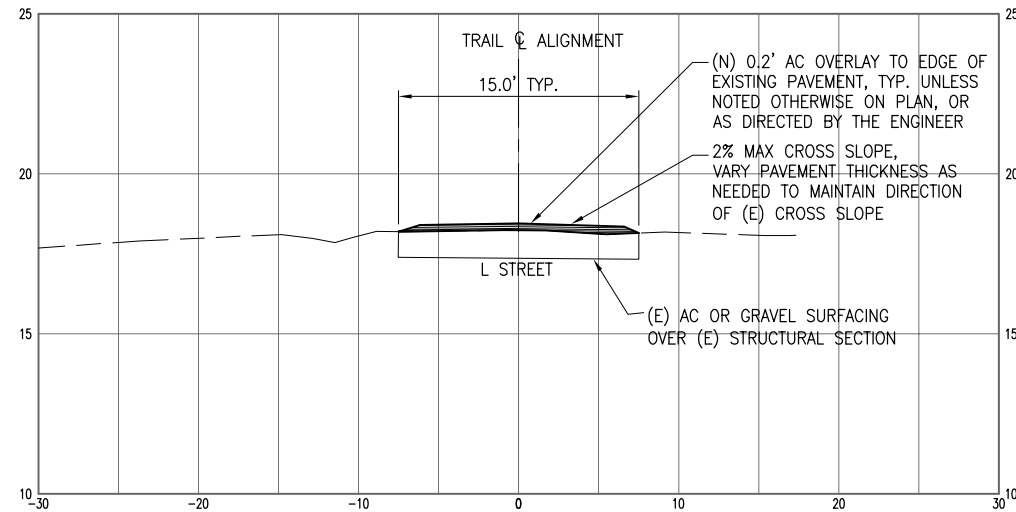


STA 140+50 TO 150+97.25 (CUT AT STA 147+00)  
**TYPICAL TRAIL SECTION - TYPE V**

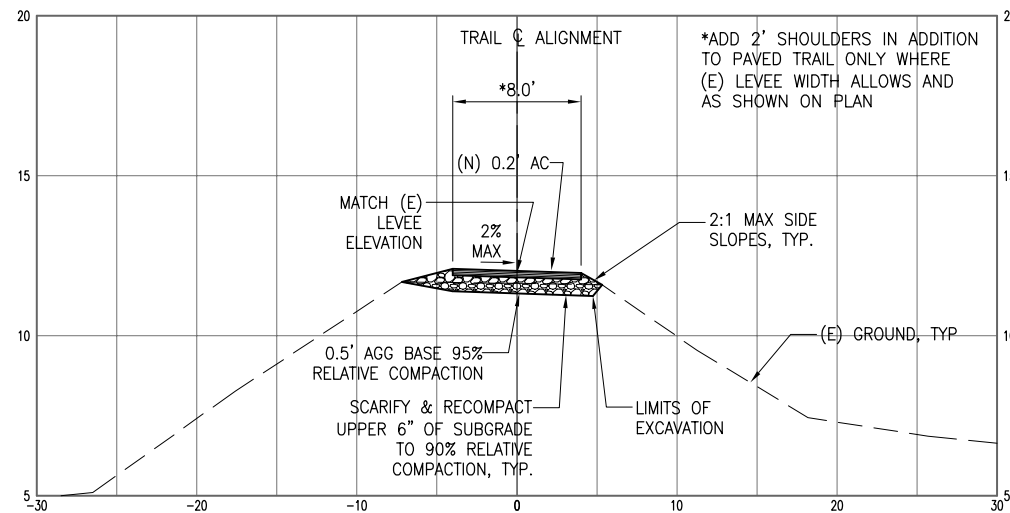
SCALE: HORIZ: 1" = 6, VERT: 1" = 3'



STA 179+42.73 TO 191+50 (CUT AT STA 184+00)  
**TYPICAL TRAIL SECTION - TYPE VII**

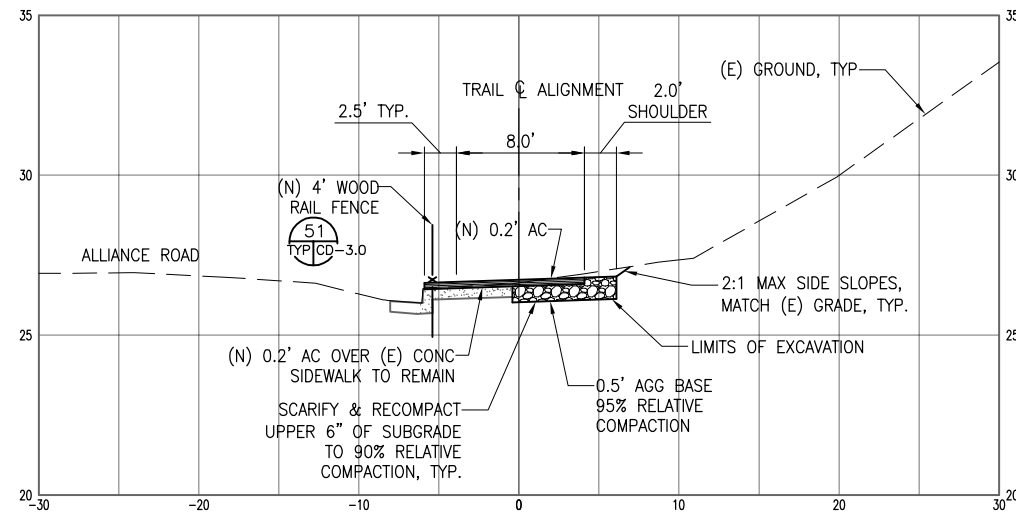
SCALE: HORIZ: 1" = 6, VERT: 1" = 3'

NOTE: WHERE TRANSITIONING FROM ONE TYPICAL SECTION TO ANOTHER TRANSITION OVER APPROXIMATELY 25 FEET CENTERED AT THE STATION OF CHANGE IN TYPICAL SECTION



STA 151+11.50 TO 159+51.73 & 211+90 TO 212+53.02 (CUT AT STA 156+00)  
**TYPICAL TRAIL SECTION - TYPE VI**

SCALE: HORIZ: 1" = 6, VERT: 1" = 3'



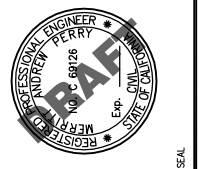
STA 202+08.46 TO 209+25 (CUT AT STA 207+25)  
**TYPICAL TRAIL SECTION - TYPE VIII**

SCALE: HORIZ: 1" = 6, VERT: 1" = 3'

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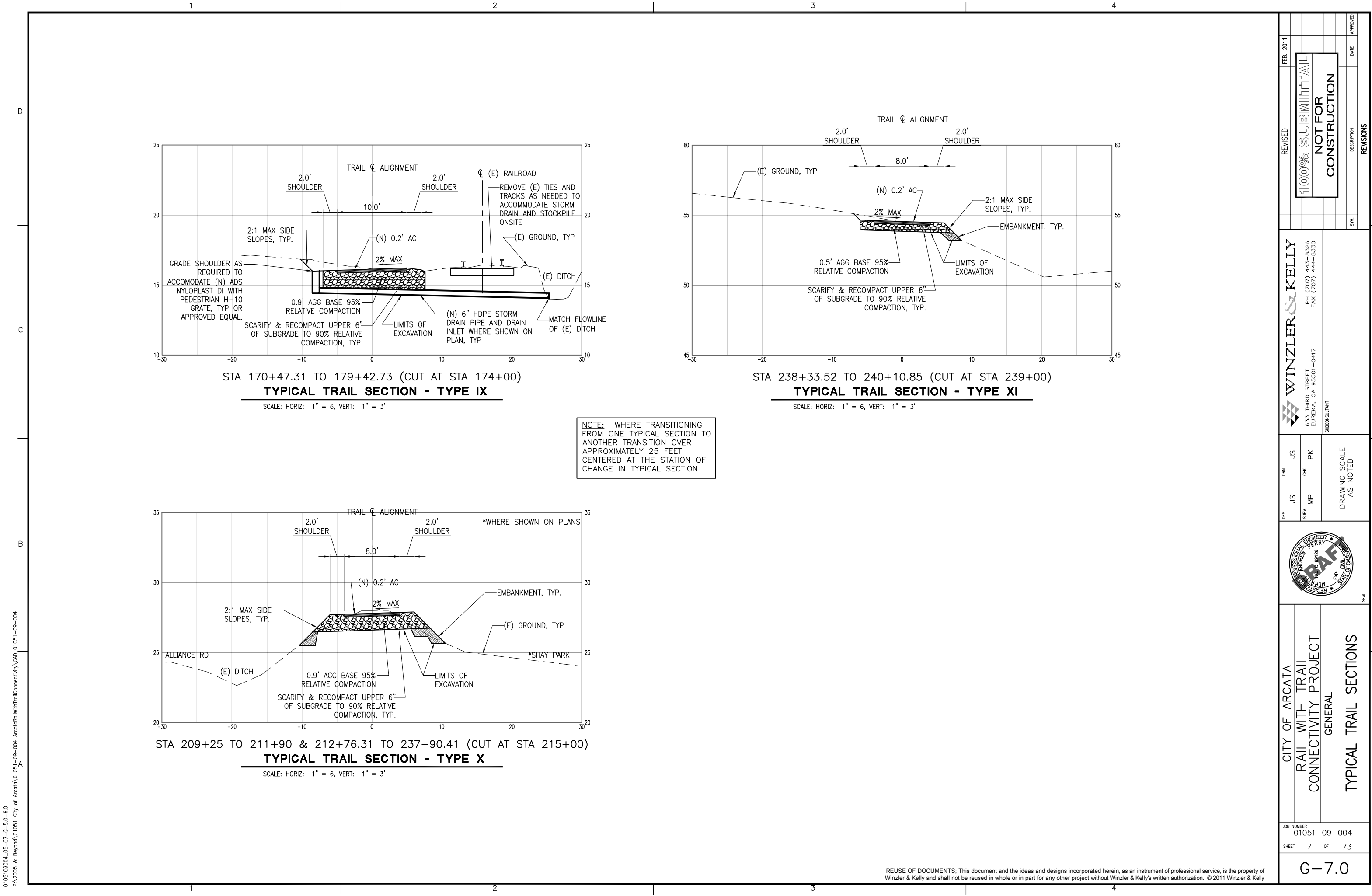
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SUPV	JS	MP		



CITY OF ARCATA  
RAIL WITH TRAIL  
CONNECTIVITY PROJECT  
GENERAL  
LOCAL TRAIL SECTIONS



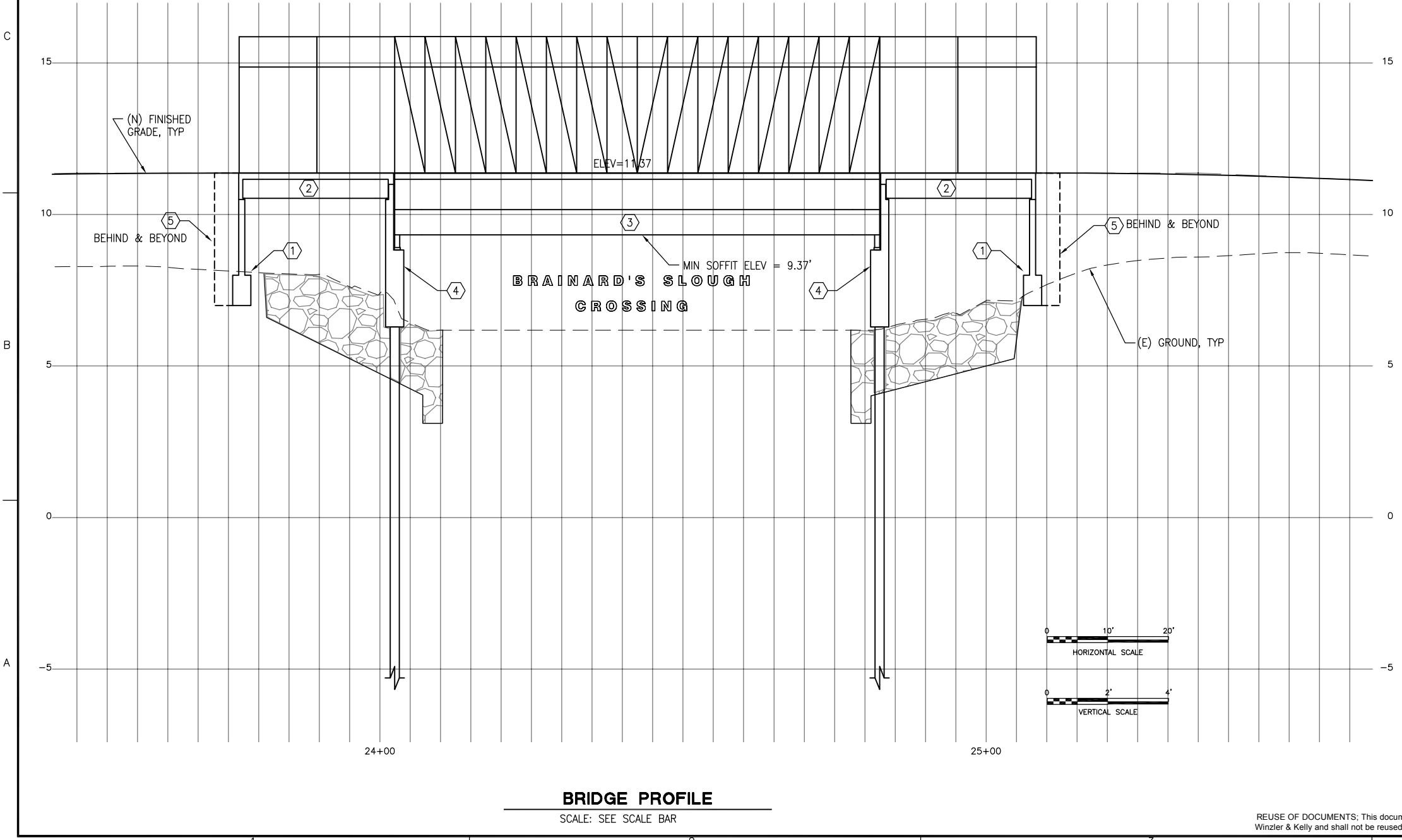
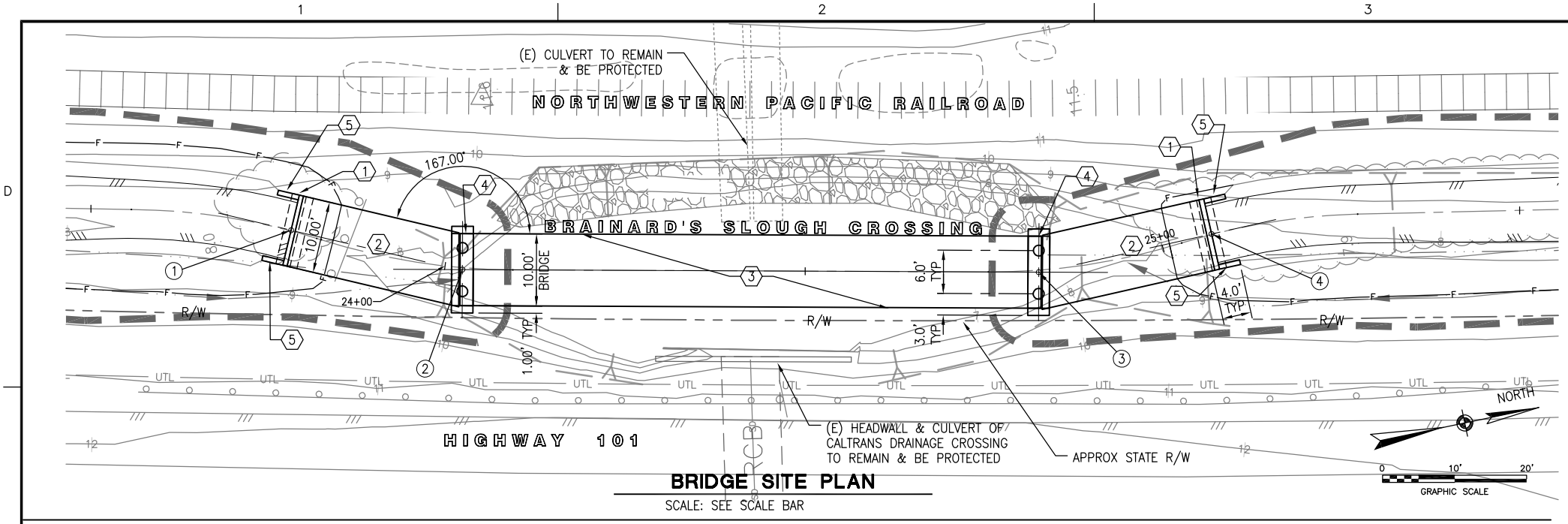
USACE File #2014-00392N  
Arcata Rails to Trails - Phase 2  
Enclosure 3 (5 pages)  
October 24 2016



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DES	JS	DRN	JS
SUPV	MP	CHK	PK
DRAWING SCALE AS NOTED			
CITY OF ARCATA RAIL WITH TRAIL CONNECTIVITY PROJECT GENERAL TYPICAL TRAIL SECTIONS			
JOB NUMBER 01051-09-004			
SHEET 7 OF 73			
G-7.0			

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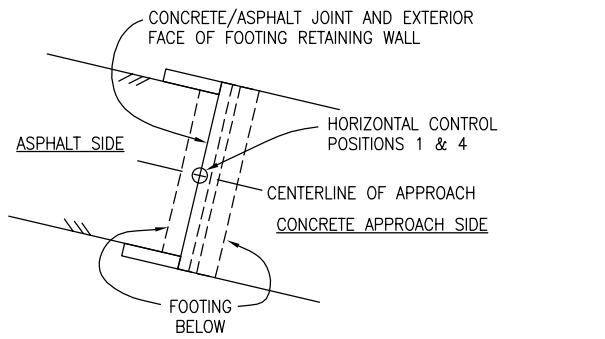


NOTES:  
1. DIMENSIONS SHOWN ARE TYPICAL. APPROACH SPANS AND FOOTINGS ARE SYMMETRICAL ABOUT CENTER LINE OF TRAIL.

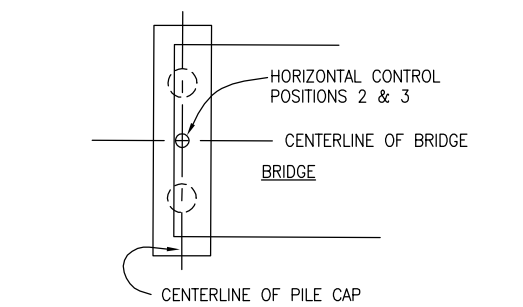
LOCATIONS:

NUMBER	DESCRIPTION	NORTHING	EASTING
①	CL OF APPROACH (SEE FOOTING DIAGRAM)	2192863.10	5985413.97
②	CL OF BRIDGE (SEE PILE CAP DIAGRAM)	2192885.27	5985424.17
③	CL OF BRIDGE (SEE PILE CAP DIAGRAM)	2192963.52	5985440.80
④	CL OF APPROACH (SEE FOOTING DIAGRAM)	2192988.07	5985440.50

- KEYNOTES:
- ① (N) CAST-IN-PLACE CONC RETAINING FOOTING PER DETAIL ① TYPIS-8.0
  - ② (N) PRECAST CONC BRIDGE DECKS W/ PEDESTRIAN GUARDRAILS AND CONCRETE OVERLAY, TYP ② TYPIS-8.1
  - ③ (N) PRE-MANUFACTURED 80 FT LONG BY 10 FT WIDE FIBERGLASS BRIDGE W/ PEDESTRIAN GUARDRAILS AND TIMBER DECKING ③ TYPIS-8.1
  - ④ (N) CAST-IN-PLACE PILE CAP ON PRECAST DRIVEN PILES PER ④ TYPIS-8.0
  - ⑤ (N) CAST-IN-PLACE WING WALL PER DETAIL ⑤ TYPIS-8.1



**TYPICAL APPROACH FOOTING DIAGRAM**  
SCALE: NTS



**TYPICAL PILE CAP DIAGRAM**  
SCALE: NTS

NOTE:  
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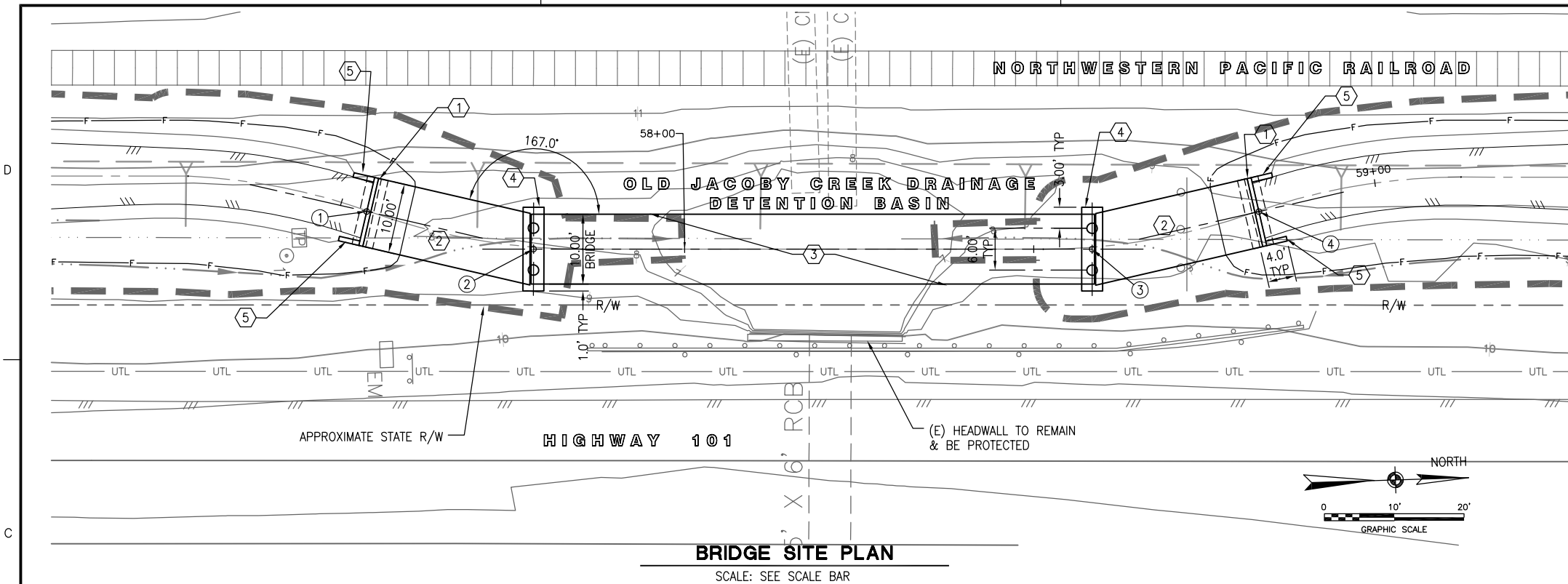
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CHK  
PK  
SOG  
SPP  
DRAFTER  
P. PEACOCK  
REGISTERED PROFESSIONAL ENGINEER  
STRUCTURAL  
STATE OF CALIFORNIA  
NO. 50914

CITY OF ARCATA  
RAIL WITH TRAIL  
CONNECTIVITY PROJECT  
STRUCTURAL  
BRINARD'S SLOUGH CROSSING  
SITE PLAN & PROFILE

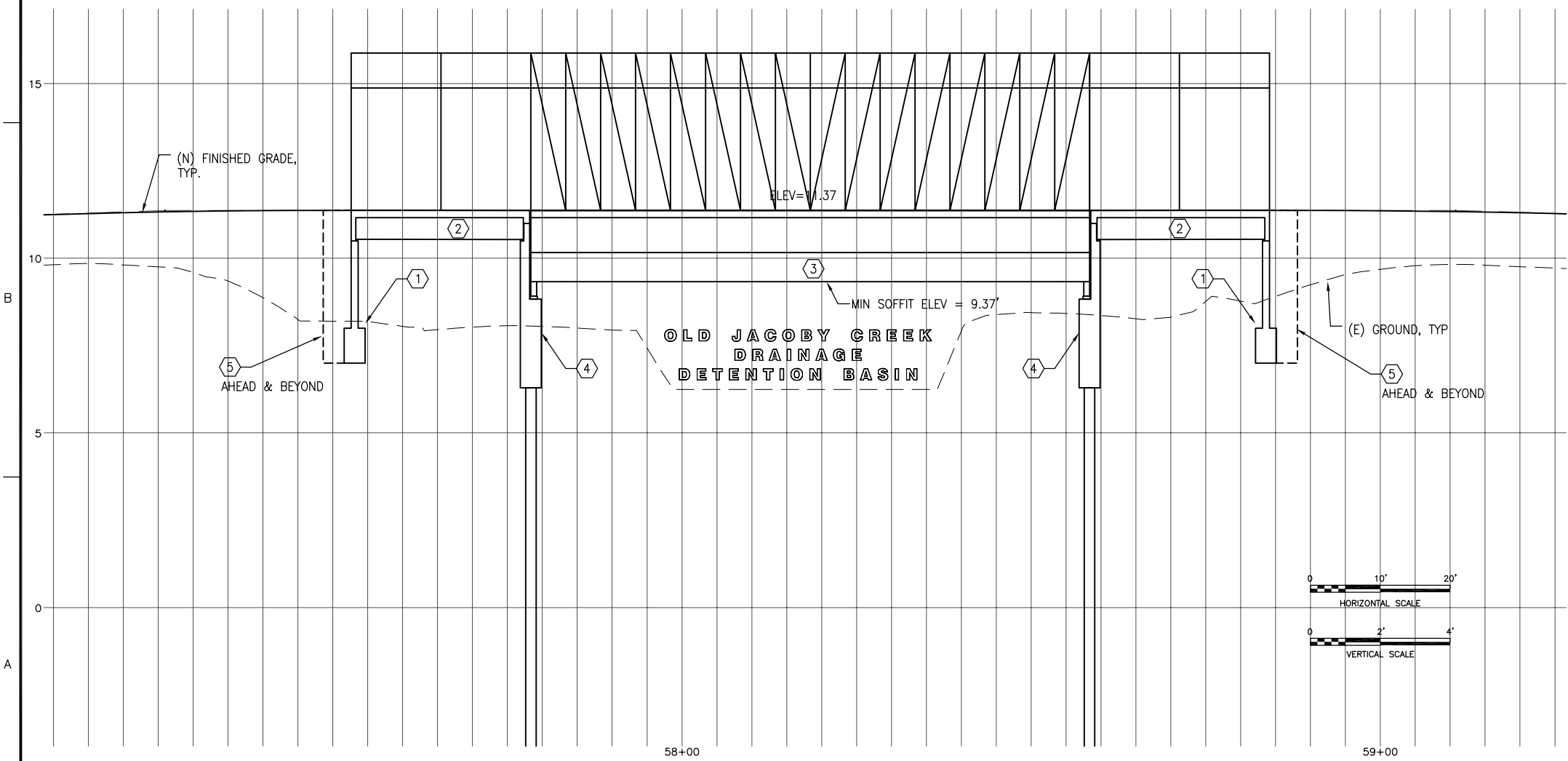
JOB NUMBER  
01051-09-004  
SHEET 63 OF 73

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**BRIDGE SITE PLAN**  
SCALE: SEE SCALE BAR



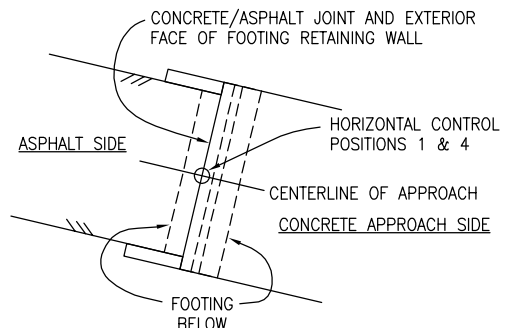
**BRIDGE PROFILE**  
SCALE: SEE SCALE BAR

**NOTES:**  
1. DIMENSIONS SHOWN ARE TYPICAL. APPROACH SPANS AND FOOTINGS ARE SYMMETRICAL ABOUT CENTER LINE OF TRAIL.

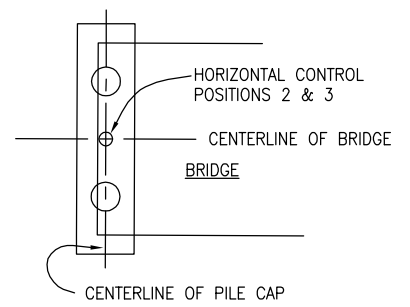
**LOCATIONS:**

NUMBER	DESCRIPTION	NORTHING	EASTING
①	CL OF APPROACH (SEE FOOTING DIAGRAM)	2196227.07	5985611.48
②	CL OF BRIDGE (SEE PILE CAP DIAGRAM)	2196250.77	5985617.61
③	CL OF BRIDGE (SEE PILE CAP DIAGRAM)	2196330.73	5985620.14
④	CL OF APPROACH (SEE FOOTING DIAGRAM)	2196354.77	5985615.51

- KEYNOTES:**
- ① (N) CAST-IN-PLACE CONC RETAINING FTG PER DETAIL TYPIS-8.0
  - ② (N) PRECAST CONC BRIDGE DECKS W/ PEDESTRIAN GUARDRAILS AND CONCRETE OVERLAY, TYP TYPIS-8.1
  - ③ (N) PRE-MANUFACTURED 80 FT LONG BY 10 FT WIDE FIBERGLASS BRIDGE W/ PEDESTRIAN GUARDRAILS AND TIMBER DECKING TYPIS-8.1
  - ④ (N) CAST-IN-PLACE PILE CAP ON PRECAST DRIVEN PILES PER TYPIS-8.0
  - ⑤ (N) CAST-IN-PLACE WING WALL PER DETAIL TYPIS-8.1



**TYPICAL APPROACH FOOTING DIAGRAM**  
SCALE: NTS



**TYPICAL PILE CAP DIAGRAM**  
SCALE: NTS

**NOTE:**  
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DRAWING SCALE  
AS NOTED

REGISTERED PROFESSIONAL ENGINEER  
N. P. PEACOCK  
SINCE 1984  
STRUCTURAL  
STATE OF CALIF.

CITY OF ARCATA

RAIL WITH TRAIL  
CONNECTIVITY PROJECT

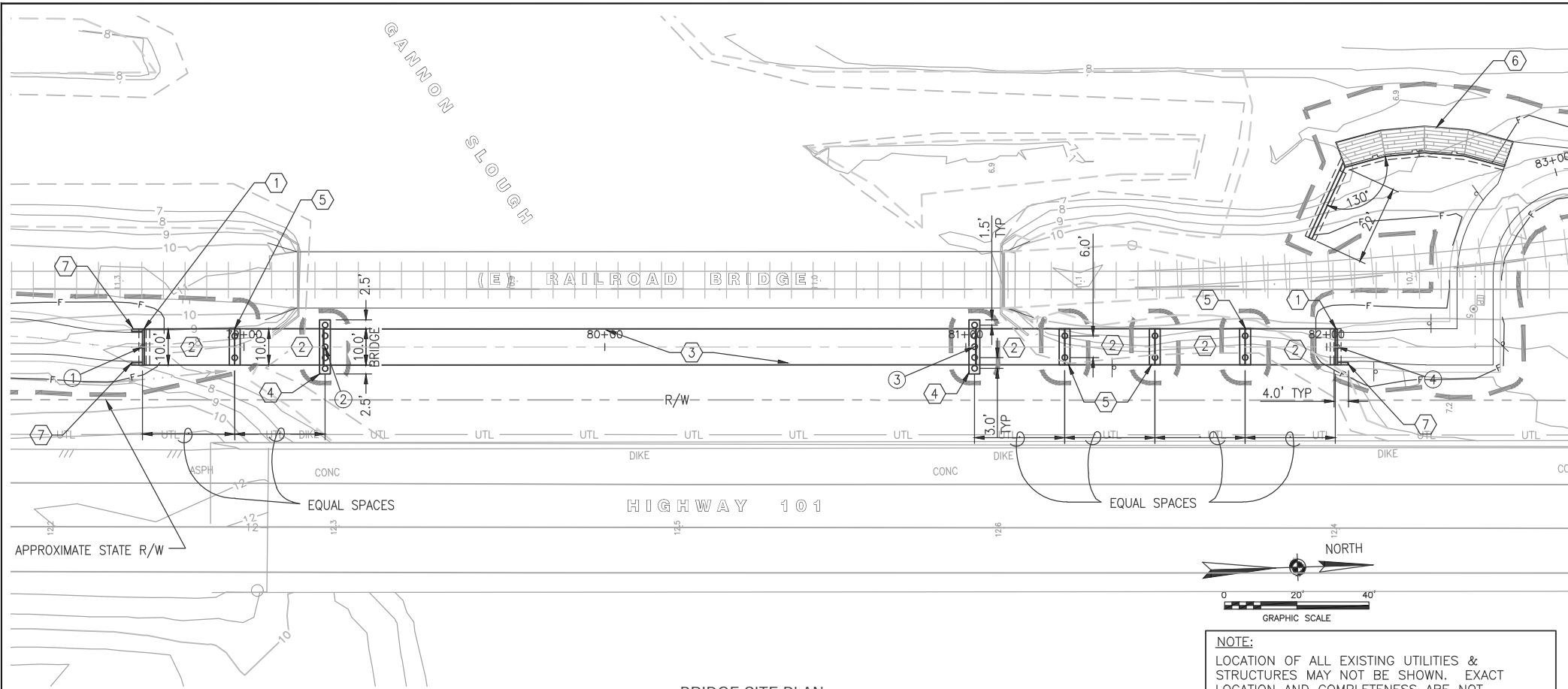
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OLD JACOBY CREEK CROSSING  
SITE PLAN & PROFILE

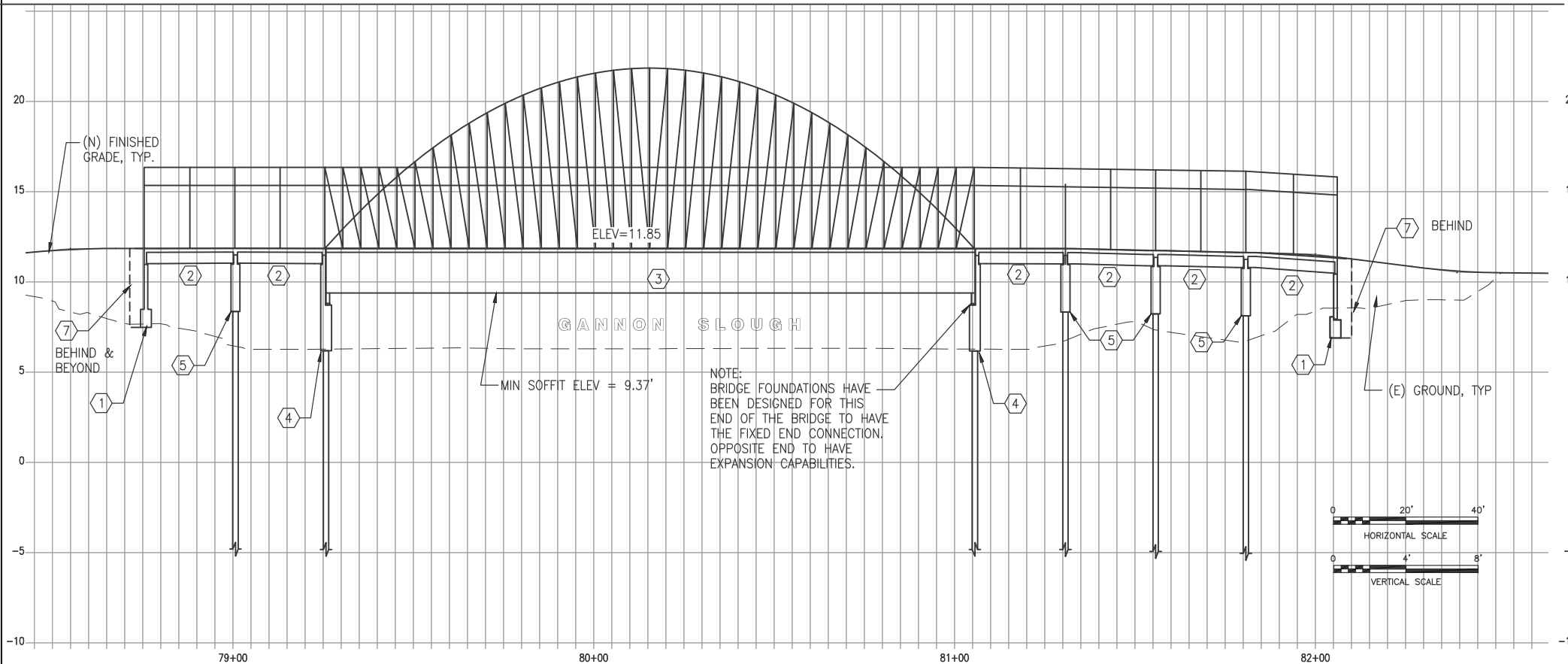
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01051-09-004

SHEET 64 OF 73

S-3.0



BRIDGE SITE PLAN  
SCALE: SEE SCALE BAR



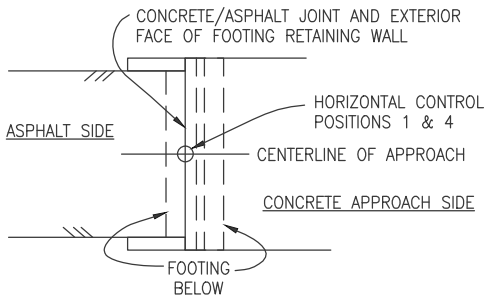
BRIDGE PROFILE  
SCALE: SEE SCALE BAR

NOTES:  
1. DIMENSIONS SHOWN ARE TYPICAL. APPROACH SPANS & FOOTINGS ARE SYMMETRICAL ABOUT CENTER LINE OF TRAIL.

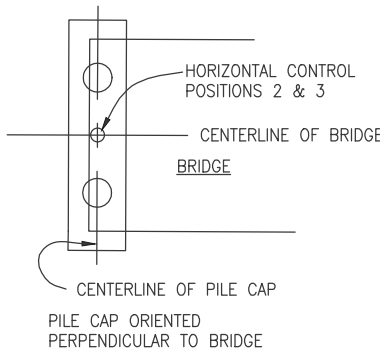
LOCATIONS:		NORTHING	EASTING
①	CL OF APPROACH (SEE FOOTING DIAGRAM)	2198340.08	5985673.94
②	CL OF BRIDGE (SEE PILE CAP DIAGRAM)	2198390.64	5985675.53
③	CL OF BRIDGE (SEE PILE CAP DIAGRAM)	2198570.55	5985681.14
④	CL OF APPROACH (SEE FOOTING DIAGRAM)	2198671.09	5985684.28

KEYNOTES:

- ① (N) CAST-IN-PLACE CONC RETAINING FTG PER DETAIL 1 TYP S-8.0
- ② (N) PRECAST CONC BRIDGE DECKS W/ PEDESTRIAN GUARDRAILS AND CONCRETE OVERLAY, TYP 2 TYP S-8.1
- ③ (N) PRE-MANUFACTURED 180 FT LONG BY 10 FT WIDE STEEL BRIDGE W/ PEDESTRIAN GUARDRAILS AND AC SURFACE 1 TYP S-8.1
- ④ (N) CAST-IN-PLACE PILE CAP ON PRECAST DRIVEN PILES PER 3 TYP S-8.0
- ⑤ (N) CAST-IN-PLACE PILE CAP ON PRECAST DRIVEN PILES PER 2 TYP S-8.0
- ⑥ (N) GANNON SLOUGH OVERLOOK PER S-4.0 S-8.2 1 TYP S-8.2
- ⑦ (N) CAST-IN-PLACE WING WALL PER DETAIL 5 TYP S-8.1
- ⑧ (N) CAST-IN-PLACE FOOTING SIMILAR TO DETAIL 3 TYP S-8.2 EXCEPT DECK NOTCH 3 TYP S-8.2



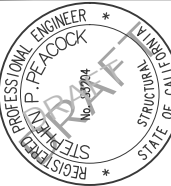
TYPICAL APPROACH FOOTING DIAGRAM  
SCALE: NTS



TYPICAL PILE CAP DIAGRAM  
SCALE: NTS



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CITY OF ARCATA  
HUMBOLDT BAY TRAIL NORTH

STRUCTURAL  
GANNON SLOUGH BRIDGE  
SITE PLAN & PROFILE

PROJ NO: 8411982  
DRWN: SOG CHKD: SPP

S-4.0

SHEET 49 OF 54