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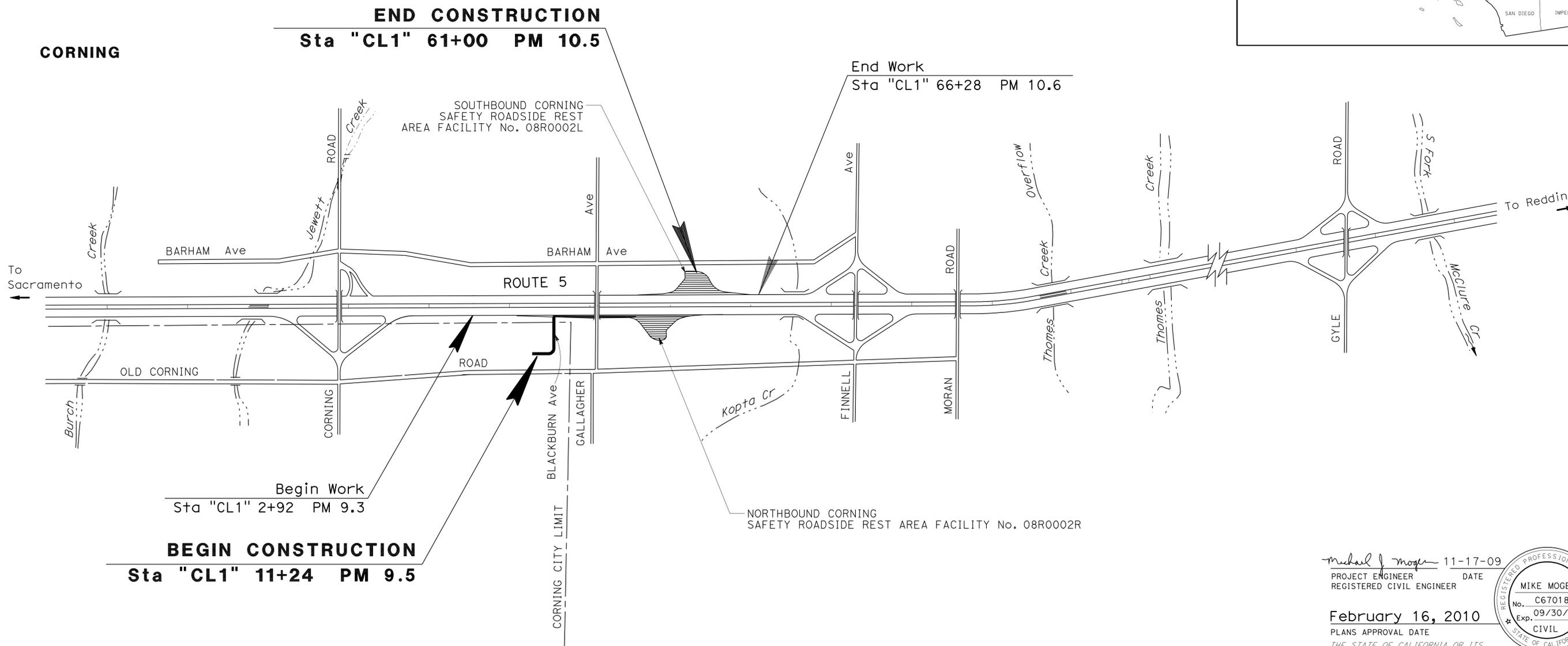
THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR BUILDING CONSTRUCTION ON
STATE HIGHWAY
IN TEHAMA COUNTY IN AND NEAR CORNING
FROM 0.5 MILE SOUTH OF GALLAGHER OVERCROSSING
TO AND AT CORNING SAFETY ROADSIDE REST AREA

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	1	59



PROJECT MANAGER
ERIC AKANA
DESIGN ENGINEER
JULIE CASEY

Michael J. Mogen 11-17-09
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER



February 16, 2010
PLANS APPROVAL DATE

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

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

NO SCALE

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN
 FUNCTIONAL SUPERVISOR: JULIE CASEY
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 MIKE MOGEN
 MICHAEL WEBB
 REVISED BY: [blank]
 DATE REVISED: [blank]

NOTES:

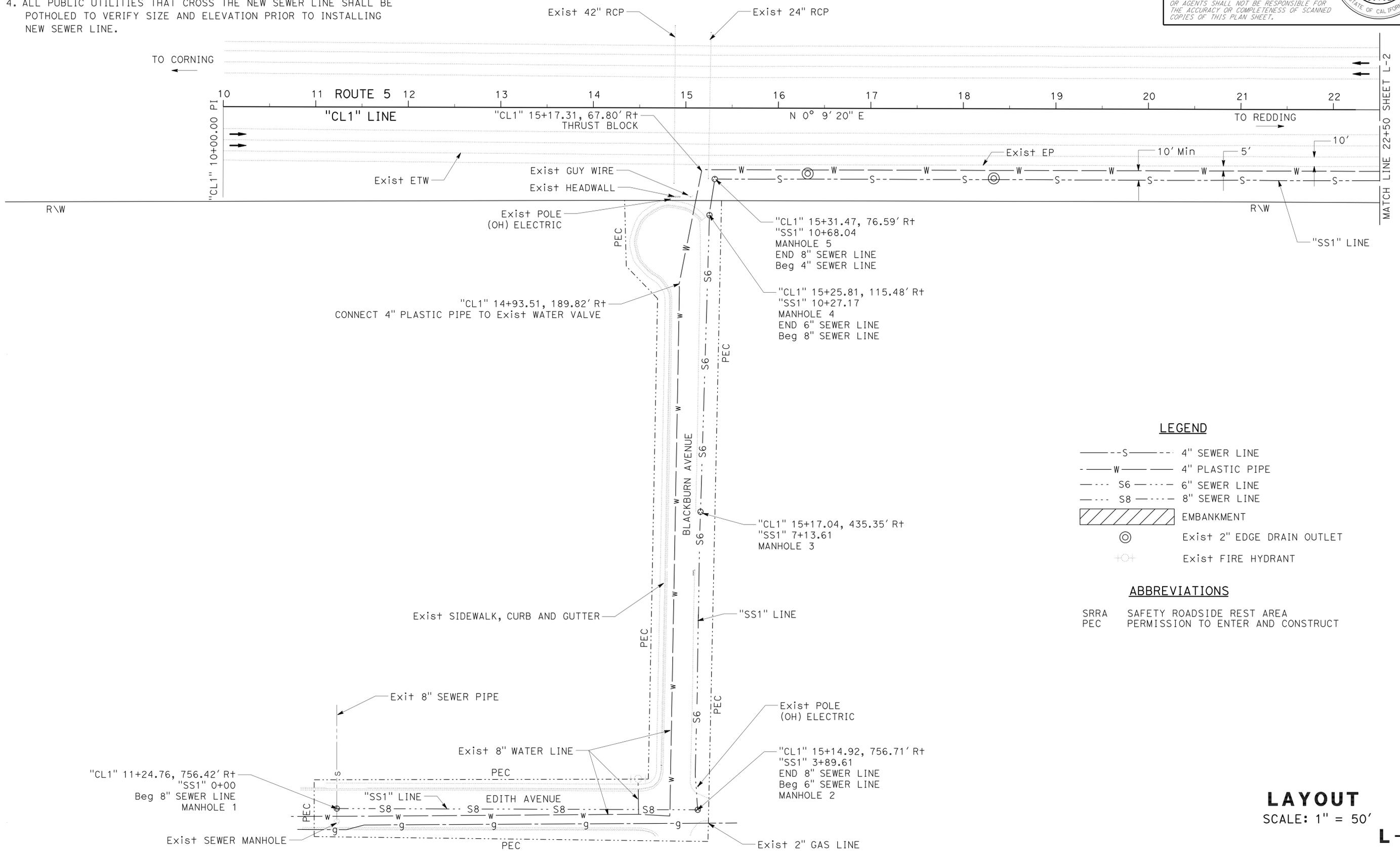
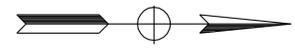
- FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.
- Exist 2" EDGE DRAIN OUTLETS ARE SOLID PLASTIC PIPE 0.5' BELOW OG.
- ALL WORK WITHIN CITY OF CORNING R\W SHALL BE IN ACCORDANCE WITH CITY OF CORNING STANDARD DETAILS.
- ALL PUBLIC UTILITIES THAT CROSS THE NEW SEWER LINE SHALL BE POTHOLED TO VERIFY SIZE AND ELEVATION PRIOR TO INSTALLING NEW SEWER LINE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	2	59

Michael J. Mogen 11-17-09
 REGISTERED CIVIL ENGINEER DATE
 2-16-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MIKE MOGEN
 No. C67018
 Exp. 09/30/10
 CIVIL
 STATE OF CALIFORNIA

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LEGEND

- S--- 4" SEWER LINE
- W--- 4" PLASTIC PIPE
- S6--- 6" SEWER LINE
- S8--- 8" SEWER LINE
- [Hatched Box] EMBANKMENT
- ⊙ Exist 2" EDGE DRAIN OUTLET
- ⊕ Exist FIRE HYDRANT

ABBREVIATIONS

- SRRA SAFETY ROADSIDE REST AREA
- PEC PERMISSION TO ENTER AND CONSTRUCT

LAYOUT
SCALE: 1" = 50'

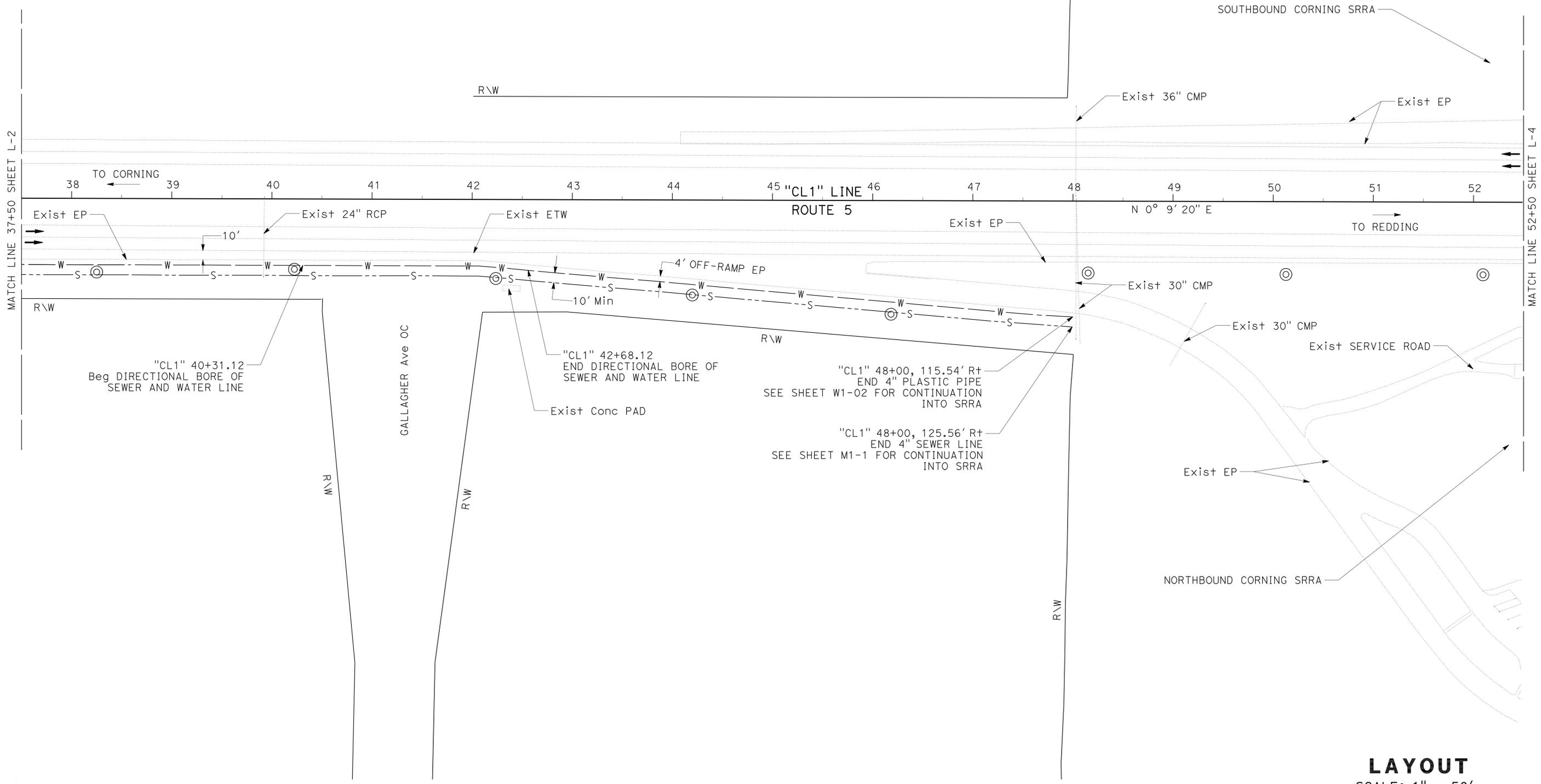
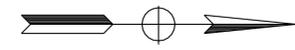
L-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	4	59

<i>Michael J. Mogen</i> REGISTERED CIVIL ENGINEER No. C67018 Exp. 09/30/10 CIVIL	11-17-09 DATE 2-16-10 PLANS APPROVAL DATE
--	--

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 CHECKED BY: MICHAEL WEBB
 REVISOR: MIKE MOGEN
 DATE: 11-17-09

LAYOUT
 SCALE: 1" = 50'
L-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	7	59

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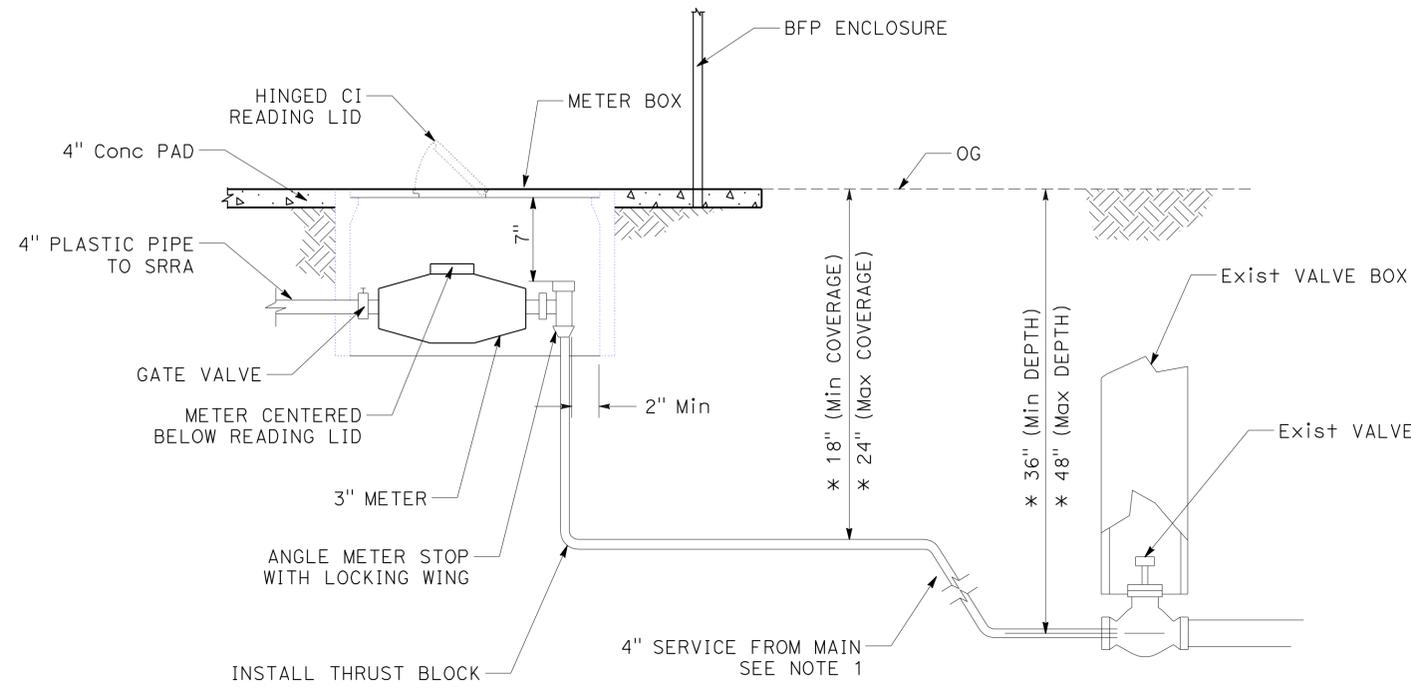
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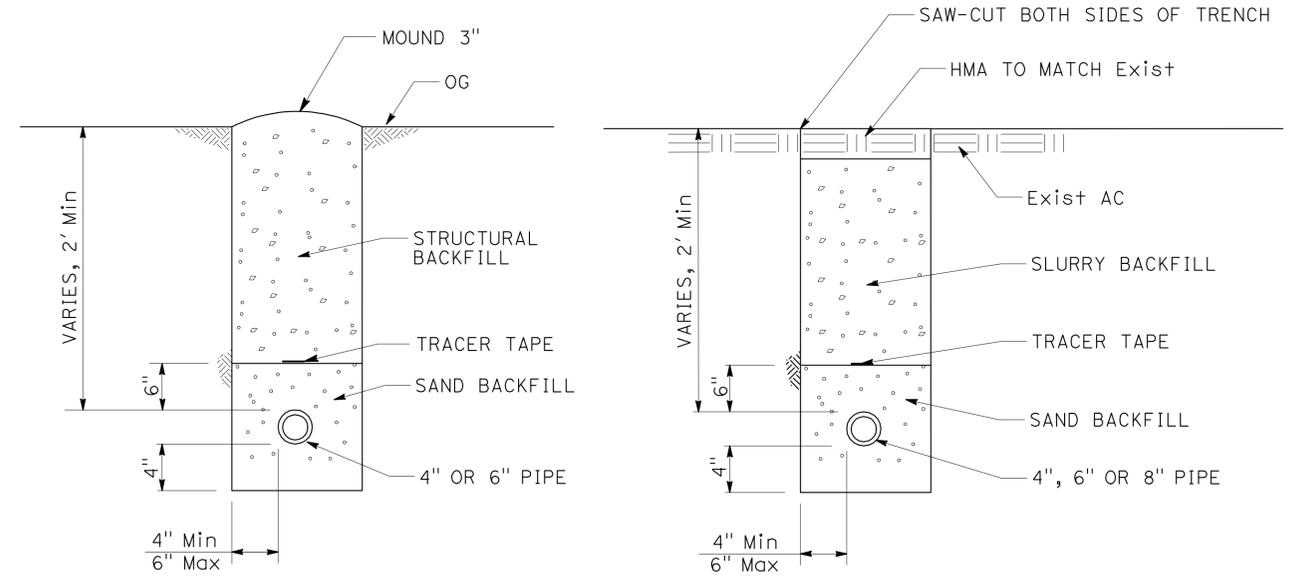
- NOTE:
- ALL SERVICES SHALL HAVE A #10 SHIELDED COPPER TRACER WIRE INSTALLED ON TOP OF SAND BACKFILL.
 - SEE SHEET M3-1 FOR SEWER CLEANOUT DETAILS.

ABBREVIATIONS

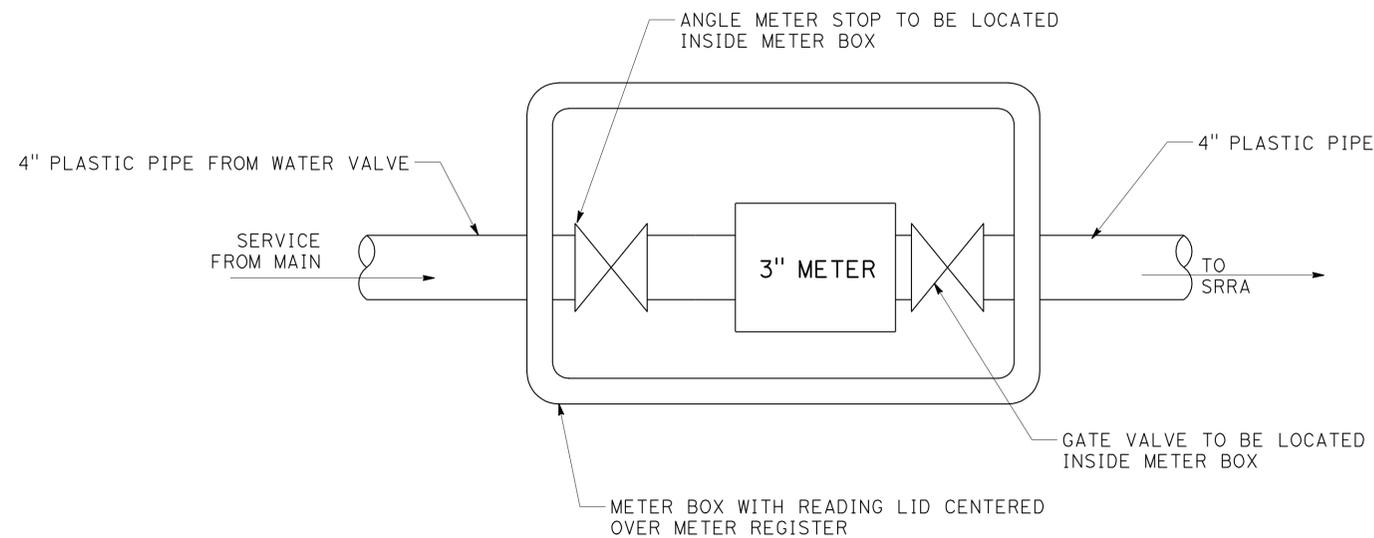
SRRA SAFETY ROADSIDE REST AREA



ELEVATION
TYPICAL SERVICE CONNECTION



TYPICAL PLASTIC PIPE AND SEWER LINE INSTALLATION DETAIL



PLAN
3" WATER METER INSTALLATION

CONSTRUCTION DETAILS
NO SCALE

C-2

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

FUNCTIONAL SUPERVISOR
JULIE CASEY

CALCULATED/DESIGNED BY
CHECKED BY

MIKE MOGEN
MICHAEL WEBB

REVISED BY
DATE REVISED

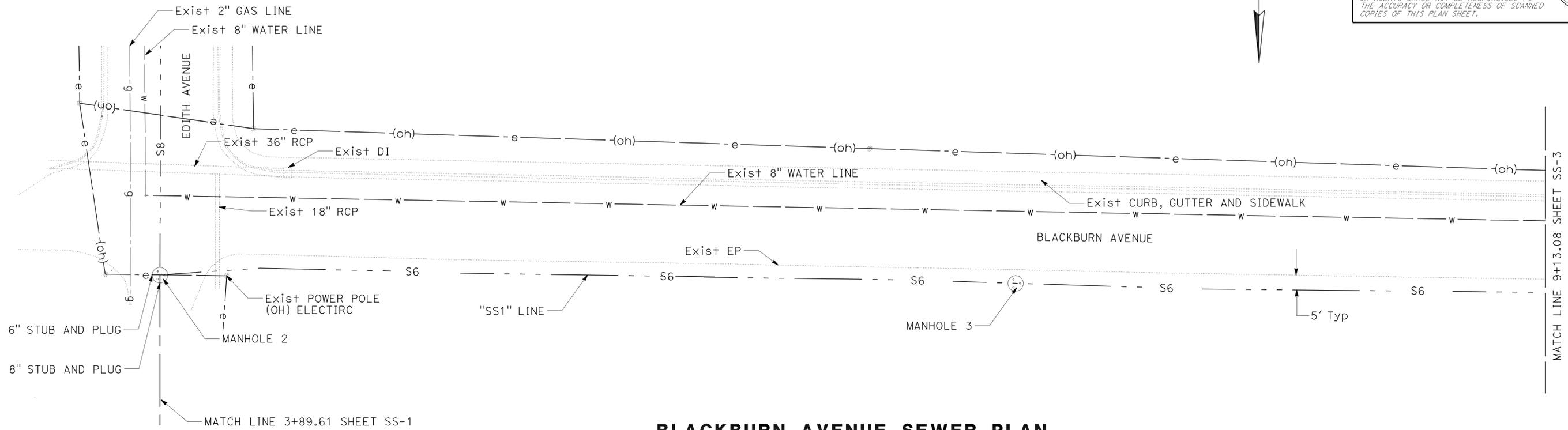
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02	Teh	5	9.5/10.5	9	59

Michael J. Mogen	11-17-09
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2-16-10	
PLANS APPROVAL DATE	

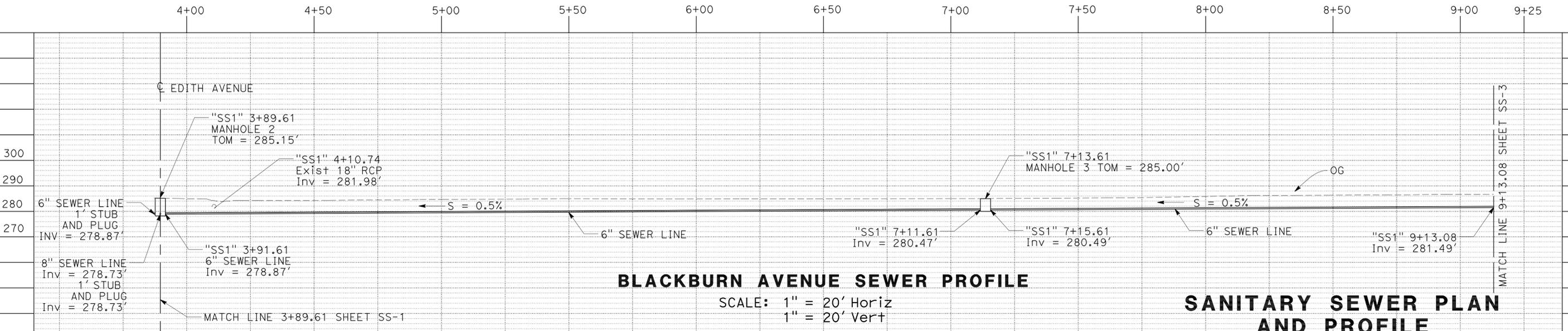
REGISTERED PROFESSIONAL ENGINEER
MIKE MOGEN
No. C67018
Exp. 09/30/10
CIVIL

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- NOTE:
- INSTALL SEWER CLEANOUT EVERY 300' ALONG SEWER LINE ON 1-5 ONLY.
 - ALL WORK WITHIN CITY OF CORNING R/W SHALL BE DONE IN ACCORDANCE WITH CITY OF CORNING DETAILS.



BLACKBURN AVENUE SEWER PLAN
SCALE: 1" = 20'



BLACKBURN AVENUE SEWER PROFILE
SCALE: 1" = 20' Horiz
1" = 20' Vert

SANITARY SEWER PLAN AND PROFILE
SCALE: AS SHOWN
SS-2

THIS PLAN ACCURATE FOR SEWER PLAN AND PROFILE WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 Et caltrans
 FUNCTIONAL SUPERVISOR: JULIE CASEY
 CALCULATED/DESIGNED BY: MIKE MOGEN
 CHECKED BY: MICHAEL WEBB
 REVISIONS: REVISOR: MIKE MOGEN, DATE: 11-17-09
 REVISOR: MICHAEL WEBB, DATE: 11-17-09
 BORDER LAST REVISED 4/11/2008



USERNAME => trlenord
DGN FILE => 20e800ja002.dgn

CU 03 246

EA 0E8001

LAST REVISION: DATE PLOTTED => 12-APR-2010
 TIME PLOTTED => 09:45

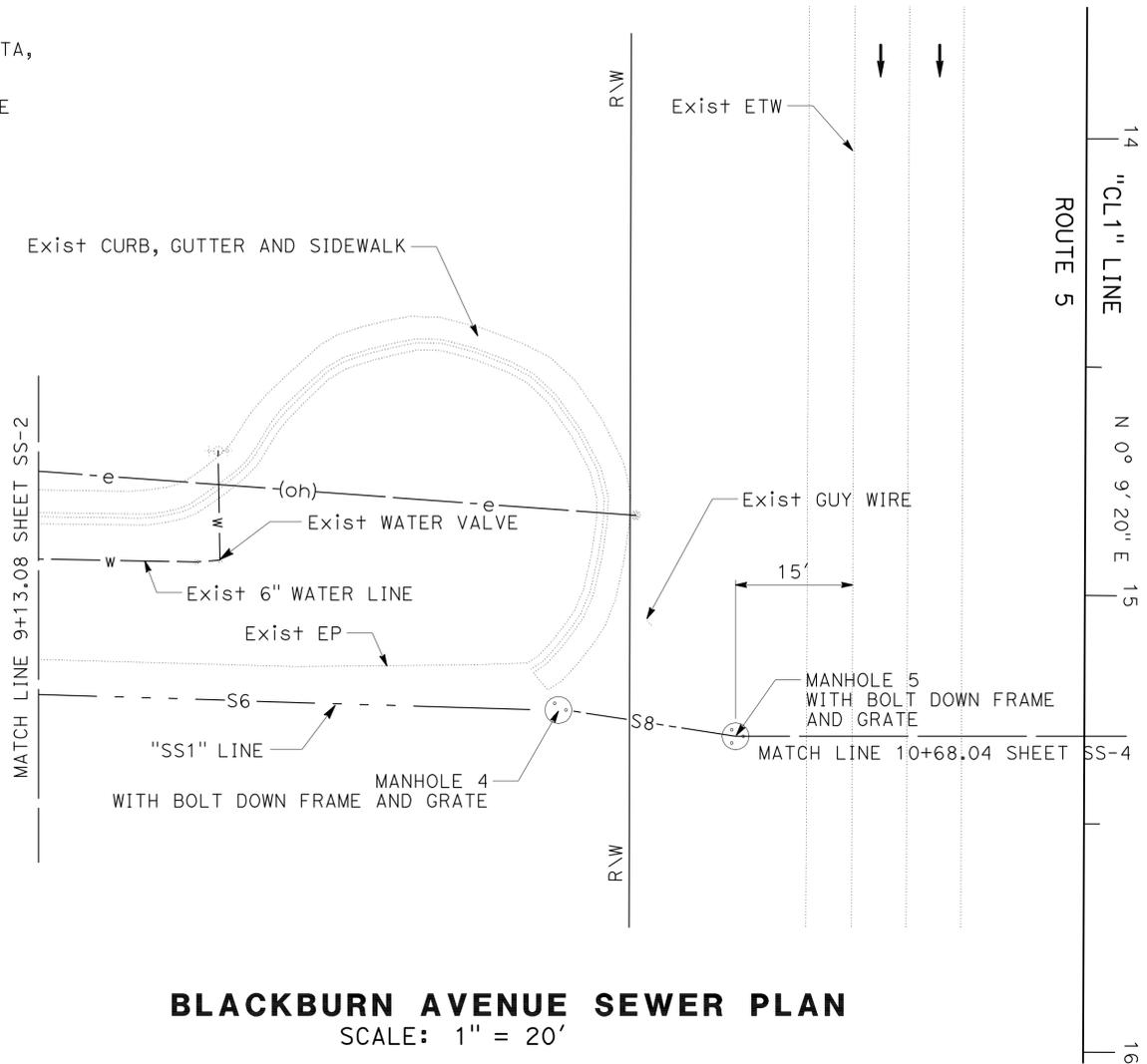
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	10	59

Michael J. Mogen 11-17-09
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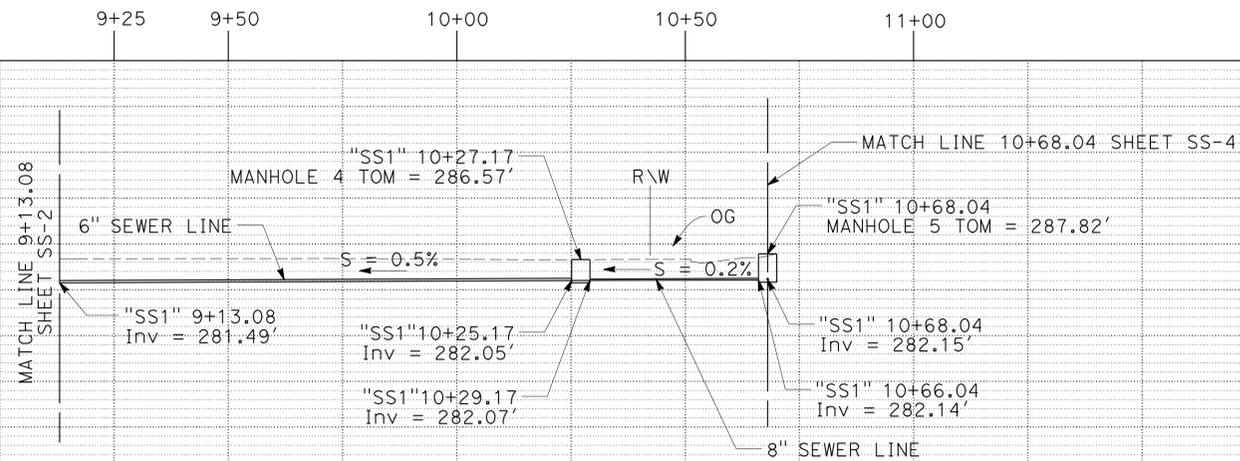
REGISTERED PROFESSIONAL ENGINEER
MIKE MOGEN
 No. C67018
 Exp. 09/30/10
 CIVIL
 STATE OF CALIFORNIA

NOTES:

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BLACKBURN AVENUE SEWER PLAN
SCALE: 1" = 20'



BLACKBURN AVENUE SEWER PROFILE
SCALE: 1" = 20' Horiz
1" = 20' Vert

SANITARY SEWER PLAN AND PROFILE
SCALE: AS SHOWN
SS-3



USERNAME => trlenord
DGN FILE => 20e800ja003.dgn

CU 03 246

EA 0E8001

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 FUNCTIONAL SUPERVISOR: JULIE CASEY
 CALCULATED/DESIGNED BY: MIKE MOGEN
 CHECKED BY: MICHAEL WEBB
 REVISED BY: MIKE MOGEN
 DATE REVISED: MICHAEL WEBB

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	11	59

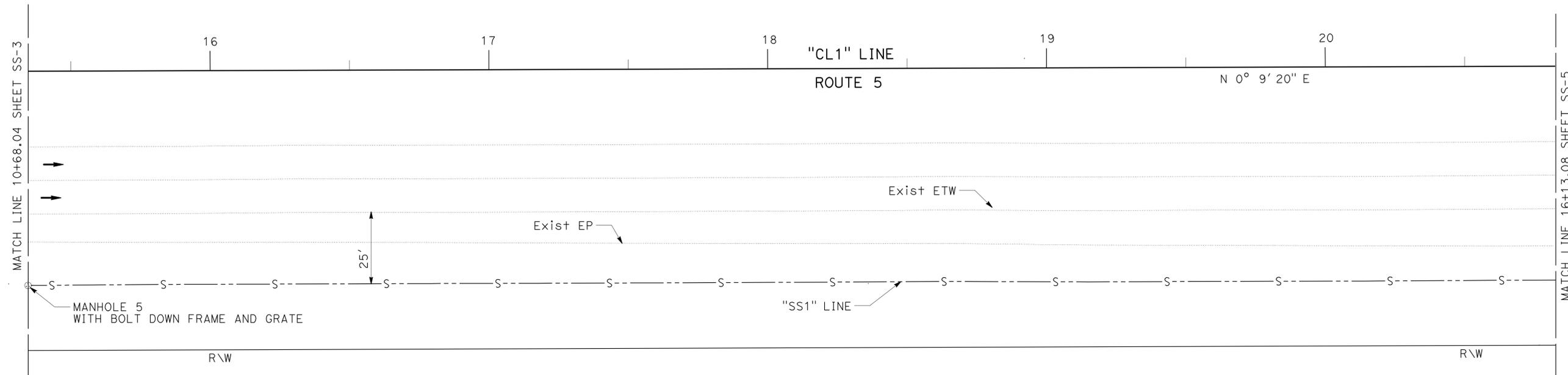
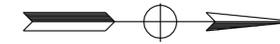
Michael J. Mogen 11-17-09
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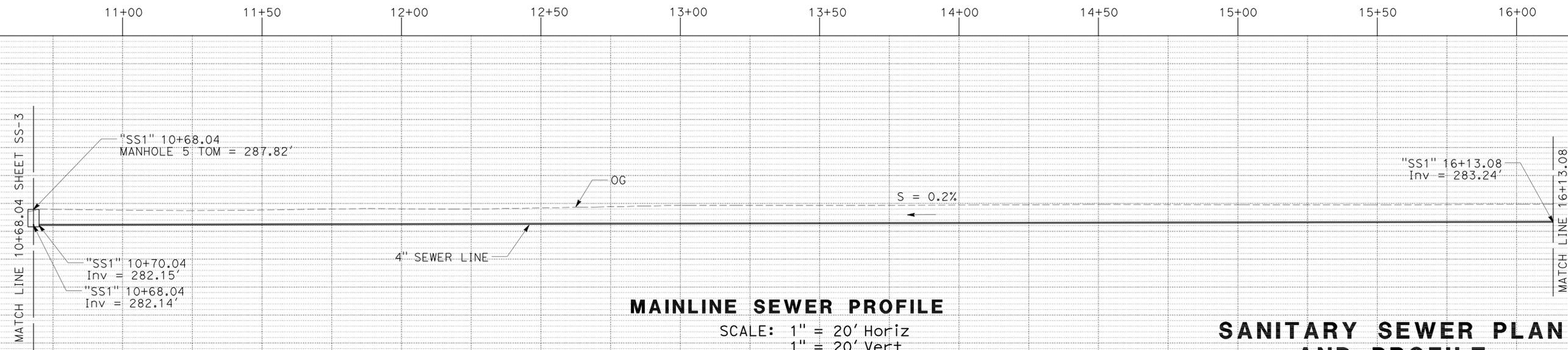
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MAINLINE SEWER PLAN
SCALE: 1" = 20'



MAINLINE SEWER PROFILE
SCALE: 1" = 20' Horiz
1" = 20' Vert

SANITARY SEWER PLAN AND PROFILE
SCALE: AS SHOWN **SS-4**

THIS PLAN ACCURATE FOR SEWER PLAN AND PROFILE WORK ONLY

DESIGNED BY	REVISOR	DATE
MIKE MOGEN		
CHECKED BY	REVISOR	DATE
MICHAEL WEBB		
FUNCTIONAL SUPERVISOR		
JULIE CASEY		

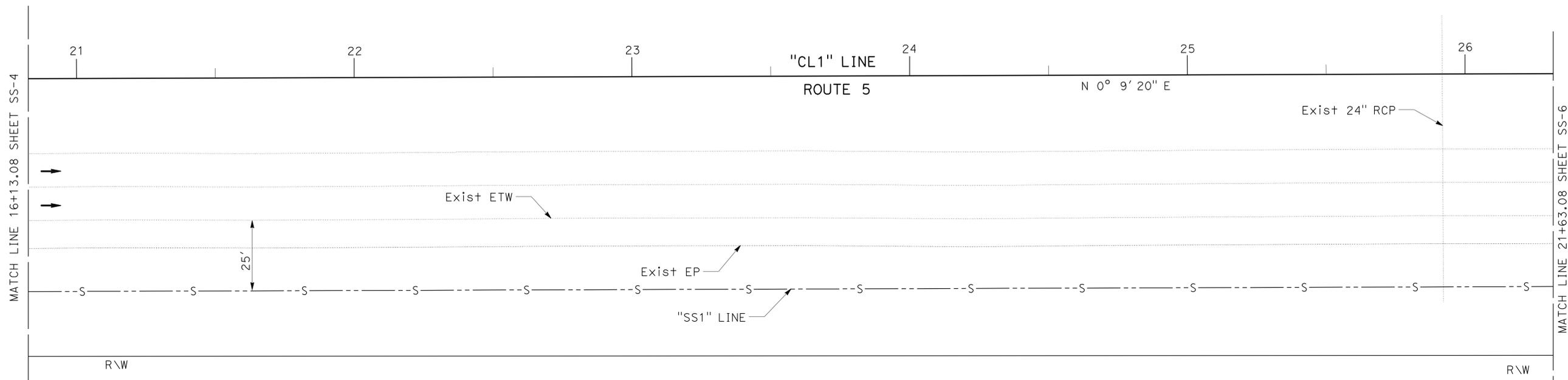
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	12	59

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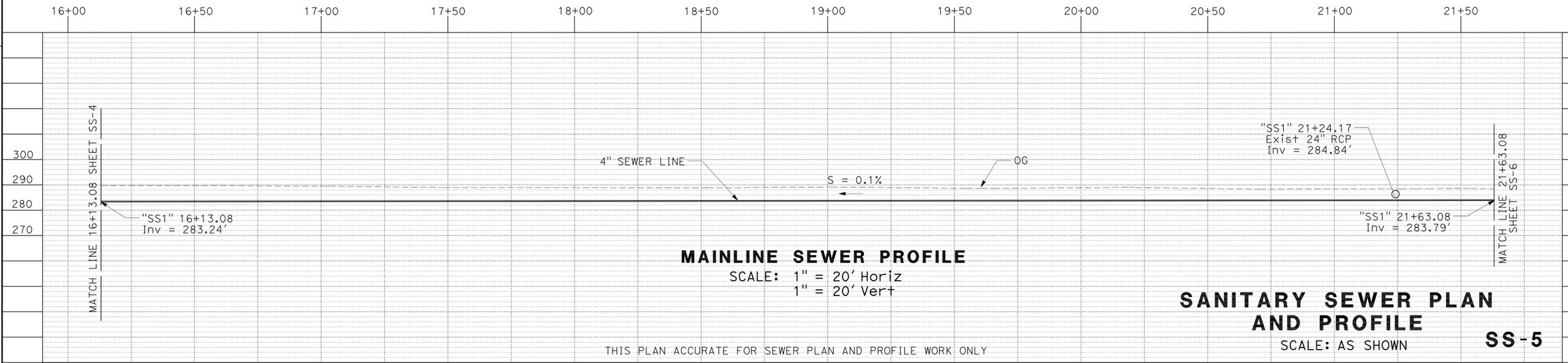
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SCALE: 1" = 20' Horiz
1" = 20' Vert

SANITARY SEWER PLAN AND PROFILE
SCALE: AS SHOWN **SS-5**

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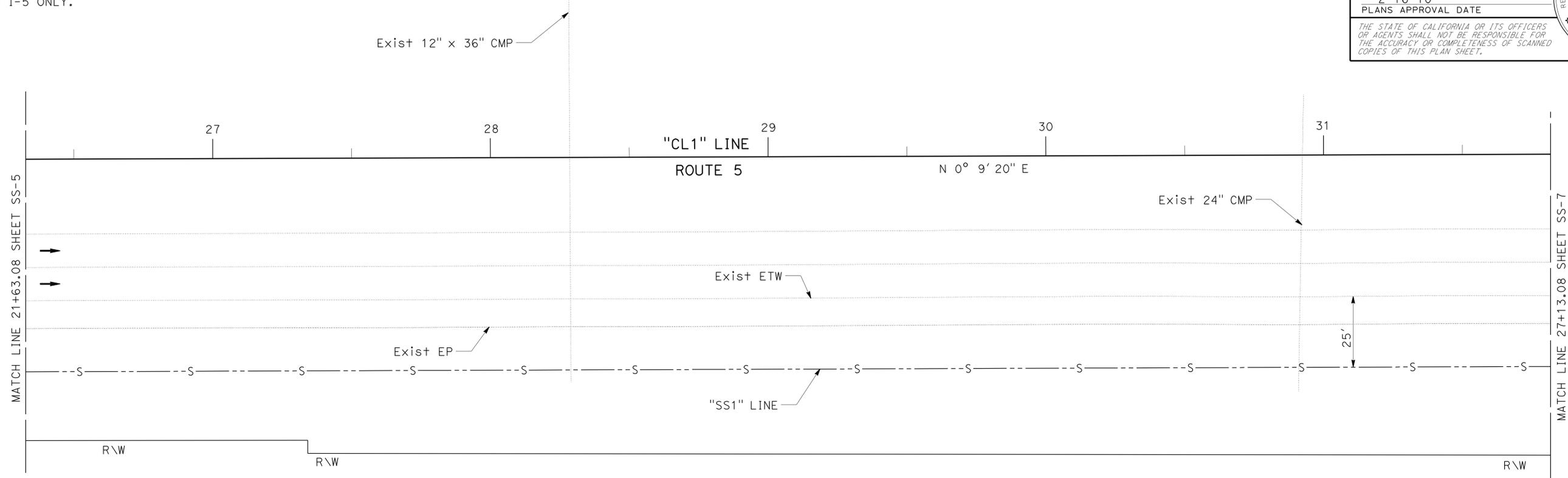
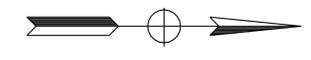
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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 FUNCTIONAL SUPERVISOR
 CHECKED BY
 MICHAEL WEBB
 MIKE MOGEN
 REVISOR BY
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	13	59

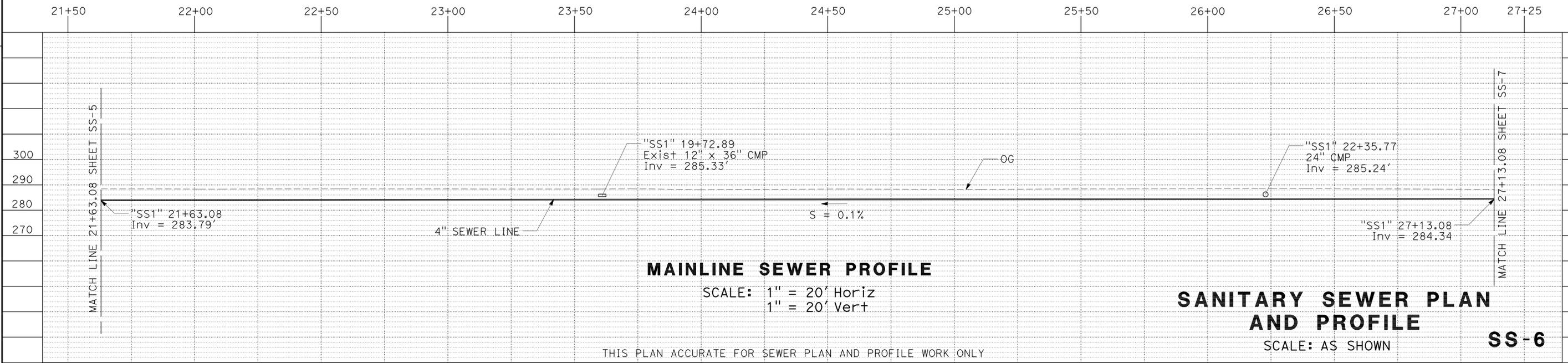
Michael J. Mogen 11-17-09
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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 JULIE CASEY
 CALCULATED/DESIGNED BY
 CHECKED BY
 MIKE MOGEN
 MICHAEL WEBB
 REVISED BY
 DATE REVISED
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LAST REVISION DATE PLOTTED => 12-APR-2010
 11-17-09 TIME PLOTTED => 09:46

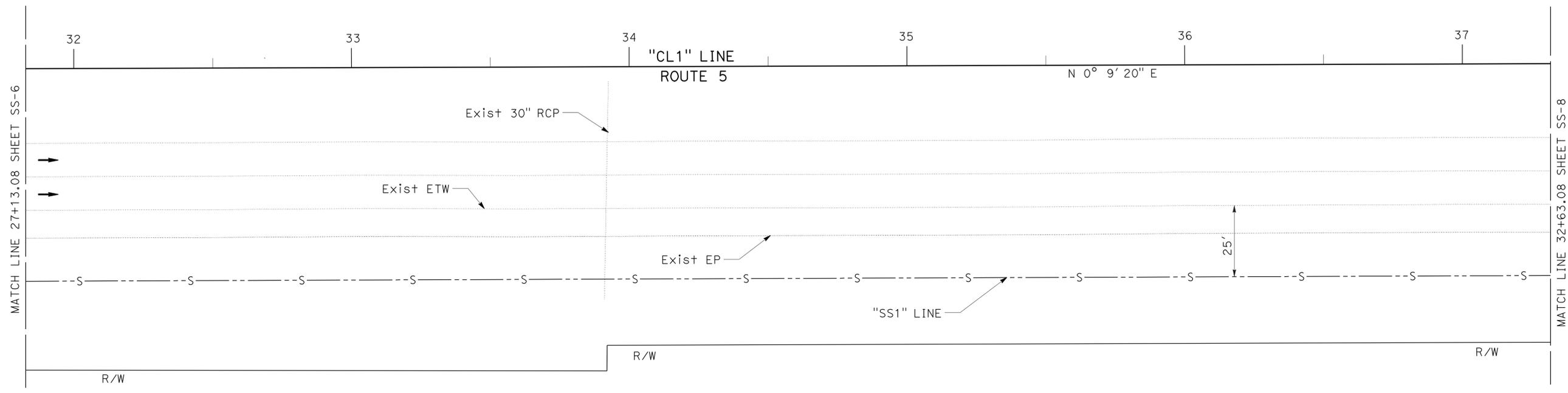
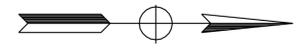
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02	Teh	5	9.5/10.5	14	59

Michael J. Mogen 11-17-09
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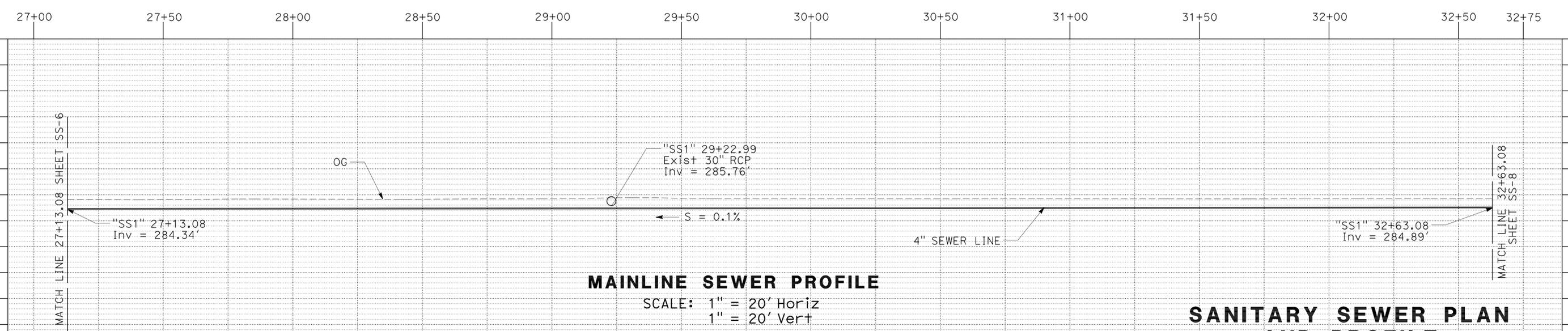
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1" = 20' Vert

SANITARY SEWER PLAN AND PROFILE
SCALE: AS SHOWN **SS-7**

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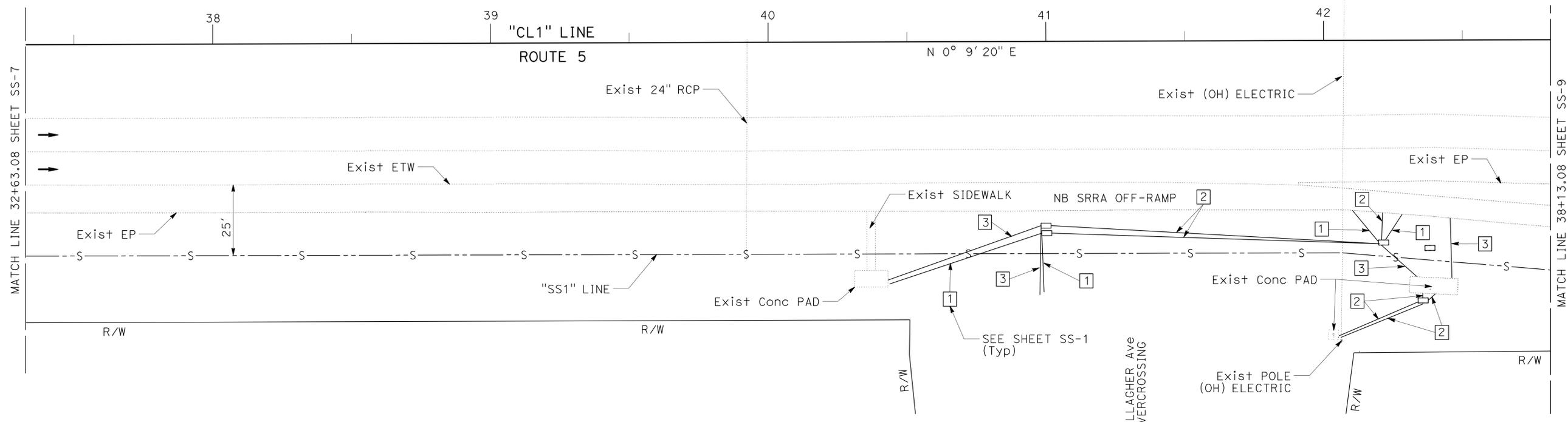
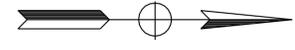
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 FUNCTIONAL SUPERVISOR
 JULIE CASEY
 CALCULATED/DESIGNED BY
 CHECKED BY
 MIKE MOGEN
 MICHAEL WEBB
 REVISOR BY
 DATE REVISOR

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02	Teh	5	9.5/10.5	15	59

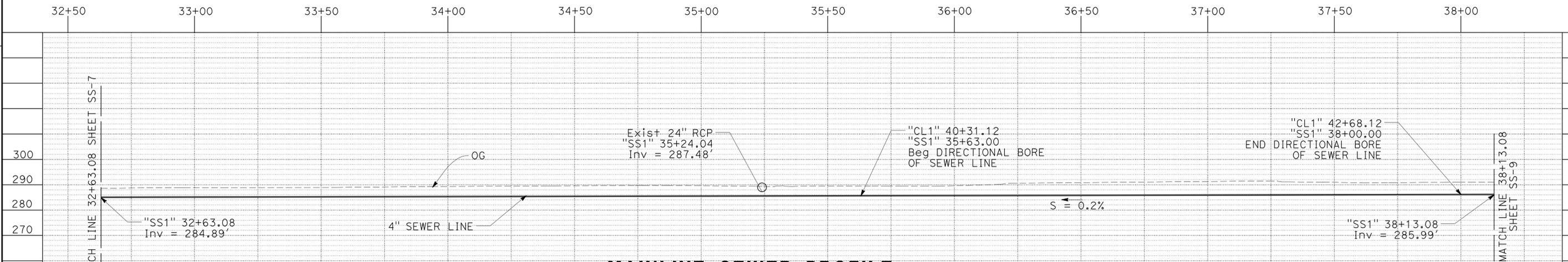
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MAINLINE SEWER PROFILE
SCALE: 1" = 20' Horiz
1" = 20' Vert

SANITARY SEWER PLAN AND PROFILE
SCALE: AS SHOWN **SS-8**

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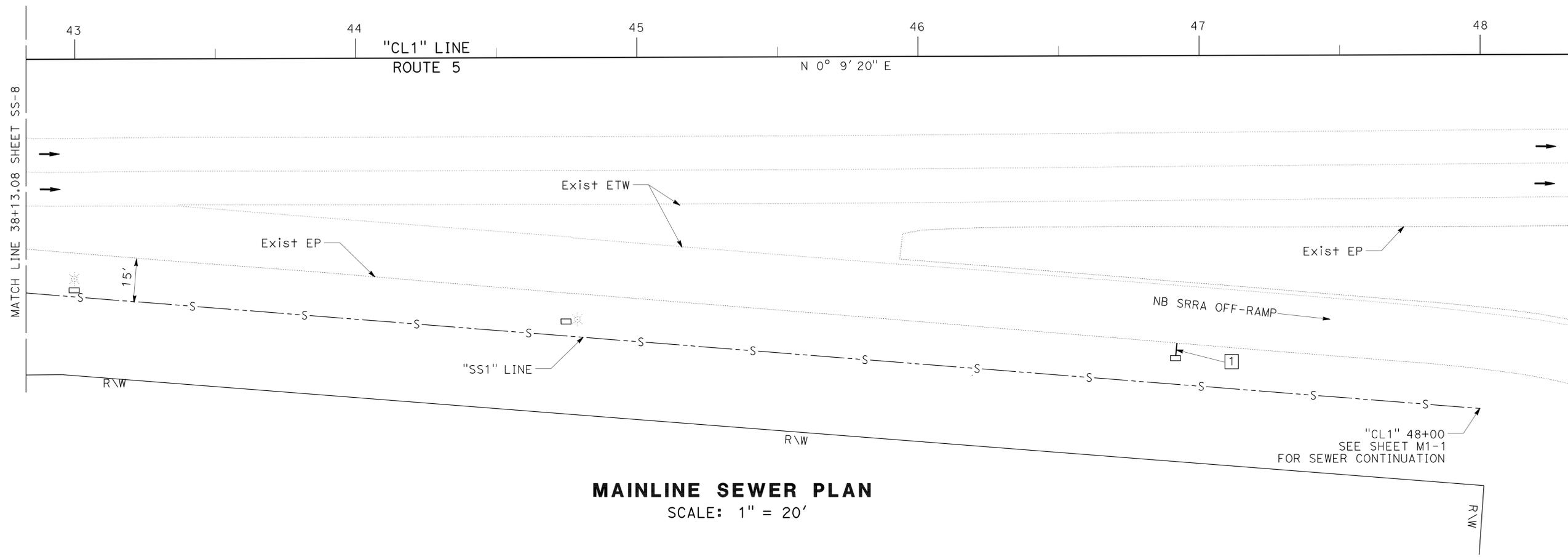
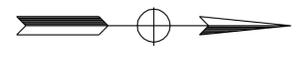
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 Julie Casey
 Functional Supervisor
 Checked By
 Michael Webb
 Mike Mogen
 Revised By
 Date Revised

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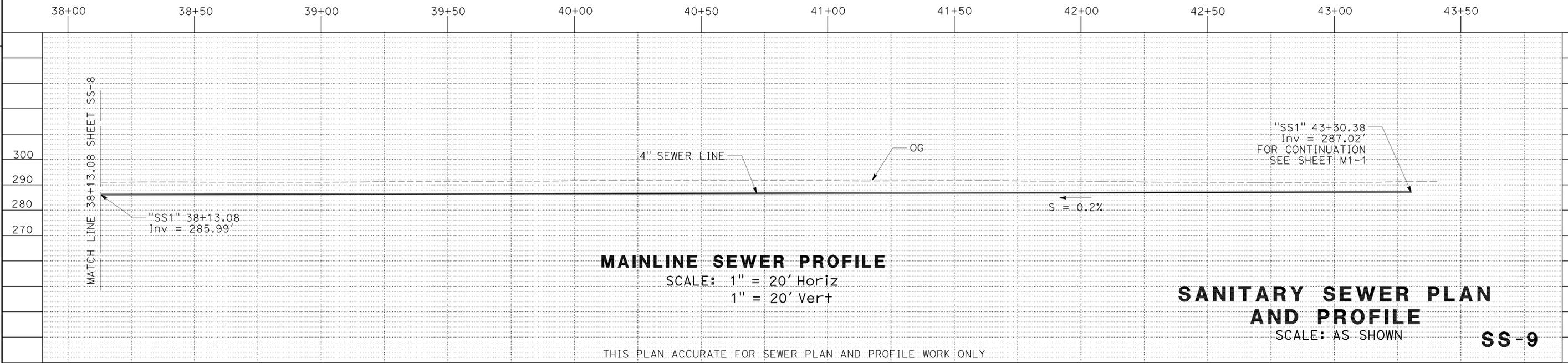
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MAINLINE SEWER PROFILE
SCALE: 1" = 20' Horiz
1" = 20' Vert

SANITARY SEWER PLAN AND PROFILE
SCALE: AS SHOWN
SS-9

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 Julie Casey
 Functional Supervisor
 Checked by
 Michael Webb
 Mike Mogen
 Revised by
 Date Revised

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	18	59

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 MIKE MOGEN
 No. C67018
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 CIVIL
 STATE OF CALIFORNIA

NOTE:

1. EXACT LOCATION OF SIGNS TO BE DETERMINED BY THE ENGINEER.

ABBREVIATIONS

SRRA SAFETY ROADSIDE REST AREA

EXISTING CENUS LOOPS

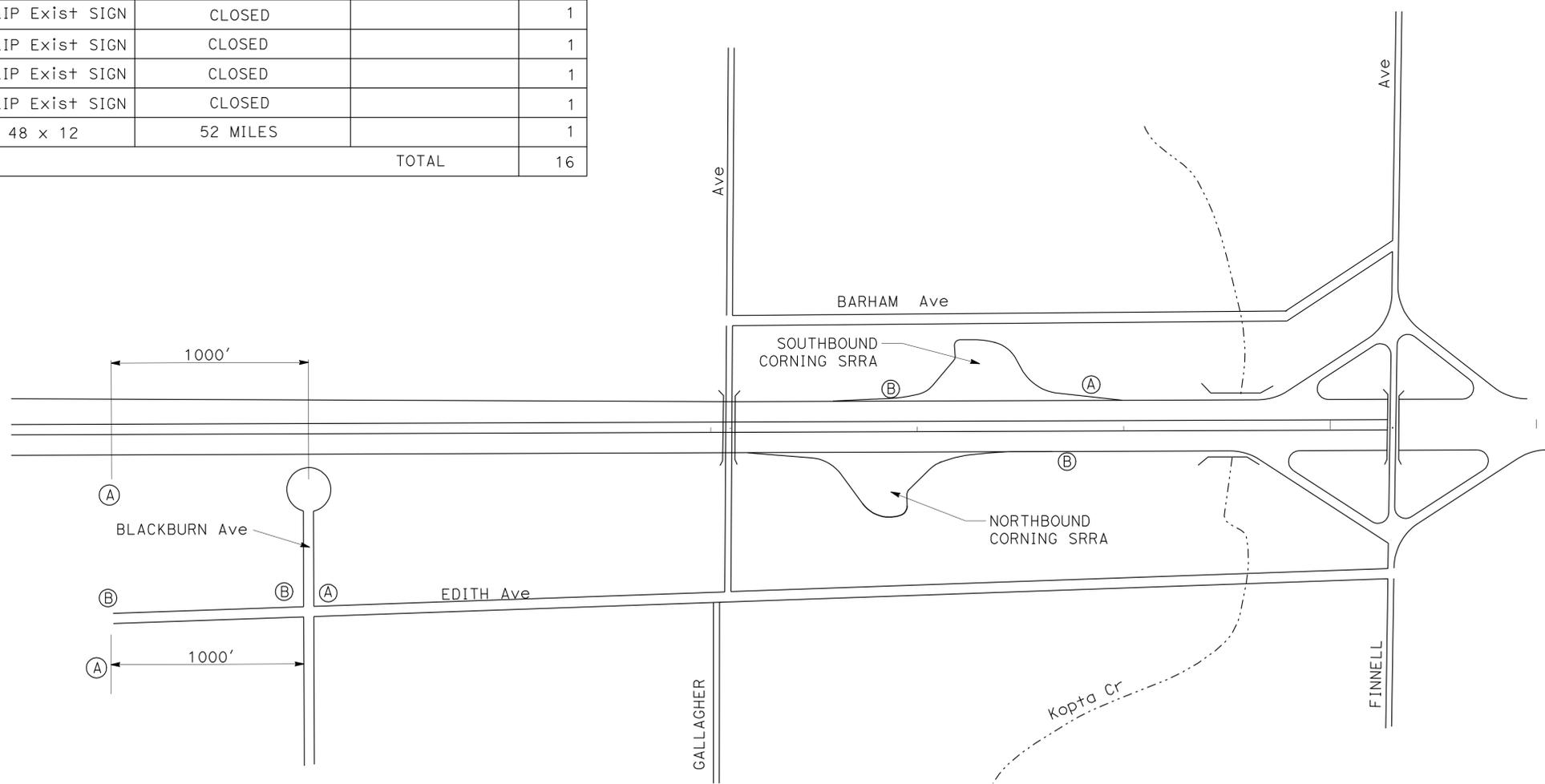
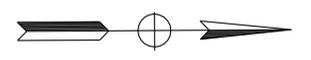
ID	ACTUAL LOCATION	TYPE	DESCRIPTION
No. 271	PM R9.99	TREND	108' NORTH OF GALLAGER Ave OC (4 LOOPS AND 8 PIEZOS)
No. RA1	PM R10.06	SRRA	AT NB SRRA IN OFF-RAMP GORE

CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)

SYMBOL	CODE	PANEL SIZE (In)	SIGN MESSAGE	No. AND SIZE OF POSTS	No. OF SIGNS
Ⓐ	W20-1	36 x 36	ROAD WORK AHEAD	1-4" x 4"	4
Ⓑ	G20-2	48 x 12	END ROAD WORK	1-4" x 4"	4
①	SPECIAL	48 x 12	48 MILES		1
②	SPECIAL	FLIP Exist SIGN	CLOSED		1
③	SPECIAL	FLIP Exist SIGN	CLOSED		1
④	SPECIAL	FLIP Exist SIGN	CLOSED		1
⑤	SPECIAL	FLIP Exist SIGN	CLOSED		1
⑥	SPECIAL	FLIP Exist SIGN	CLOSED		1
⑦	SPECIAL	FLIP Exist SIGN	CLOSED		1
⑧	SPECIAL	48 x 12	52 MILES		1
TOTAL					16

EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS

TYPE	ACTUAL LOCATION	DESCRIPTION
HAR FLASHER	PM R9.91	IN MEDIAN FOR NB TRAFFICE
HAR FLASHER	PM R10.02	IN MEDIAN FOR SB TRAFFIC
HAR	PM R10.12	WITHIN NB SRRA FACILITY (IN SE QUAD OF FACILITY)



CONSTRUCTION AREA SIGNS

CONSTRUCTION AREA SIGNS

NO SCALE

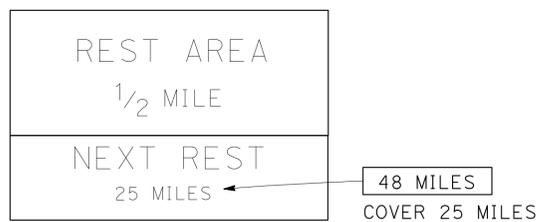
CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 CALTRANS

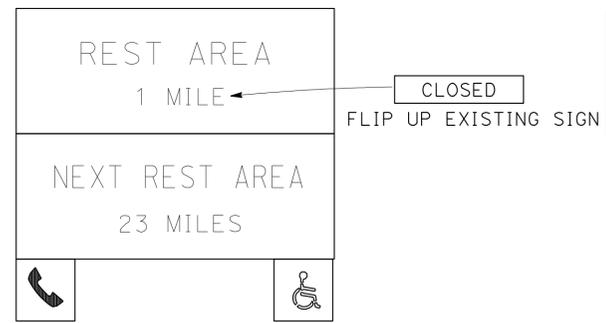
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	19	59

Michael J. Mogen 11-17-09
 REGISTERED CIVIL ENGINEER DATE
 2-16-10
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

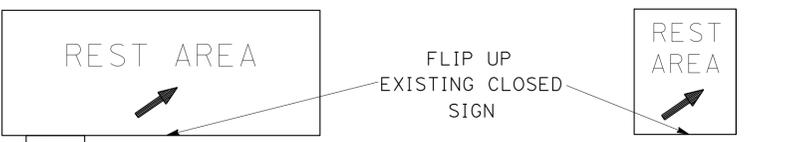
REGISTERED PROFESSIONAL ENGINEER
 MIKE MOGEN
 No. C67018
 Exp. 09/30/10
 CIVIL
 STATE OF CALIFORNIA



SIGN No. ①
 NB 5
 PM 13.86
 GLENN COUNTY



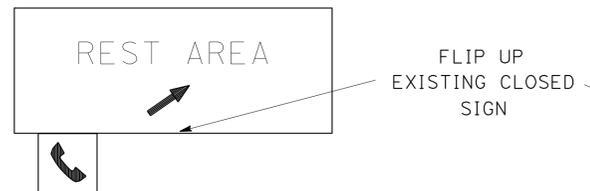
SIGN No. ②
 NB 5
 PM 8.94
 TEHAMA COUNTY



SIGN No. ③
 NB 5
 PM 9.95
 TEHAMA COUNTY



SIGN No. ④
 NB 5
 PM 10.05
 TEHAMA COUNTY



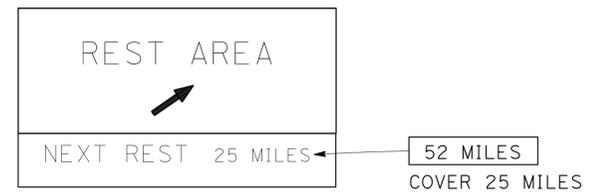
SIGN No. ⑥
 SB 5
 PM 10.59
 TEHAMA COUNTY



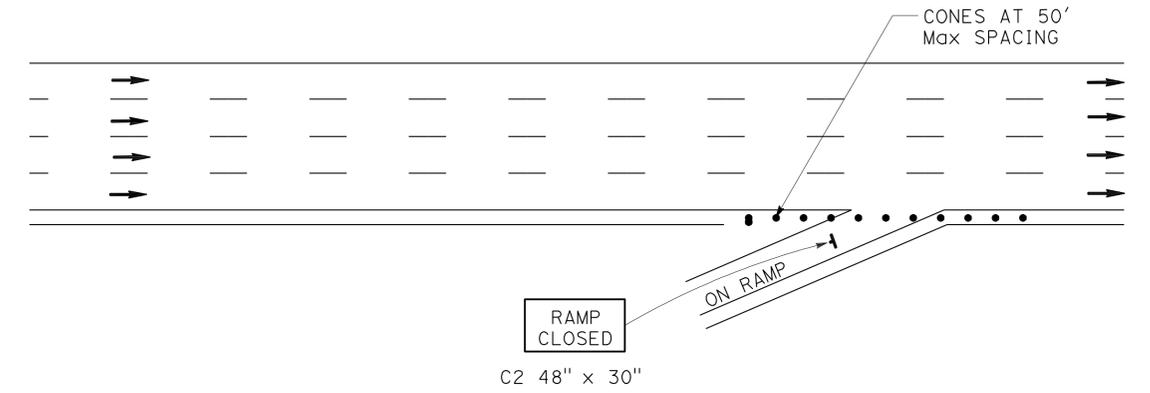
SIGN No. ⑤
 SB 5
 PM 10.51
 TEHAMA COUNTY



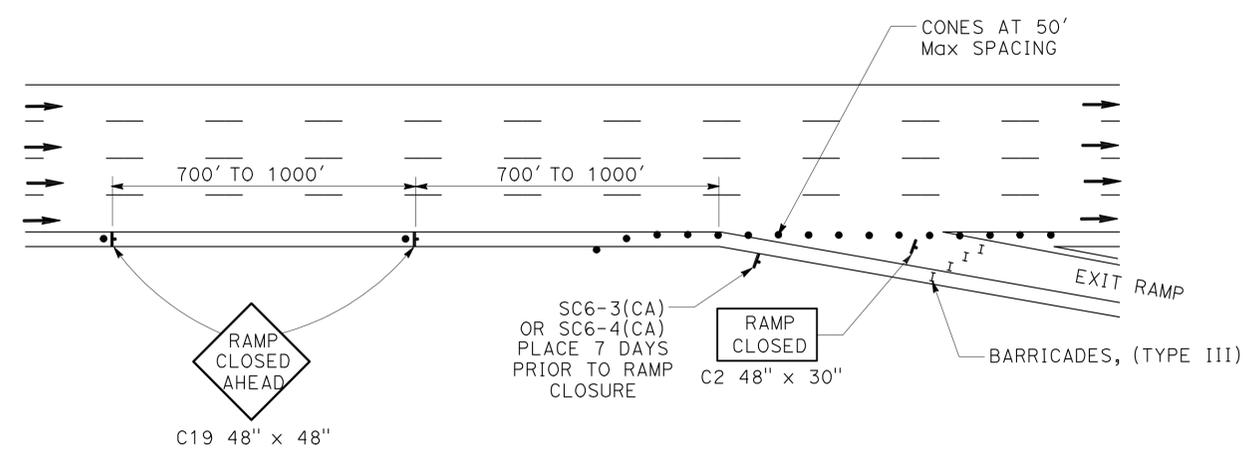
SIGN No. ⑦
 SB 5
 PM 11.01
 TEHAMA COUNTY



SIGN No. ⑧
 SB 5
 PM 35.02
 TEHAMA COUNTY



TYPICAL ON-RAMP CLOSURE



TYPICAL OFF-RAMP CLOSURE

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 CALTRANS
 FUNCTIONAL SUPERVISOR: JULIE CASEY
 CALCULATED/DESIGNED BY: MIKE MOGEN
 CHECKED BY: MICHAEL WEBB
 REVISED BY: MIKE MOGEN
 DATE REVISED: MICHAEL WEBB
 P:\proj\2\02\0E800\plans\pse\20e800\0002.dgn

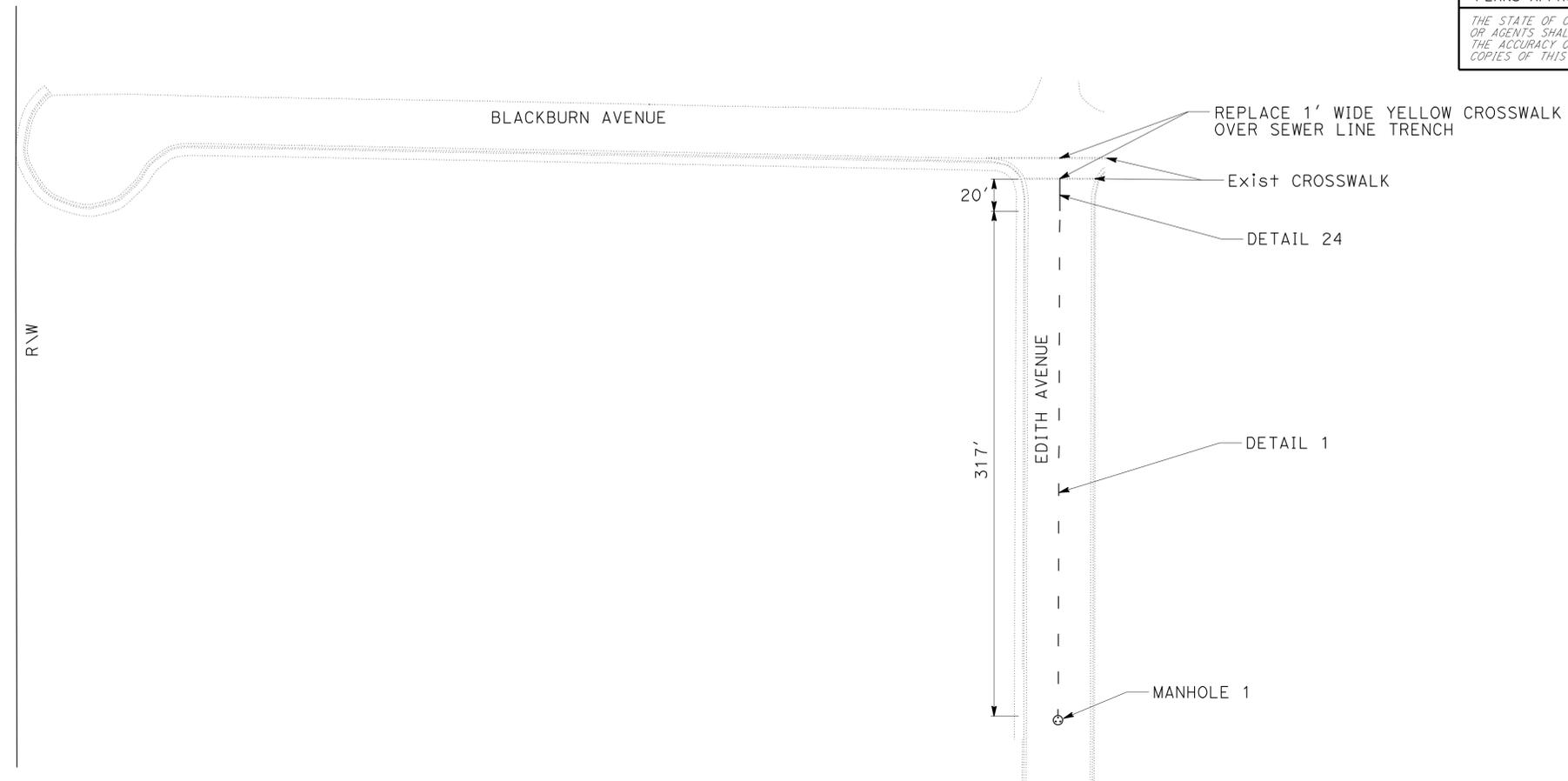
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	5	9.5/10.5	20	59

Michael J. Mogen 01-21-10
 REGISTERED CIVIL ENGINEER DATE

2-16-10
 PLANS APPROVAL DATE

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

REGISTERED PROFESSIONAL ENGINEER
MIKE MOGEN
 No. C67018
 Exp. 09/30/10
 CIVIL
 STATE OF CALIFORNIA



STRIPING AND PAVEMENT MARKING

SHEET No.	LOCATION	PAINTED TRAFFIC STRIPE		PAINT PAVEMENT MARKING
		DETAIL No.		
		1	24	YELLOW CROSSWALK
		LF	LF	SQ FT
PD-1	"SS1" 0+3.0 TO "SS1" 3+19.5	317		
PD-1	"SS1" 3+19.5 TO "SS1" 3+39.5		20	
PD-1	"SS1" 3+39.5			1.5
PD-1	"SS1" 3+51.5			1.5
	TOTAL	337		3.0

PAVEMENT DELINEATION AND QUANTITIES

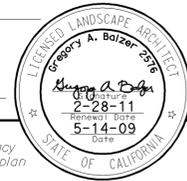
NO SCALE

PD-1

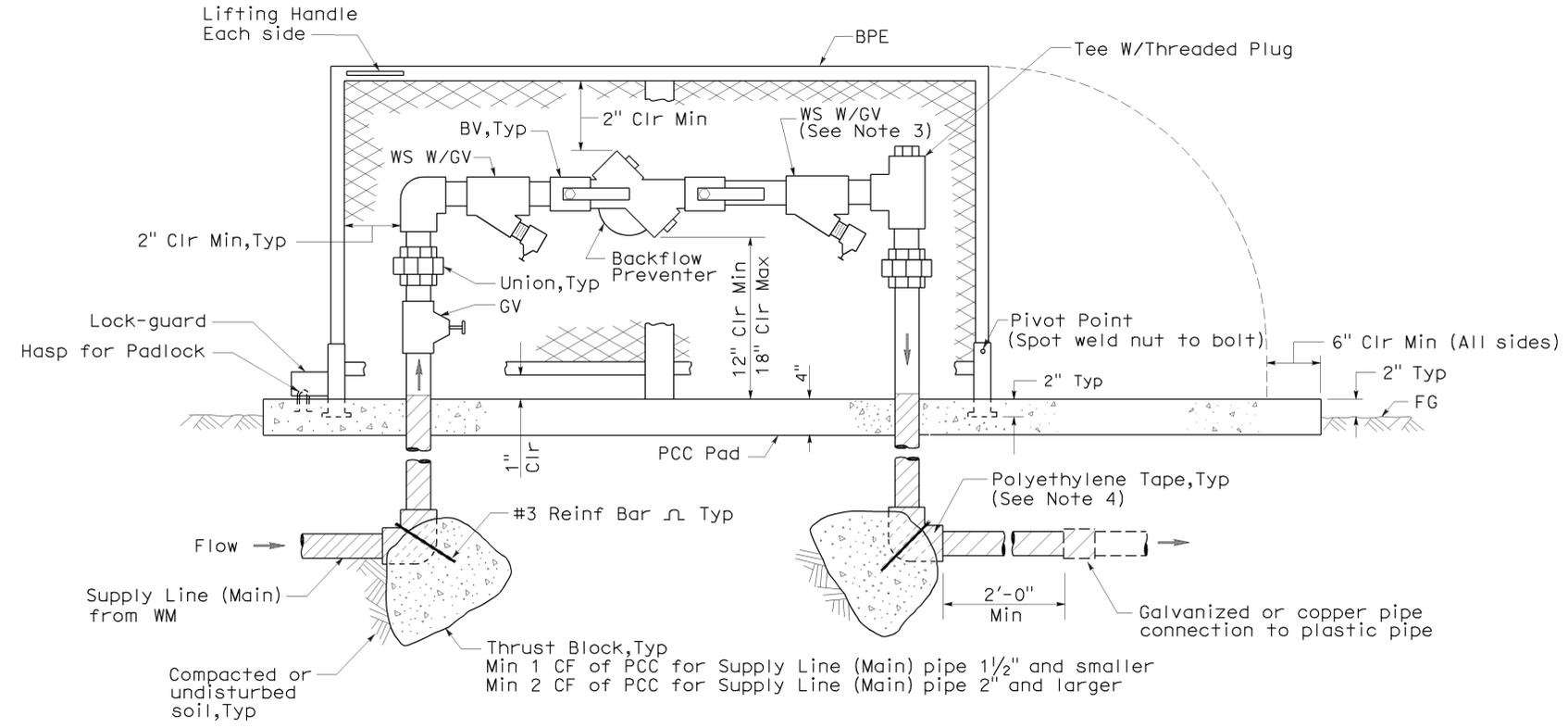
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN
 FUNCTIONAL SUPERVISOR: JULIE CASEY
 CALCULATED/DESIGNED BY: [blank] CHECKED BY: [blank]
 MIKE MOGEN
 MICHAEL WEBB
 REVISED BY: [blank] DATE REVISED: [blank]

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	22	59

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 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.



To accompany plans dated 2-16-10

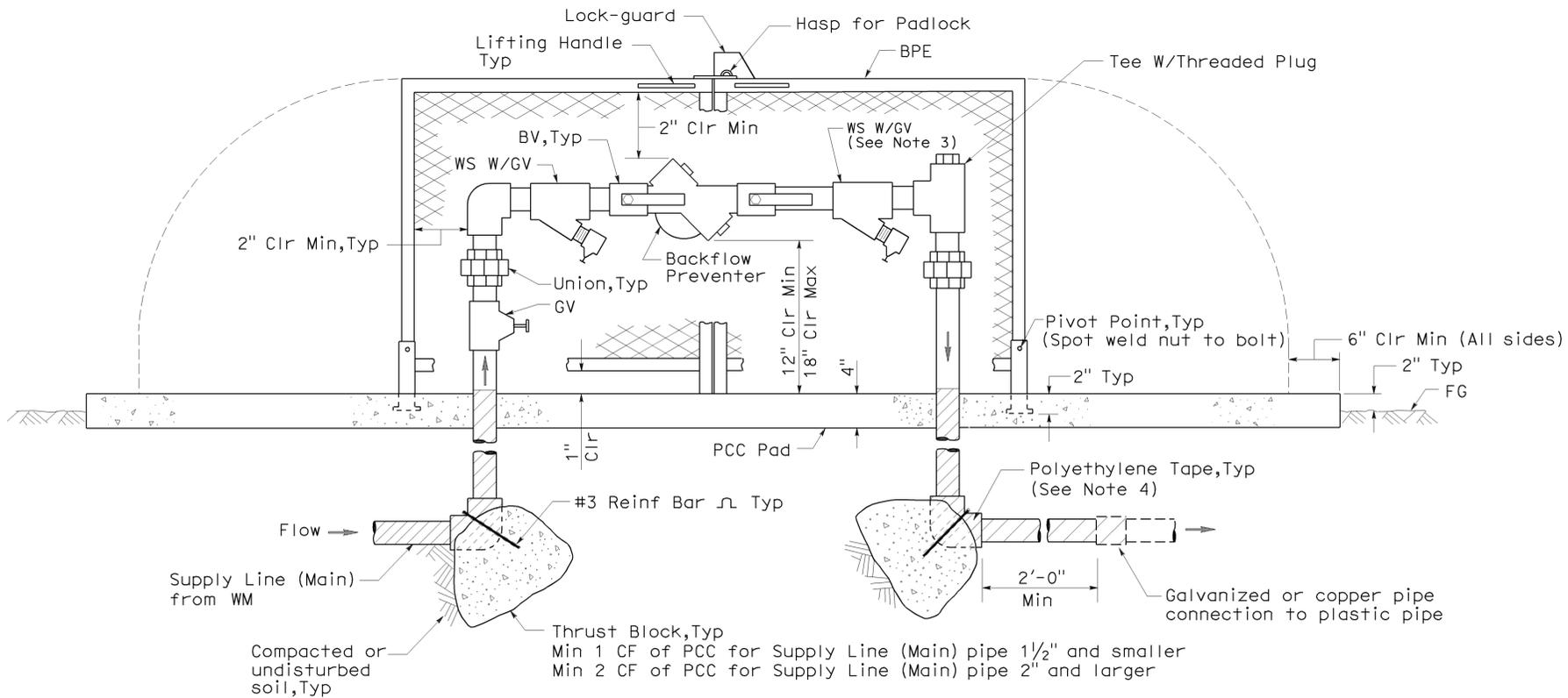


ELEVATION

BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (ONE PIECE)

NOTES:

1. Wye strainer and fittings must be the same size as the backflow preventer shown on the plans.
2. Backflow preventer assembly manifold pipe must be the same pipe as the supply line (main) pipe to be installed from the water meter to the backflow preventer assembly.
3. Wye strainer location shown downstream of the backflow preventer is for District 11 projects only.
4. All metal in contact with soil and Portland Cement Concrete must be polyethylene wrapped using 2" wide plastic backed adhesive tape 20 mil thick with 1/2" overlap.



ELEVATION

BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (TWO PIECE)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**PLANTING AND IRRIGATION
 DETAILS**

NO SCALE

RSP H8 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H8
 DATED MAY 1, 2006 - PAGE 208 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H8

2006 REVISED STANDARD PLAN RSP H8

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	23	59

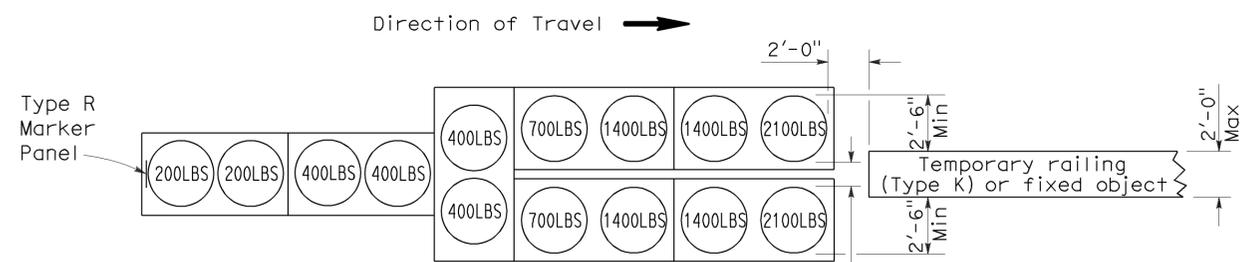
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

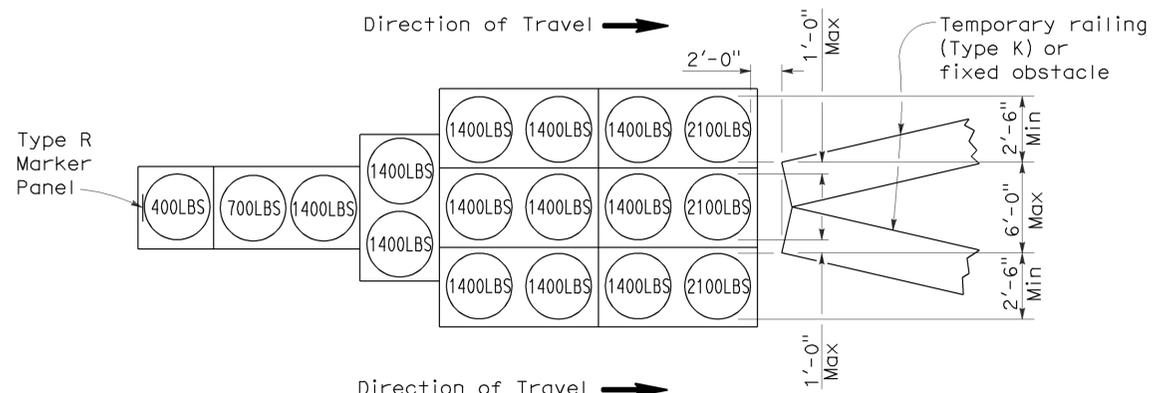
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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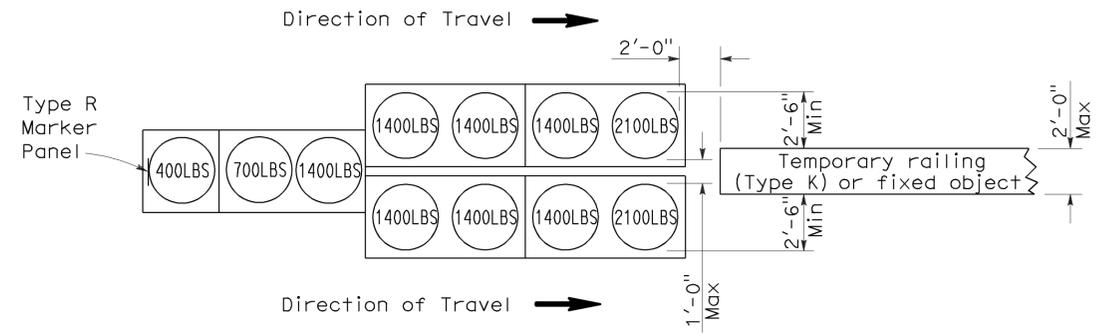
To accompany plans dated 2-16-10



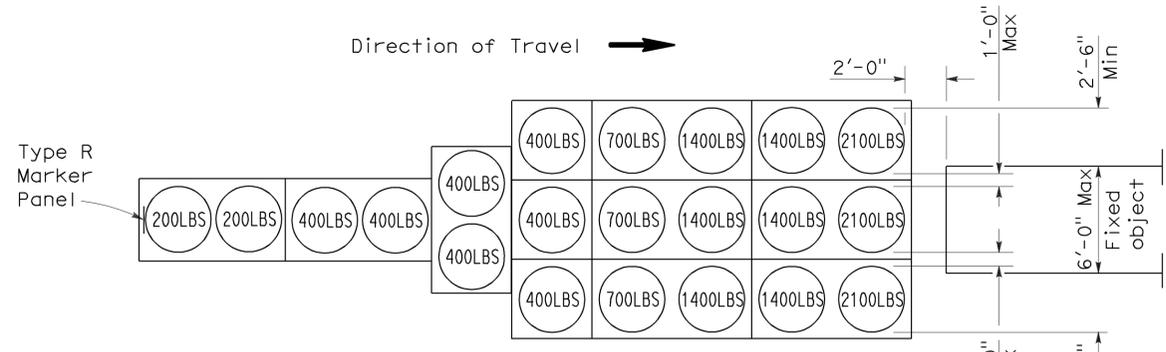
ARRAY 'TU14'
Approach speed 45 mph or more



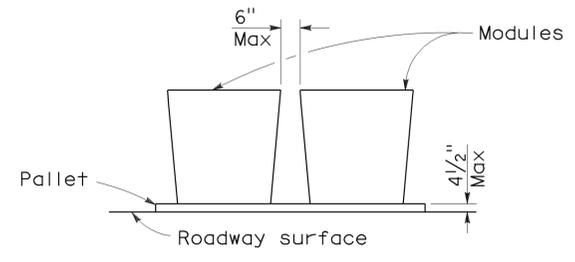
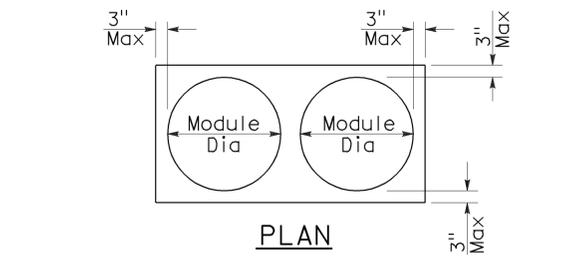
ARRAY 'TU17'
Approach speed less than 45 mph



ARRAY 'TU11'
Approach speed less than 45 mph



ARRAY 'TU21'
Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	24	59

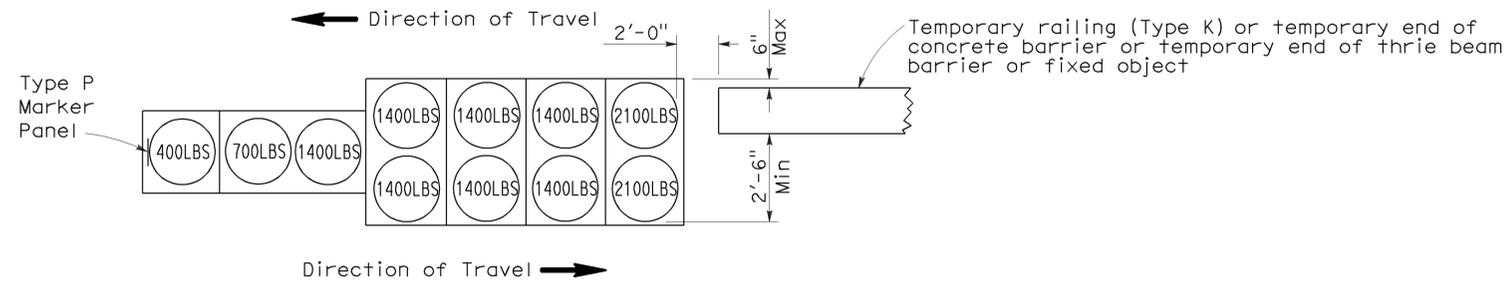
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

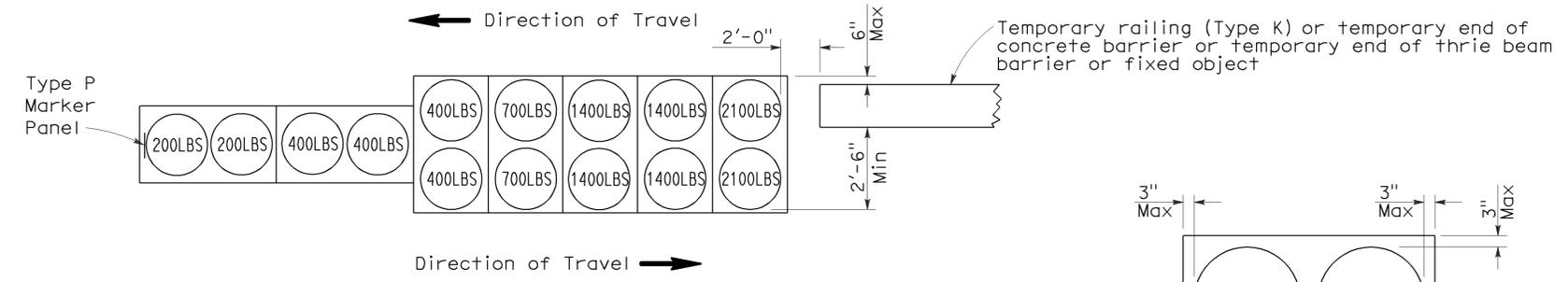
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 2-16-10



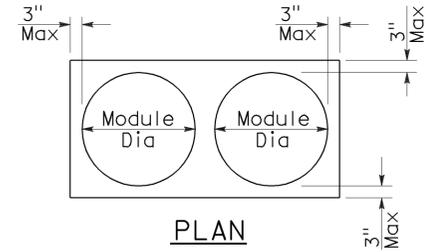
ARRAY 'TB11'

Approach speed less than 45 mph

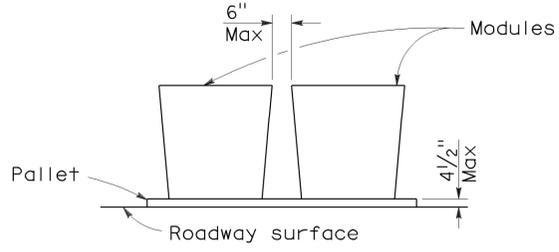


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(BIDIRECTIONAL)**

NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	25	59

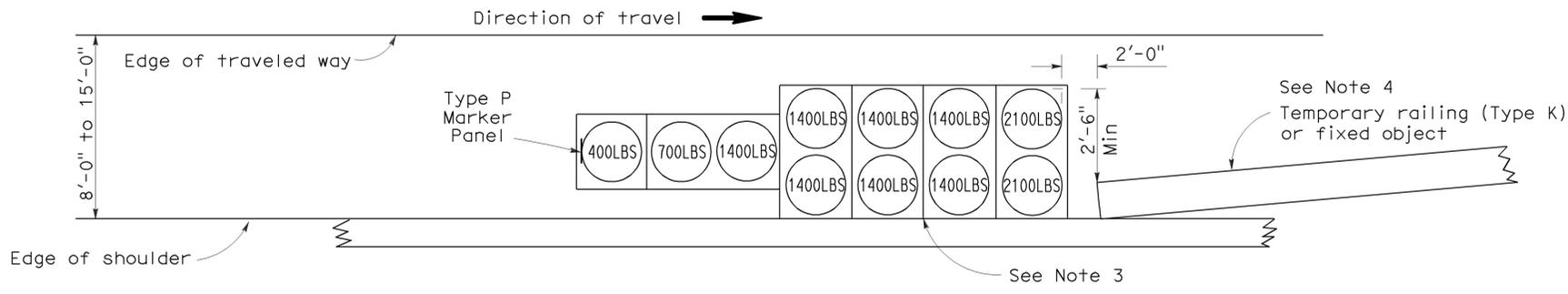
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

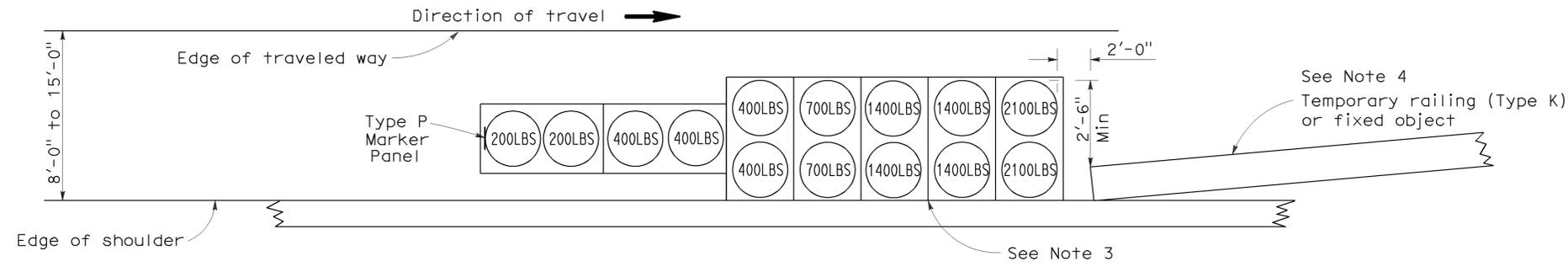
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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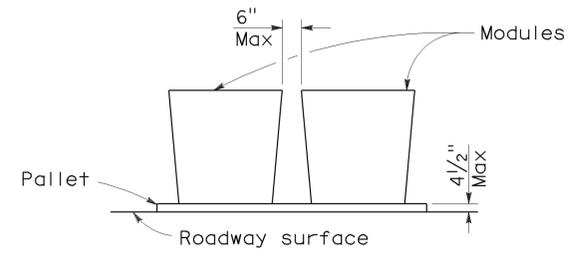
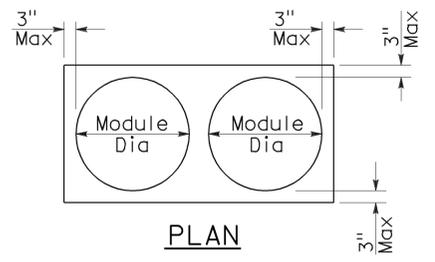
To accompany plans dated 2-16-10



ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



ARRAY 'TS14'
Approach speed 45 mph or more
See Note 9



CRASH CUSHION PALLET DETAIL
See Note 11

NOTES:

- (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
- All sand weights are nominal.
- The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
- If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

NO SCALE
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	26	59

Robert B. Schott
LICENSED LANDSCAPE ARCHITECT

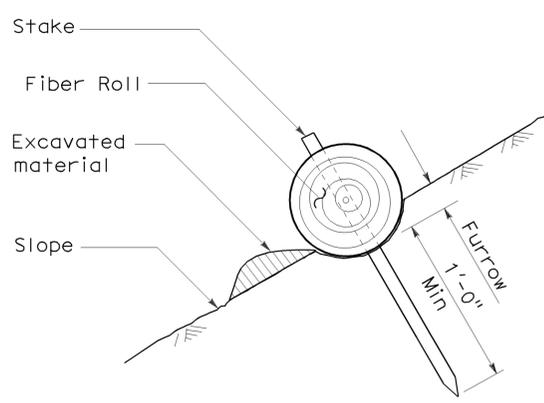
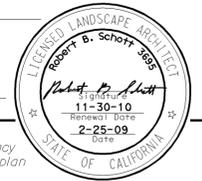
April 3, 2009
PLANS APPROVAL DATE

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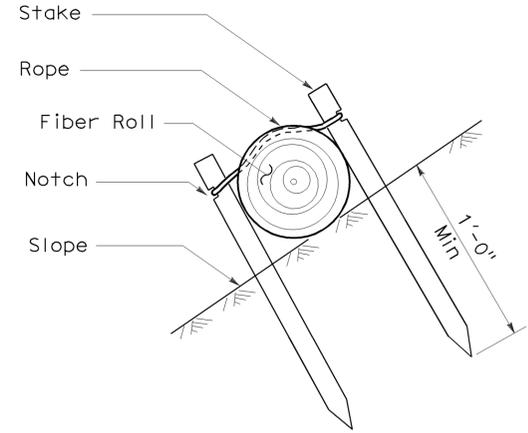
To accompany plans dated 2-16-10

NOTES:

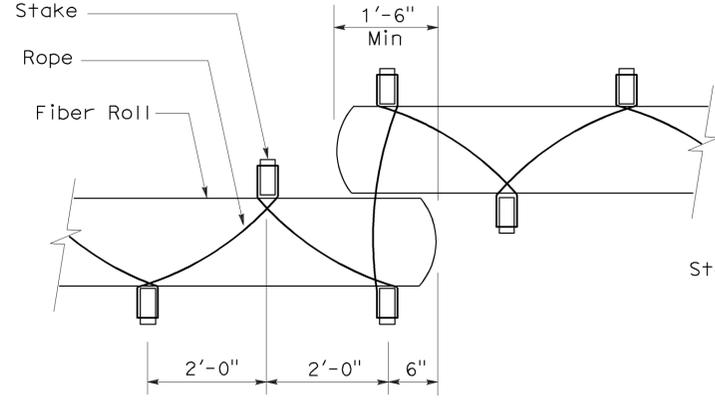
1. Temporary fiber roll spacing varies depending upon slope inclination.
2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



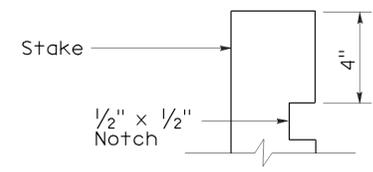
SECTION
TEMPORARY FIBER ROLL (TYPE 1)



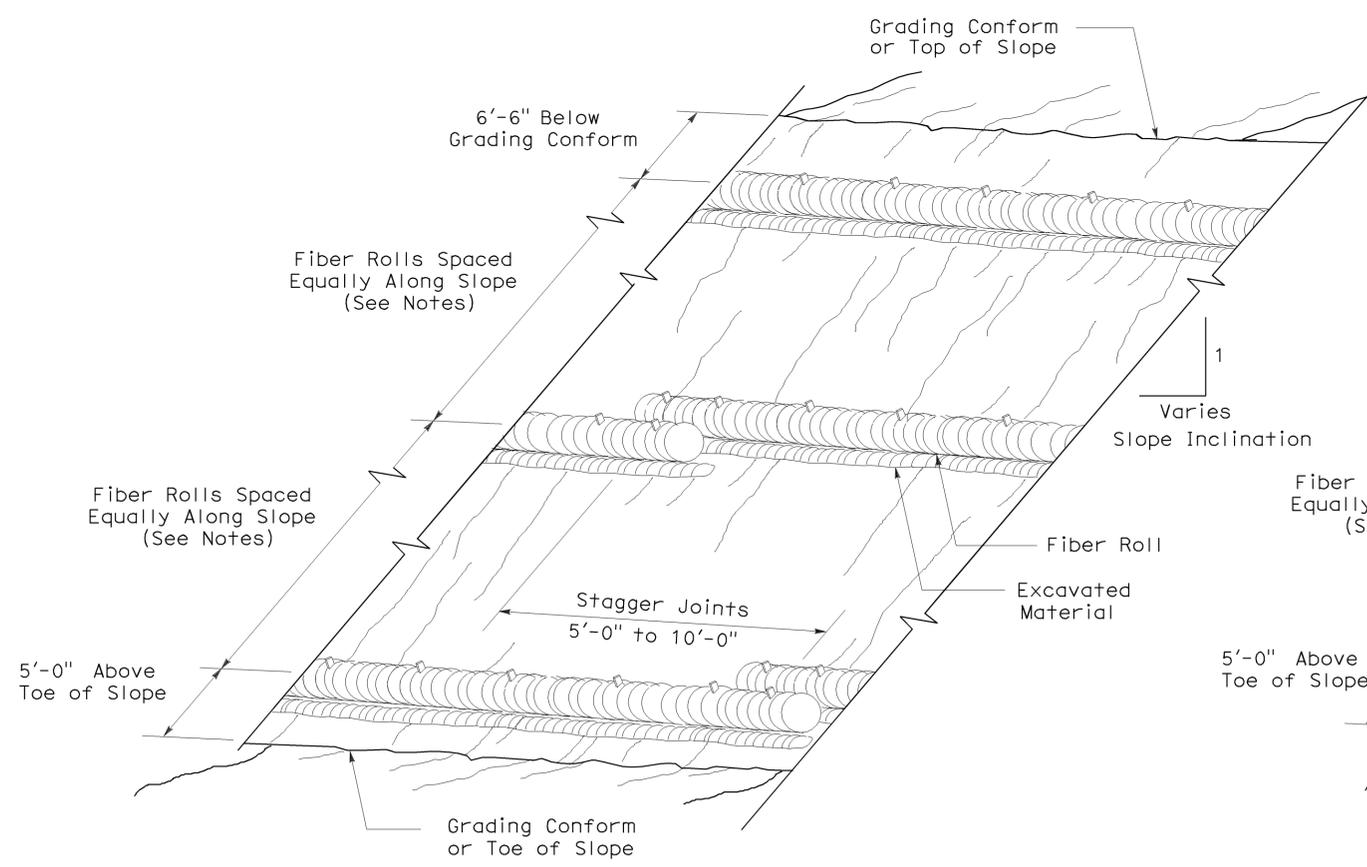
SECTION
TEMPORARY FIBER ROLL (TYPE 2)



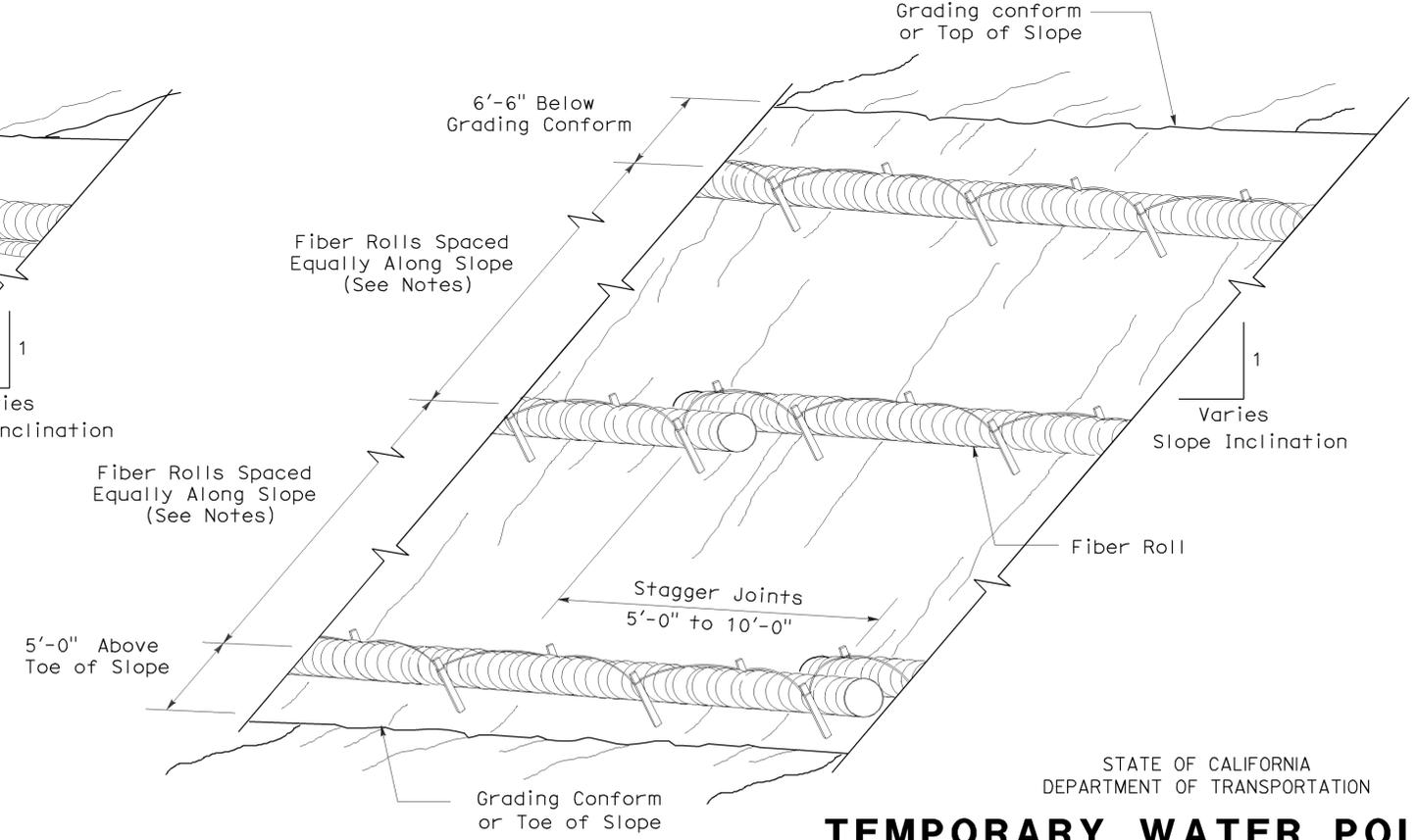
PLAN
TEMPORARY FIBER ROLL (TYPE 2)



ELEVATION
STAKE NOTCH DETAIL



PERSPECTIVE
TEMPORARY FIBER ROLL (TYPE 1)



PERSPECTIVE
TEMPORARY FIBER ROLL (TYPE 2)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY FIBER ROLL)

NO SCALE

2006 REVISED STANDARD PLAN RSP T56

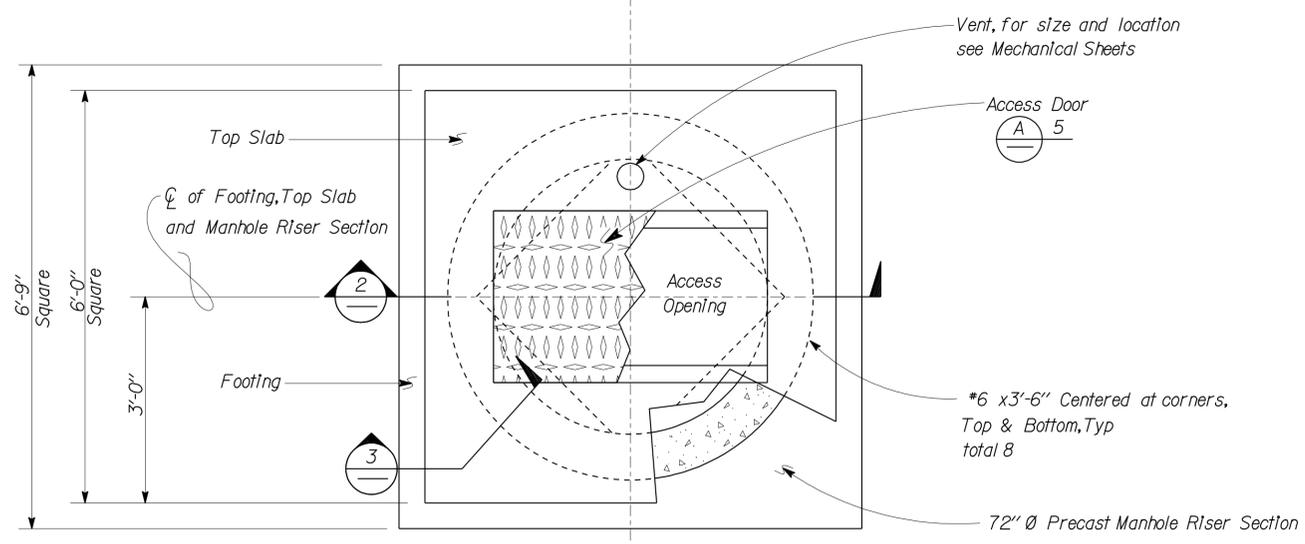
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	27	59

Tahir Rashid
REGISTERED CIVIL ENGINEER
DATE 09-21-09

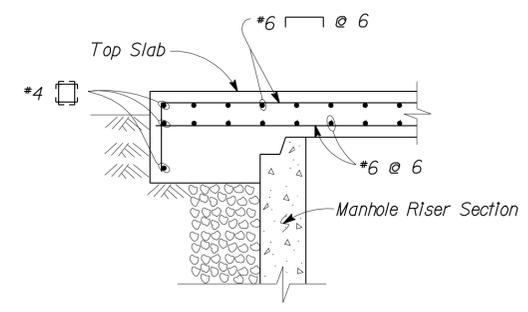
Tahir Rashid
No. 61932
Exp. 9-30-09
CIVIL
STATE OF CALIFORNIA

2-16-10
PLANS APPROVAL DATE

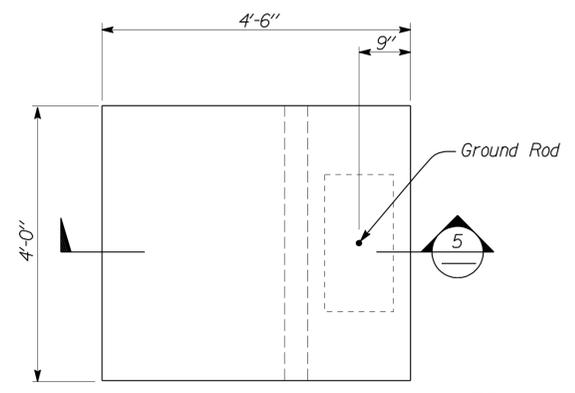
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



1 PUMPING STATION PLAN
Scale 3/4" = 1' - 0"

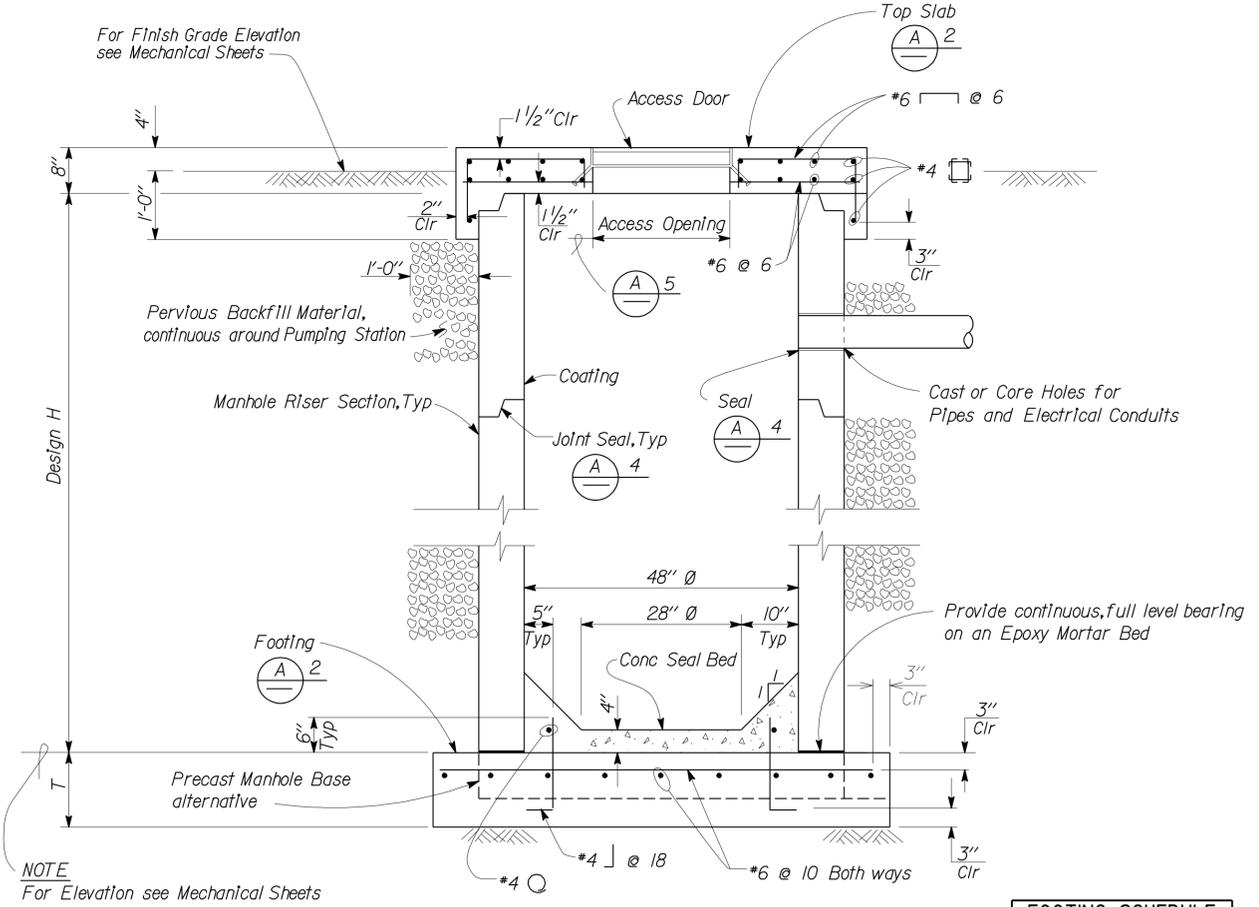


3 TOP SLAB SECTION
Scale 3/4" = 1' - 0"



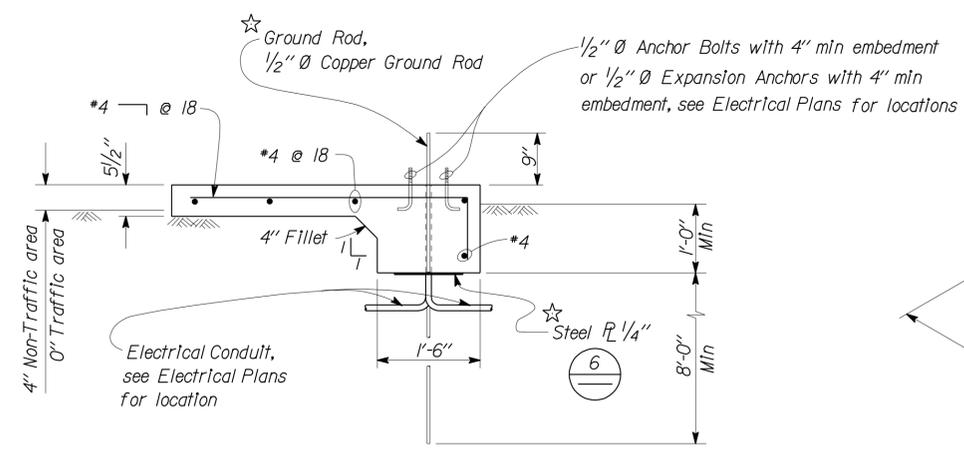
4 ELECTRICAL PANEL PAD PLAN
Scale 3/4" = 1' - 0"

- A DESIGN NOTES**
- Design: Bridge Design Specifications 1983 A.A.S.H.T.O. with Interims and Revisions by Caltrans
- Loads: HS 20-44 and Alternative
Equivalent Fluid Pressure = 50 PCF
 - Cast-In-Place Reinforced Concrete: $f'_c = 3,000$ PSI
 $f_y = 60,000$ PSI
 - Foundation:
Allowable Soil Pressure Dead Load + Live Load : 1,500 PSF Assumed
 - Seal with Epoxy Mortar.
 - The clear opening dimension and location of the Access Cover shall be approved by the Engineer and of the pump equipment manufacturer.

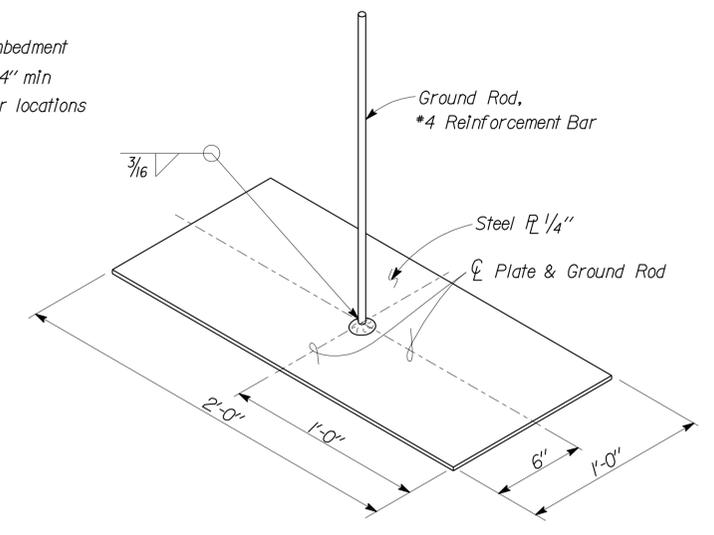


2 PUMPING STATION SECTION
Scale 3/4" = 1' - 0"

FOOTING SCHEDULE	
Design H	10' 13' 16'
T	8" 13" 18"



5 ELECTRICAL PANEL PAD SECTION
Scale 3/4" = 1' - 0"



6 ALTERNATE GROUND DETAIL
Scale 2" = 1' - 0"

DESIGN BY Tahir Rashid CHECKED Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R0002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET ST1-1
			POST MILE 9.5/10.5		SEWAGE PUMPING STATION & ELECTRICAL PANEL PAD
DETAILS BY Daniel Harakh CHECKED Tahir Rashid	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU 02 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES 08-10-09	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

DOES SD Imperial Rev. 9/02

D:\user\Projects\Dist_02\02_0e8001_corning_srra_upgrade\Expd1fe_2009-09-21\st1_01.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	TEH	5	9.5/10.5	28	59

 9/17/09
 REGISTERED MECHANICAL ENGINEER DATE

2-16-10
 PLANS APPROVAL DATE

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PLUMBING

— — — — —	Cold Water
— A — — —	Compressed Air
— LPG — — —	Liquefied Petroleum Gas
— D — — — —	Equipment Drain
— RD — — — —	Roof Drain
— OD — — — —	Overflow Drain
— RW — — — —	Non Potable Water
— FW — — — —	Fire Water
— — — — —	Hot Water
— — — — —	Hot Water Return
— R — — — —	Relief Valve Discharge Pipe
— — S — — —	Sewer Line
— — — — —	Sanitary Sewer (above grade)
— — — — —	Sanitary Sewer (below grade)
— — — — —	Sanitary Sewer Vent
---- SFM ----	Sewer Force Main

PIPE FITTINGS AND VALVES

	Cap, Threaded
	Elbow, Turned Down
	Elbow, Turned Up
	Reducer, Concentric
	Pressure Gauge (with gage cock and Snubber)
	Strainer
	Union
	Union, Insulating
	Valve, Ball
	Valve, Check
	Valve, Gas
	Valve, Gate
	Valve, Safety Relief
	Valve, Faucet Assembly
	Valve, Pressure/Temperature Relief
	Water Hammer Arrestor

HEATING, VENTILATING AND AIR CONDITIONING

	Balance Damper
	Flexible Duct
— EA — — —	Exhaust Air
— RA — — —	Return Air
— SA — — —	Supply Air
	Exhaust Register
	Return Register
	Supply Diffuser
	Thermostat
	Time Switch
	Anode Test Station
	Three Wire Test Station
	Exhaust Fan
	Fire Extinguisher

MISCELLANEOUS

L	Angle
	Centerline
∅	Diameter
— RE — — —	(E) Duct to be Removed
	Section / Elevation Letter
	Sheet Number
	Detail Number
	Sheet Number
12x12 "	NECK SIZE
190 cfm	FLOW RATE

MECHANICAL ABBREVIATIONS:

A/C	Air Conditioning	GA	Gauge	RE	Refrigerator
ABS	Acrylonitrile Butadiene Styrene	GALV	Galvanized	REG	Register
AC	Asphalt Concrete	GH	Ground Hydrant	RA	Return Air
AD	Air Drop	GLV	Globe Valve	RCP	Reinforced Concrete Pipe
AP	Alternative Pipe	GSP	Galvanized Steel Pipe	RD	Roof Drain
ATF	Automatic Transmission Fluid	GV	Gate Valve	REQ	Required
AWG	American Wire Gauge	GWH	Gas Water Heater	RH	Radiant Heater
BFP	Backflow Preventer	GYP	Gypsum	RV	Relief Valve
BH	Box Hydrant	H	Height	RWL	Rain Water Leader
BLDG	Building	HB	Hose Bibb	RW	Raw Water
BV	Balancing Valve	H/C	Hot Water, High Pressure Cleaner	S	Switch
°C	Celsius Temperature	HF	Hose Faucet	SF	Fan, Switch
C	Conduit	HVAC	Heating, Ventilating And Air Conditioning	S/S	Service Sink
Cap.	Capacity	HW	Hot Water	SA	Supply Air
CD	Ceiling Diffuser	HZ	Hertz	SCH	Schedule
CI	Cast-Iron	ID	Inside Diameter	SDS	Sanitary Dump Station
CO	Cleanout	IE	Invert Elevation	SF	Supply Fan
COTF	Cleanout Through Floor	IPS	International Pipe Standard	SHR	Shower
COTG	Cleanout Through Grade	KS	Kitchen Sink	SP	Static Pressure
COTW	Cleanout To Wall	KW	Kilowatt	SS	Sanitary Sewer Station
CV	Check Valve	LAV	Lavatory	STA	Station
CW	Cold Water	L/s	Liters per Second	STD	Standard
D	Depth	m	Meter	TCV	Temperature Control Valve
DB	Dry Bulb	MAX	Maximum	TSPV	Trap Seal Primer Valve
DF	Drinking Fountain	MAN	Manhole	TPRV	Temp., Pressure, Relief Valve
DH	Duct Heater	MIN	Minimum	TS	Time Switch
DI	Drain Inlet	mm	millimeter	Typ.	Typical
Dia	Diameter	MS	Map Sink	UH	Unit Heater
(E)	Existing	NIC	Not In Contract	UR	Urinal
EA	Exhaust Air	NO	Number	V	Vent
EC	Evaporative Cooler	NPS	Nominal Pipe Size	VAC	Voltage, Alternating Current
ESEW	Emergency Shower And Eye Wash	NPT	National Pipe Thread	VB	Valve Box
EF	Exhaust Fan	NST	National Standard Thread	VR	Vent Riser
EL	Elevation	OA	Outside Air	VM	Vending Machine
Elect.	Electrical	OC	On Center	VTR	Vent Thru Roof
ES	Evaporative Cooler Switch	OD	Outside Diameter	W	Width
ESP	External Static Pressure	OG	Original Ground	W/	With
EWC	Electric Water Cooler	PBEF	Push-Button Exhaust Fan	W/O	Without
EWB	Electric Water Heater	PCC	Portland Cement Concrete	WB	Wet Bulb
EWH	Electric Water Heater	PH	Phase	WC	Water Closet
FC	Flexible Connection	PRV	Pressure Reducing Valve	W.C.	Water Column
FD	Floor Drain	PSI	Pounds Per Square Inch	WH	Water Heater
FDC	Fire Department Connection	PVC	Polyvinyl Chloride	W.H.	Wall Hydrant
FE	Fire Extinguisher			WHA	Water Hammer Arrestor
FG	Finish Grade			WLS	Water Level Switch
FH	Fire Hydrant			WP	Weatherproof
FIPT	Female Inside Pipe Thread			WS	Wash Sink
FL	Flow Line			WSP	Welded Steel Pipe
FM	Force Main				
FS	Floor Sink				
FTR	Flue through roof				

DESIGN	BY	Alvin Kwan	CHECKED	Jack Wheeler	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	08R0002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET	M-0	
	DETAILS	BY	J.R. Stangl	CHECKED			Jack Wheeler	POST MILE		9.5/10.5	LEGEND	OF
QUANTITIES	BY	Alvin Kwan	CHECKED	Jack Wheeler	CU 03246	EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES → 9/17/09			REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF

DOES SD Imperial Rev. 1/07 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

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Notes:

1. Abandon Septic Tanks In ground.
2. Cut and remove portions of pipe between cut lines and Septic Tank.
3. Abandon Sewage Lift Station.

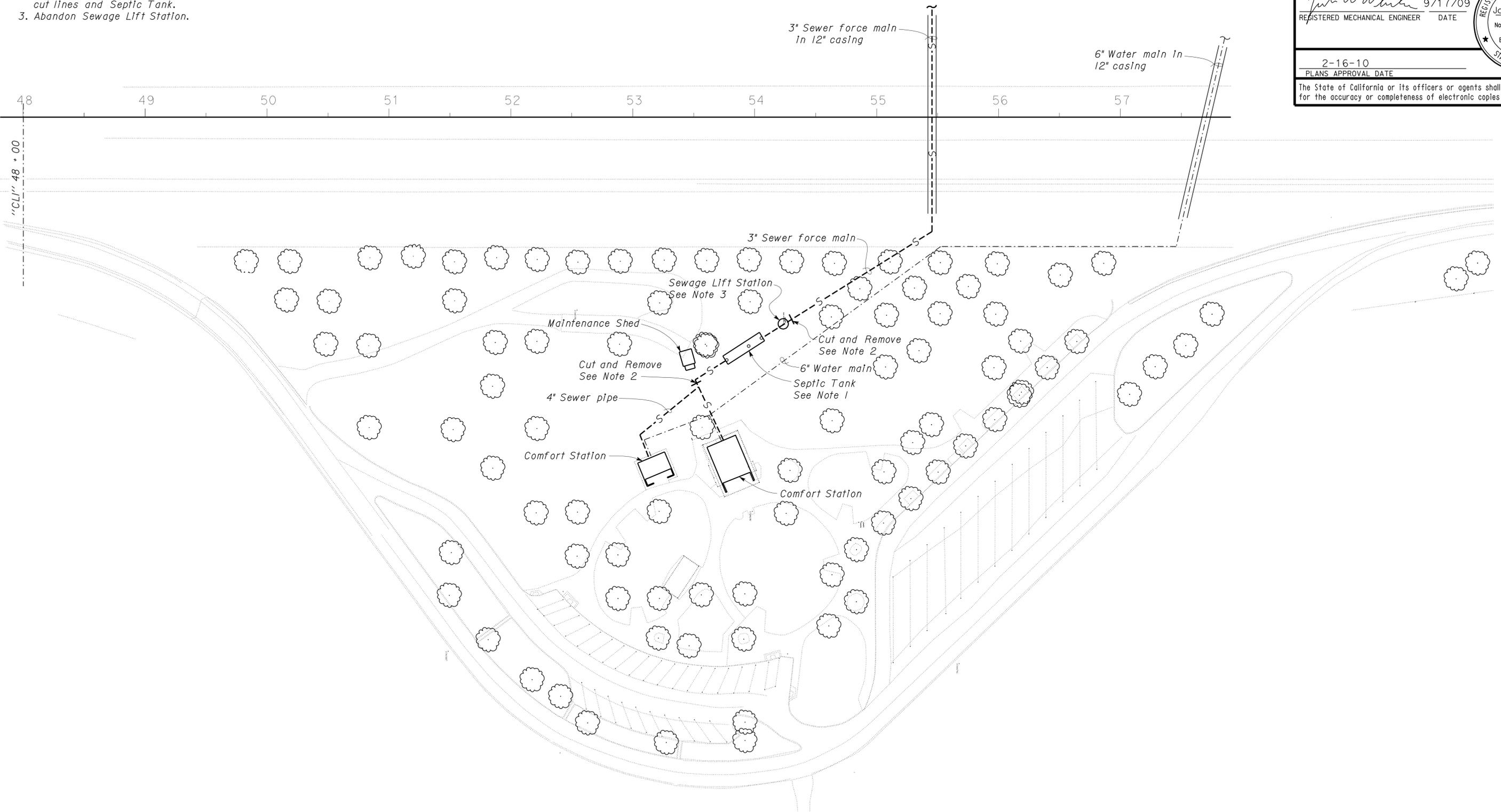
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	TEH	5	9.5/10.5	29	59

Jack Wheeler 9/17/09
 REGISTERED MECHANICAL ENGINEER DATE

2-16-10
 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.

REGISTERED PROFESSIONAL ENGINEER
 Jack Wheeler
 No. 21648
 Exp. 6/30/11
 MECH
 STATE OF CALIFORNIA



SITE PLAN
SCALE 1" = 40'-0"

Alvin Kwan
 DESIGN SUPERVISOR
Jack Wheeler
 DESIGN ENGINEER

DESIGN	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>
DETAILS	BY <i>J.R. Stangl</i>	CHECKED <i>Jack Wheeler</i>
QUANTITIES	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

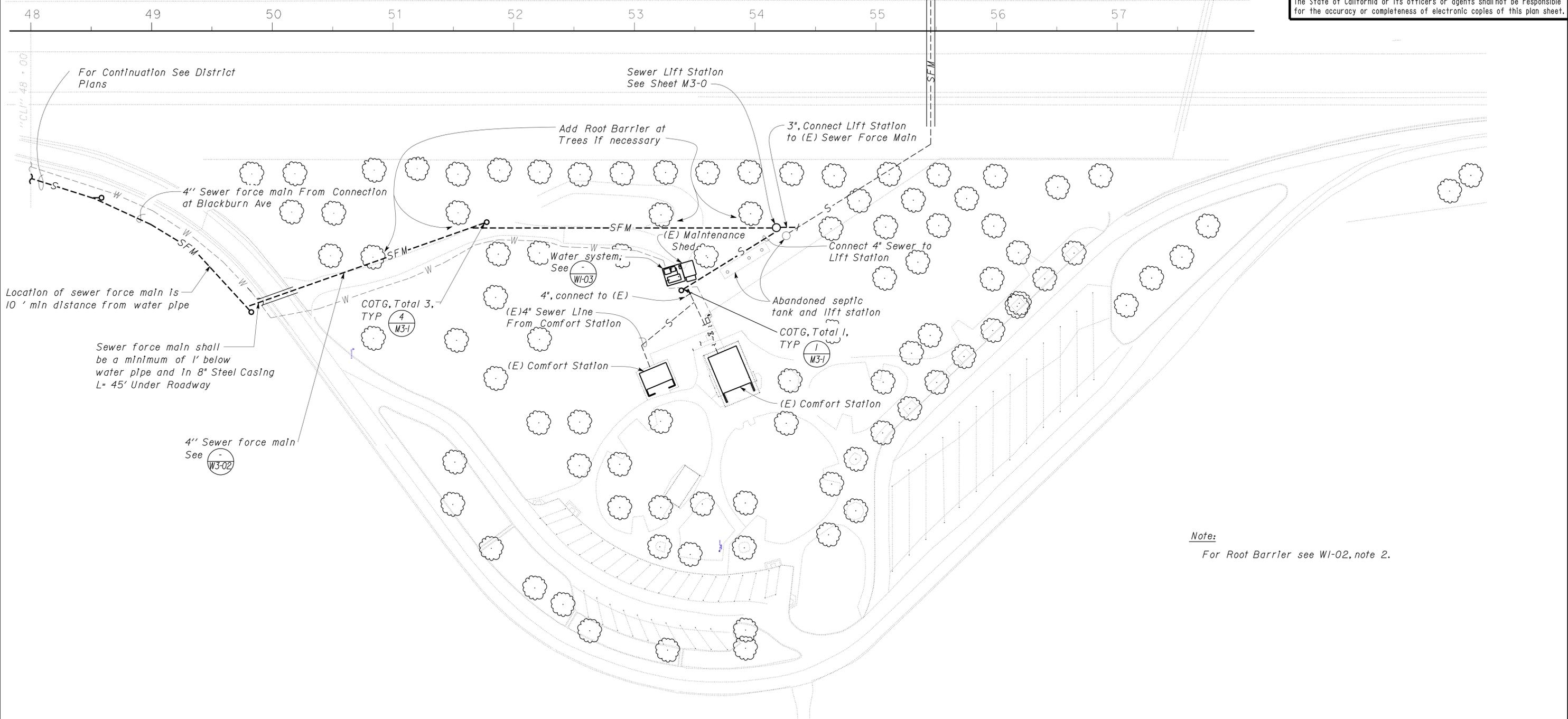
DIVISION OF ENGINEERING SERVICES
 ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA	SHEET
08R0002R/L	SEWER AND WATER UPGRADE	M1-0
POST MILE	NORTHBOUND	
9.5/10.5	EXISTING SITE PLAN	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	TEH	5	9.5/10.5	30	59

 REGISTERED MECHANICAL ENGINEER DATE 9/17/09	
PLANS APPROVAL DATE 2-16-10	

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Note:
For Root Barrier see W1-02, note 2.

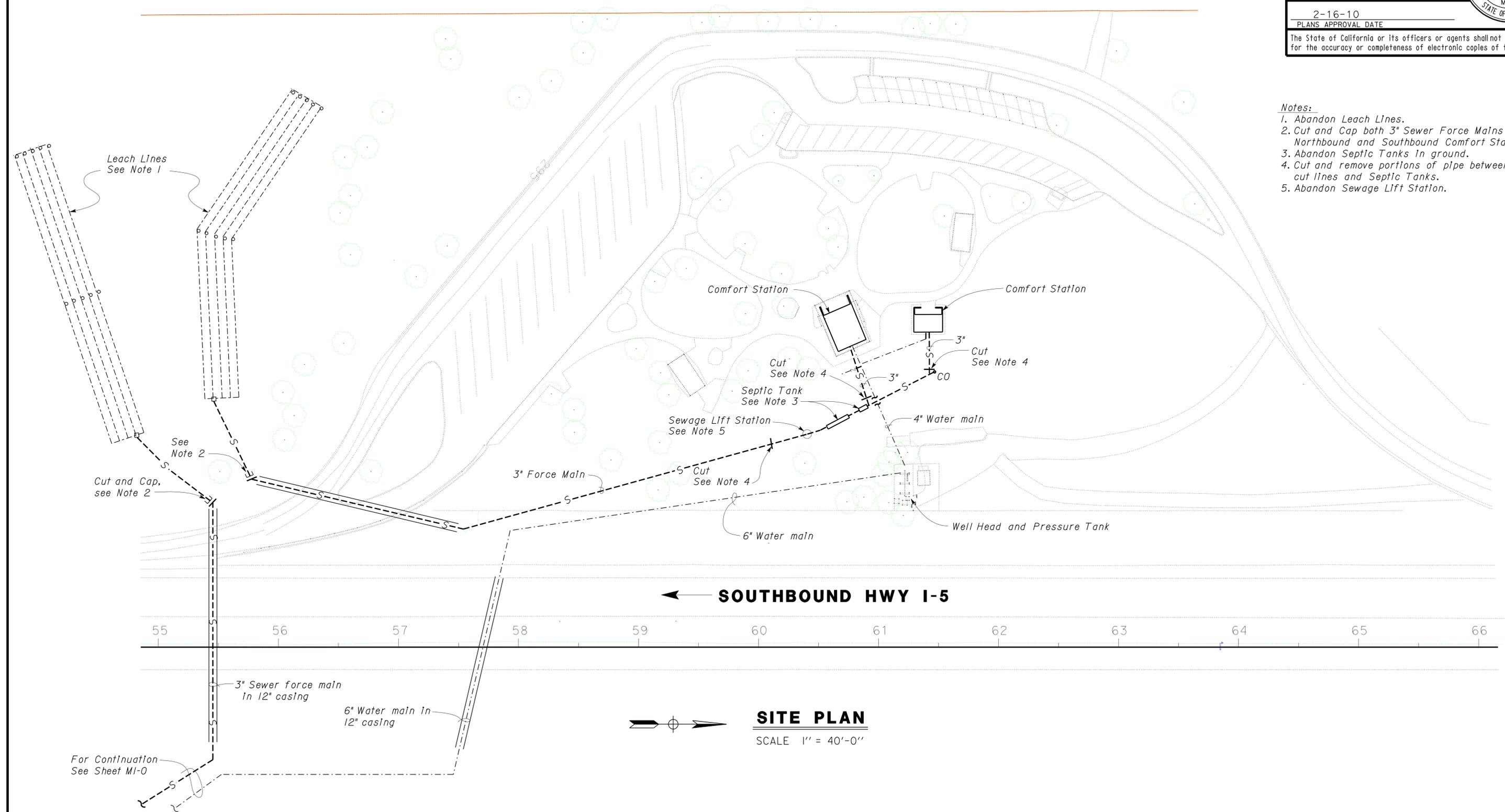


SITE PLAN
 SCALE 1" = 40'-0"

DESIGN BY <i>Alvin kwan</i> CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 08R0002R/L	CORNING SAFETY ROADSIDE REST AREA		SHEET M1-1
			POST MILE 9.5/10.5	SEWER AND WATER UPGRADE		
DETAILS BY <i>J.R. Stangl</i> CHECKED <i>Jack Wheeler</i>			NORTHBOUND	MODIFIED SITE PLAN		
QUANTITIES BY <i>Alvin Kwan</i> CHECKED <i>Jack Wheeler</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 03246 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	TEH	5	9.5/10.5	31	59
 REGISTERED MECHANICAL ENGINEER			9/17/09 DATE		
2-16-10 PLANS APPROVAL DATE					
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- Notes:**
1. Abandon Leach Lines.
 2. Cut and Cap both 3" Sewer Force Mains from Northbound and Southbound Comfort Stations.
 3. Abandon Septic Tanks In ground.
 4. Cut and remove portions of pipe between cut lines and Septic Tanks.
 5. Abandon Sewage Lift Station.



← SOUTHBOUND HWY I-5

SITE PLAN
SCALE 1" = 40'-0"

DESIGN	BY <i>Alvin kwan</i>	CHECKED <i>Jack Wheeler</i>
DETAILS	BY <i>J.R. Stangl</i>	CHECKED <i>Jack Wheeler</i>
QUANTITIES	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

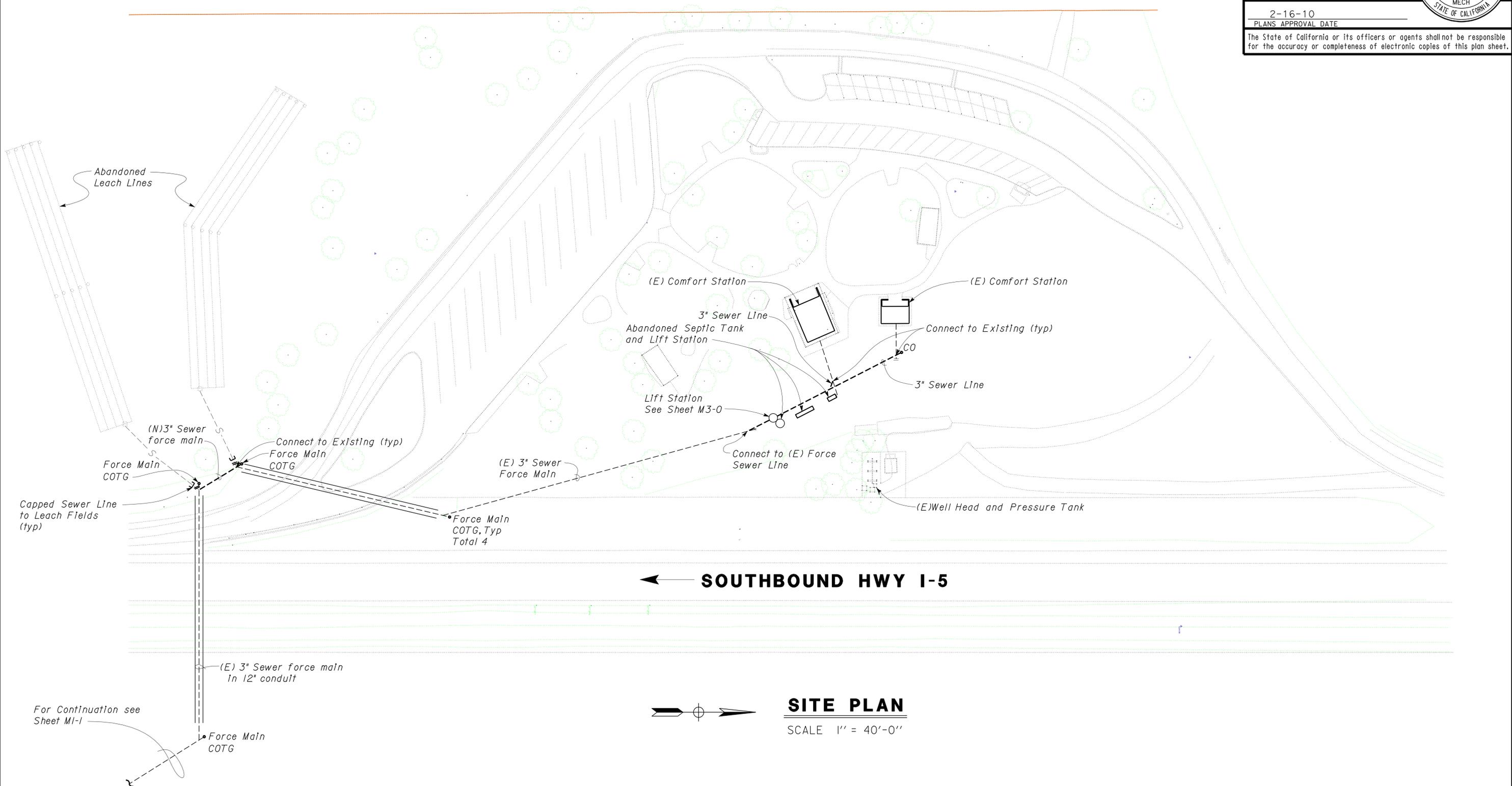
BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA	SHEET
08R0002R/L	SEWER AND WATER UPGRADE	M2-0
POST MILE	SOUTHBOUND	
9.5/10.5	EXISTING SITE PLAN	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	TEH	5	9.5/10.5	32	59

 9/17/09
 REGISTERED MECHANICAL ENGINEER DATE



2-16-10
 PLANS APPROVAL DATE
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DESIGN	BY	Alvin Kwan	CHECKED	Jack Wheeler	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA		SHEET M2-1
	DETAILS	J. R. Stangl	CHECKED	Jack Wheeler			08R0002R/L	SEWER AND WATER UPGRADE		
	QUANTITIES	Alvin Kwan	CHECKED	Jack Wheeler			POST MILE 9.5/10.5	MODIFIED SITE PLAN		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0 1 2 3	CU 03246 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
DOES SD Imperial Rev. 1/07							9/17/09			

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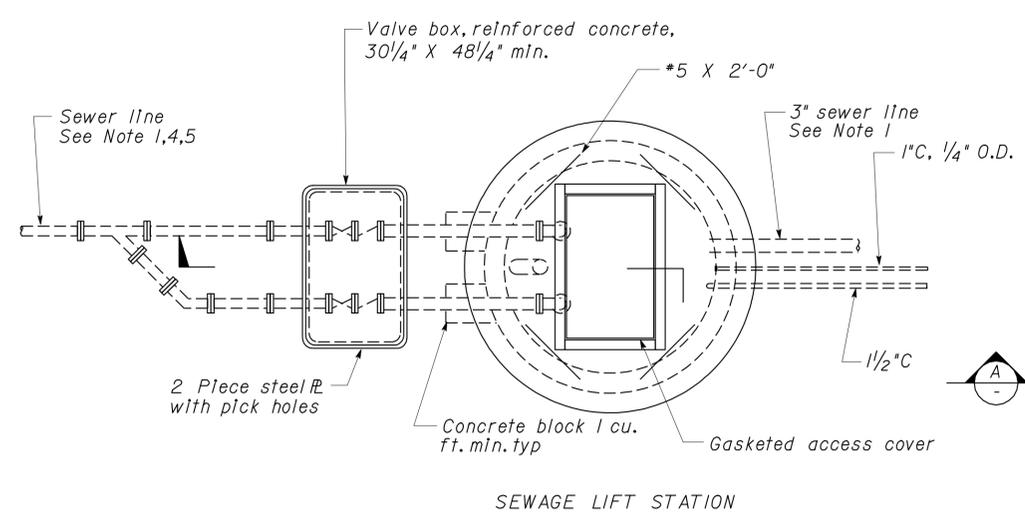
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	33	59

 9/17/09
 REGISTERED MECHANICAL ENGINEER DATE


2-16-10
 PLANS APPROVAL DATE
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EQUIPMENT SCHEDULE						
EQUIPMENT	PUMPING RATE (gpm)	TOTAL DYNAMIC HEAD (feet)	SPEED (RPM)	HP	VOLTS	PHASE
GRINDER PUMP * 1 and * 2	37	65	3450	3	460	3
S/B	43	60				
	50	52				

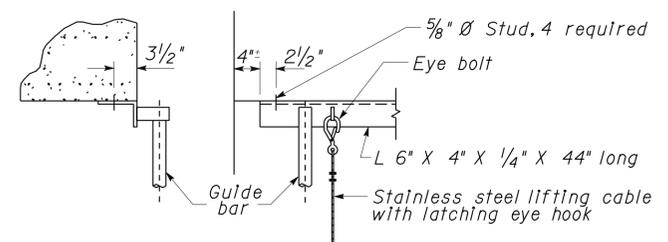
EQUIPMENT SCHEDULE						
EQUIPMENT	PUMPING RATE (gpm)	TOTAL DYNAMIC HEAD (feet)	SPEED (RPM)	HP	VOLTS	PHASE
GRINDER PUMP * 1 and * 2	74	90	3450	5	230	1
N/B	86	67				
	100	40				



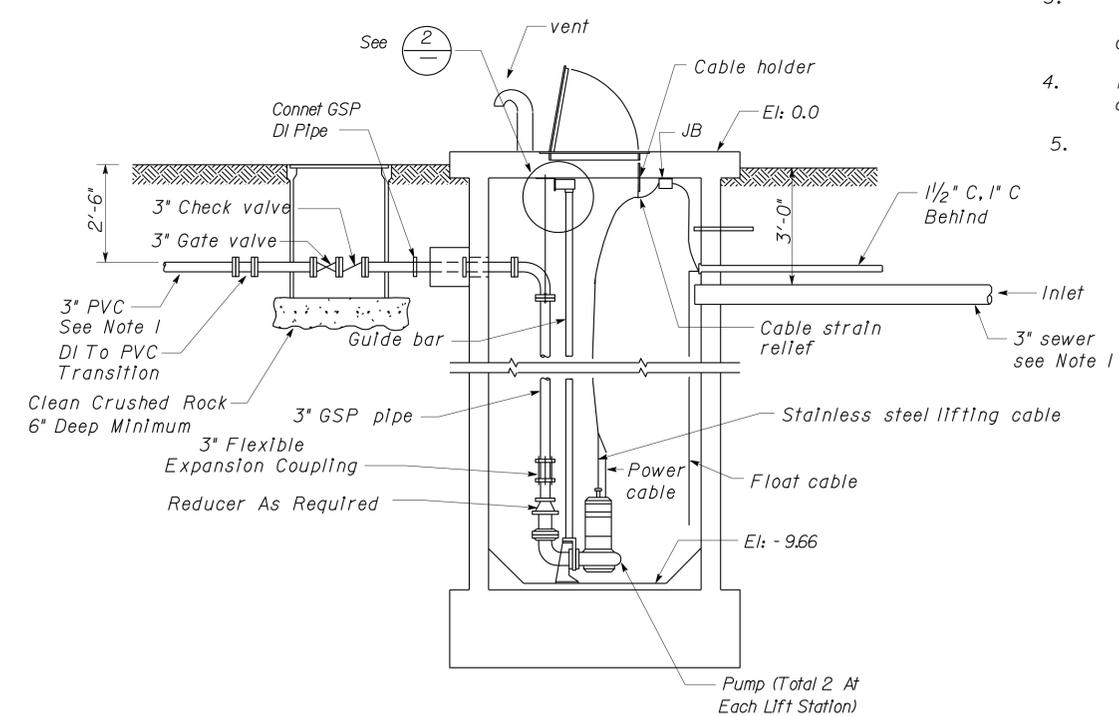
SEWAGE LIFT STATION
PLAN
No Scale

NOTES

- For Inlet and outlet orientation and installation location, see M1-1 and M2-1
- Guide bar to suit pump manufacturer's recommendation.
- All fasteners to concrete shall be expansion anchorage devices with galvanized threaded stud, hex nut and flat washer. Size of stud is as shown.
- Northbound Lift station shall have outlet 4" PVC sewer pipe and 4" valves.
- Southbound Lift station shall have outlet 3" PVC sewer pipe and 3" valves.



2 **DETAIL (TYP 2 PLACES)**
No Scale



A **SECTION**
No Scale

Float	Elevations, Feet
High Alarm	- 4.0
Lag On	- 5.5
Lead On	- 7.0
All Off	- 8.5

DESIGN	BY Alvin kwan	CHECKED Jack Wheeler
DETAILS	BY X	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO. 08R0002R/L
 POST MILE 9.5/10.5
CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE
 NORTHBOUND AND SOUTHBOUND
 MISC MECHANICAL DETAILS

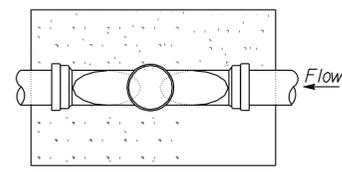
SHEET **M3-0** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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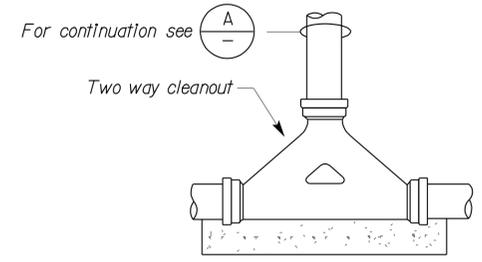
<i>Jack Wheeler</i>	9/17/09
REGISTERED MECHANICAL ENGINEER	DATE

2-16-10
PLANS APPROVAL DATE

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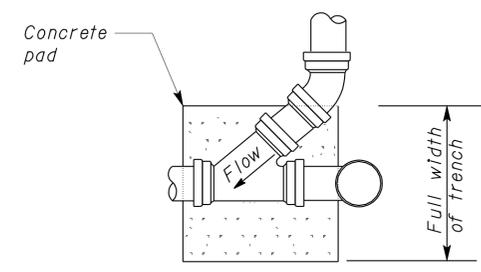


PLAN

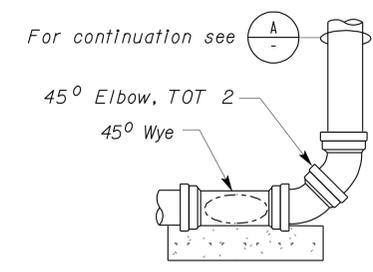


ELEVATION

5 TWO WAY CLEANOUT

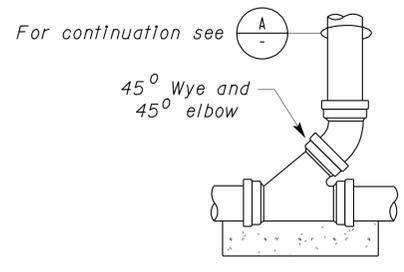


PLAN



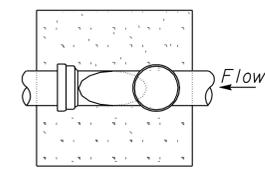
ELEVATION

1 CLEANOUT (AT BEND)



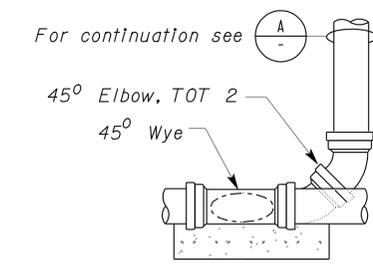
ELEVATION

2 CLEANOUT (STANDARD)

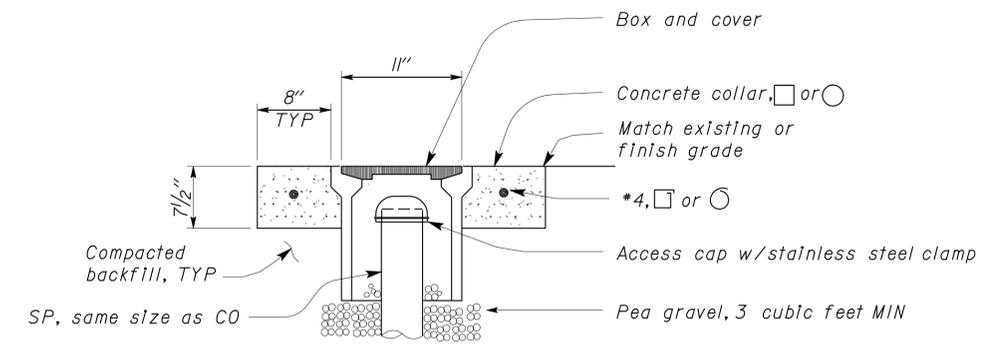


PLAN

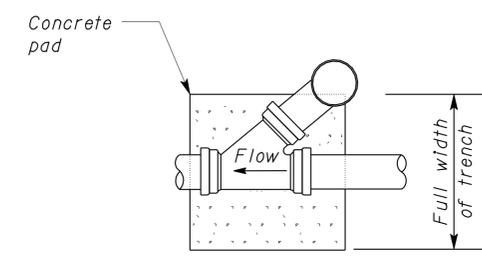
3 CLEANOUT (REDUCED CLEARANCE)



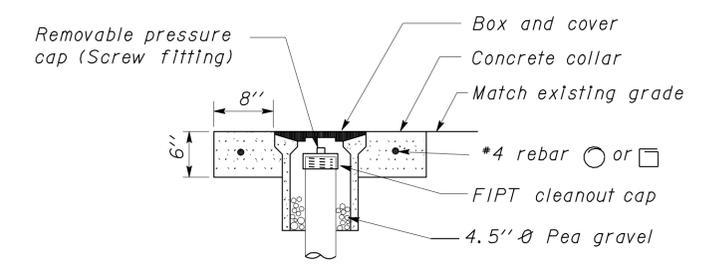
ELEVATION



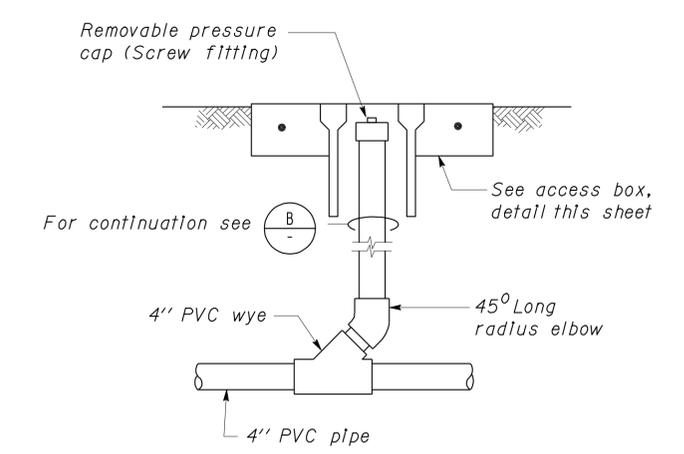
A COTG ACCESS BOX
NO SCALE



PLAN



B ACCESS BOX DETAIL
NO SCALE



4 FORCE MAIN CLEANOUT TO GRADE
NO SCALE

CLEANOUT TO GRADE

NO SCALE

Concrete pad shown typical for all cleanouts

DESIGN	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 08R0002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET M3-1
	DETAILS	BY <i>X</i>			CHECKED <i>Jack Wheeler</i>		
QUANTITIES	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>	CU 03246 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	36	59

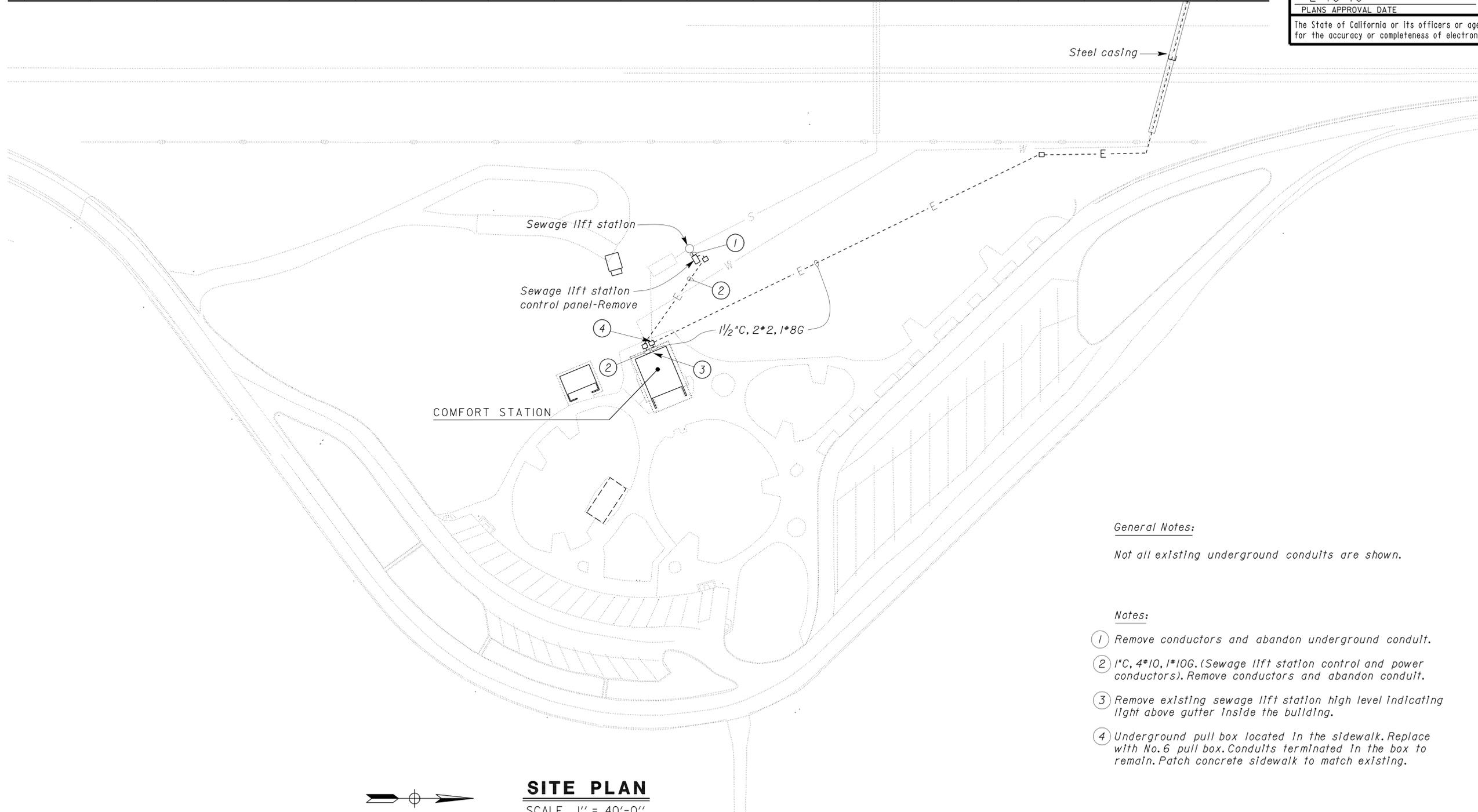
Jasvirinder K Sandhu
REGISTERED ELECTRICAL ENGINEER DATE 09-21-09

2-16-10
PLANS APPROVAL DATE

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49 50 51 52 53 54 55 56 57 58



General Notes:

Not all existing underground conduits are shown.

- Notes:**
- ① Remove conductors and abandon underground conduit.
 - ② 1" C, 4*10, 1*10G. (Sewage lift station control and power conductors). Remove conductors and abandon conduit.
 - ③ Remove existing sewage lift station high level indicating light above gutter inside the building.
 - ④ Underground pull box located in the sidewalk. Replace with No. 6 pull box. Conduits terminated in the box to remain. Patch concrete sidewalk to match existing.

SITE PLAN
SCALE 1" = 40'-0"

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN SUPERVISOR <i>J. S. Sandhu</i>	DESIGN BY <i>Helmy Abdelsayed</i>	CHECKED <i>J. S. Sandhu</i>
DESIGN ENGINEER <i>Jasvirinder K Sandhu</i>	DETAILS BY <i>Ed D. Tapalla 6/09</i>	CHECKED <i>Helmy Abdelsayed</i>
	QUANTITIES BY <i>Helmy Abdelsayed</i>	CHECKED <i>J. S. Sandhu</i>

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO. 080002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET EE1-1
POST MILE 9.5/10.5		
NORTHBOUND	EXISTING SITE PLAN	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	37	59

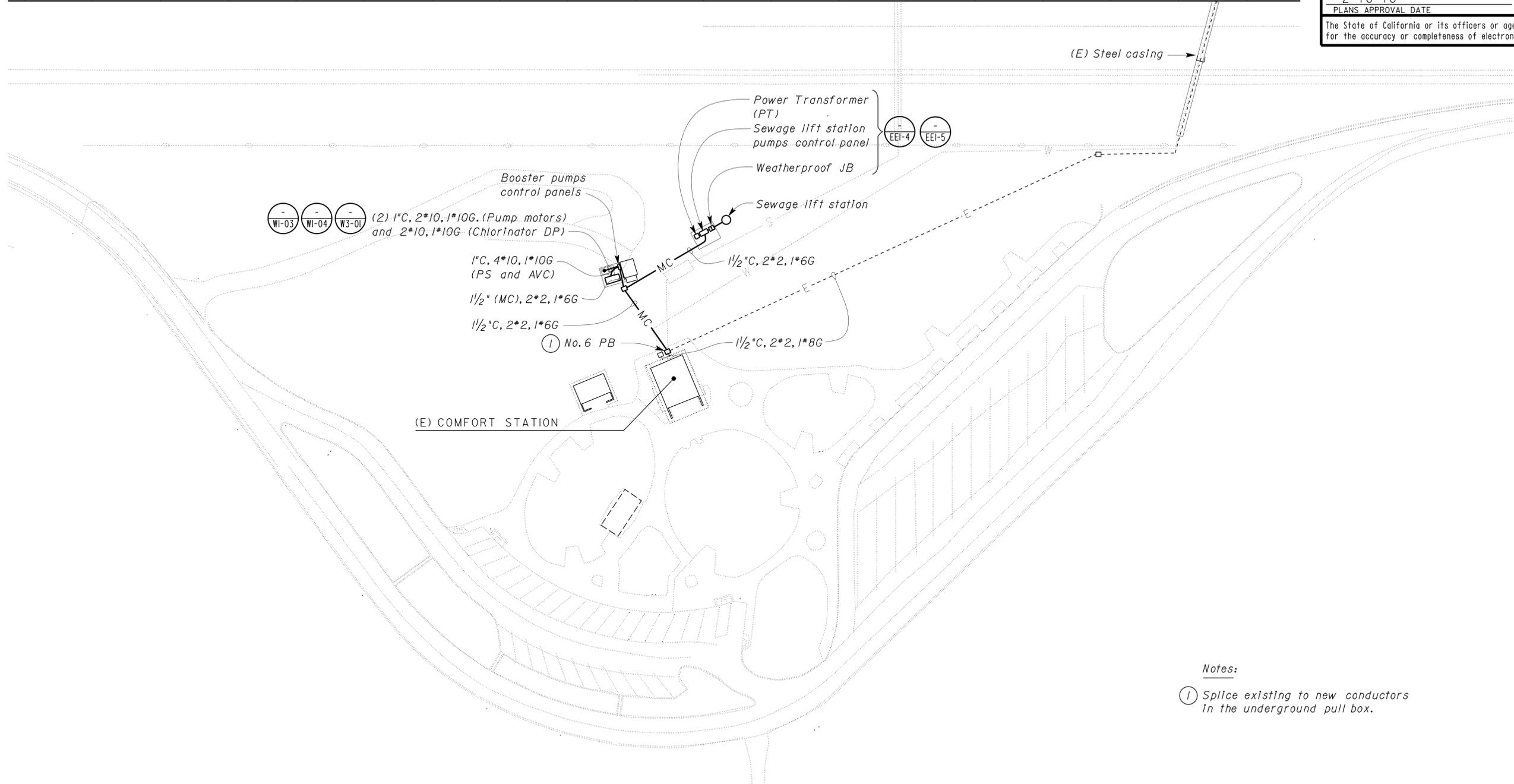
Jasvinder K Sandhu
REGISTERED ELECTRICAL ENGINEER DATE 09-21-09

2-16-10
PLANS APPROVAL DATE

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49 50 51 52 53 54 55 56 57 58



Notes:
① Splice existing to new conductors in the underground pull box.

SITE PLAN
SCALE 1" = 40'-0"

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

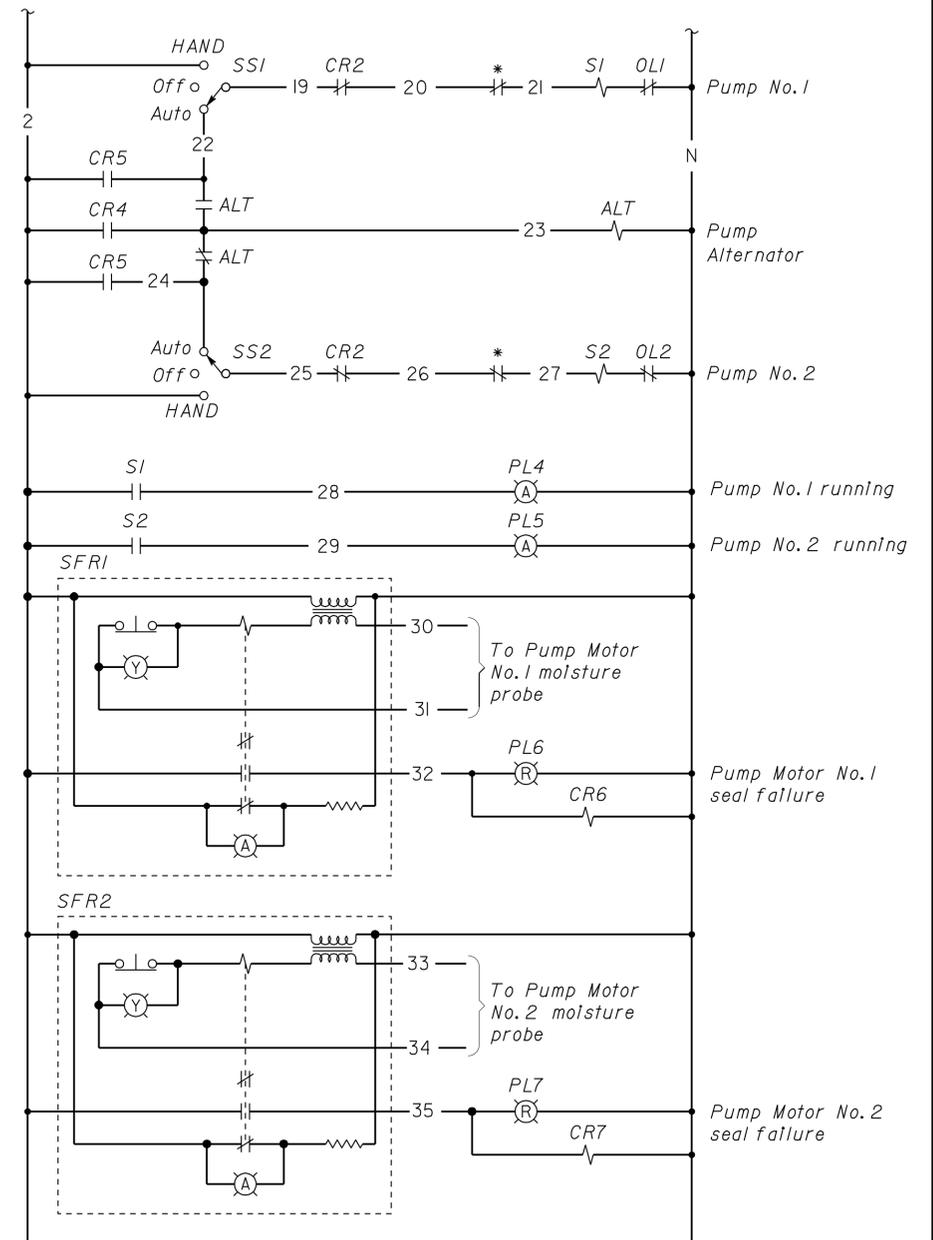
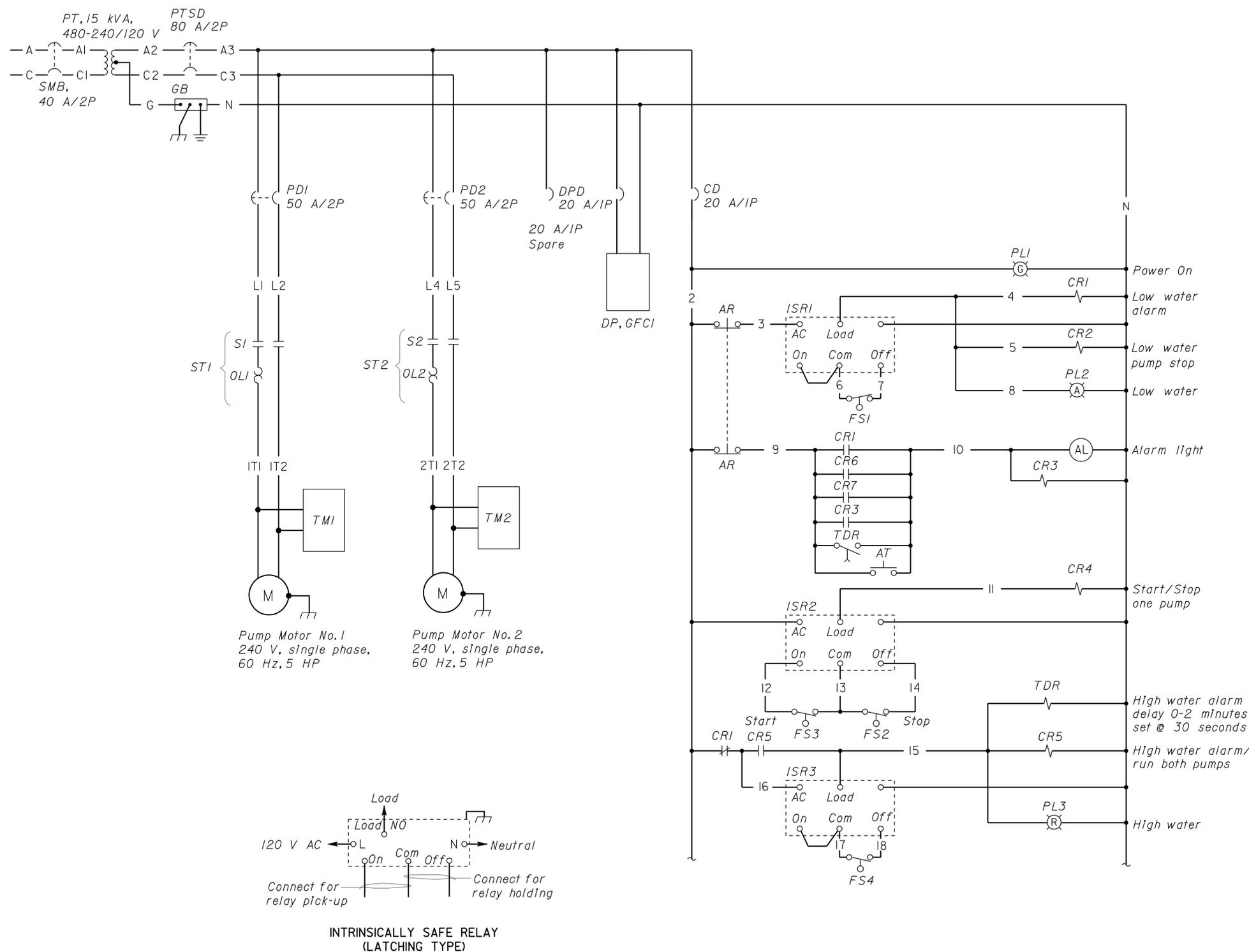
DESIGN BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 080002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE		SHEET EE1-2
			POST MILE 9.5/10.5	NORTHBOUND	MODIFIED SITE PLAN	
DETAILS BY <i>Ed D. Tapalla 6/09</i> CHECKED <i>Helmy Abdelsayed</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU 03246 EA 0E8001	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF
QUANTITIES BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>			7/1/08 9/2/08			

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	38	59

Jasvinder K Sandhu
 REGISTERED ELECTRICAL ENGINEER DATE 09-21-09
 No. 11803
 Exp. 9-30-10
 ELEC
 STATE OF CALIFORNIA

2-16-10
 PLANS APPROVAL DATE

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SCHEMATIC DIAGRAM

* Motor Integral thermal protection

DESIGN BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i> DETAILS BY <i>Ed D. Tapalla 6/09</i> CHECKED <i>Helmy Abdelsayed</i> QUANTITIES BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 080002R/L POST MILE 9.5/10.5	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE NORTHBOUND SEWAGE LIFT STATION PUMP SCHEMATIC DIAGRAM	SHEET EE1-3 OF
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			CU 03246 EA 0E8001		DISREGARD PRINTS BEARING EARLIER REVISION DATES →
DOES SD Imperial Rev. 9/02			REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF

12-APR-2010 09:47 ee1_03.dgn

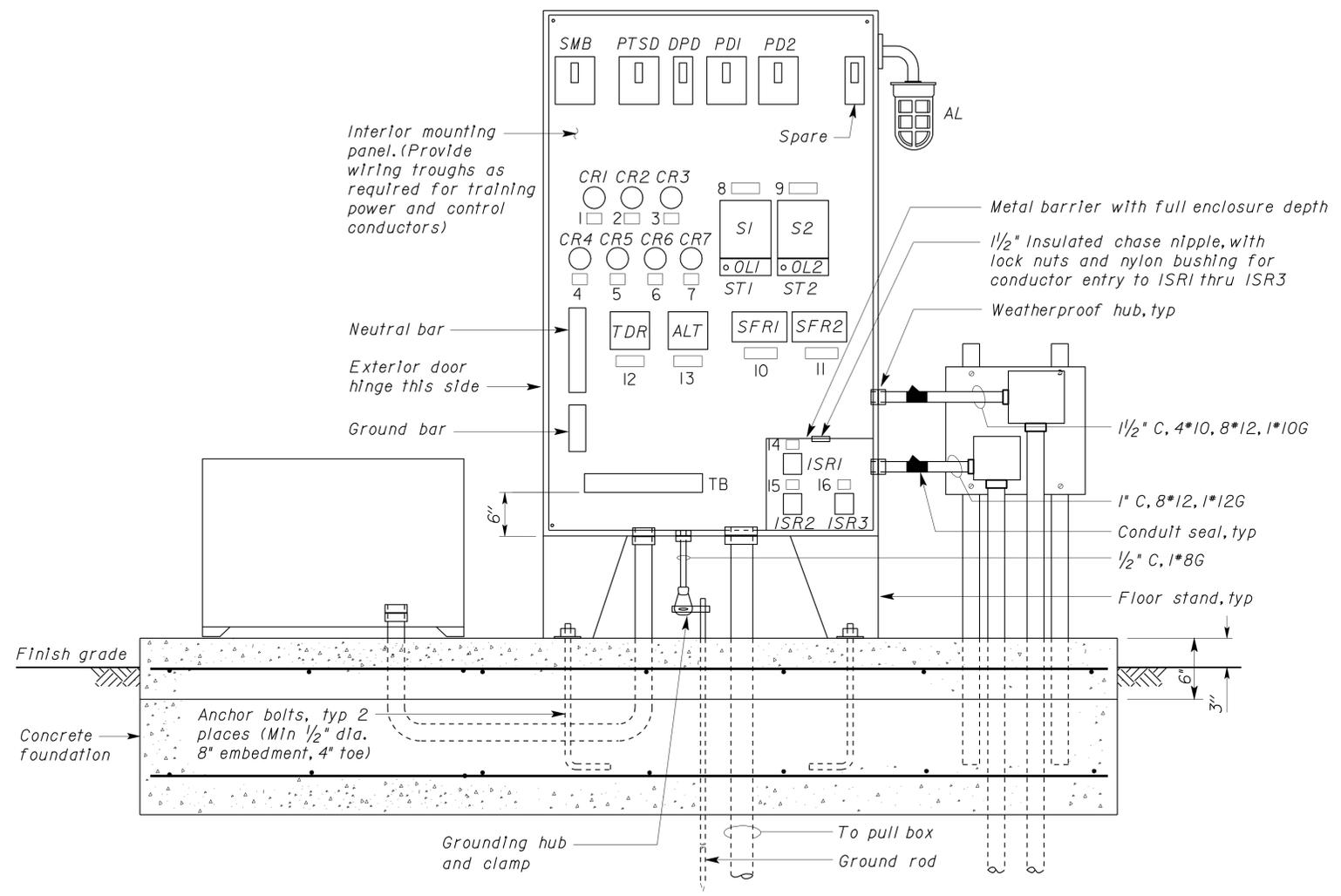
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	39	59

Jasvinder S Sandhu
 REGISTERED ELECTRICAL ENGINEER DATE 09-21-09



2-16-10
 PLANS APPROVAL DATE

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General Note:

For additional information not shown on this sheet, see sheet EE1-5.

(CONTROL PANEL EXTERIOR DOOR AND HINGED INTERIOR DEADFRONT PANEL NOT SHOWN)

A ELEVATION
 NO SCALE

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 080002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET	
			POST MILE 9.5/10.5		NORTHBOUND	EE1-4
DETAILS BY <i>Ed D. Tapalla 6/09</i> CHECKED <i>Helmy Abdelsayed</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU 03246 EA 0E8001	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET
QUANTITIES BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>			6/18/09 9/21/09			OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	40	59

Jasvinder S. Sandhu
REGISTERED ELECTRICAL ENGINEER DATE 09-21-09

PLANS APPROVAL DATE 2-16-10

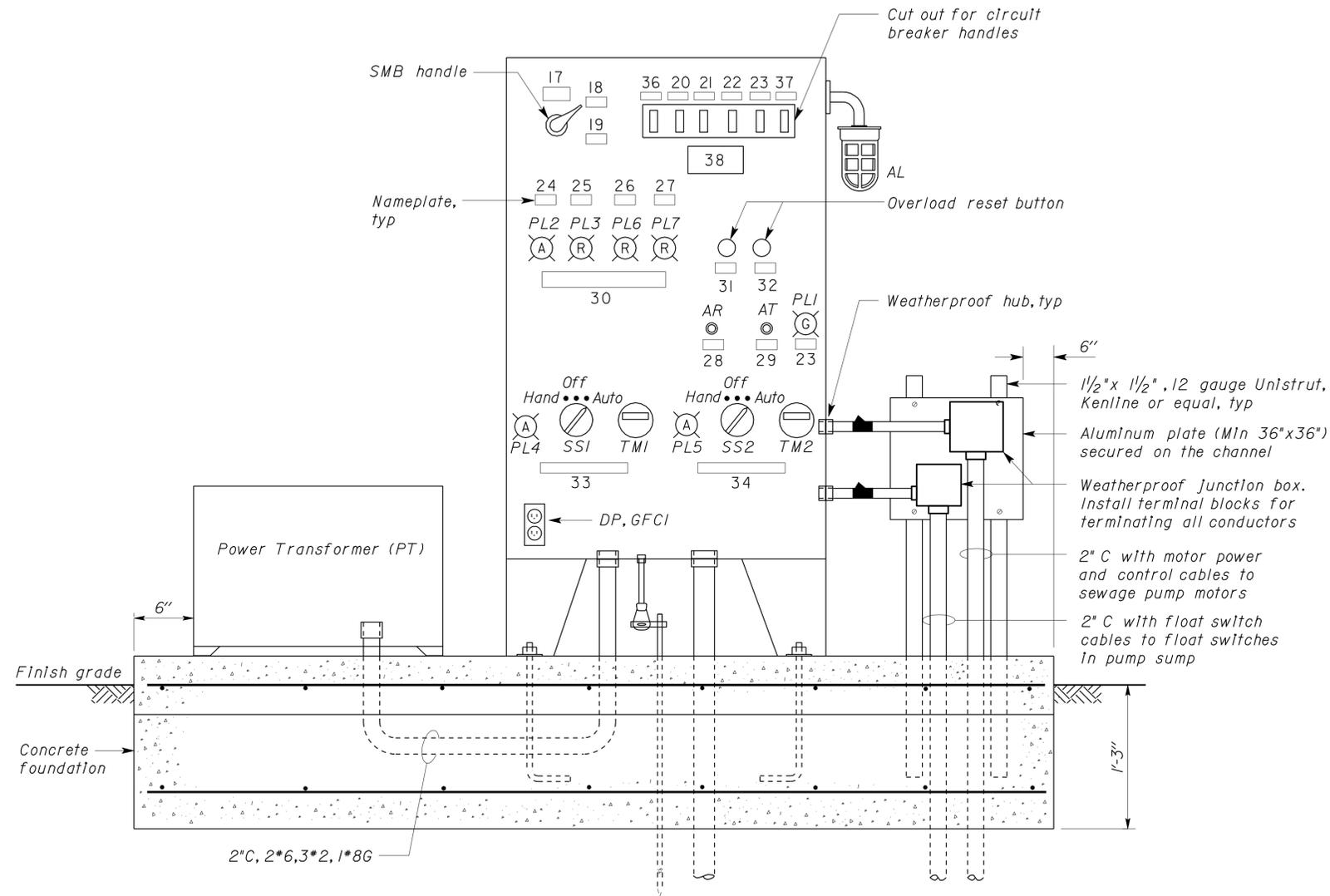
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General Notes:

A. For Nameplate Schedule, see sheet EEI-6

B. For additional Information not shown on this sheet, see sheet EEI-4.

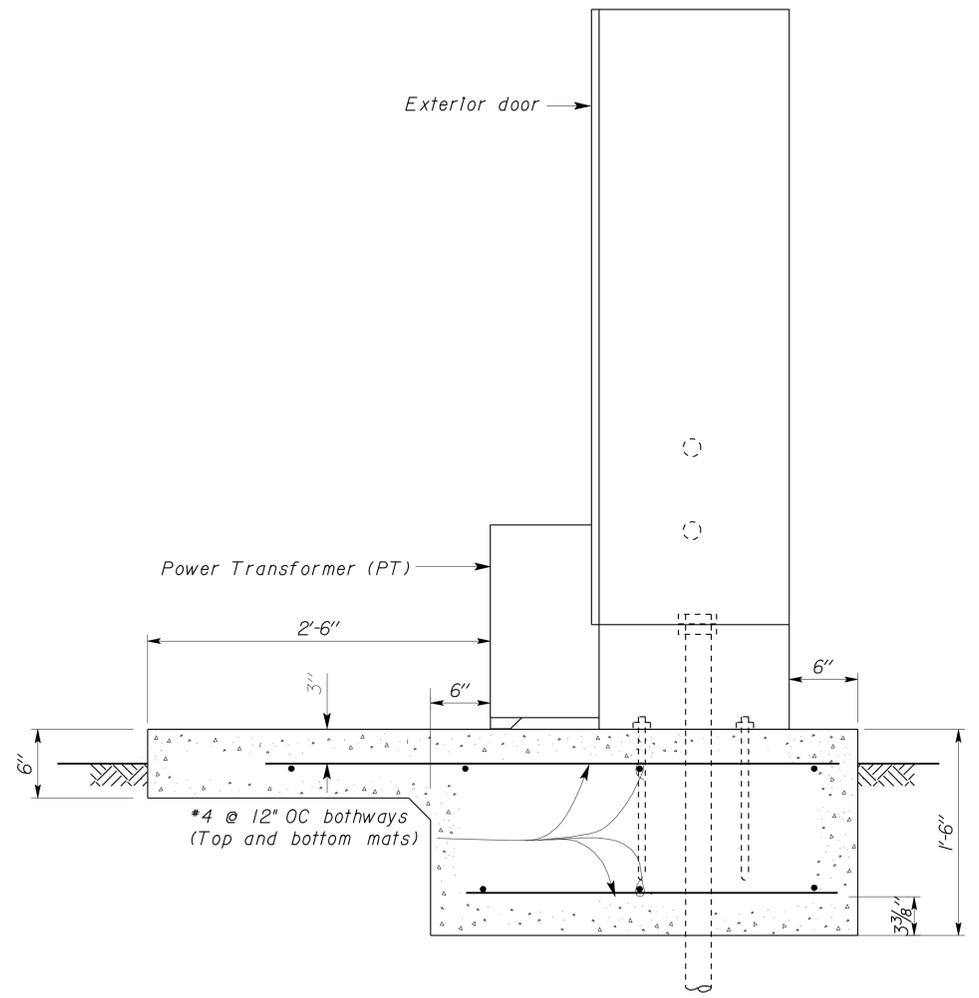


(CONTROL PANEL EXTERIOR DOOR NOT SHOWN, HINGED INTERIOR DEADFRONT PANEL CLOSED)

A ELEVATION
NO SCALE

General Note:

For additional Information not shown on this sheet, see sheet EEI-4.



END VIEW
NO SCALE
(WEATHERPROOF JUNCTION BOXES ARE NOT SHOWN FOR CLARITY)

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 080002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET EE1-5
			POST MILE 9.5/10.5		
DETAILS BY <i>Ed D. Tapalla 6/09</i> CHECKED <i>Helmy Abdelsayed</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU 03246 EA 0E8001	REVISION DATES (PRELIMINARY STAGE ONLY)		
QUANTITIES BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>			DISREGARD PRINTS BEARING EARLIER REVISION DATES → 6/19/09 9/21/09		

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	41	59

Jasvinder S Sandhu
REGISTERED ELECTRICAL ENGINEER DATE 09-21-09
No. 11803
Exp. 9-30-10
ELEC
STATE OF CALIFORNIA

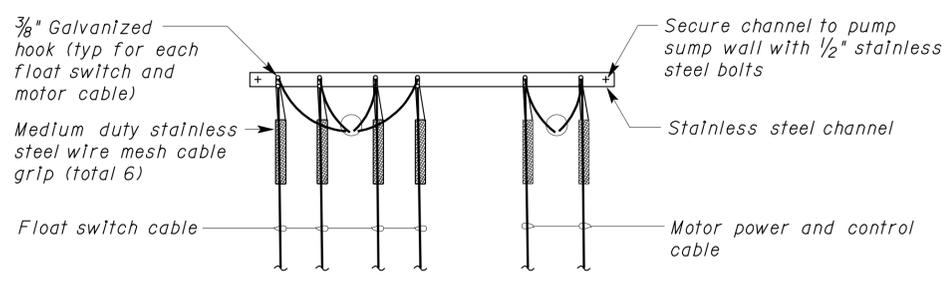
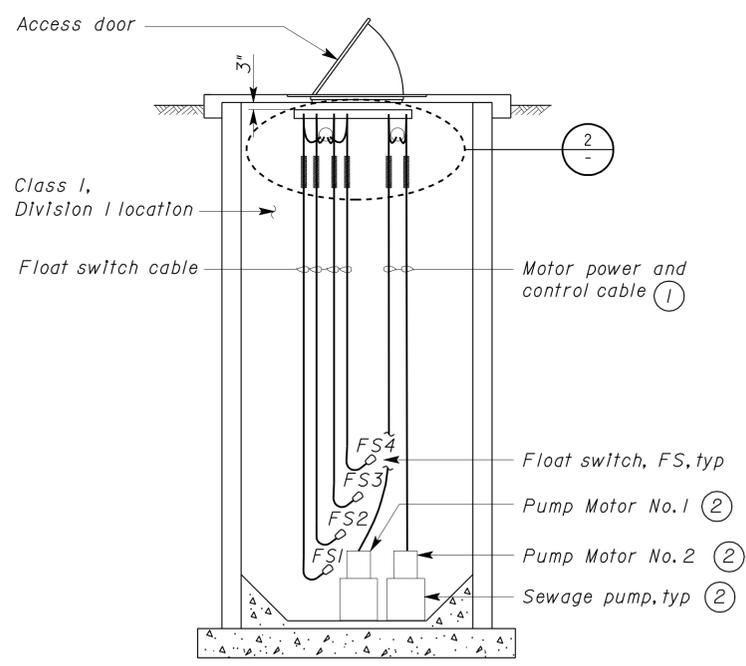
2-16-10
PLANS APPROVAL DATE

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NAMEPLATE SCHEDULE					
ITEM NO.	INSCRIPTION	LETTER HEIGHT	ITEM NO.	INSCRIPTION	LETTER HEIGHT
1	CR1	1/4"	21	PUMP NO. 1	1/4"
2	CR2	1/4"	22	PUMP NO. 2	1/4"
3	CR3	1/4"	23	CONTROL	1/4"
4	CR4	1/4"	24	LOW WATER	1/4"
5	CR5	1/4"	25	HIGH WATER	1/4"
6	CR6	1/4"	26	PUMP NO. 1 SEAL FAILED	1/4"
7	CR7	1/4"	27	PUMP NO. 2 SEAL FAILED	1/4"
8	ST1	1/4"	28	ALARM RESET	1/4"
9	ST2	1/4"	29	ALARM TEST	1/4"
10	SFRI	1/4"	30	ALARMS	1/4"
11	SFR2	1/4"	31	OL RESET PUMP NO. 1	1/4"
12	TDR	1/4"	32	OL RESET PUMP NO. 2	1/4"
13	ALTERNATOR	1/4"	33	PUMP NO. 1	1/4"
14	ISRI	1/4"	34	PUMP NO. 2	1/4"
15	ISR2	1/4"	35	SEWAGE LIFT STATION CONTROL CABINET	3/8"
16	ISR3	1/4"			
17	MAIN	3/8"	36	TRANSFORMER SECONDARY	1/4"
18	ON	1/4"	37	SPARE	1/4"
19	OFF	1/4"			
20	RECEPTACLE				

WARNING NAMEPLATE		
ITEM NO.	INSCRIPTION	LETTER HEIGHT
38	WARNING: MOTOR DISCONNECT DOES NOT OPEN CONTROL CIRCUIT	3/8"

- General Notes:
- A. For float switch elevations, see Mechanical Plans.
 - B. For orientation of conduits from control panel to sump, see Sanitary Plans.
- Notes:
- ① Coil minimum 5 feet of each cable and attach the coiled cables to pump rail hook. Pump rail is not shown for clarity.
 - ② Sewage pump and motor shown offset for clarity. For exact location, see Mechanical Plans.
 - ③ Nameplate No. 35 shall be mounted on the exterior door.



1 SEWAGE LIFT STATION
NO SCALE

2 CABLE MOUNTING DETAIL
NO SCALE

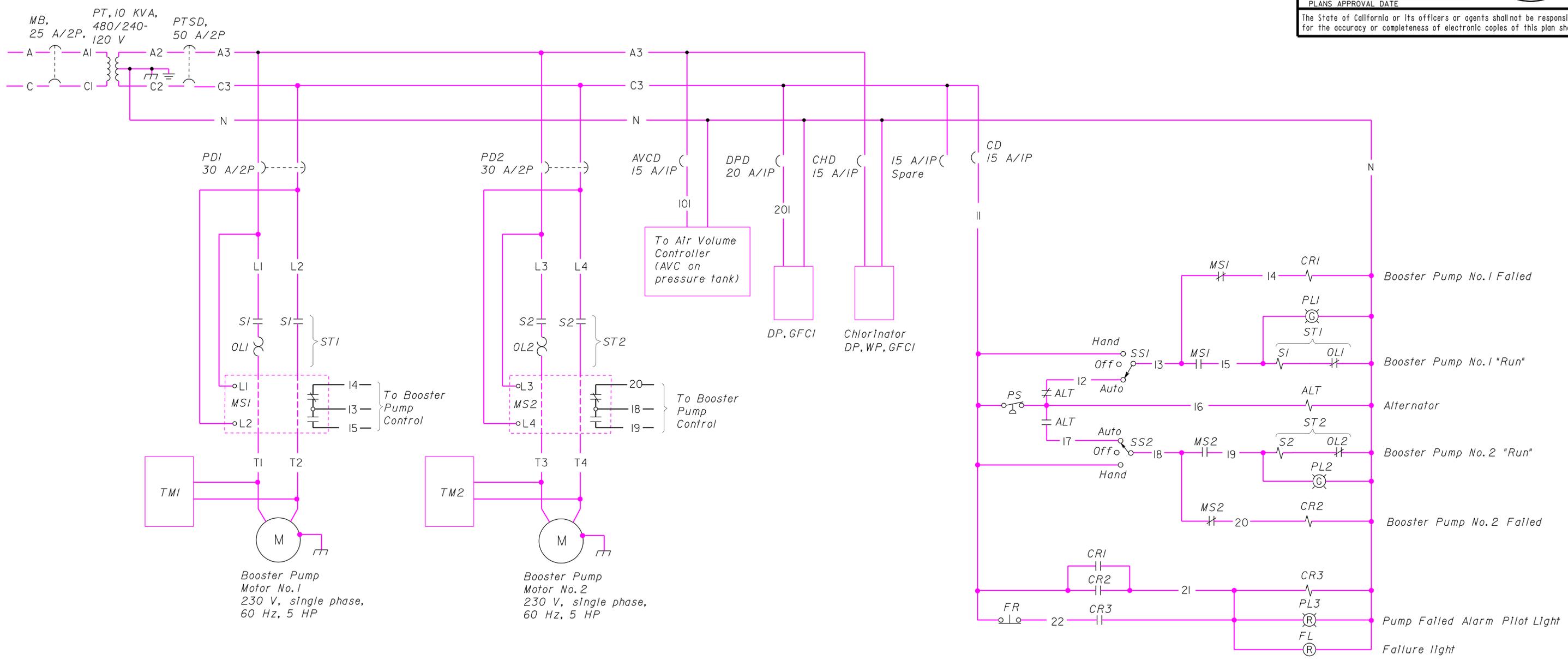
THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET	
			080002R/L		NORTHBOUND	EE1-6
			POST MILE 9.5/10.5			
DETAILS BY <i>Ed D. Tapalla 6/09</i> CHECKED <i>Helmy Abdelsayed</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 03246 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF	
QUANTITIES BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	0 1 2 3		6/7/09 9/21/09			

DOES SD Imperial Rev. 9/02

12-APR-2010 09:47 ee1_06.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	42	59
<i>Jasvinder S Sandhu</i> REGISTERED ELECTRICAL ENGINEER DATE 09-21-09					
2-16-10 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.					



SCHEMATIC DIAGRAM

DESIGN	BY <i>Helmy Abdelsayed</i>	CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET EE1-7		
	DETAILS	BY <i>Ed D. Tapalla 7/09</i>			CHECKED <i>Helmy Abdelsayed</i>			080002R/L	
	QUANTITIES	BY <i>Helmy Abdelsayed</i>			CHECKED <i>J. S. Sandhu</i>			POST MILE 9.5/10.5	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				CU 03246 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES			REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	43	59

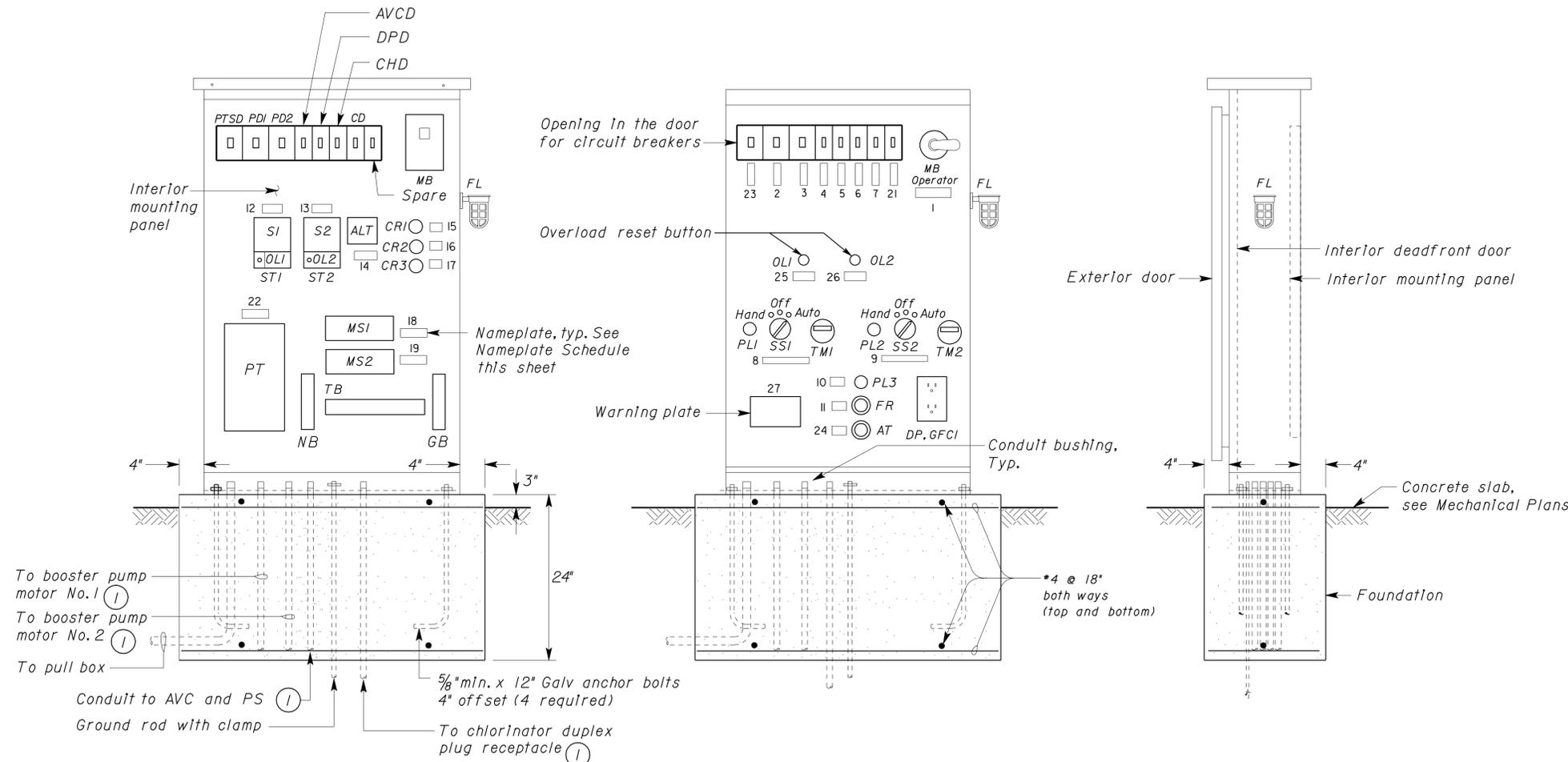
Jasvinder K Sandhu
 REGISTERED ELECTRICAL ENGINEER
 DATE 09-21-09
 No. 11803
 Exp. 9-30-10
 ELEC
 STATE OF CALIFORNIA

2-16-10
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.

Notes:

- ① For routing conduit to pump motor and chlorinator, see Water (W) plan sheets.
- ② Mount nameplate on exterior door.



(CONTROL PANEL EXTERIOR DOOR AND INTERIOR DEADFRONT DOOR NOT SHOWN)

ELEVATION
NO SCALE

(CONTROL PANEL EXTERIOR DOOR NOT SHOWN, INTERIOR DEADFRONT DOOR CLOSED)

SIDE VIEW
No Scale

NAMEPLATE SCHEDULE		
ITEM NO.	INSCRIPTION	LETTER SIZE (Inch)
1	MAIN BREAKER	1/4
2	PUMP NO. 1	1/4
3	PUMP NO. 2	1/4
4	AVC DISCONNECT	1/4
5	RECEPTACLE OUTLET	1/4
6	CHLORINATOR	1/4
7	CONTROL DISCONNECT	1/4
8	PUMP NO. 1	1/4
9	PUMP NO. 2	1/4
10	PUMP FAILED	1/4
11	ALARM RESET	1/4
12	ST1	1/4
13	ST2	1/4
14	ALT	1/4
15	CRI	1/4
16	CR2	1/4
17	CR3	1/4
18	MOTOR SAVER NO. 1	1/4
19	MOTOR SAVER NO. 2	1/4
20	BOOSTER PUMPS CONTROL PANEL	1/2
21	SPARE	1/4
22	PT	1/4
23	TRANSFORMER SECONDARY	1/4
24	ALARM TEST	1/4
25	OL RESET PUMP NO 1	1/4
26	OL RESET PUMP NO 2	1/4

WARNING PLATE		
ITEM NO.	INSCRIPTION	LETTER SIZE (Inch)
27	PUMP DISCONNECT DOES NOT OPEN CONTROL CIRCUIT	1/2

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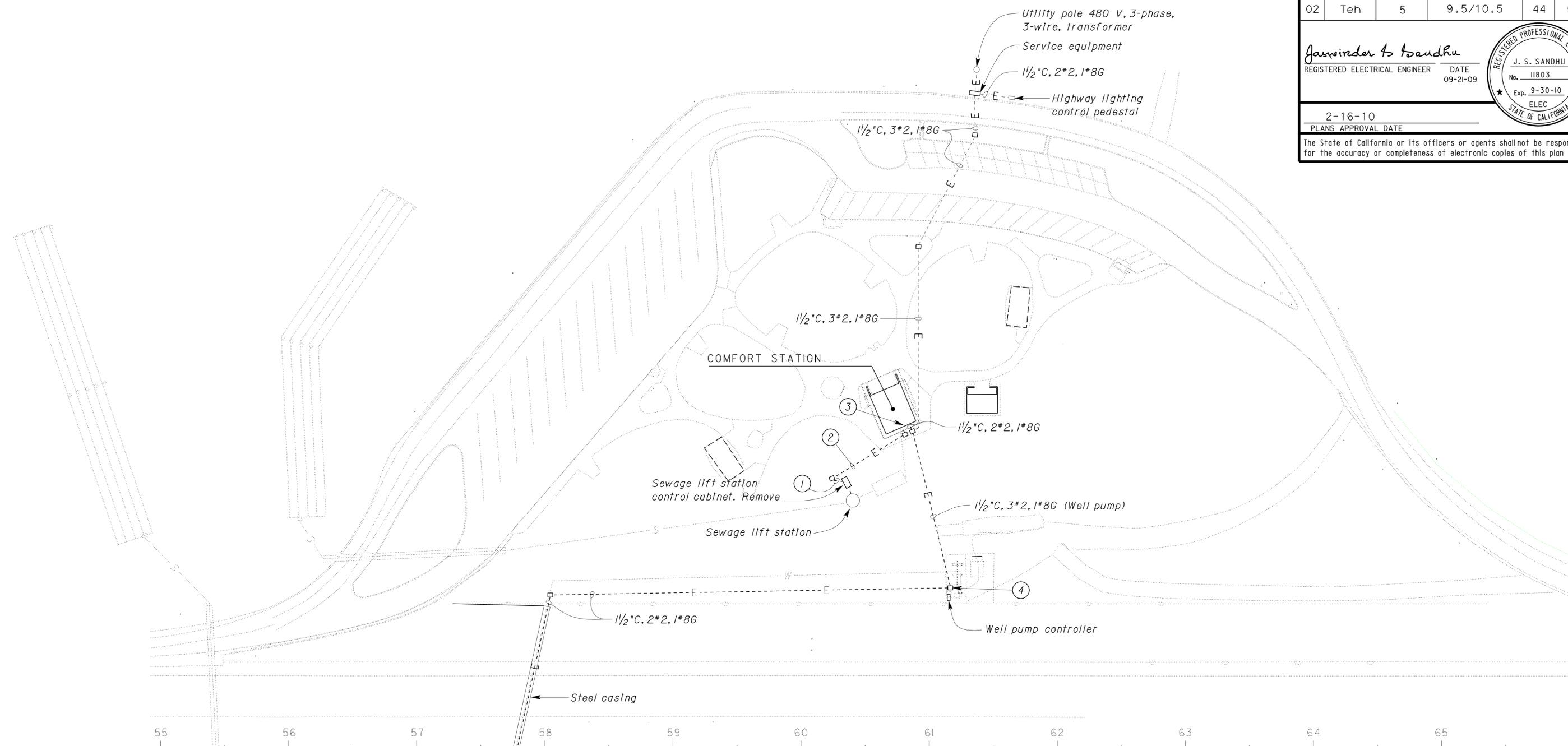
DESIGN BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 080002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET
			POST MILE 9.5/10.5		NORTHBOUND
DETAILS BY <i>Ed D. Tapalla 7/09</i> CHECKED <i>Helmy Abdelsayed</i>				BOOSTER PUMPS CONTROL PANEL DETAILS	OF
QUANTITIES BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>				REVISION DATES (PRELIMINARY STAGE ONLY)	
DOES SD Imperial Rev. 9/02	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 03246 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	8/20/09 9/21/09	ee1_08.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	44	59

<i>Jasvinder S. Sandhu</i>		REGISTERED ELECTRICAL ENGINEER	DATE
			09-21-09

2-16-10	
PLANS APPROVAL DATE	

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General Notes:
 Not all existing underground conduits are shown.

SITE PLAN
 SCALE 1" = 40'-0"

- Notes:**
- ① Remove conductors and abandon underground conduit.
 - ② 1" C, 4*10, 1*10G. (Sewage lift station control and power conductors). Remove conductors and abandon conduit.
 - ③ Remove existing sewage lift station high level indicating light above gutter inside the building.
 - ④ Replace underground pull box with No. 6 pull box. Conduit terminated in the box to remain.

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

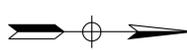
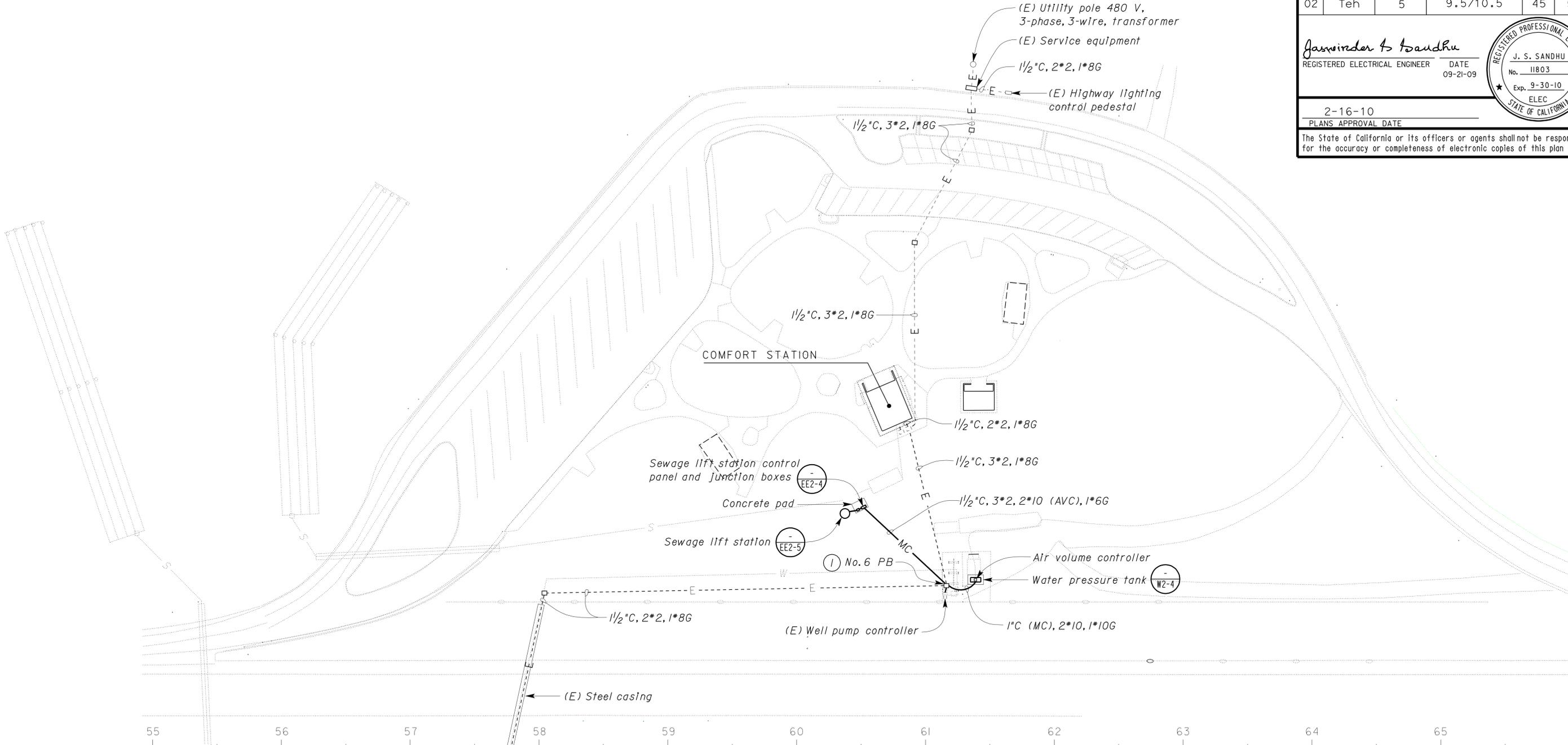
DOES SD Imperial Rev. 9/02	DESIGN	BY <i>Helmy Abdelsayed</i>	CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET									
	DETAILS	BY <i>Ed D. Tapalla 6/09</i>	CHECKED <i>Helmy Abdelsayed</i>		ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	080002R/L		SOUTHBOUND	EE2-1								
QUANTITIES	BY <i>Helmy Abdelsayed</i>	CHECKED <i>J. S. Sandhu</i>				9.5/10.5		EXISTING SITE PLAN	OF								
				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 03246 EA 0E8001	REVISION DATES (PRELIMINARY STAGE ONLY)										
							DISREGARD PRINTS BEARING EARLIER REVISION DATES	<table border="1" style="font-size: small;"> <tr> <td>7/1/09</td> <td>9/2/09</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	7/1/09	9/2/09							
7/1/09	9/2/09																

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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	45	59

<i>Jasvinder K Sandhu</i>		REGISTERED ELECTRICAL ENGINEER		DATE	09-21-09
				PLANS APPROVAL DATE	
				2-16-10	

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SITE PLAN
SCALE 1" = 40'-0"

Notes:
 ① Splice existing to new conductors in the underground pull box.

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET
			080002R/L		EE2-2
DETAILS BY <i>Ed D. Tapalla 6/09</i> CHECKED <i>Helmy Abdelsayed</i>			POST MILE	SOUTHBOUND	MODIFIED SITE PLAN
QUANTITIES BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>			9.5/10.5		
DOES SD Imperial Rev. 9/02	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 03246 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	
	0 1 2 3			7/1/08	9/21/09

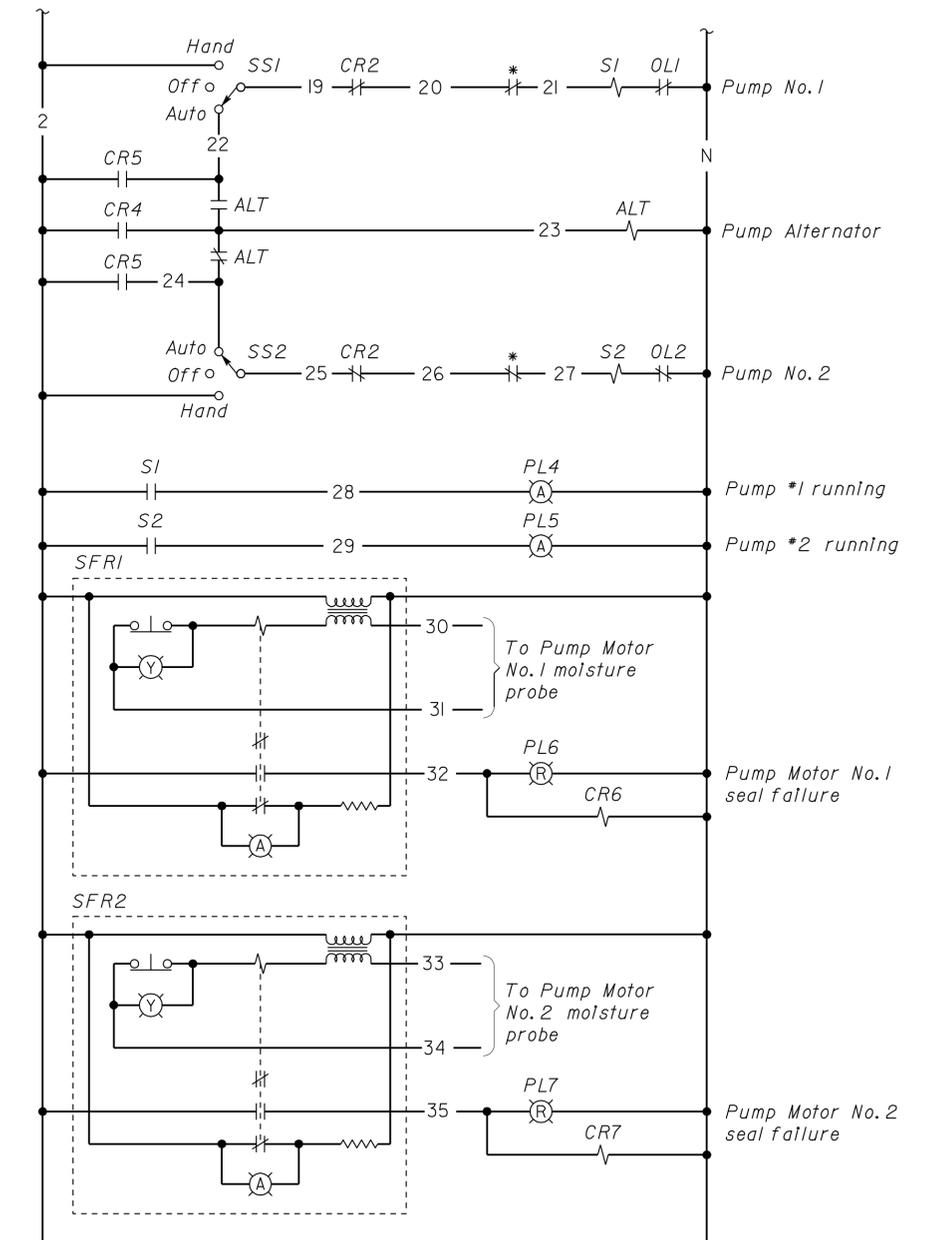
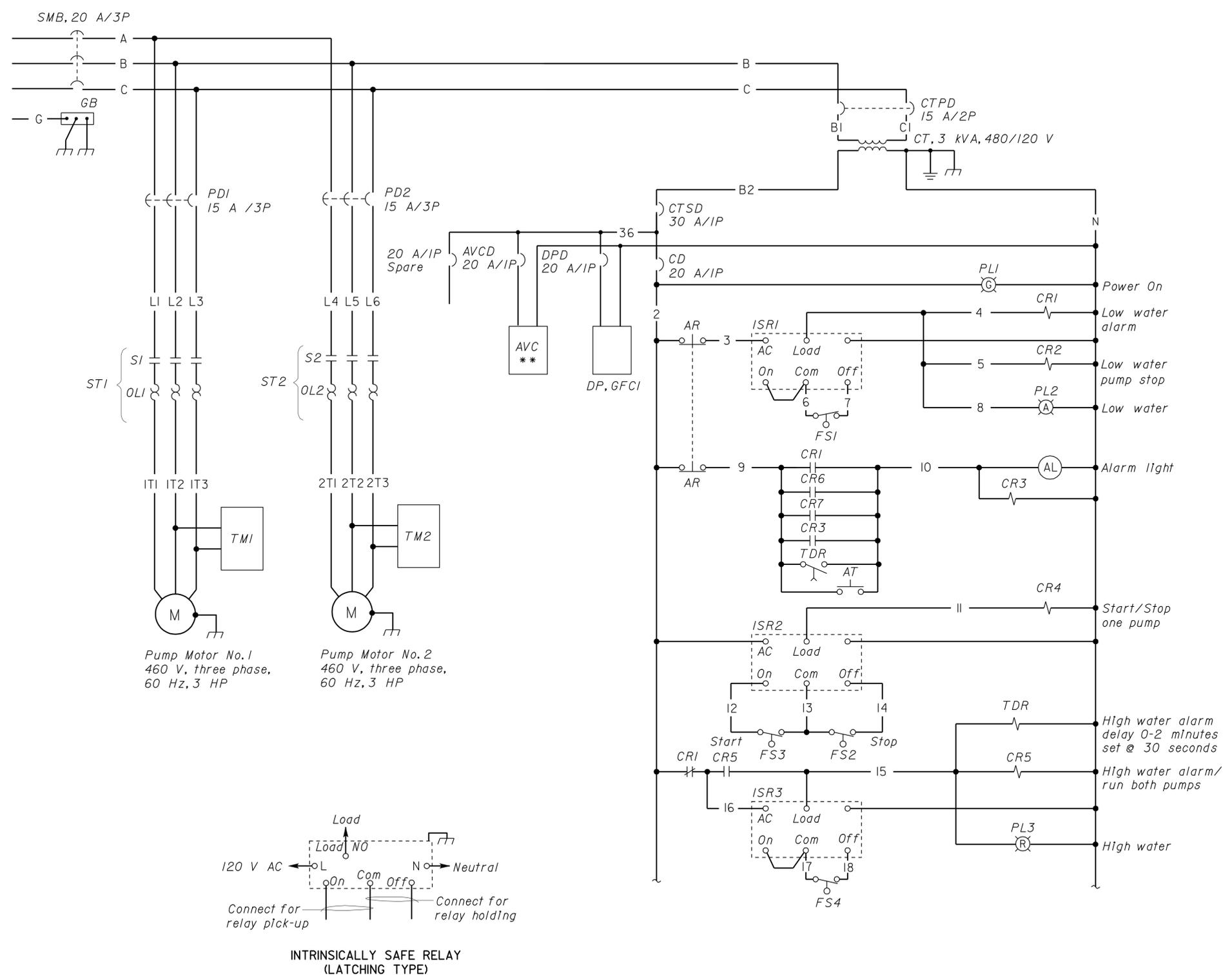
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	46	59

Jasvinder S Sandhu
 REGISTERED ELECTRICAL ENGINEER
 DATE 09-21-09
 No. 11803
 Exp. 9-30-10
 ELEC
 STATE OF CALIFORNIA

2-16-10
 PLANS APPROVAL DATE

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SCHEMATIC DIAGRAM

* Motor Integral thermal protection
 ** For the existing well pump system.

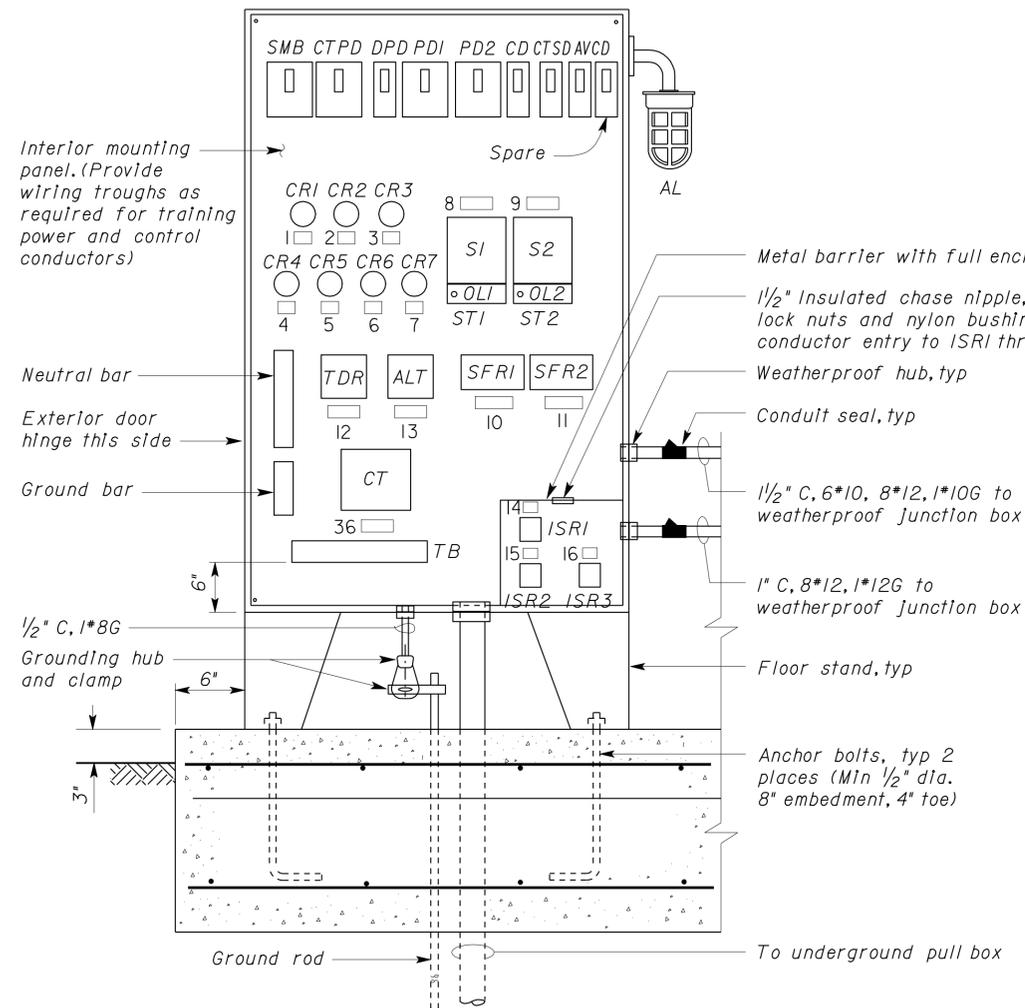
DOES SD Imperial Rev. 9/02	DESIGN	BY <i>Helmy Abdelsayed</i>	CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	080002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET	EE2-3		
	DETAILS	BY <i>Ed D. Tapalla 6/09</i>	CHECKED <i>Helmy Abdelsayed</i>		POST MILE	9.5/10.5		SOUTHBOUND		SEWAGE LIFT STATION PUMP SCHEMATIC DIAGRAM	OF
	QUANTITIES	BY <i>Helmy Abdelsayed</i>	CHECKED <i>J. S. Sandhu</i>		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3		CU 03246 EA 0E8001		DISREGARD PRINTS BEARING EARLIER REVISION DATES →	REVISION DATES (PRELIMINARY STAGE ONLY)

12-APR-2010 09:48 ee2_03.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	47	59

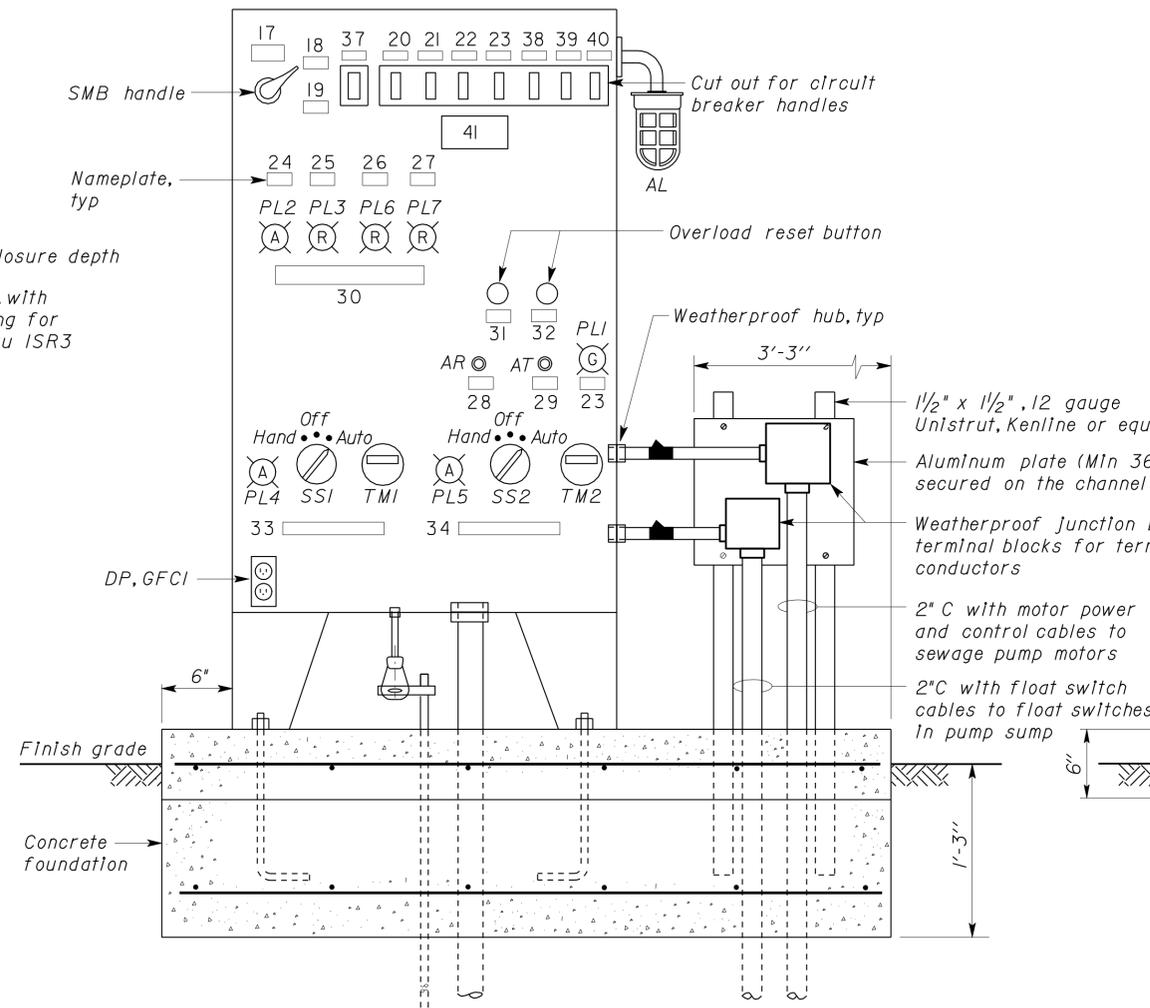
<i>Jasvinder K Sandhu</i> REGISTERED ELECTRICAL ENGINEER		DATE 09-21-09
2-16-10 PLANS APPROVAL DATE		
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General Note:
 For Nameplate Schedule, see sheet EE2-5

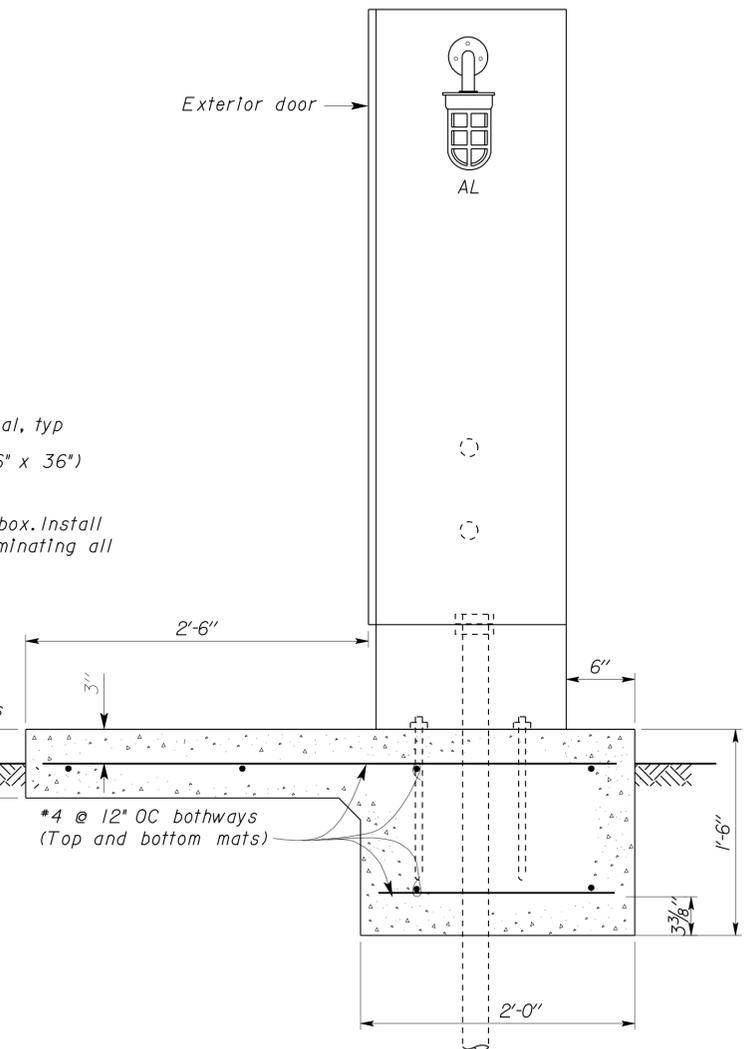


(CONTROL PANEL EXTERIOR DOOR AND HINGED INTERIOR DEADFRONT PANEL NOT SHOWN)

A ELEVATION
 NO SCALE



(CONTROL PANEL EXTERIOR DOOR NOT SHOWN, HINGED INTERIOR DEADFRONT PANEL CLOSED)



END VIEW
 NO SCALE
 (WEATHERPROOF JUNCTION BOXES ARE NOT SHOWN FOR CLARITY)

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN	BY Helmy Abdelsayed	CHECKED J. S. Sandhu	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET
	DETAILS	BY Ed D. Tapalla 6/09			CHECKED Helmy Abdelsayed		080002R/L
QUANTITIES	BY Helmy Abdelsayed	CHECKED J. S. Sandhu	CU 03246 EA 0E8001	POST MILE	9.5/10.5	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
DOES SD Imperial Rev. 9/02		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		DISREGARD PRINTS BEARING EARLIER REVISION DATES		6/19/09 8/20/09 9/21/09	12-APR-2010 09:48

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	48	59

Jasvinder S. Sandhu
REGISTERED ELECTRICAL ENGINEER DATE 09-21-09
No. 11803
Exp. 9-30-10
ELEC
STATE OF CALIFORNIA

2-16-10
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.

NAMEPLATE SCHEDULE					
ITEM NO.	INSCRIPTION	LETTER HEIGHT	ITEM NO.	INSCRIPTION	LETTER HEIGHT
1	CR1	1/4"	21	PUMP NO. 1	1/4"
2	CR2	1/4"	22	PUMP NO. 2	1/4"
3	CR3	1/4"	23	CONTROL	1/4"
4	CR4	1/4"	24	LOW WATER	1/4"
5	CR5	1/4"	25	HIGH WATER	1/4"
6	CR6	1/4"	26	PUMP NO. 1 SEAL FAILED	1/4"
7	CR7	1/4"	27	PUMP NO. 2 SEAL FAILED	1/4"
8	ST1	1/4"	28	ALARM RESET	1/4"
9	ST2	1/4"	29	ALARM TEST	1/4"
10	SFRI	1/4"	30	ALARMS	1/4"
11	SFR2	1/4"	31	RESET PUMP NO. 1	1/4"
12	TDR	1/4"	32	RESET PUMP NO. 2	1/4"
13	ALTERNATOR	1/4"	33	PUMP NO. 1	1/4"
14	ISRI	1/4"	34	PUMP NO. 2	1/4"
15	ISR2	1/4"	35	SEWAGE LIFT STATION CONTROL CABINET	3/8"
16	ISR3	1/4"			
17	MAIN	3/8"	36	CT	1/4"
18	ON	1/4"	37	TRANSFORMER PRIMARY	1/4"
19	OFF	1/4"	38	TRANSFORMER SECONDARY	1/4"
20	RECEPTACLE	1/4"	39	AIR VOLUME CONTROLLER	1/4"
			40	SPARE	1/4"

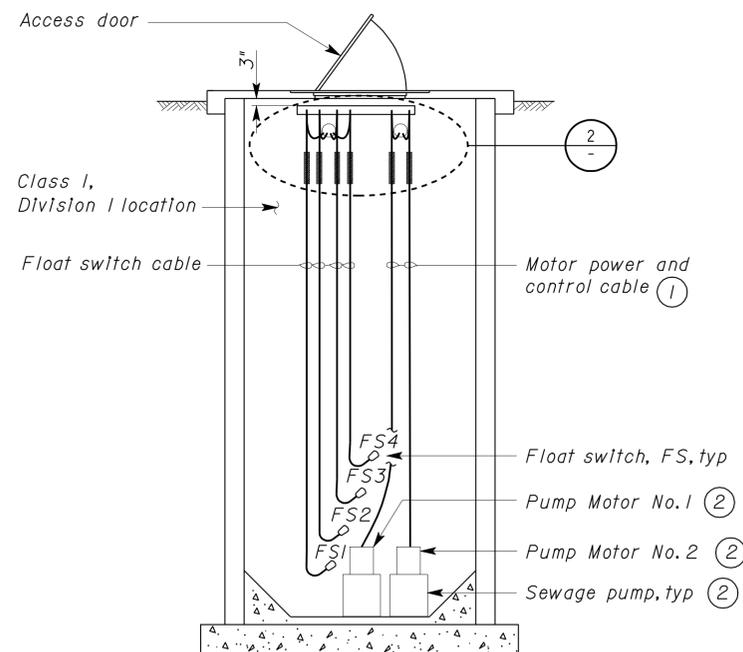
WARNING NAMEPLATE		
ITEM NO.	INSCRIPTION	LETTER HEIGHT
41	WARNING: MOTOR DISCONNECT DOES NOT OPEN CONTROL CIRCUIT	3/8"

General Notes:

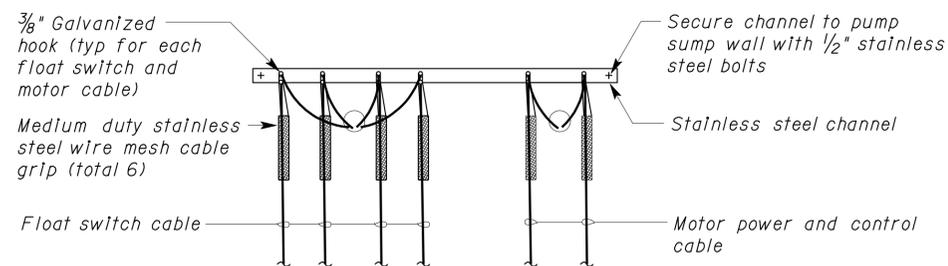
- A. For float switch elevations, see Mechanical Plans.
- B. For orientation of conduits from control panel to sump, see Sanitary Plans.

Notes:

- ① Coil minimum 5 feet of each cable and attach the coiled cables to pump rail hook. Pump rail is not shown for clarity.
- ② Sewage pump and motor shown offset for clarity. For exact location, see Mechanical Plans.
- ③ Nameplate No. 35 shall be mounted on the exterior door.



1 SEWAGE LIFT STATION
NO SCALE



2 CABLE MOUNTING DETAIL
NO SCALE

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 080002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE		SHEET
			POST MILE 9.5/10.5	SOUTHBOUND	SEWAGE LIFT STATION DETAILS	EE2-5
DETAILS BY <i>Ed D. Tapalla 6/09</i> CHECKED <i>Helmy Abdelsayed</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 03246 EA 0E8001	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET	OF
QUANTITIES BY <i>Helmy Abdelsayed</i> CHECKED <i>J. S. Sandhu</i>	0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	6/7/09	9/21/09		

ABBREVIATIONS

AB	AGGREGATE BASE	IN	INCH
AC	ASPHALT CONCRETE	IR	IRRIGATION
ACP	ASBESTOS CEMENT PIPE	JB	JUNCTION BOX
AIS	AGRICULTURAL INSPECTION STATION	KW	KILOWATT
B	BUNG	LB	POUND
BLDG	BUILDING	LT	LEFT
C	CONDUIT	MAX	MAXIMUM
C-C	CENTER TO CENTER	MBV	MOTORIZED BALL VALVE
CFS	CUBIC FEET PER SECOND	MH	MANHOLE
CI	CAST IRON	MIN	MINIMUM
CL	CHAIN LINK	N	NORTH
CMP	CORRUGATED METAL PIPE	NB	NORTHBOUND
CONC	CONCRETE	NIC	NOT IN CONTRACT
COTF	CLEANOUT TO FLOOR	NO	NUMBER
COTG	CLEANOUT TO GRADE	OAL	OVERALL LENGTH
CPLG	COUPLING	OC	ON CENTER
CVEF	CALIFORNIA VEHICLE ENFORCEMENT FACILITY	OD	OUTSIDE DIAMETER
CW	COLD WATER PIPE	OG	ORIGINAL GROUND
D	DRAIN	P	PITCH
DBH	DIAMETER AT BREAST HEIGHT	PCC	PORTLAND CEMENT CONCRETE
DI	DRAIN INLET	PH	PHASE
DIA	DIAMETER	PRV	PRESSURE REDUCING VALVE
DP	DRAIN PIPE	PVC	POLYVINYL CHLORIDE
E	ELECTRICAL	R	RADIUS
(E)	EXISTING	RCP	REINFORCED CONCRETE PIPE
EA	EACH	REQ	REQUIRED
EL	ELEVATION	rpm	REVOLUTIONS PER MINUTE
EP	EDGE OF PAVEMENT	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
EQ	EQUAL	RPU	RECYCLE PROCESS UNIT
FD	FLOOR DRAIN	RT	RIGHT
FF	FINISH FLOOR	RW	RAW WATER
FG	FINISH GRADE	R/W	RIGHT-OF-WAY
FL	FLOW LINE	S	SLOPE
FM	FORCE MAIN	SB	SOUTHBOUND
FOB	FACE OF BUILDING	SCH	SCHEDULE
FOC	FACE OF CONCRETE	SD	STORM DRAIN
FS	FLOW SWITCH	SP	SEWER PIPE
FT	FEET	SQ	SQUARE
FTR	FLUE THROUGH ROOF	STA	STATION
GA	GAUGE	STD	STANDARD
GAC	GRANULAR ACTIVATED CARBON	SV	SAMPLING VALVE
GAL	GALLON	TBM	TEMPORARY BENCH MARK
GPM	GALLONS PER MINUTE	TOC	TOP OF CONCRETE
GALV	GALVANIZED	TOT	TOTAL
GSP	GALVANIZED STEEL PIPE	TW	TREATED WATER
GV	GATE VALVE	TYP	TYPICAL
GS	GOVERNMENT SERVICE LINE	VAC	VOLTS AC
H	HEIGHT	VCP	VITRIFIED CLAY PIPE
HB	HOSE BIB	W	WATER
HP	HORSEPOWER	W/O	WITHOUT
HZ	HERTZ	WP	WATER PIPE
ID	INSIDE DIAMETER	WSP	WELDED STEEL PIPE
IE	INVERT ELEVATION		

LEGEND

	FENCE		DETAIL SHEET NUMBER
	SURFACE DRAINAGE	99.00	NEW GRADE IN FEET
	ABANDON	X (100.00)	EXISTING SPOT GRADE IN FEET
			SURFACE DRAINAGE
	SANITARY SEWER		ABANDON
	DRAIN		BENCHMARK ELEVATION
	RETURN DRAIN		CENTERLINE
	VENT		DIAMETER
	WATER		SECTION / ELEVATION LETTER SHEET NUMBER
	FORCE MAIN		TREE
	LEACH LINES		DIRECTION OF TRAFFIC

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	49	59

REGISTERED CIVIL ENGINEER
 DATE 9/21/09
 No. C 36844
 Exp. 06/30/10
 CIVIL
 STATE OF CALIFORNIA

2-16-10
PLANS APPROVAL DATE

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PIPE FITTINGS AND VALVES

	CAP
	ELBOW, TURNED DOWN
	FLEXIBLE CONNECTOR
	REDUCER, CONCENTRIC
	REDUCER, ECCENTRIC
	PRESSURE GAUGE (WITH VALVE AND SNUBBER)
	UNION
	UNION, INSULATING
	VALVE, BALL
	VALVE, CHECK
	VALVE, GATE
	VALVE, SAFETY RELIEF
	VALVE, PRESSURE REDUCING
	HOSE FAUCET
	SAMPLE VALVE

GENERAL WORK NOTES

The Contractor shall verify all controlling field dimensions and conditions before ordering or fabricating any materials.

The Contractor shall verify exact location of all underground facilities and utilities prior to start of construction.

DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO.	08R0002R/L
POST MILE	9.5/10.5

CORNING SAFETY ROADSIDE REST AREA
SEWER AND WATER UPGRADE
NOTES, LEGENDS AND ABBREVIATIONS

SHEET W0-0

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	50	59

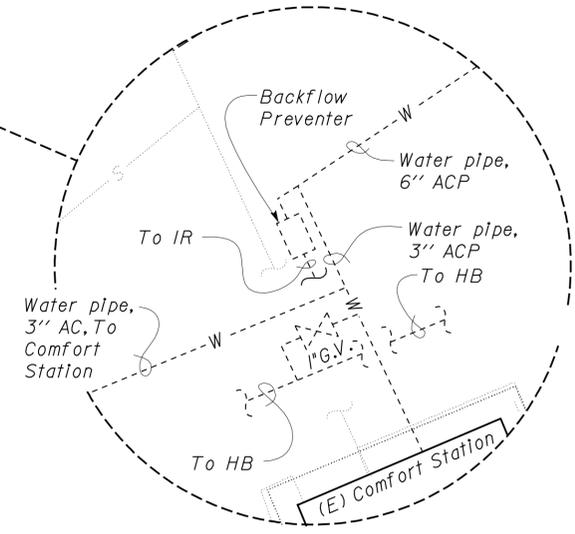
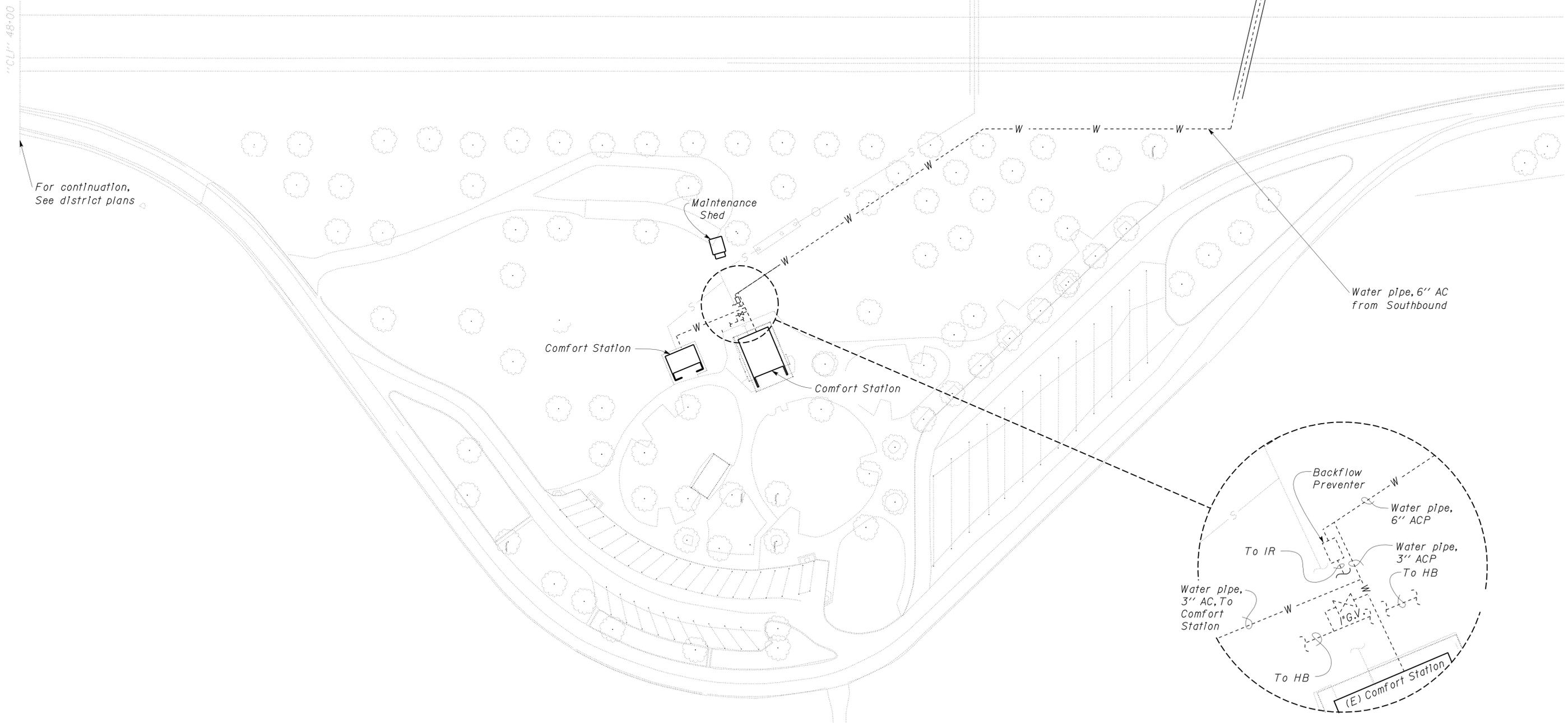
Jerome R. Marcotte
REGISTERED CIVIL ENGINEER
DATE 9/21/09



2-16-10
PLANS APPROVAL DATE

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48 49 50 51 52 53 54 55 56 57



SITE PLAN
SCALE 1" = 40'-0"

DESIGN SUPERVISOR <i>And Schoff</i>	DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
	DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
	QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO. 08R0002R/L
POST MILE 9.5/10.5

**CORNING SAFETY ROADSIDE REST AREA
SEWER AND WATER UPGRADE
EXISTING NORTHBOUND WATER SUPPLY
SITE PLAN**

SHEET **W1-01** OF

DOES SD Imperial Rev. 1/8

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0	1	2	3
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CU 03246
EA 0E8001

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)
7-17-09 7-20-09 9-21-09

SHEET OF

PRINTED ON: 12-APR-2010 09:148 w1_01.dgn

Notes:

1. For pipe installation coordinate with other utilities.
2. Install Root Barrier at tree trunk where water or sewer pipe trench is within 5'-0". See detail sheet W3-02.

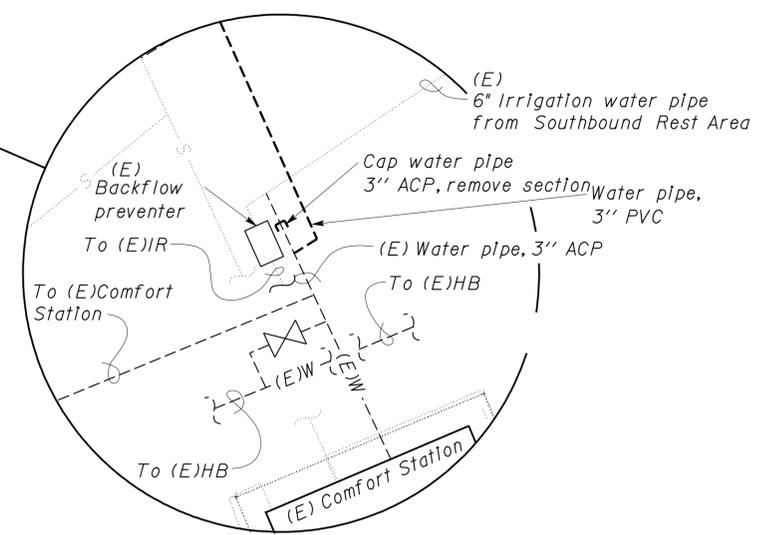
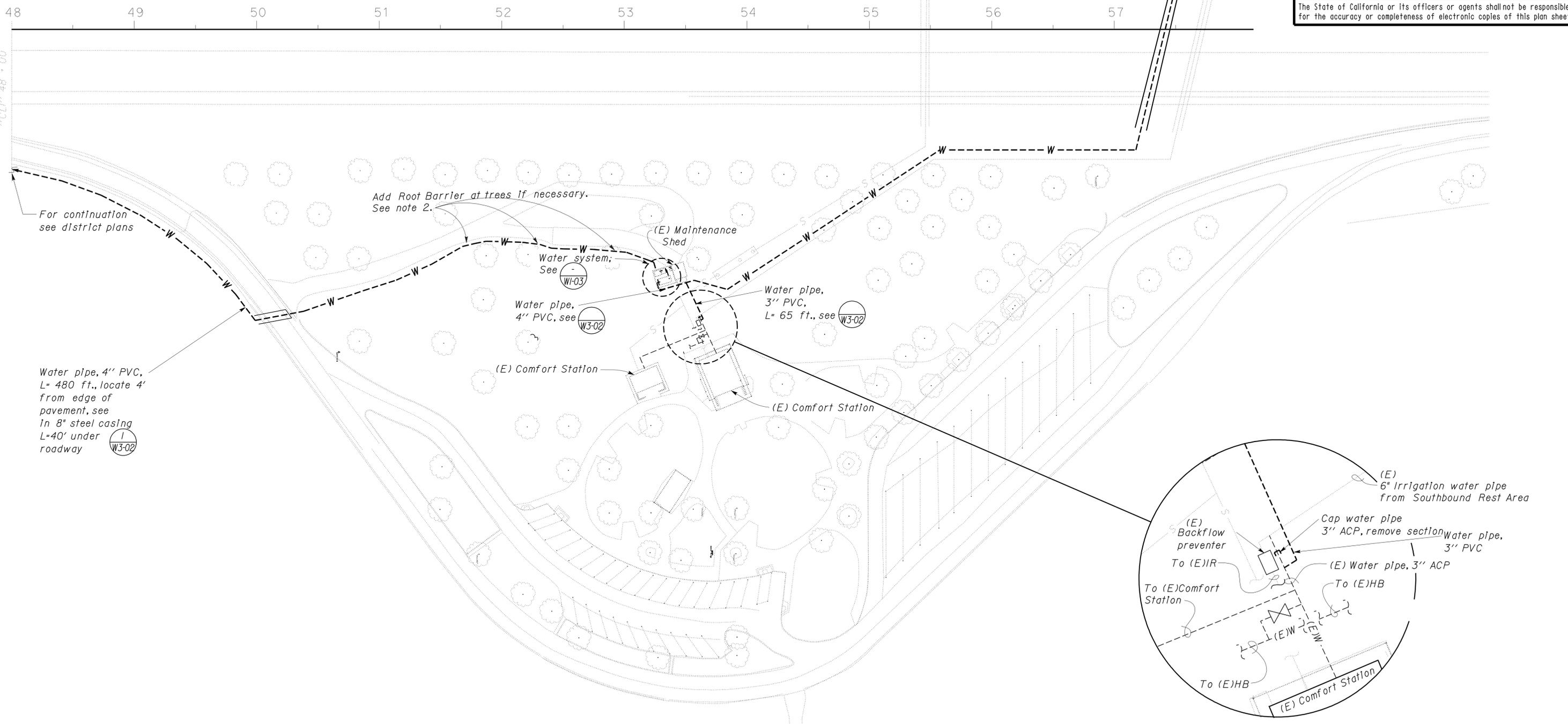
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	51	59

Jerome R. Marcotte 9/21/09
 REGISTERED CIVIL ENGINEER DATE

No. C 36844
 Exp. 06/30/10
 CIVIL
 STATE OF CALIFORNIA

2-16-10
 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.



SITE PLAN
SCALE 1" = 40'-0"

DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO. 08R0002R/L
 POST MILE 9.5/10.5
CORNING SAFETY ROADSIDE REST AREA
SEWER AND WATER UPGRADE
 MODIFIED NORTHBOUND WATER SUPPLY
 SITE PLAN
 SHEET **W1-02** OF

DOES SD Imperial Rev. 1/6	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 03246 EA 0E8001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	7-17-09 9-21-09	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
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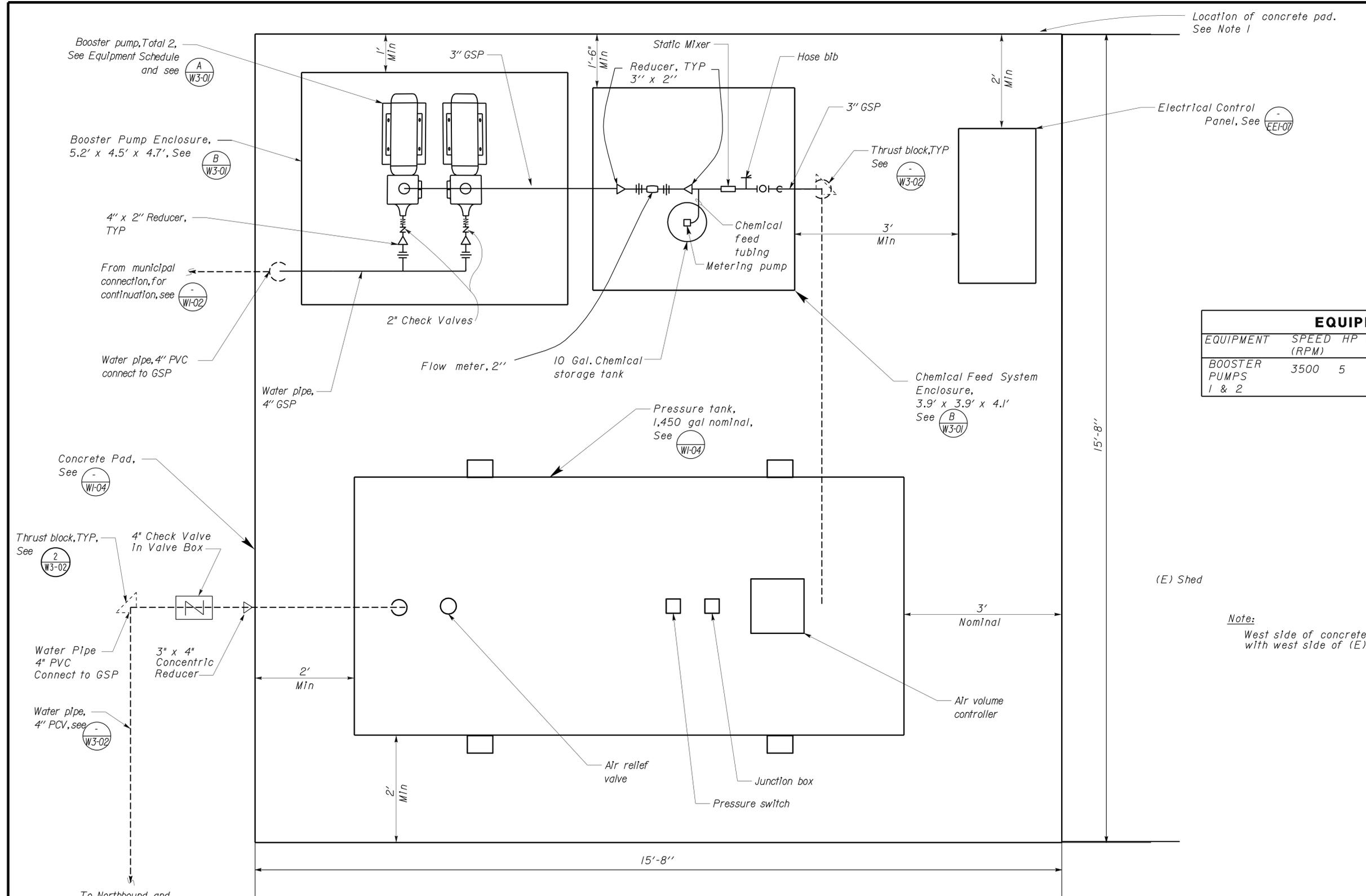
PRINTED ON: 12-APR-2010 09:48 w1_02.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	52	59

Jerome R. Marcotte 9/21/09
 REGISTERED CIVIL ENGINEER DATE
 No. C 36844
 Exp. 06/30/10
 CIVIL
 STATE OF CALIFORNIA

2-16-10
 PLANS APPROVAL DATE

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EQUIPMENT SCHEDULE						
EQUIPMENT	SPEED (RPM)	HP	VOLTS	PHASE	PUMPING RATE (GPM)	TOTAL DYNAMIC HEAD (FT)
BOOSTER PUMPS 1 & 2	3500	5	230	1	50	95
					100	75
					150	55

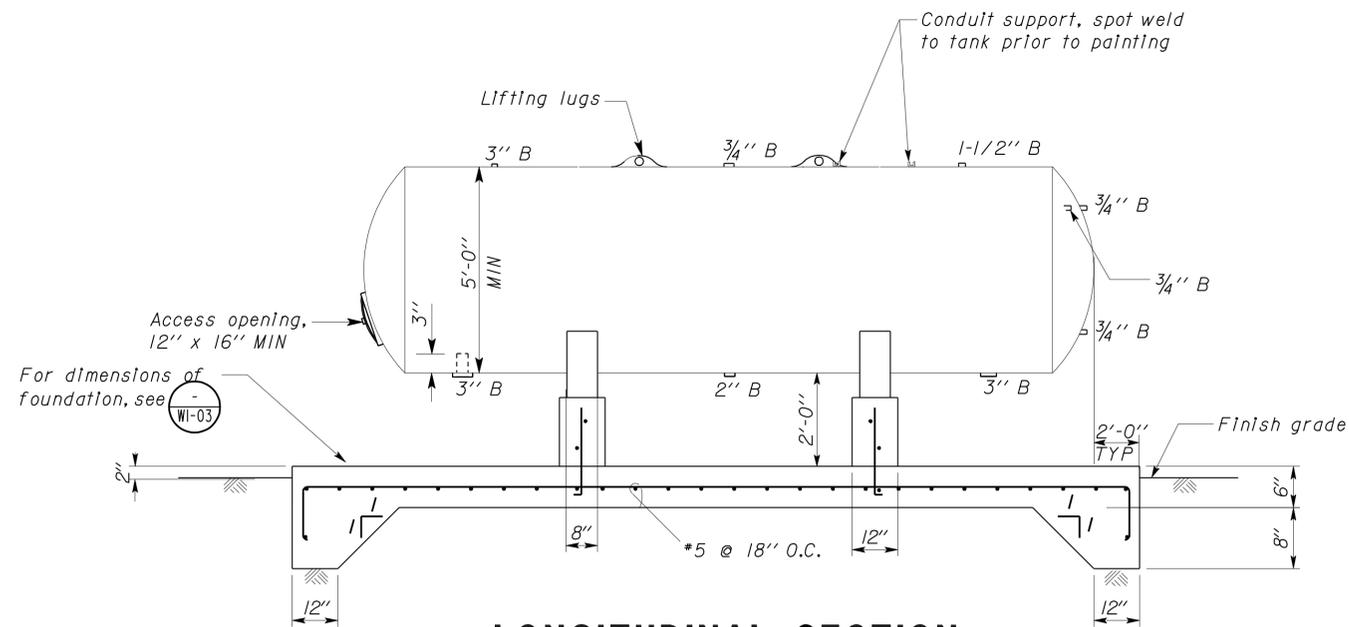
WATER SYSTEM SITE PLAN
 Scale 1" = 1'-0"



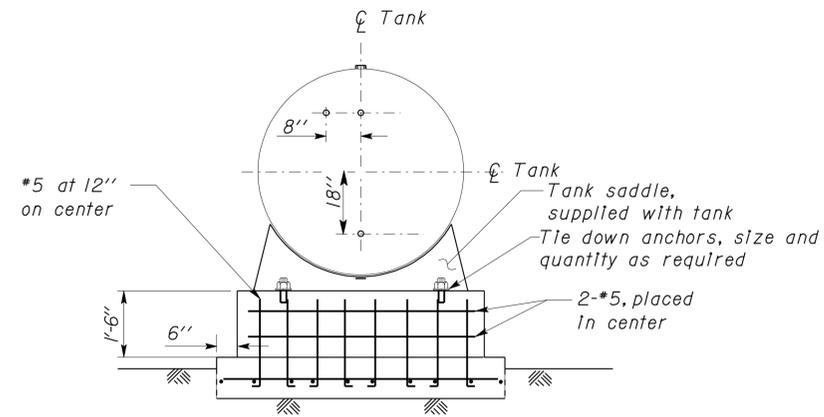
DOES SD Imperial Rev. 1/8	DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	08R0002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE MODIFIED NORTHBOUND WATER SYSTEM PLAN DETAILS	SHEET	W1-03			
	DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte			POST MILE	9.5/10.5		REVISION DATES (PRELIMINARY STAGE ONLY)	7-17-09	9-21-09	SHEET	OF
	QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0		1	2	3	CU 03246	EA 0E8001

PRINTED ON: 12-APR-2010 09:48 w1_03.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	53	59
<i>Jerome R. Marcotte</i> REGISTERED CIVIL ENGINEER			9/21/09 DATE		
2-16-10 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.					



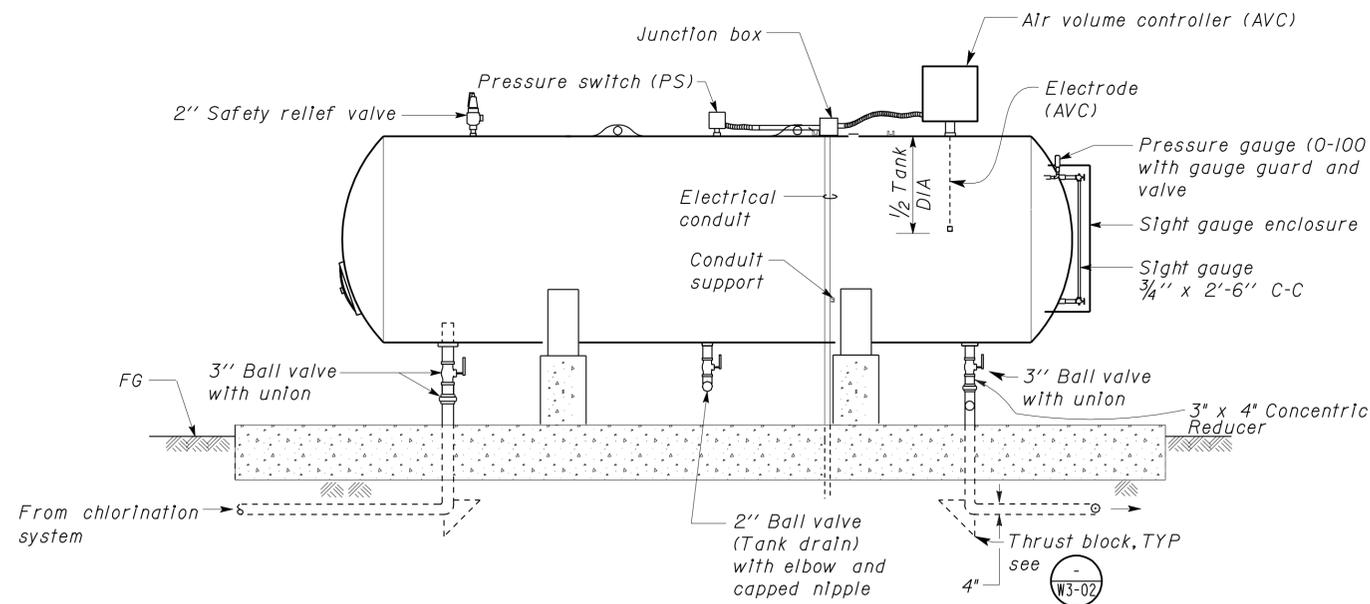
LONGITUDINAL SECTION



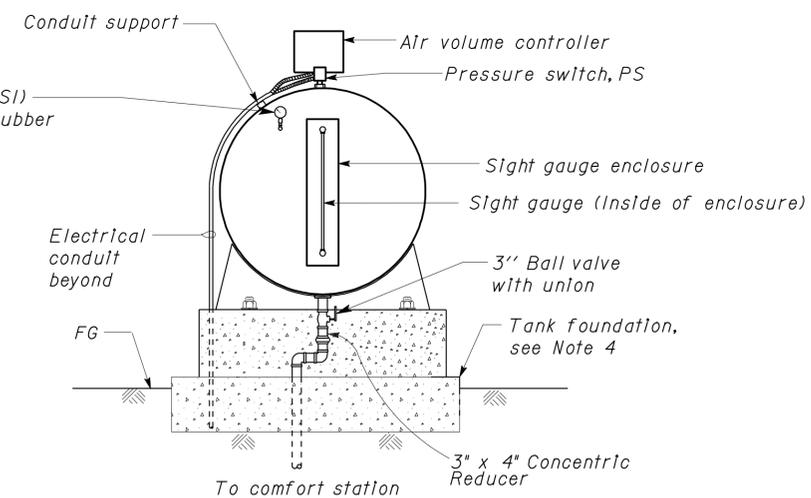
TRANSVERSE SECTION

TANK FOUNDATION, SUPPORT AND SHELL DETAILS

NO SCALE



SIDE VIEW



END VIEW

Notes:

1. Sleeve all penetrations in concrete.
2. All tank openings shall be 1/2 inch bungs unless otherwise noted.
3. Tank shall be painted Indian Buff (Dillon Paint), or equal.
4. Tank saddle and foundation size may vary depending on manufacturer.

A PRESSURE TANK - 1,450 GALLON (NOMINAL)

DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO.	08R0002R/L
POST MILE	9.5/10.5

CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE
NORTHBOUND PRESSURE TANK DETAILS

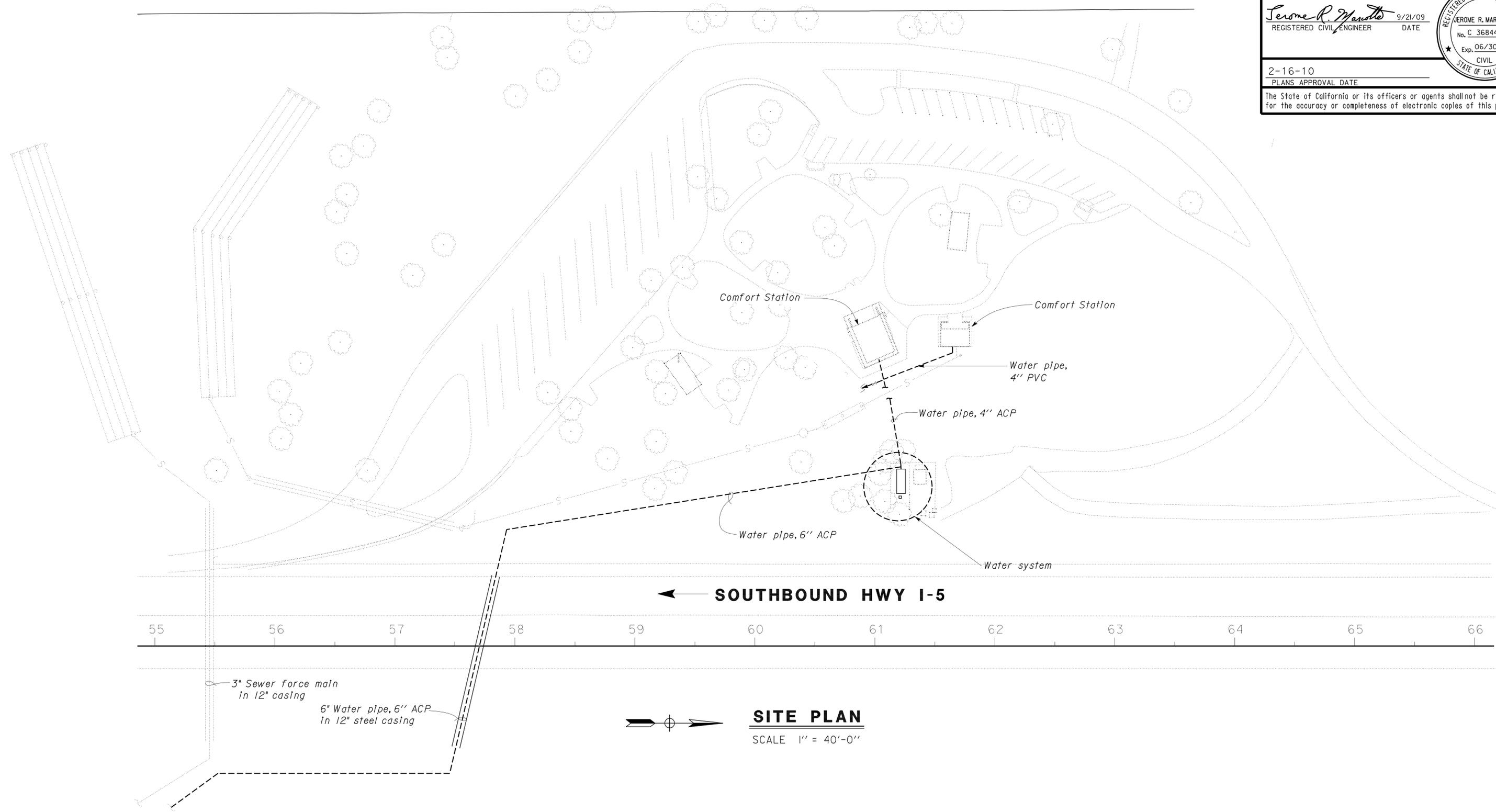
SHEET **W1-04** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	54	59

Jerome R. Marcotte 9/21/09
REGISTERED CIVIL ENGINEER DATE

2-16-10
PLANS APPROVAL DATE

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SITE PLAN
SCALE 1" = 40'-0"

DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO.	08R0002R/L
POST MILE	9.5/10.5

CORNING SAFETY ROADSIDE REST AREA
SEWER AND WATER UPGRADE
EXISTING SOUTHBOUND WATER SUPPLY
SITE PLAN

SHEET **W2-01**

DOES SD Imperial Rev. 1/6

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0	1	2	3
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CU 03246
EA 0E8001

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)	
7-17-09	9-21-09

SHEET OF

PRINTED ON: 12-APR-2010 09:48 w2_01.dgn

Notes:

1. For pipe installation coordinate with other utilities.
2. Install Root Barrier at trees. See sheet WI-02, note 2.

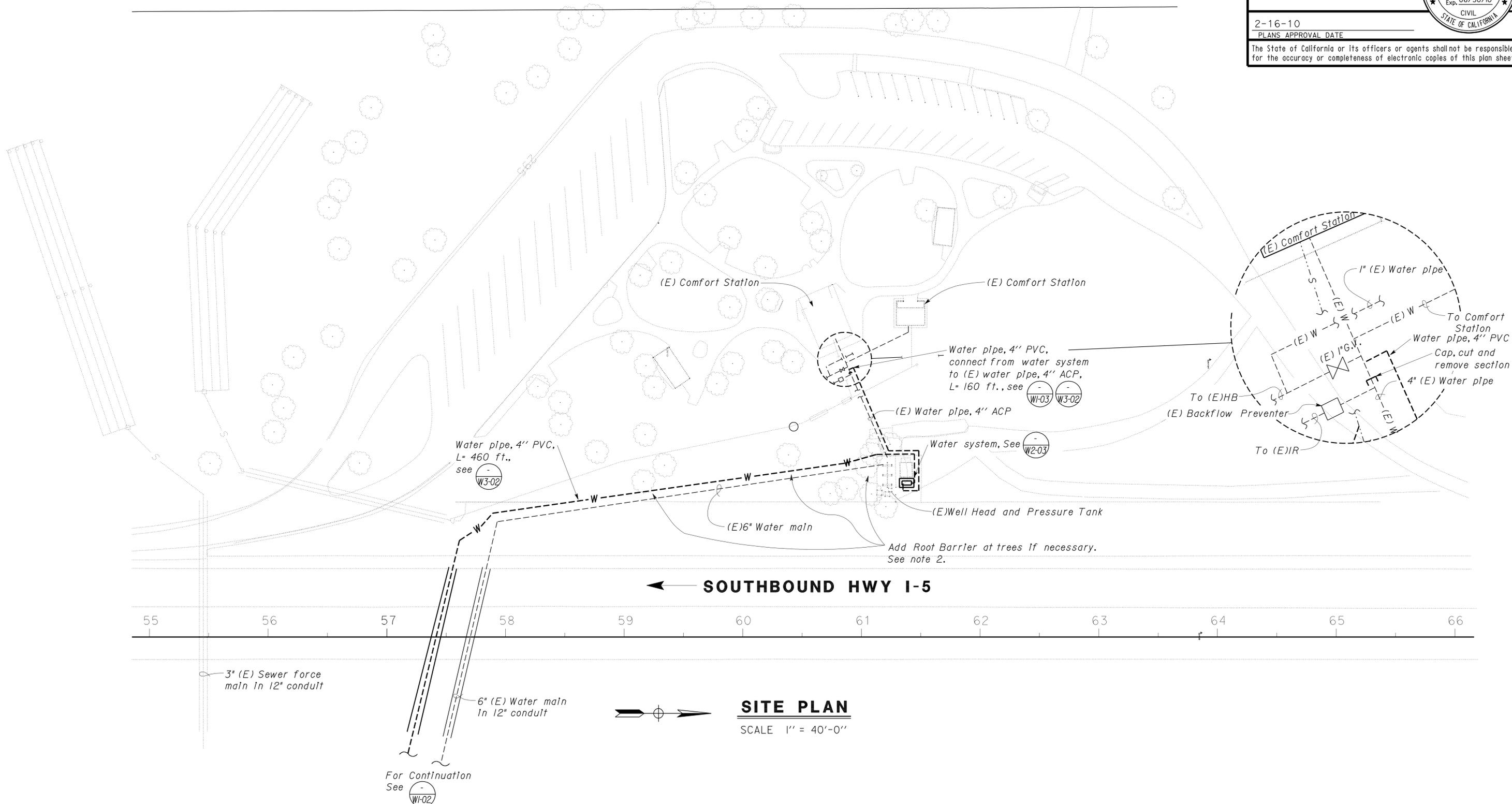
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	55	59

Jerome R. Marcotte 9/21/09
 REGISTERED CIVIL ENGINEER DATE

2-16-10
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 JEROME R. MARCOTTE
 No. C 36844
 Exp. 06/30/10
 CIVIL
 STATE OF CALIFORNIA



SITE PLAN
SCALE 1" = 40'-0"

DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO. 08R0002R/L
 POST MILE 9.5/10.5
CORNING SAFETY ROADSIDE REST AREA
SEWER AND WATER UPGRADE
 MODIFIED SOUTHBOUND WATER SUPPLY
 SITE PLAN

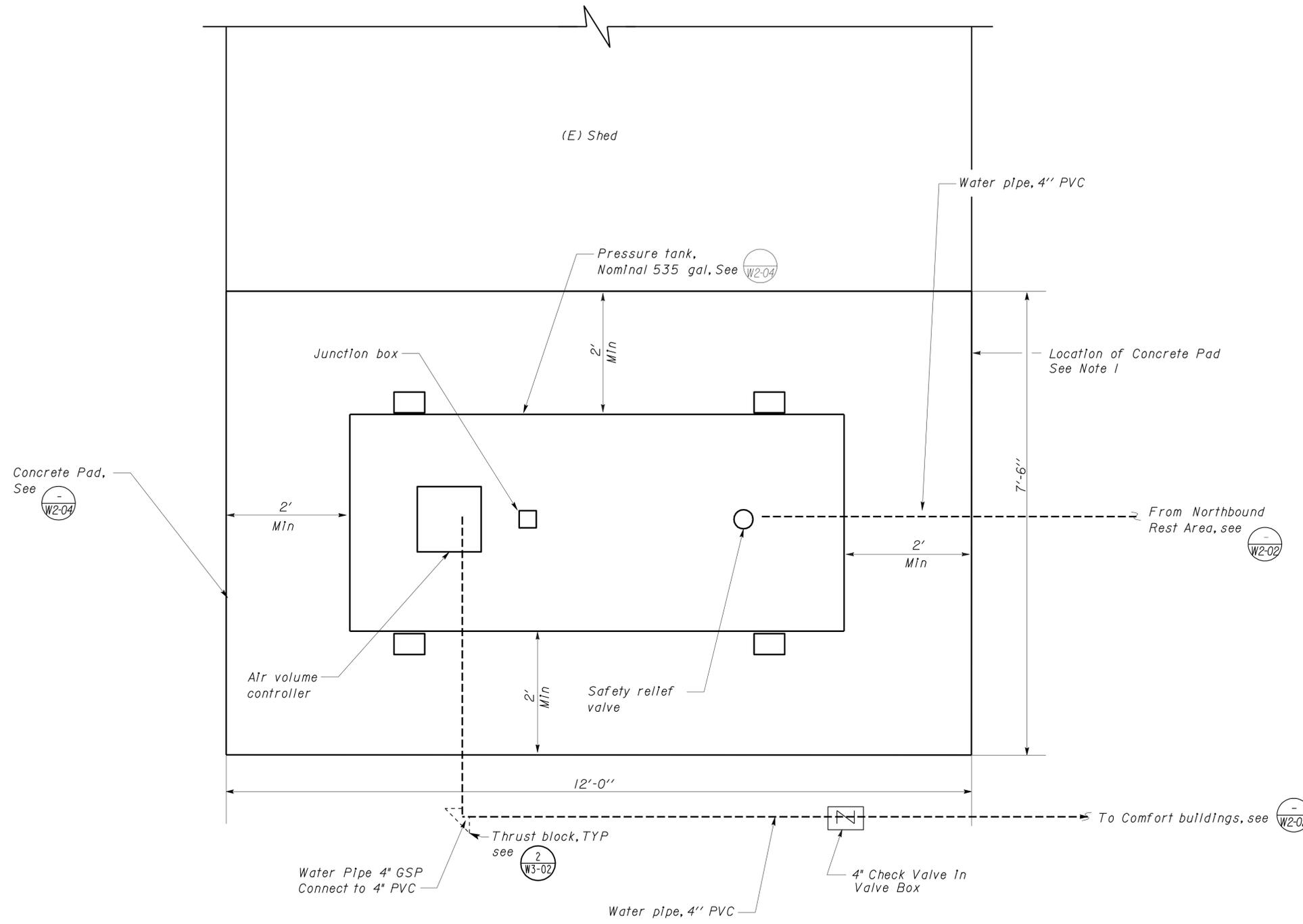
SHEET **W2-02** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	56	59

<i>Jerome R. Marcotte</i>		9/21/09
REGISTERED CIVIL ENGINEER	DATE	

2-16-10	
PLANS APPROVAL DATE	

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Note:
North side of concrete pad location shall be lined up with north side of (E) shed.

WATER SYSTEM SITE PLAN
Scale 1" = 1' - 0"



DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

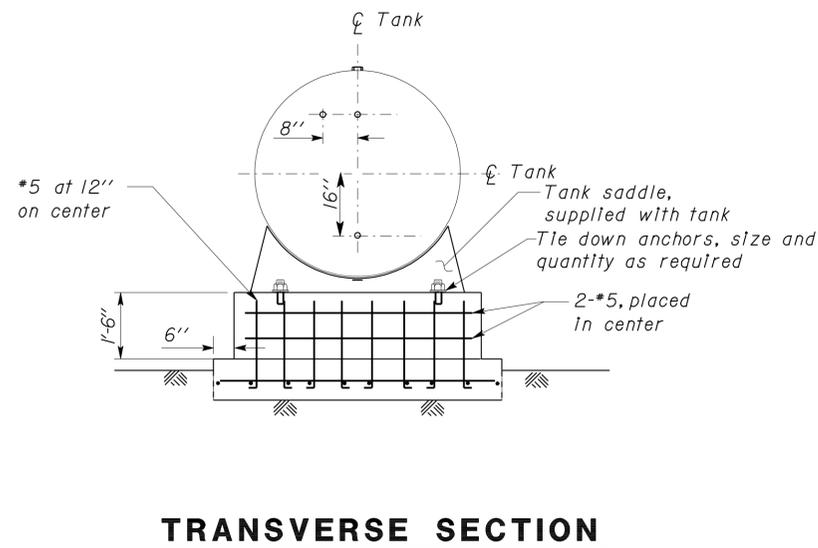
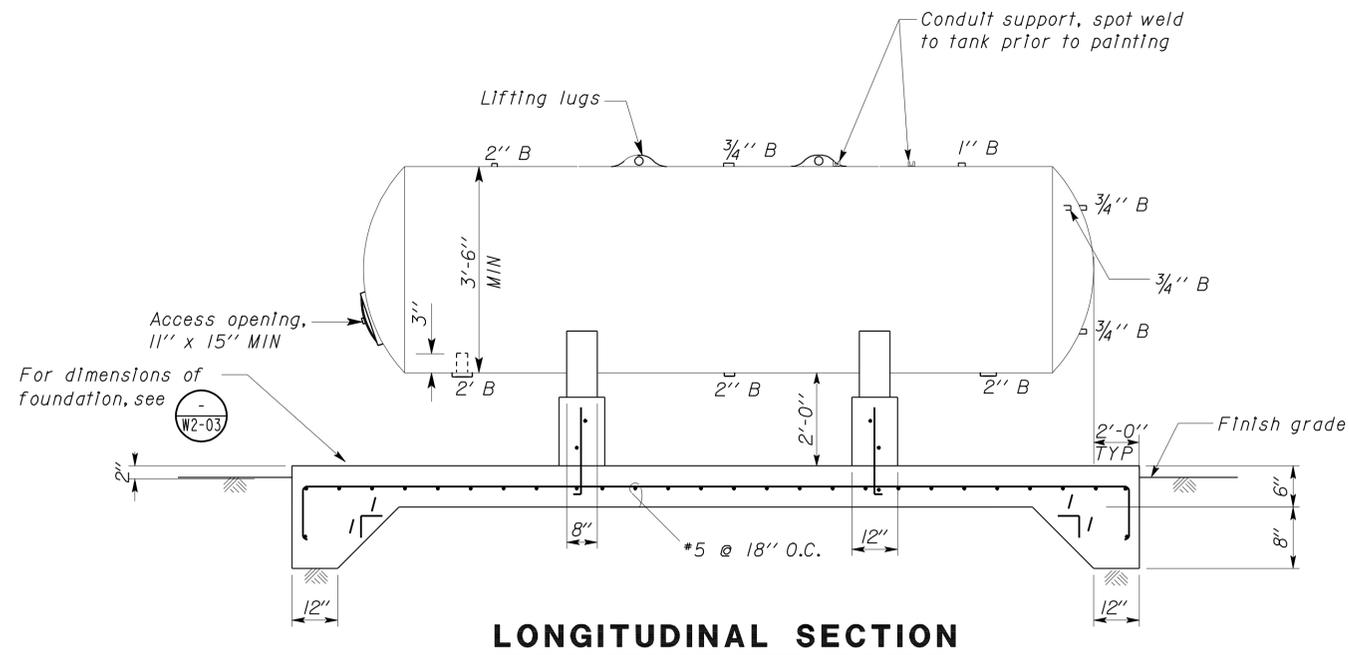
BRIDGE NO.	08R0002R/L
POST MILE	9.5/10.5

CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE
MODIFIED SOUTHBOUND WATER SYSTEM
PLAN DETAILS

SHEET **W2-03** OF

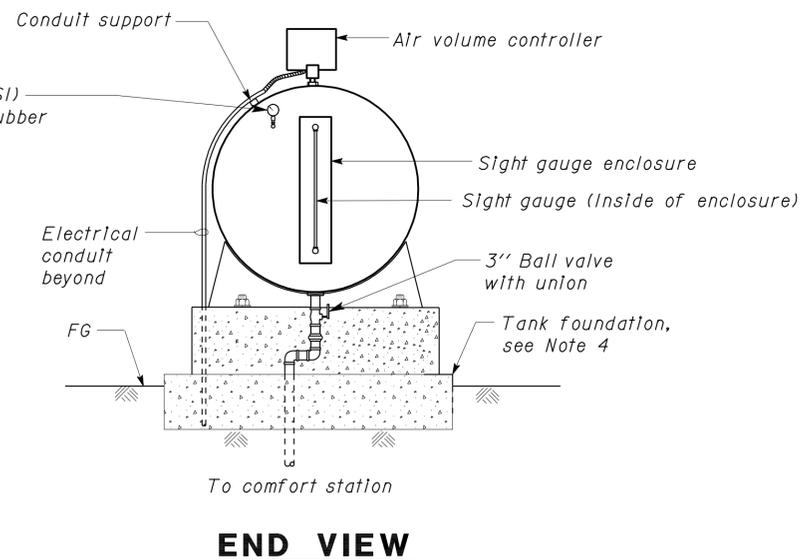
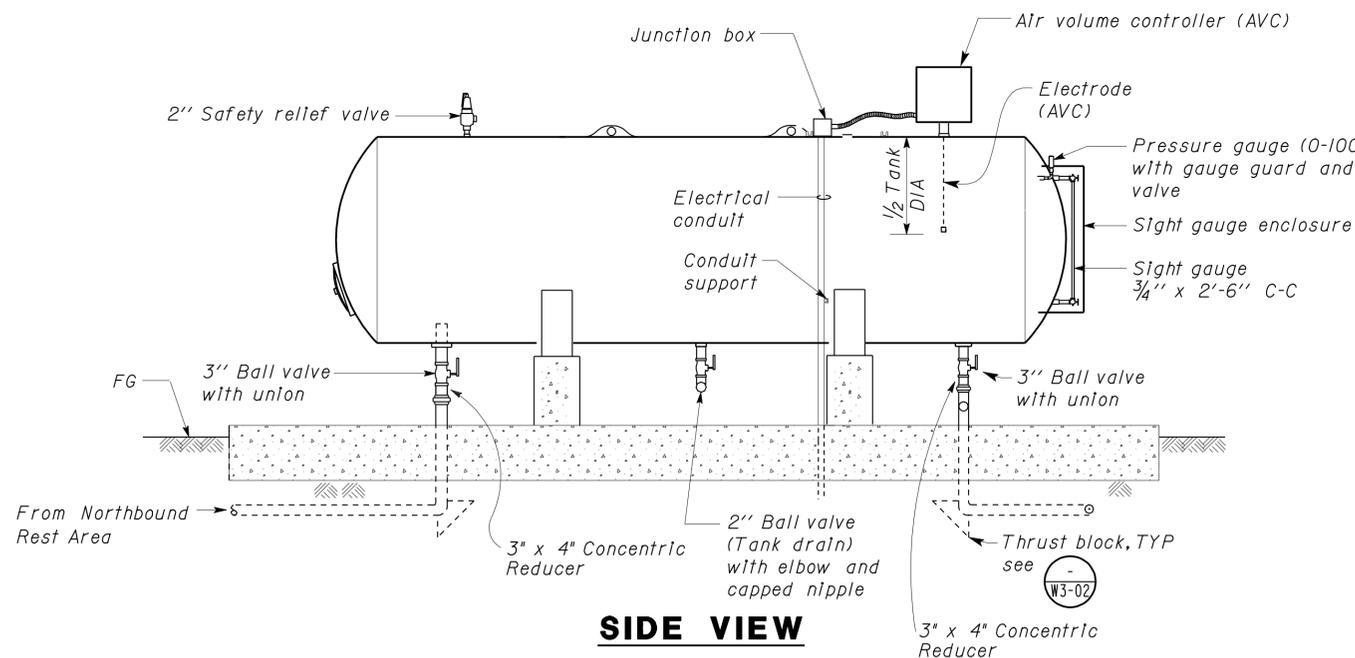
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	57	59

<i>Jerome R. Marcotte</i> REGISTERED CIVIL ENGINEER		9/21/09 DATE
2-16-10 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.		



TANK FOUNDATION, SUPPORT AND SHELL DETAILS

NO SCALE



Notes:

- Sleeve all penetrations in concrete.
- All tank openings shall be 1/2\"/>

4 PRESSURE TANK - 535 GALLON (NOMINAL)

DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO. 08R0002R/L	CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE	SHEET W2-04
POST MILE 9.5/10.5		
SOUTHBOUND PRESSURE TANK DETAILS		

PRINTED ON: 12-APR-2010 09:48 w2_04.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	58	59

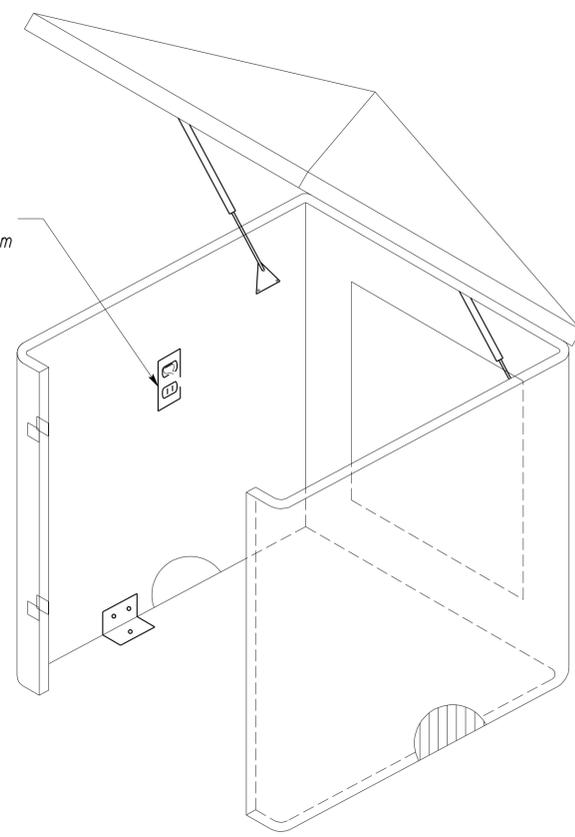
Jerome R. Marcotte 9/21/09
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
JEROME R. MARCOTTE
No. C 36844
Exp. 06/30/10
CIVIL
STATE OF CALIFORNIA

2-16-10
PLANS APPROVAL DATE

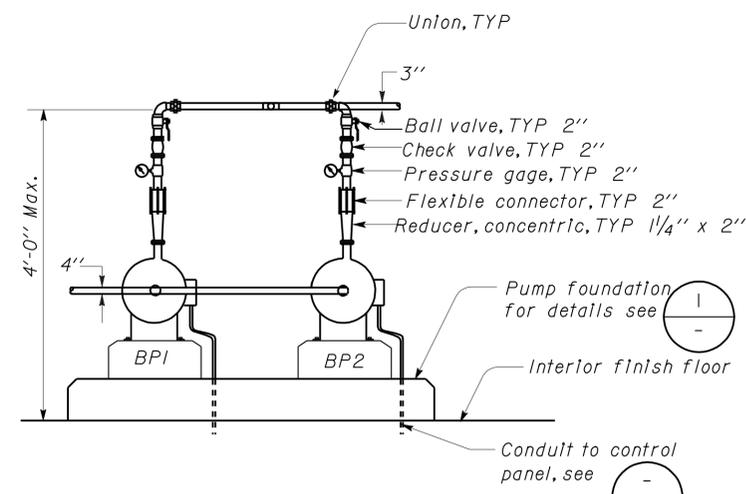
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Electrical plug and conduit install in chlorine feed system enclosure only.

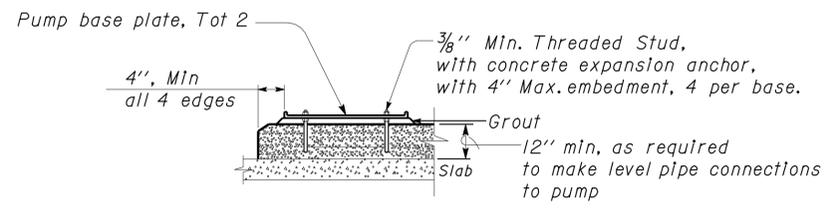


ENCLOSURE SCHEDULE						
EQUIPMENT	DOORS	FLIP TOP	REAR ENTRY	LENGTH	WIDTH	HEIGHT
BOOSTER PUMPS	2	YES	YES	62"	54"	56"
CHLORINE FEED SYSTEM	1	YES	YES	47"	47"	49"

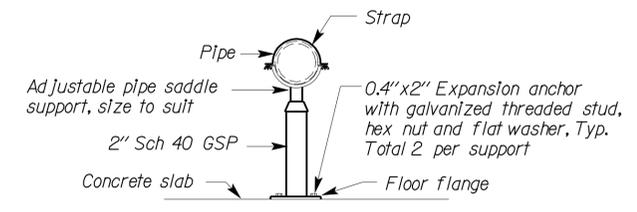
B ENCLOSURES
NO SCALE



A BOOSTER PUMP ELEVATION
NO SCALE



1 PUMP FOUNDATION
NO SCALE



2 PIPE SUPPORT
NO SCALE

DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

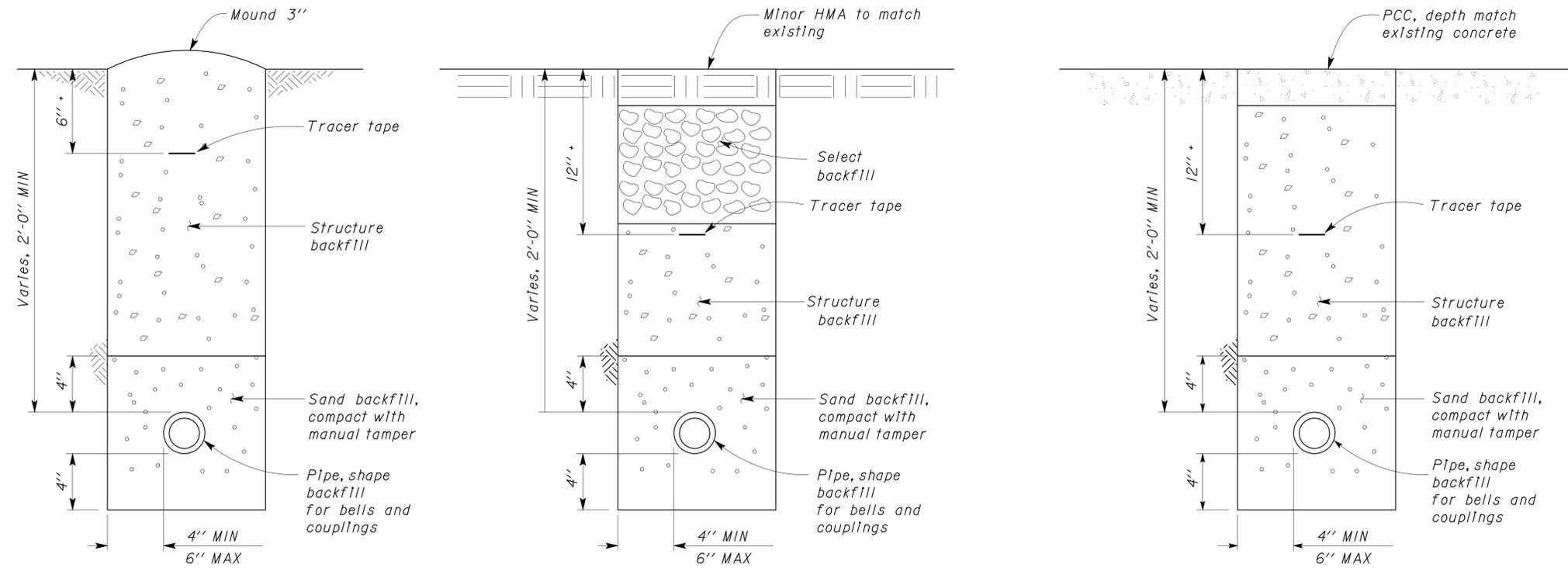
DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO.	08R0002R/L
POST MILE	9.5/10.5

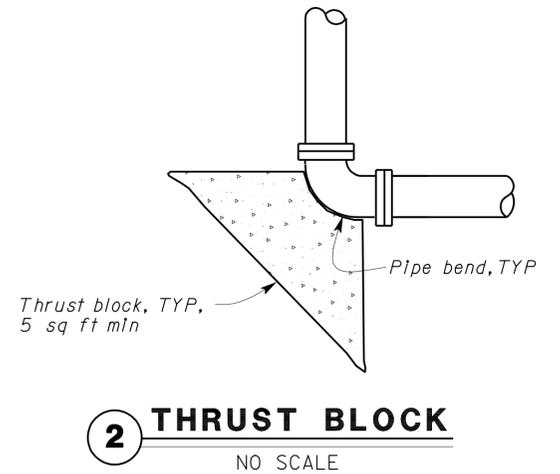
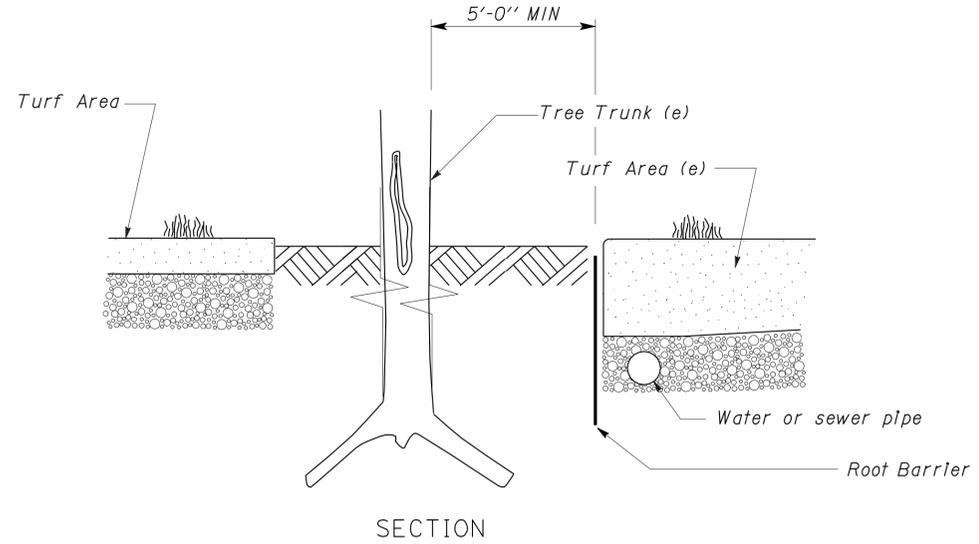
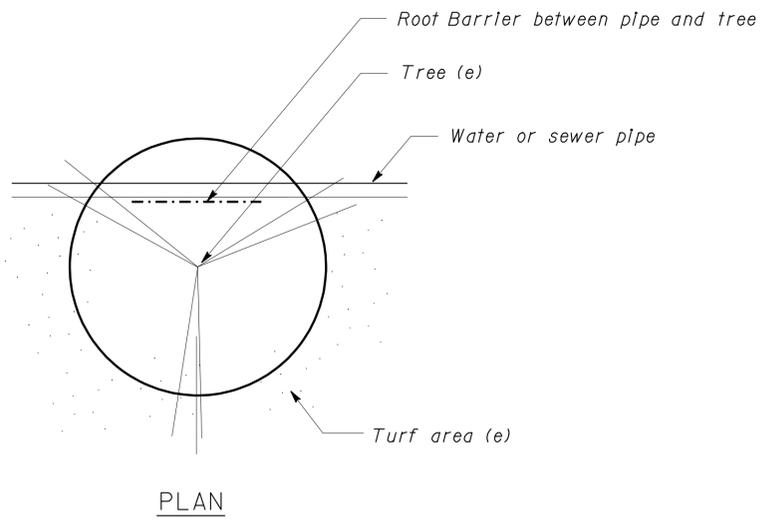
CORNING SAFETY ROADSIDE REST AREA SEWER AND WATER UPGRADE
PUMP AND ENCLOSURE DETAILS

SHEET **W3-01** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	9.5/10.5	59	59
<p><i>Jerome R. Marcotte</i> 9/21/09 REGISTERED CIVIL ENGINEER DATE</p> <p>2-16-10 PLANS APPROVAL DATE</p> <p>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.</p>					



1 WATER/SEWER PIPE
NO SCALE



2 THRUST BLOCK
NO SCALE

3 ROOT BARRIER
NO SCALE

DESIGN	BY Laurie Vasquez	CHECKED Jerry Marcotte
DETAILS	BY Laurie Vasquez	CHECKED Jerry Marcotte
QUANTITIES	BY Laurie Vasquez	CHECKED Jerry Marcotte

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO.	CORNING SAFETY ROADSIDE REST AREA
08R0002R/L	SEWER AND WATER UPGRADE
POST MILE	WATER AND SEWER PIPE DETAILS
9.5/10.5	

SHEET OF
W3-02