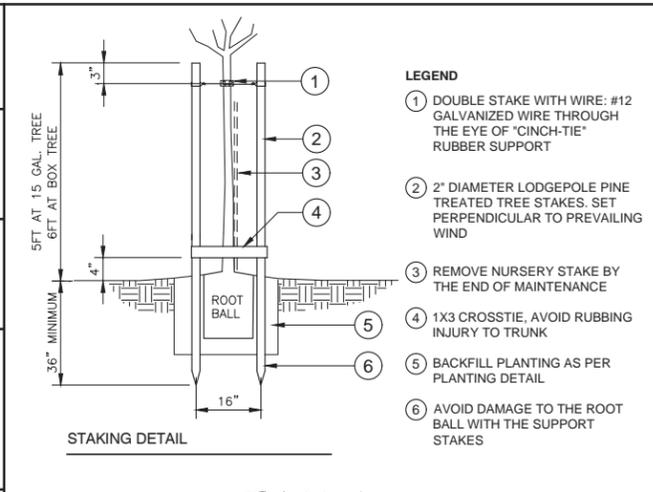


2 PLANTING PLAN

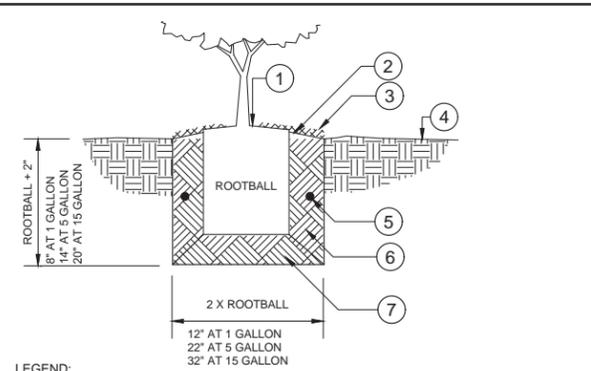
PLANTING PLAN
 SCALE 1" = 20'
PP-6

LAST REVISION
 06-05-16
 DATE PLOTTED => 12/12/2016
 TIME PLOTTED => 2:32 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	ANN SEVER, PLA	CHECKED BY	DATE REVISION
			CALCULATED-DESIGNED BY	REVISOR
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	ANN SEVER, PLA	DESIGNED BY	DATE REVISION
			CALCULATED-DESIGNED BY	REVISOR

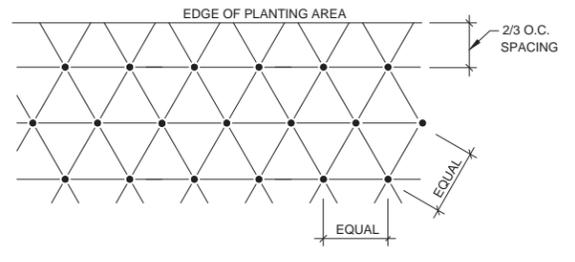


- LEGEND**
- ① DOUBLE STAKE WITH WIRE: #12 GALVANIZED WIRE THROUGH THE EYE OF "CINCH-TIE" RUBBER SUPPORT
 - ② 2" DIAMETER LODGEPOLE PINE TREATED TREE STAKES. SET PERPENDICULAR TO PREVAILING WIND
 - ③ REMOVE NURSERY STAKE BY THE END OF MAINTENANCE
 - ④ 1X3 CROSS TIE, AVOID RUBBING INJURY TO TRUNK
 - ⑤ BACKFILL PLANTING AS PER PLANTING DETAIL
 - ⑥ AVOID DAMAGE TO THE ROOT BALL WITH THE SUPPORT STAKES



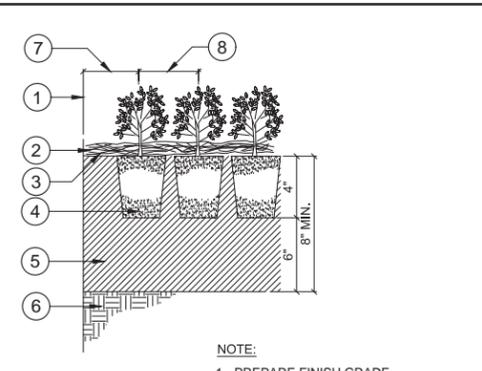
- LEGEND:**
- ① SET ROOTBALL CROWN 1" HIGHER THAN SURROUNDING FINISHED GRADE
 - ② SLOPE FINISHED GRADE AT BACKFILL AWAY FROM ROOTBALL
 - ③ MULCH 3" DEPTH
 - ④ FINISHED GRADE
 - ⑤ PLANT TABLETS AS SPECIFIED
 - ⑥ BACKFILL MIX, SEE NOTES AND SPECIFICATIONS
 - ⑦ NATIVE SOIL MIX, FIRMLY COMPACTED

2 SHRUB PLANTING
NO SCALE 329333.13-11



- NOTES:**
1. ALL SHRUBS/GROUND COVER SHALL BE PLANTED AT EQUAL SPACING (TRIANGULAR) UNLESS OTHERWISE INDICATED ON PLANS. SEE LEGEND ON PLANTING PLAN FOR SPACING REQUIREMENTS.
 2. ADJUST ROWS AND SPACING AS NEEDED TO UNIFORMLY FILL A NON-LINEAR AREA. PLANT SPACING NOTED ON LEGEND SHALL BE MAXIMUM ALLOWED DIMENSION.

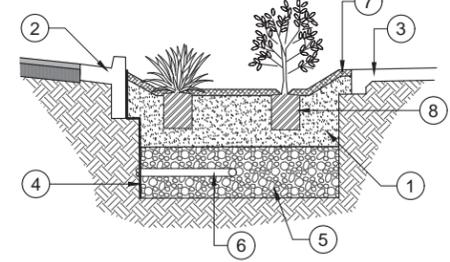
4 SHRUB / GROUND COVER SPACING DIAGRAM
NO SCALE 329313.13-02



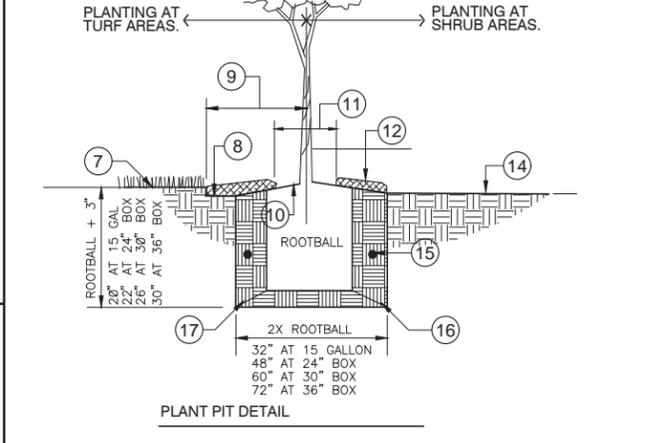
- LEGEND:**
- ① EDGE OF PLANTING
 - ② 3" LAYER OF MULCH
 - ③ FINISH GRADE
 - ④ PLANTS FROM POTS OF LINERS AS REQUIRED
 - ⑤ PREPARED SOIL MIX, SEE SPECIFICATIONS
 - ⑥ EXISTING SOIL
 - ⑦ 2/3 PLAN SPACING
 - ⑧ SPACING PER PLANS
- NOTE:**
1. PREPARE FINISH GRADE OF BEDS TO SURFACE DRAIN AWAY FROM WALLS / STRUCTURES

3 GROUND COVER BED PLANTING
NO SCALE 329313.13-01

- LEGEND:**
- ① BIOSWALE SOIL MIX (BSM) - SEE NOTES
 - ② CURB AND GUTTER PER CIVIL PLANS
 - ③ SIDEWALK PER CIVIL PLANS
 - ④ WATERPROOF LINER PER CIVIL PLANS
 - ⑤ CLASS 2 PERMEABLE MATERIAL PER CIVIL PLANS
 - ⑥ UNDERDRAIN PER CIVIL PLANS
 - ⑦ 3" DEEP MULCH SEE SPECIFICATIONS
 - ⑧ ROOTBALL, SET 1" ABOVE BSM
- NOTES:**
- A. BIOSWALE SOIL MEDIA SHALL BE PER SPECIFICATION NUMBER 20-5
 - B. KEEP MULCH AWAY FROM THE PLANT'S CROWN - MINIMUM 1", MAXIMUM 2"



5 BIOSWALE PLANTING
3/4" = 1'-0" 329815-08



- LEGEND**
- ⑦ FINISHED GRADE AT LAWN
 - ⑧ RECESS TURF AREA 1" TO ALLOW FOR MULCH
 - ⑨ KEEP TURF CLEAR FOR AN 18" RADIUS CIRCLE AROUND THE TREE. MULCH WITH A 3" THICK LAYER OF SHREDDED BARK
 - ⑩ SET ROOTBALL CROWN 1 1/2" HIGHER THAN THE SURROUNDING FINISHED GRADE. SLOPE BACKFILL AWAY FROM ROOTBALL FOR POSITIVE DRAINAGE
 - ⑪ KEEP MULCH 6"-8" FROM BASE OF TREE
 - ⑫ MULCH TO 3" DEPTH
 - ⑭ FINISHED GRADE AT SHRUBS
 - ⑮ PLANT TABLETS AS NOTED OR SPECIFIED
 - ⑯ NATIVE SOIL MIX FIRMLY COMPACTED
 - ⑰ BACKFILL MIX, SEE NOTES AND SPECIFICATIONS

1 TREE PLANTING DOUBLE STAKE
NO SCALE 329343.19-17

CITY AND TRANSPORTATION ENGINEERING CONSTRUCTION MANAGEMENT LANDSCAPE ARCHITECTURE MECHANICAL ENGINEERING PLANNING PUBLIC WORKS ADMINISTRATION SURVEYING / GIS SOLUTIONS WATER RESOURCES	Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
612 CLARION COURT SAN LUIS OBISPO, CA 93401 T 805 544-4911 F 805 544-4294 www.wallacegroup.us	5	SB			104	112
WALLACE GROUP	 REGISTERED CIVIL ENGINEER			12/14/2016 DATE		
PLANS APPROVAL DATE			 REGISTERED LANDSCAPE ARCHITECT LIC. #4038 ANN SEVER STATE OF CALIFORNIA			
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117			
WALLACE GROUP 612 CLARION COURT SAN LUIS OBISPO, CA 93401						

- PLANTING NOTES:**
1. REFER TO PLANTING PLANS, PLAN NOTES, PLANT LEGEND, AND PLANTING DETAILS FOR ADDITIONAL PLANTING INFORMATION. REFER TO IRRIGATION PLANS, NOTES AND DETAILS FOR RELATED LANDSCAPE WORK.
 2. NOTIFY OWNER'S REPRESENTATIVE (REP.) 48 HOURS MINIMUM PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULE.
 3. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE WORK. IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE OF FIELD CONDITIONS THAT VARY FROM THOSE SHOWN ON DRAWINGS AND SEEK CORRECTIONS AND DIRECTIONS BEFORE PROCEEDING WITH WORK. ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY CORRECTIONS DUE TO FAILURE TO REPORT KNOWN DISCREPANCIES.
 4. LOCATE AND MARK ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT. PROTECT FROM DAMAGE ALL UTILITIES, AREAS AND STRUCTURES IN AND AROUND LANDSCAPE WORK AREAS. ASSUME FULL RESPONSIBILITY AND EXPENSE FOR REPAIR AND REPLACEMENT OF DAMAGES CAUSED BY CONTRACTOR.
 5. LOCATION OF N.I.C. CONSTRUCTION ELEMENTS SUCH AS LIGHTS, SIGNS, VENTS, HYDRANTS, TRANSFORMERS, AND OTHER STRUCTURES OR ELEMENTS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY FIELD CONDITIONS WHETHER SHOWN HEREON OR NOT. WHEN SHOWN ITEMS DO NOT CORRESPOND TO FIELD CONDITIONS, REPORT DISCREPANCIES TO OWNER'S REP. FOR CLARIFICATIONS AND INSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.
 6. PLANTING ACCESSORIES & MATERIAL:
 - A. TREE TIE: CINCH TIE, BY V.I.T. PRODUCTS, 800-729-1314, OR APPROVED EQUAL
 - B. FERTILIZER TABLETS: AGRIFORM 20-10-5, OR APPROVED EQUAL. THREE 20-GRAM TABLETS FOR 15 GALLON OR LARGER SIZE TREES, TWO 10-GRAM TABLETS FOR 5 GALLON SIZE PLANTS, AND ONE 10-GRAM TABLET FOR 1 GALLON SIZE.
 - C. ROOT BARRIER: "TRIFLURALIN" PELLETT IMPREGNATED FILAMENT FABRIC IN 50 CM WIDE ROLLS, BY BIO-BARRIER, 800-382-8467, OR APPROVED EQUAL
 - D. MULCH: SHREDDED BARK MULCH. SUBMIT SAMPLE FOR APPROVAL.
 7. PRE-PLANTING PREPARATION:
 - A. PROCEED WITH PLANTING WORK ONLY AFTER IRRIGATION WORK IS COMPLETED, TESTED, AND APPROVED BY OWNER'S REP. PROTECT IRRIGATION SYSTEM FROM DAMAGE.
 - B. ROUGH GRADE PLANTING AREAS UNIFORMLY SMOOTH, DEVOID OF DEPRESSIONS, TO CONFORM TO THE GRADING PATTERNS ESTABLISHED BY CIVIL ENGINEERING DRAWINGS. ENSURE POSITIVE WATER REMOVAL AT 2% MINIMUM GRADIENT TO DRAINAGE ELEMENTS OR STRUCTURES PROVIDED BY OTHERS. NOTIFY OWNER'S REP. WHEN ADDITIONAL AREA DRAINS AND SUBSURFACE DRAINAGE ARE REQUIRED FOR PROPER DRAINAGE OF PLANTING AREAS.
 - C. ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING WALLS AND FOUNDATIONS FOR PLANTING AREAS ADJACENT SUCH STRUCTURES, AT 2% GRADIENT MINIMUM.
 - D. REMOVE ALL ROCKS GREATER THAN 2" DIAMETER AND ALL DEBRIS AND DELETERIOUS MATERIAL FROM PLANTING AREAS.
 - E. PREPARE BACKFILL MIX AND PLANTING BEDS PER SOIL TEST REPORT'S RECOMMENDATIONS.
 8. SOIL SAMPLE TESTING: AFTER ROUGH GRADING, COLLECT ONE REPRESENTATIVE SOIL SAMPLE FROM THE TOP 12 INCHES OF SOIL AND SUBMIT IT TO SOIL AND PLANT LABORATORY, 1594 N. MAIN STREET, ORANGE, CA 92613, TEL: 714-282-8777, FOR A05 SOIL ANALYSIS (FERTILITY, AGRICULTURAL SUITABILITY, AND PHYSICAL APPRAISAL) AND REPORT. SOIL REPORT SHALL INCLUDE FERTILIZER AND SOIL ORGANIC AMENDMENT RECOMMENDATIONS FOR PLANTING WORK (AND HYDROSEEDING WHEN APPLICABLE).
 9. PLANTING SOILS:
 - A. IMPORTED TOPSOIL FOR MEDIAN PLANTING AREAS: COMPLY WITH SPECIFICATION SECTION 21.
 - B. AMENDED SITE SOIL AT BACK OF WALK IN PLANTING AREAS: PREPARE IN ACCORDANCE TO SOIL TEST REPORT'S RECOMMENDATIONS, ADDING AMENDMENTS, FERTILIZER, AND OTHER MATERIAL AS REQUIRED TO SITE TOP SOIL.
 - C. BIORETENTION SOIL MIX: COMPLY WITH SPECIFICATION SECTION 20-5.
 10. PLANTS: ALL PLANTS OF THE SAME SPECIES/CULTIVAR/VARIETY SHALL HAVE MATCHING FORM, FLOWER COLOR, AND SIZE, IN HEALTHY AND THRIVING CONDITION, FREE FROM INJURIES, DISEASES, PESTS AND ROOT-BOUND OR GIRDLING ROOTS. REPLACE REJECTED PLANTS WITH MATCHING SPECIES, SIZE AND FORM.
 11. PLANTING:
 - A. IRRIGATE PLANTING AREAS TO BRING TOP 6" OF SOIL TO FIELD CAPACITY. ALLOW SOIL TO DRAIN. DO NOT WORK SOIL UNTIL IT RETURNS TO A MOIST FRIABLE CONDITION. TREE EXCAVATIONS MAY REQUIRE ADDITIONAL IRRIGATION. FLOOD TREE PITS AS REQUIRED TO MOISTEN SUBGRADE.
 - B. PLACE PLANTS IN THEIR CONTAINERS AT THE LOCATIONS PER PLANS FOR APPROVAL BY OWNER'S REP. MAKE MINOR ADJUSTMENTS AS REQUIRED BY FIELD CONDITIONS AND TO ALLOW OPTIMAL IRRIGATION COVERAGE.
 - C. PLANT QUANTITIES GIVEN ON PLANT LEGEND ARE FOR GENERAL GUIDANCE ONLY. PROVIDE THE SPECIFIED PLANT SPECIES IN THE QUANTITIES AT THE REQUIRED SPACING TO ACHIEVE THE DESIGN EFFECT/INTENT SHOWN ON THE PLANS.
 - D. PLANT GROUND COVER AND SHRUB MASSES ACCORDING TO TRIANGULATED SPACING DIAGRAM UNLESS OTHERWISE SHOWN OR NOTED.
 - E. FOR TREES WITHIN 5 FEET OF PAVEMENT, PRIOR TO TREE PLACEMENT, INSTALL ROOT BARRIER FABRIC WITH ROOT INHIBITING PELLETS ALL AROUND THE PLANT PIT, WITH 4" MINIMUM END OVERLAP.
 - F. PLANT TREES, SHRUBS, AND GROUND COVERS AS SHOWN ON DETAILS.
 - G. INSTALL 3" DEEP CONIFEROUS BARK MULCH IN AREAS SHOWN OR INDICATED.
 12. 90-DAY MAINTENANCE PERIOD: MAINTAIN PLANTINGS IN THRIVING CONDITION USING ACCEPTED INDUSTRY PRACTICES FOR WATERING, FERTILIZING, PRUNING AND MOWING. MAINTAIN TREE STAKES AND GUYING ASSEMBLIES IN PROPER POSITIONS. REPLACE PLANTS THAT DIE OR FAIL TO ESTABLISH IN THRIVING CONDITION WITH SPECIES, SIZE AND FORM MATCHING OTHERS ON SITE. REPAIR OR REPLACE BROKEN IRRIGATION COMPONENTS.
 13. WARRANTY: WARRANT PLANT MATERIAL AND IRRIGATION SYSTEM FOR ONE YEAR FROM FINAL ACCEPTANCE OF COMPLETED WORK. REPLACE DEAD OR DYING PLANTS AND BROKEN IRRIGATION COMPONENTS WITHIN THIS PERIOD.

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IRRIGATION NOTES:

- THE SYSTEM DESIGN SHOWN IS BASED UPON A MINIMUM PRESSURE OF 60 PSI AT A MAXIMUM DISCHARGE OF 50 GPM. VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION WORK AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
- ALL WORK SHALL CONFORM TO GOLETA WATER DISTRICT AND STATE CODES AND ORDINANCES AND THE PLANS, SPECIFICATIONS, DETAILS AND NOTES FOR THIS PROJECT. READ THOROUGHLY AND BECOME FAMILIAR WITH THE SPECIFICATIONS AND INSTALLATION DETAILS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, INCLUDING, BUT NOT LIMITED TO, UNDERGROUND UTILITIES AND STRUCTURES. COORDINATE ALL WORK WITH CIVIL, AND ELECTRICAL WORK AND TRADES TO MINIMIZE CONFLICTS. THE WORK INCLUDES THE RESPONSIBILITY FOR THE INSTALLATION OF IRRIGATION SLEEVING AND CROSSOVERS. CONTRACTOR SHALL COORDINATE SLEEVE AND CROSSOVER INSTALLATION AND SEQUENCE HIS WORK WITH ALL WORK AND DISCIPLINES AS REQUIRED.
- LAYOUT SHOWN IS DIAGRAMMATIC. IRRIGATION PIPING AND COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY. INSTALL IRRIGATION PIPING AND WIRING IN LANDSCAPED AREAS WHENEVER POSSIBLE. INSTALL IRRIGATION VALVES IN GROUND COVER OR SHRUB AREAS. AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIAL, AND ARCHITECTURAL FEATURES.
- DO NOT PROCEED WITH THE INSTALLATION OF THE SYSTEM WHEN IT IS EVIDENT THAT FIELD CONDITIONS OR DIFFERENCES EXIST THAT COULD NOT HAVE BEEN CONSIDERED IN ENGINEERING OR IF DISCREPANCIES IN CONSTRUCTION DRAWINGS, DETAILS, NOTES AND SPECIFICATIONS ARE DISCOVERED. BRING ALL SUCH DIFFERING FIELD CONDITIONS AND DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
- SEE LEGEND FOR PIPING MATERIAL. SEE DRAWINGS AND LEGEND FOR PIPE SIZES. SIZE CALLOUTS ON DRAWINGS INDICATE NOMINAL PIPE SIZE. UNLABELED SECTIONS ARE THE NOMINAL SIZE OF THE PRECEDING CALLOUT. SUBSEQUENT CALLOUTS INDICATE CHANGE IN PIPE SIZE.
- UNLESS OTHERWISE NOTED, TRENCHING DEPTHS FOR IRRIGATION SHALL BE 18" FOR MAINLINES AND 12" FOR LATERALS. DEPTH SHALL BE MEASURED FROM THE TOP OF PIPE TO FINISHED SOIL LEVEL.
- COORDINATE IRRIGATION PIPING, SLEEVES AND EQUIPMENT INSTALLATION WITH ROADWAY PLANS. MUST NOT IMPACT BIORETENTION PERFORATED PLASTIC PIPE AND DRAINAGE SYSTEM.
- INSTALL CONCRETE THRUST BLOCKS ON ALL MAINLINES THREE (3) INCHES AND LARGER IN DIAMETER IN ACCORDANCE WITH LOCAL CODES AND STANDARDS OR ASAE STANDARD S376.1.

- ALL MAINLINES, LATERALS, AND CONTROL WIRES UNDER CONCRETE PATH PAVEMENT SHALL BE INSTALLED IN SCHEDULE 80 PVC PIPE SLEEVES. SLEEVES SHALL EXTEND 18" BEYOND EDGE OF PAVEMENT AND SHALL HAVE ENDS CLEARLY MARKED ABOVE GRADE DURING CONSTRUCTION.
- ALL MAINLINES, LATERALS AND CONTROL WIRES UNDER EXISTING ROADS SHALL BE INSTALLED VIA DIRECTIONAL BORE IN 10" WELDED STEEL PIPE CROSSOVERS. CONTROL WIRES SHALL BE INSTALLED IN THE WELDED STEEL PIPE WITHIN AN ADDITIONAL 1.5" SCHEDULE 40 PVC PIPE SLEEVE. CROSSOVERS SHALL EXTEND 24" BEYOND EDGE OF PAVEMENT SEE STANDARD DETAILS IN SPECIFICATIONS.
- PRIOR TO BACKFILLING, FLUSH AND TEST MAINS AND LATERALS. FLUSH MAINS BEFORE INSTALLING VALVES. FLUSH LATERALS BEFORE INSTALLING SPRINKLERS. SUBJECT MAINS TO HYDROSTATIC PRESSURE OF 1.5 TIMES THE ANTICIPATED OPERATING PRESSURE (MIN. 100 PSI) FOR TWO HOURS. SUBJECT LATERALS TO HYDROSTATIC PRESSURE EQUAL TO ANTICIPATED OPERATING PRESSURE. ALL FLUSHING SHALL BE DONE IN THE PRESENCE OF THE ARCHITECT. BACKFILL WITH CLEAN MATERIAL FROM EXCAVATION. REMOVE ROCKS AND DEBRIS LARGER THAN 1" DIAMETER.
- THE FINAL LOCATION OF THE IRRIGATION CONTROLLER SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. THE 120V ELECTRICAL SUPPLY SHALL BE BY OTHERS. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE FINAL CONNECTION TO THE CONTROLLER IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND LOCAL ELECTRICAL CODES.
- INSTALL ONE (1) AWG #14 CONTROL WIRE (RED) FROM THE CONTROLLER TO EACH REMOTE CONTROL VALVE. INSTALL ONE (1) AWG #14 WIRE (GREEN) FROM THE CONTROLLER TO THE MOST REMOTE REMOTE CONTROL VALVE ALONG EACH BRANCH OF WIRING RUNS FOR USE AS A SPARE CONTROL WIRE. INSTALL ONE (1) AWG #12 WIRE (WHITE) FOR COMMON GROUND. COIL THREE (3) FEET OF WIRE IN EACH VALVE OR SPLICE BOX. USE 3M DBY SPLICE KITS FOR ALL WIRE CONNECTIONS AND SPLICES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE AND UNIFORM COVERAGE OF ALL PLANTED AREAS. ADJUST REMOTE CONTROL VALVE PRESSURE REGULATOR AND FLOW CONTROL TO BALANCE EACH LATERAL SYSTEM AND TO ENSURE PROPER VALVE CLOSURE TIME.
- RECYCLED WATER:
 - INSTALL WARNING SIGNS STATING "CAUTION - RECYCLED WATER - DO NOT DRINK," AT LOCATIONS SHOWN ON THE PLANS.
 - ALL IRRIGATION PIPES SHALL BE PURPLE IN COLOR.
 - ALL IRRIGATION VALVE BOXES SHALL BE PURPLE IN COLOR AND STAMPED WITH "RW" ON THE LID. MINIMUM LETTER SIZE SHALL BE 3/8" HIGH.



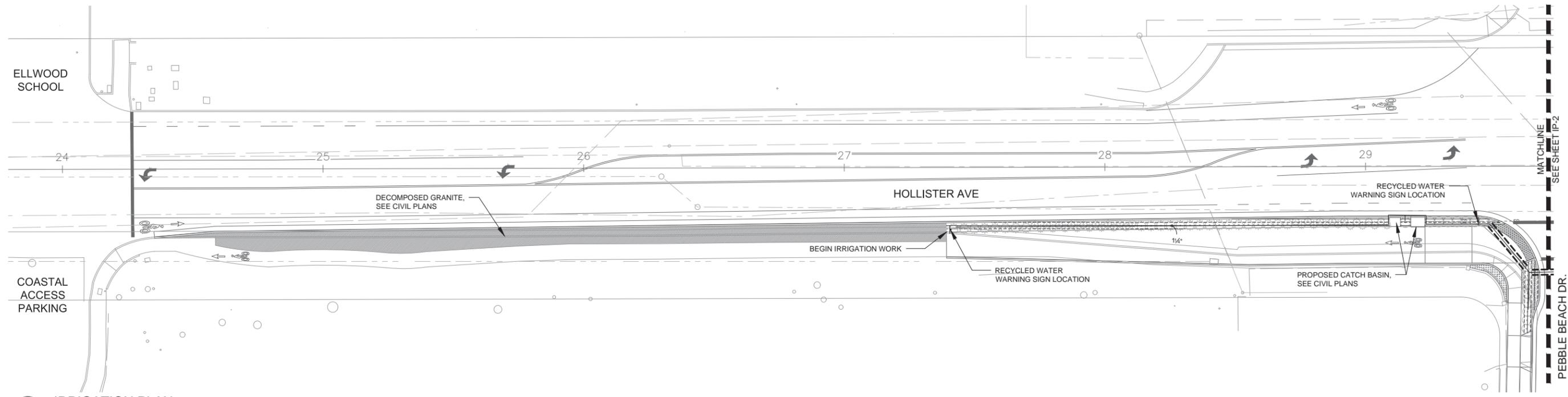
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			105	112

Ann Sever 12/14/2016
 REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117	WALLACE GROUP 612 CLARION COURT SAN LUIS OBISPO, CA 93401
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1 IRRIGATION PLAN

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird RWS-M-B-C-P Mini Root Watering System with 4.0" diameter x 18.0' long with locking grate, semi-rigid mesh tube and Rain Bird 1401 0.25 gpm or 1402 0.5 gpm bubbler as indicated. With Check Valve and Purple Grate.	114	30		Toro TPV-F-100-MM W/EFF-Kit-60Hz 1" Electric, Remote Control Valve. DBS (Debris Bypass System) Technology for dirty water. Male x Male Thread, with Flow Control, Recycled Water Solenoid Assembly and Watering Tag	7		Irrigation Lateral Line: PVC Schedule 40 PVC Schedule 40 irrigation pipe. Only lateral transition pipe sizes 1" and above are indicated on the plan, with all others being 3/4" in size. All pipe shall be purple in color.	11,862 l.f.
	Toro DZK-700-1-MF Medium-Flow Drip Control Valve Kit. With 1" Irritrol 700 UltraFlow Inline Valve, Toro Y-Filter, and Medium-Flow Pressure Regulator and Fittings. 5gpm-20gpm.	2			Irritrol 700 with OMR-100 1.5" Drip Control Valve Assembly, with Omni-Reg 5-100 psi regulator, High-Flow. With Toro Y-Filter, and 2 Medium-Flow Pressure Regulators and Fittings. 15gp,-60gpm.	23		Irrigation Mainline: PVC Schedule 40 Mainlines shall be purple color and embossed or integrally stamped/marked continuously on two sides with the words "CAUTION: RECYCLED WATER - DO NOT DRINK" and identified with AWWA Guidelines in the Distribution of Non-Potable Water.	5,130 l.f.
	Toro DZK-700-1-LF Low Flow Drip Control Valve Kit. With 1" Irritrol 700 UltraFlow Inline Valve, Toro Y-Filter, and Low-Flow Pressure Regulator and Fittings. 0.25gpm-8gpm.	1			Toro P220S-26-08 GLOBE 2" Plastic Electric Master Valve, 2", with a Standard Solenoid. Used for Reclaimed Water and other non-potable water systems. Globe Body Configuration.	1		Pipe Sleeve: CPVC Schedule 80 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.	1,502 l.f.
	Area to Receive Dripline Toro T-PCE-1810-12 (500) Purple Drip-In Pressure Compensating Landscape Dripline for effluent water. 1.0GPH emitters at 12.0" O.C. Dripline laterals spaced at 12.0" apart.	53,492 s.f.			Irritrol MC-36-E 36- Station, Commercial-Grade, Outdoor Controller. Equipped in a rugged, lockable, vandal-proof, weather resistant steel cabinet. Provide Pedestal P-6B. Compatible with Irritrol's Climate Logic.	1		Valve Callout # - Valve Number # - Valve Flow # - Valve Size	
					Irritrol CL Wireless Weather Sensing System. 100-Receive and Transmitter Kit. Outdoor sensor, and receiver attaches to Controller. Verify with City Representative for installation location of weather sensing equipment, install on adjacent wall or approved pole.	1			
					Toro TFS 1/2", 3/4", 1", 1-1/2", 2", 3", and 4" Plastic Tee Sizes. Effective Flow Monitoring, even in flows less than 5 GPM. Compatible with TORO and competitive controllers. Impeller-based, PVC Design.	1			
					1" Recycled Water Meter The water meter will be installed by Goleta Water	1			

IRRIGATION PLAN & SCHEDULE

SCALE 1" = 20'

IP-1

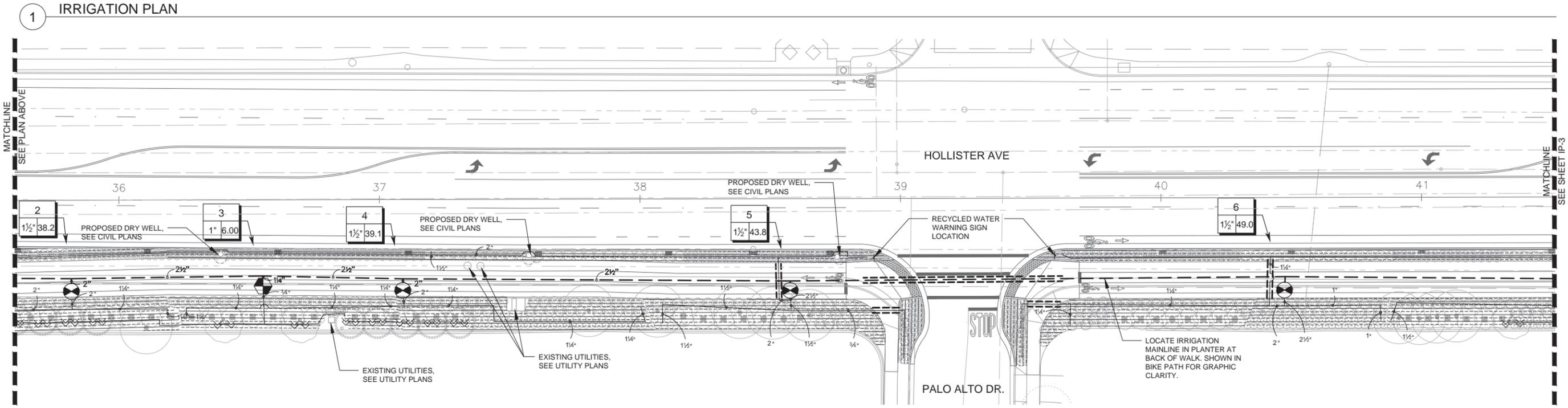
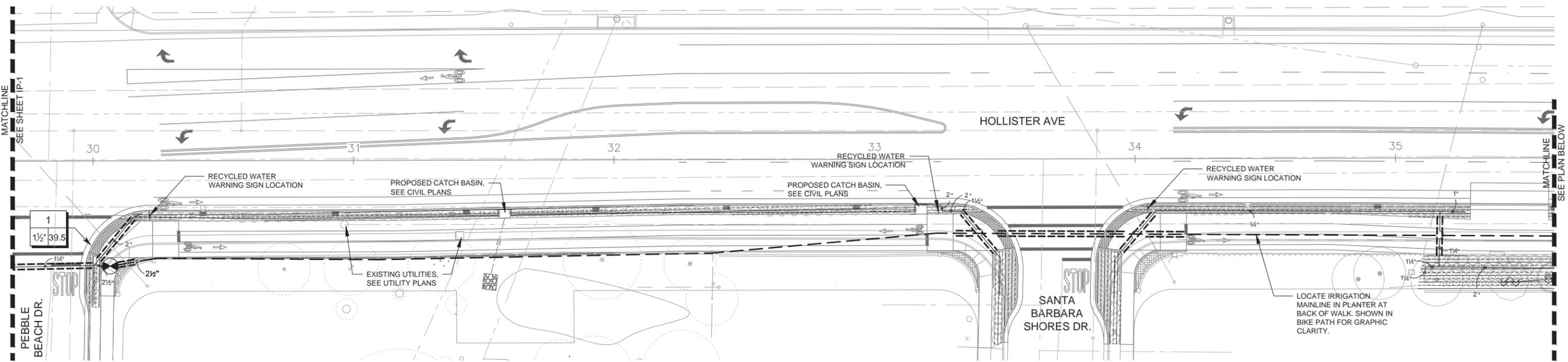
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CONSULTANT FUNCTIONAL SUPERVISOR
ANN SEVER, PLA
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB			106	112

Ann Sever 12/14/2016
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117
WALLACE GROUP
612 CLARION COURT
SAN LUIS OBISPO, CA 93401



IRRIGATION PLAN
SCALE 1" = 20'
IP-2

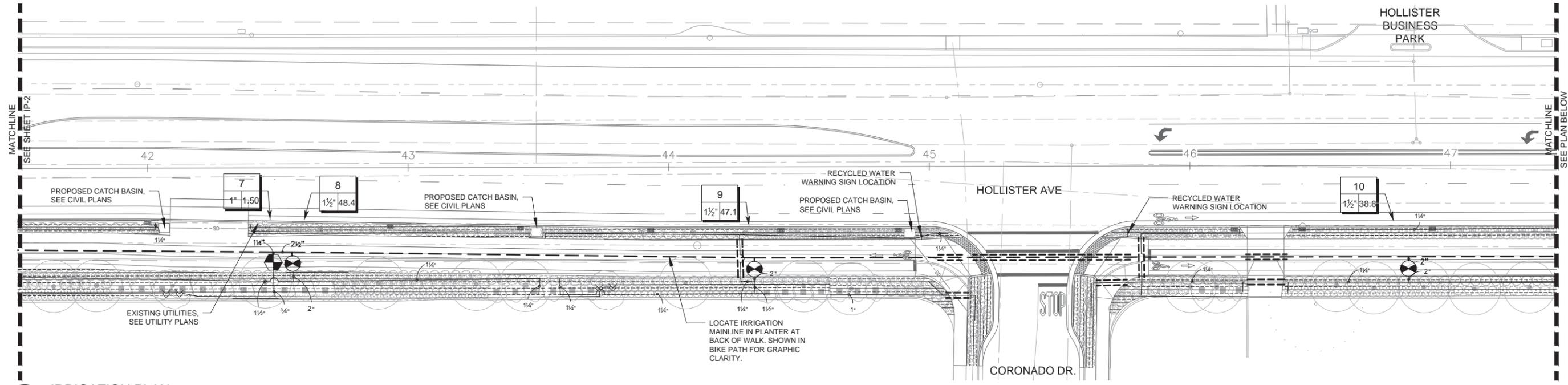
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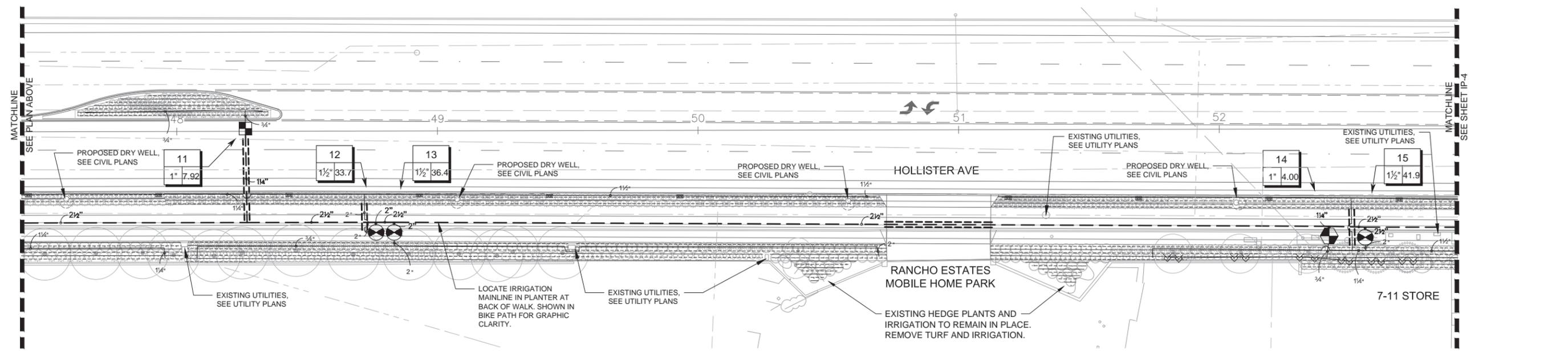


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5	SB			107	112

Ann Sever
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1 IRRIGATION PLAN



2 IRRIGATION PLAN

IRRIGATION PLAN
SCALE 1" = 20'
IP-3

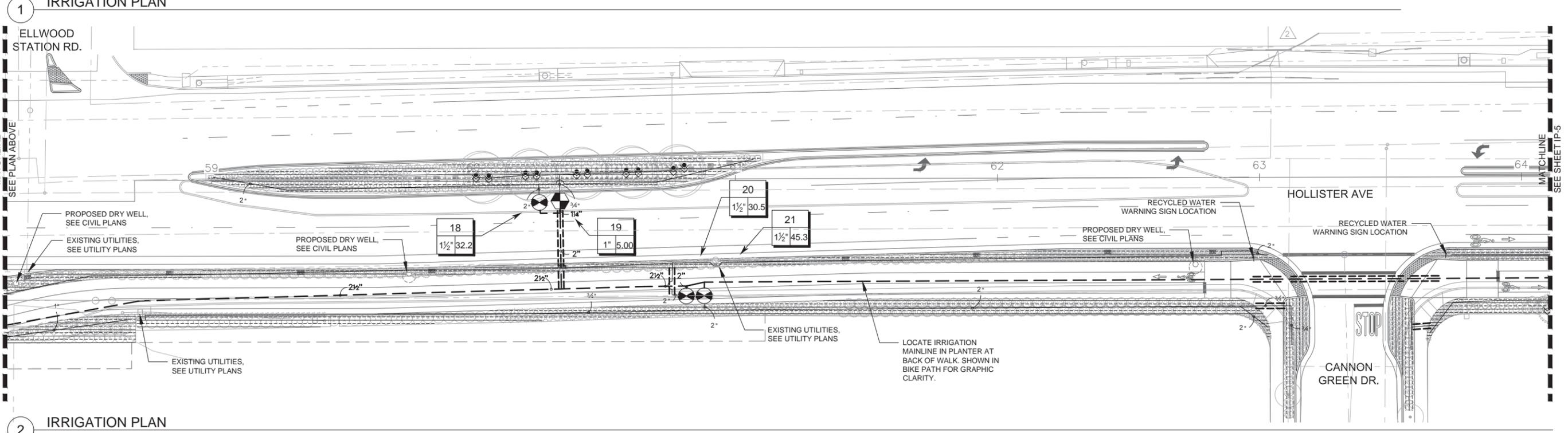
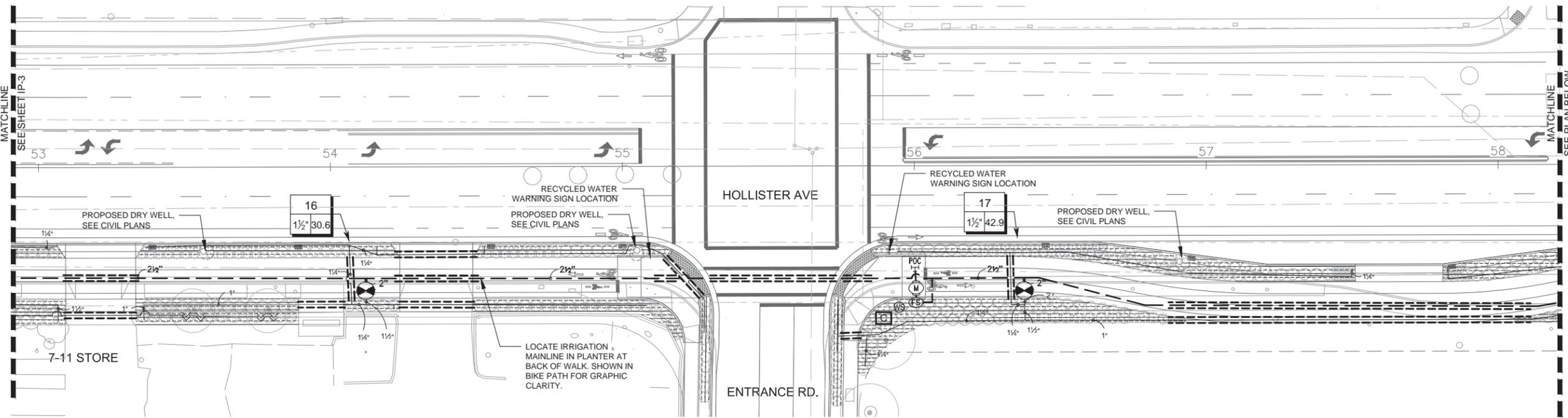
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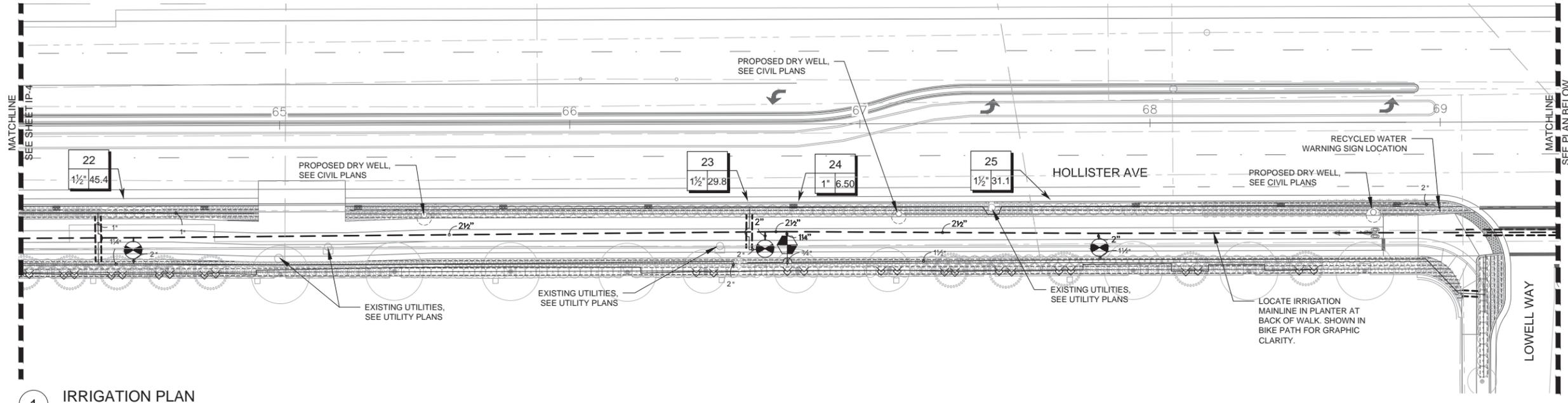
IRRIGATION PLAN
SCALE 1" = 20'
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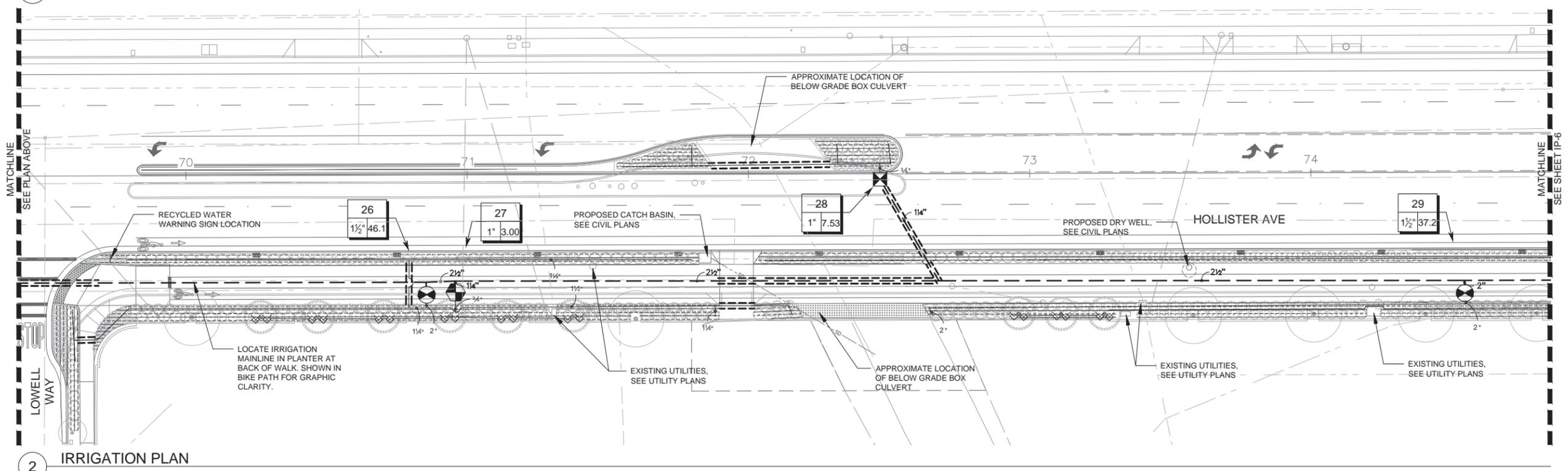
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CIVIL AND TRANSPORTATION ENGINEERING
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 SAN LUIS OBISPO, CA 93401
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 www.wallacegroup.us

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Ann Sever REGISTERED CIVIL ENGINEER			12/14/2016 DATE		
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1 IRRIGATION PLAN



2 IRRIGATION PLAN

IRRIGATION PLAN
 SCALE 1" = 20'
IP-5

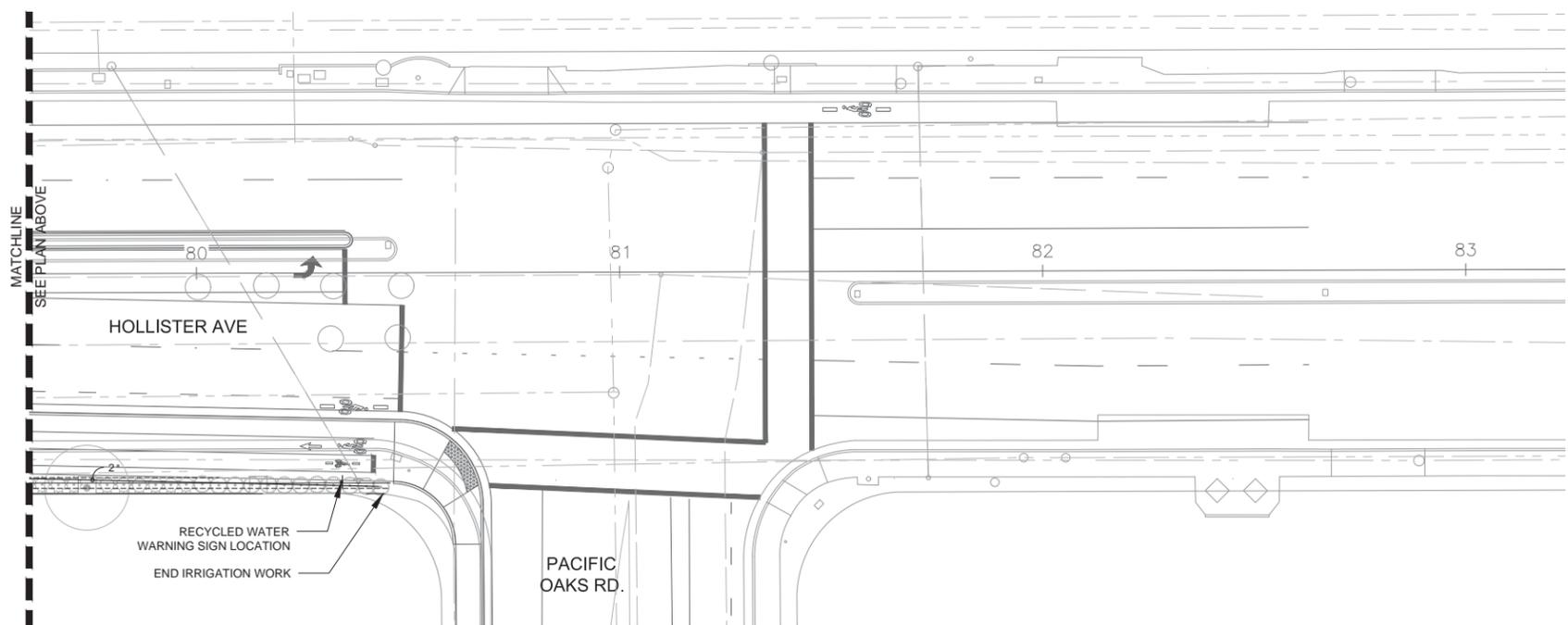
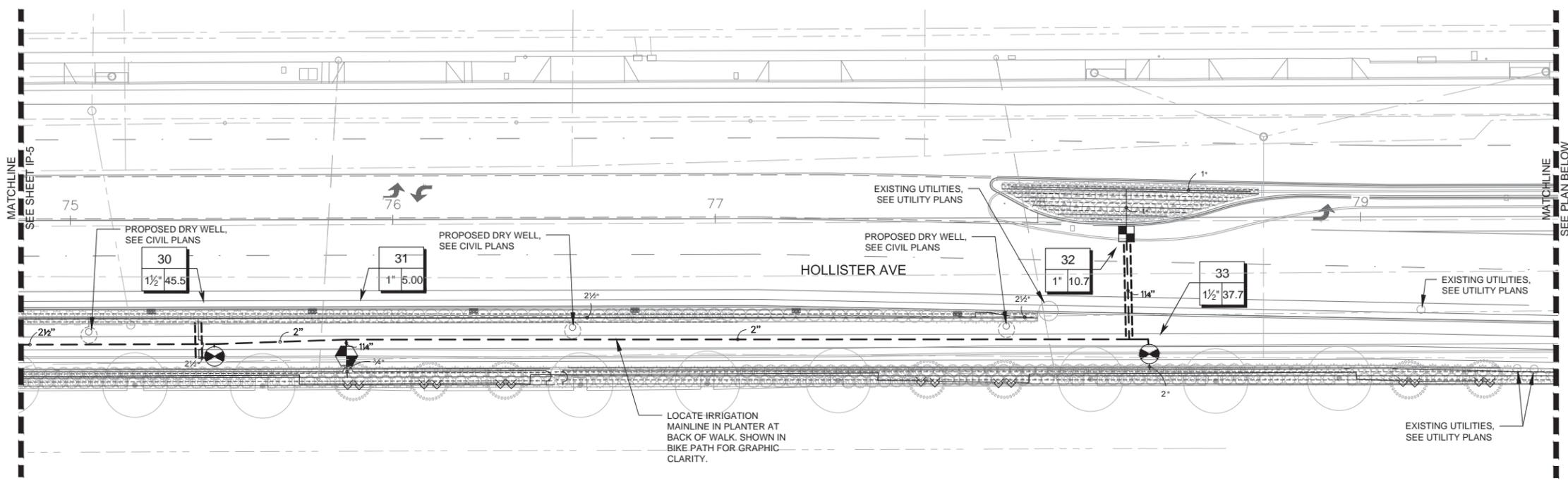
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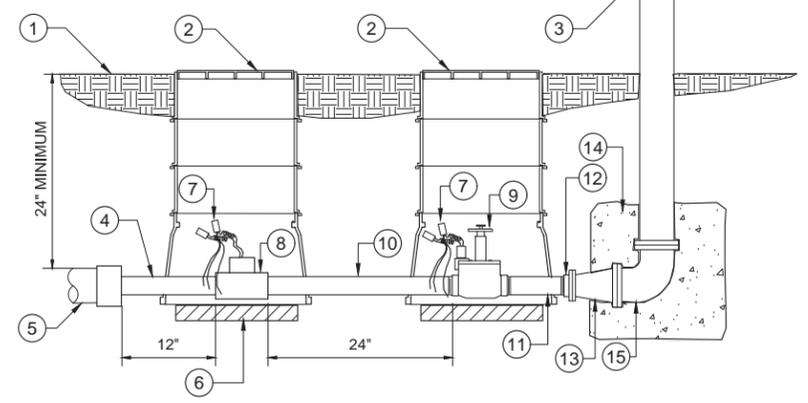
IRRIGATION PLAN
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 IP-6

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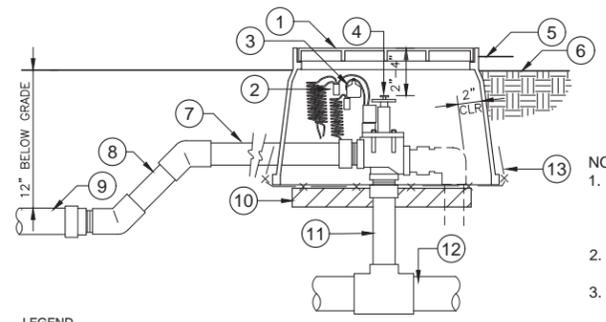
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 CONSULTANT SUPERVISOR: ANN SEVER, PLA
 CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

NOTES:
 1. IRRIGATION VALVE BOXES SHALL BE PURPLE COLOR AND STAMPED WITH "RW" STAMPED ON LID.
 2. STAMP "MV" ON MASTER VALVE BOX LID AND STAMP "FS" ON FLOW SENSOR LID.
 3. MINIMUM LETTER SIZE SHALL BE 3/8" HIGH

ATTENTION: THIS PROJECT DOESN'T HAVE A BACKFLOW DEVICE, CONNECT BELOW GRADE TO WATER METER.



- LEGEND**
- ① FINISHED GRADE
 - ② SPECIFIED RECTANGULAR VALVE BOXES WITH EXTENTIONS AS NEEDED
 - ③ 4" FLANGE ELBOW P.O.C.
 - ④ 2X12 PVC SCH 80 PIPING
 - ⑤ 4" PVC MAIN LINE WITH 2" REDUCING BUSHING
 - ⑥ 2X6X16 CONCRETE WALL CAPS, TWO PER BOX, ONE EACH SIDE
 - ⑦ WATER PROOF CONNECTORS
 - ⑧ FLOW METER AS SPECIFIED (2 WIRES TO CONTROLLER)
 - ⑨ MASTER VALVE AS SPECIFIED
 - ⑩ 2X24 PVC SCH 80 TOE PIPING
 - ⑪ PVC SCH 80 2"X8" NIPPLE
 - ⑫ 2" GALVANIZED FLANGE X 1 PT ADAPTER
 - ⑬ 2"X4" FLANGED REDUCER
 - ⑭ 18"X18"X18" CONCRETE SUPPORT BLOCK
 - ⑮ 4" FLANGED ELL



- LEGEND**
- ① 10X15 RECTANGULAR VALVE BOX
 - ② WATER PROOF WIRE CONNECTORS ON 30" LOOPED WIRES
 - ③ PLASTIC I.D. TAG AT EACH VALVE.
 - ④ REMOTE CONTROL VALVE, ONE PER BOX.
 - ⑤ 3/4" ABOVE FINISH GRADE AT LAWN
 - ⑥ 2" ABOVE FINISH GRADE AT SHRUBS
 - ⑦ OUTLET PIPE SAME SIZE AS VALVE, 24" MIN. TO FIRST FITTING
 - ⑧ 45 DOWN AS REQ. TO LATERAL PIPE DEPTH
 - ⑨ INCREASE LATERAL LINE AS PER IRRIGATION PLAN
 - ⑩ TWO 6X2X16 CONCRETE BLOCK CAPS, ONE ON EACH SIDE OF THE BOX
 - ⑪ SCHEDULE 80 RISER
 - ⑫ MAIN LINE
 - ⑬ 1/2" WIRE CLOTH GOPHER SCREEN, WRAP UP SIDES

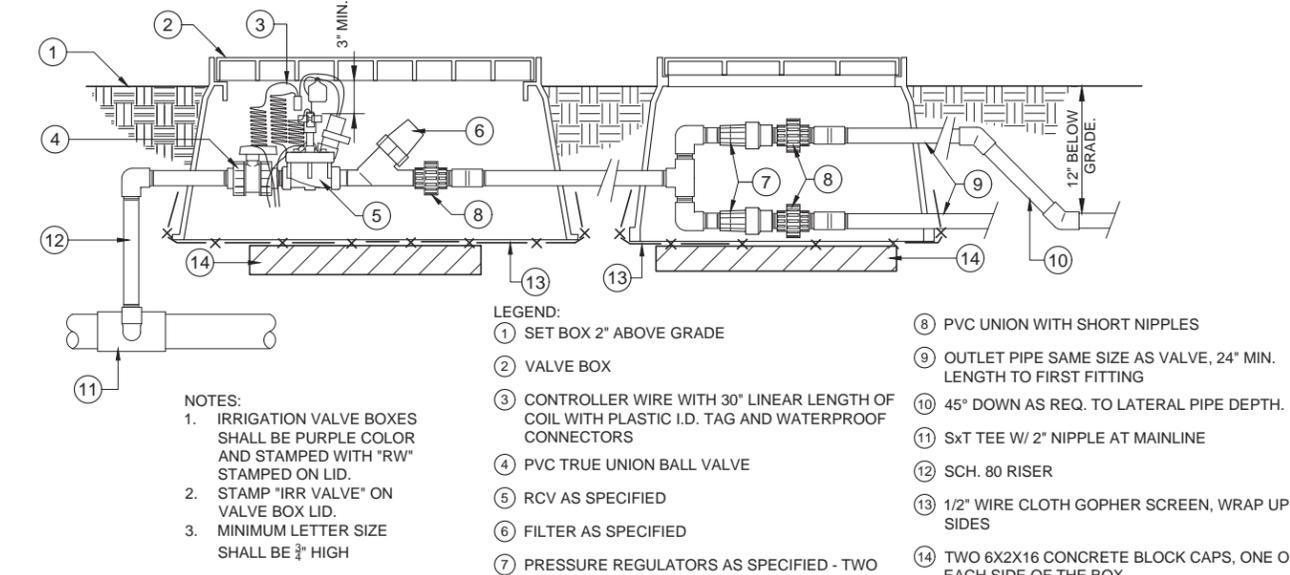
NOTES:
 1. IRRIGATION VALVE BOXES SHALL BE PURPLE COLOR AND STAMPED WITH "RW" STAMPED ON LID.
 2. STAMP "IRR VALVE" ON VALVE BOX LID.
 3. MINIMUM LETTER SIZE SHALL BE 3/8" HIGH



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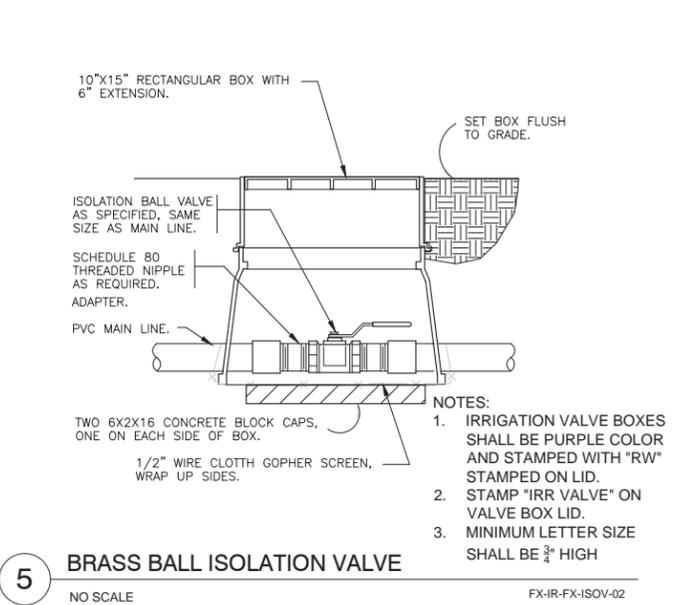
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 PLANS APPROVAL DATE
 THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
 CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS 130 CREMONA DRIVE, SUITE B GOLETA, CA 93117
 WALLACE GROUP 612 CLARION COURT SAN LUIS OBISPO, CA 93401

1 MASTER CONTROL VALVE AND FLOW SENSOR ASSEMBLY
 NO SCALE 328406.23-03



- LEGEND:**
- ① SET BOX 2" ABOVE GRADE
 - ② VALVE BOX
 - ③ CONTROLLER WIRE WITH 30" LINEAR LENGTH OF COIL WITH PLASTIC I.D. TAG AND WATERPROOF CONNECTORS
 - ④ PVC TRUE UNION BALL VALVE
 - ⑤ RCV AS SPECIFIED
 - ⑥ FILTER AS SPECIFIED
 - ⑦ PRESSURE REGULATORS AS SPECIFIED - TWO
 - ⑧ PVC UNION WITH SHORT NIPPLES
 - ⑨ OUTLET PIPE SAME SIZE AS VALVE, 24" MIN. LENGTH TO FIRST FITTING
 - ⑩ 45" DOWN AS REQ. TO LATERAL PIPE DEPTH.
 - ⑪ SxT TEE W/ 2" NIPPLE AT MAINLINE
 - ⑫ SCH. 80 RISER
 - ⑬ 1/2" WIRE CLOTH GOPHER SCREEN, WRAP UP SIDES
 - ⑭ TWO 6X2X16 CONCRETE BLOCK CAPS, ONE ON EACH SIDE OF THE BOX.

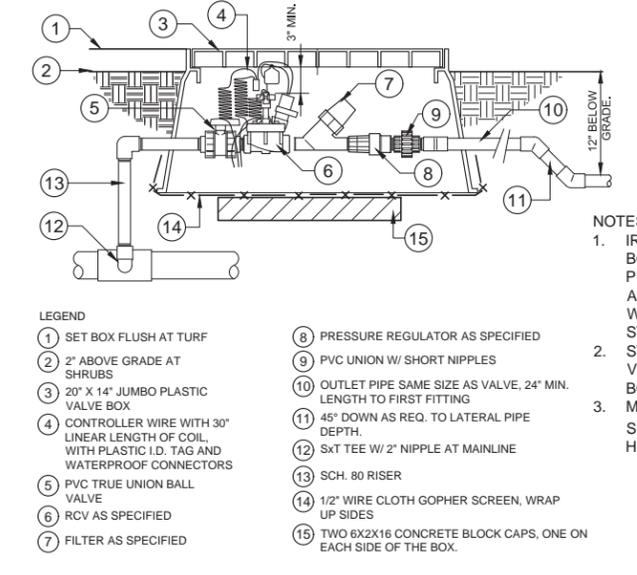
3 1.5" DRIP CONTROL VALVE ASSEMBLY
 NO SCALE 328406.13-08



NOTES:
 1. IRRIGATION VALVE BOXES SHALL BE PURPLE COLOR AND STAMPED WITH "RW" STAMPED ON LID.
 2. STAMP "IRR VALVE" ON VALVE BOX LID.
 3. MINIMUM LETTER SIZE SHALL BE 3/8" HIGH

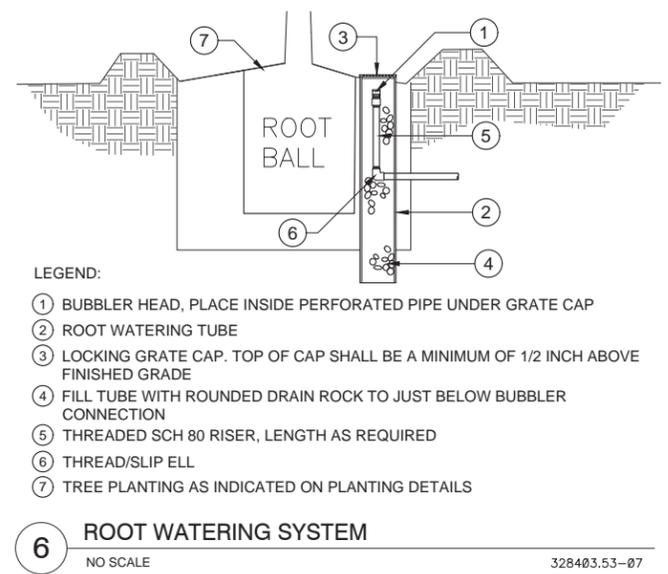
5 BRASS BALL ISOLATION VALVE
 NO SCALE FX-IRR-FX-ISOV-02

2 ELECTRIC REMOTE CONTROL VALVE
 NO SCALE 328406.13-03



- LEGEND**
- ① SET BOX FLUSH AT TURF
 - ② 2" ABOVE GRADE AT SHRUBS
 - ③ 20" X 14" JUMBO PLASTIC VALVE BOX
 - ④ CONTROLLER WIRE WITH 30" LINEAR LENGTH OF COIL, WITH PLASTIC I.D. TAG AND WATERPROOF CONNECTORS
 - ⑤ PVC TRUE UNION BALL VALVE
 - ⑥ RCV AS SPECIFIED
 - ⑦ FILTER AS SPECIFIED
 - ⑧ PRESSURE REGULATOR AS SPECIFIED
 - ⑨ PVC UNION W/ SHORT NIPPLES
 - ⑩ OUTLET PIPE SAME SIZE AS VALVE, 24" MIN. LENGTH TO FIRST FITTING
 - ⑪ 45" DOWN AS REQ. TO LATERAL PIPE DEPTH.
 - ⑫ SxT TEE W/ 2" NIPPLE AT MAINLINE
 - ⑬ SCH. 80 RISER
 - ⑭ 1/2" WIRE CLOTH GOPHER SCREEN, WRAP UP SIDES
 - ⑮ TWO 6X2X16 CONCRETE BLOCK CAPS, ONE ON EACH SIDE OF THE BOX.

4 1" DRIP VALVE/FILTER/REGULATOR
 NO SCALE 328413.76-23



- LEGEND:**
- ① BUBBLER HEAD, PLACE INSIDE PERFORATED PIPE UNDER GRATE CAP
 - ② ROOT WATERING TUBE
 - ③ LOCKING GRATE CAP. TOP OF CAP SHALL BE A MINIMUM OF 1/2 INCH ABOVE FINISHED GRADE
 - ④ FILL TUBE WITH ROUNDED DRAIN ROCK TO JUST BELOW BUBBLER CONNECTION
 - ⑤ THREADED SCH 80 RISER, LENGTH AS REQUIRED
 - ⑥ THREAD/SLIP ELL
 - ⑦ TREE PLANTING AS INDICATED ON PLANTING DETAILS

6 ROOT WATERING SYSTEM
 NO SCALE 328403.53-07

