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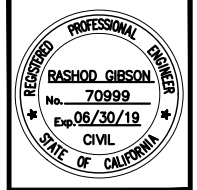
**INDEX OF SHEETS**

SHEET NO	DESCRIPTION
1	TITLE SHEET
2-10	TYPICAL SECTIONS
11-19	LAYOUT
20-30	PROFILE AND SUPERELEVATION
31-37	CONSTRUCTION DETAILS
38-41	DRAINAGE
42-49	STAGE CONSTRUCTION
50	ADVANCE PLANNING STUDY FAITH HOME ROAD UNDERCROSSING
51-52	ADVANCE PLANNING STUDY FAITH HOME ROAD CAUSEWAY OVER THE TUOLUMNE RIVER
53	FAITH HOME ROAD BRIDGE (REPLACEMENT) AT TID CERES MAIN CANAL

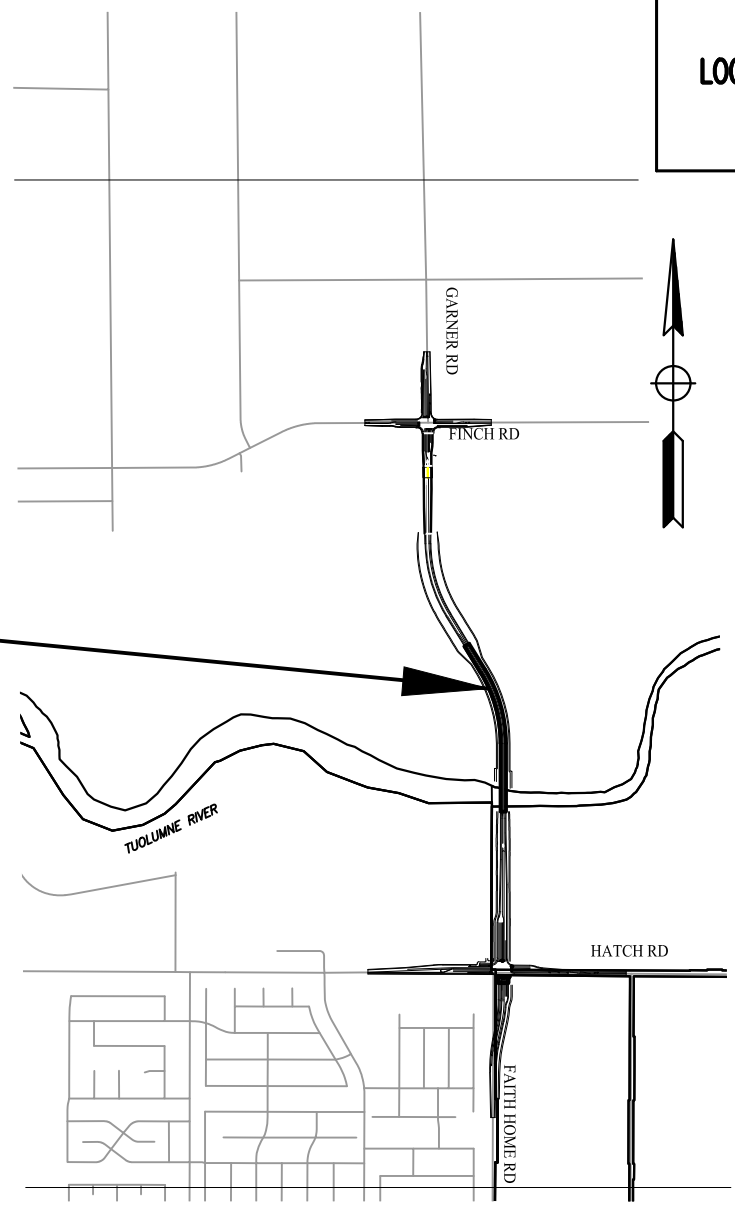
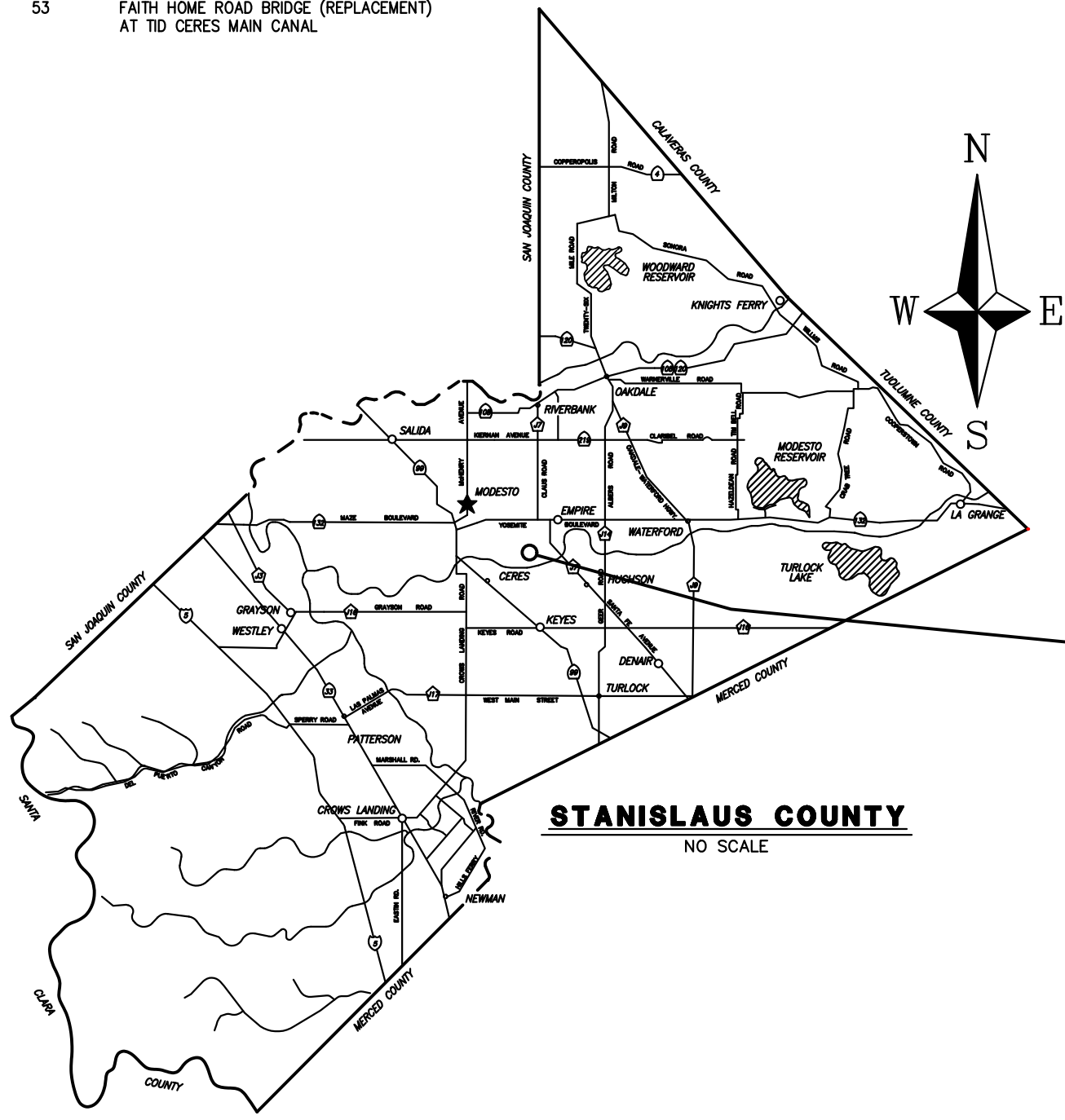
# STANISLAUS COUNTY PUBLIC WORKS DEPARTMENT

## IMPROVEMENT PLANS FOR THE FAITH HOME ROAD / GARNER ROAD BRIDGE OVER THE TUOLUMNE RIVER

PROJECT NO. STPL-5938(240)



NO	DESCRIPTIONS	REVISIONS	DATE	APPROVED



**LENGTH OF PROJECT = 6754 L.F.**  
NO SCALE

APPROVED BY THE STANISLAUS COUNTY PUBLIC WORKS DEPARTMENT.  
BY \_\_\_\_\_ DATE \_\_\_\_\_

**30% SUBMITTAL, NOT FOR CONSTRUCTION**

**STANISLAUS COUNTY**  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING AND OPERATIONS DIVISION  
 1776 MORGAN ROAD - MODESTO, CA 95358



**TITLE SHEET**  
 IMPROVEMENT PLANS FOR:  
 FAITH HOME ROAD  
 STANISLAUS COUNTY, CALIFORNIA

JOB NO 710098  
 DATE 05/30/19  
 DR BY JH  
 CK BY TC  
 SCALE 1" = 50'

SHEET NUMBER  
**1**  
 OF 53 SHEETS



**NOTES:**

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN.
2. TAPERED EDGE TO BE PLACED PER CALTRANS Std PLAN P74 AND P76.
3. FOR LOCATION AND DETAILS OF DRAINAGE BASINS, SEE DRAINAGE SHEETS.
4. THE TOP ELEVATION FOR THE BOAT SECTION U-SLAB WALLS SHALL BE 87.5' (Q<sub>200</sub>)

**FAITH HOME ROAD DESIGN DESIGNATION**

ADT (2015) NA D 52%  
 ADT (2045) 43,670 T 11%  
 V 45 MPH  
 URBAN/RURAL PRINCIPAL ARTERIAL (LEVEL TERRAIN)

PAVEMENT CLIMATE REGION: INLAND VALLEY

**EAST HATCH ROAD DESIGN DESIGNATION**

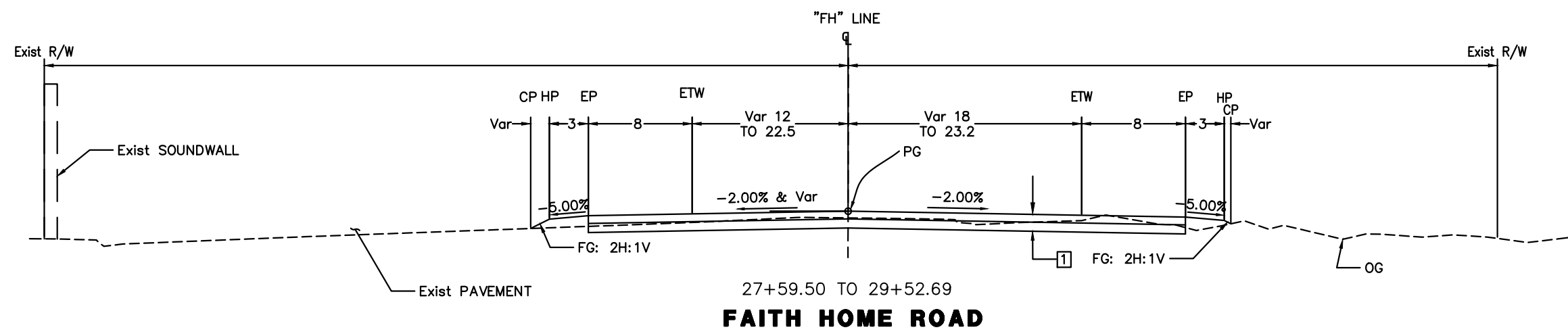
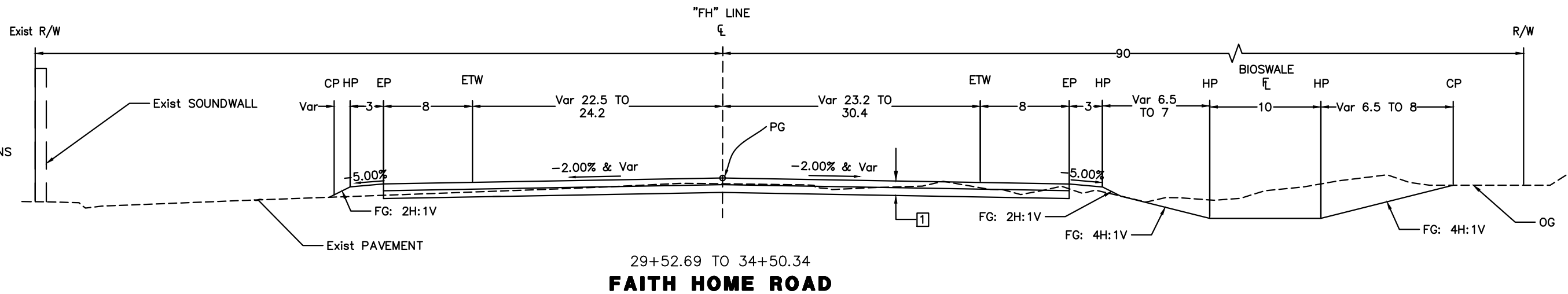
ADT (2015) 12,290 D 50%  
 ADT (2045) 28,380 T 12%  
 V 45 MPH  
 URBAN/RURAL MAJOR COLLECTOR (LEVEL TERRAIN)

**FINCH ROAD DESIGN DESIGNATION**

ADT (2015) 11,830 D 50%  
 ADT (2045) 27,850 T 12%  
 V 45 MPH  
 URBAN/RURAL MINOR ARTERIAL (LEVEL TERRAIN)

**TYPICAL PAVEMENT STRUCTURAL SECTIONS**

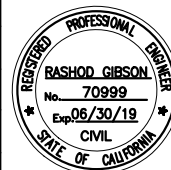
- 1 0.60 HMA (TYPE A)  
0.70 CI2 AB
- 2 0.40 HMA (TYPE A)  
0.50 CI2 AB
- 3 0.50 HMA (TYPE A)  
0.65 CI2 AB
- 4 BOAT SECTION  
SEE STRUCTURAL PLANS



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No.	Date	Revision	By
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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
 1601 RESPONSE ROAD, SUITE 260  
 SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

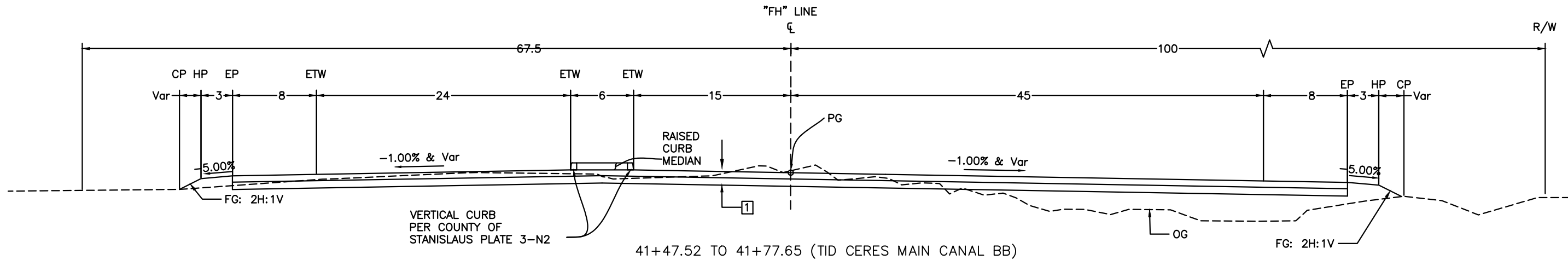
**FAITH HOME ROAD/ GARNER ROAD**  
 TYPICAL SECTION  
 SHEET 1 OF 9

Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By: S. PAVULURI  
 Drawn By: J. HOGE  
 Date:  
 Project No.: 710098.10  
 CAD File: 098-X  
 Sheet No. X-1

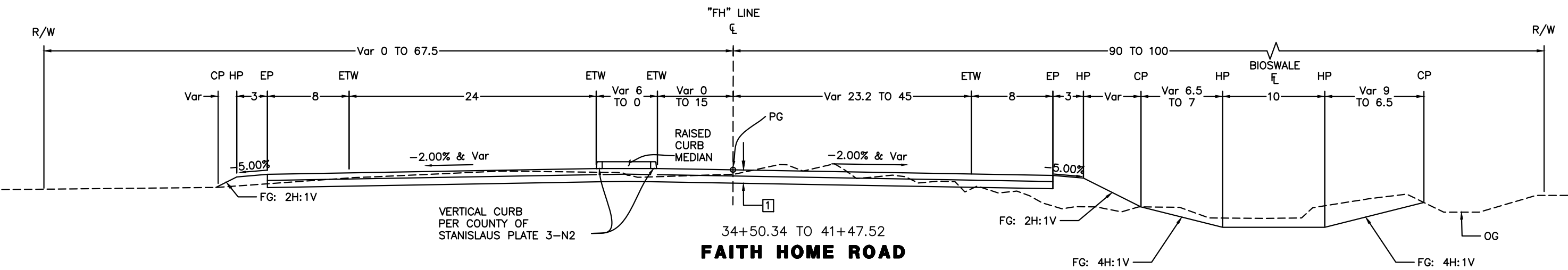
**NOTES:**

1. SEE SHEET X-1 FOR NOTES.



41+47.52 TO 41+77.65 (TID CERES MAIN CANAL BB)

**FAITH HOME ROAD**



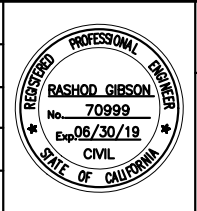
34+50.34 TO 41+47.52

**FAITH HOME ROAD**

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SACRAMENTO CA 95815

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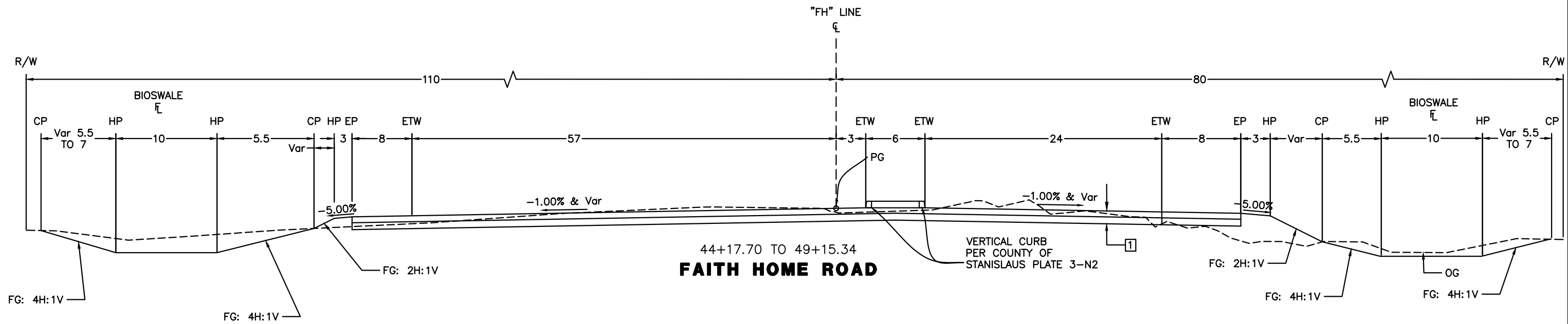
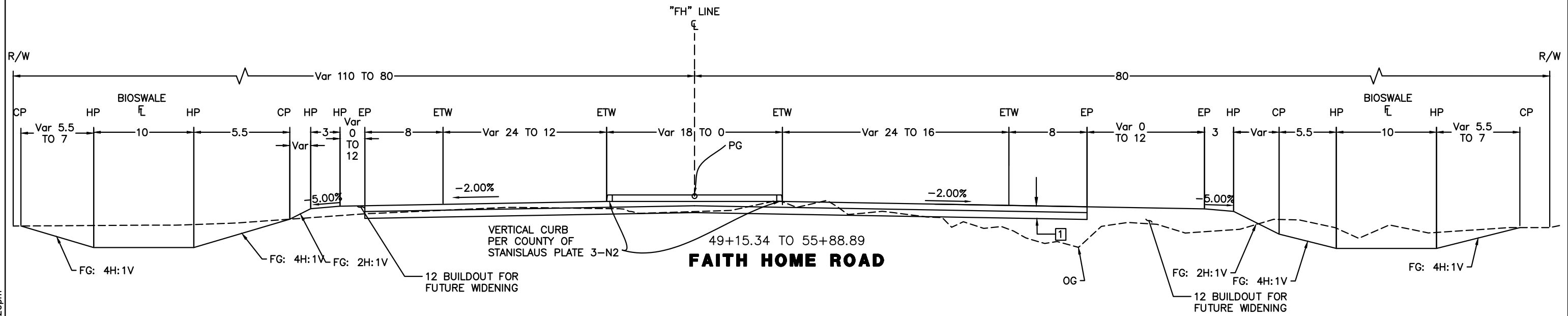
**FAITH HOME ROAD/ GARNER ROAD**  
TYPICAL SECTION  
SHEET 2 OF 9

Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-X  
Sheet No. X-2

**NOTES:**

1. SEE SHEET X-1 FOR NOTES.



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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

**FAITH HOME ROAD/ GARNER ROAD**  
TYPICAL SECTION  
SHEET 3 OF 9

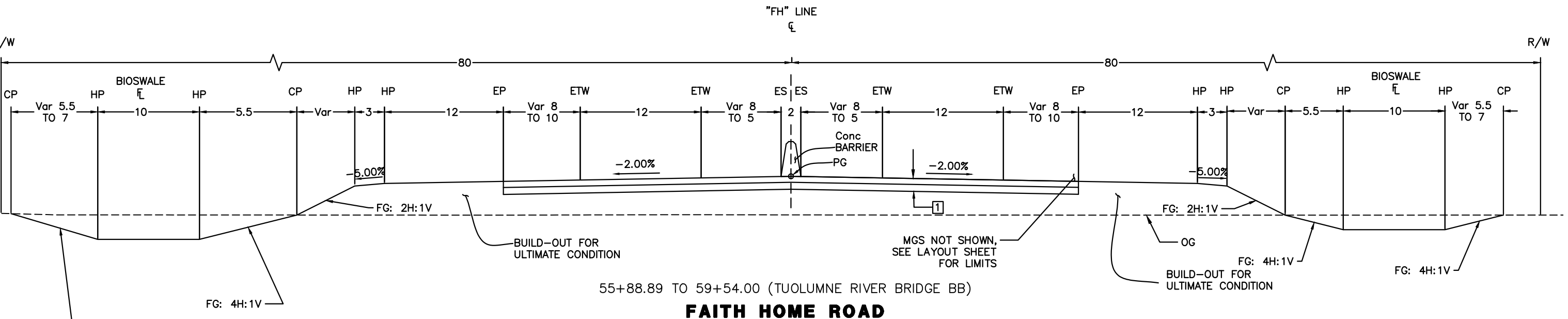
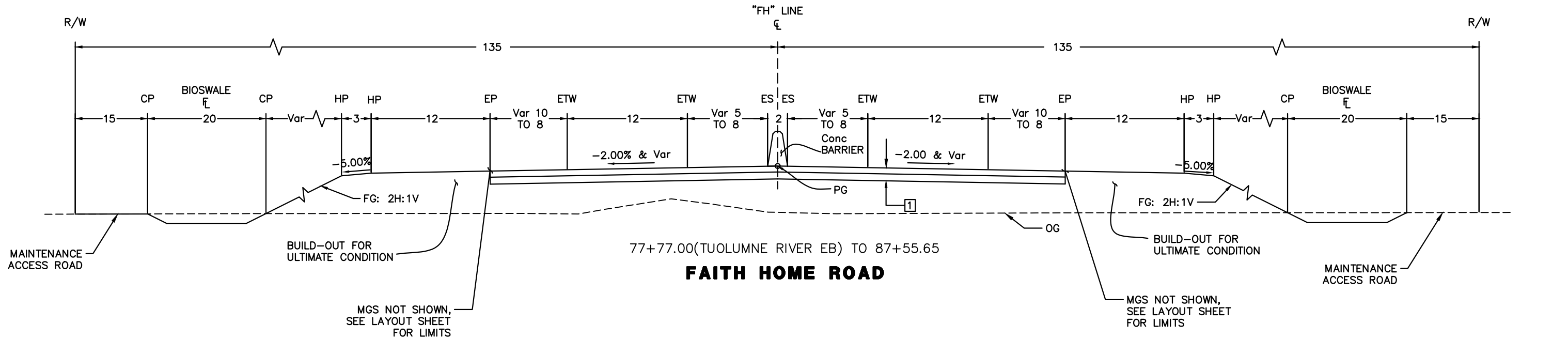
Approved --- Senior Engineer	Date	Recommended --- Project Manager	Date
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Designed By: S. PAVULURI
Drawn By: J. HOGE
Date:
Project No.: 710098.10
CAD File: 098-X
Sheet No. <b>X-3</b>



**NOTES:**

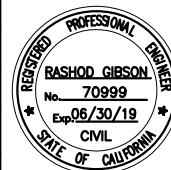
1. SEE SHEET X-1 FOR NOTES.



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SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
TYPICAL SECTION  
SHEET 4 OF 9

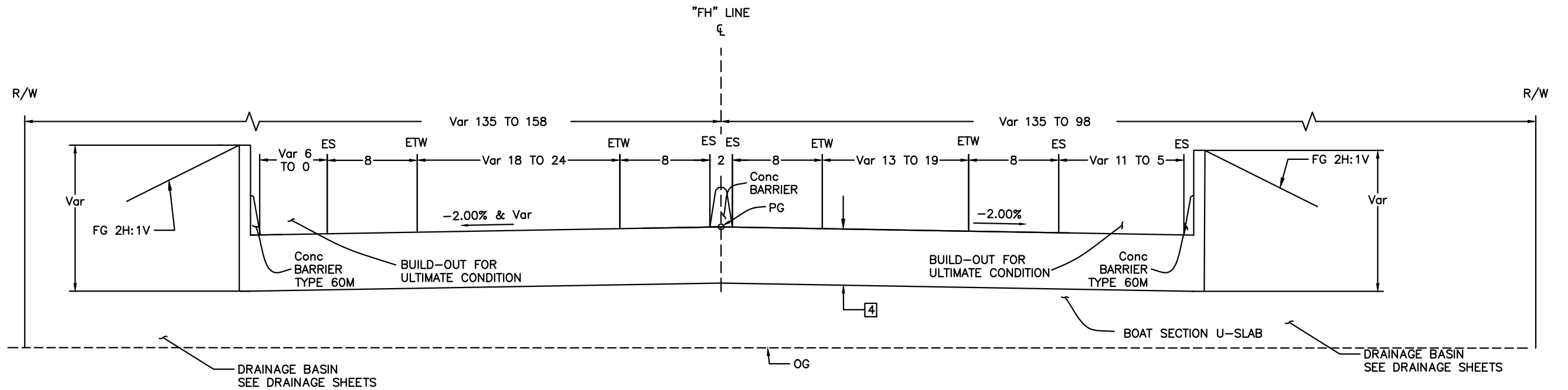
Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-X  
Sheet No.

X-4

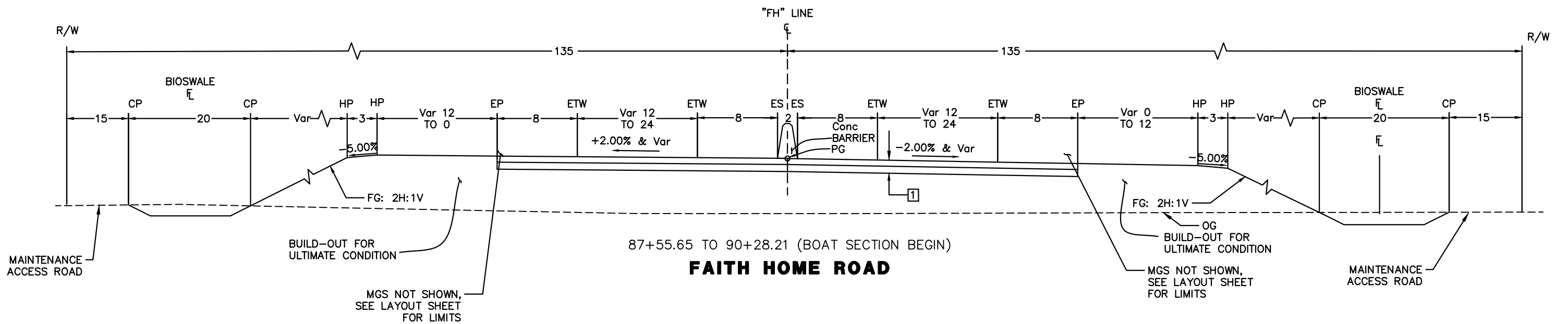
**NOTES:**

1. SEE SHEET X-1 FOR NOTES.



90+28.21 (BOAT SECTION BEGIN) TO 92+60.03

**FAITH HOME ROAD**



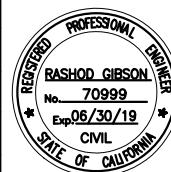
87+55.65 TO 90+28.21 (BOAT SECTION BEGIN)

**FAITH HOME ROAD**

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SACRAMENTO CA 95815

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FAITH HOME ROAD/ GARNER ROAD  
TYPICAL SECTION  
SHEET 5 OF 9

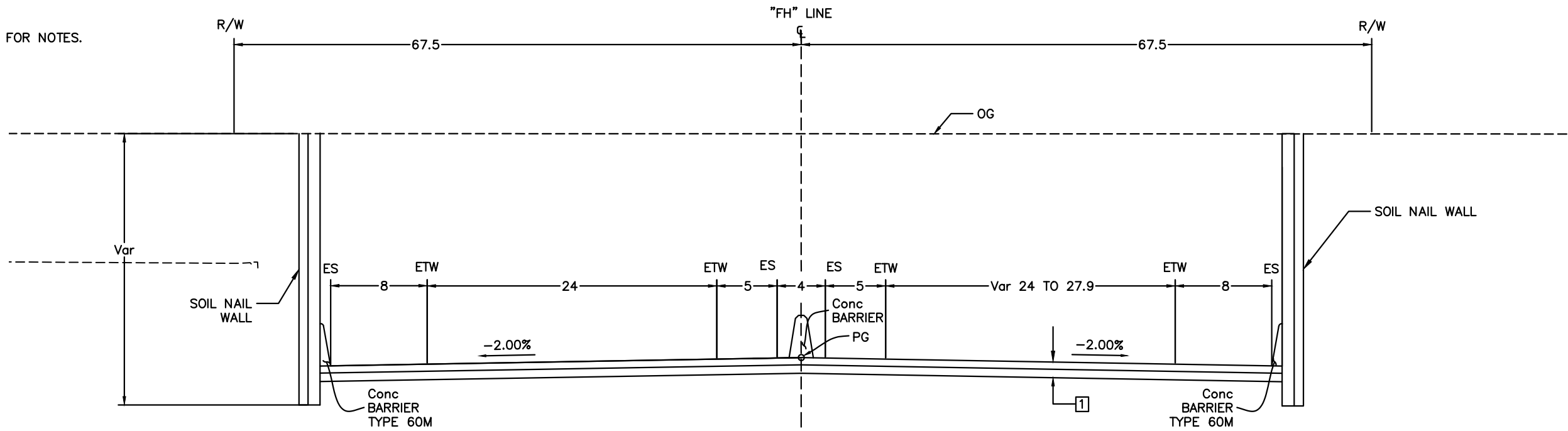
Approved --- Senior Engineer Date Recommended --- Project Manager Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-X  
Sheet No.

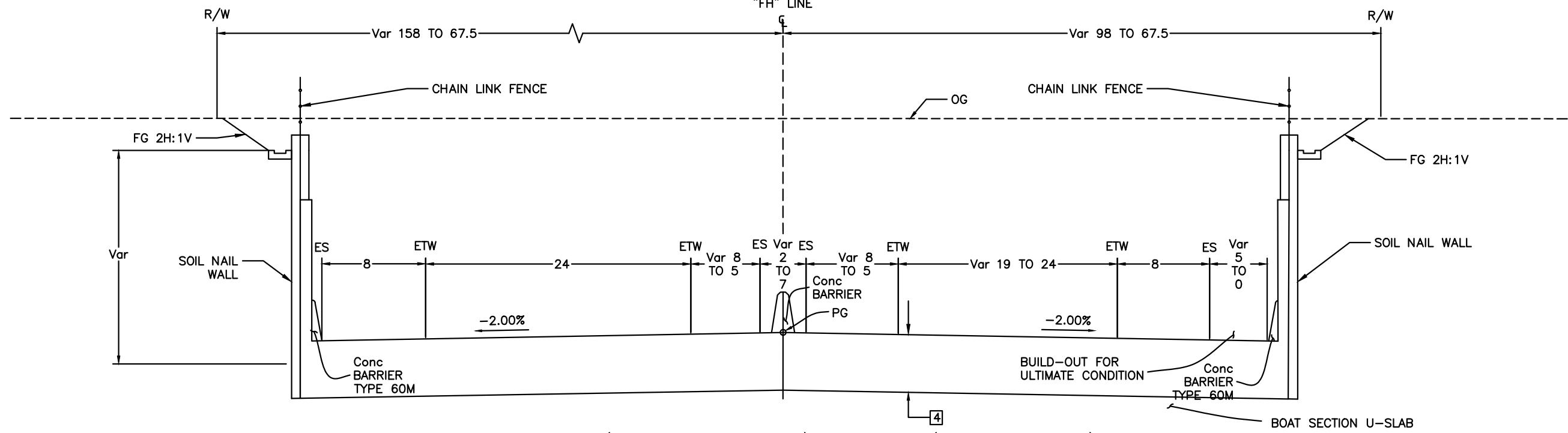
X-5

**NOTES:**

1. SEE SHEET X-1 FOR NOTES.



97+35.02 TO 97+94.51  
**FAITH HOME ROAD**



97+22.29 (GRADE SEPARATION END) TO 97+35.02 (BOAT SECTION END)  
92+60.03 TO 96+12.23 (GRADE SEPARATION BEGIN)  
**FAITH HOME ROAD**

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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

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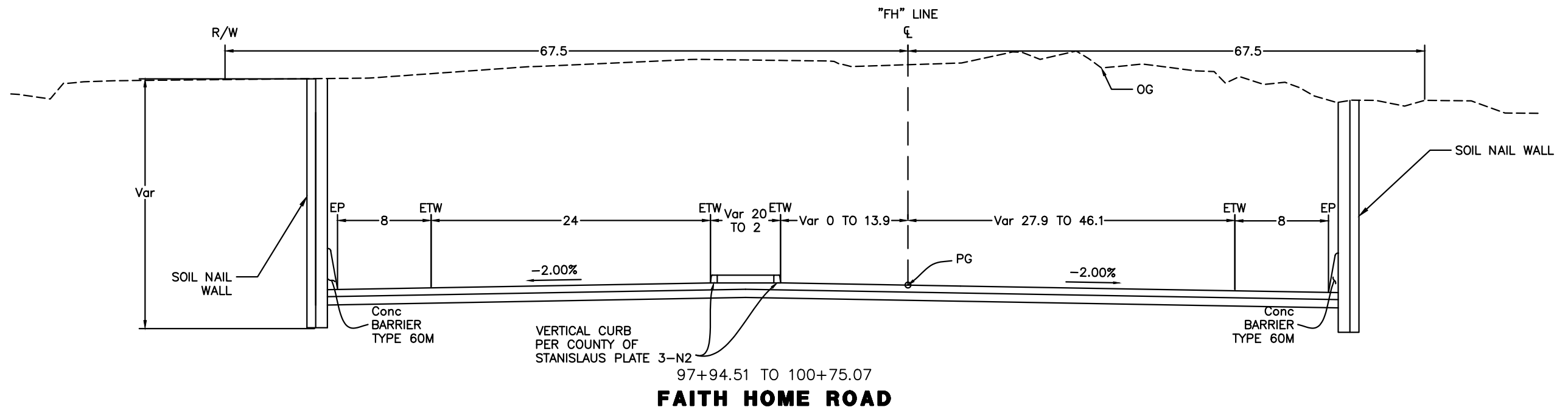
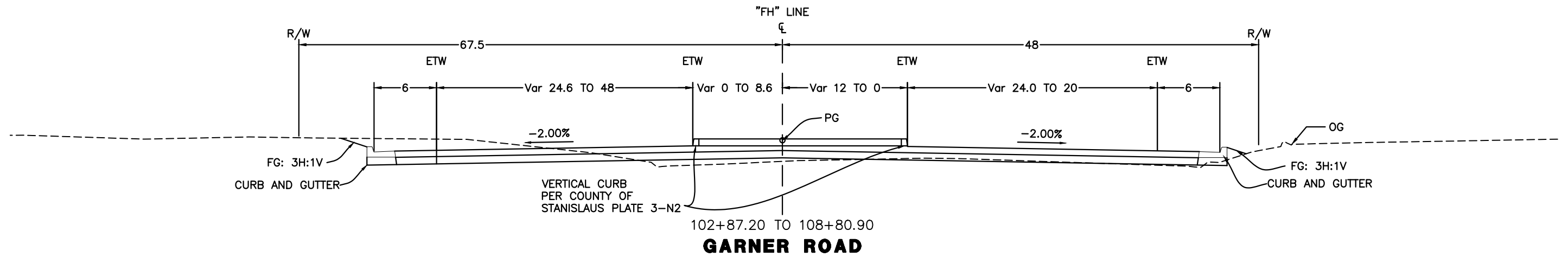
**FAITH HOME ROAD/ GARNER ROAD**  
TYPICAL SECTION  
SHEET 6 OF 9

Approved --- Senior Engineer Date Recommended --- Project Manager Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-X  
Sheet No.

**NOTES:**

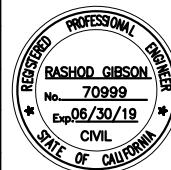
1. SEE SHEET X-1 FOR NOTES.



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T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

**FAITH HOME ROAD/ GARNER ROAD**  
TYPICAL SECTION  
SHEET 7 OF 9

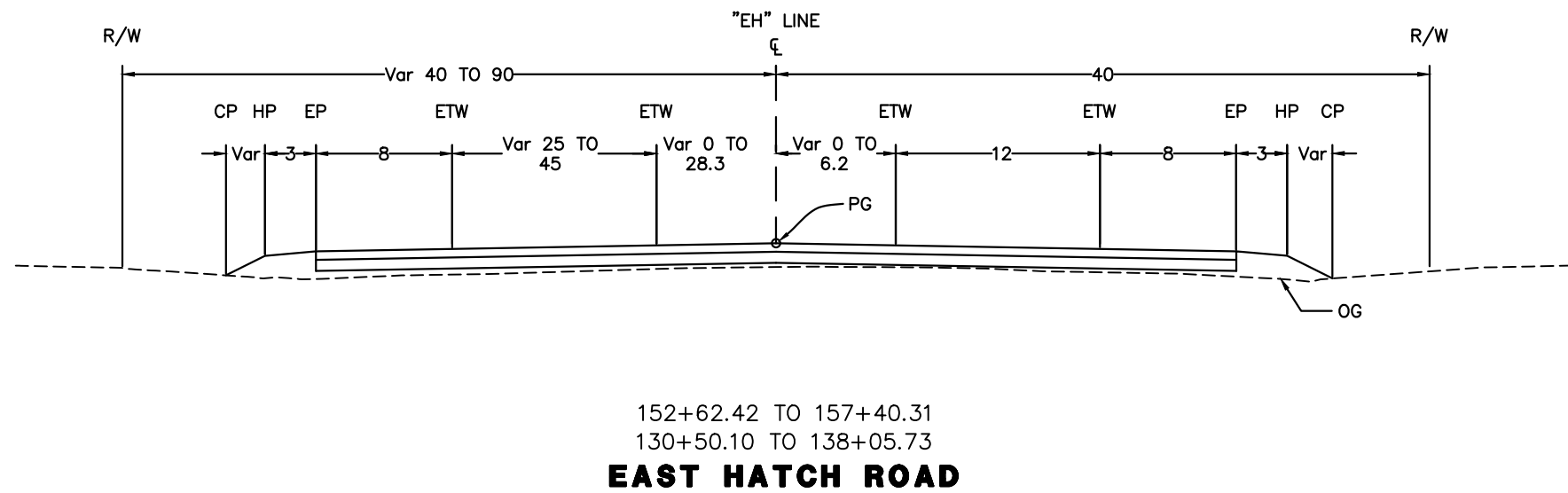
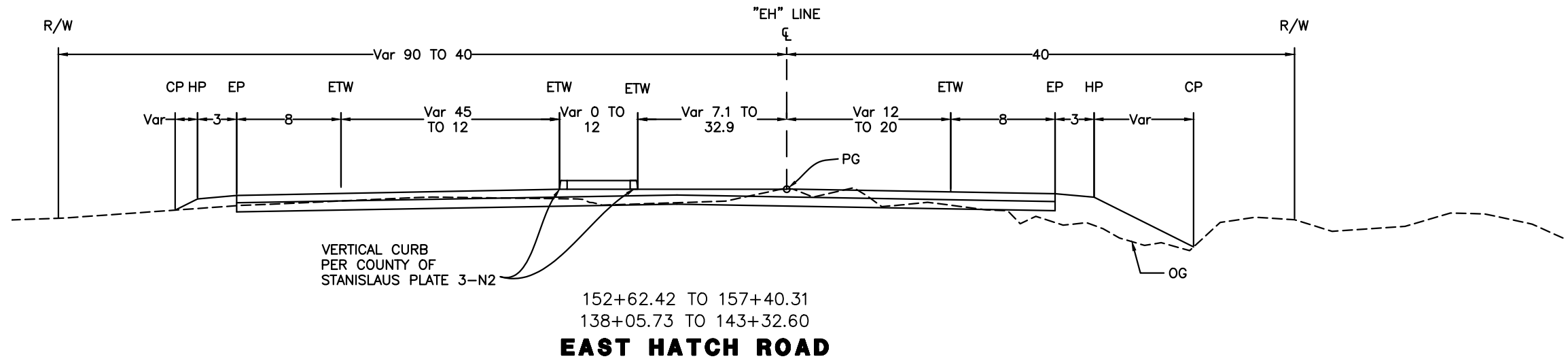
Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-L  
Sheet No.

X-7

**NOTES:**

- SEE SHEET X-1 FOR NOTES AND LEGEND



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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
 1601 RESPONSE ROAD, SUITE 260  
 SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

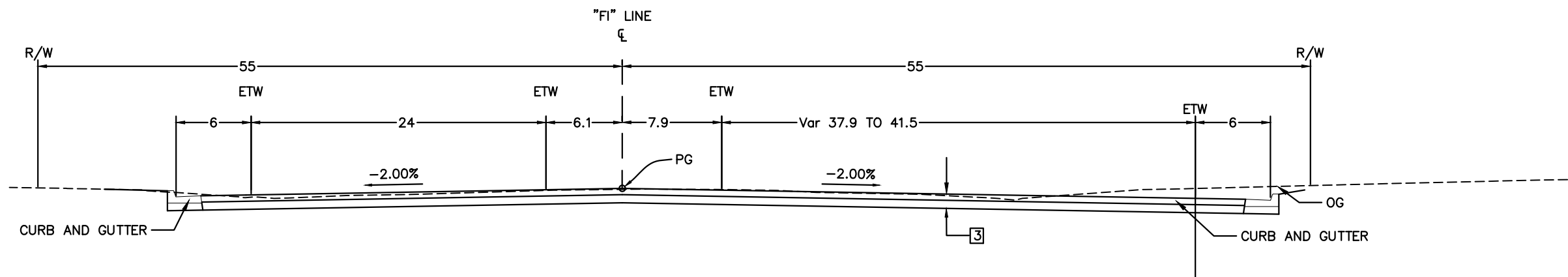
FAITH HOME ROAD/ GARNER ROAD  
 TYPICAL SECTION  
 SHEET 8 OF 9

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

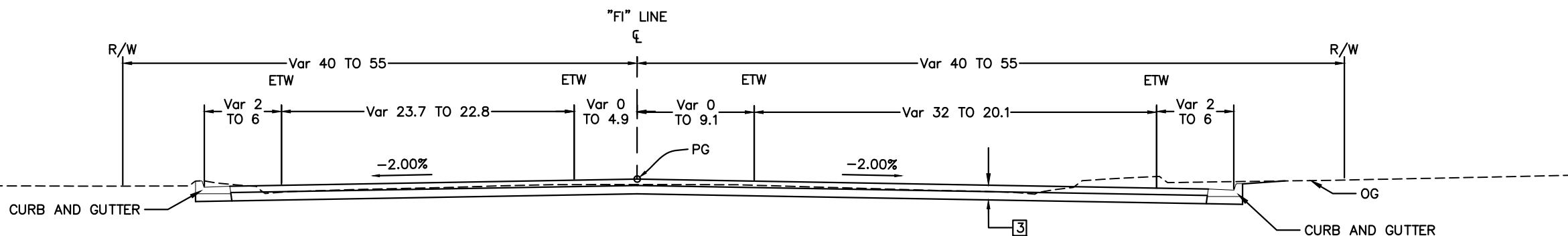
Designed By: S. PAVULURI  
 Drawn By: J. HOGE  
 Date:  
 Project No.: 710098.10  
 CAD File: 098-L  
 Sheet No. **X-8**

**NOTES:**

1. SEE SHEET X-1 FOR NOTES AND LEGEND



167+65.13 TO 169+71.47  
 163+72.53 TO 166+20.79  
**FINCH ROAD**



"FI" 169+71.47 TO 173+65.33  
 "FI" 160+49.11 TO 163+72.53  
**FINCH ROAD**

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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

SUBMITTED \_\_\_\_\_

T.Y. LIN INTERNATIONAL  
 1601 RESPONSE ROAD, SUITE 260  
 SACRAMENTO CA 95815

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
 TYPICAL SECTION  
 SHEET 9 OF 9

Approved --- Senior Engineer      Date      Recommended---Project Manager      Date

Designed By: S. PAVULURI  
 Drawn By: J. HOGE  
 Date:  
 Project No.: 710098.10  
 CAD File: 098-L  
 Sheet No. **X-9**



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\03-098-L.dwg Jun 05, 2019, 4:21pm

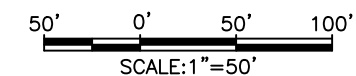
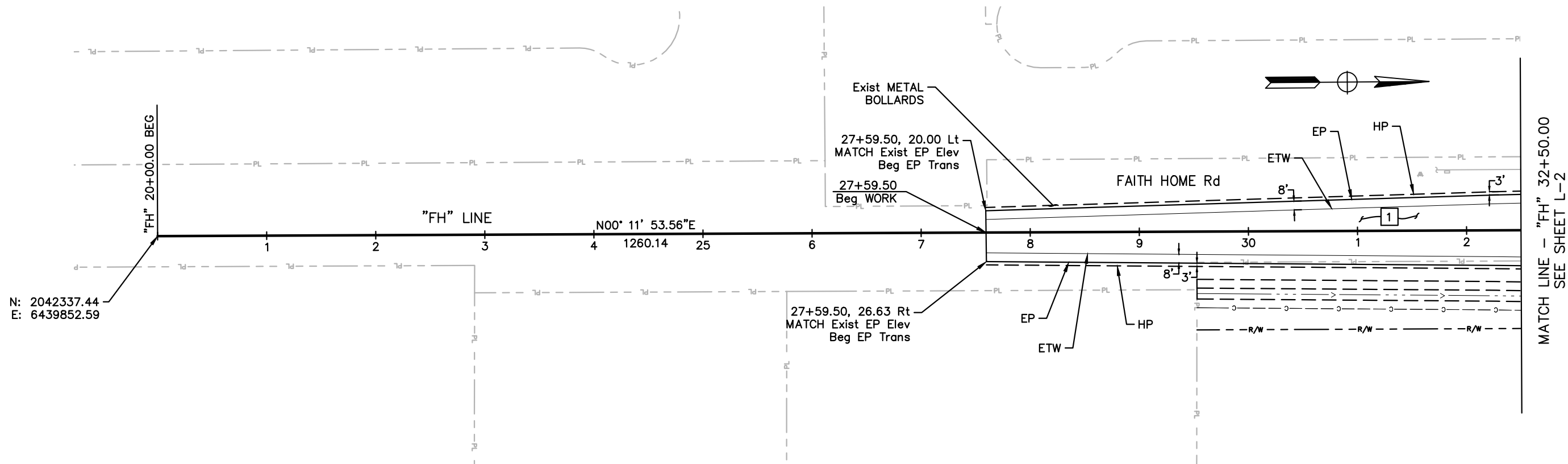
**NOTES:**

1. FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT STANISLAUS COUNTY.
2. ALL STATIONING IS ALONG THE "FH" LINE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN.
4. FOR DRAINAGE DETAILS, SEE DRAINAGE SHEETS.
5. FOR INTERSECTION DETAILS SEE CONSTRUCTION DETAIL SHEETS.

**LEGEND**

- △ CONTROL POINT
- ⊗ CURVE NUMBER, SEE CURVE TABLE
- STRUCTURAL SECTION, SEE SHEET X-1
- HINGE
- - - F - - - F FILL
- - - C - - - C CUT
- ▲—▲—▲— RETAINING WALL
- - - R/W - - - RIGHT OF WAY
- - - PL - - - PROPERTY LINES
- MIDWEST GUARDRAIL SYSTEM

- ↑ CALTRANS TYPE I ARROW
- ↙ CALTRANS TYPE IV(L) ARROW
- ↘ CALTRANS TYPE IV(R) ARROW
- ↖ CALTRANS TYPE VI ARROW
- ↗ CALTRANS TYPE VII(R) ARROW
- ⊕ Exist POWER POLE
- ⊕ Exist TELEPHONE POLE
- ⊕ Exist SERVICE POINT



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SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 1 OF 9

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-L  
Sheet No.

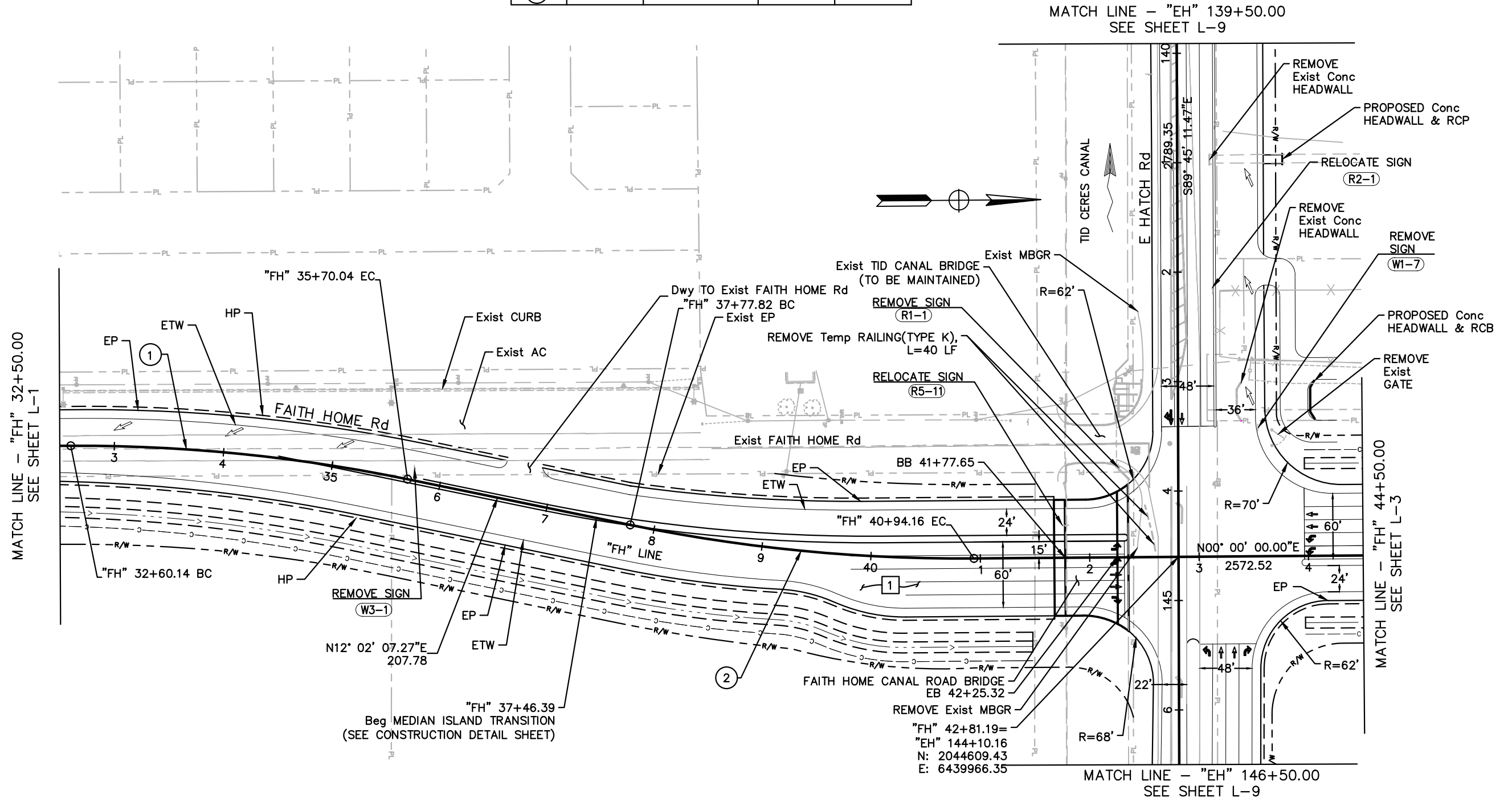
L-1

**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET L-1

**CURVE DATA**

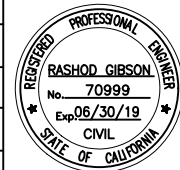
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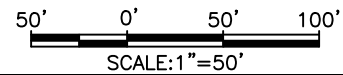
STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 2 OF 9

Approved --- Senior Engineer Date Recommended --- Project Manager Date

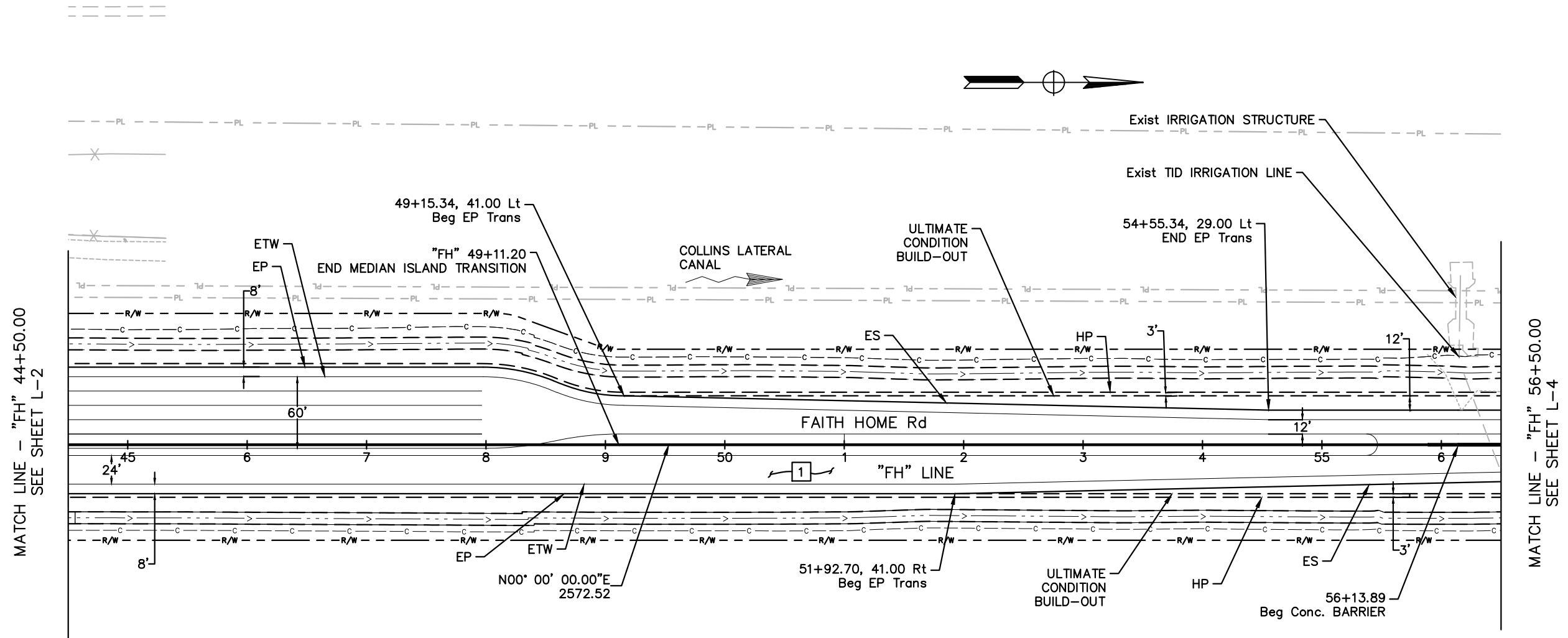


Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-L.dwg
Sheet No.	

L-2

**NOTES:**

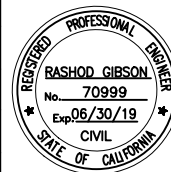
- FOR NOTES AND LEGEND, SEE SHEET L-1



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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

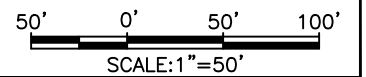
T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 3 OF 9

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date



Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-L.dwg
Sheet No.	

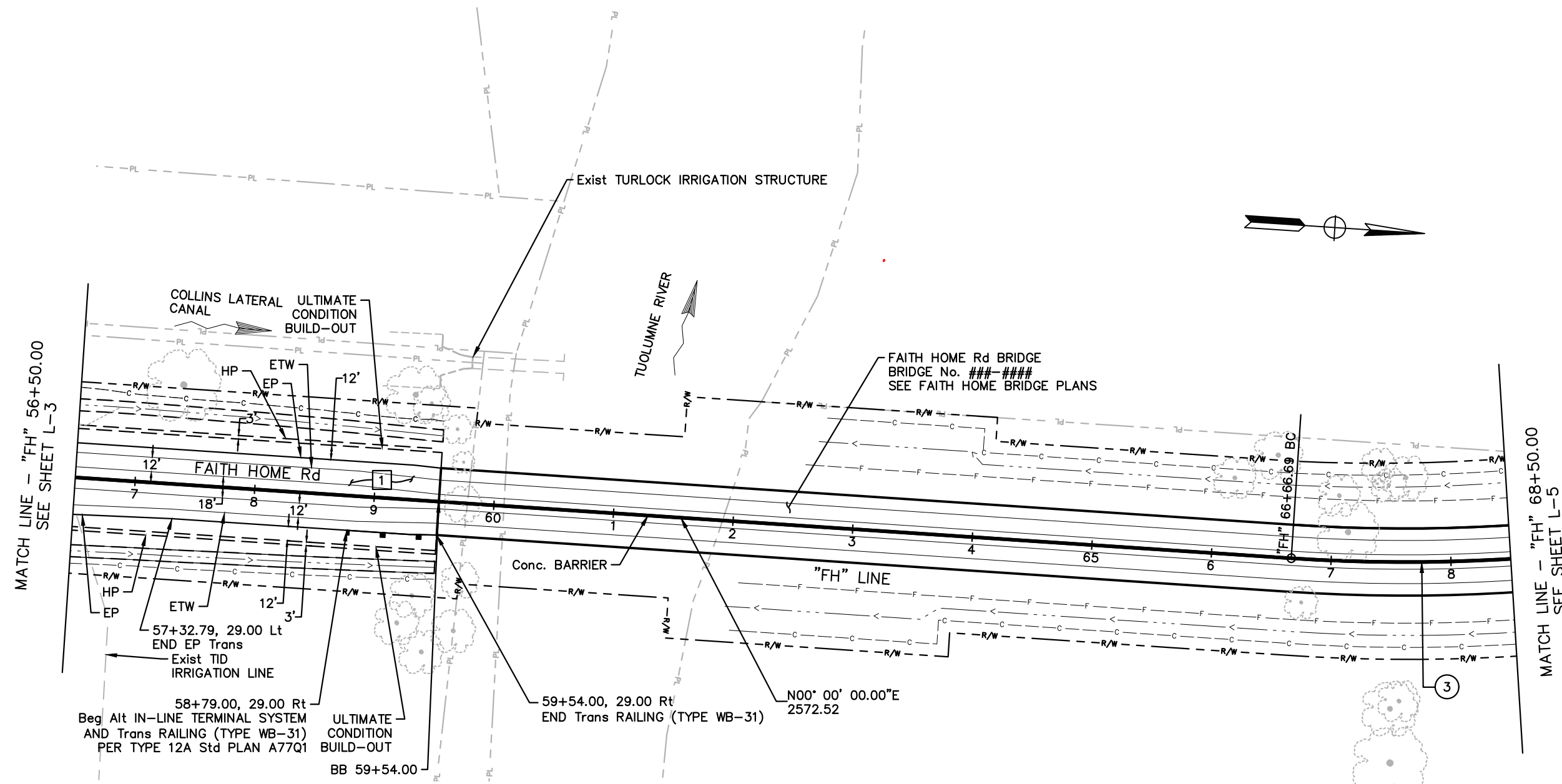
L-3

**NOTES:**

- FOR NOTES AND LEGEND, SEE SHEET L-1

**CURVE DATA**

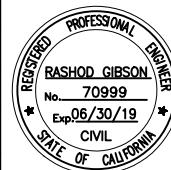
(No)	R	Δ	T	L
(3)	1436.00	31° 31' 35"	405.35	790.14



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\03-098-L.dwg Jun 05, 2019, 4:21pm



No.	Date	Revision	By
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T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 4 OF 9

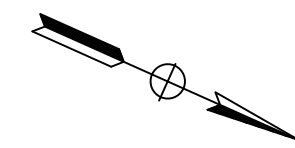
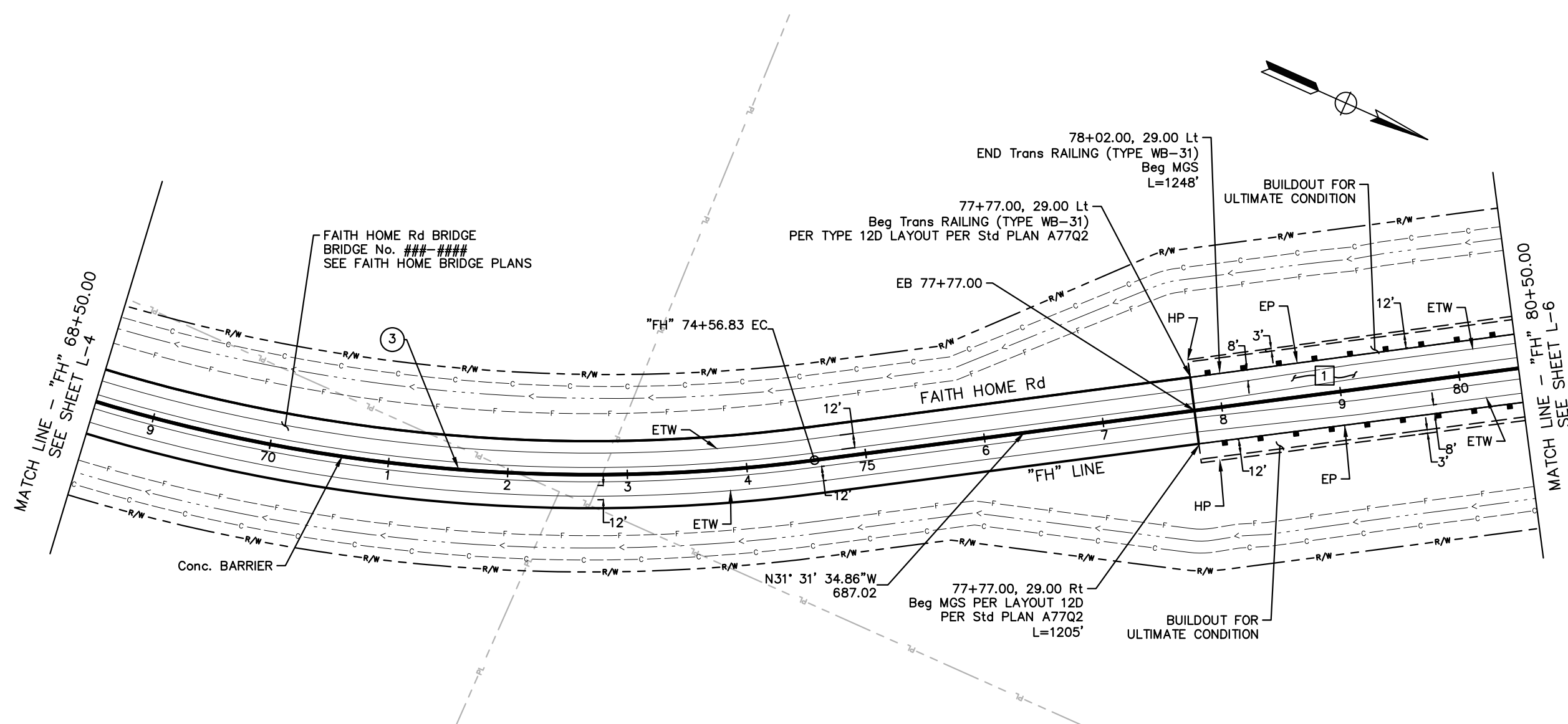
Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-L.dwg
Sheet No.	L-4

50' 0' 50' 100'  
SCALE: 1"=50'

**NOTES:**

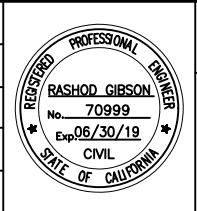
- FOR NOTES AND LEGEND, SEE SHEET L-1



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\03-098-L.dwg Jun 05, 2019, 4:21pm



No.	Date	Revision	By
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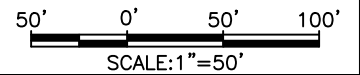
STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 5 OF 9

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date



Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-L.dwg
Sheet No.	<b>L-5</b>

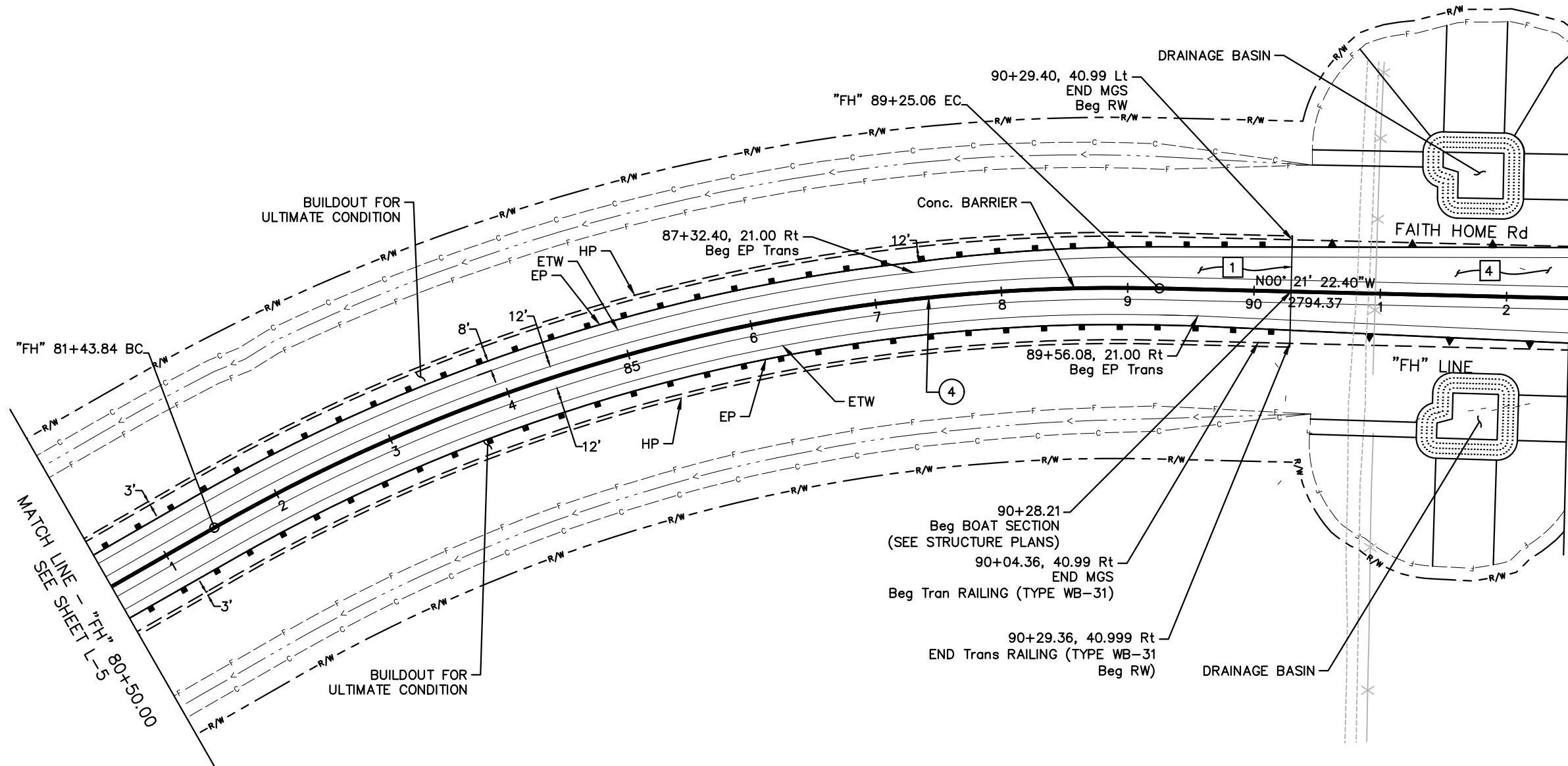
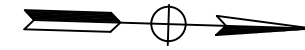


**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET L-1

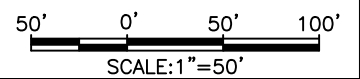
**CURVE DATA**

(No)	R	Δ	T	L
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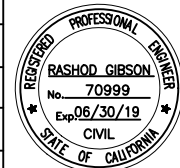


MATCH LINE - "FH" 92+50.00  
SEE SHEET L-7

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\03-098-L.dwg Jun 05, 2019, 4:21pm



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SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 6 OF 9

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

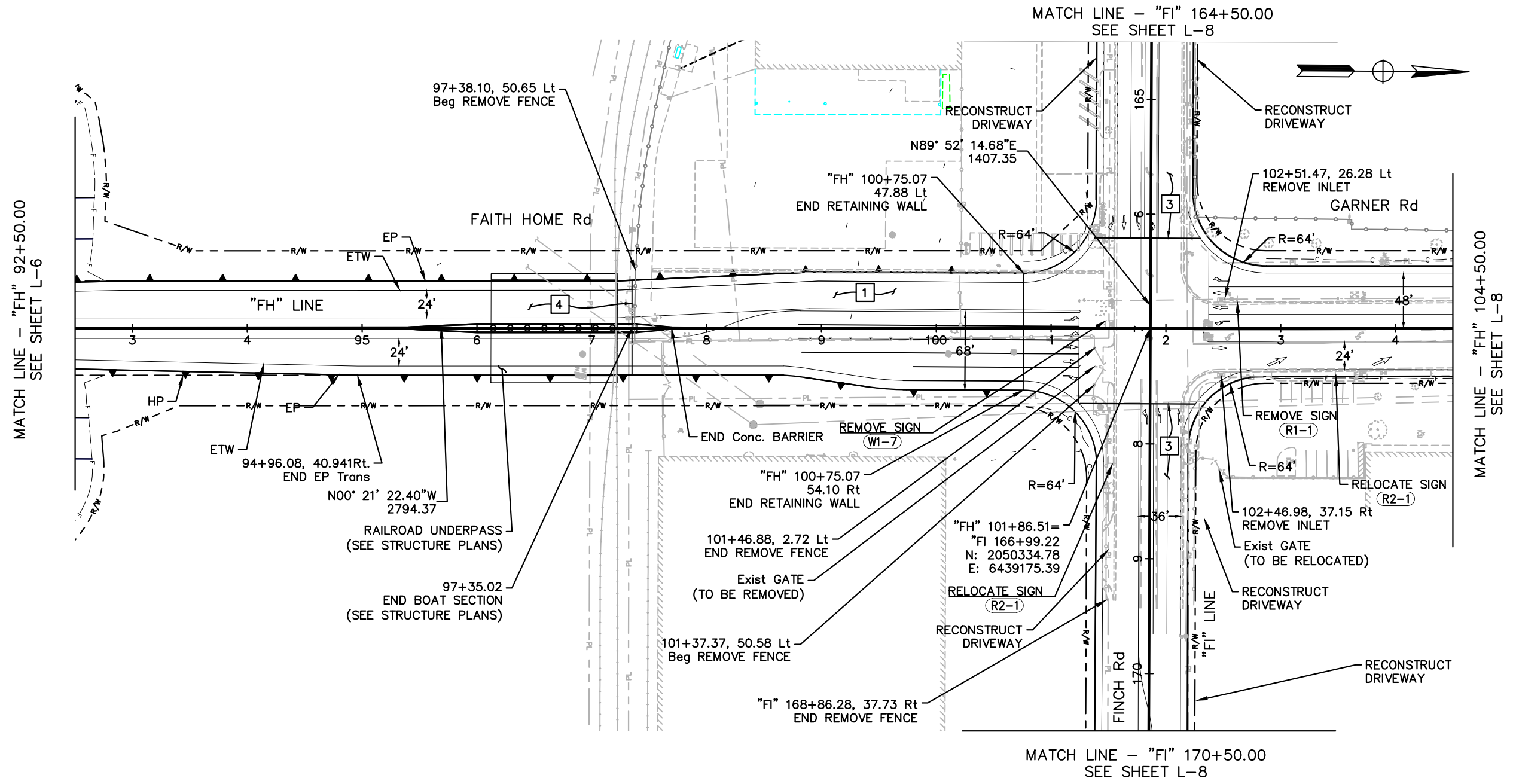
Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-L.dwg
Sheet No.	

L-6



**NOTES:**

- FOR NOTES AND LEGEND, SEE SHEET L-1



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SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 7 OF 9

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

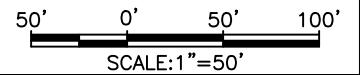
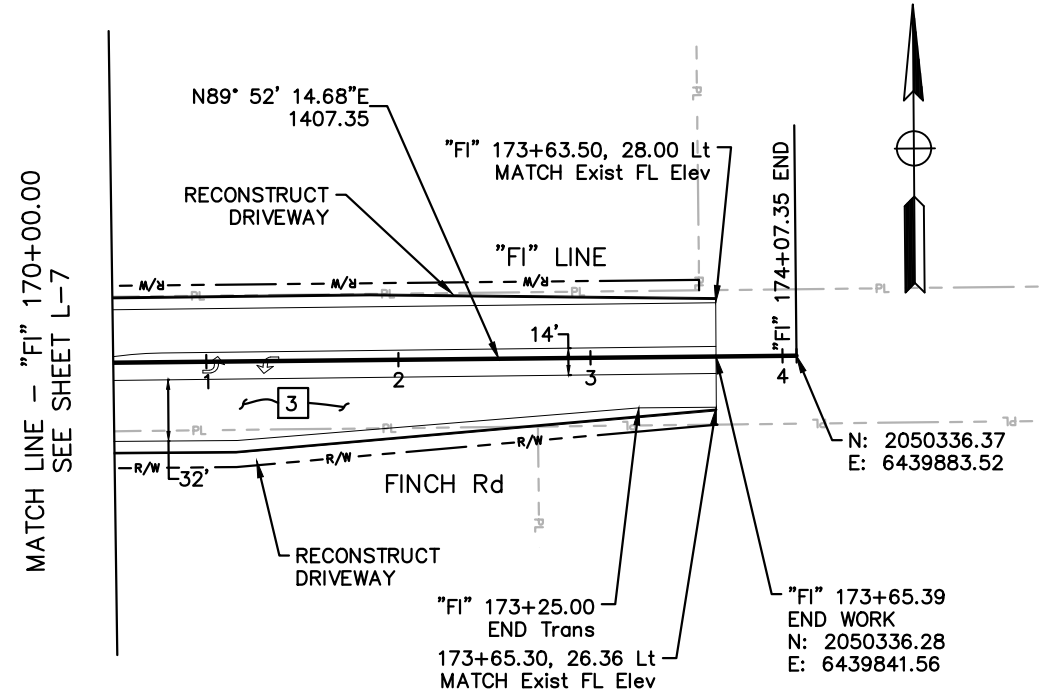
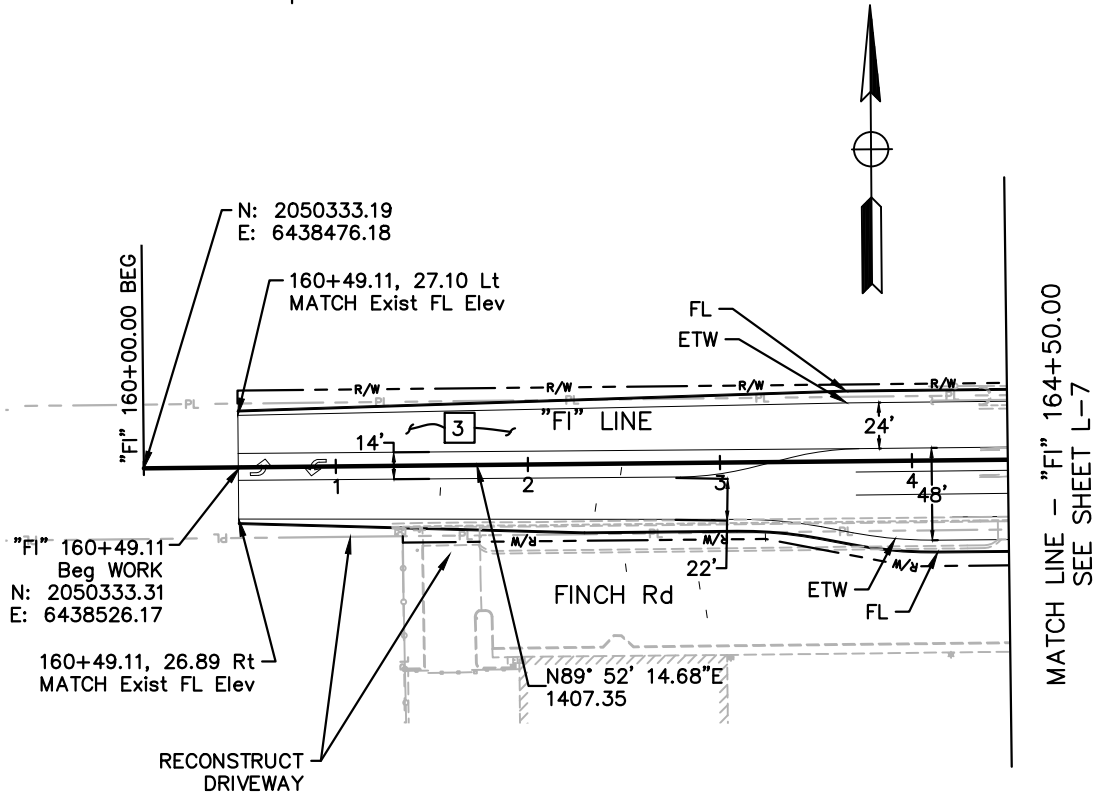
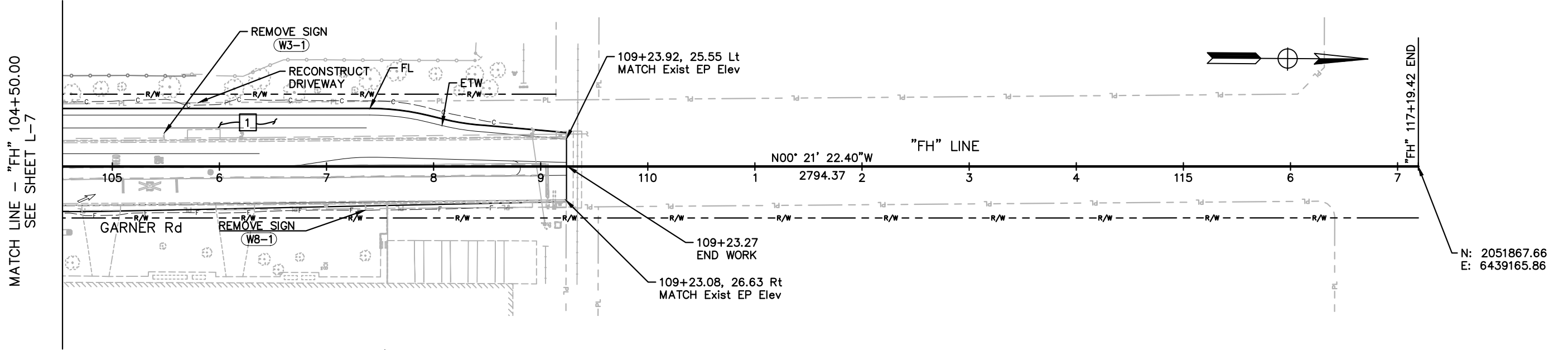
Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-L.dwg  
Sheet No.

L-7

50' 0' 50' 100'  
SCALE: 1"=50'

**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET L-1



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\03-098-L.dwg Jun 05, 2019, 4:21pm



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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

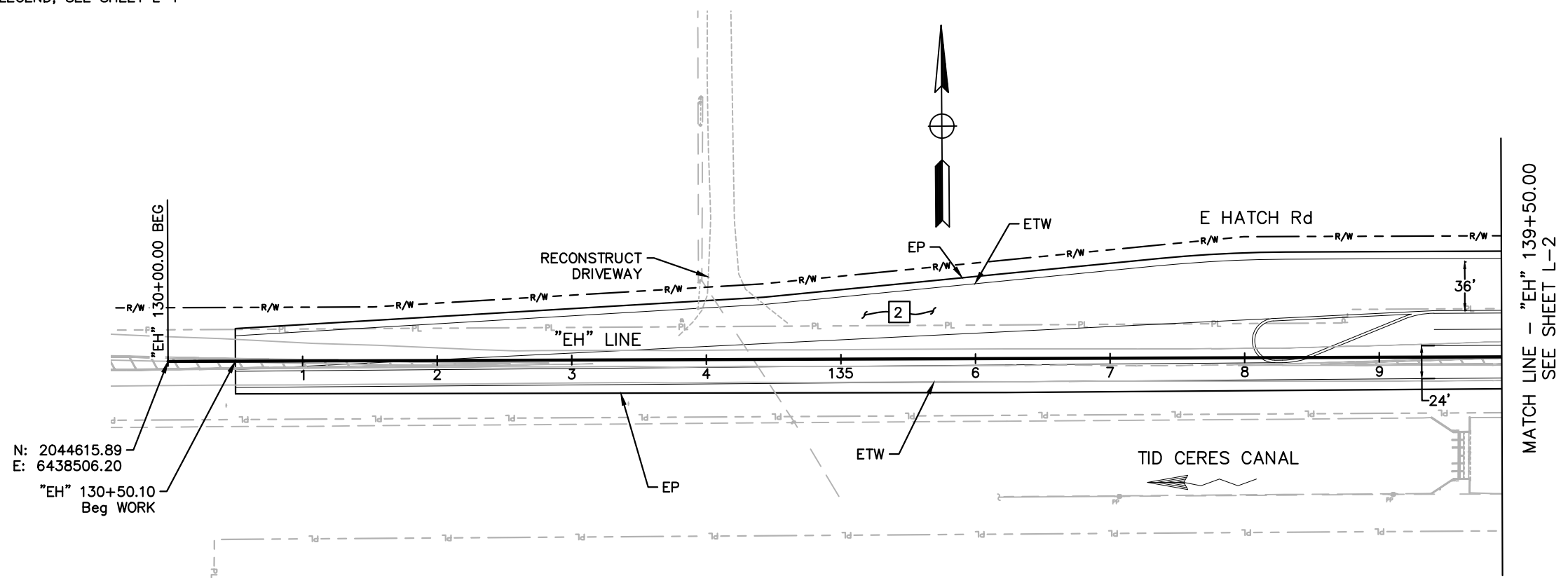
**FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 8 OF 9**

Approved --- Senior Engineer	Date	Recommended --- Project Manager	Date
------------------------------	------	---------------------------------	------

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-L.dwg
Sheet No.	<b>L-8</b>

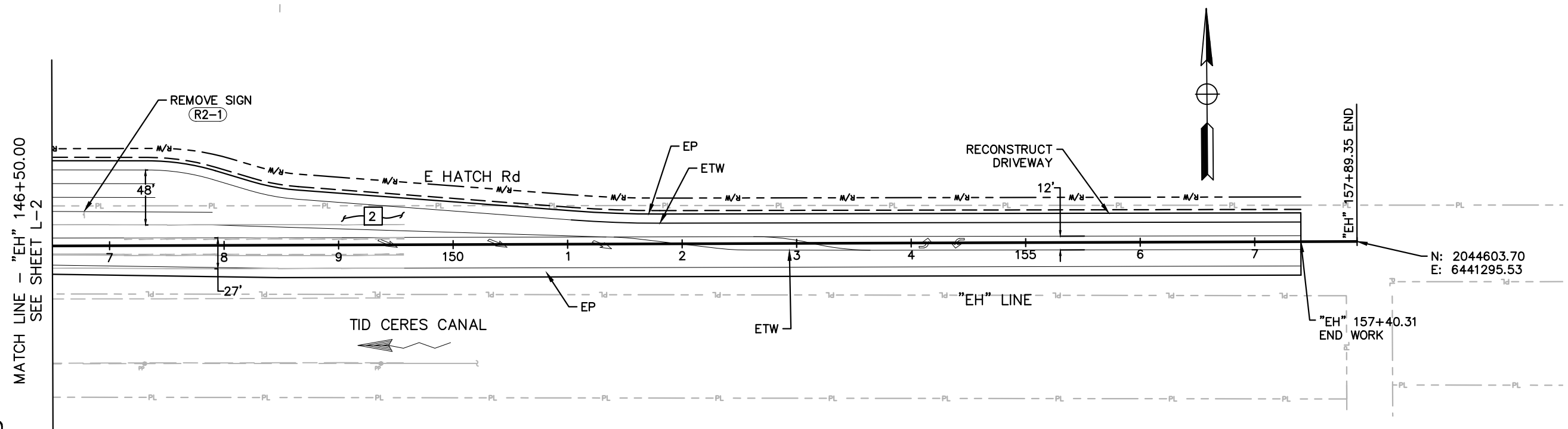
**NOTES:**

- FOR NOTES AND LEGEND, SEE SHEET L-1



N: 2044615.89  
E: 6438506.20  
"EH" 130+50.10  
Beg WORK

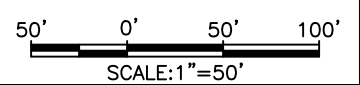
MATCH LINE - "EH" 139+50.00  
SEE SHEET L-2



MATCH LINE - "EH" 146+50.00  
SEE SHEET L-2

N: 2044603.70  
E: 6441295.53

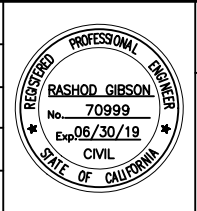
"EH" 157+40.31  
END WORK



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\03-098-L.dwg Jun 05, 2019, 4:21pm



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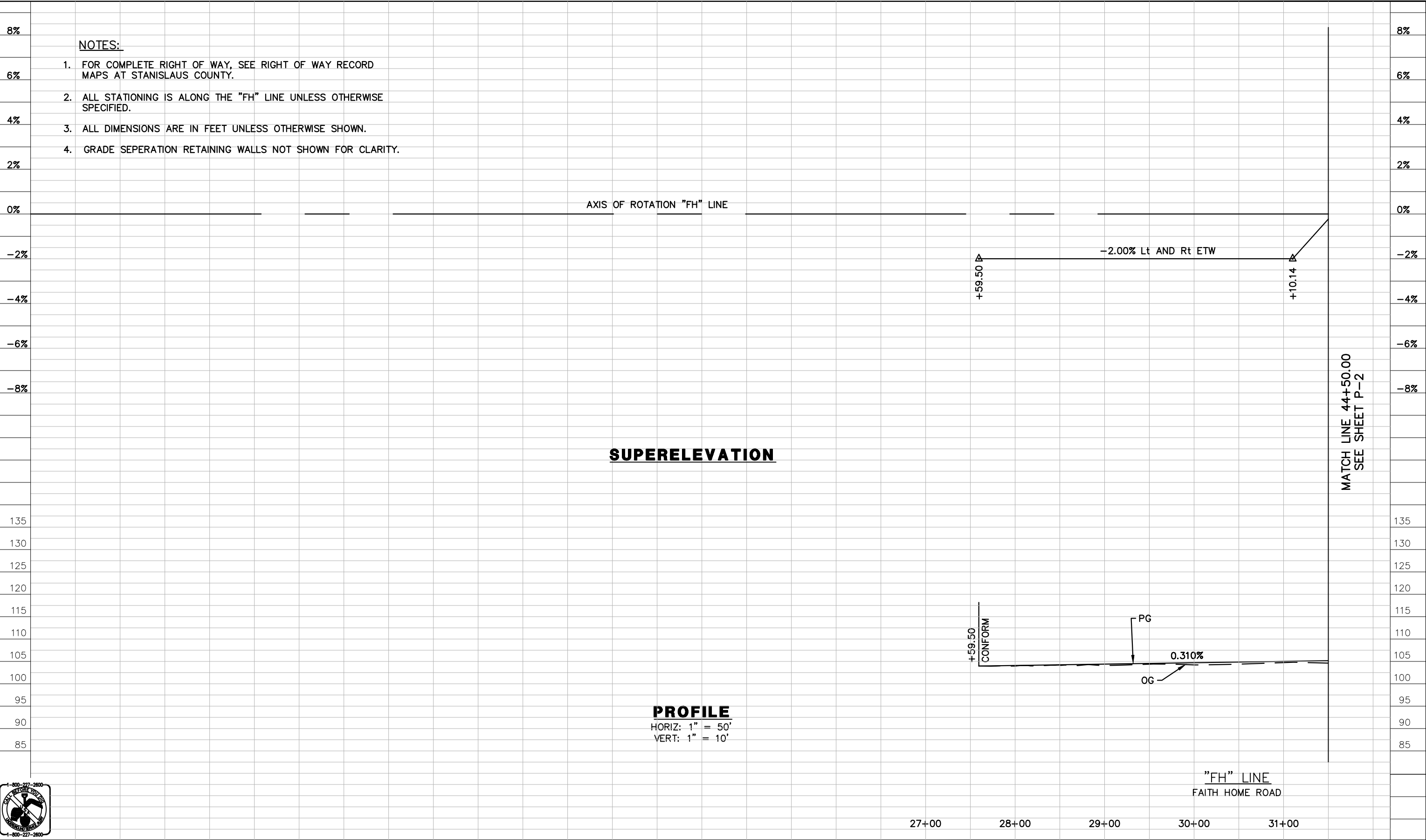
SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
LAYOUT  
SHEET 9 OF 9

Approved --- Senior Engineer      Date      Recommended---Project Manager      Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-L.dwg
Sheet No.	L-9

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:21pm



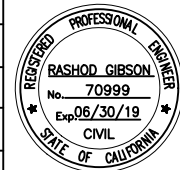
**SUPERELEVATION**

**PROFILE**

HORIZ: 1" = 50'  
VERT: 1" = 10'



No.	Date	Revision	By
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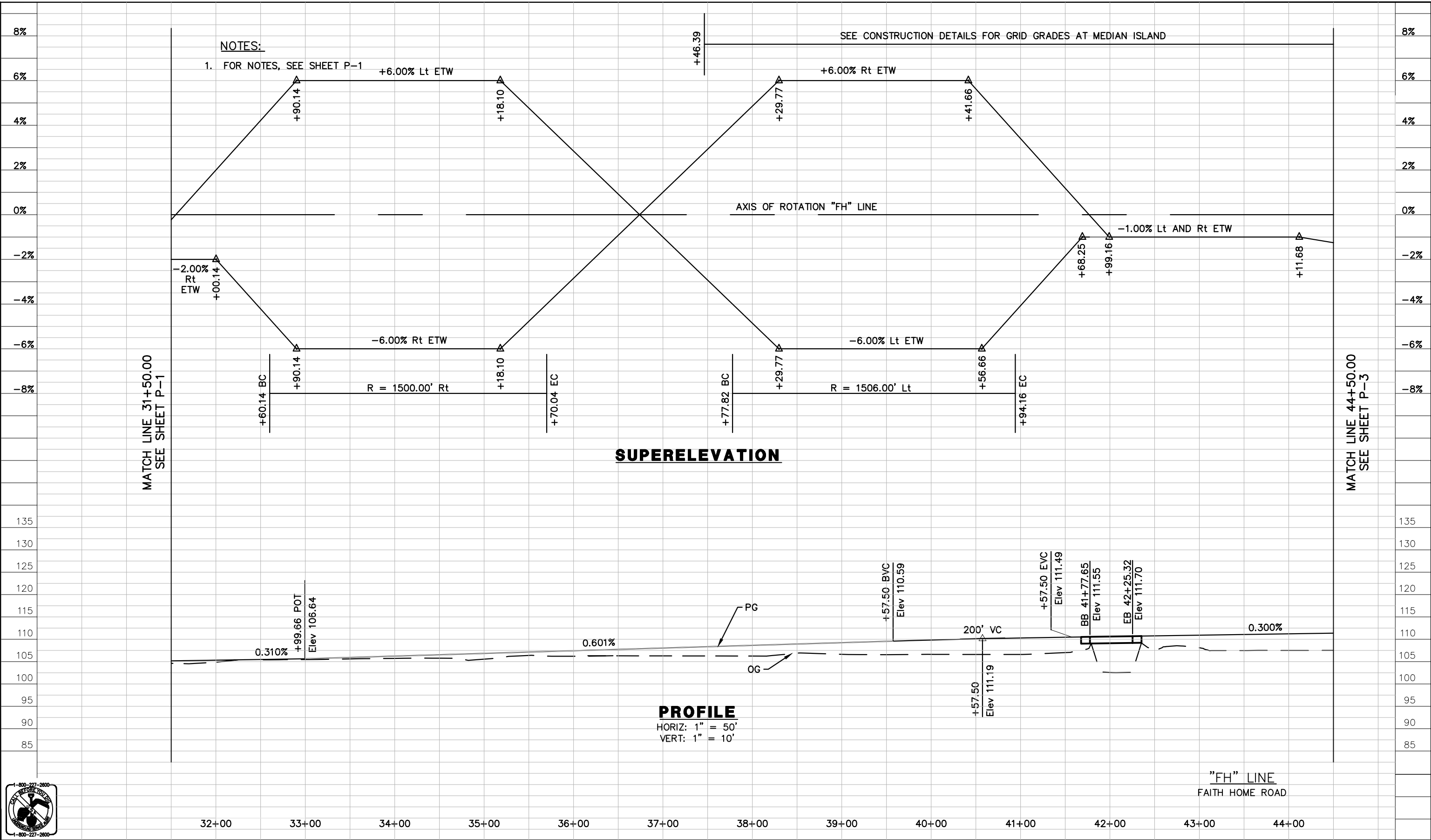
T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

FAITH HOME ROAD/ GARNER ROAD  
PROFILE AND SUPERELEVATION  
SHEET 1 OF 11

Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-P.dwg  
Sheet No. P-1

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:21pm



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 SACRAMENTO CA 95815

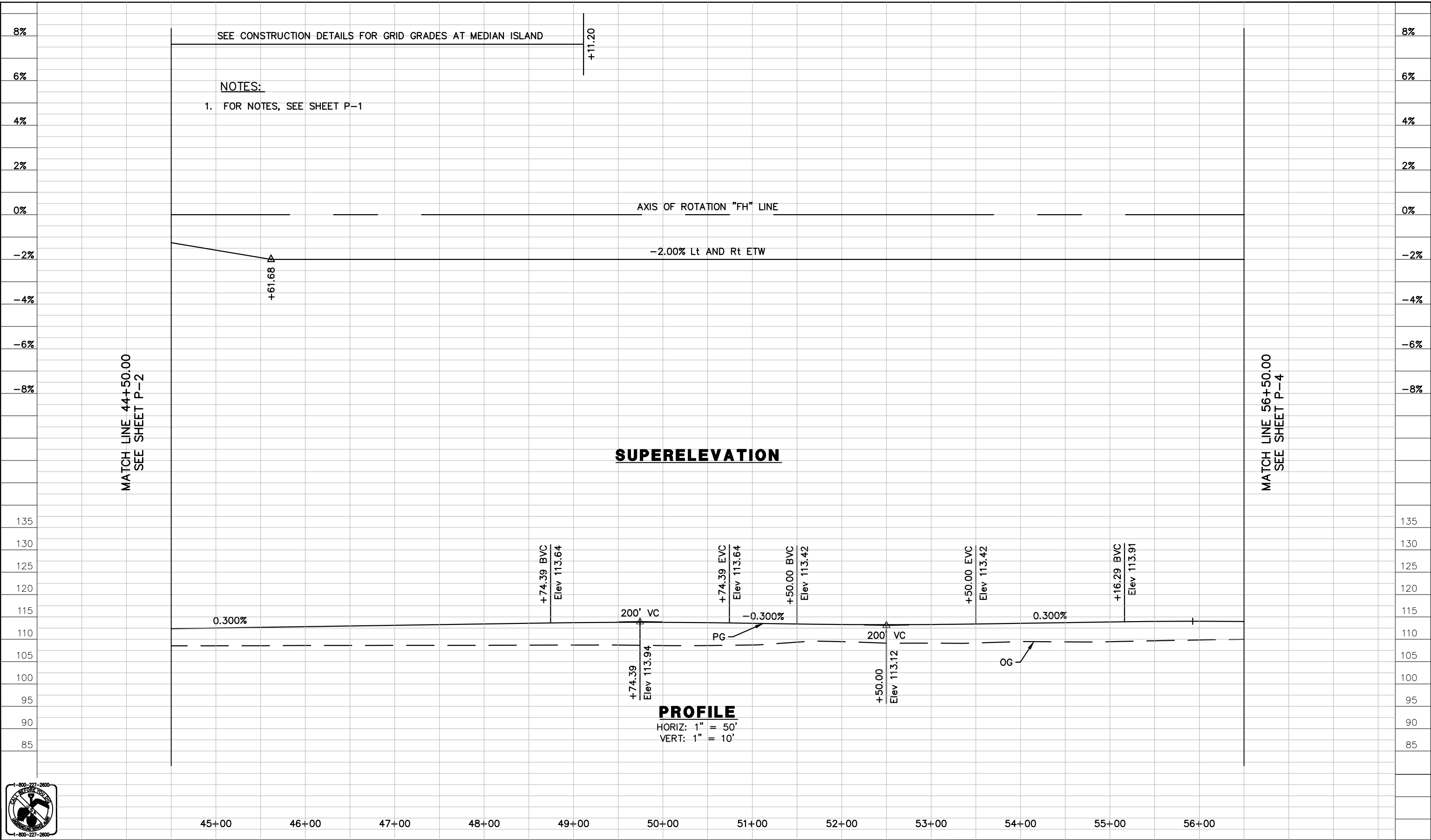
SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
 PROFILE AND SUPERELEVATION  
 SHEET 2 OF 11

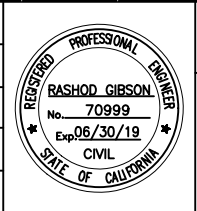
Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By: S. PAVULURI  
 Drawn By: J. HOGE  
 Date:  
 Project No.: 710098.10  
 CAD File: 098-P.dwg  
 Sheet No.

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:21pm



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SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

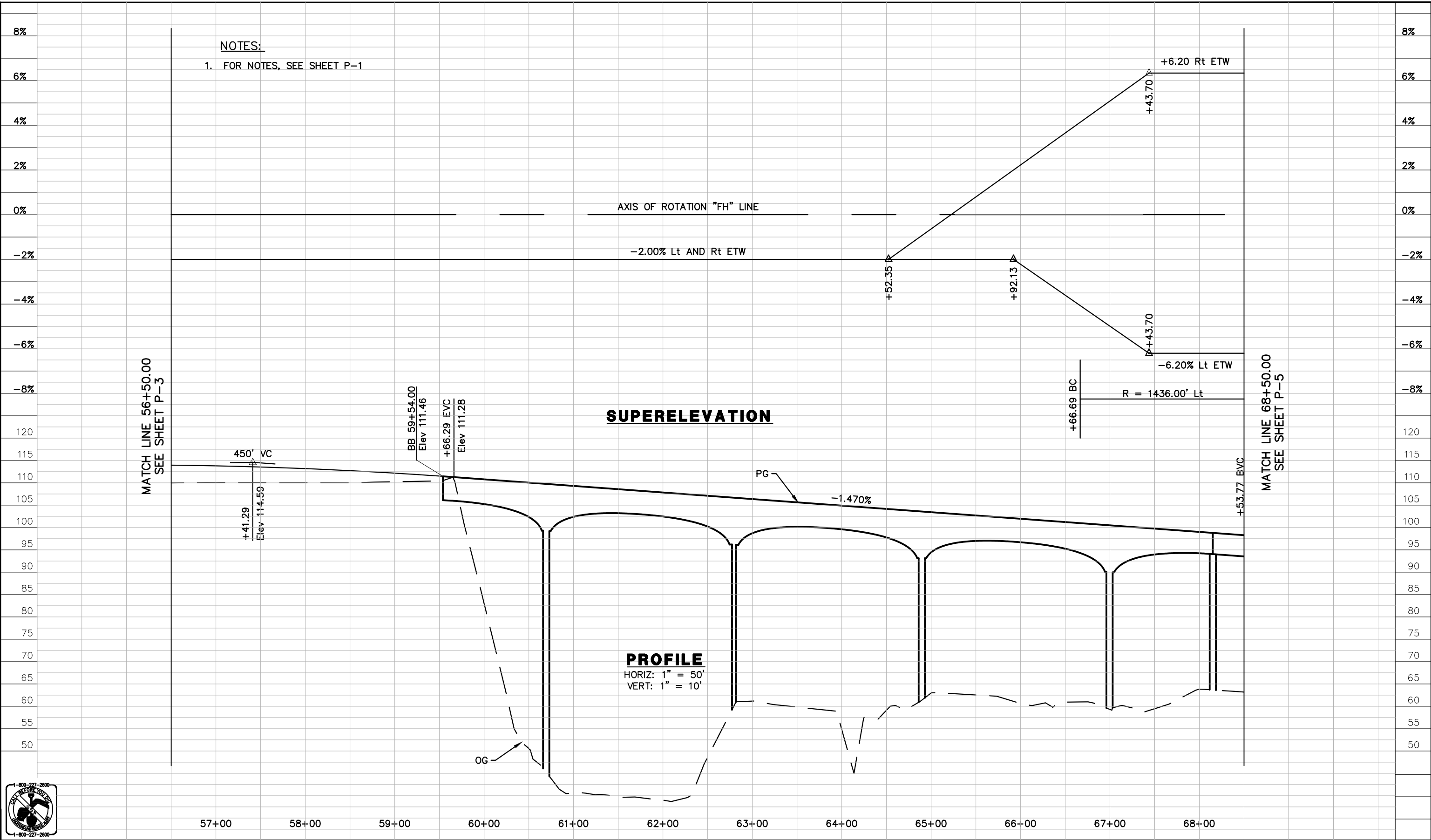
FAITH HOME ROAD/ GARNER ROAD  
PROFILE AND SUPERELEVATION  
SHEET 3 OF 11

Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-P  
Sheet No. P-3



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:21pm



**NOTES:**  
1. FOR NOTES, SEE SHEET P-1

MATCH LINE 56+50.00  
SEE SHEET P-3

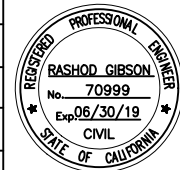
MATCH LINE 68+50.00  
SEE SHEET P-5

**SUPERELEVATION**

**PROFILE**  
HORIZ: 1" = 50'  
VERT: 1" = 10'



No.	Date	Revision	By
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SACRAMENTO CA 95815

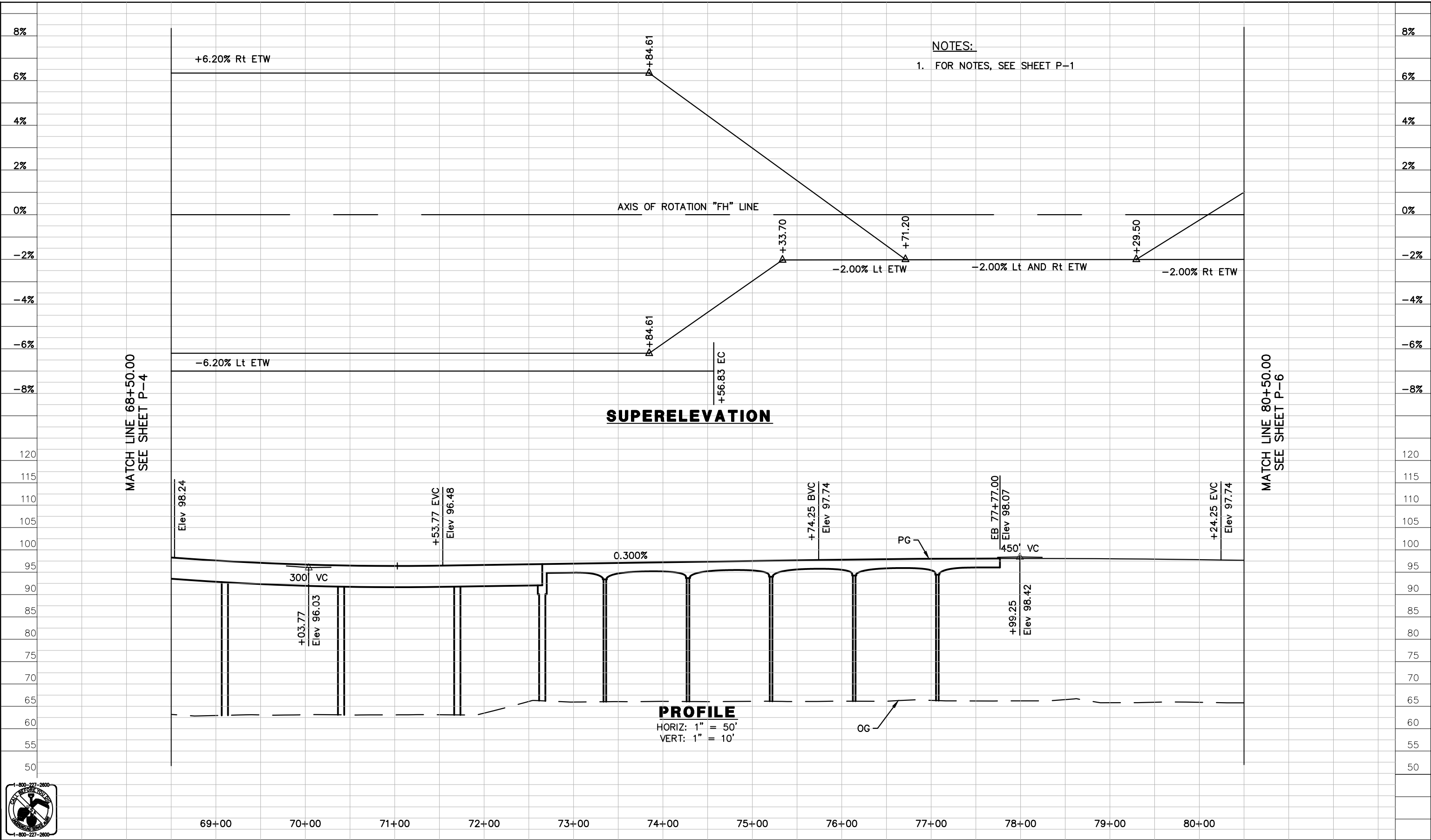
SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

**FAITH HOME ROAD/ GARNER ROAD**  
PROFILE AND SUPERELEVATION  
SHEET 4 OF 11

Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-P.dwg  
Sheet No. **P-4**

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:21pm



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SACRAMENTO CA 95815

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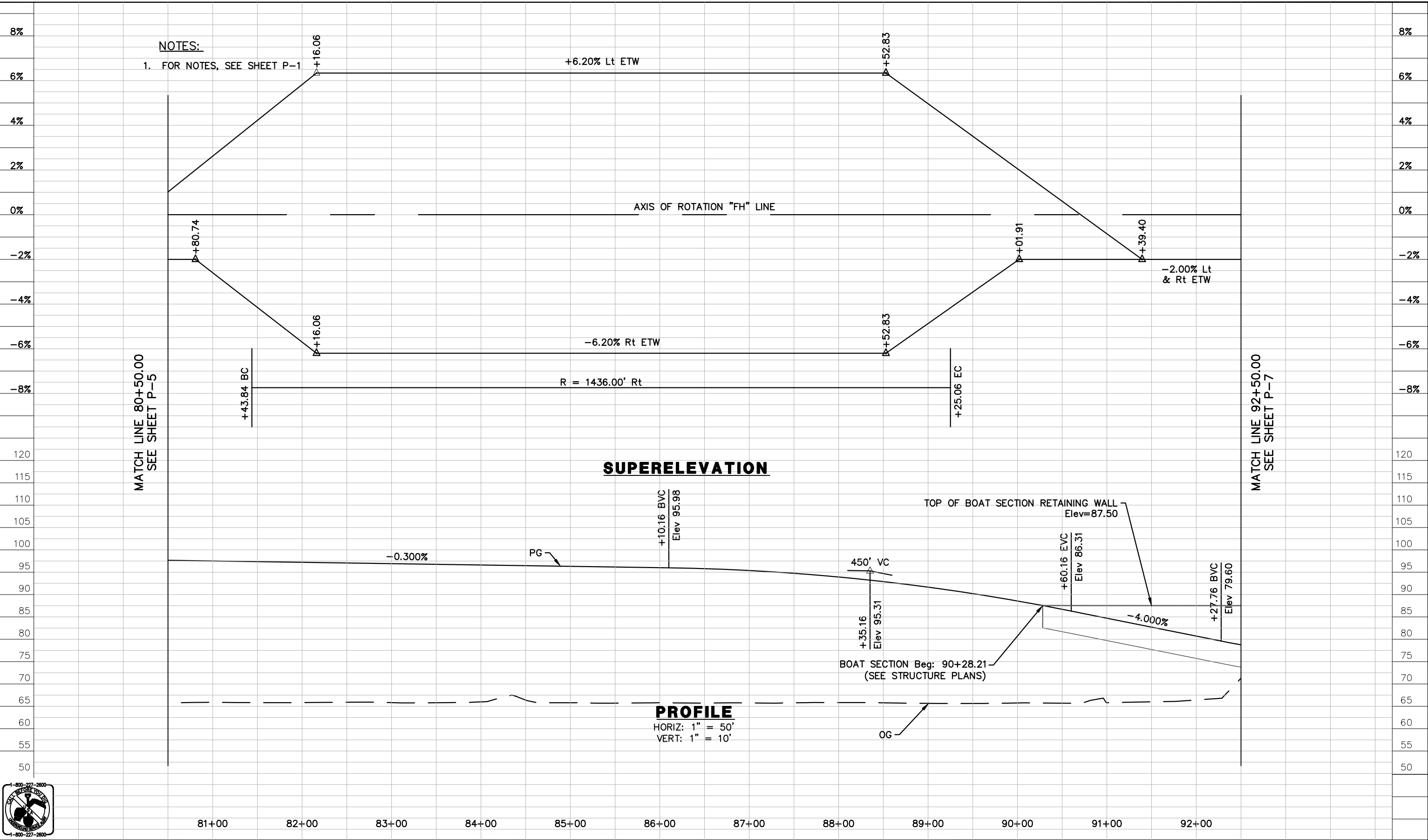
FAITH HOME ROAD/ GARNER ROAD  
PROFILE AND SUPERELEVATION  
SHEET 5 OF 11

Approved --- Senior Engineer Date Recommended---Project Manager Date

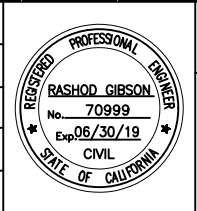
Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-P.dwg
Sheet No.	

P-5

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:21pm



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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

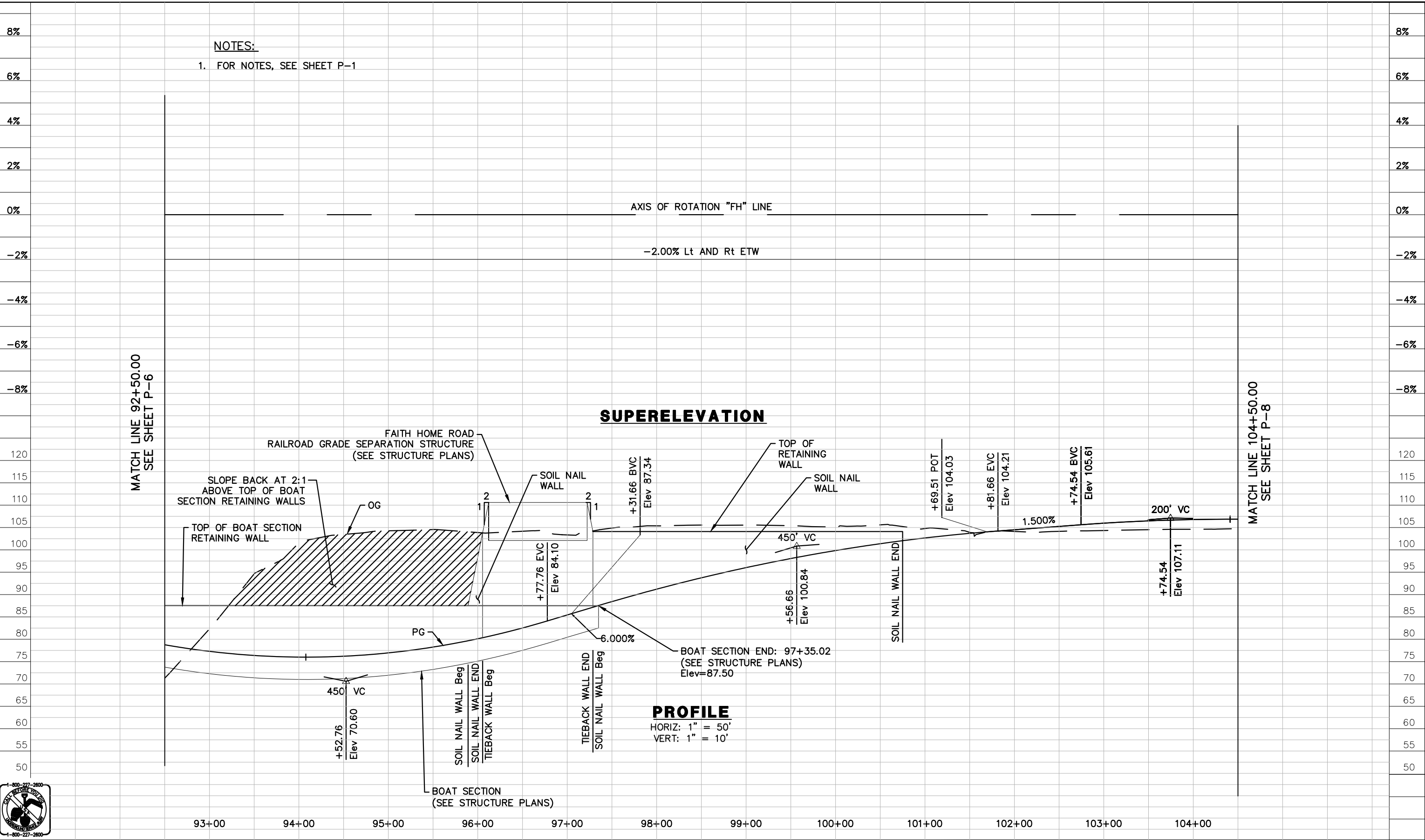
SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
PROFILE AND SUPERELEVATION  
SHEET 6 of 11

Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-P.dwg  
Sheet No. P-6

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:22pm



**NOTES:**  
 1. FOR NOTES, SEE SHEET P-1

**SUPERELEVATION**

**PROFILE**

HORIZ: 1" = 50'  
 VERT: 1" = 10'



No.	Date	Revision	By
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 SACRAMENTO CA 95815

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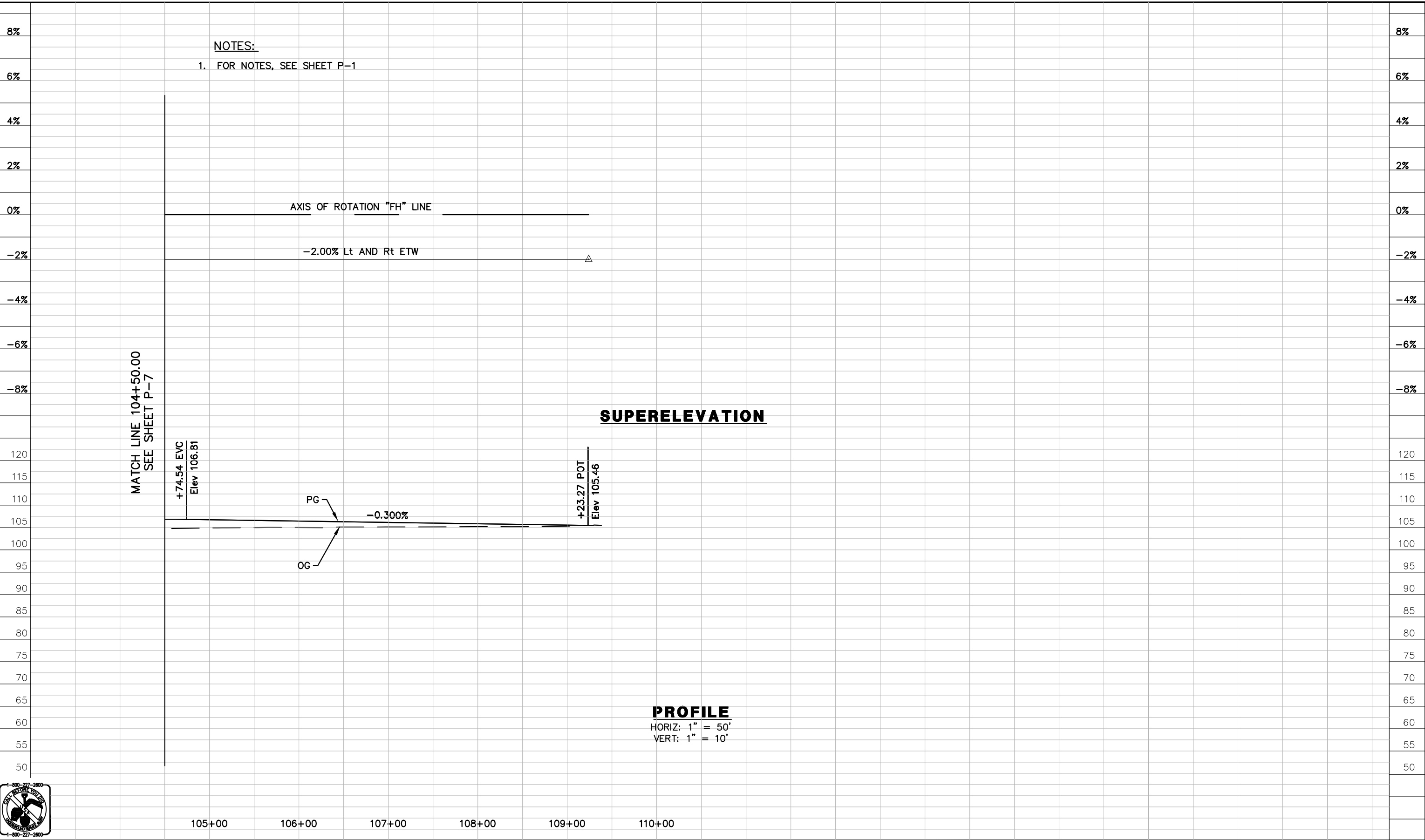
FAITH HOME ROAD/ GARNER ROAD  
 PROFILE AND SUPERELEVATION  
 SHEET 7 OF 11

Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-P.dwg
Sheet No.	

P-7

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:22pm



**NOTES:**  
1. FOR NOTES, SEE SHEET P-1

**SUPERELEVATION**

**PROFILE**

HORIZ: 1" = 50'  
VERT: 1" = 10'



No.	Date	Revision	By
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SACRAMENTO CA 95815

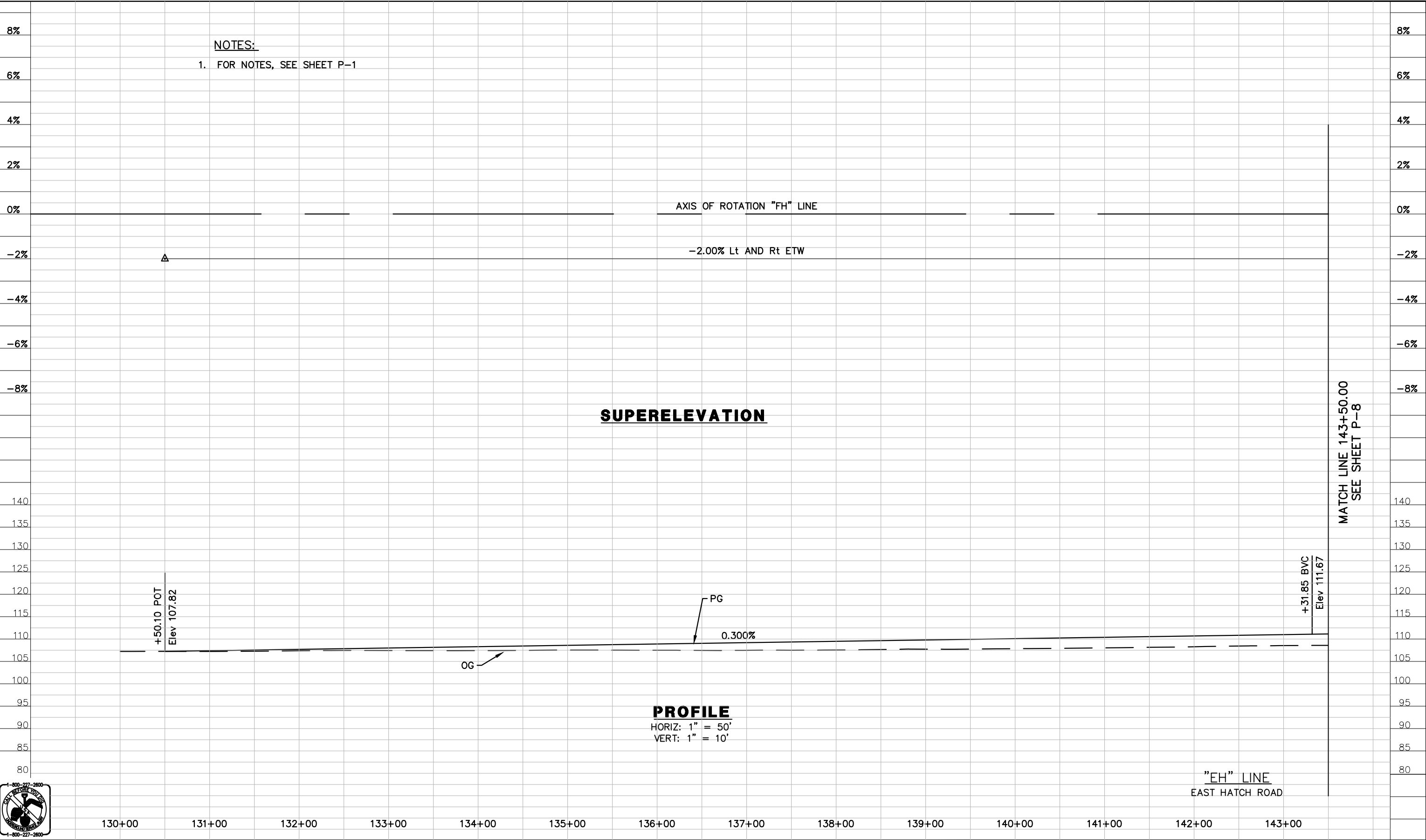
SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
PROFILE AND SUPERELEVATION  
SHEET 8 OF 11

Approved --- Senior Engineer      Date      Recommended---Project Manager      Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-P.dwg
Sheet No.	<b>P-8</b>

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:22pm



**NOTES:**  
1. FOR NOTES, SEE SHEET P-1

MATCH LINE 143+50.00  
SEE SHEET P-8



130+00    131+00    132+00    133+00    134+00    135+00    136+00    137+00    138+00    139+00    140+00    141+00    142+00    143+00

**PROFILE**  
HORIZ: 1" = 50'  
VERT: 1" = 10'



No.	Date	Revision	By
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SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

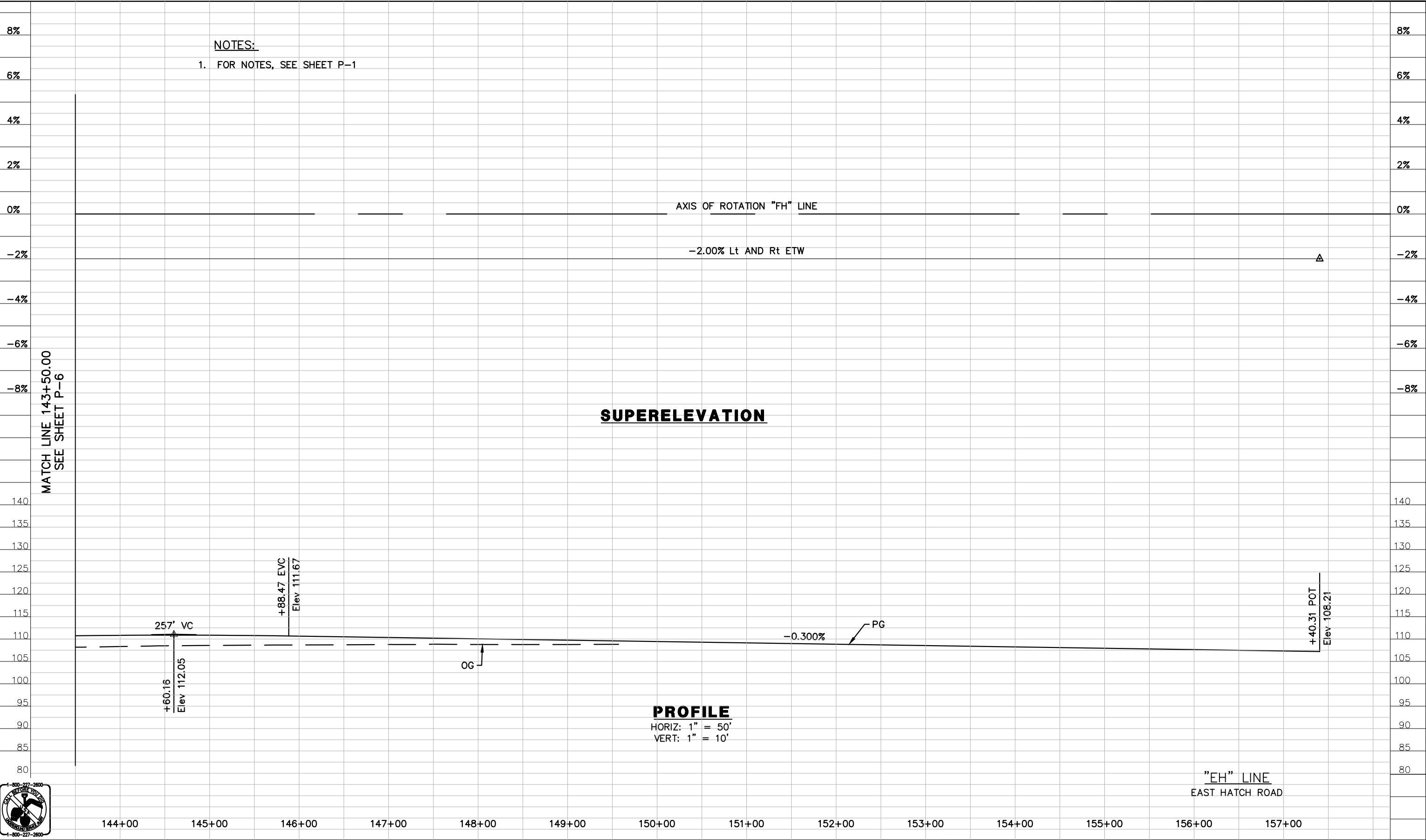
FAITH HOME ROAD/ GARNER ROAD  
PROFILE AND SUPERELEVATION  
SHEET 9 OF 11

Approved --- Senior Engineer    Date    Recommended---Project Manager    Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-P.dwg
Sheet No.	P-9



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:22pm



**NOTES:**  
1. FOR NOTES, SEE SHEET P-1

MATCH LINE 143+50.00  
SEE SHEET P-6

**SUPERELEVATION**

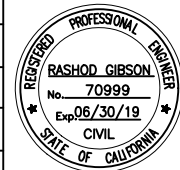
**PROFILE**

HORIZ: 1" = 50'  
VERT: 1" = 10'

"EH" LINE  
EAST HATCH ROAD



No.	Date	Revision	By
△			
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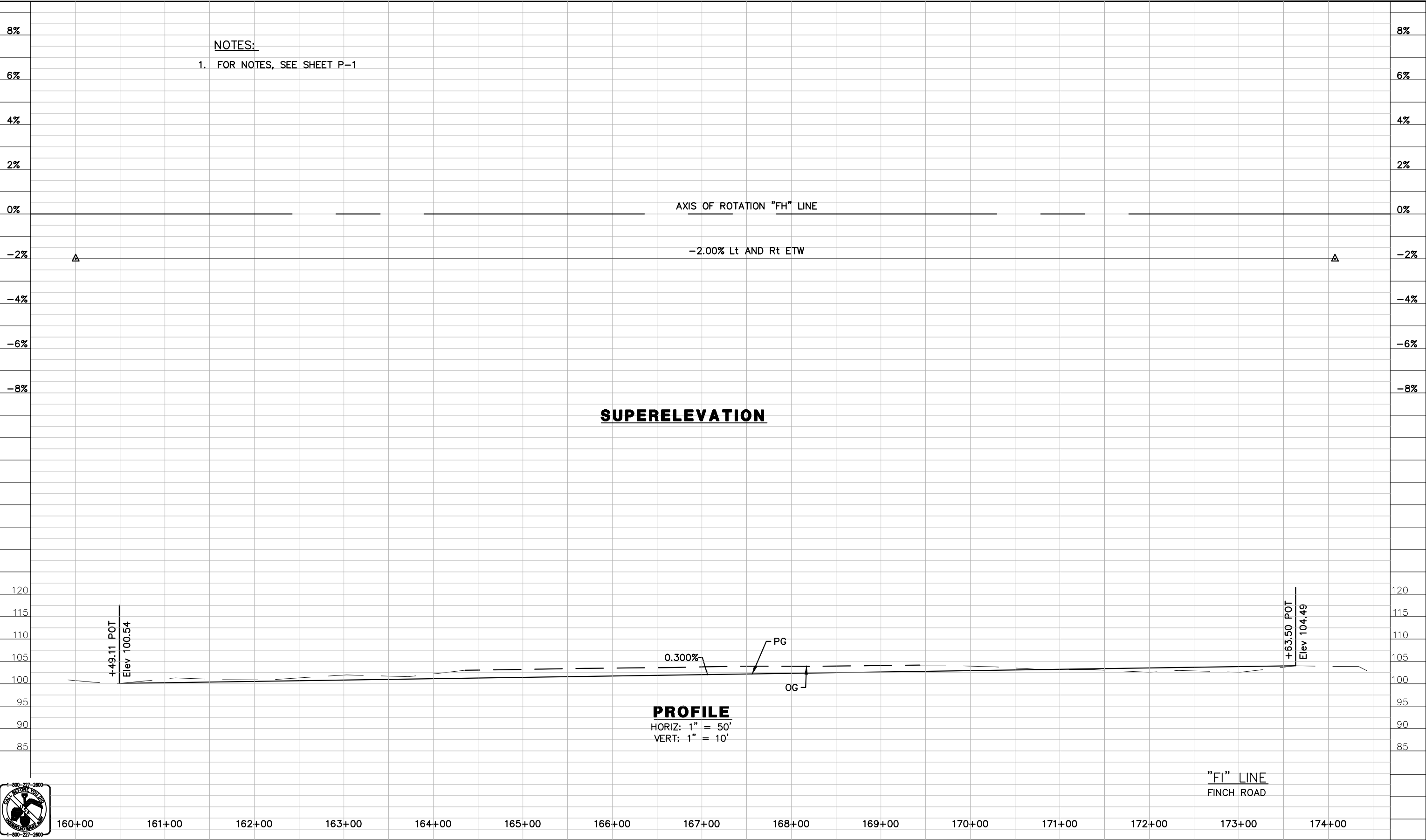
T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

FAITH HOME ROAD/ GARNER ROAD  
PROFILE AND SUPERELEVATION  
SHEET 10 OF 11

Approved --- Senior Engineer      Date      Recommended---Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-P.dwg  
Sheet No. **P-10**

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\04-098-P.dwg Jun 05, 2019, 4:22pm



**NOTES:**  
1. FOR NOTES, SEE SHEET P-1

**SUPERELEVATION**

**PROFILE**

HORIZ: 1" = 50'  
VERT: 1" = 10'



160+00    161+00    162+00    163+00    164+00    165+00    166+00    167+00    168+00    169+00    170+00    171+00    172+00    173+00    174+00

"F1" LINE  
FINCH ROAD

No.	Date	Revision	By
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△			
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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
PROFILE AND SUPERELEVATION  
SHEET 11 OF 11

Approved --- Senior Engineer    Date    Recommended---Project Manager    Date

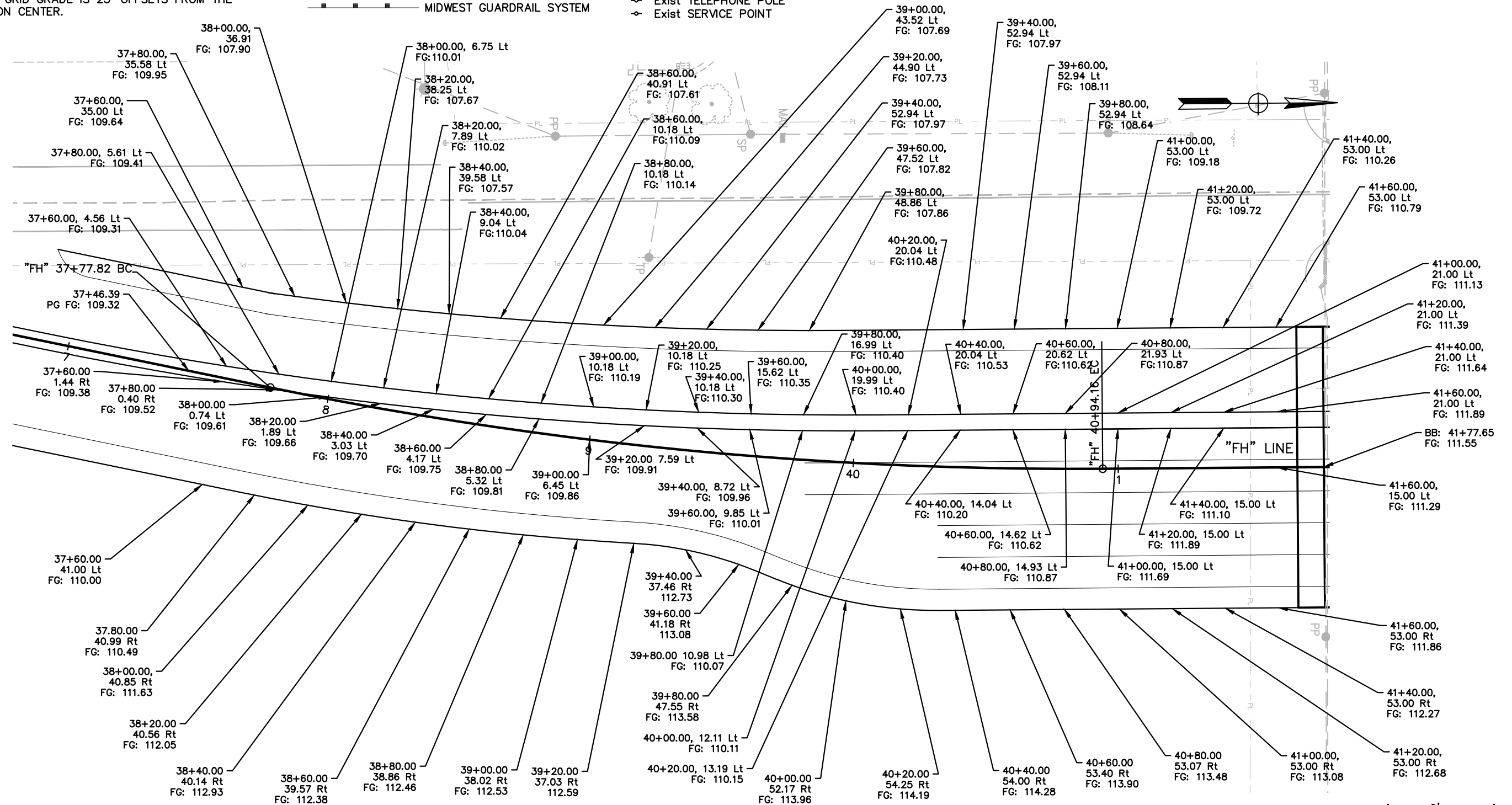
Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-P.dwg  
Sheet No. **P-11**

**NOTES:**

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN.
2. ALL STATIONING IS ALONG THE "FH" LINE UNLESS OTHERWISE SPECIFIED.
3. INTERSECTION GRID GRADE IS 25' OFFSETS FROM THE ALIGNMENTS ON CENTER.

**LEGEND**

- HINGE
- f- FILL
- c- CUT
- R/W- RIGHT OF WAY
- PL- PROPERTY LINES
- ▬ MIDWEST GUARDRAIL SYSTEM
- ↑ CALTRANS TYPE I ARROW
- ↖ CALTRANS TYPE IV(L) ARROW
- ↗ CALTRANS TYPE IV(R) ARROW
- ↖ CALTRANS TYPE VI ARROW
- ↗ CALTRANS TYPE VII(R) ARROW
- ⊙ Exist POWER POLE
- ⊙ Exist TELEPHONE POLE
- ⊙ Exist SERVICE POINT

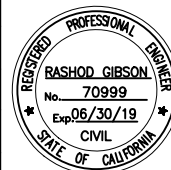


**MEDIAN TRANSITION DETAIL**

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\05-098-C.dwg Jun 05, 2019, 4:22pm



No.	Date	Revision	By
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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

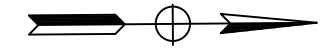
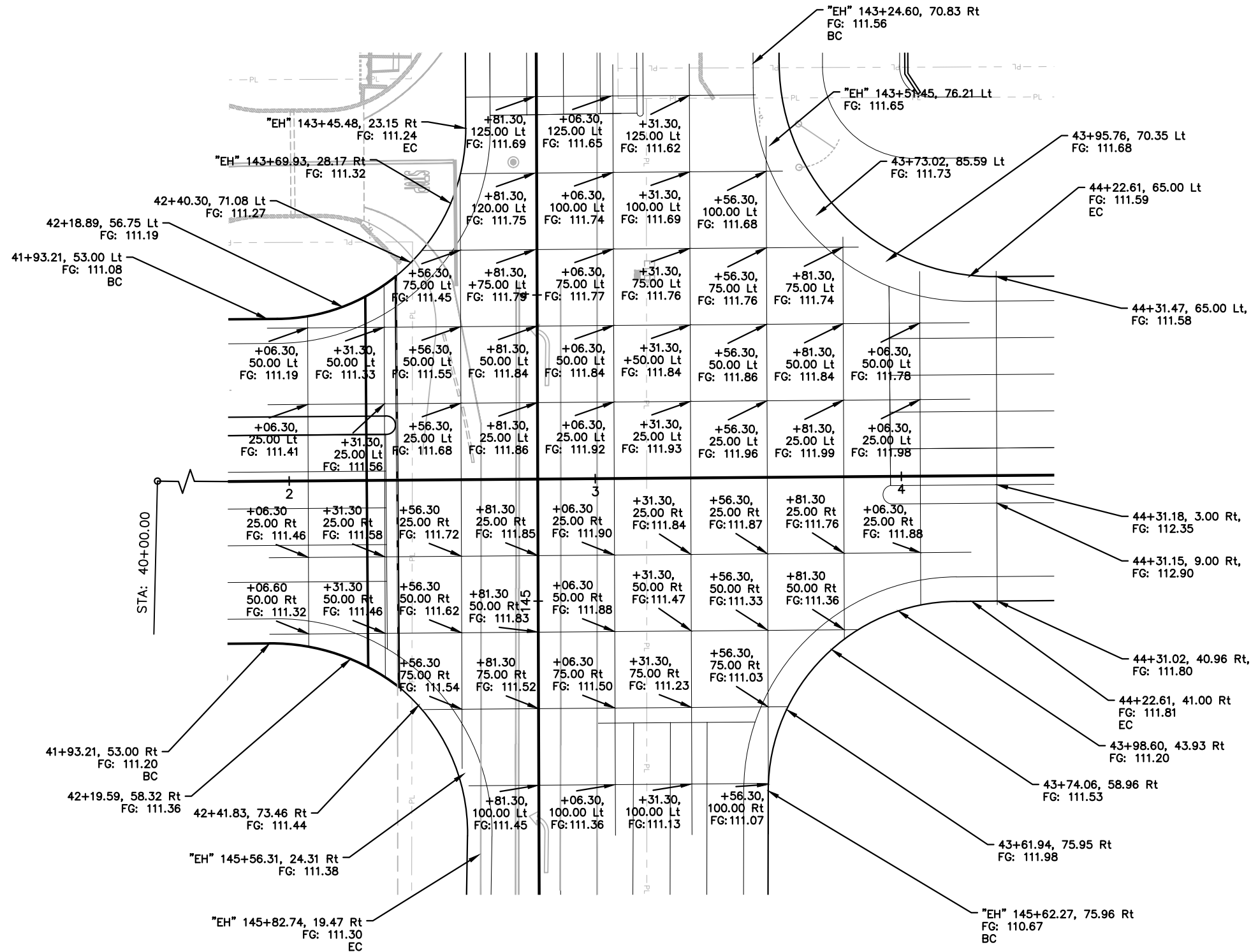
**FAITH HOME ROAD/ GARNER ROAD  
CONSTRUCTION DETAIL  
SHEET 1 OF 7**

Approved --- Senior Engineer Date Recommended --- Project Manager Date

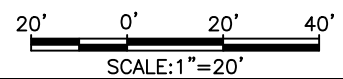
Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-C
Sheet No.	

**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET C-1.



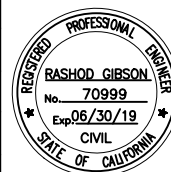
**FAITH HOME/HATCH GRID GRADE**



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\05-098-C.dwg Jun 05, 2019, 4:22pm



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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

**FAITH HOME ROAD/ GARNER ROAD  
CONSTRUCTION DETAIL  
SHEET 2 OF 7**

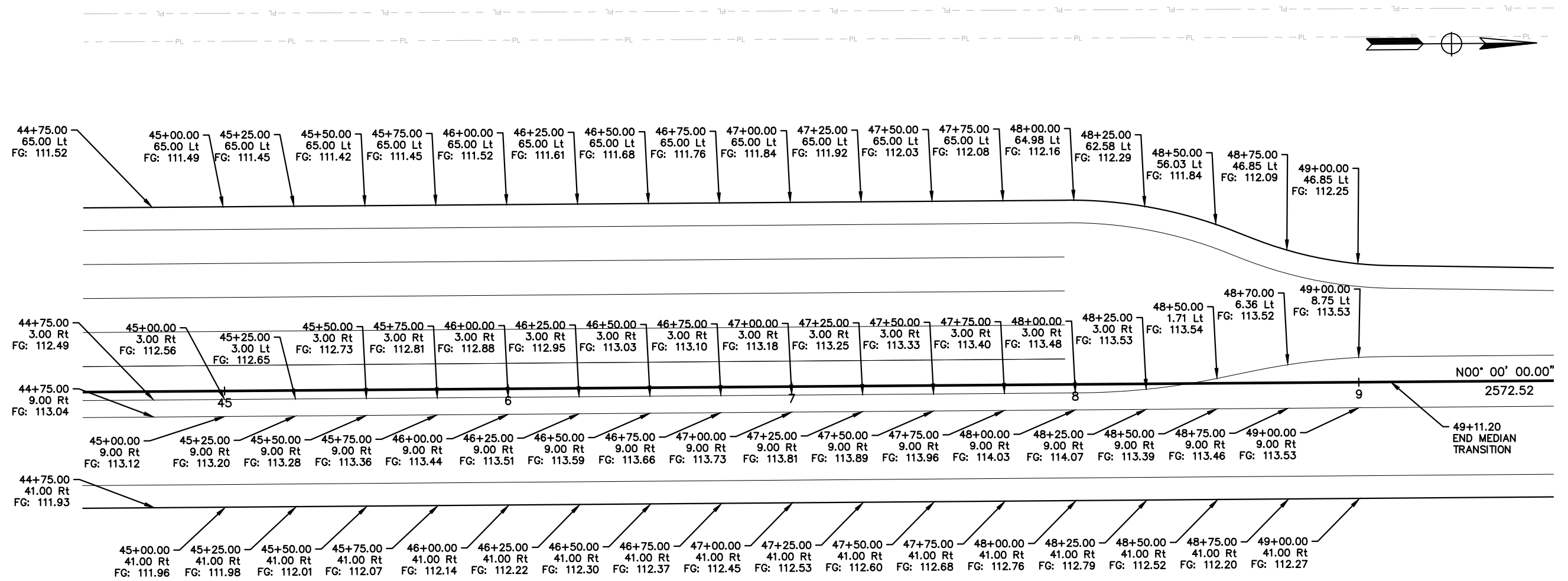
Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-C  
Sheet No.

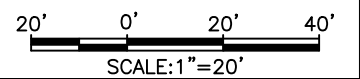
**C-2**

**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET C-1.



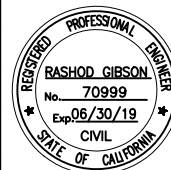
**MEDIAN TRANSITION DETAIL**



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\05-098-C.dwg Jun 05, 2019, 4:22pm



No.	Date	Revision	By
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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
CONSTRUCTION DETAIL  
SHEET 3 OF 7

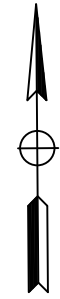
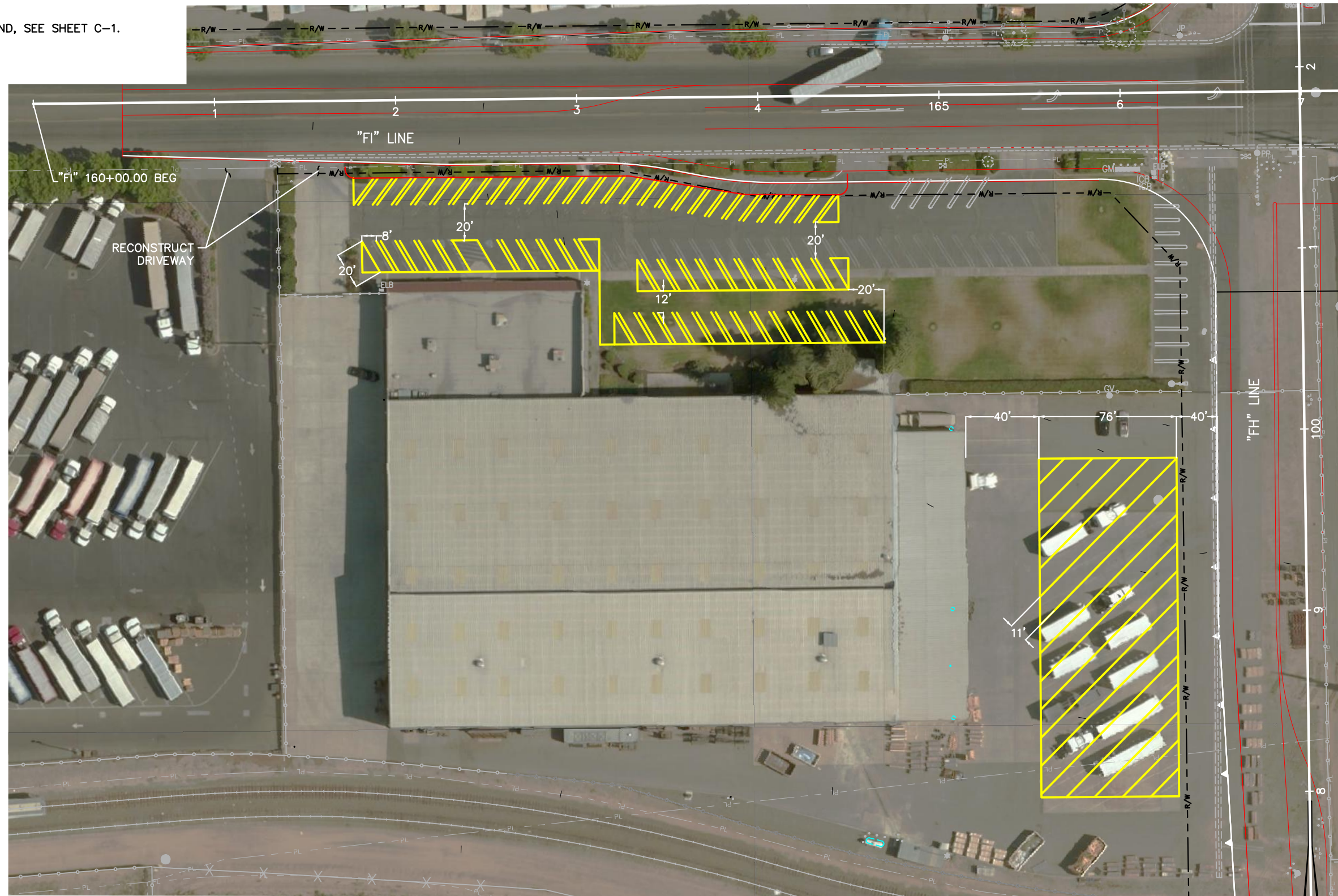
Approved --- Senior Engineer \_\_\_\_\_ Date \_\_\_\_\_ Recommended --- Project Manager \_\_\_\_\_ Date \_\_\_\_\_

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date: \_\_\_\_\_  
Project No.: 710098.10  
CAD File: 098-C  
Sheet No. **C-3**

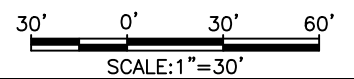


**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET C-1.



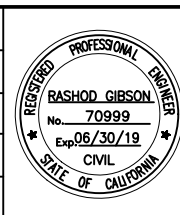
**DON'S MOBILE GLASS  
SITE PLAN**



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\05a-C-4.dwg Jun 05, 2019, 4:23pm



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SUBMITTED _____	APPROVED _____
T.Y. LIN INTERNATIONAL 1601 RESPONSE ROAD, SUITE 260 SACRAMENTO CA 95815	

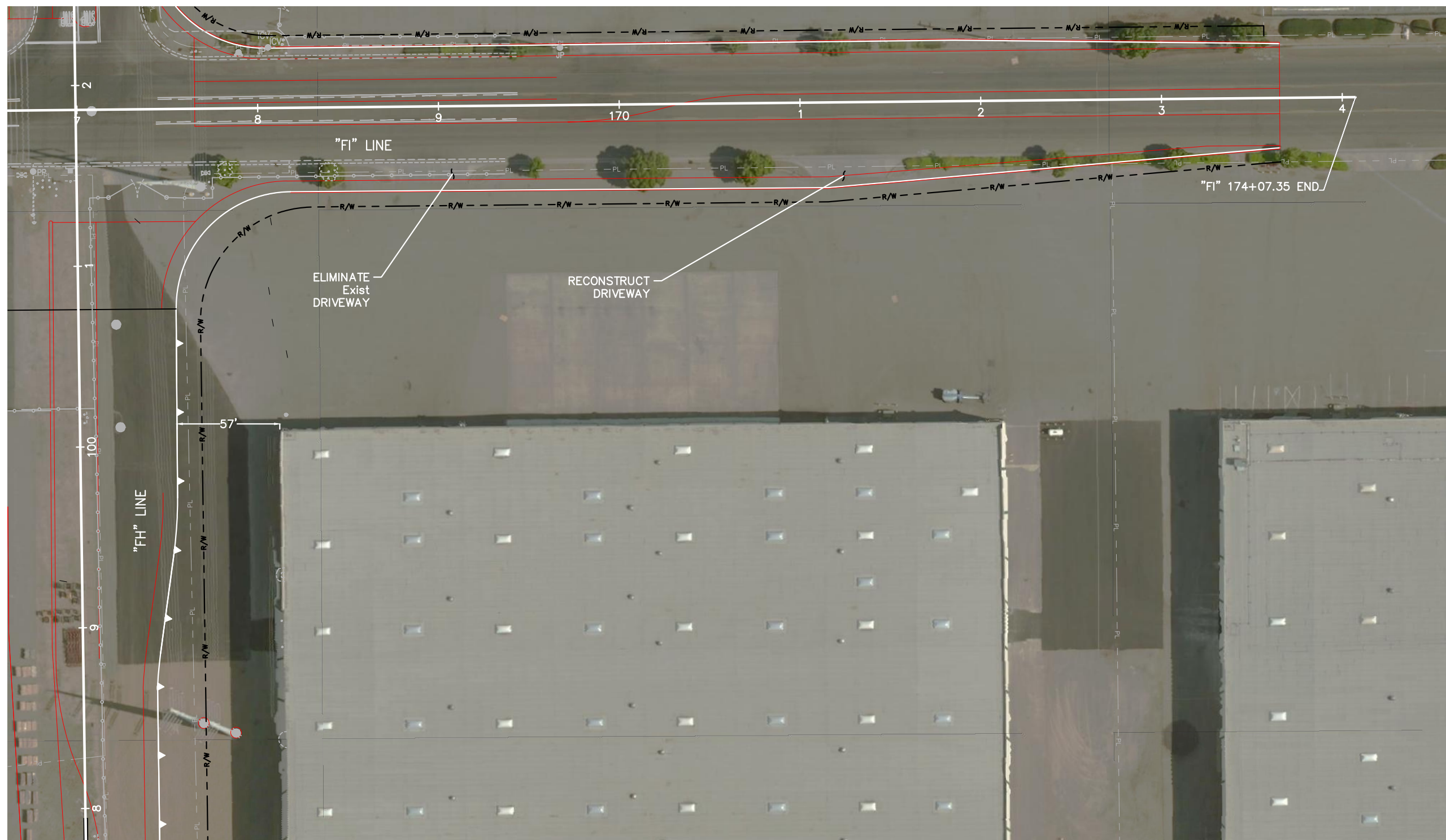
FAITH HOME ROAD/ GARNER ROAD CONSTRUCTION DETAIL SHEET 4 OF 7			
Approved --- Senior Engineer	Date	Recommended --- Project Manager	Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-C
Sheet No.	<b>C-4</b>



**NOTES:**

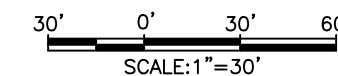
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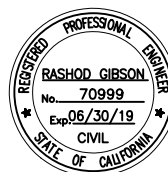
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**DEL MONTE  
SITE PLAN**



No.	Date	Revision	By
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T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
CONSTRUCTION DETAIL  
SHEET 5 OF 7

Approved --- Senior Engineer      Date      Recommended---Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-C  
Sheet No.

**C-5**



**NOTES:**

- FOR NOTES AND LEGEND, SEE SHEET C-1.



**SIERRA PACIFIC DISTRIBUTION  
SITE PLAN**

30' 0' 30' 60'  
SCALE: 1"=30'

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\05a-C-4.dwg Jun 05, 2019, 4:23pm



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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

**FAITH HOME ROAD/ GARNER ROAD  
CONSTRUCTION DETAIL  
SHEET 6 OF 7**

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

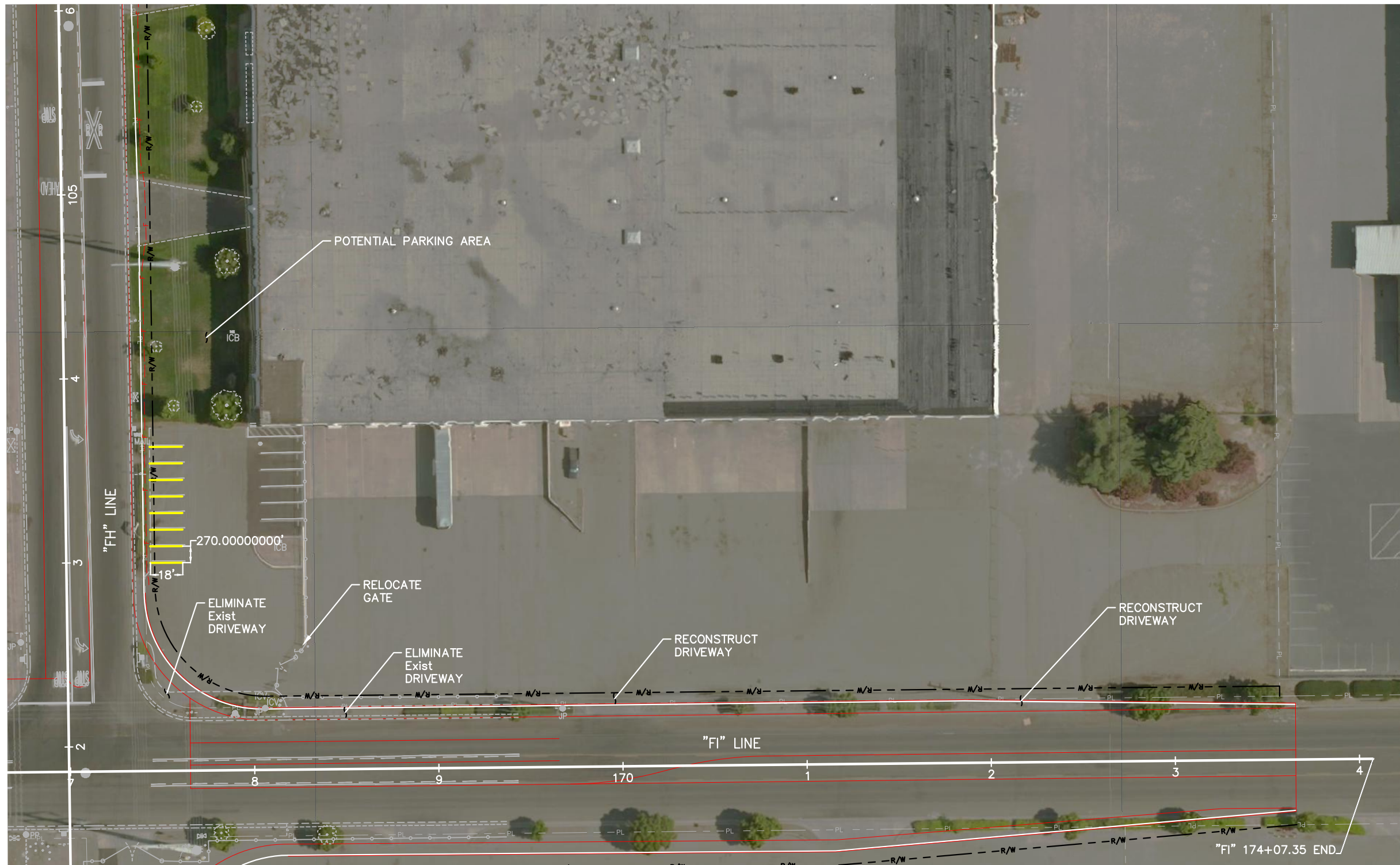
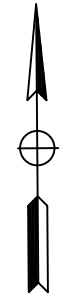
Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-C
Sheet No.	

**C-6**



**NOTES:**

- FOR NOTES AND LEGEND, SEE SHEET C-1.



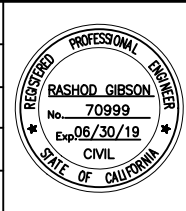
**CALIFORNIA FREIGHT  
SITE PLAN**

30' 0' 30' 60'  
SCALE: 1"=30'

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\05a-C-4.dwg Jun 05, 2019, 4:23pm



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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

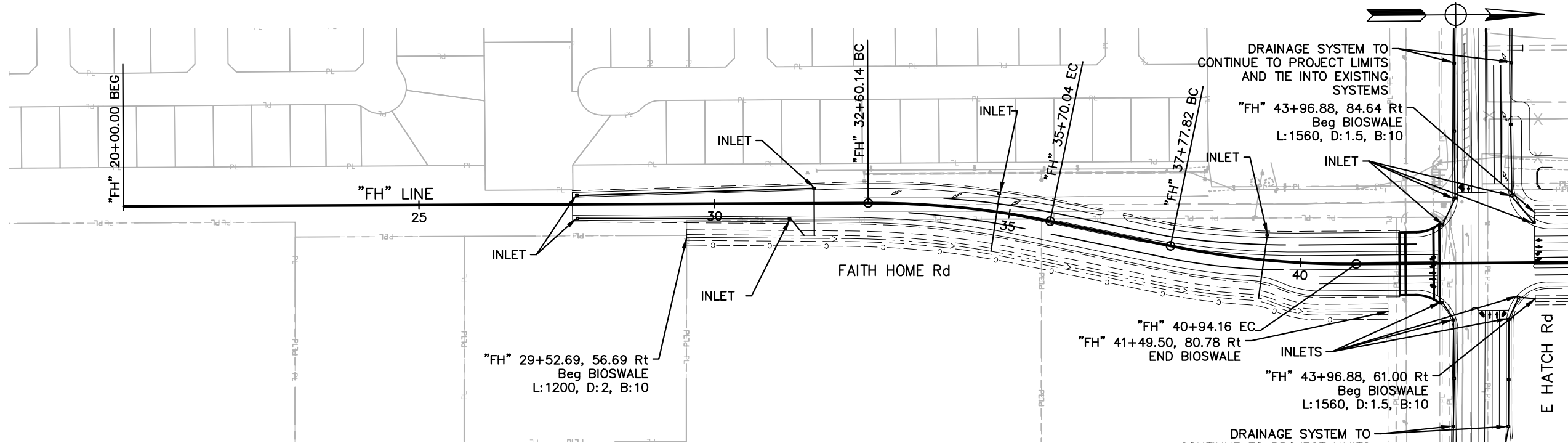
SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
CONSTRUCTION DETAIL  
SHEET 7 OF 7

Approved --- Senior Engineer      Date      Recommended---Project Manager      Date

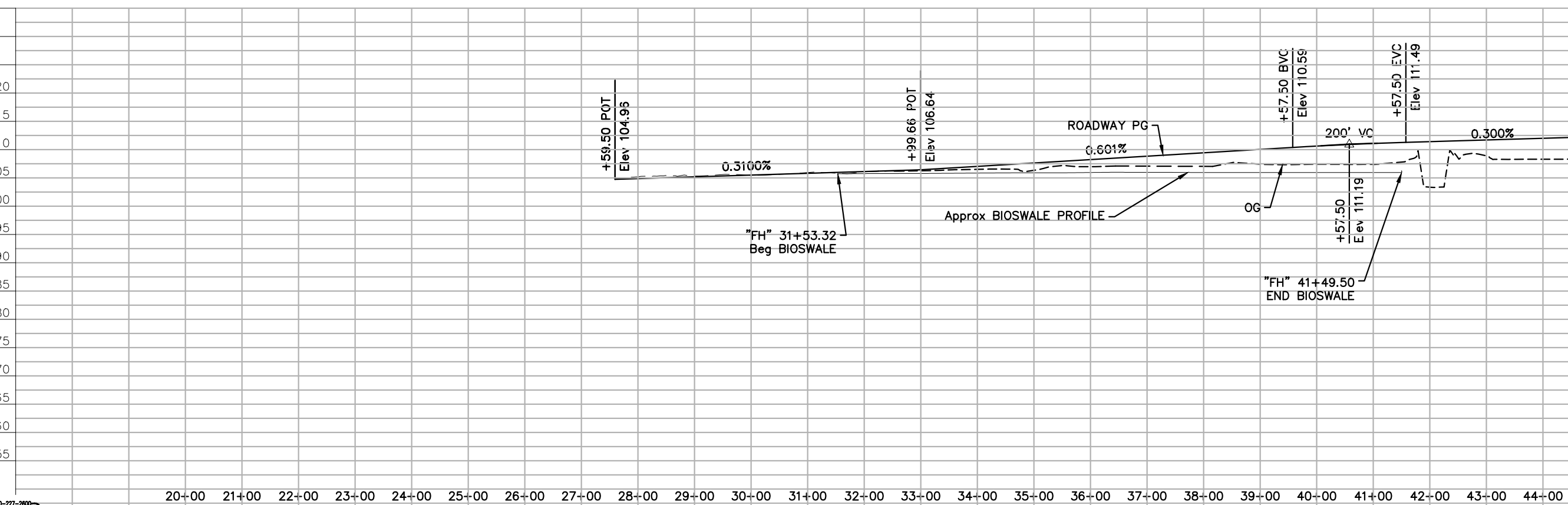
Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-C  
Sheet No.  
**C-7**

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\06-098-D.dwg Jun 05, 2019, 4:23pm



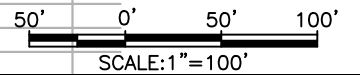
**PLAN**

SEE SHEET D-2



**PROFILE**

SCALE: 1"=200' HORIZONTAL  
1"=20' VERTICAL



SEE SHEET D-2



No.	Date	Revision	By
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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

**FAITH HOME ROAD/ GARNER ROAD  
DRAINAGE PLAN AND PROFILE  
SHEET 1 OF 4**

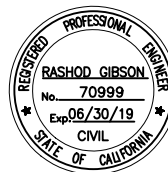
Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-D
Sheet No.	<b>D-1</b>

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\06-098-D.dwg Jun 05, 2019, 4:23pm



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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

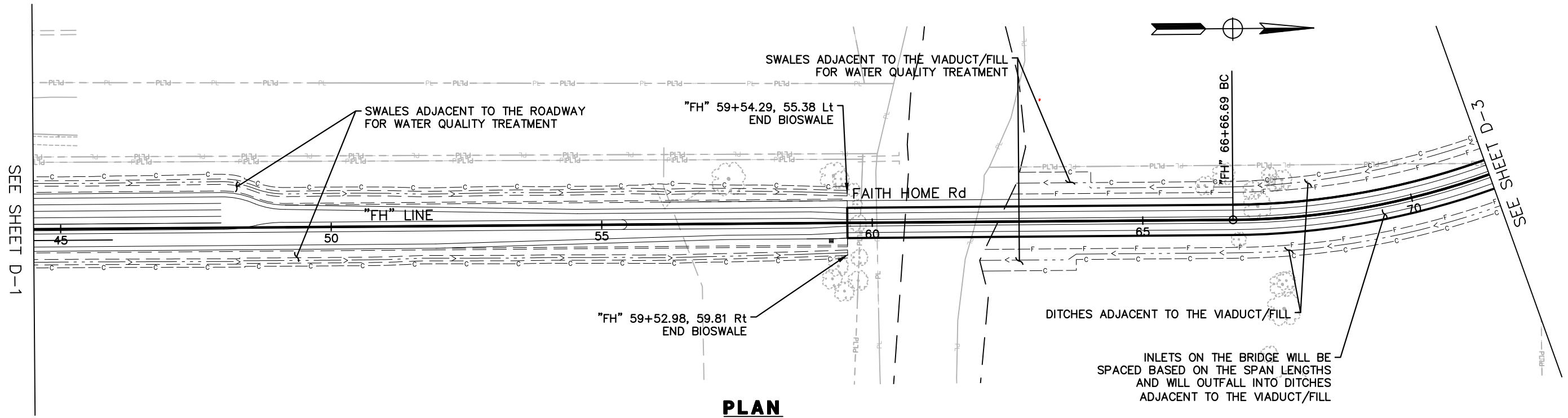
APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
DRAINAGE PLAN AND PROFILE  
SHEET 2 OF 4

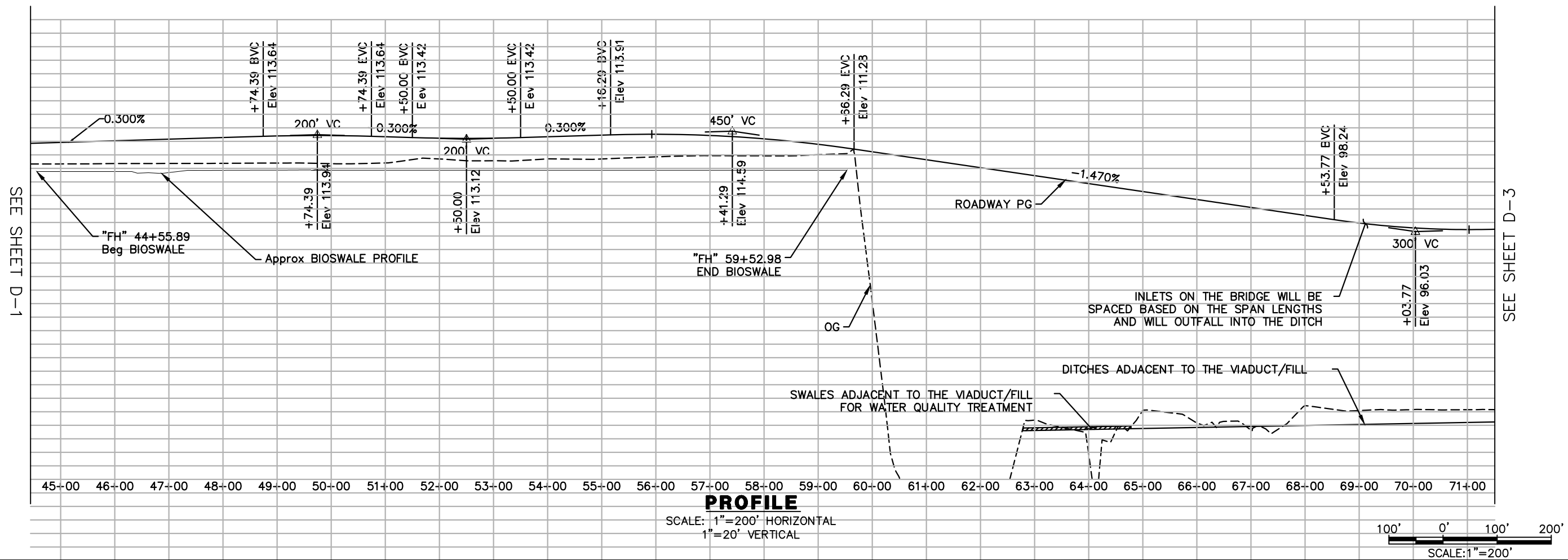
Approved --- Senior Engineer Date Recommended --- Project Manager Date

Designed By: S. PAVULURI  
Drawn By: D. ZURCHER  
Date:  
Project No.: 710098.10  
CAD File: 098-D.dwg  
Sheet No.

D-2



**PLAN**



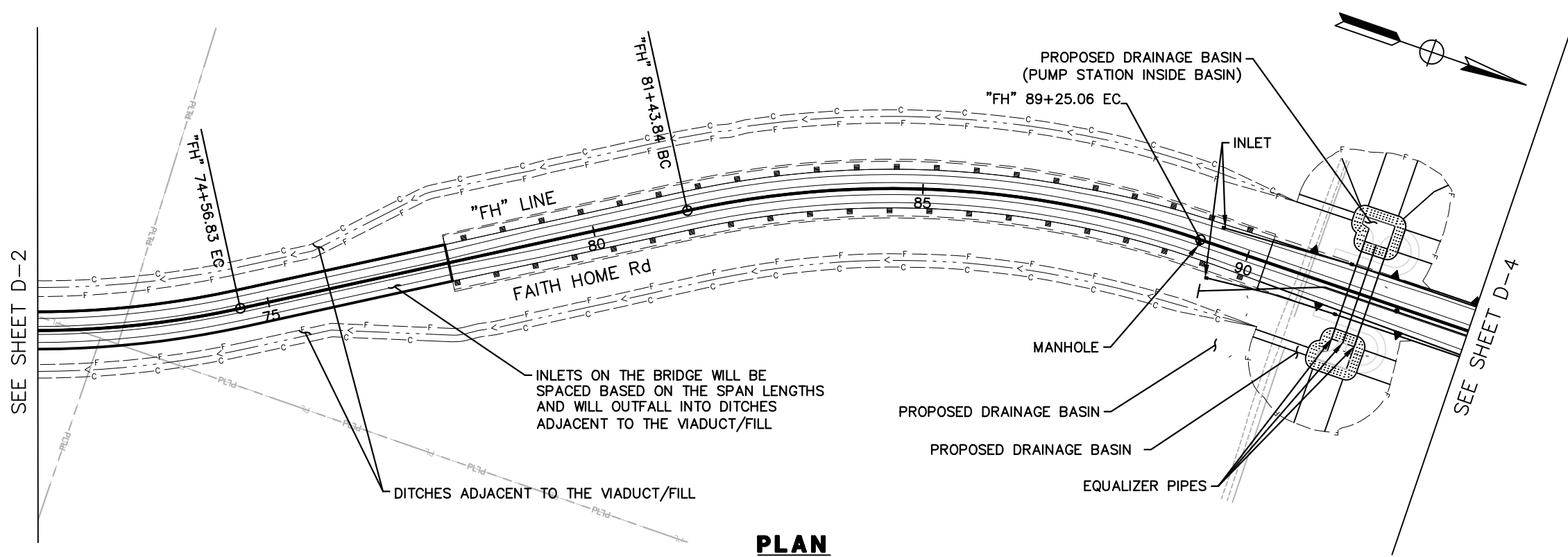
**PROFILE**

SCALE: 1"=200' HORIZONTAL  
1"=20' VERTICAL

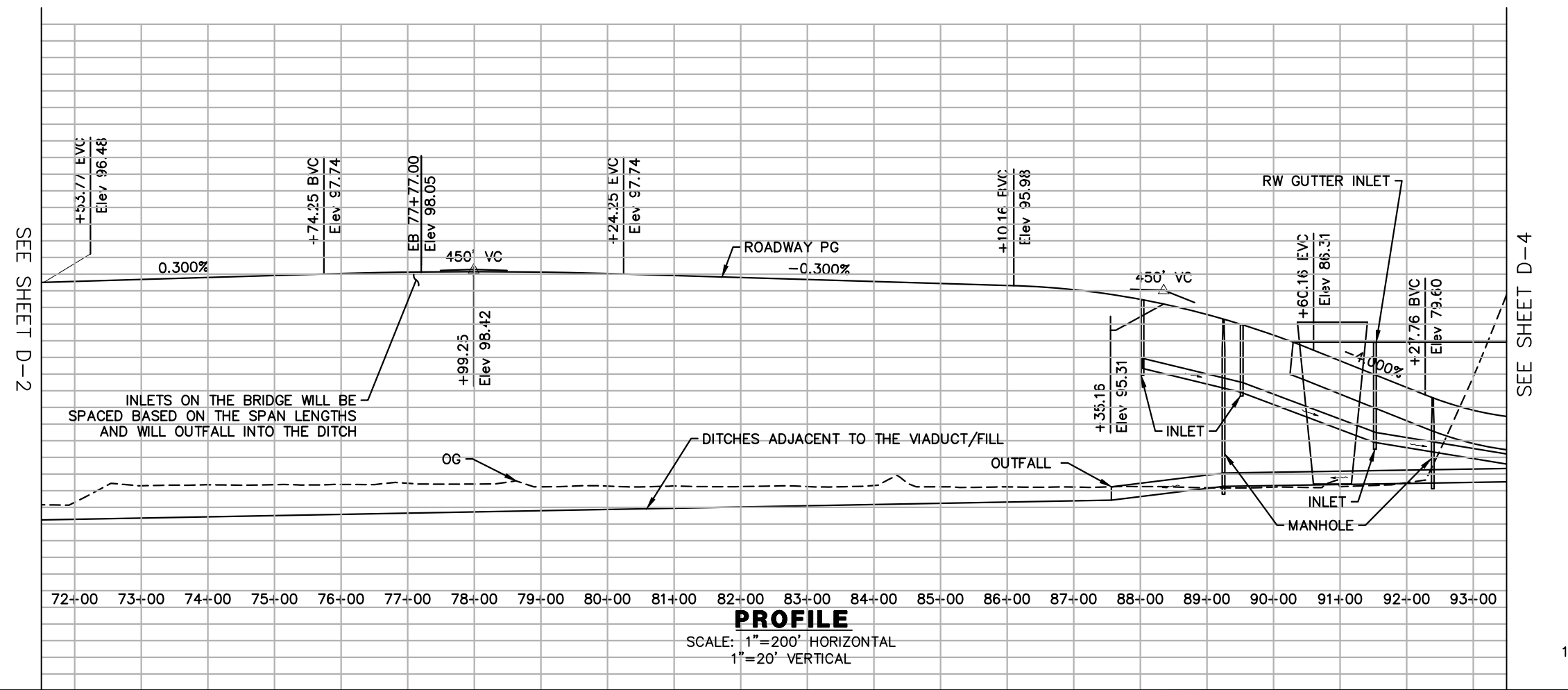
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SCALE: 1"=200'



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\06-098-D.dwg Jun 05, 2019, 4:23pm



**PLAN**



**PROFILE**

SCALE: 1"=200' HORIZONTAL  
1"=20' VERTICAL

100' 0' 100' 200'  
SCALE: 1"=200'



No.	Date	Revision	By
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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
DRAINAGE PLAN AND PROFILE  
SHEET 3 OF 4

Approved --- Senior Engineer Date Recommended --- Project Manager Date

Designed By:	S. PAVULURI
Drawn By:	D. ZURCHER
Date:	
Project No.:	710098.10
CAD File:	098-D.dwg
Sheet No.	

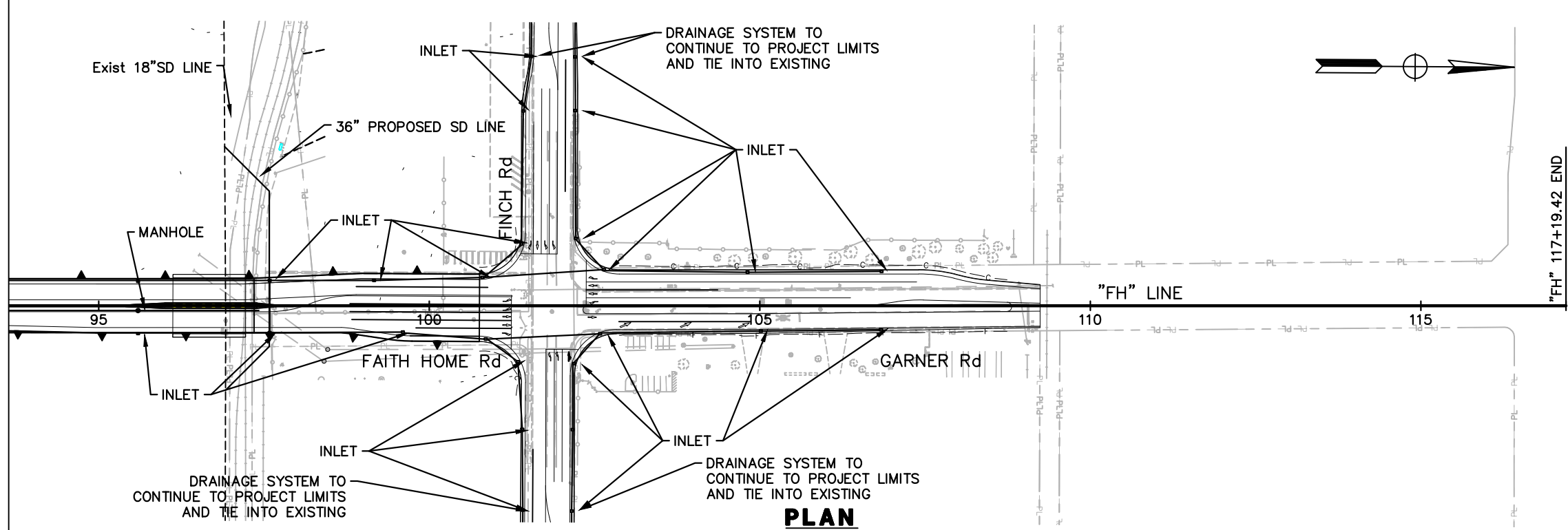
D-3



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\06-098-D.dwg Jun 05, 2019, 4:23pm

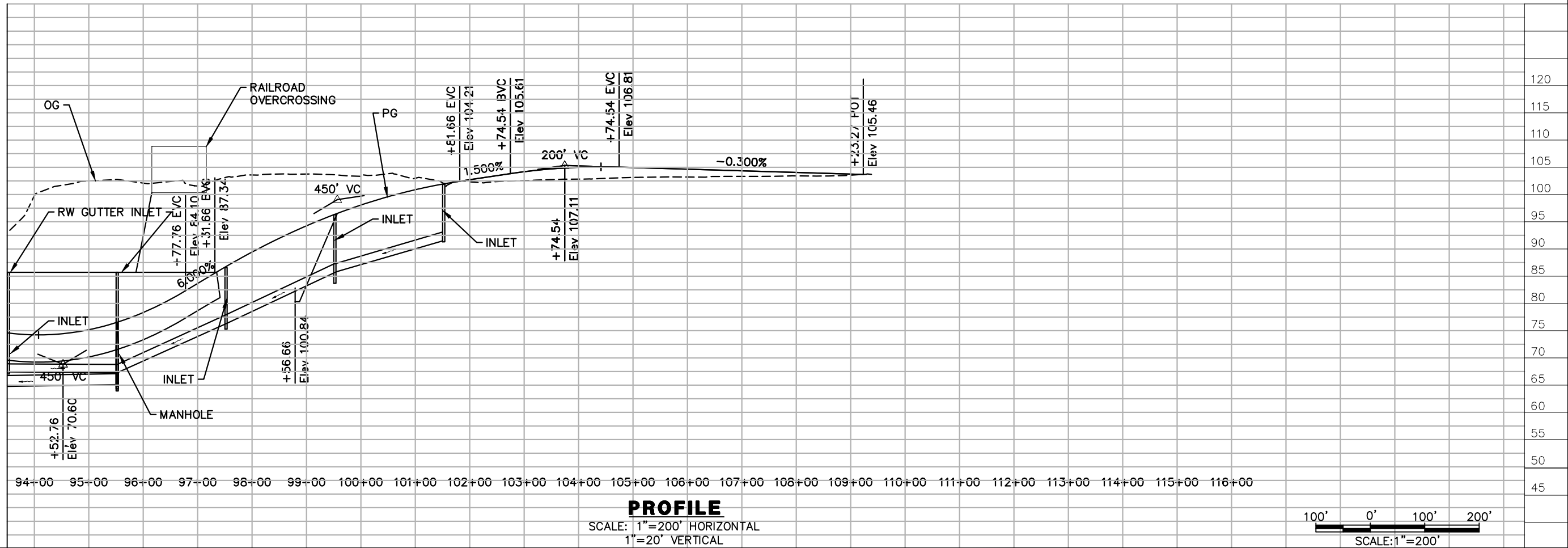


SEE SHEET D-3

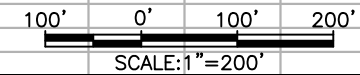


**PLAN**

SEE SHEET D-3



**PROFILE**  
SCALE: 1"=200' HORIZONTAL  
1"=20' VERTICAL



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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

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1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

**FAITH HOME ROAD/ GARNER ROAD  
DRAINAGE PLAN AND PROFILE  
SHEET 4 OF 4**

Approved --- Senior Engineer	Date	Recommended --- Project Manager	Date
------------------------------	------	---------------------------------	------

Designed By: S. PAVULURI  
Drawn By: D. ZURCHER  
Date:  
Project No.: 710098.10  
CAD File: 098-D.dwg  
Sheet No. **D-4**

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\14-098-SC3.dwg Jun 05, 2019, 4:24pm

**NOTES:**

1. FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT STANISLAUS COUNTY.
2. ALL STATIONING IS ALONG THE "FH" LINE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN.
4. PLACEMENT OF SIGNS IS APPROXIMATE, PLACE SIGN PER CALIFORNIA MANUAL OF TRAFFIC CONTROL DEVICES

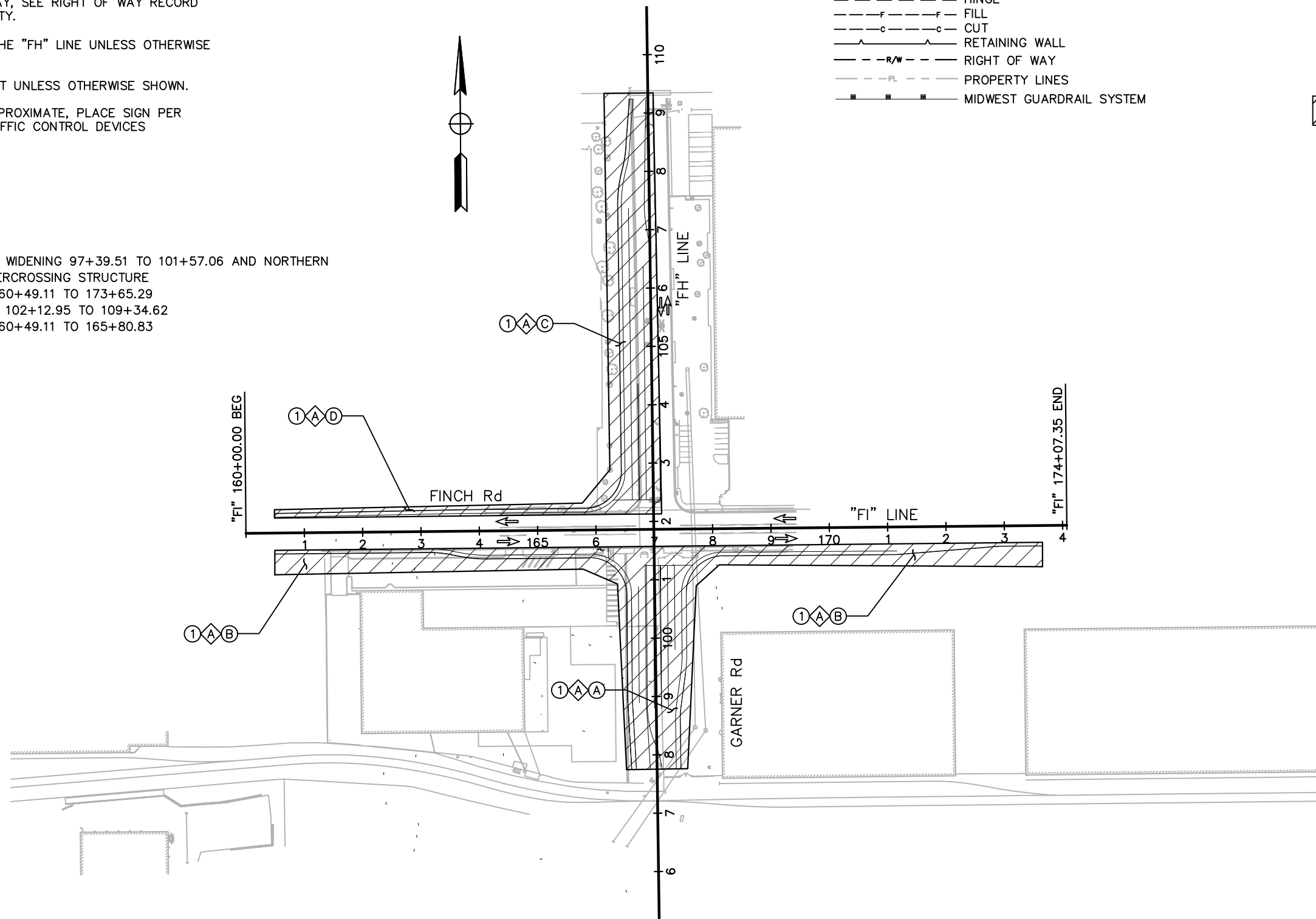
**LEGEND**

- HINGE
- F-F- FILL
- C-C- CUT
- ~ ~ ~ RETAINING WALL
- R/W- RIGHT OF WAY
- PL- PROPERTY LINES
- ■ ■ MIDWEST GUARDRAIL SYSTEM

- ⊕ STAGE OF CONSTRUCTION
- ◇ PHASE OF CONSTRUCTION
- ITEM OF CONSTRUCTION
- ⇐ DIRECTION OF TRAFFIC FLOW
- ▨ CONSTRUCT THIS PHASE

**① STAGE 1 PHASE A**

- A. CONSTRUCT GARNER ROAD WIDENING 97+39.51 TO 101+57.06 AND NORTHERN PORTION OF RAILROAD OVERCROSSING STRUCTURE
- B. CONSTRUCT FINCH ROAD 160+49.11 TO 173+65.29
- C. CONSTRUCT GARNER ROAD 102+12.95 TO 109+34.62
- D. CONSTRUCT FINCH ROAD 160+49.11 TO 165+80.83



THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY

50' 0' 50' 100'  
SCALE: 1"=50'



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SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
STAGE CONSTRUCTION  
SHEET 1 OF 8

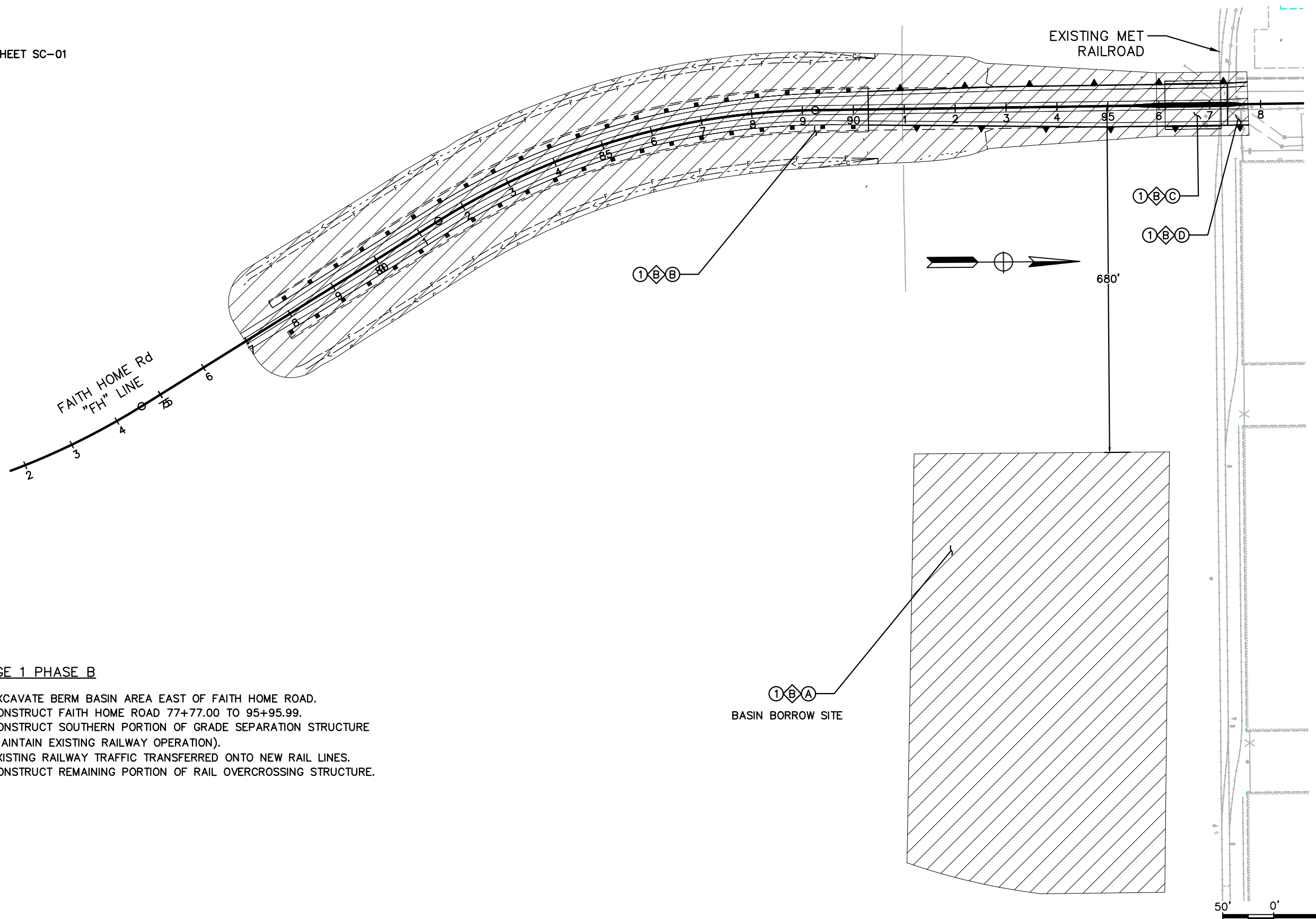
Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-SC3  
Sheet No.

SC-1

**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET SC-01



**① STAGE 1 PHASE B**

- A. EXCAVATE BERM BASIN AREA EAST OF FAITH HOME ROAD.
- B. CONSTRUCT FAITH HOME ROAD 77+77.00 TO 95+95.99.
- C. CONSTRUCT SOUTHERN PORTION OF GRADE SEPARATION STRUCTURE (MAINTAIN EXISTING RAILWAY OPERATION).
- D. EXISTING RAILWAY TRAFFIC TRANSFERRED ONTO NEW RAIL LINES. CONSTRUCT REMAINING PORTION OF RAIL OVERCROSSING STRUCTURE.

① B A  
BASIN BORROW SITE

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY

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T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
STAGE CONSTRUCTION  
SHEET 2 OF 8

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-SC  
Sheet No.

**SC-2**

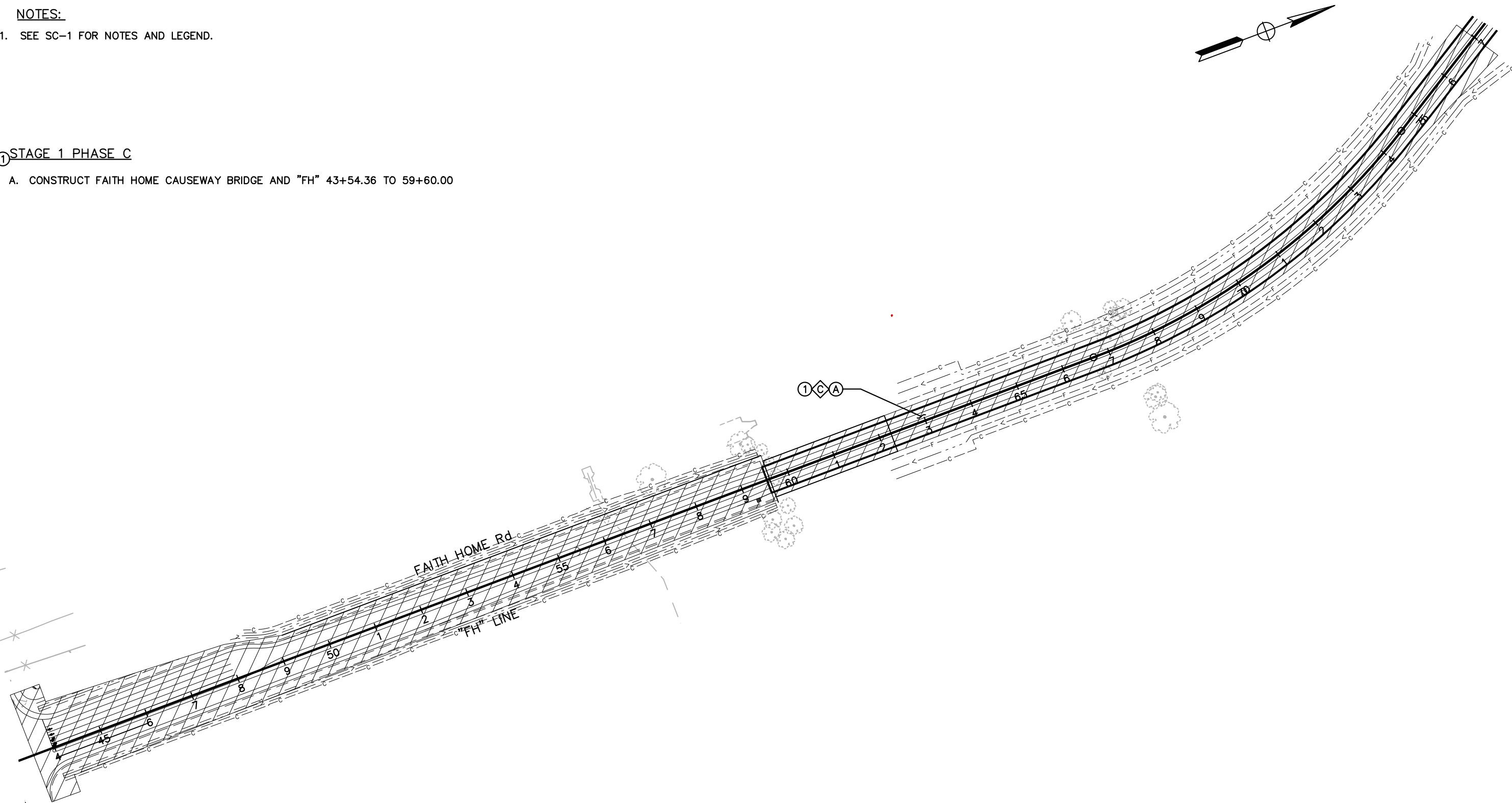
50' 0' 50' 100'  
SCALE: 1"=50'

**NOTES:**

- SEE SC-1 FOR NOTES AND LEGEND.

**① STAGE 1 PHASE C**

- CONSTRUCT FAITH HOME CAUSEWAY BRIDGE AND "FH" 43+54.36 TO 59+60.00



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THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY

50' 0' 50' 100'  
SCALE: 1"=50'



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SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

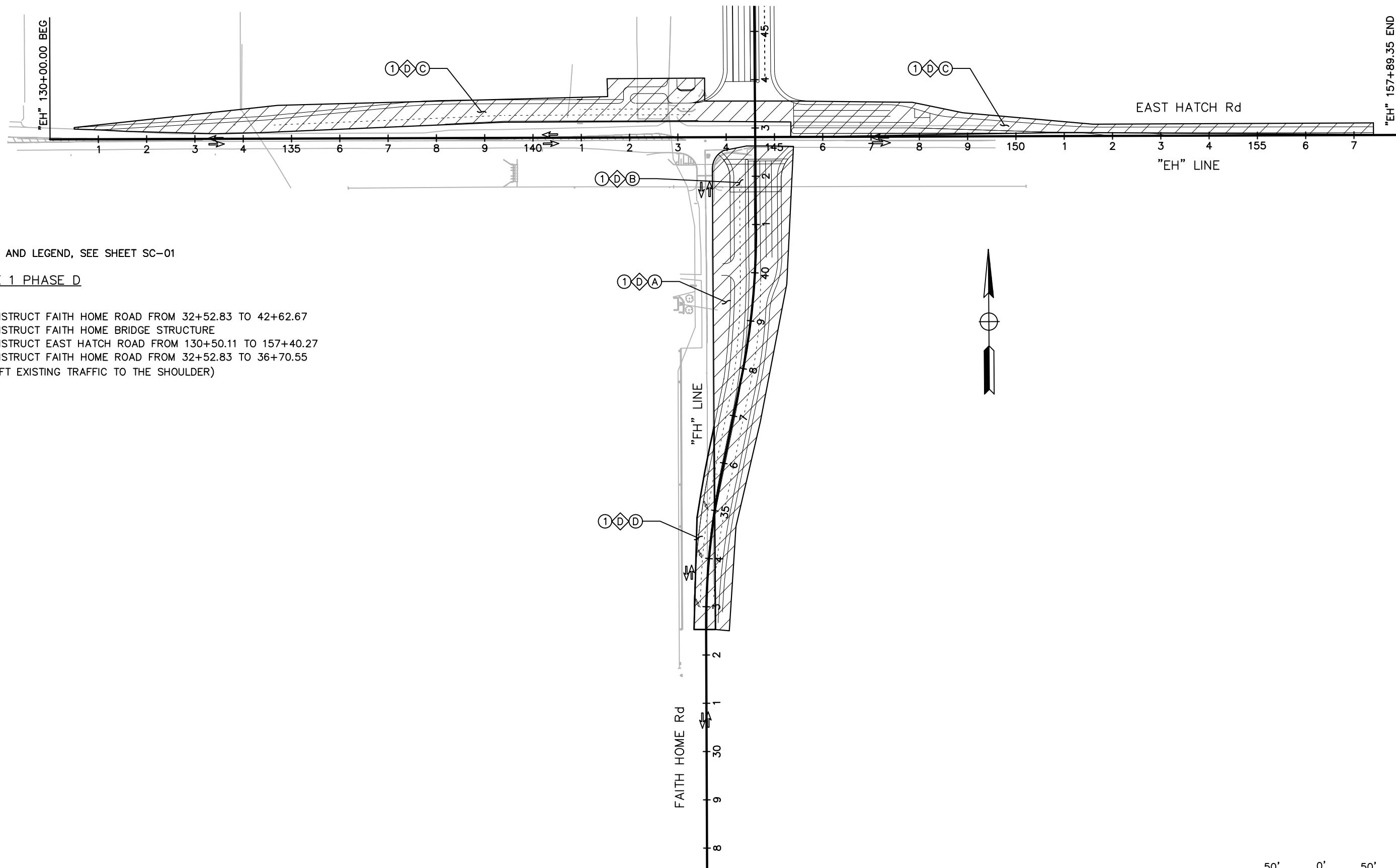
FAITH HOME ROAD/ GARNER ROAD  
STAGE CONSTRUCTION  
SHEET 3 OF 8

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-SC  
Sheet No.

**SC-3**

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\14-098-SC2.dwg Jun 05, 2019, 4:24pm



**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET SC-01

**① STAGE 1 PHASE D**

- A. CONSTRUCT FAITH HOME ROAD FROM 32+52.83 TO 42+62.67
- B. CONSTRUCT FAITH HOME BRIDGE STRUCTURE
- C. CONSTRUCT EAST HATCH ROAD FROM 130+50.11 TO 157+40.27
- D. CONSTRUCT FAITH HOME ROAD FROM 32+52.83 TO 36+70.55  
(SHIFT EXISTING TRAFFIC TO THE SHOULDER)

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY

50' 0' 50' 100'  
SCALE: 1"=50'



No.	Date	Revision	By
△			
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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
STAGE CONSTRUCTION  
SHEET 4 OF 8

Approved --- Senior Engineer Date Recommended --- Project Manager Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-SC2
Sheet No.	

SC-4

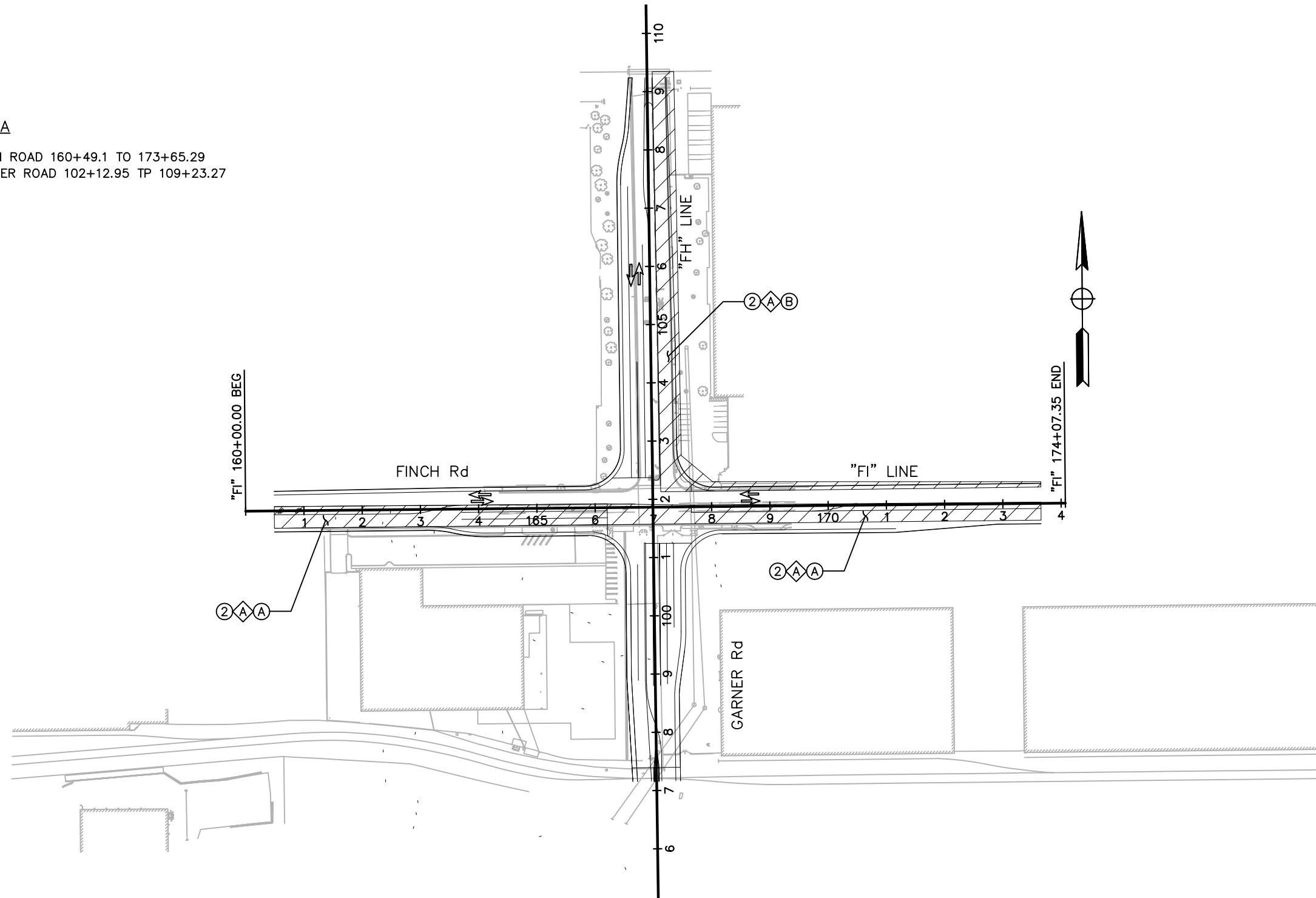


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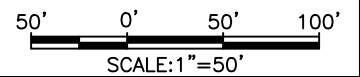
1. FOR NOTES AND LEGEND, SEE SHEET SC-01

**② STAGE 2 PHASE A**

- A. CONSTRUCT FINCH ROAD 160+49.1 TO 173+65.29
- B. CONSTRUCT GARNER ROAD 102+12.95 TP 109+23.27



THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY



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No.	Date	Revision	By
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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_ APPROVED \_\_\_\_\_

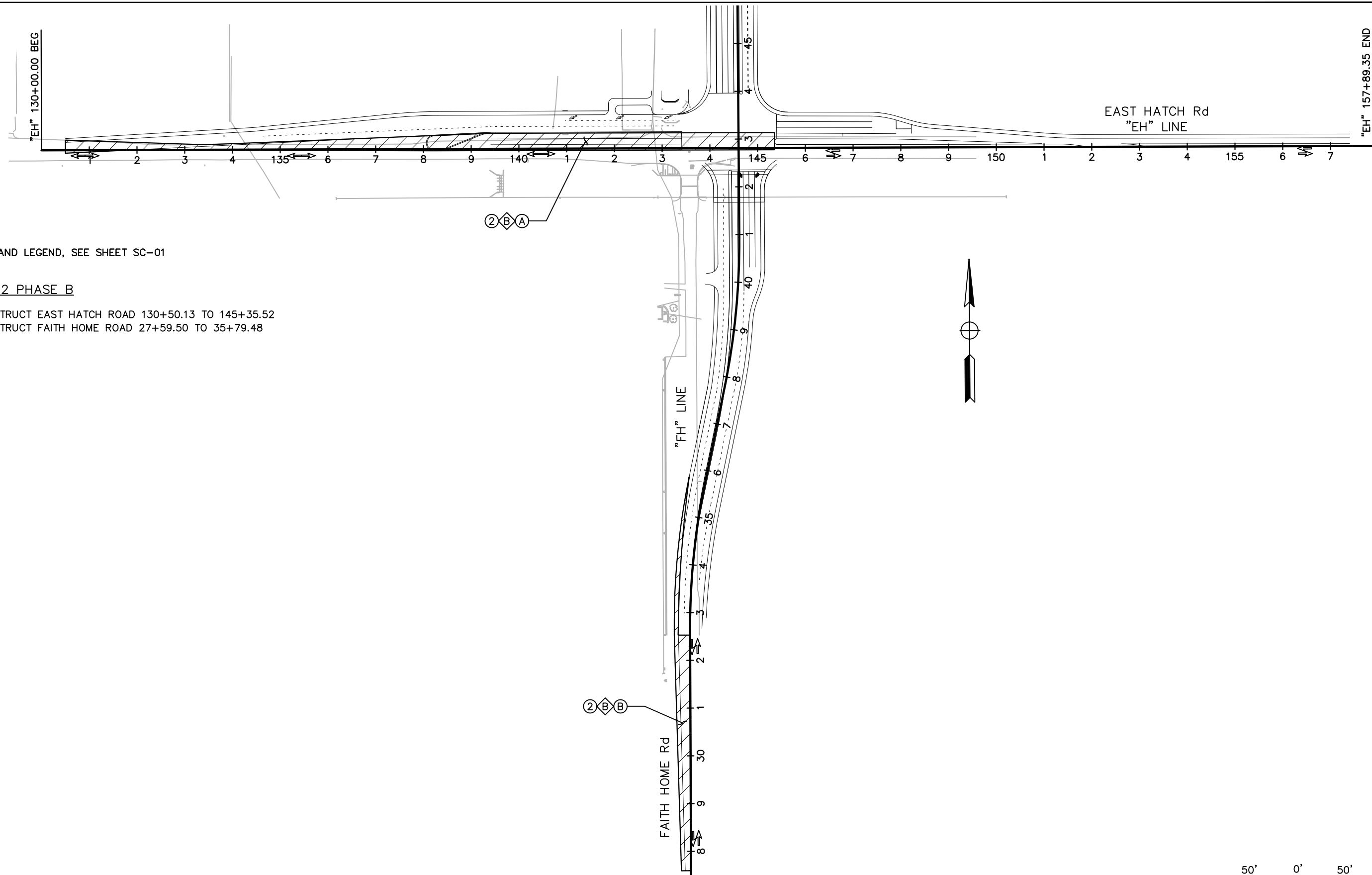
FAITH HOME ROAD/ GARNER ROAD  
STAGE CONSTRUCTION  
SHEET 5 OF 8

Approved --- Senior Engineer Date Recommended---Project Manager Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-SC3
Sheet No.	<b>SC-5</b>



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\14-098-SC2.dwg Jun 05, 2019, 4:25pm



**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET SC-01

② **STAGE 2 PHASE B**

- A. CONSTRUCT EAST HATCH ROAD 130+50.13 TO 145+35.52
- B. CONSTRUCT FAITH HOME ROAD 27+59.50 TO 35+79.48

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY

50' 0' 50' 100'  
SCALE: 1"=50'



No.	Date	Revision	By
△			
△			
△			
△			



STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

FAITH HOME ROAD/ GARNER ROAD  
STAGE CONSTRUCTION  
SHEET 6 OF 8

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By: S. PAVULURI  
Drawn By: J. HOGE  
Date:  
Project No.: 710098.10  
CAD File: 098-SC2  
Sheet No.

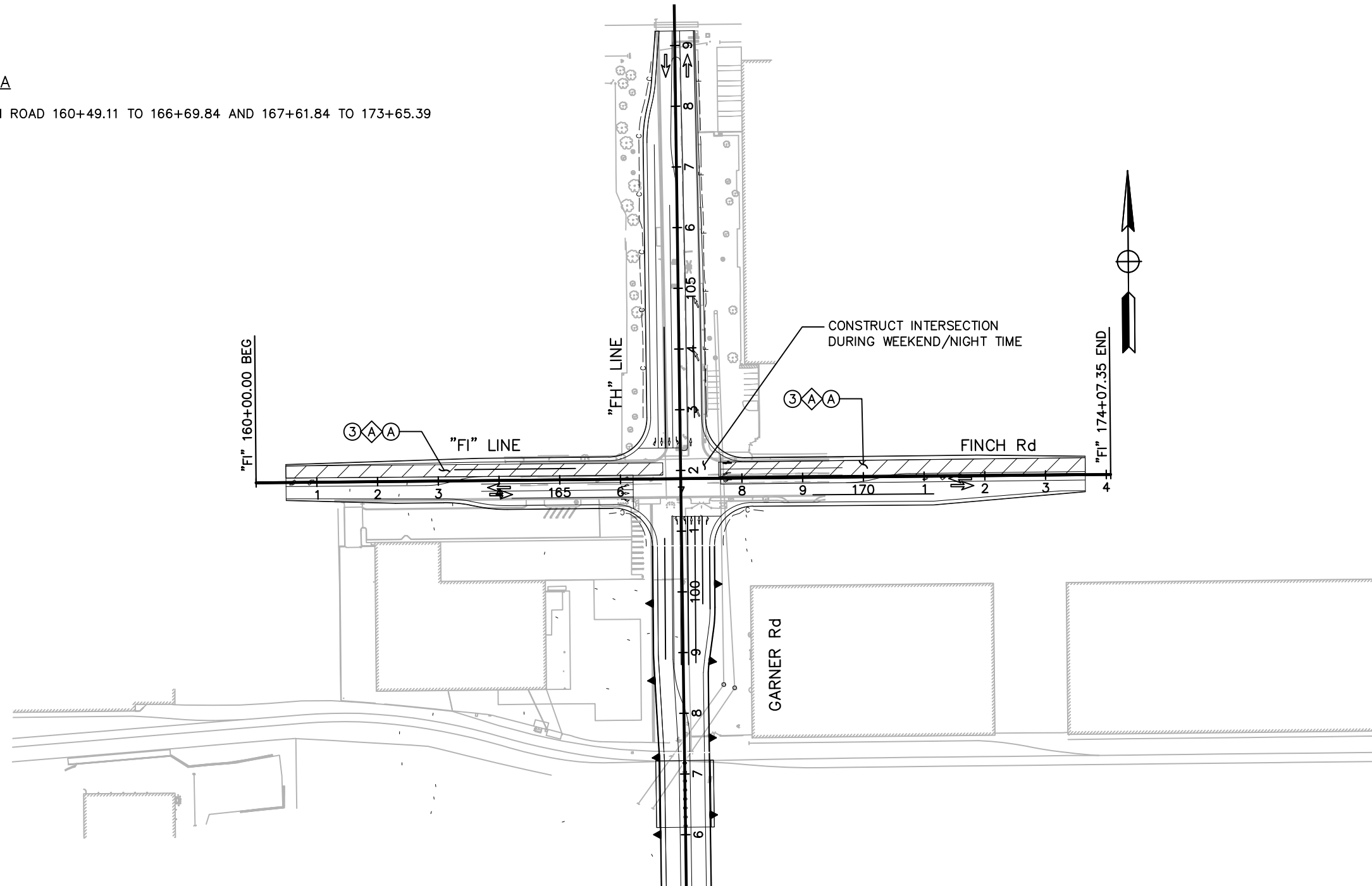
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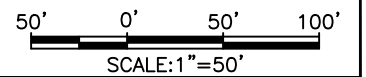
- FOR NOTES AND LEGEND, SEE SHEET SC-01

③ STAGE 3 PHASE A

- CONSTRUCT FINCH ROAD 160+49.11 TO 166+69.84 AND 167+61.84 TO 173+65.39



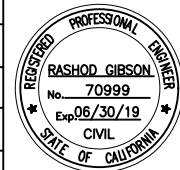
THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY



Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\14-098-SC3.dwg Jun 05, 2019, 4:25pm



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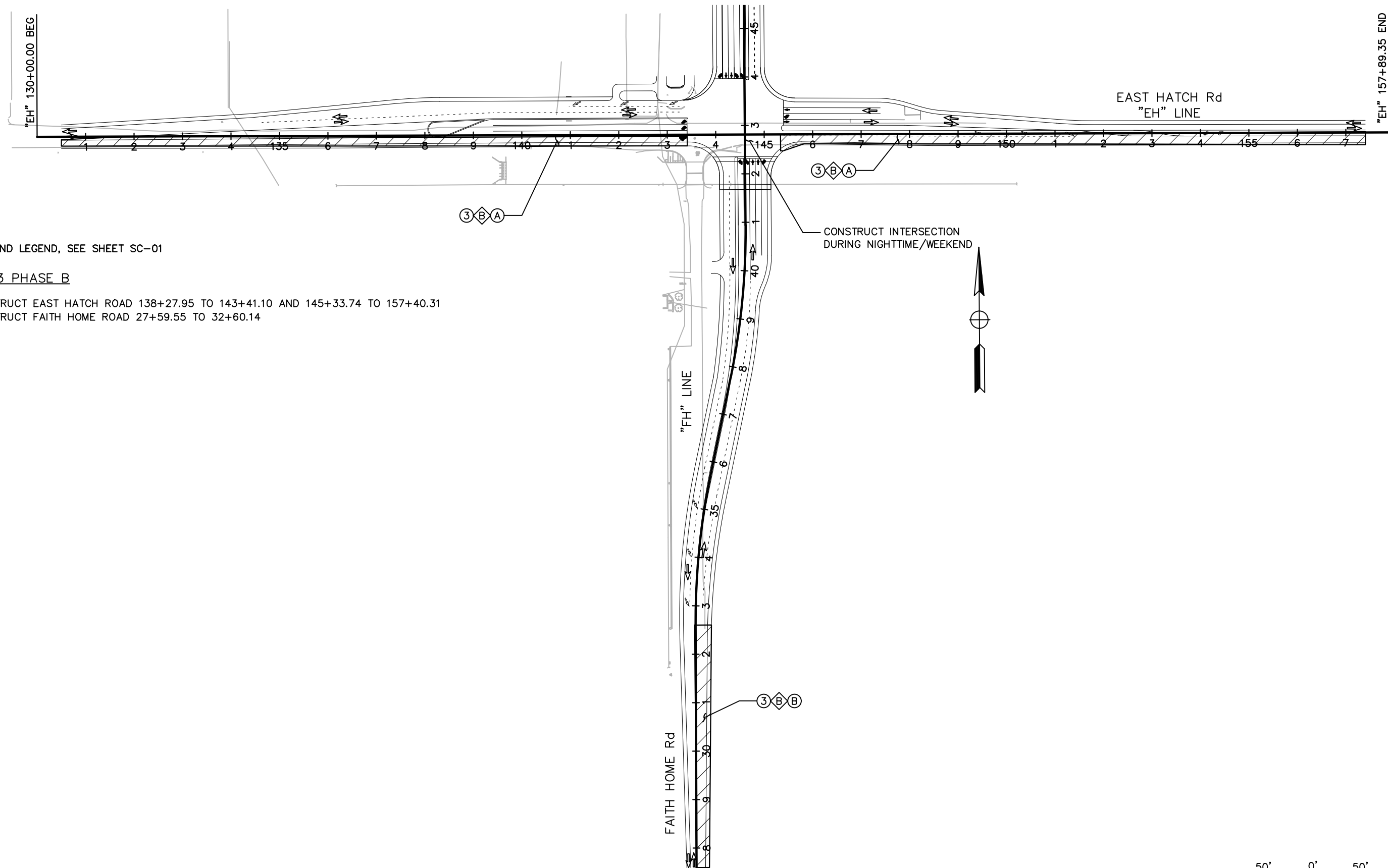


STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS	
SUBMITTED _____	APPROVED _____
T.Y. LIN INTERNATIONAL 1601 RESPONSE ROAD, SUITE 260 SACRAMENTO CA 95815	

FAITH HOME ROAD/ GARNER ROAD STAGE CONSTRUCTION SHEET 7 OF 8			
Approved --- Senior Engineer	Date	Recommended --- Project Manager	Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-SC3
Sheet No.	<b>SC-7</b>

Drawing: T:\Sacramento\Projects\710098.10\600\_CADD\05\_Official\Civil\SHEETS\14-098-SC2.dwg Jun 05, 2019, 4:25pm

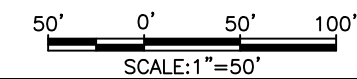


**NOTES:**

1. FOR NOTES AND LEGEND, SEE SHEET SC-01

**(3) STAGE 3 PHASE B**

- A. CONSTRUCT EAST HATCH ROAD 138+27.95 TO 143+41.10 AND 145+33.74 TO 157+40.31
- B. CONSTRUCT FAITH HOME ROAD 27+59.55 TO 32+60.14



THIS PLAN ACCURATE FOR STAGE CONSTRUCTION WORK ONLY



No.	Date	Revision	By
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STANISLAUS COUNTY DEPARTMENT OF PUBLIC WORKS

T.Y. LIN INTERNATIONAL  
1601 RESPONSE ROAD, SUITE 260  
SACRAMENTO CA 95815

SUBMITTED \_\_\_\_\_

APPROVED \_\_\_\_\_

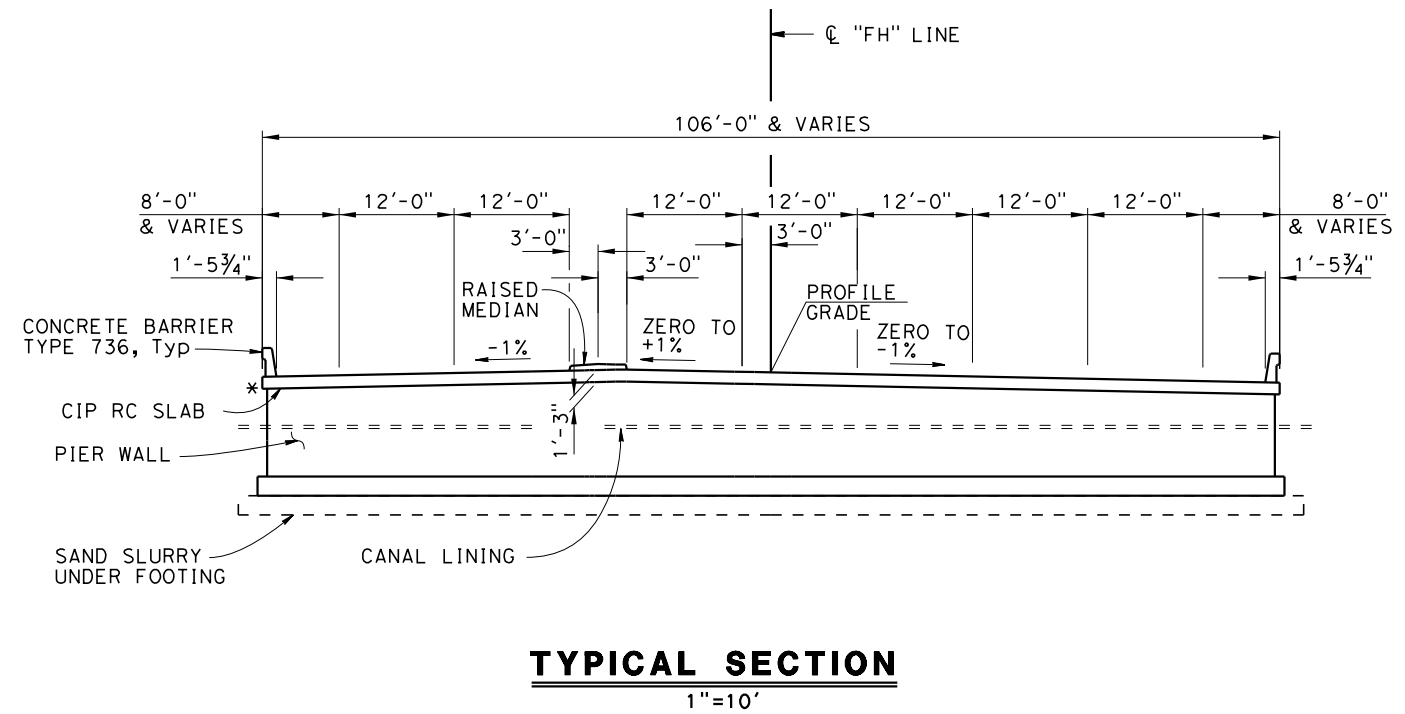
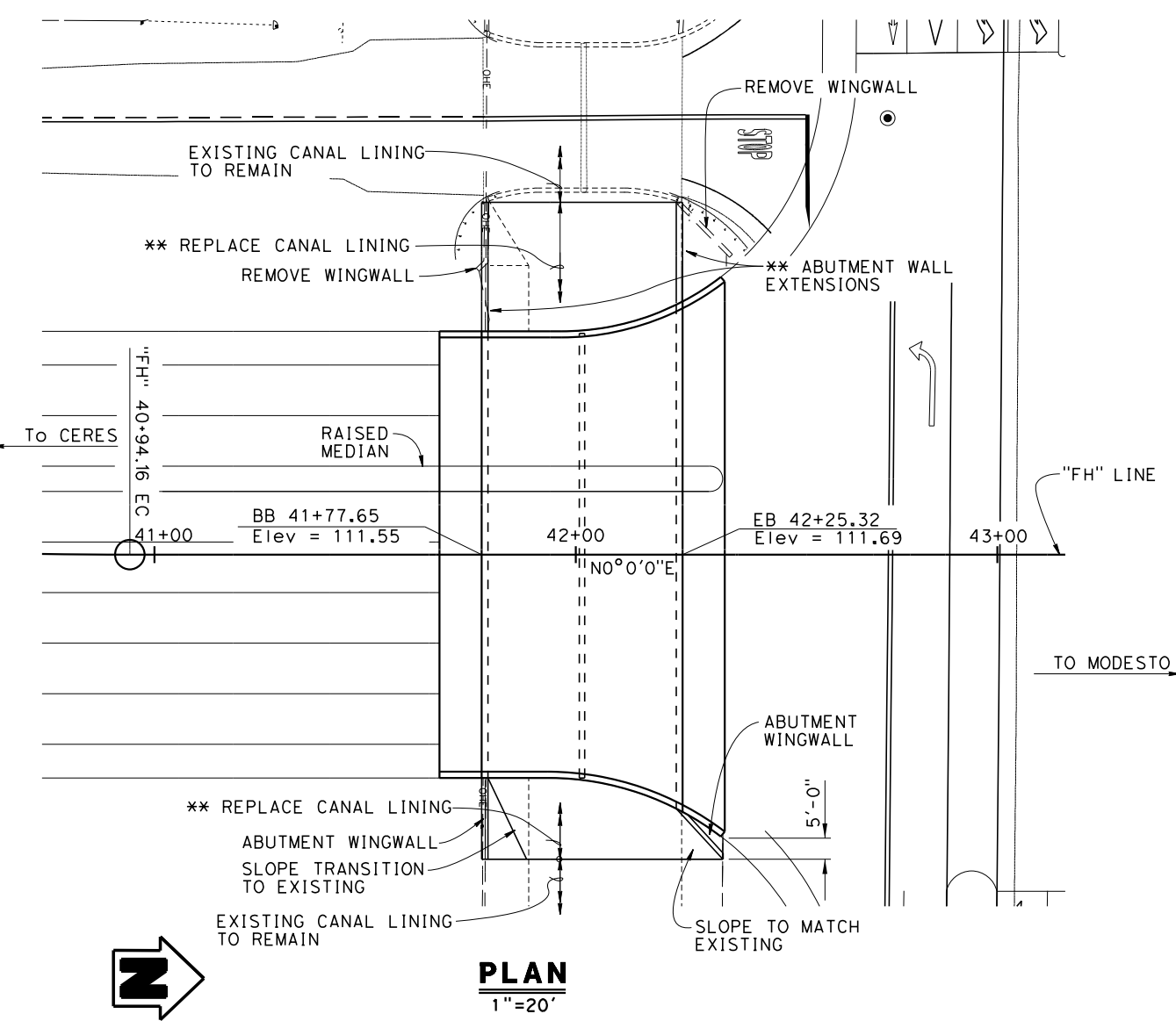
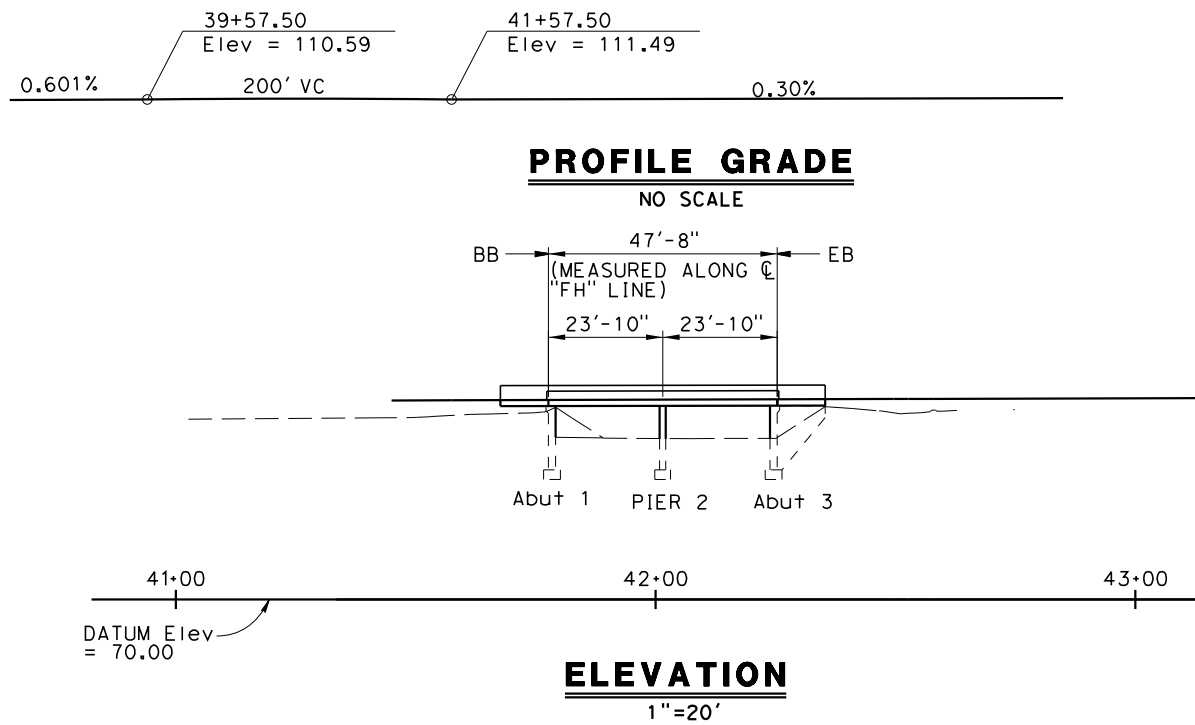
FAITH HOME ROAD/ GARNER ROAD  
STAGE CONSTRUCTION  
SHEET 8 OF 8

Approved --- Senior Engineer      Date      Recommended --- Project Manager      Date

Designed By:	S. PAVULURI
Drawn By:	J. HOGE
Date:	
Project No.:	710098.10
CAD File:	098-SC2
Sheet No.	

**SC-8**

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- \* LOW POINT OF SOFFIT SHALL BE NO LOWER THAN THE LOW POINT OF SOFFIT OF EXISTING BRIDGE
- \*\* EXISTING CANAL LINING SLOPES SHALL BE REMOVED WITHIN CANAL REPLACEMENT LIMITS. SLOPE TRANSITIONS TO EXISTING CANAL GEOMETRICS SHALL EXIST WHERE INDICATED
- \*\*\* ABUTMENT WALL EXTENSIONS SHALL EXIST WITHIN THE LIMITS OF THE CANAL REPLACEMENT, ALIGNED AND CONNECTED TO EXISTING ABUTMENT WALLS VIA DRILL AND BOND DOWELS

Date of Estimate	03/01/2019
Structure Depth	= 1'-3"
Length	= 47'-8"
Width	= 106'-0"
Area	= 5,053 ft <sup>2</sup>
Cost / sq ft	= \$
Total Cost	= \$



**PRELIMINARY, NOT FOR CONSTRUCTION**

**STANISLAUS COUNTY**  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING AND OPERATIONS DIVISION  
 1716 MORGAN ROAD - MODESTO, CA 95358



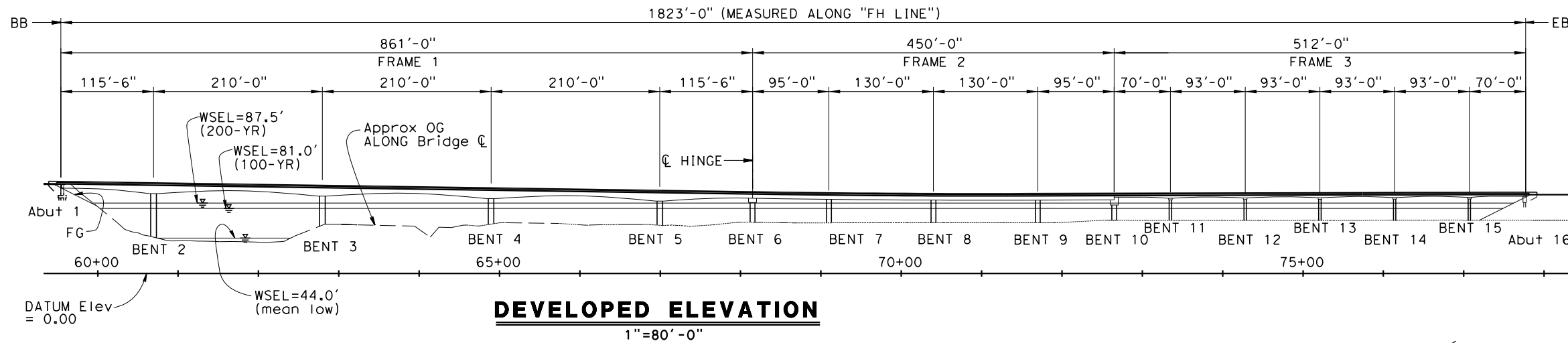
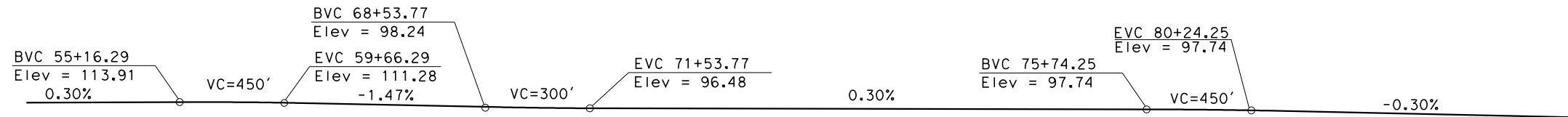
**TYLINTNATIONAL**  
 1601 Response Road, Suite 260  
 Sacramento, CA 95815  
 IMPROVEMENT PLANS FOR:  
**ADVANCED PLANNING STUDY**  
**FAITH HOME ROAD BRIDGE (REPLACEMENT)**  
 AT TID CERES MAIN CANAL

JOB NO	710098
DATE	3/13/2019
DR BY	HH
CK BY	MP
SCALE	AS NOTED

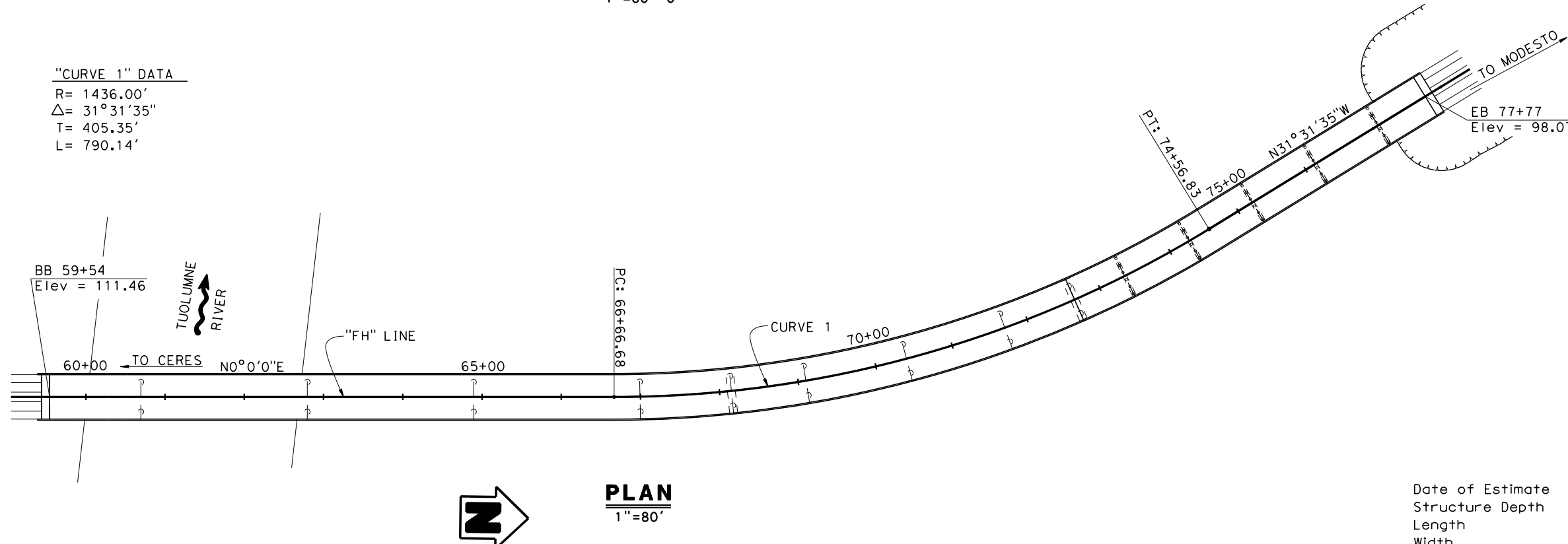
SHEET NUMBER  
**50**  
 OF 53 SHEETS

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

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"CURVE 1" DATA  
R= 1436.00'  
Δ= 31°31'35"  
T= 405.35'  
L= 790.14'



Date of Estimate	03/01/2019
Structure Depth	= VARIES
Length	= 1823'-0"
Width	= 58'-11 1/2"
Area	= 107,481 FT <sup>2</sup>
Cost / sq ft	= \$
Total Cost	= \$



**PRELIMINARY, NOT FOR CONSTRUCTION**

**TYLINT INTERNATIONAL**  
1601 Response Road, Suite 260  
Sacramento, CA 95815

IMPROVEMENT PLANS FOR:  
**ADVANCED PLANNING STUDY  
FAITH HOME ROAD BRIDGE AND CAUSEWAY  
OVER THE TUOLUMNE RIVER**

JOB NO	710098
DATE	3/13/2019
DR BY	HH
CK BY	MP
SCALE	AS NOTED

SHEET NUMBER  
**51**  
OF 53 SHEETS

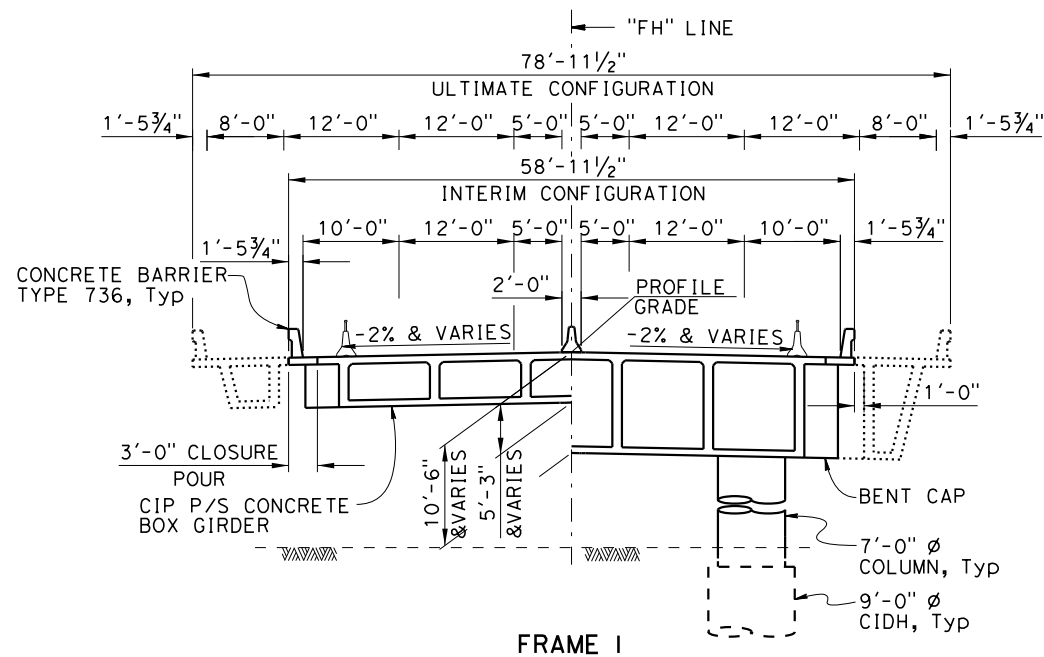
**STANISLAUS COUNTY**  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING AND OPERATIONS DIVISION  
1716 MORGAN ROAD - MODESTO, CA 95358



NO	DESCRIPTIONS	DATE	APPROVED

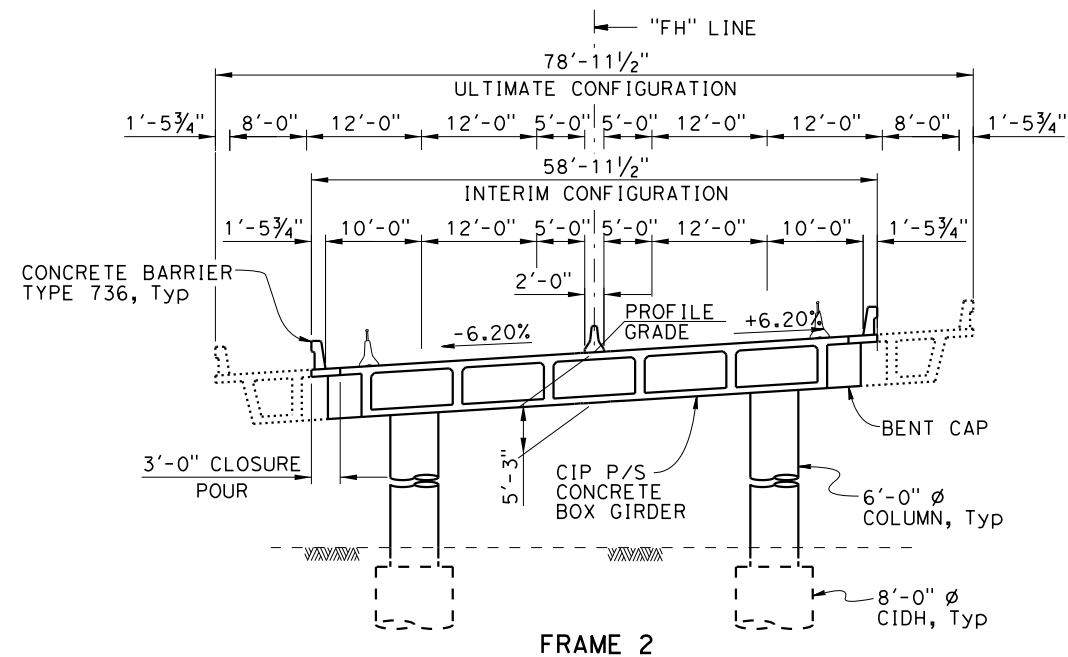
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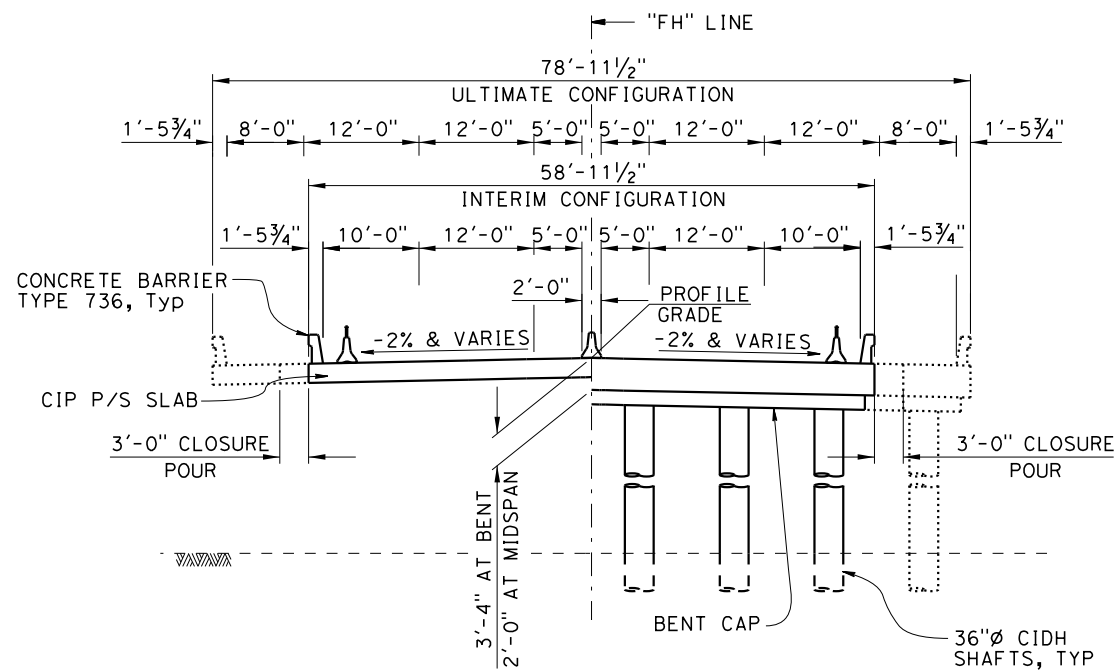
**MAIN RIVER BRIDGE SECTION**

1"=10'-0"



**CAUSEWAY BOX GIRDER SECTION**

1"=10'-0"



**CAUSEWAY SLAB SECTION**

1"=10'-0"

NOTES ON FUTURE WIDENING CONSTRUCTION:

1. Deck overhangs shall be removed and replaced with closure pour as indicated.
2. K-Rail shall be installed as indicated during widening.
3. Median Barrier shall be anchored with removable dowels to allow future lane shifts during widening.
4. Falsework supports shall be required for box girder installation and post-tensioning during widening.
5. Concrete bent cap widenings and closure pours shall be installed after adequate box girder shortening due to post-tensioning, typically 60 days or more. Cap widenings shall utilize lapped headed bars or utilize pre-placed post-tensioning bars or strands.
6. Columns and shafts shall be designed to carry loads of the ultimate configuration width.



ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

NO.	REVISIONS	DATE	APPROVED

STANISLAUS COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING AND OPERATIONS DIVISION  
 1716 MORGAN ROAD - MODESTO, CA 95358



**PRELIMINARY, NOT FOR CONSTRUCTION**

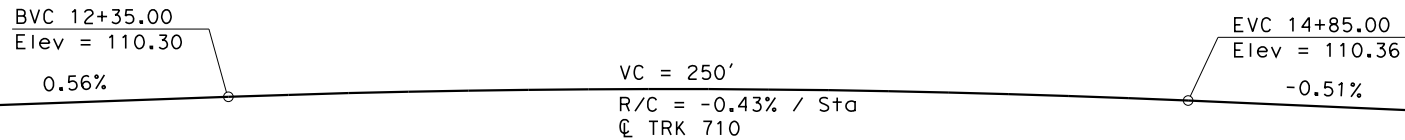
**TYLINT** INTERNATIONAL  
 1601 Response Road, Suite 260  
 Sacramento, CA 95815

IMPROVEMENT PLANS FOR:  
**ADVANCED PLANNING STUDY  
 FAITH HOME ROAD BRIDGE AND CAUSEWAY  
 OVER THE TUOLUMNE RIVER**

JOB NO 710098  
 DATE 3/13/2019  
 DR BY HH  
 CK BY MP  
 SCALE AS NOTED

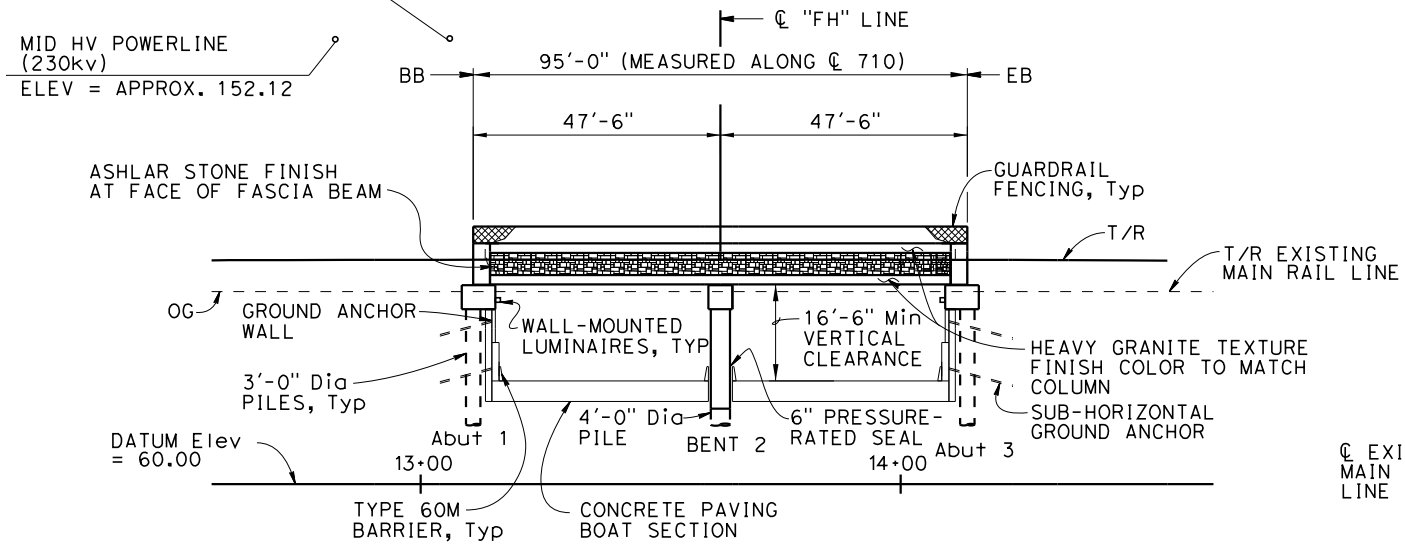
SHEET NUMBER  
**52**  
 OF 53 SHEETS





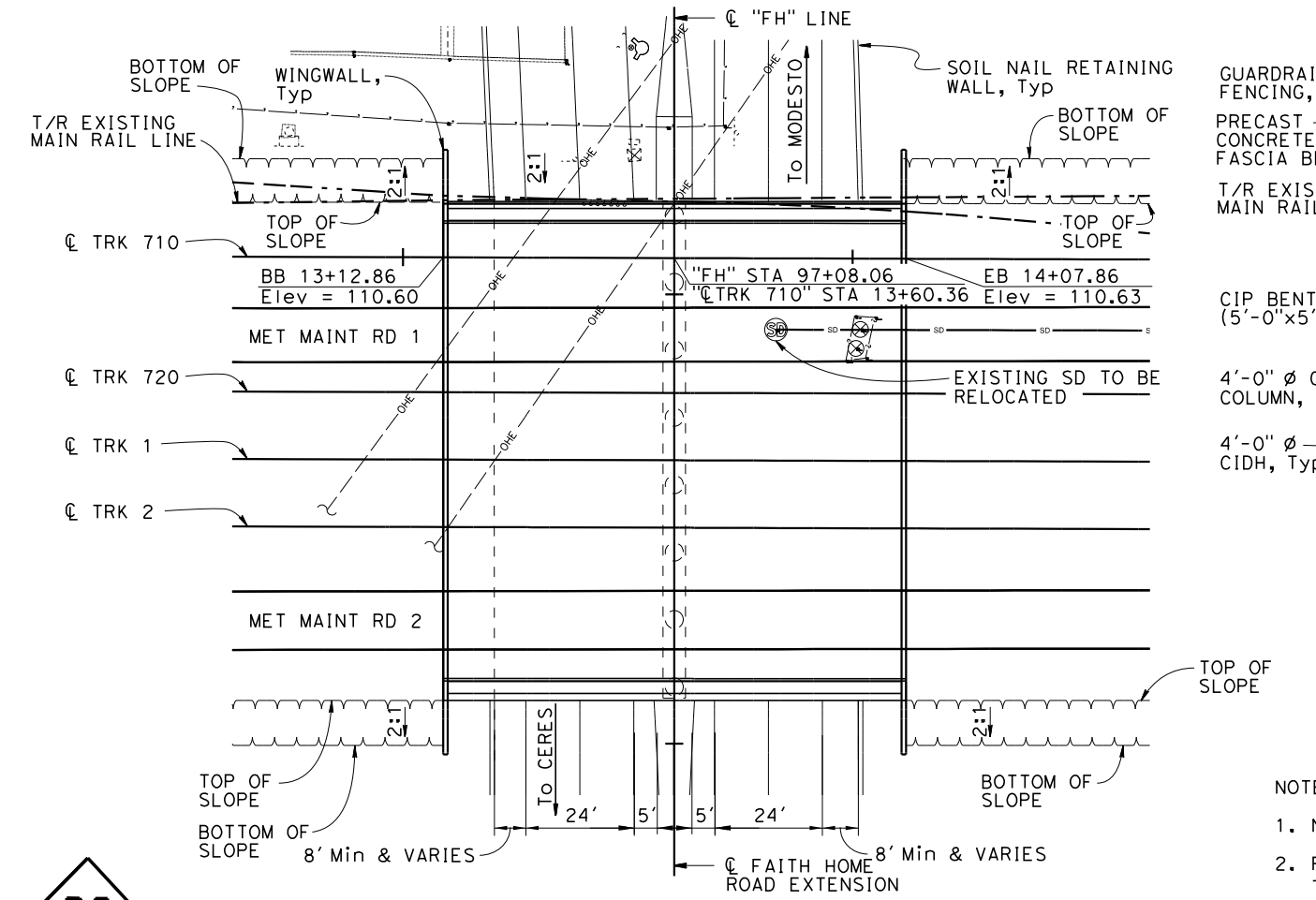
**PROFILE GRADE**

NO SCALE



**ELEVATION**

1"=20'

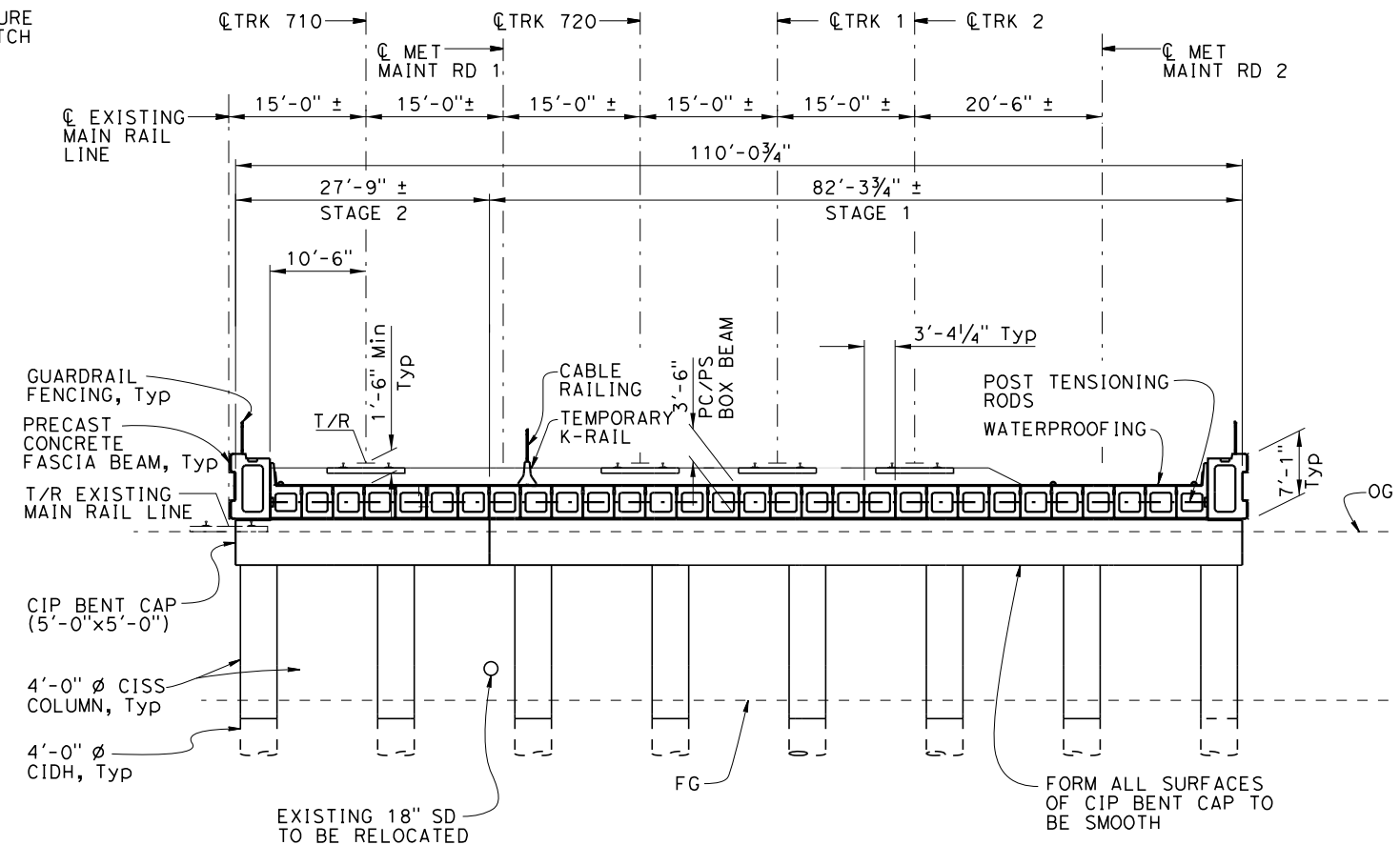


**PLAN**

1"=20'

**TOP-DOWN STAGE CONSTRUCTION**

1. Excavate to bottom of CIP abutment and bent pile caps within Stage 1 limits.
2. Install abutment piles while concurrently drilling for columns and CIDH piles at bent within Stage 1 limits.
3. Install column steel casings from top of the column to pile cut-off, and place reinforcement for bent piles and columns within Stage 1 limits.
4. Place concrete for bent piles and columns within Stage 1 limits.
5. Construct abutment, wingwall, and bent pile caps within Stage 1 limits.
6. Install precast bridge girders within Stage 1 limits.
7. Excavate for the Boat Structure and construct soil nail and ground anchor walls within Stage 1 limits.
8. Place abutment cap backwall, structure backfill, and roadway embankment while concurrently constructing the boat section within Stage 1 limits.
9. Place ballast and tracks within Stage 1 limits while concurrently placing finish CIP face over Stage 1 soil nail walls not covered by the boat section.
10. Convert service from existing tracks to new track alignments within Stage 1 limits. Repeat steps 1-10 for construction within Stage 2 limits.
11. Clean and paint column steel casing.



**TYPICAL SECTION**

1"=10'

**NOTES:**

1. No Vehicular Traffic during Construction.
2. Rail Traffic with pass through construction site, top-down Stage Construction required.

Date of Estimate	03/01/19
Structure Depth	= 3'-6"
Length	= 95'-0"
Width	= 110'-0 3/4"
Area	= 10,466 ft <sup>2</sup>
Cost / sq ft	= \$
Total Cost	= \$



**PRELIMINARY, NOT FOR CONSTRUCTION**

**TYLIN INTERNATIONAL**

1601 Response Road, Suite 260  
Sacramento, CA 95815

IMPROVEMENT PLANS FOR:  
**ADVANCED PLANNING STUDY**  
FAITH HOME ROAD UNDERCROSSING

JOB NO	710098
DATE	3/13/2019
DR BY	HH
CK BY	MP
SCALE	AS NOTED

SHEET NUMBER  
**53**  
OF 53 SHEETS

**STANISLAUS COUNTY**  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING AND OPERATIONS DIVISION  
1716 MORGAN ROAD - MODESTO, CA 95358



PREPARED UNDER THE DIRECTION OF:

NO	REVISIONS	DATE	APPROVED

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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS