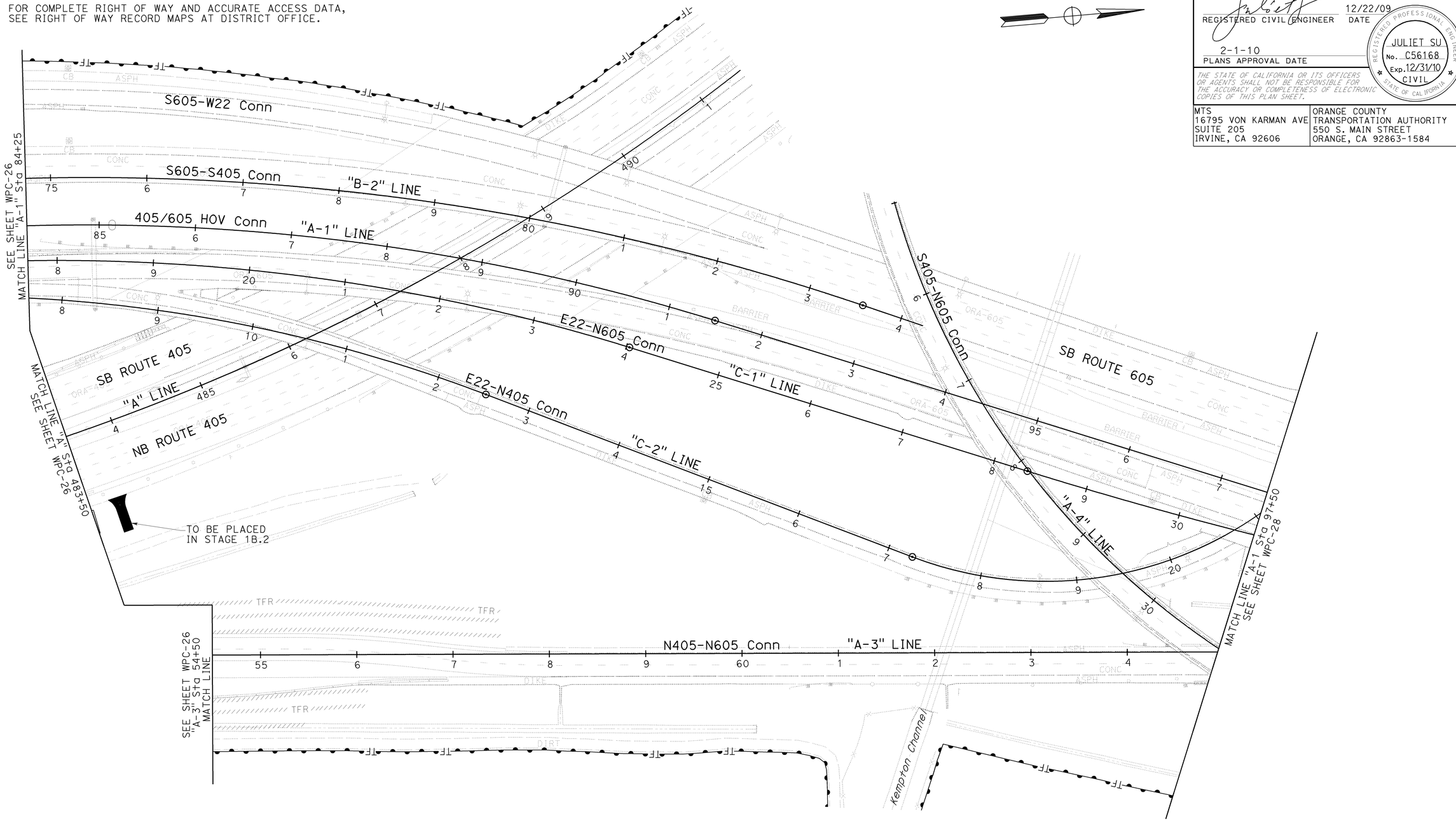
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	201	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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MTS 16795 VON KARMAN AVE SUITE 205 IRVINE, CA 92606	ORANGE COUNTY TRANSPORTATION AUTHORITY 550 S. MAIN STREET ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 1B.2 AND 1B.3)

SCALE: 1" = 50'

WPC-27

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

KELSIE ANDERSON — JULIET SU — CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR — LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION 08-10-09 — DATE PLOTTED => 03-FEB-2010 — TIME PLOTTED => 07:37

BORDER LAST REVISED 8/1/2008 — RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 — USERNAME => trmnguye — DGN FILE => c071163gb027.dgn — CU 12235 — EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	202	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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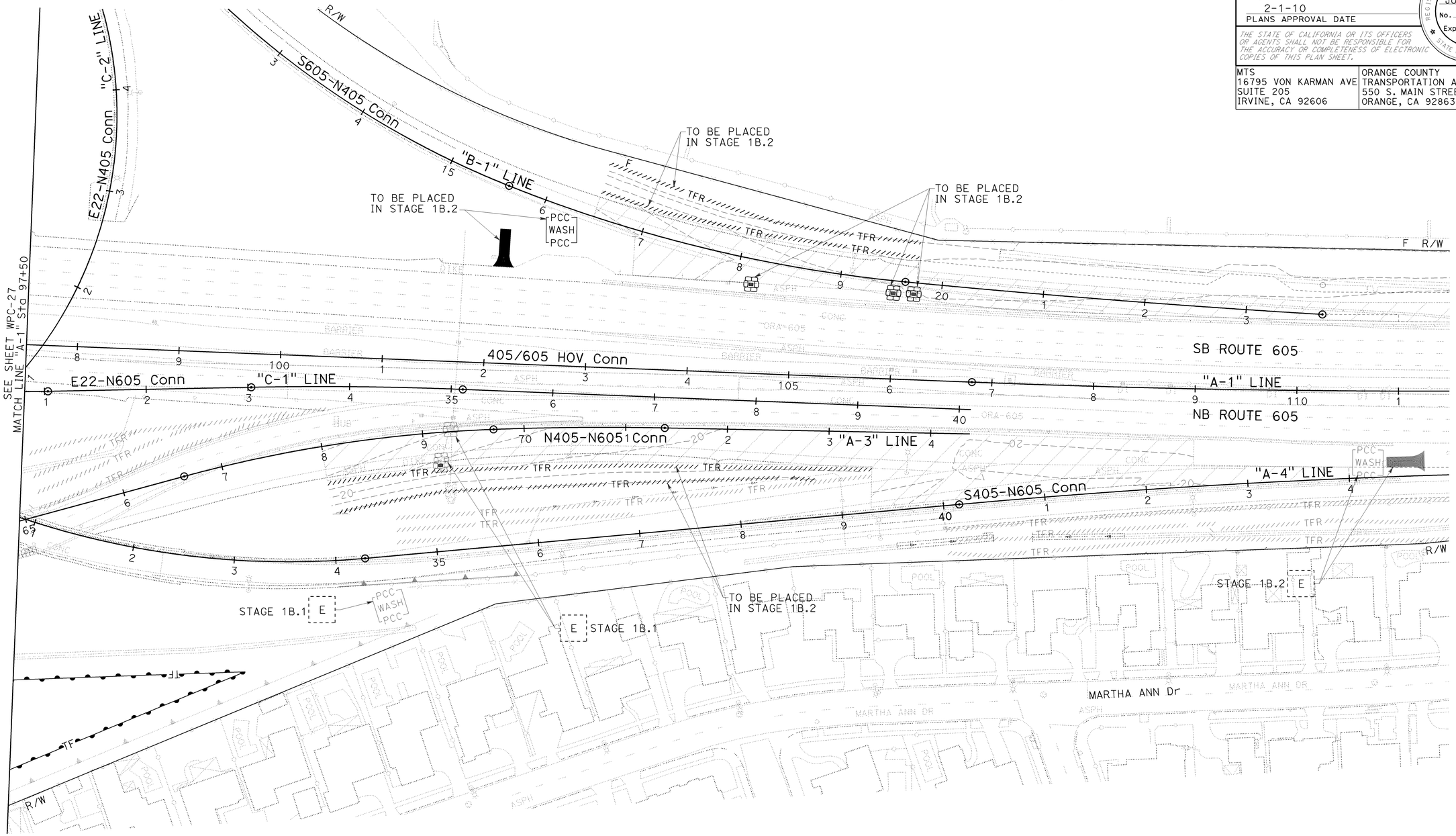

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 1B.2 AND 1B.3)

SCALE: 1" = 50'

WPC-28

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:38
08-10-09

BORDER LAST REVISED 8/1/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmnguye
DGN FILE => c07163gb028.dgn
CU 12235
EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	203	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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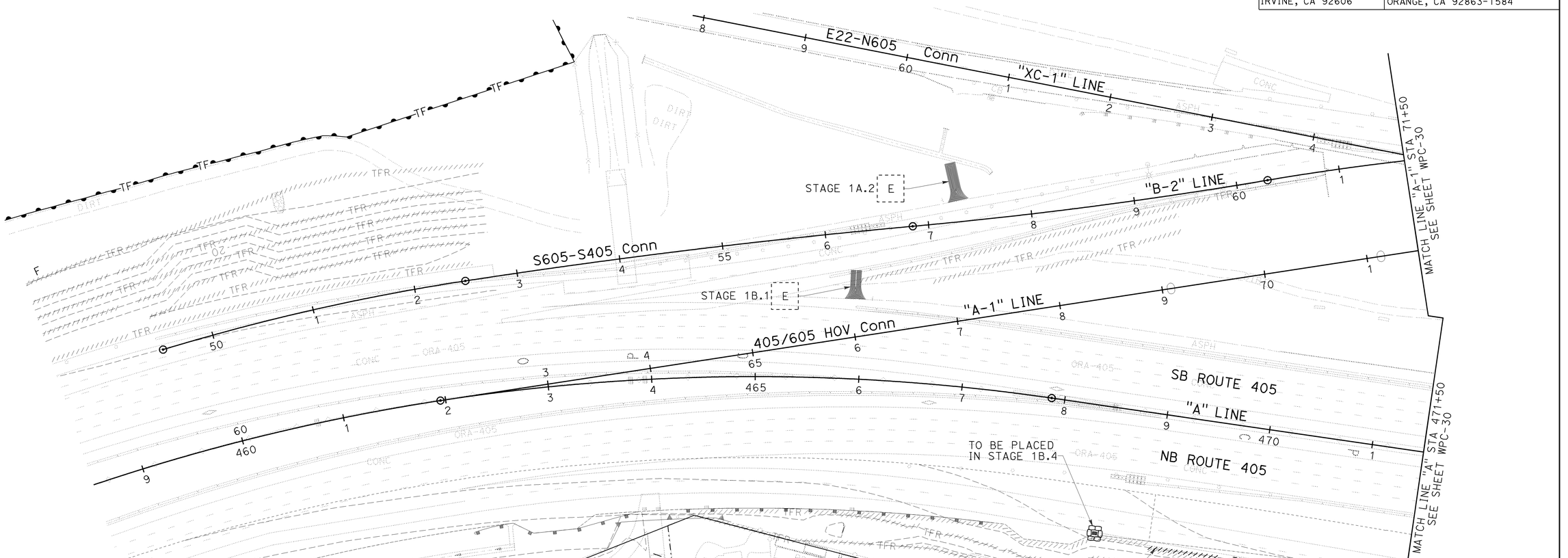
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 1B.4, 1B.5 AND 2A)

SCALE 1"=50'

WPC-29

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

KELSIE ANDERSON
JULIET SU

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:38

BORDER LAST REVISED 8/1/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmnguye
DGN FILE => c07163gb029.dgn
CU 12235
EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	204	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
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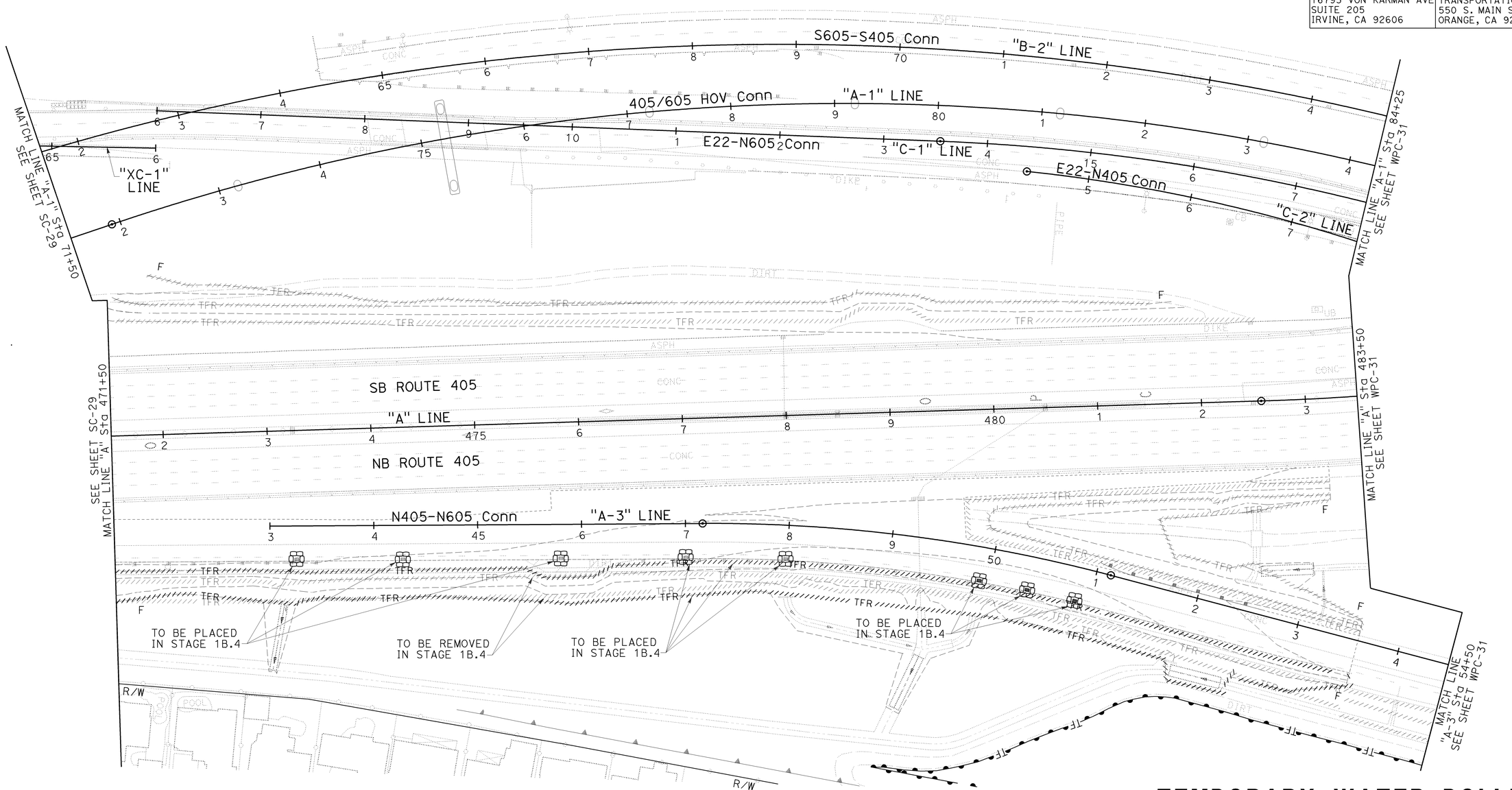
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 1B.4, 1B.5 AND 2A)

SCALE: 1" = 50'

WPC-30

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:38

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb030.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	205	1929

REGISTERED CIVIL ENGINEER 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JULIET SU No. C56168 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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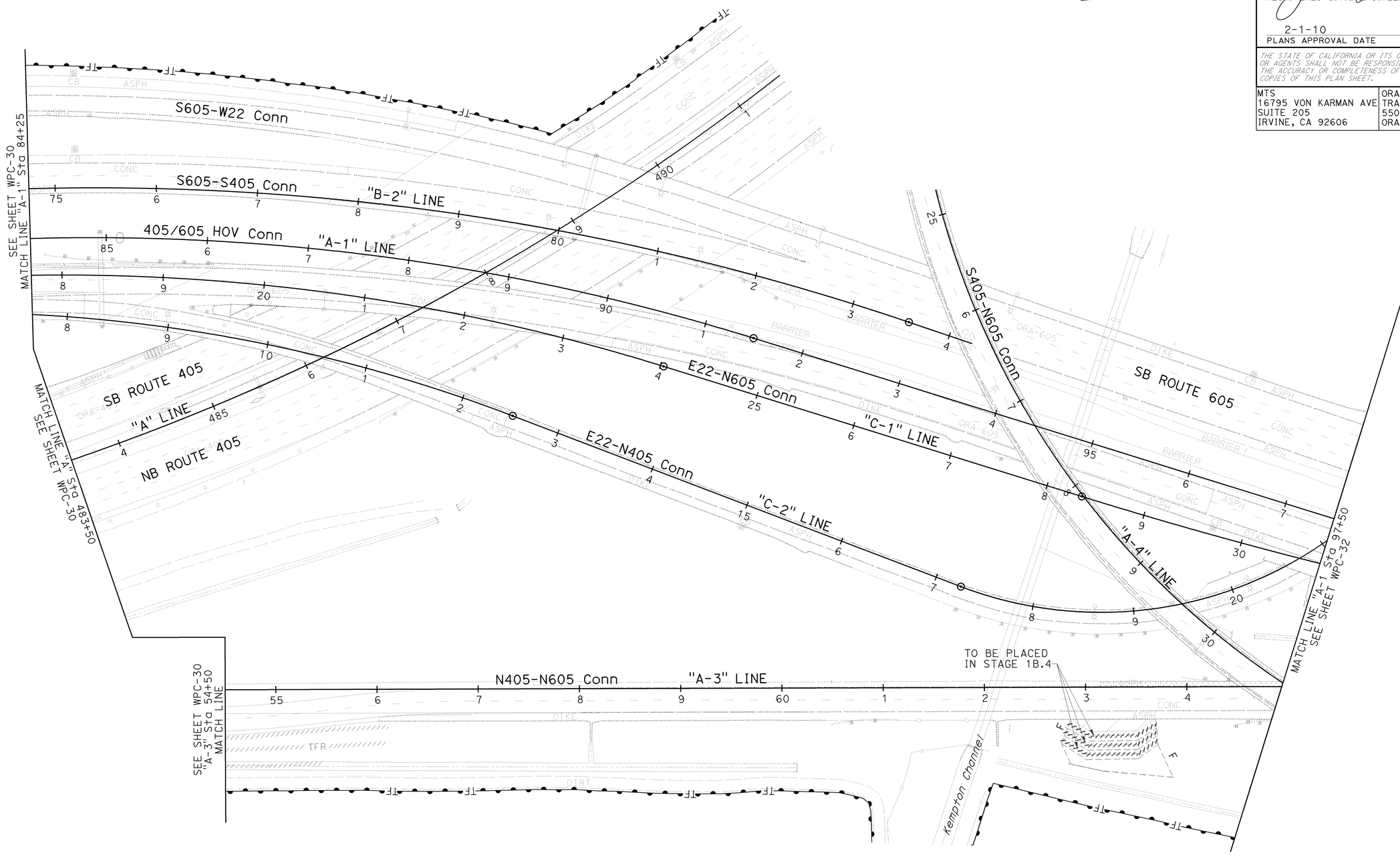
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 1B.4, 1B.5 AND 2A)

SCALE: 1" = 50'

WPC-31

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:38

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	206	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 1B.4, 1B.5 AND 2A)

SCALE: 1" = 50'

WPC-32

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

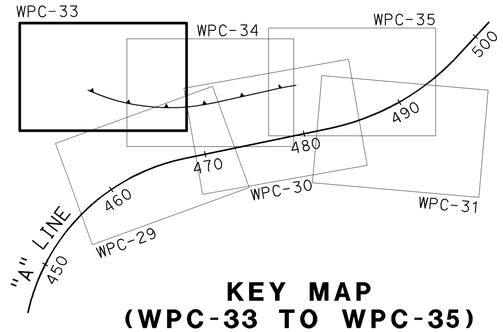
REVISED BY	KLA		
DATE REVISED	12/22/09		
KELSIE ANDERSON			
JULIET SU			
CALCULATED-DESIGNED BY			
CHECKED BY			
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans		

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:38

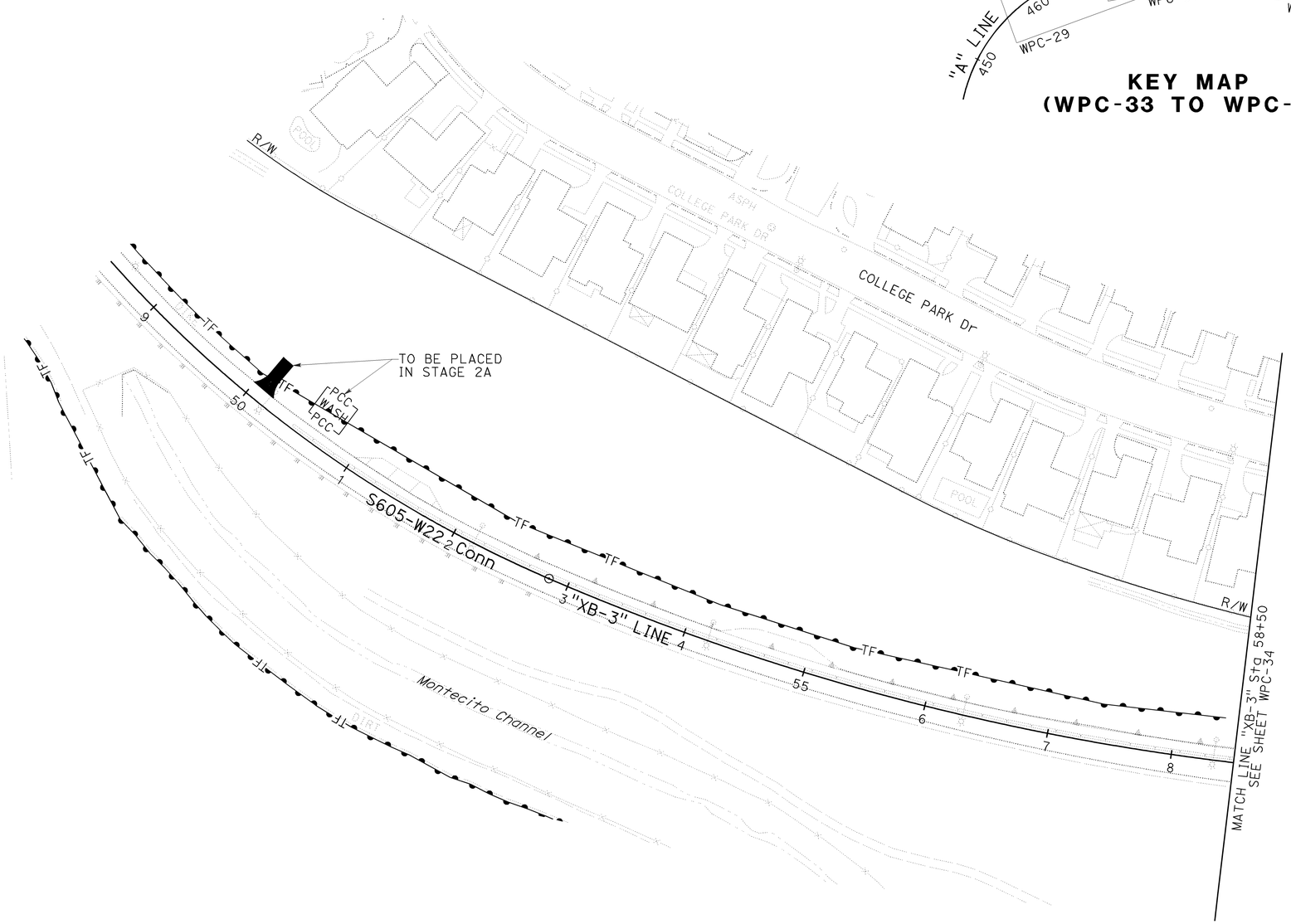
BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c071163gb032.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



KEY MAP
(WPC-33 TO WPC-35)



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 1B.4, 1B.5 AND 2A)

SCALE: 1" = 50'

WPC-33

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	207	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 07:38

NOTE:

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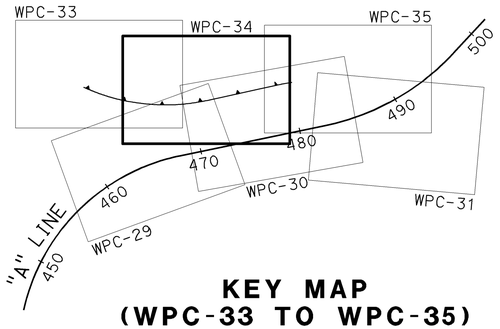

KEY MAP
(WPC-33 TO WPC-35)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	208	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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STATE OF CALIFORNIA

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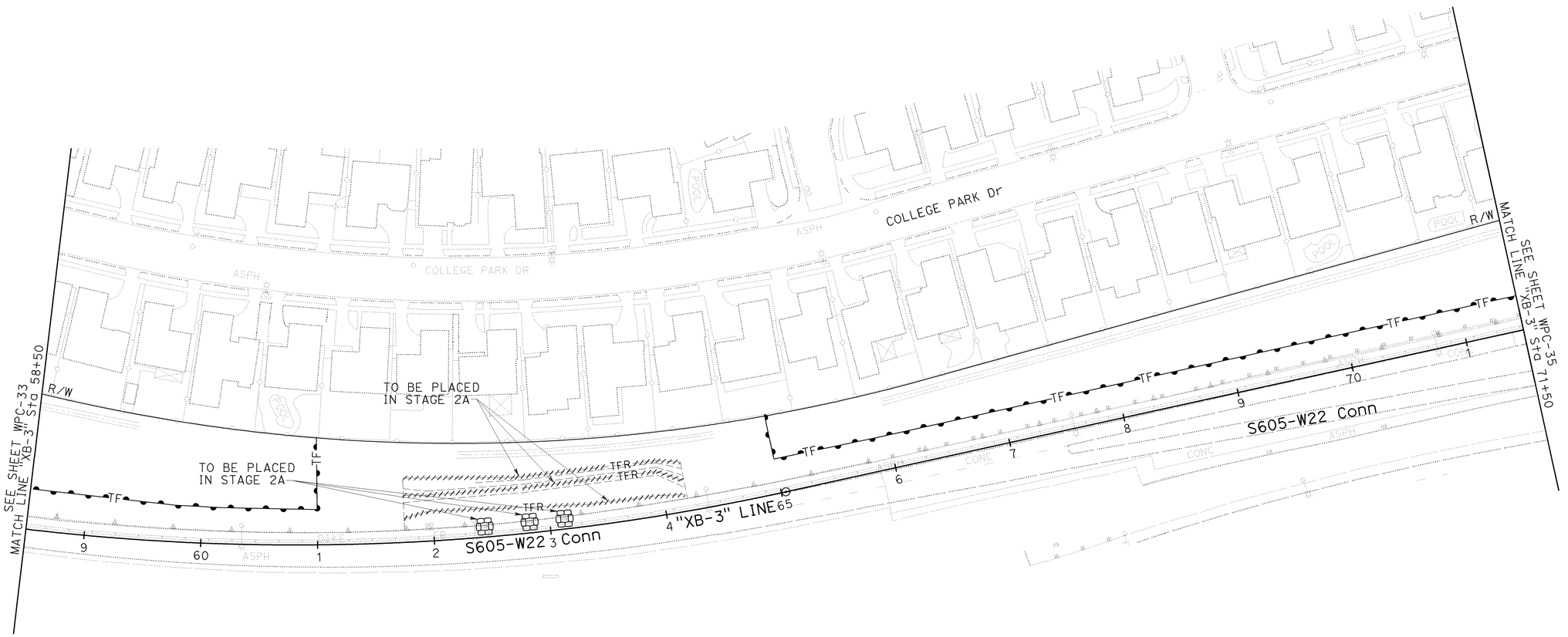


TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 1B.4, 1B.5 AND 2A)

SCALE: 1" = 50'

WPC-34

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

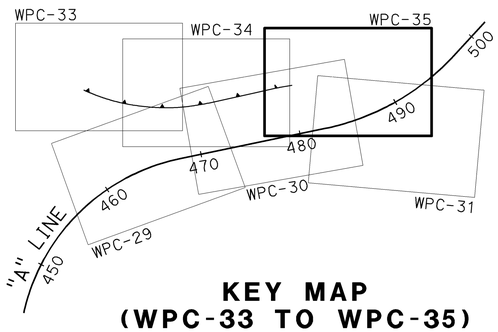
CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA
CHECKED BY	JULIET SU	DATE REVISED	12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans		

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:38

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb034.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



KEY MAP
(WPC-33 TO WPC-35)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	209	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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550 S. MAIN STREET
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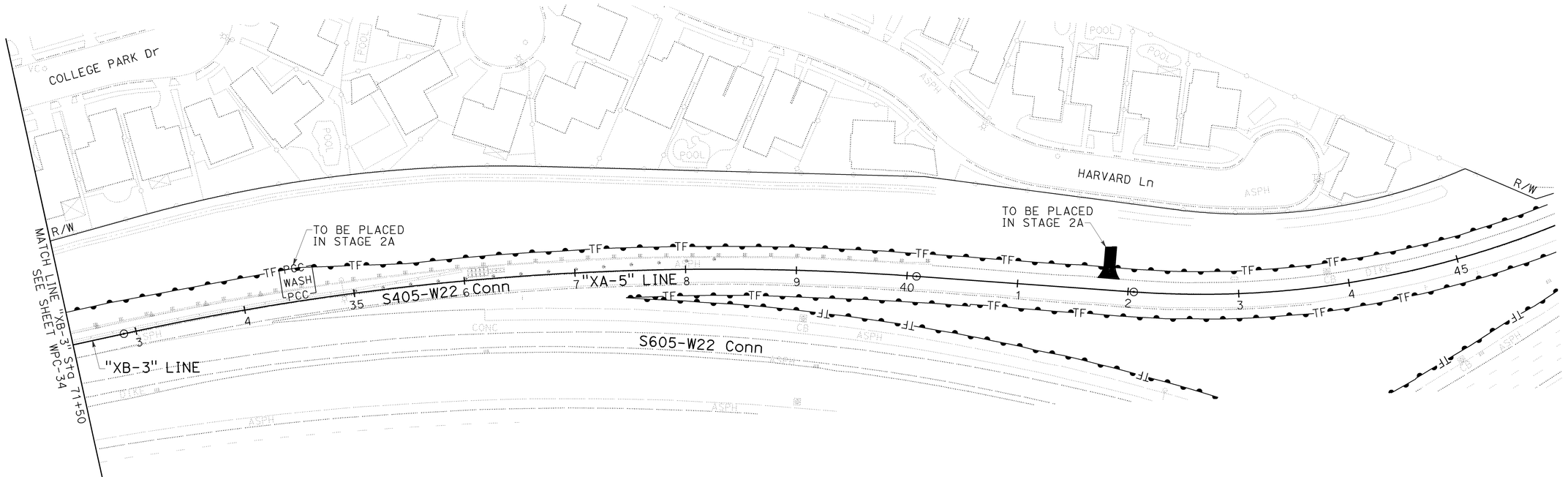

TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 1B.4, 1B.5 AND 2A)

SCALE: 1" = 50'

WPC-35

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:38
08-10-09

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163gb035.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	210	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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550 S. MAIN STREET
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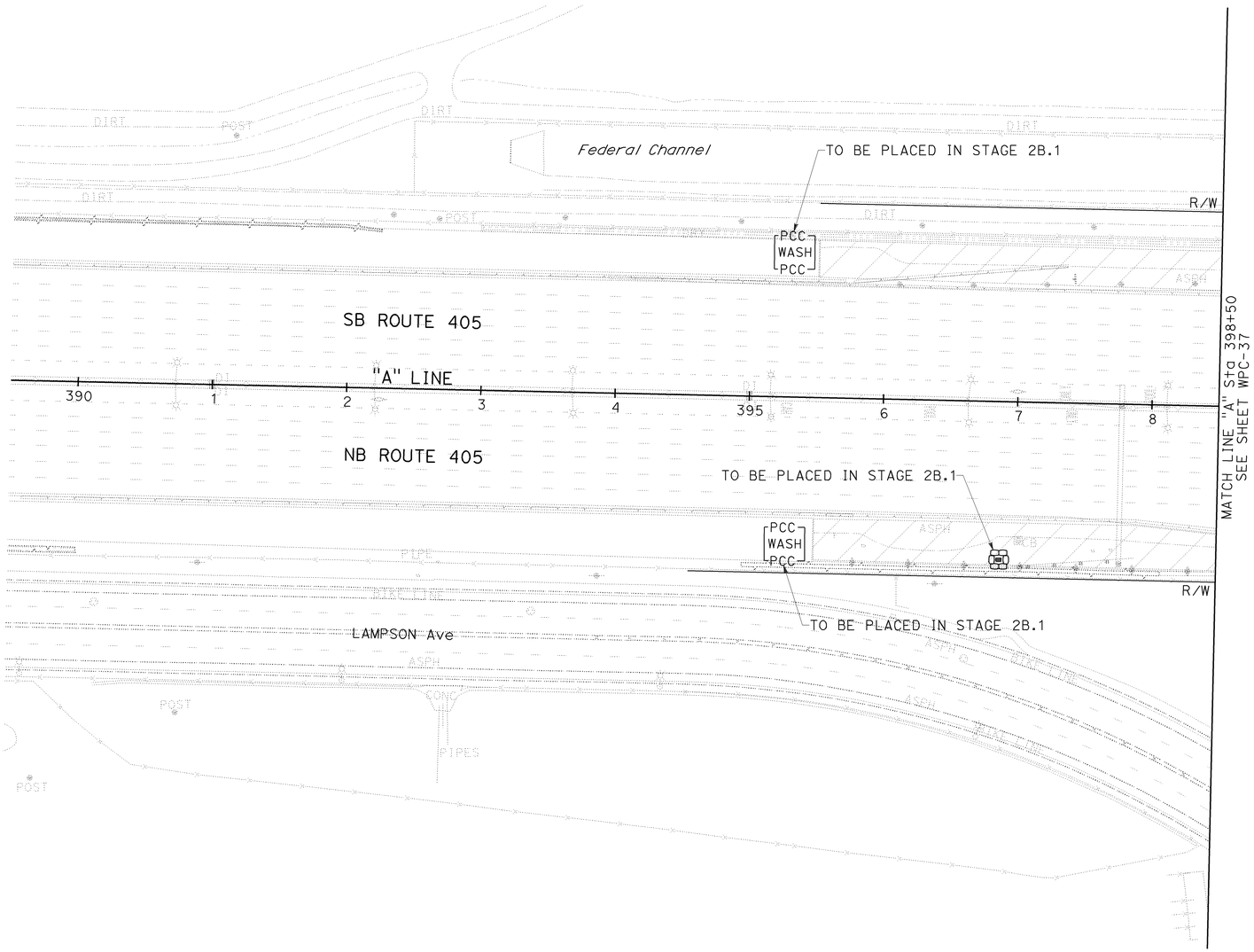
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.1)

SCALE: 1" = 50'

WPC-36

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA
CHECKED BY	JULIET SU	DATE REVISED	12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans		

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:39

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb036.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	211	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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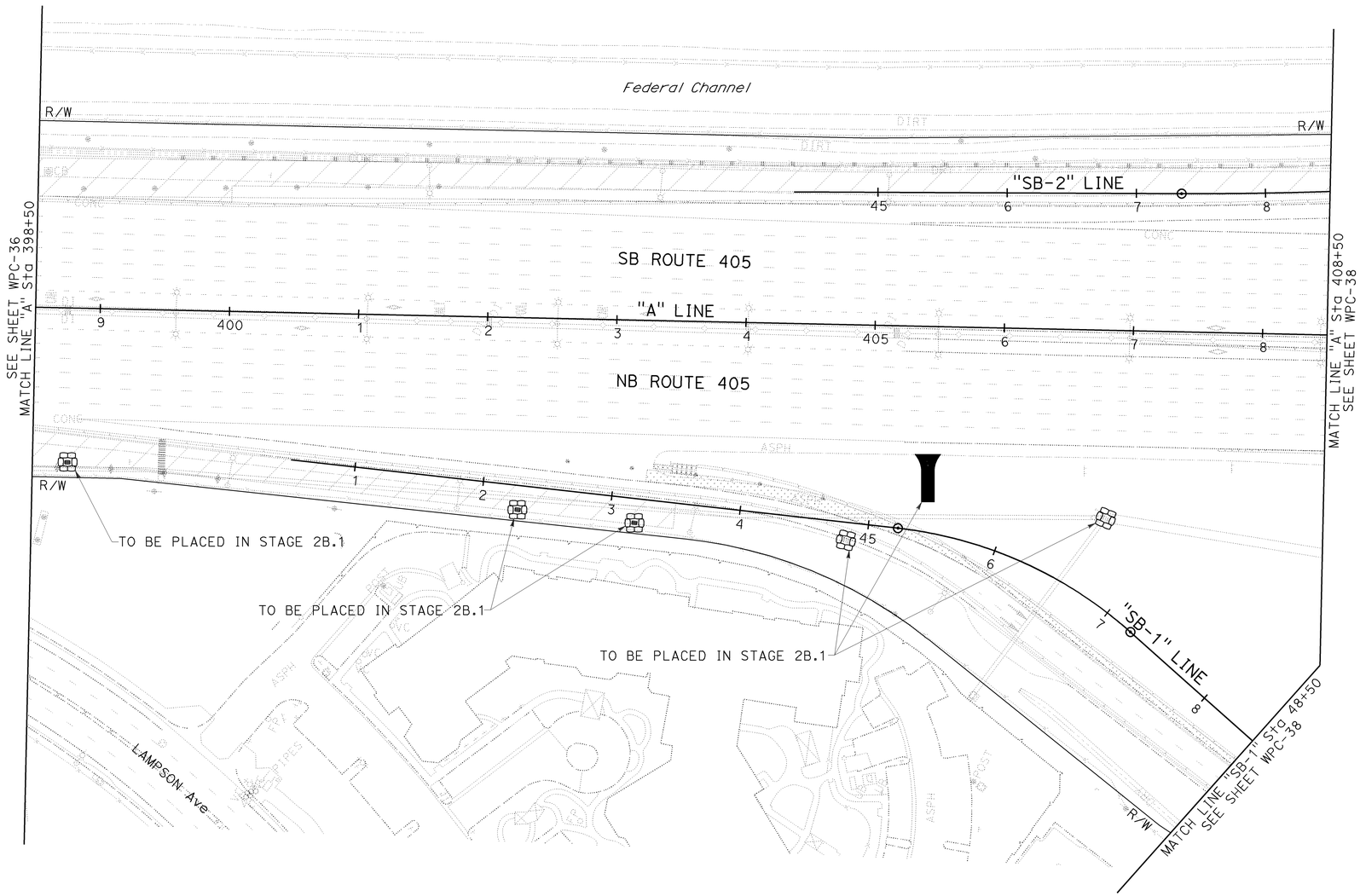
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.1)

SCALE: 1" = 50'

WPC-37

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:39
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c07163gb037.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	212	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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MTS 16795 VON KARMAN AVE SUITE 205 IRVINE, CA 92606	ORANGE COUNTY TRANSPORTATION AUTHORITY 550 S. MAIN STREET ORANGE, CA 92863-1584

SEE SHEET WPC-37 MATCH LINE "A" Sta 408+50

SEE SHEET WPC-37 MATCH LINE "SB-1" Sta 48+50

R/W

TO BE PLACED IN STAGE 2B.1

Federal Channel

"SB-2" LINE

MATCH LINE "SB-2" Sta 57+50 SEE SHEET WPC-46

"SB-4" LINE

"SB-1" LINE

"SB-3" LINE

SB ROUTE 405

NB ROUTE 405

"A" LINE

PCC WASH PCC

6"SB-5" LINE

SEAL BEACH Blvd

"SB" LINE

MATCH LINE "SB" Sta 48+50 SEE SHEET WPC-46

MATCH LINE "A" Sta 417+50 SEE SHEET WPC-39

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.1)

SCALE: 1" = 50'

WPC-38

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA	
CHECKED BY	JULIET SU	DATE REVISED	12/22/09	
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA			
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans			

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:39
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb038.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	213	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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.

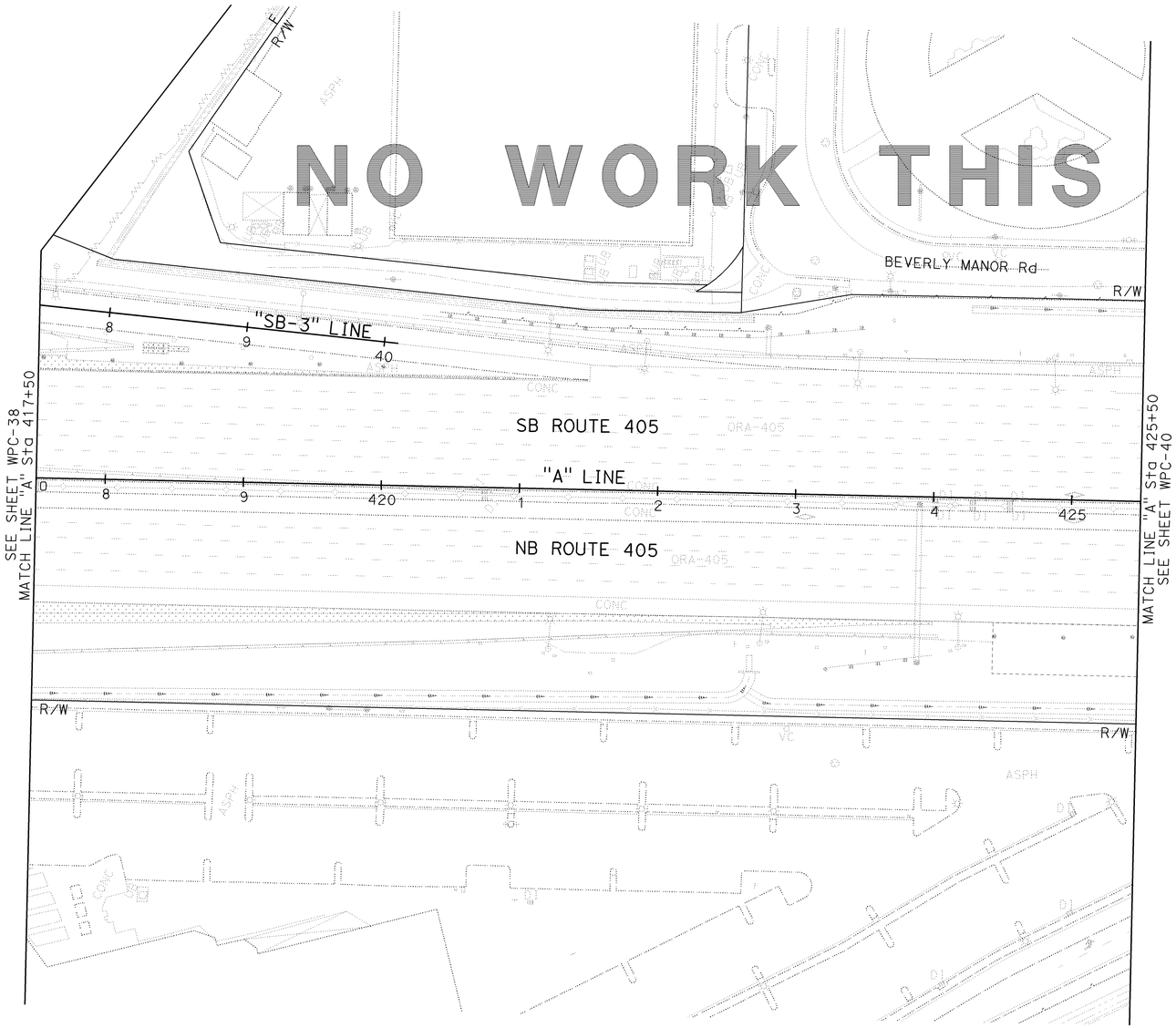
MTS
16795 VON KARMAN AVE
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

NO WORK THIS SHEET



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 2B.1)

SCALE: 1" = 50'

WPC-39

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:39
08-10-09

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c071163gb039.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	214	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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ORANGE COUNTY
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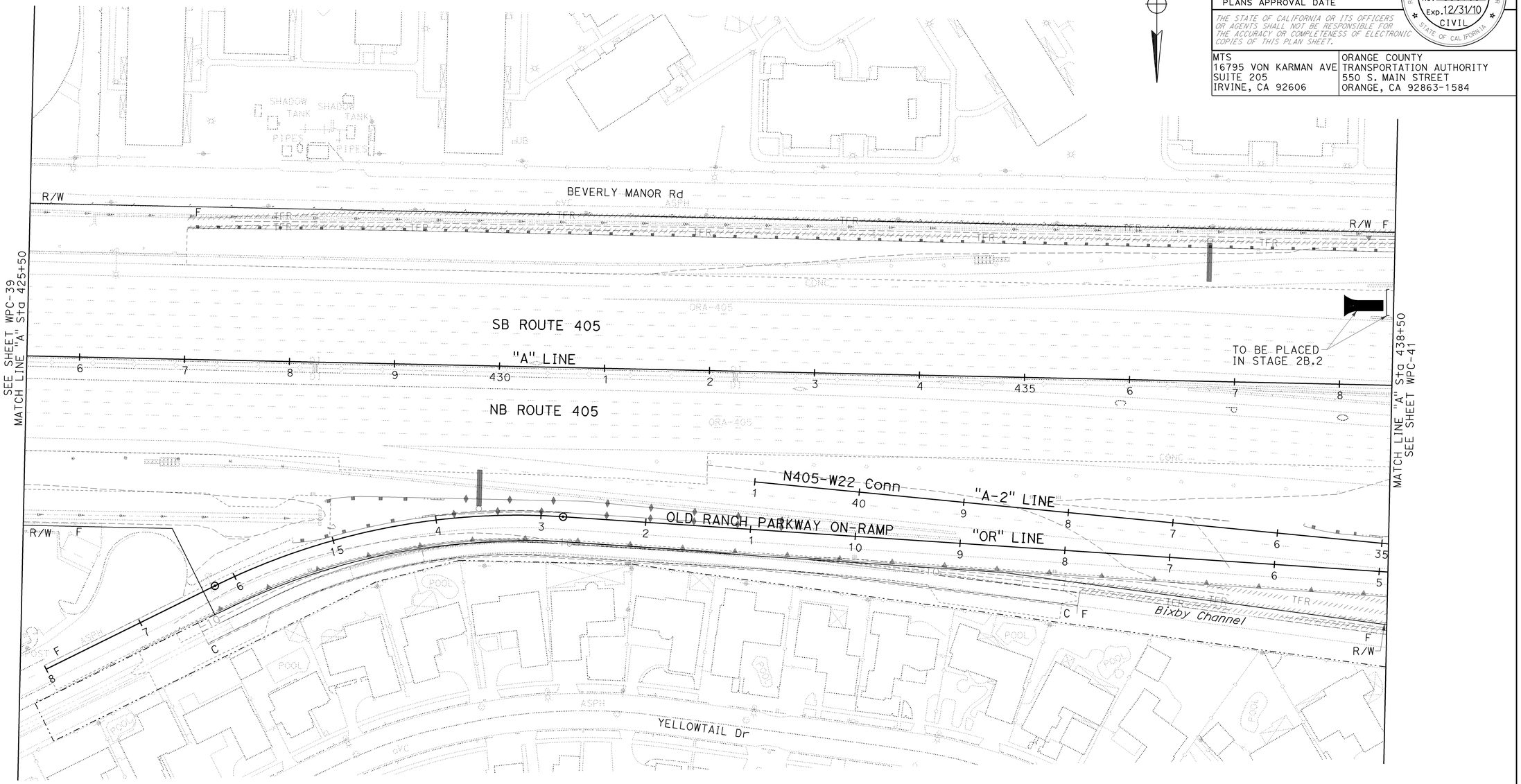
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.1)

SCALE: 1" = 50'

WPC-40

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:39

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb040.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	215	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU — No. C56168 — Exp.12/31/10 — CIVIL — STATE OF CALIFORNIA

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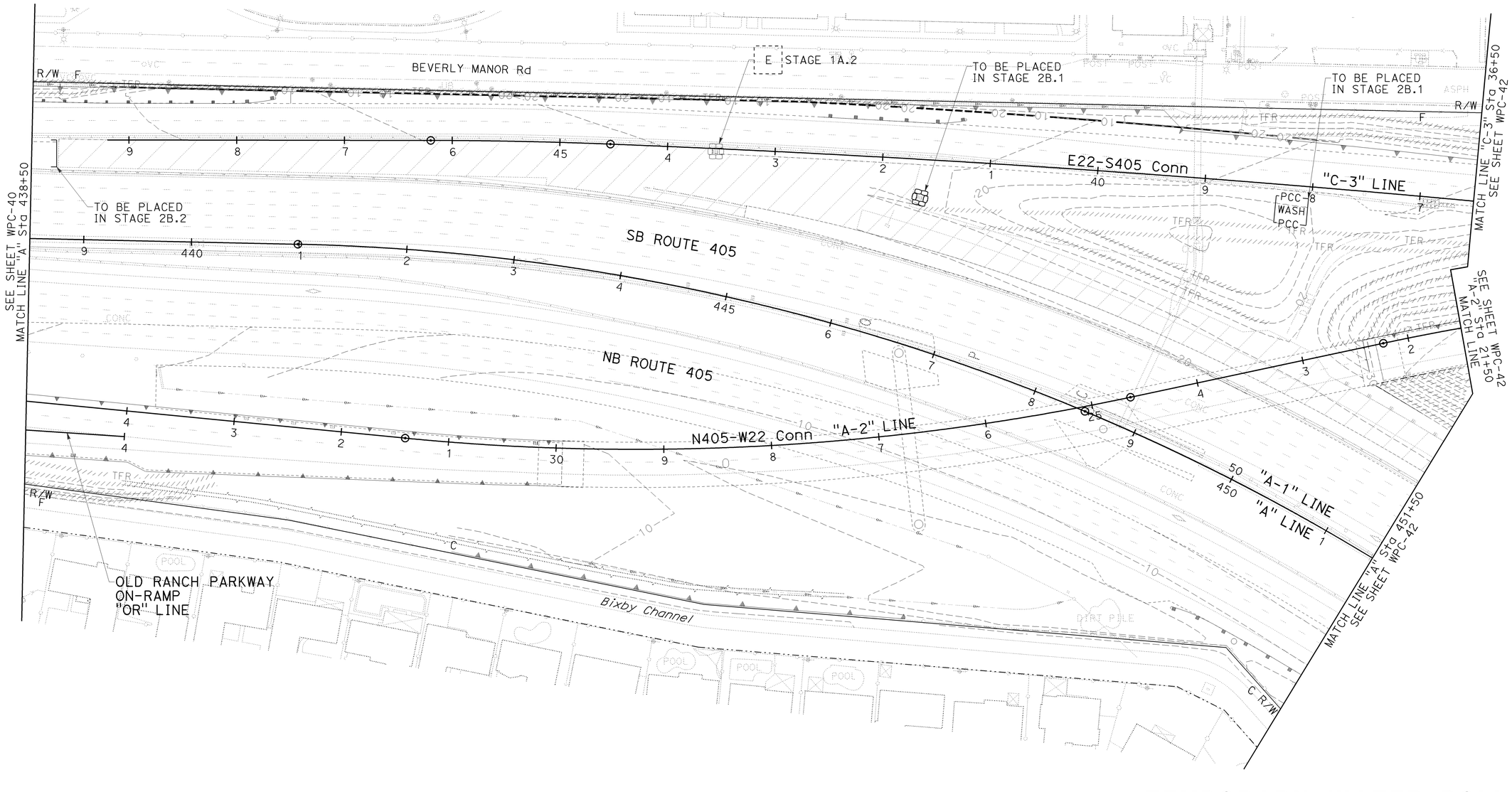
ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.1)

SCALE: 1" = 50'

WPC-41

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	KLA	12/22/09
CHECKED BY	JULIET SU	DATE REVISED
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA	REVISED BY
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans	KELSIE ANDERSON

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:39
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb041.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	216	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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SUITE 205
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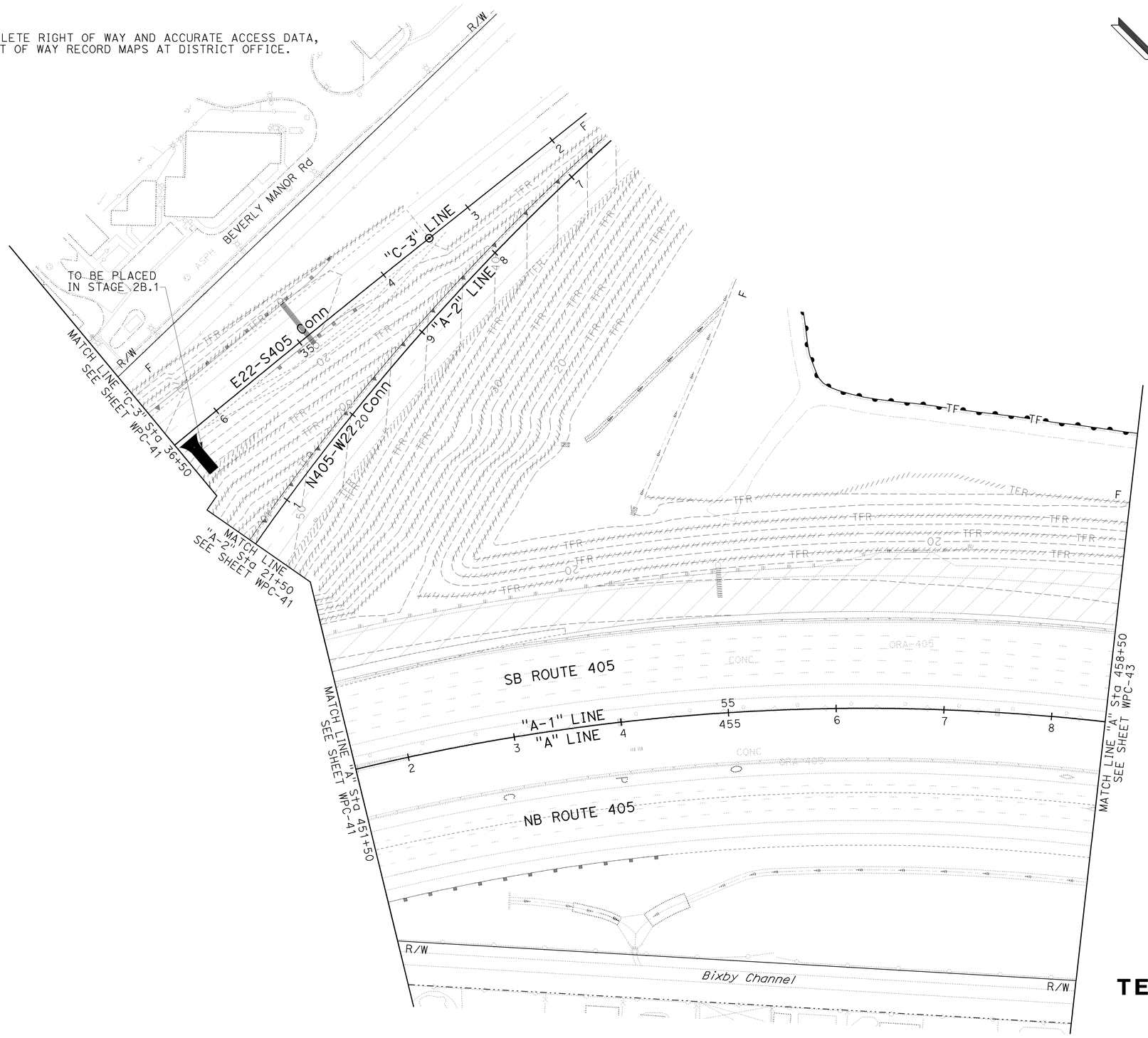
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 2B.1)

SCALE: 1" = 50'

WPC-42

CALCULATED-DESIGNED BY	KELSIE ANDERSON	
CHECKED BY	JULIET SU	
REVISED BY	KLA	12/22/09
DATE REVISED		
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA	
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans	

LAST REVISION: DATE PLOTTED => 03-FEB-2010; 08-10-09 TIME PLOTTED => 07:39

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb042.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	217	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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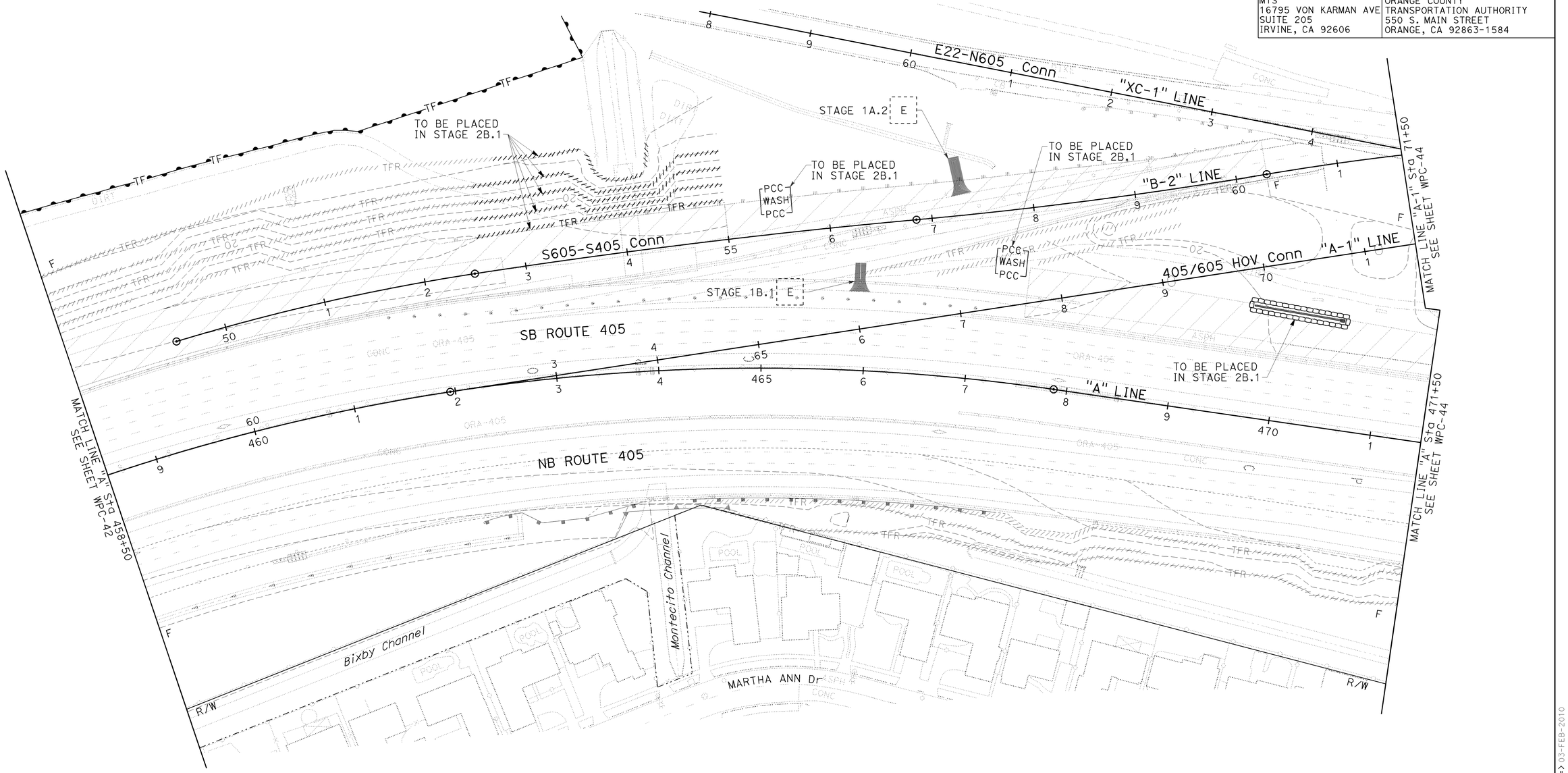
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.1)

SCALE: 1" = 50'

WPC-43

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 07:39

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c07163gb043.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	218	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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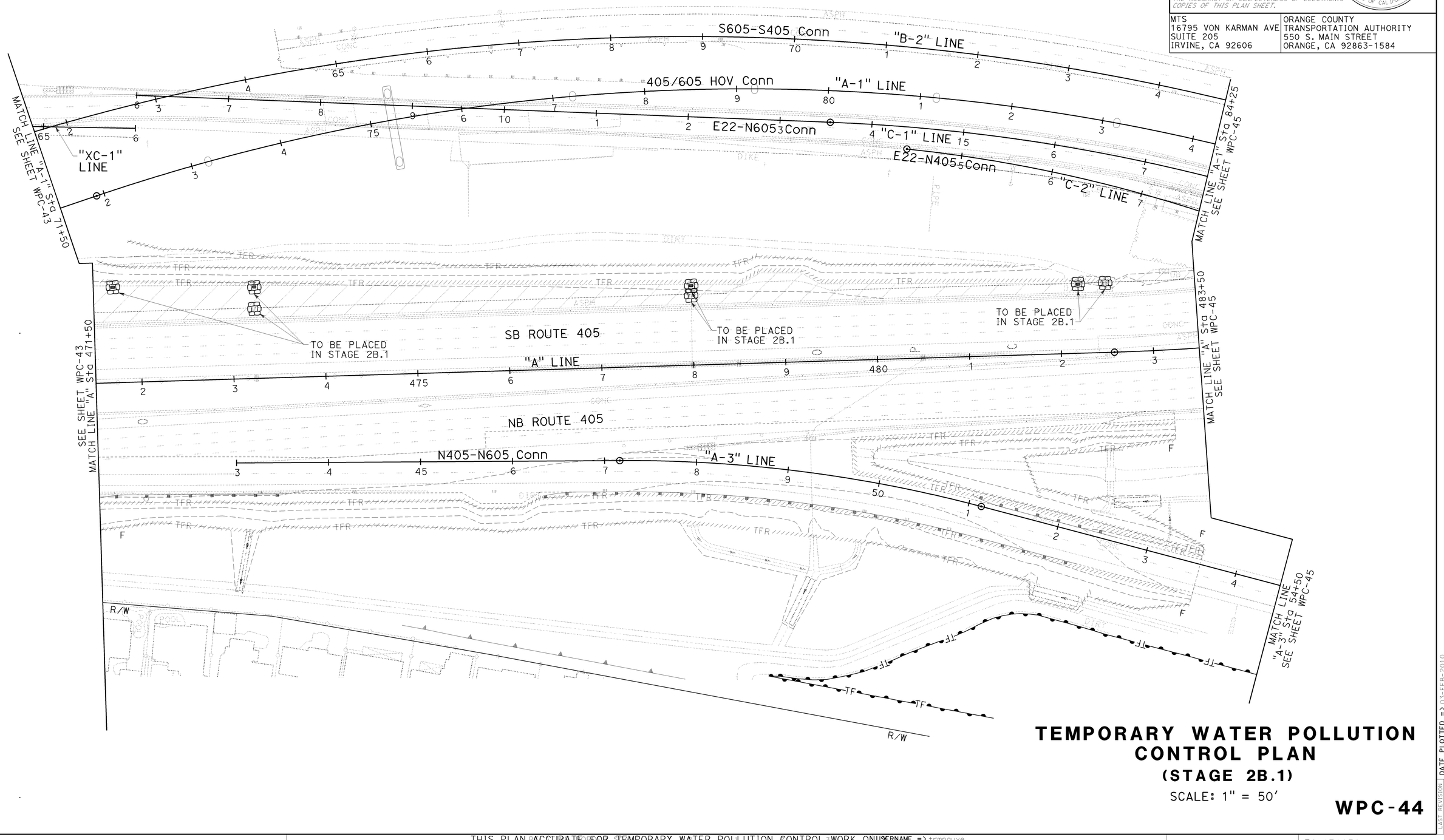
MTS 16795 VON KARMAN AVE SUITE 205 IRVINE, CA 92606	ORANGE COUNTY TRANSPORTATION AUTHORITY 550 S. MAIN STREET ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 2B.1)

SCALE: 1" = 50'

WPC-44

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

CALCULATED-DESIGNED BY: KELSIE ANDERSON

CHECKED BY: JULIET SU

REVISED BY: KLA

DATE REVISED: 12/22/09

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:40

BORDER LAST REVISED 8/1/2008

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

USERNAME => trmnguye
DGN FILE => c07163gb044.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	219	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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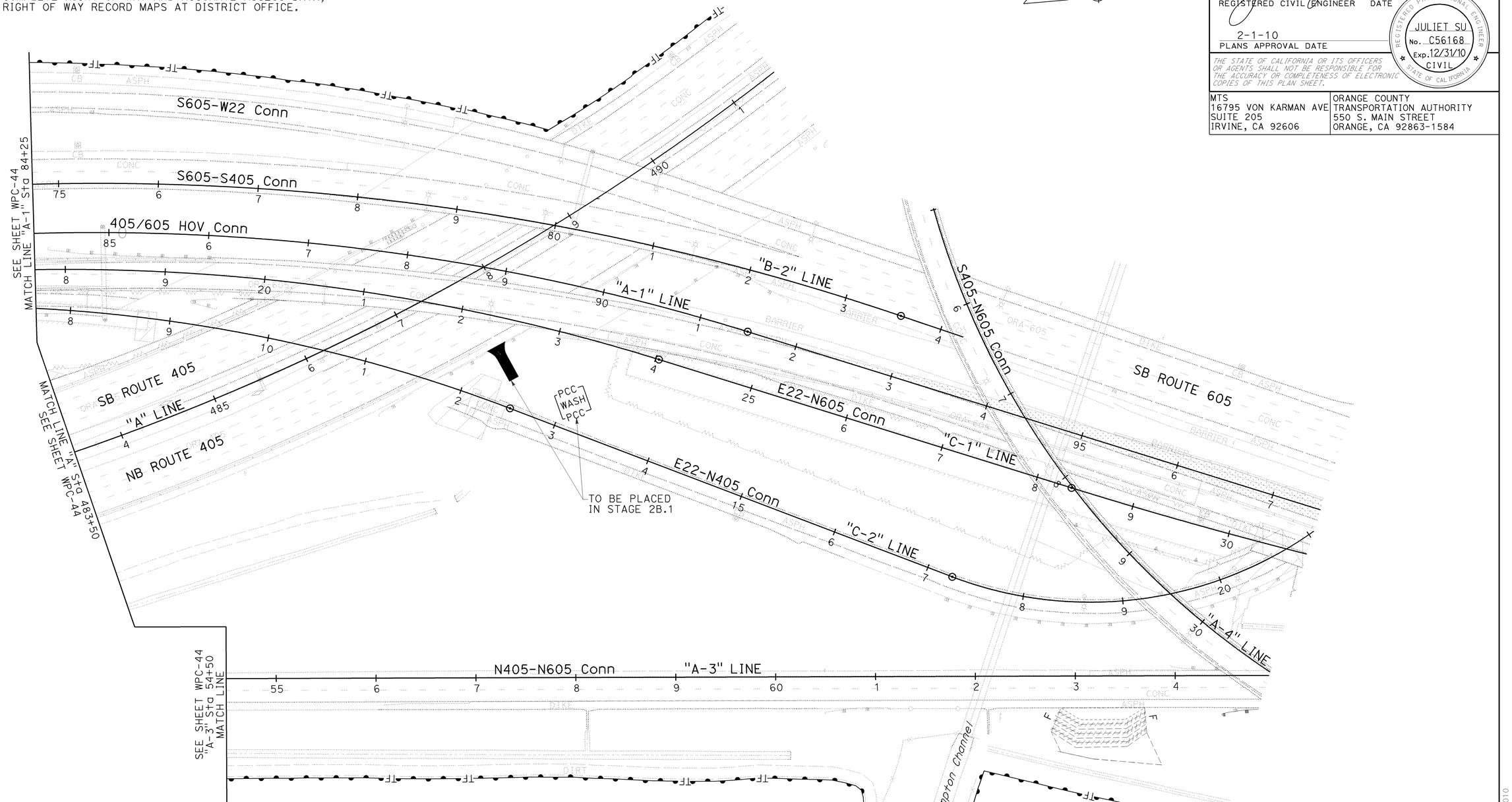
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.1)

SCALE: 1" = 50'

WPC-45

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

	REVISED BY	DATE REVISED
	KLA	12/22/09

CALCULATED-DESIGNED BY	CHECKED BY
KELSIE ANDERSON	JULIET SU

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:40

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c071163gb045.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	220	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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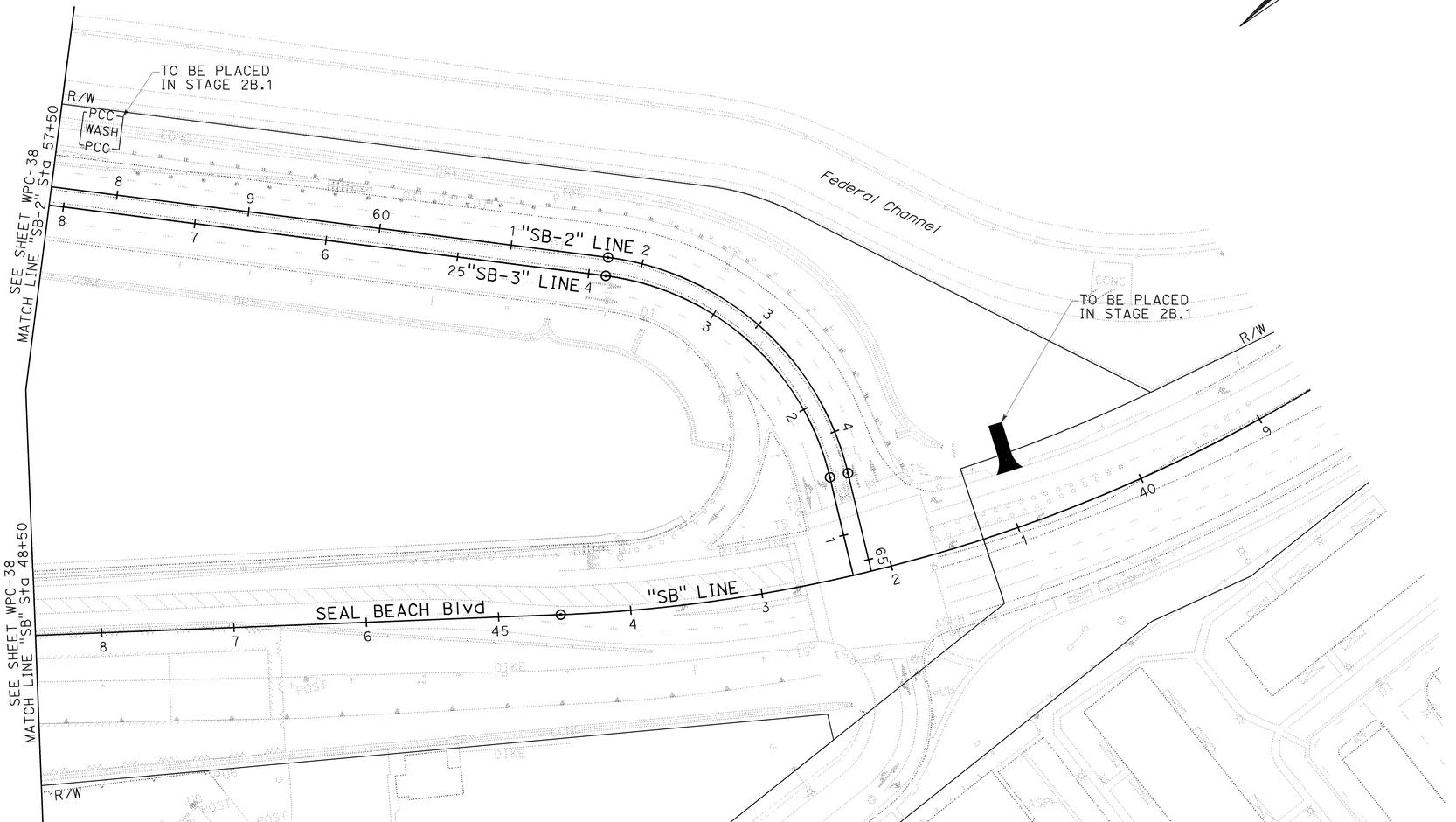
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.1)

SCALE: 1" = 50'

WPC-46

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

KELSIE ANDERSON — CALCULATED-DESIGNED BY
JULIET SU — CHECKED BY
LEONARD SEQUEIRA — CONSULTANT FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:40
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb046.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	221	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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SUITE 205
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ORANGE COUNTY
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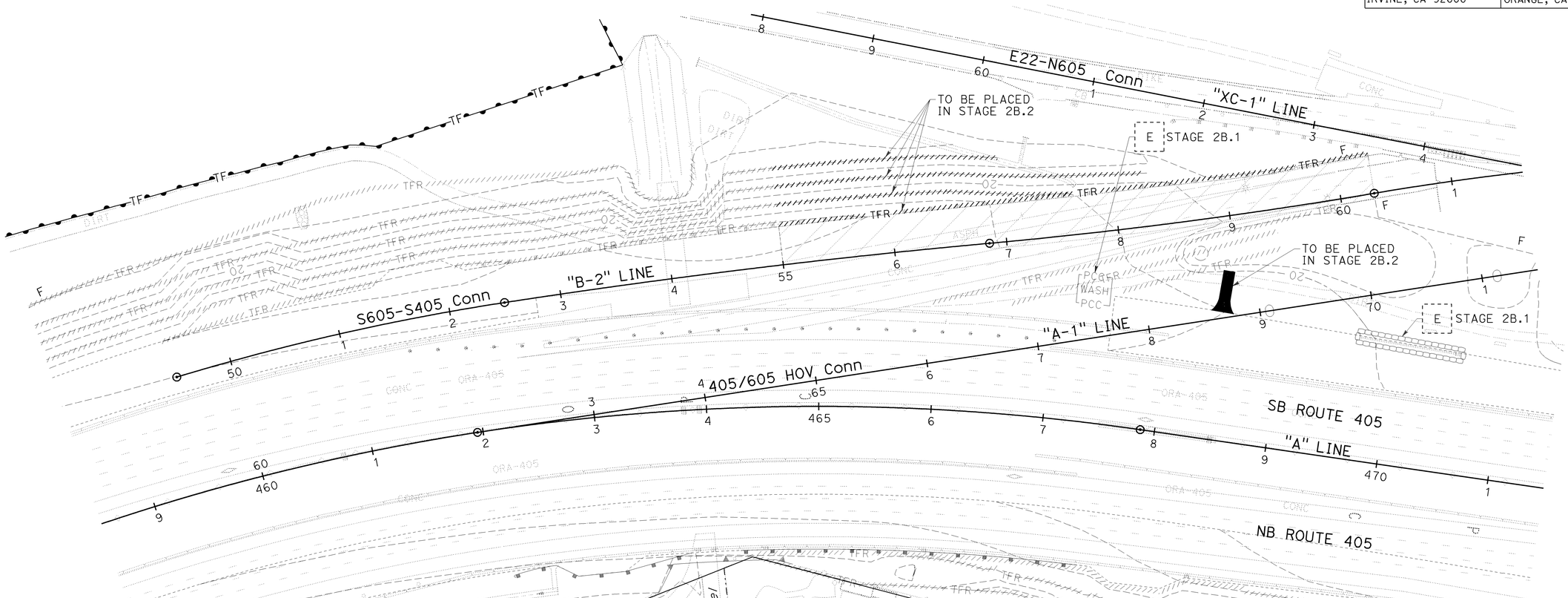
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.2)

SCALE 1"=50'

WPC-47

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU

REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION: 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:40

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163gb047.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	222	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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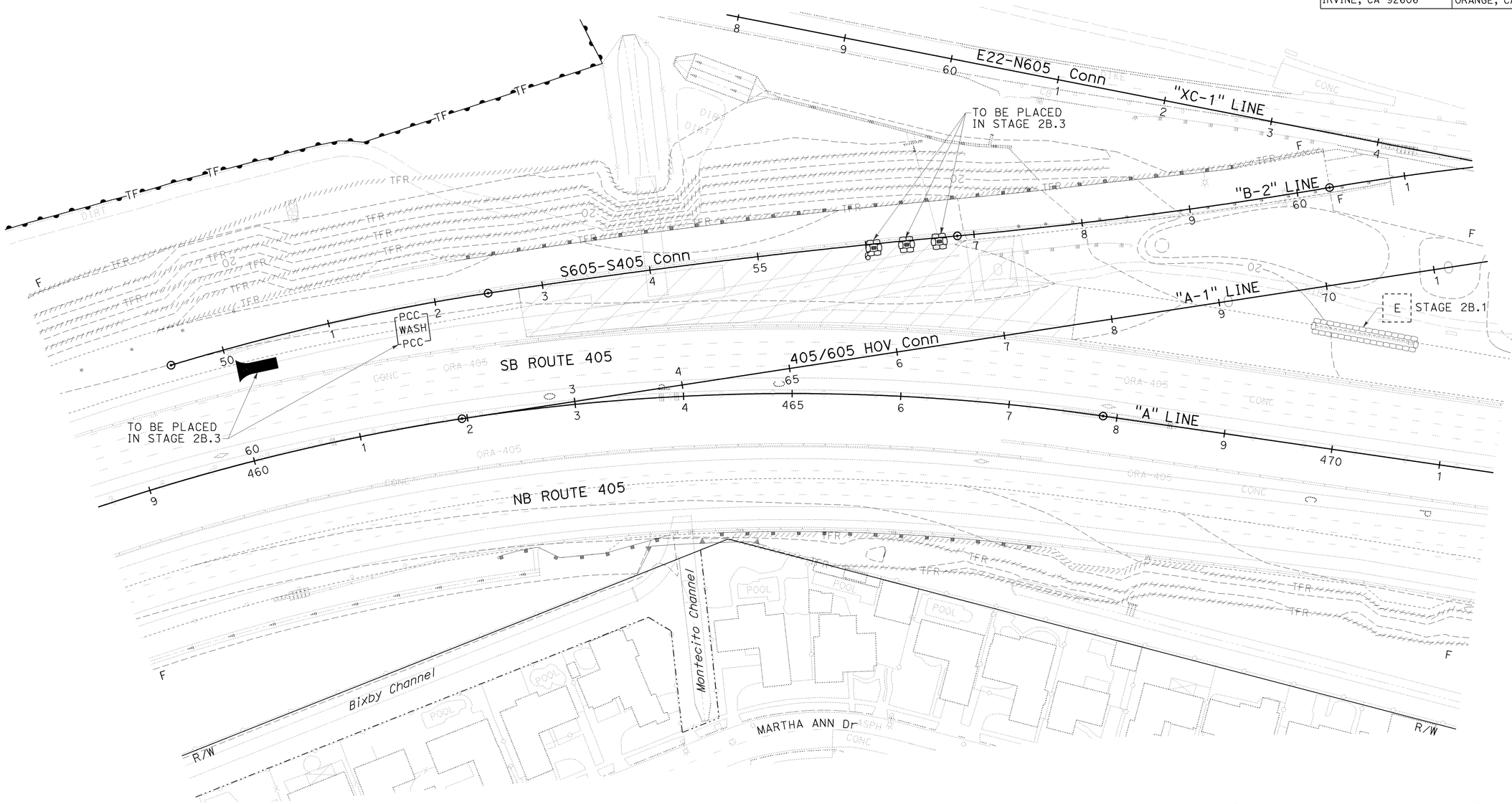
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2B.3)

SCALE: 1" = 50'

WPC-48

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

	REVISED BY	DATE REVISED
	KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
SUPERVISOR: LEONARD SEQUEIRA
CONSULTANT FUNCTIONAL

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:40
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c071163gb048.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	223	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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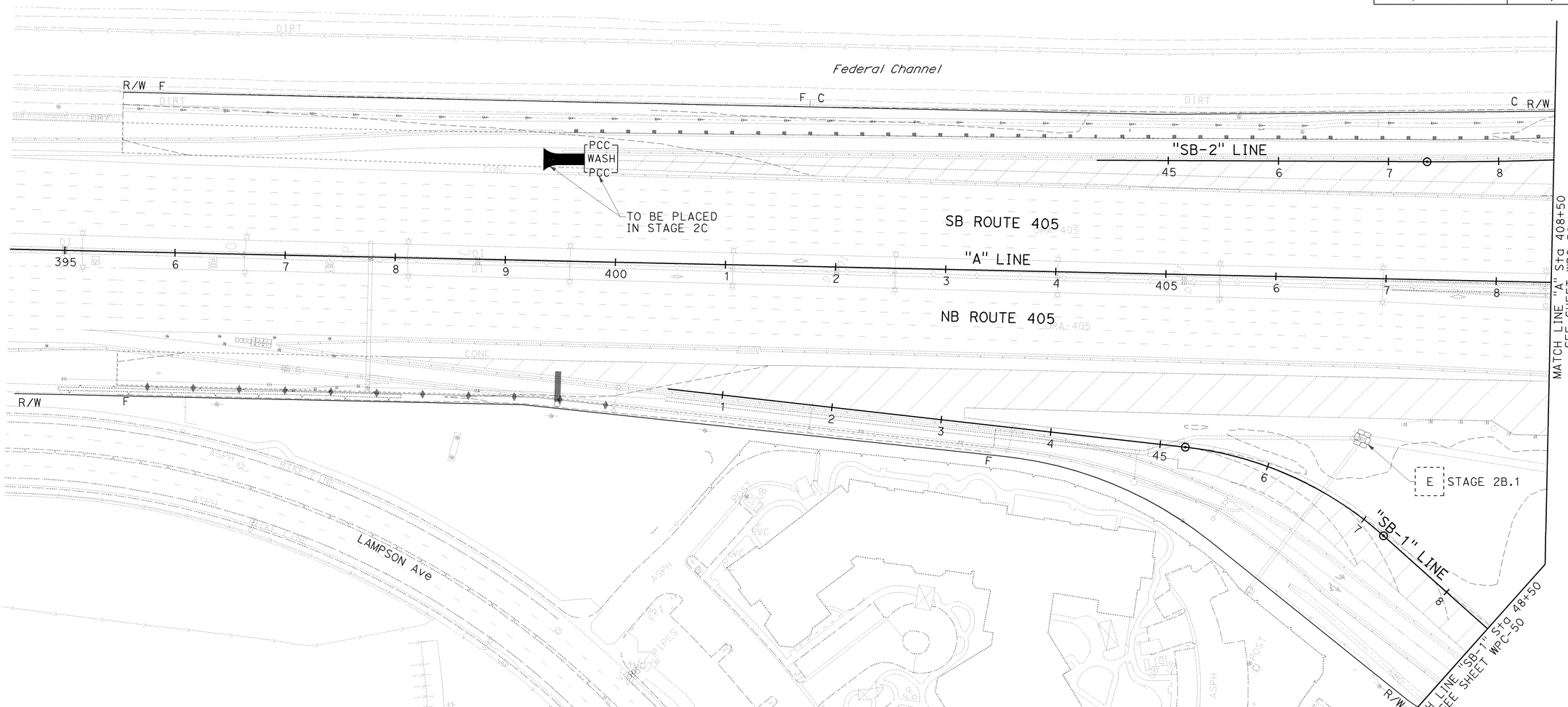
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-49

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 07:40

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c07163gb049.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	224	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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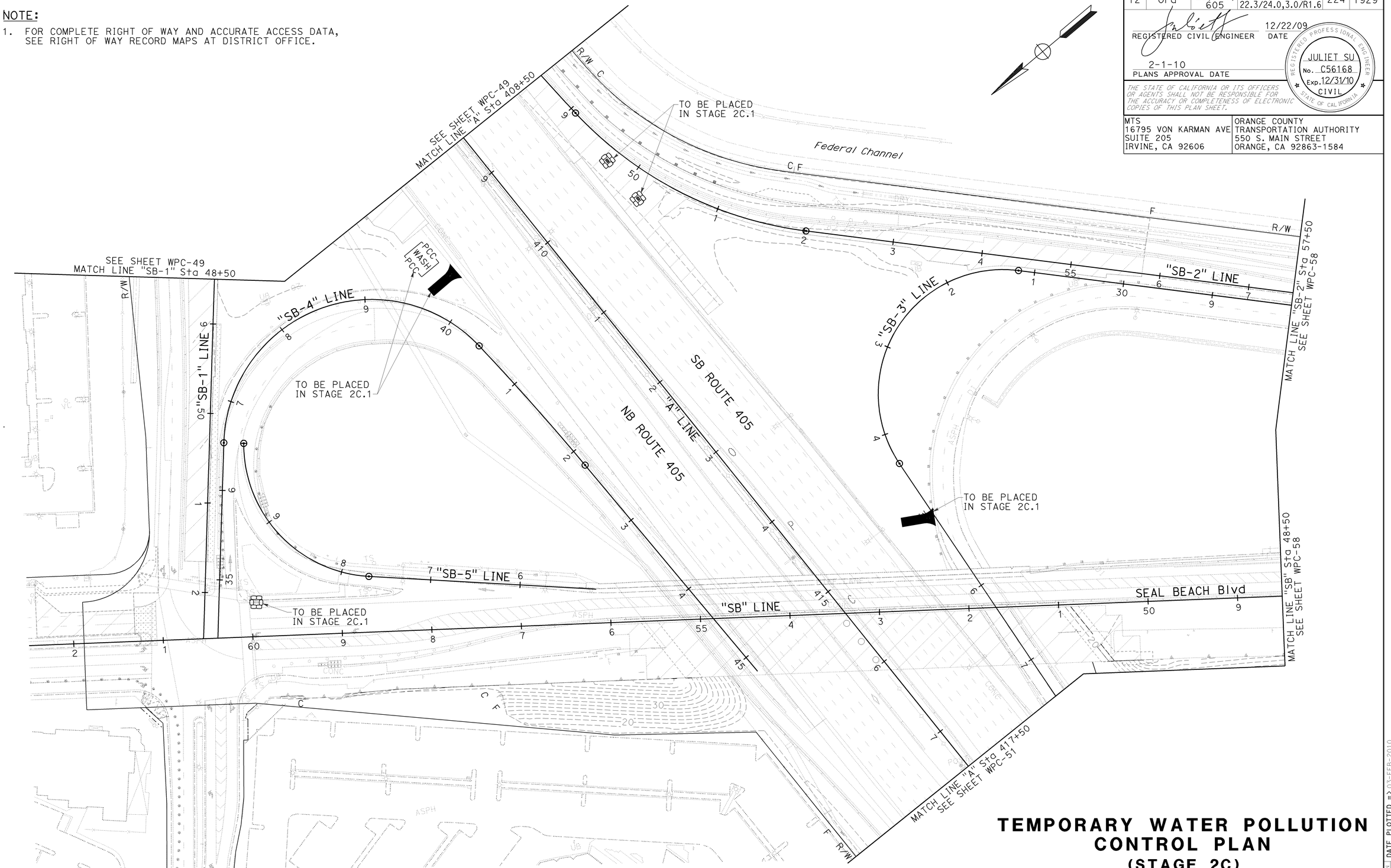
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-50

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:40

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb050.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	225	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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SUITE 205
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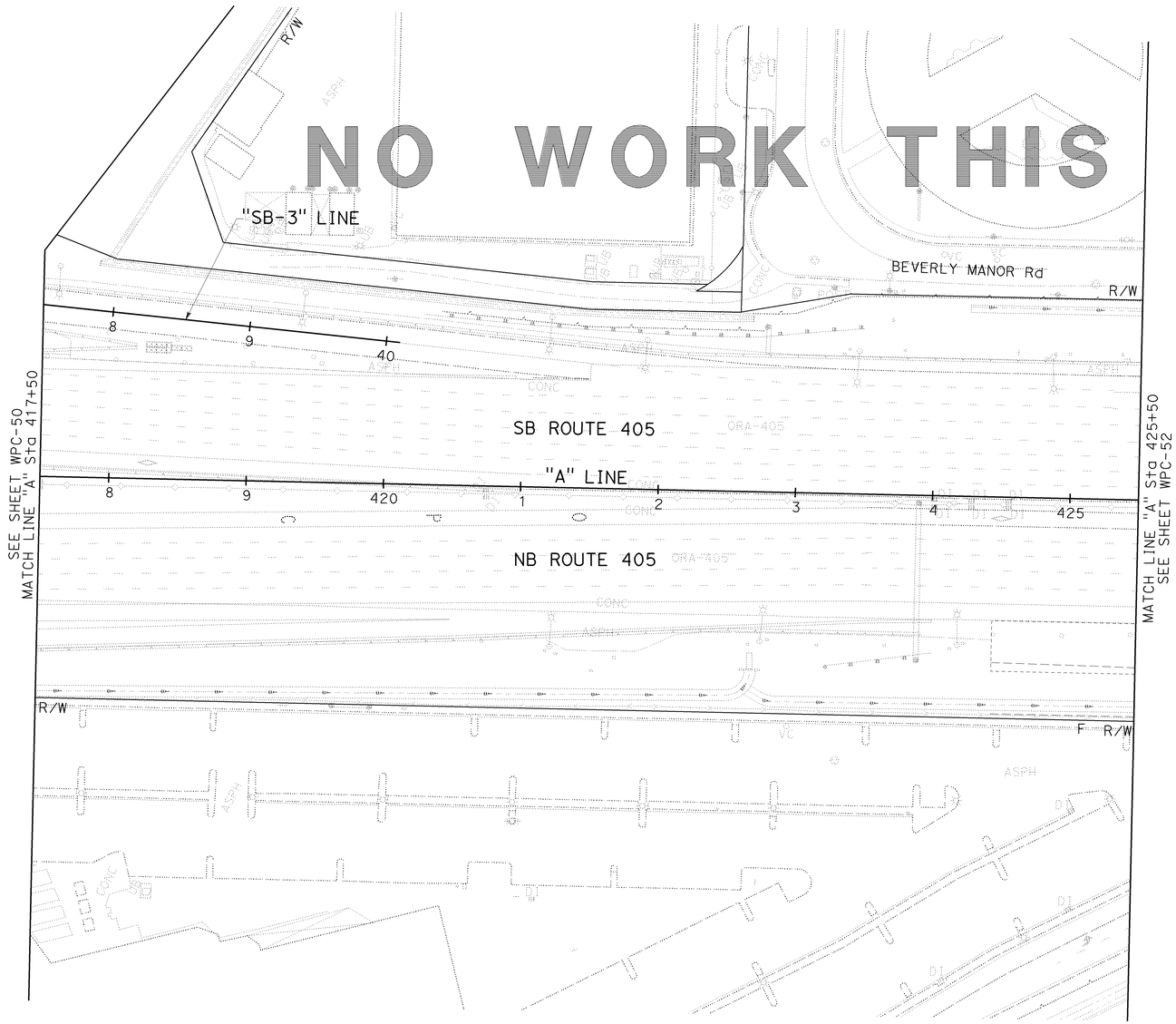
ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-51

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:41
08-10-09

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163gb051.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	226	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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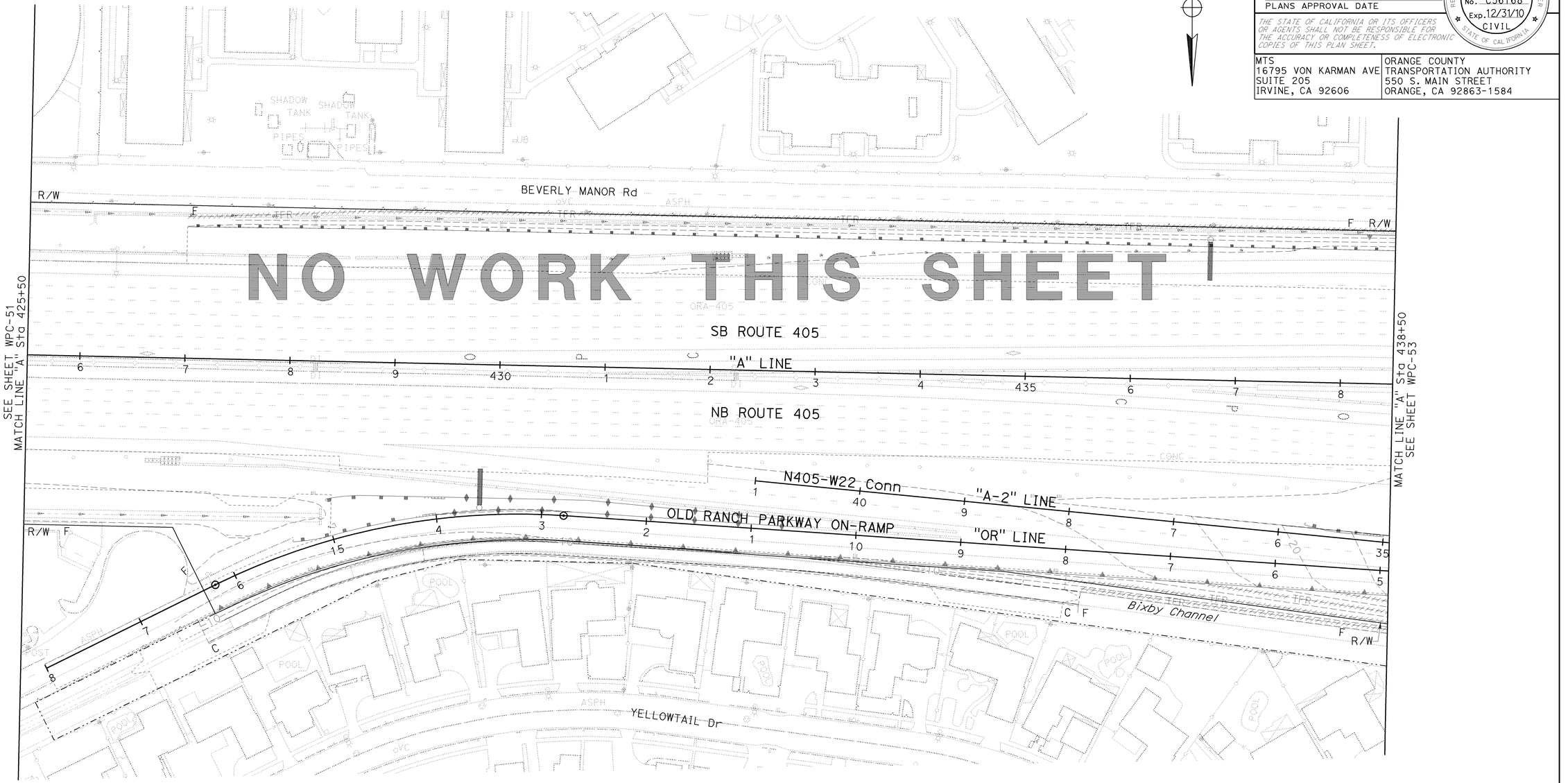
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-52

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:41

BORDER LAST REVISED 8/1/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmnguye
DGN FILE => c07163gb052.dgn
CU 12235
EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	227	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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SUITE 205
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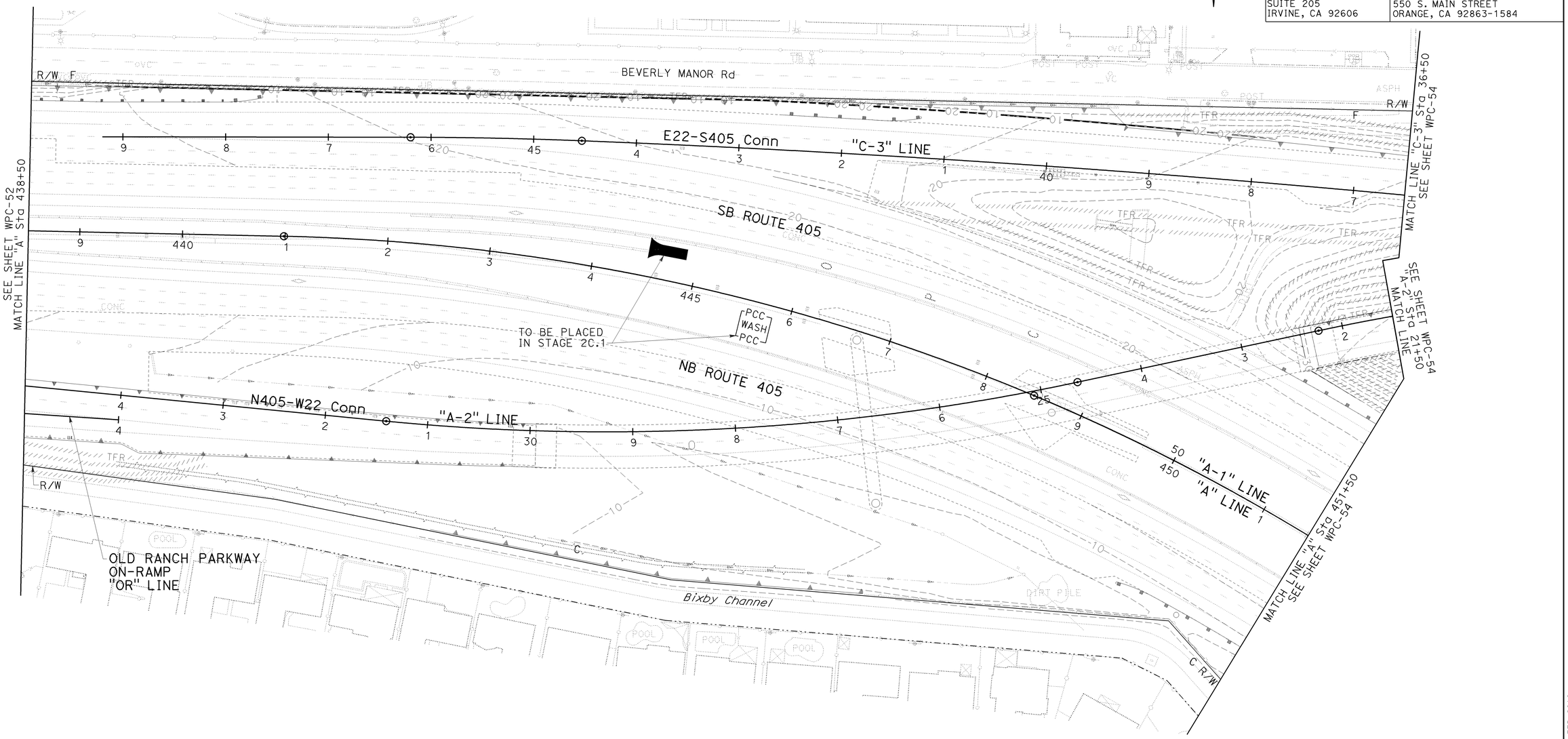

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-53

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:41
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c07163gb053.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	228	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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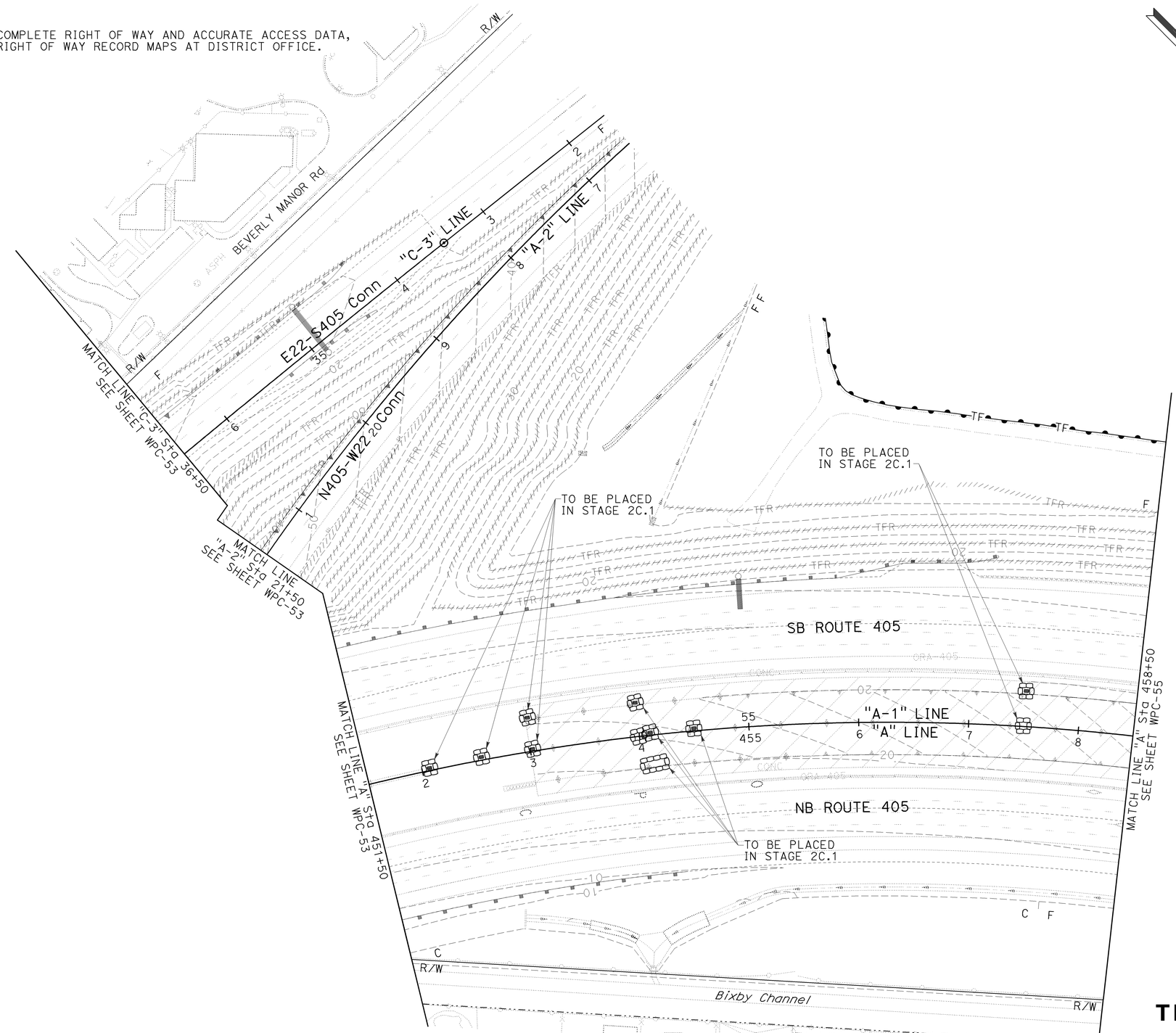
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-54

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:41

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163gb054.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	229	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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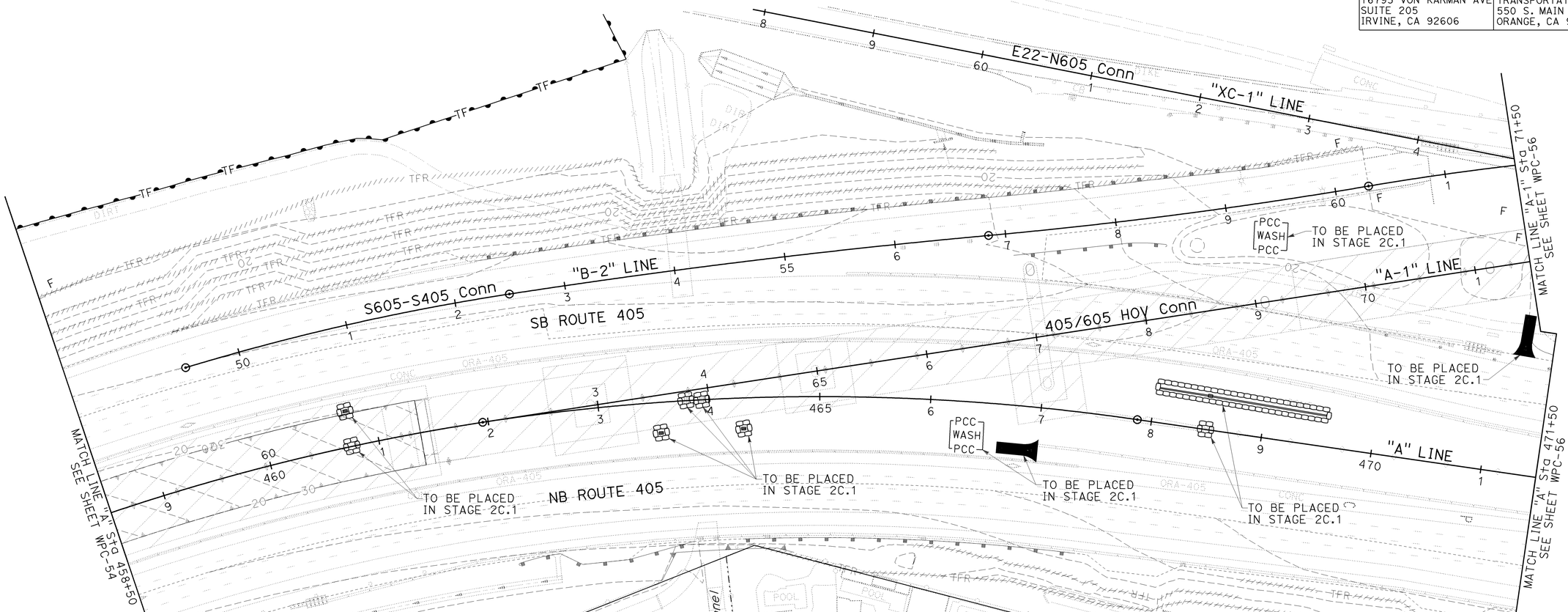
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-55

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:41

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163gb055.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	230	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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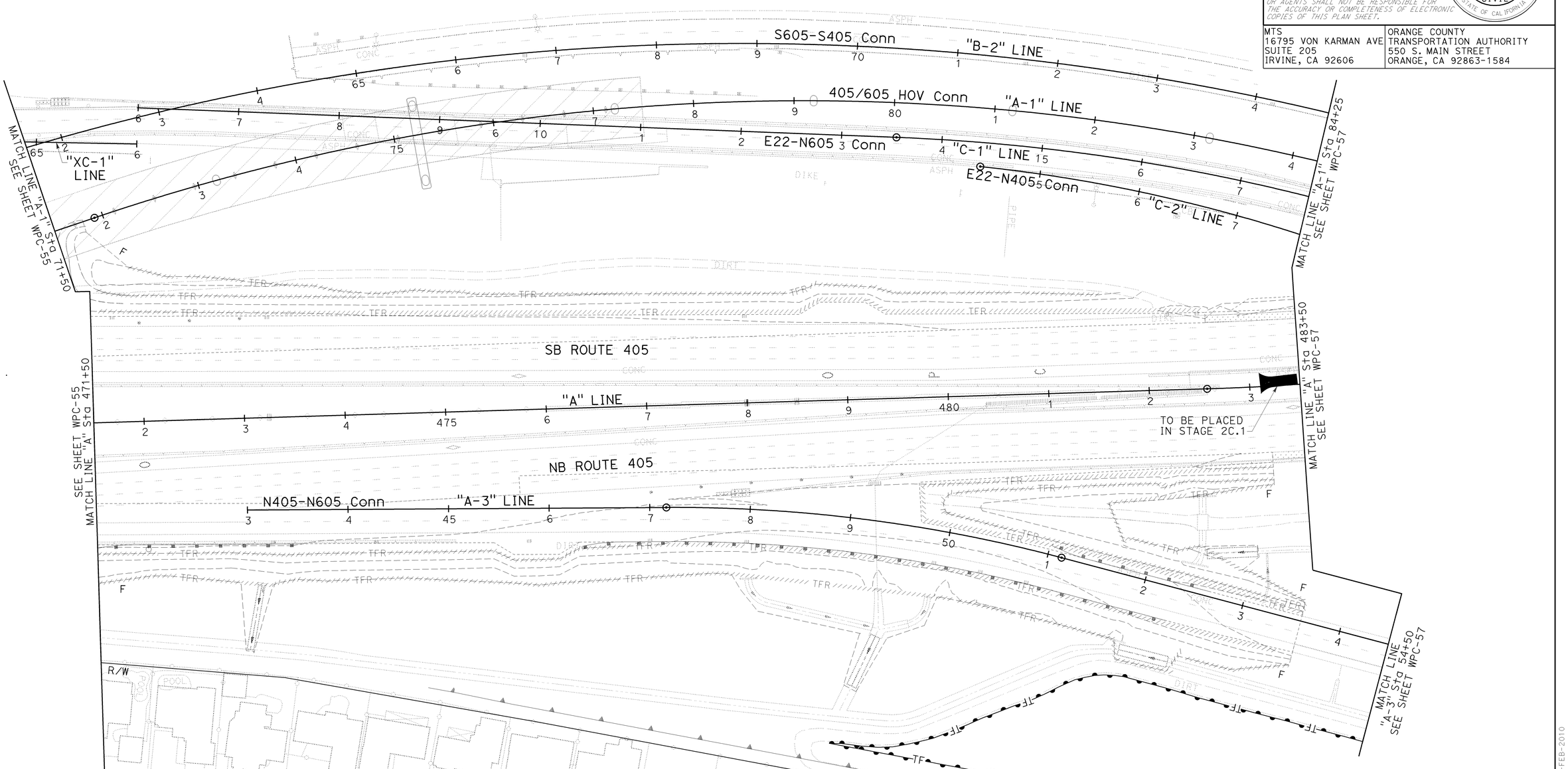
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-56

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

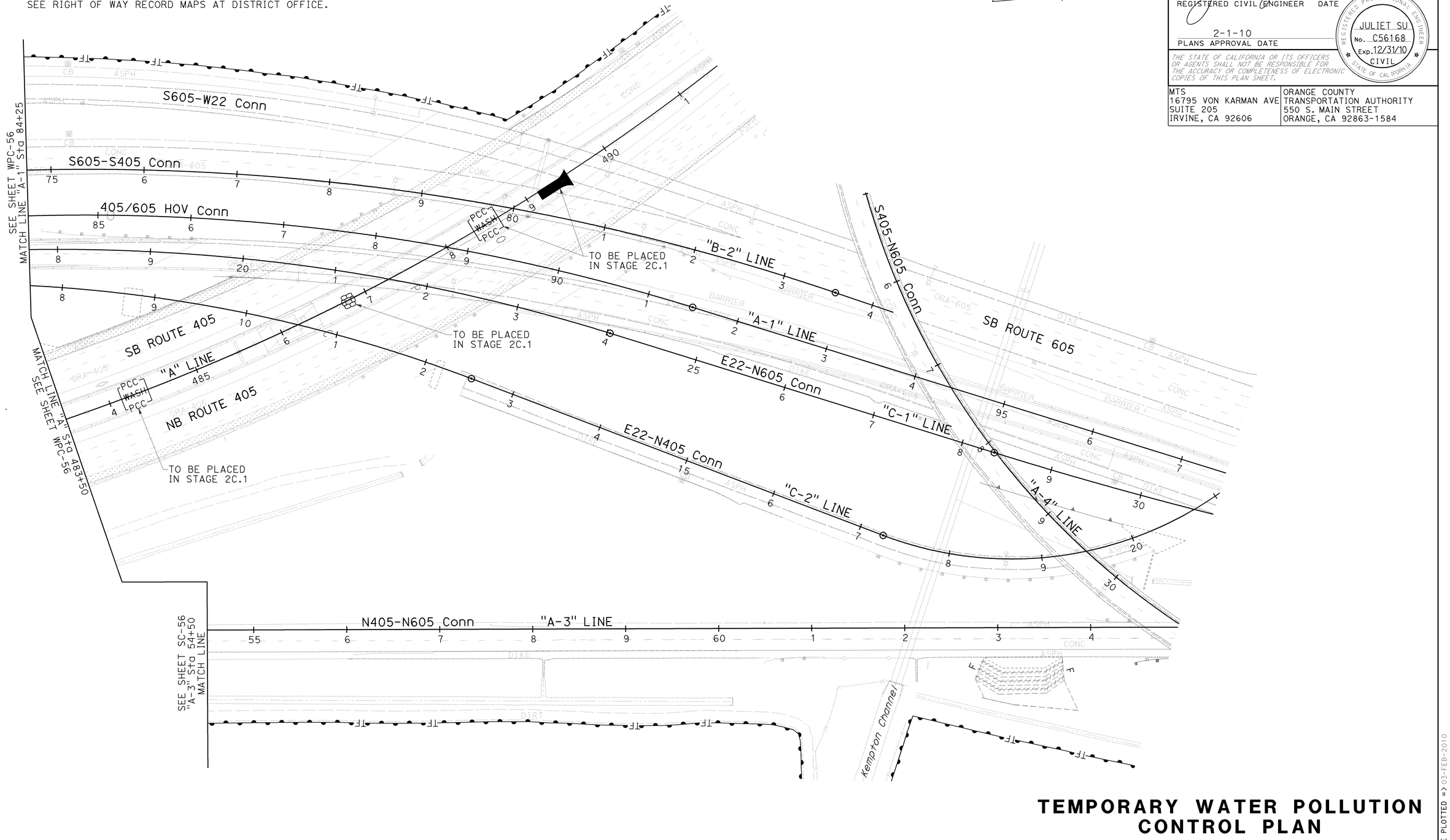
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION | DATE PLOTTED => 03-FEB-2010
08-10-09 | TIME PLOTTED => 07:42

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c07163gb056.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 2C)

SCALE: 1" = 50'

WPC-57

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	231	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
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.

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SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

REVISED BY	DATE REVISED
KLA	12/22/09

KELSIE ANDERSON — JULIET SU — CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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LAST REVISION 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 07:44

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin | DGN FILE => c07163gb057.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	232	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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MTS
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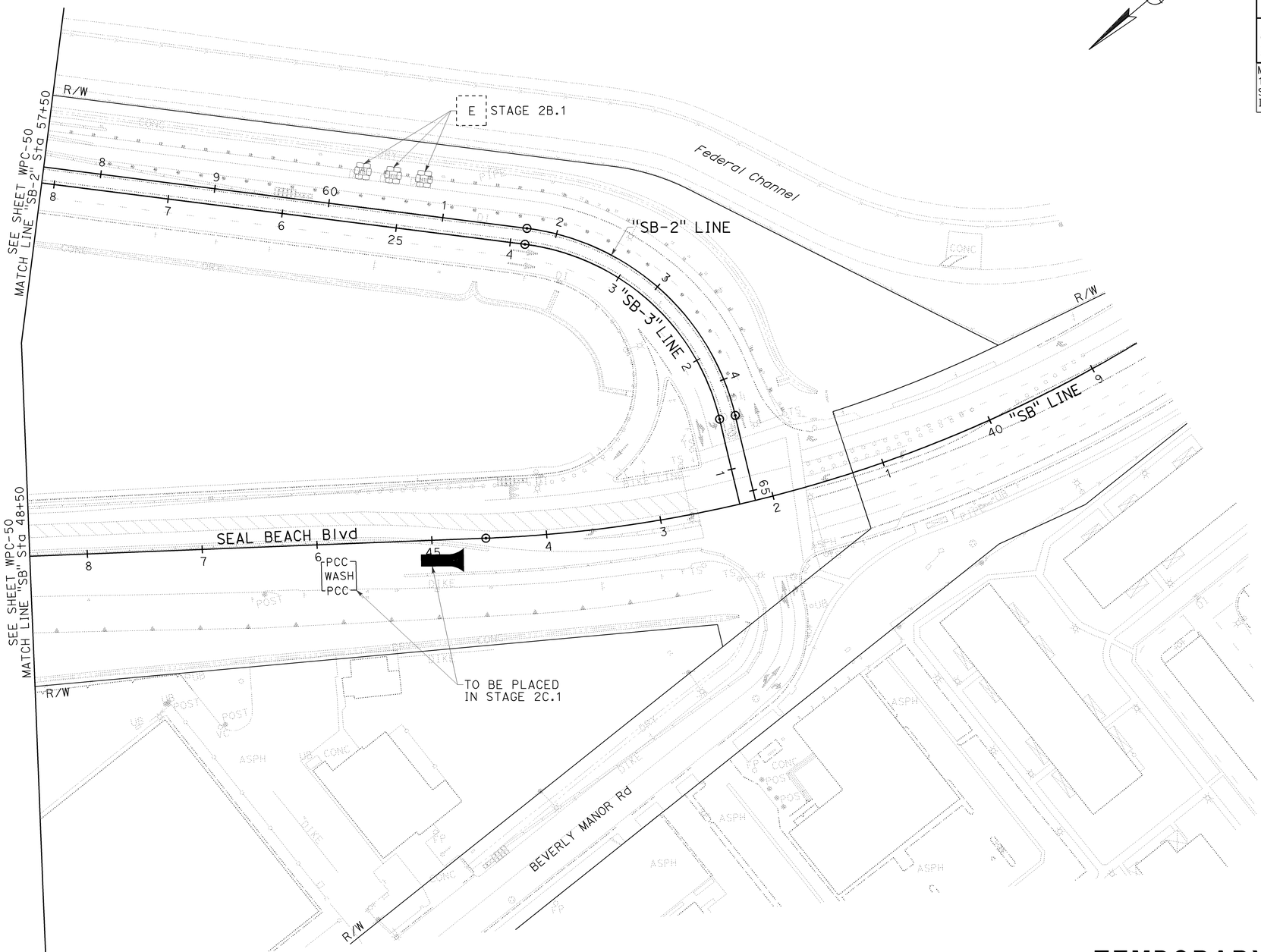
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2C)

SCALE: 1" = 50'

WPC-58

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
LAST REVISION TIME PLOTTED => 08:06
08-10-09

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	233	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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ORANGE COUNTY
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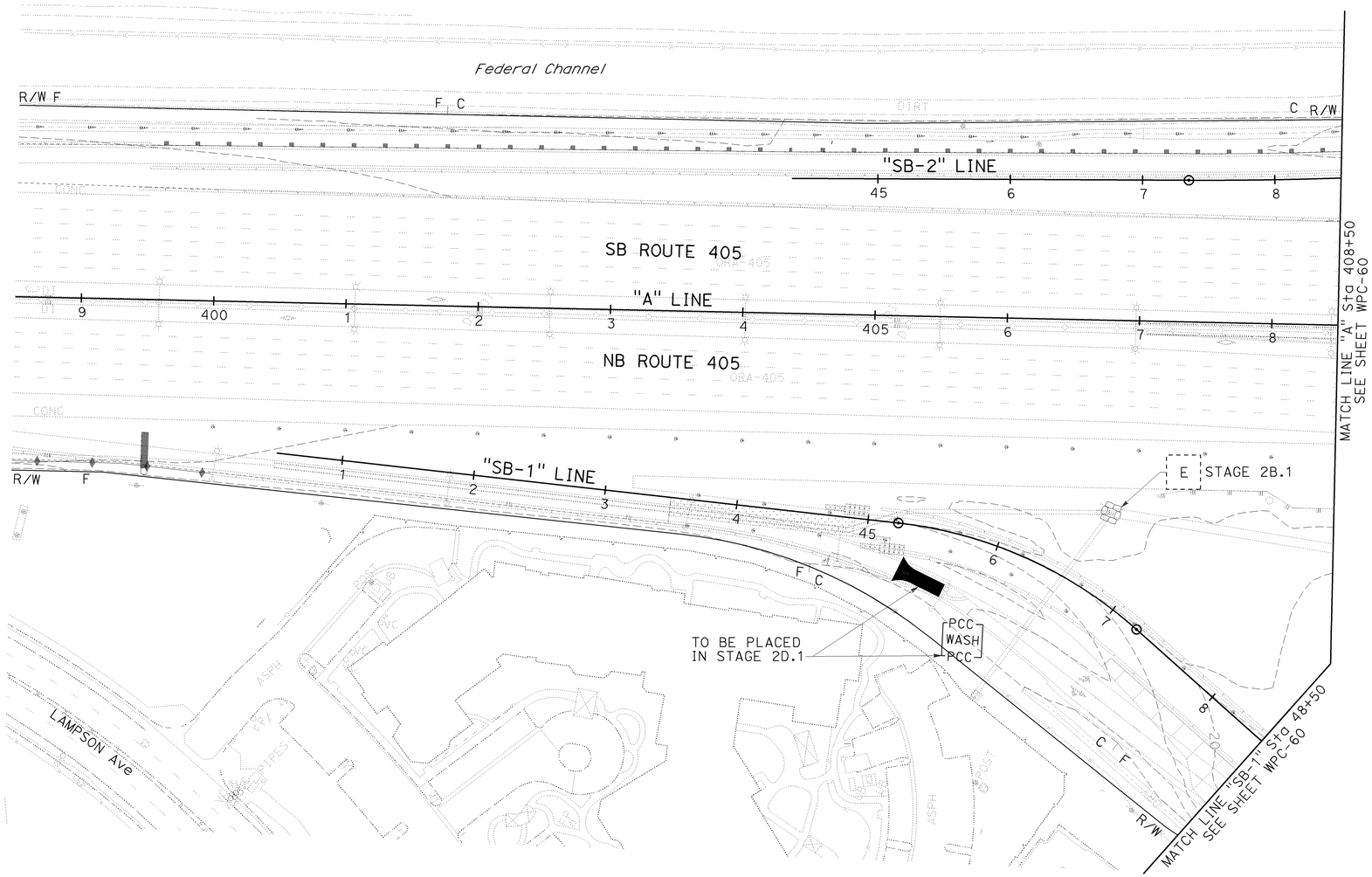
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-59

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 03-FEB-2010
08-10-09 | TIME PLOTTED => 07:45

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin | DGN FILE => c07163gb059.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	234	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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STATE OF CALIFORNIA

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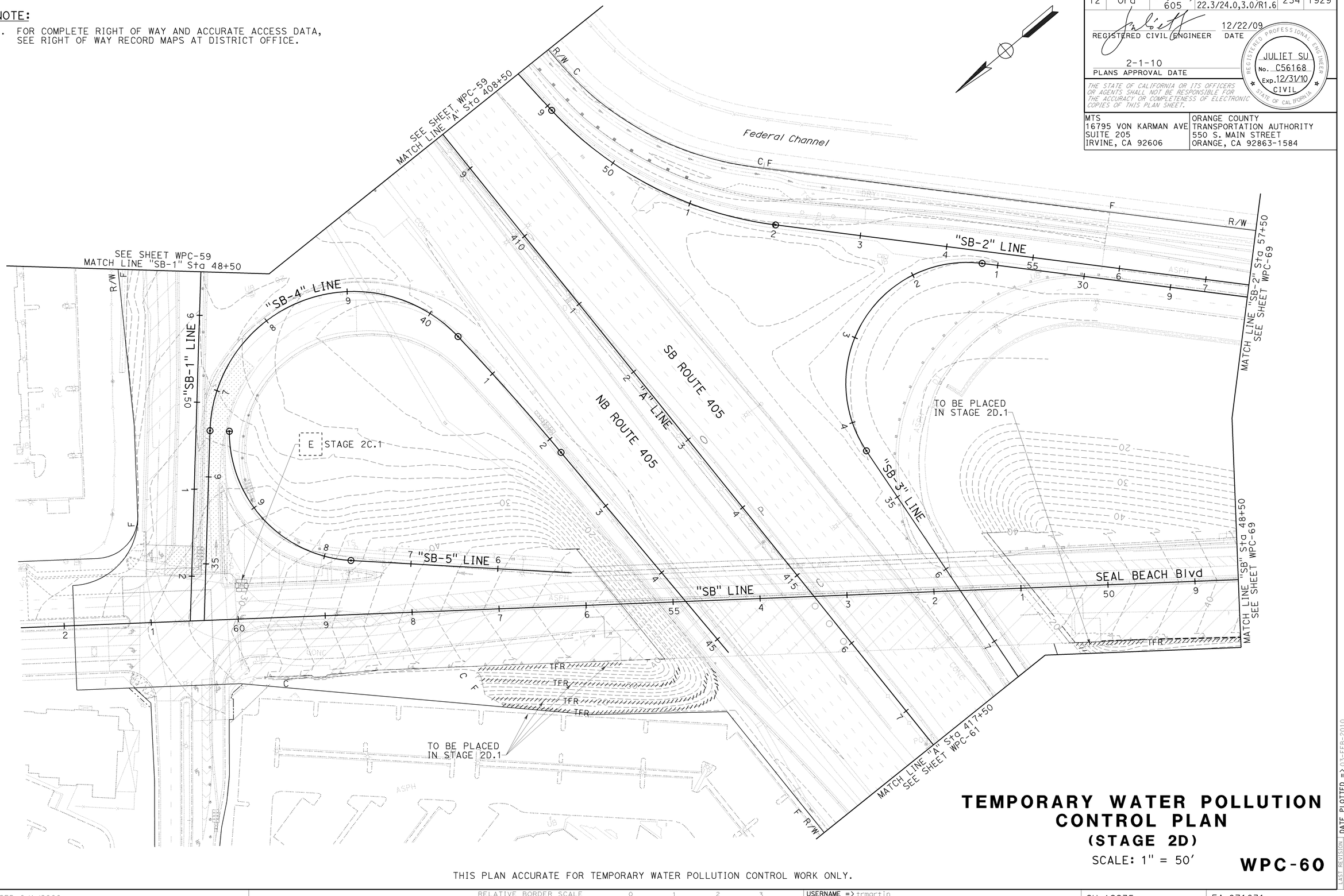
MTS 16795 VON KARMAN AVE SUITE 205 IRVINE, CA 92606	ORANGE COUNTY TRANSPORTATION AUTHORITY 550 S. MAIN STREET ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-60

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA
CHECKED BY	JULIET SU	DATE REVISED	12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		

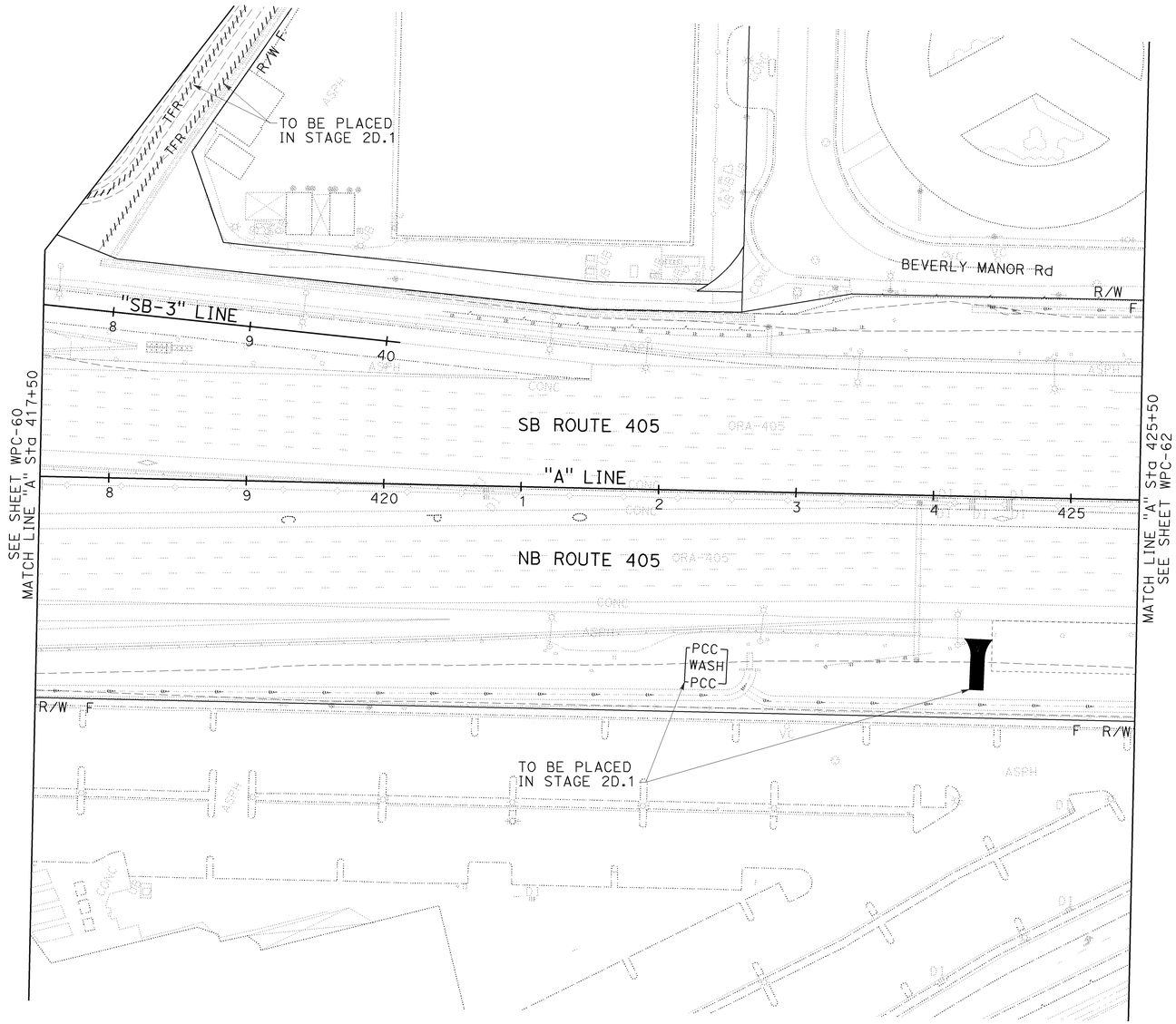
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:45
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin DGN FILE => c07163gb060.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	235	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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ORANGE COUNTY
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550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-61

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:45
08-10-09

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	236	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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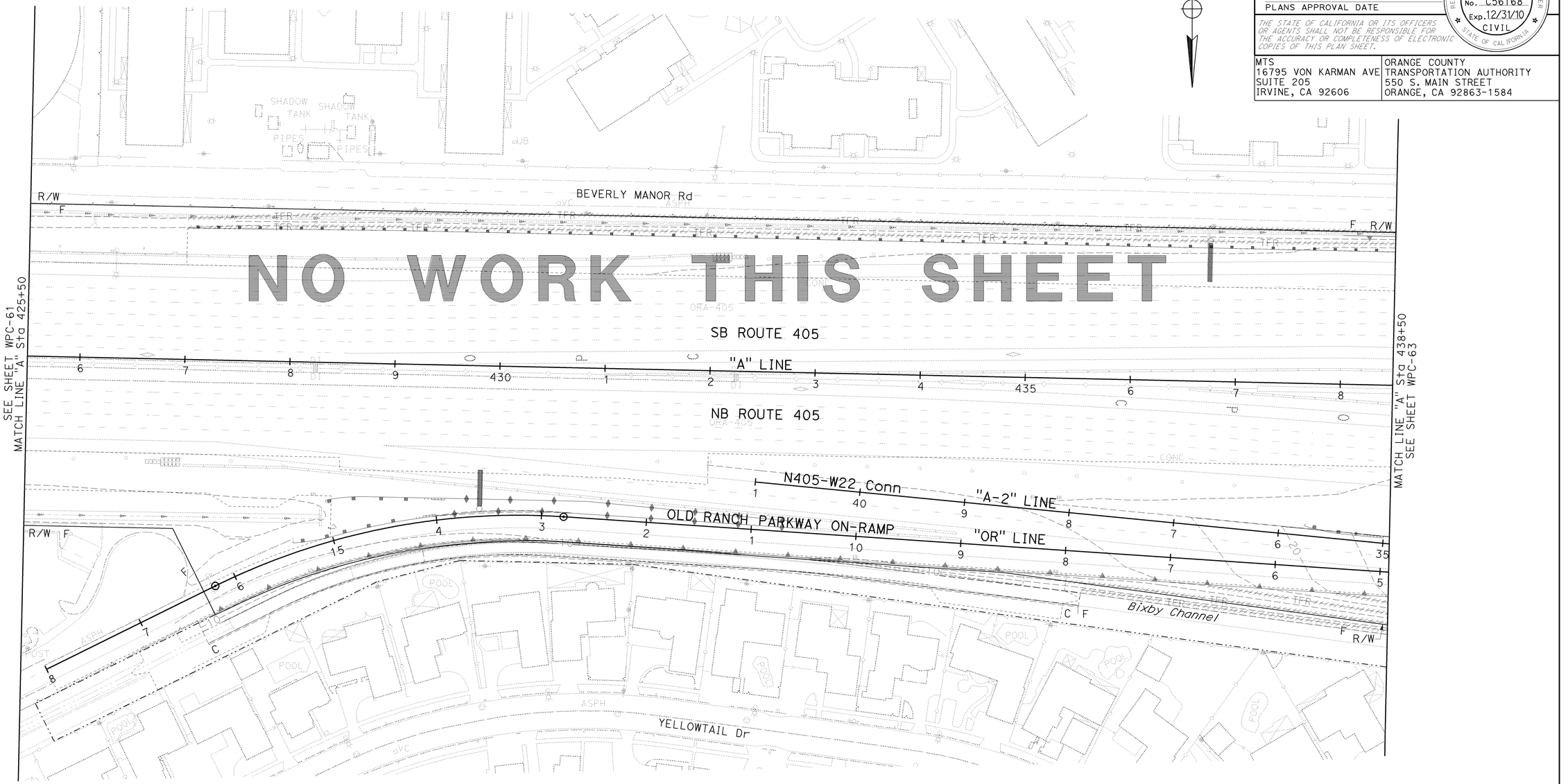
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584



NO WORK THIS SHEET !

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-62

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION: 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:45

BORDER LAST REVISED 8/1/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmartin
DGN FILE => c07163gb062.dgn
CU 12235
EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	237	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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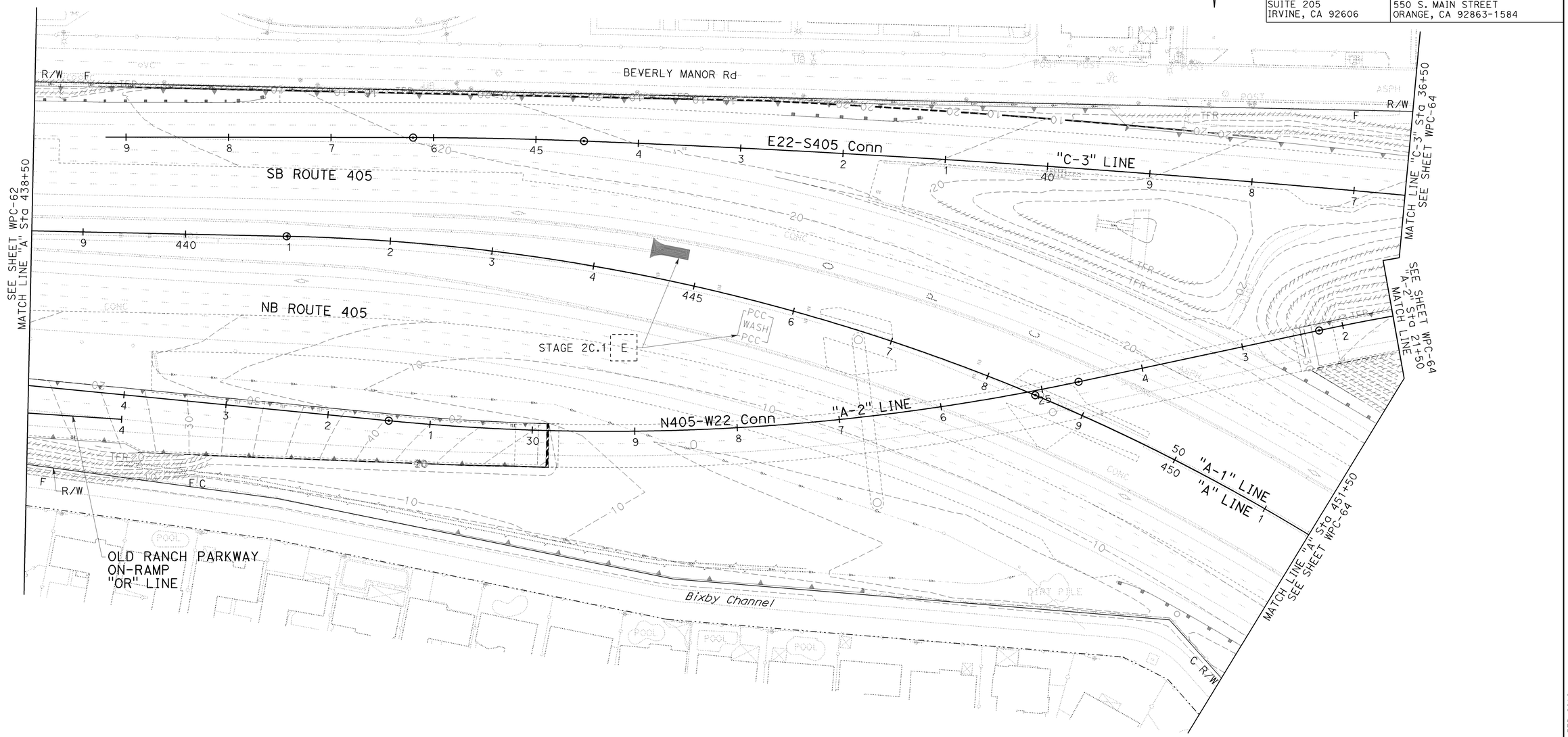

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-63

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

	REVISED BY	DATE REVISED
	KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

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LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:45
08-10-09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	238	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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STATE OF CALIFORNIA

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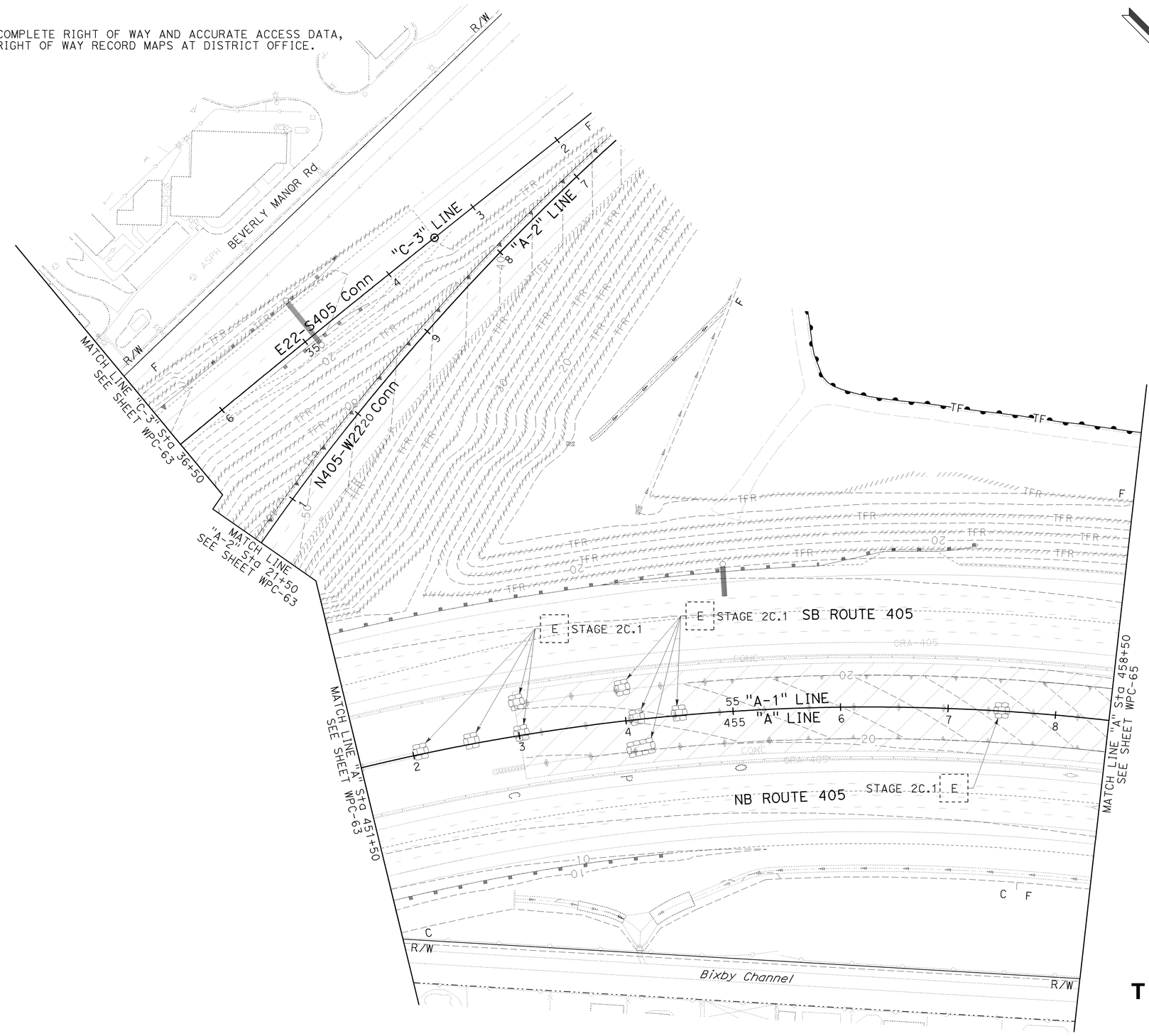
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-64

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:45

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin DGN FILE => c07163gb064.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	239	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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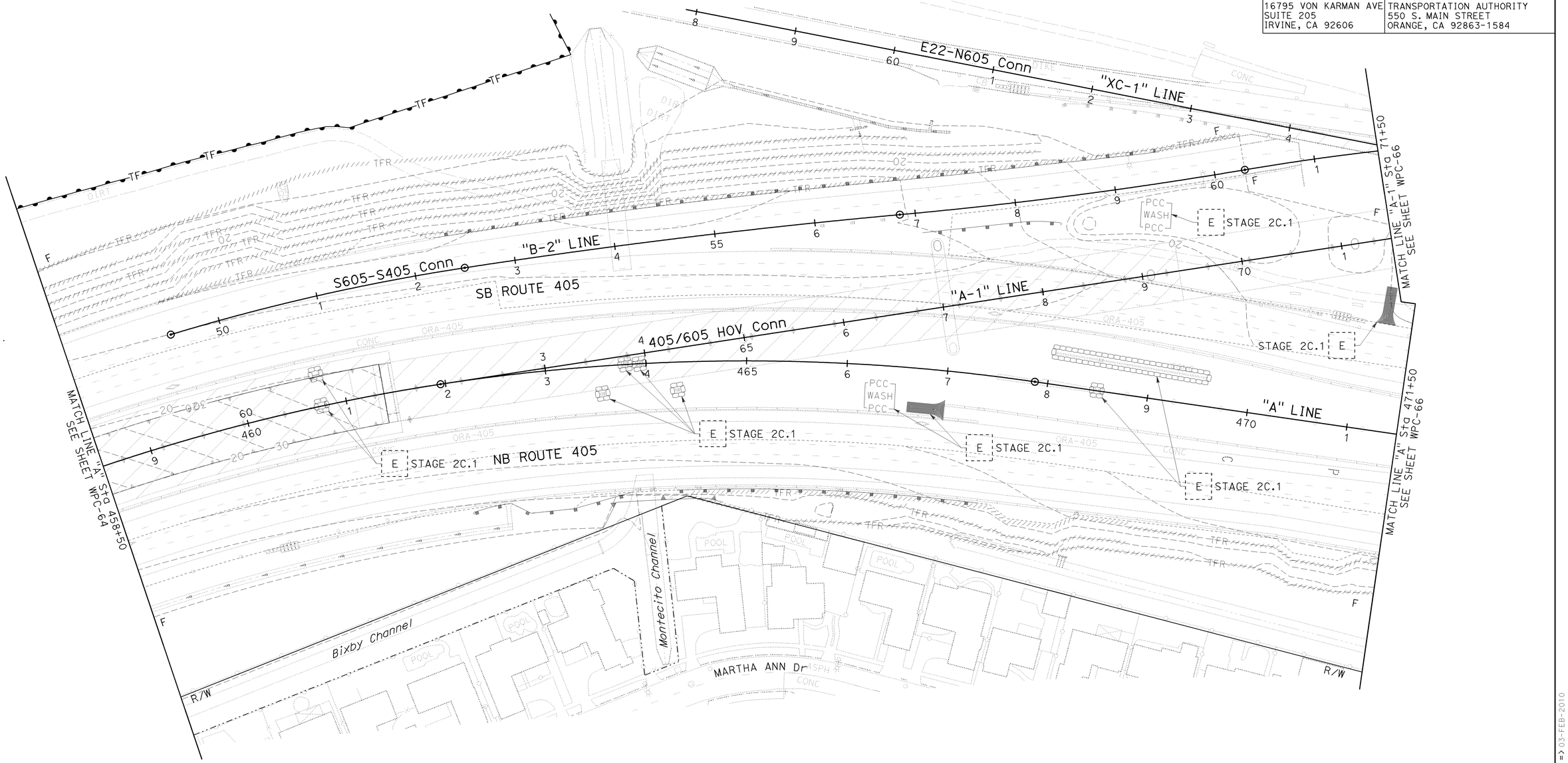
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-65

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

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LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:45
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin DGN FILE => c07163gb065.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	240	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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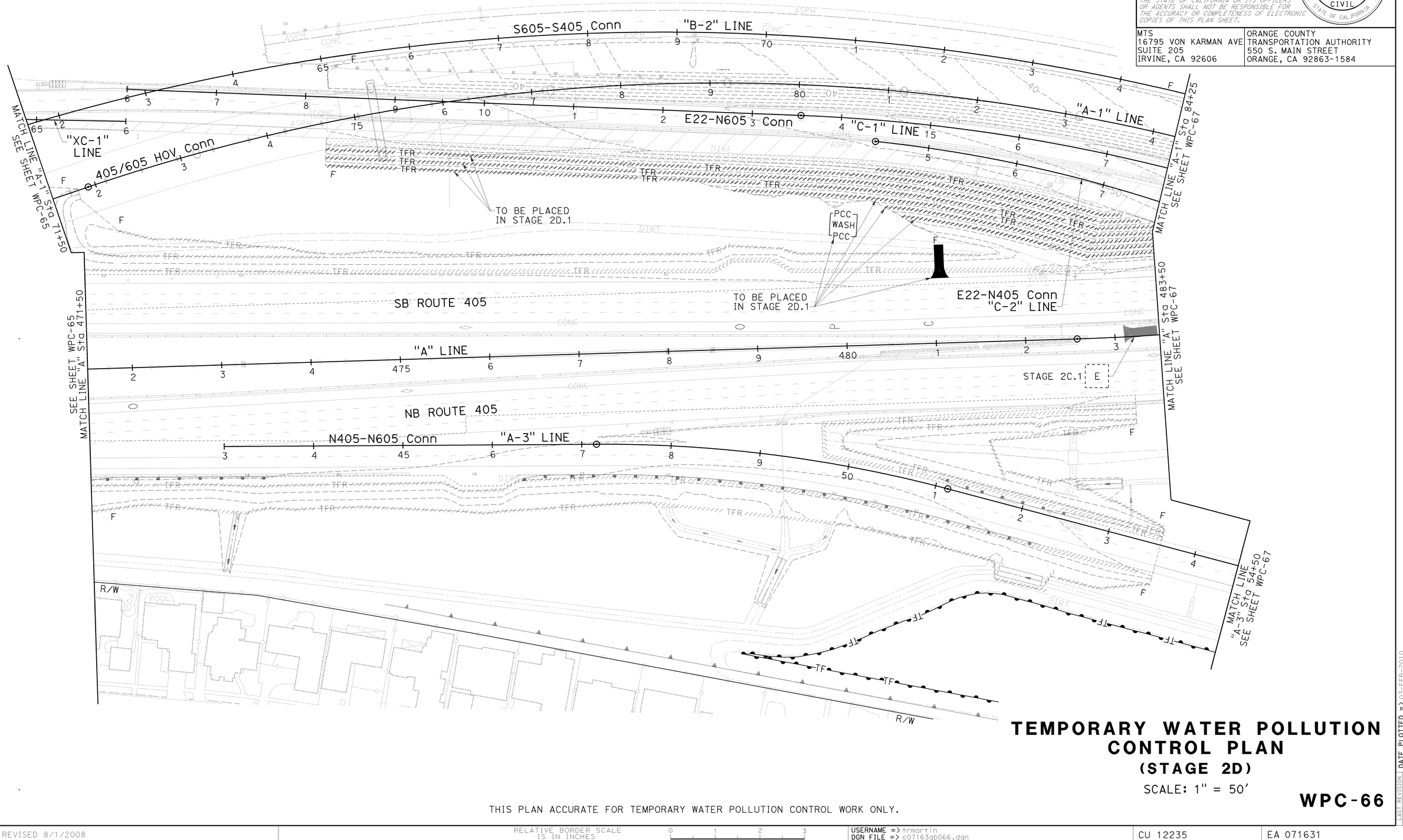


TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 2D)

SCALE: 1" = 50'

WPC-66

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

CALCULATED-DESIGNED BY: KELSIE ANDERSON

CHECKED BY: JULIET SU

REVISED BY: KLA

DATE REVISED: 12/22/09

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:46

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

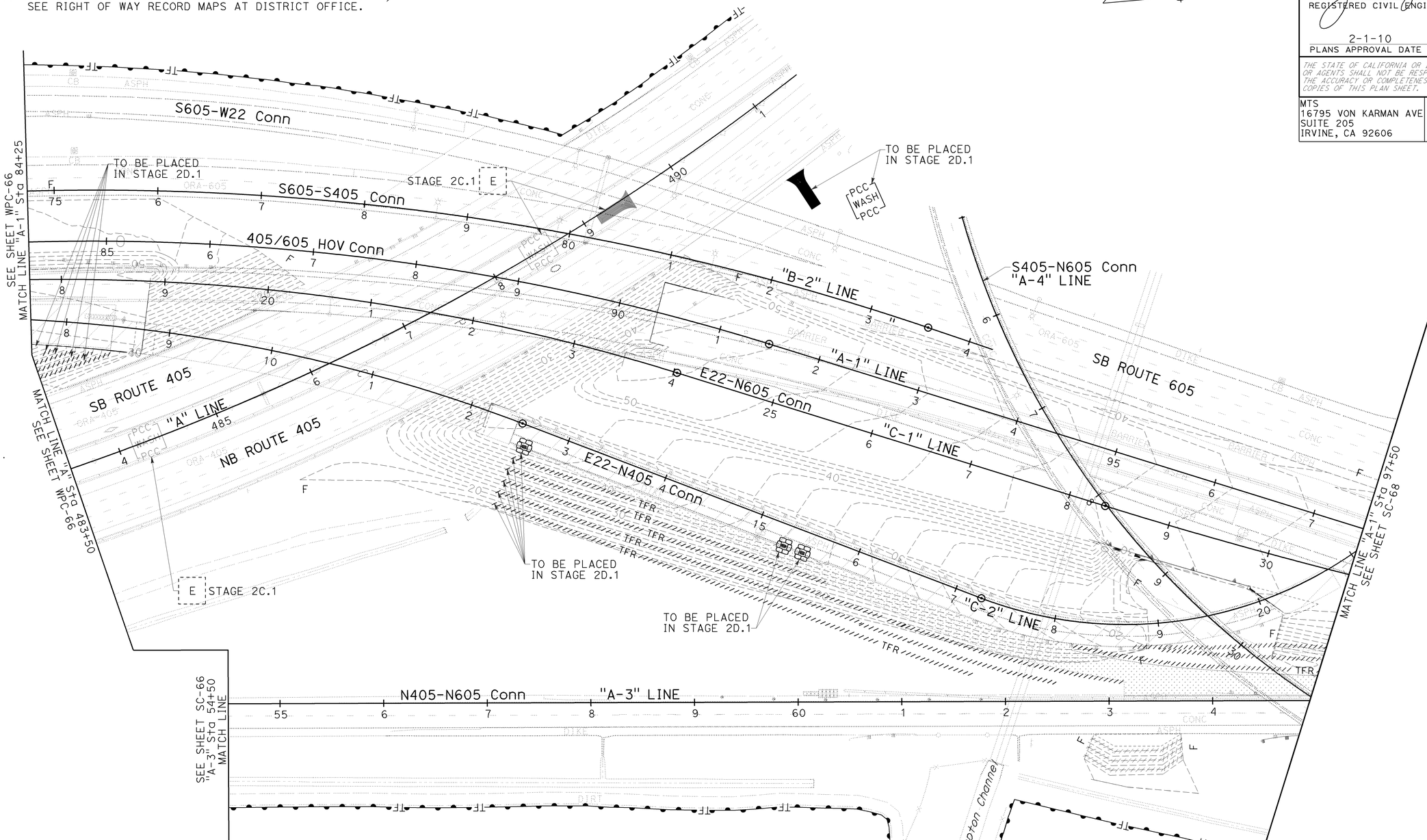
USERNAME => trmartin
DGN FILE => c07163gb066.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	241	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-67

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED- DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
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DATE PLOTTED => 03-FEB-2010
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	242	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-68

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	12/22/09

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 07:46 | 08-10-09

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	243	1929

REGISTERED CIVIL ENGINEER 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JULIET SU No. C56168 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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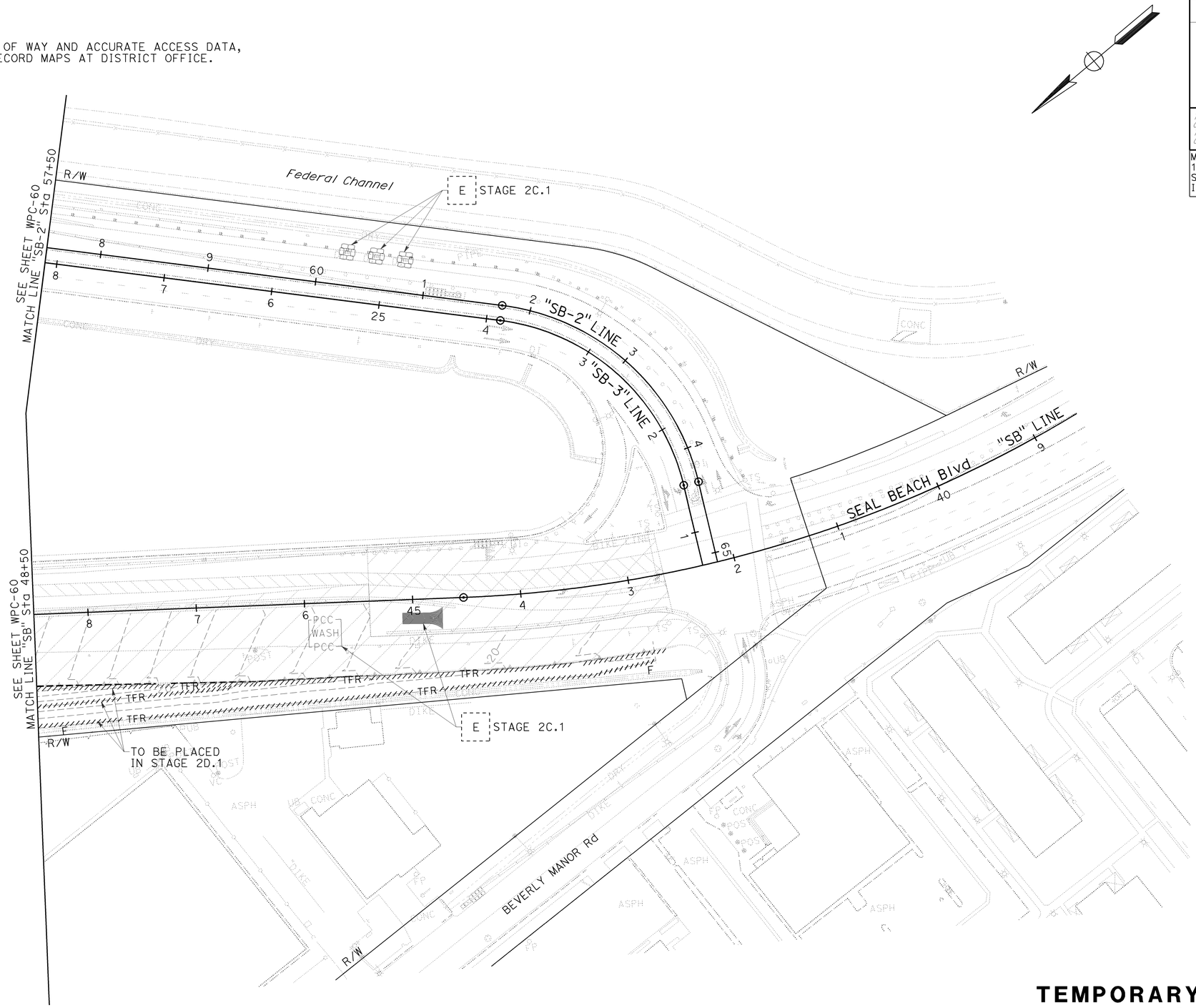
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 2D)

SCALE: 1" = 50'

WPC-69

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:46

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	244	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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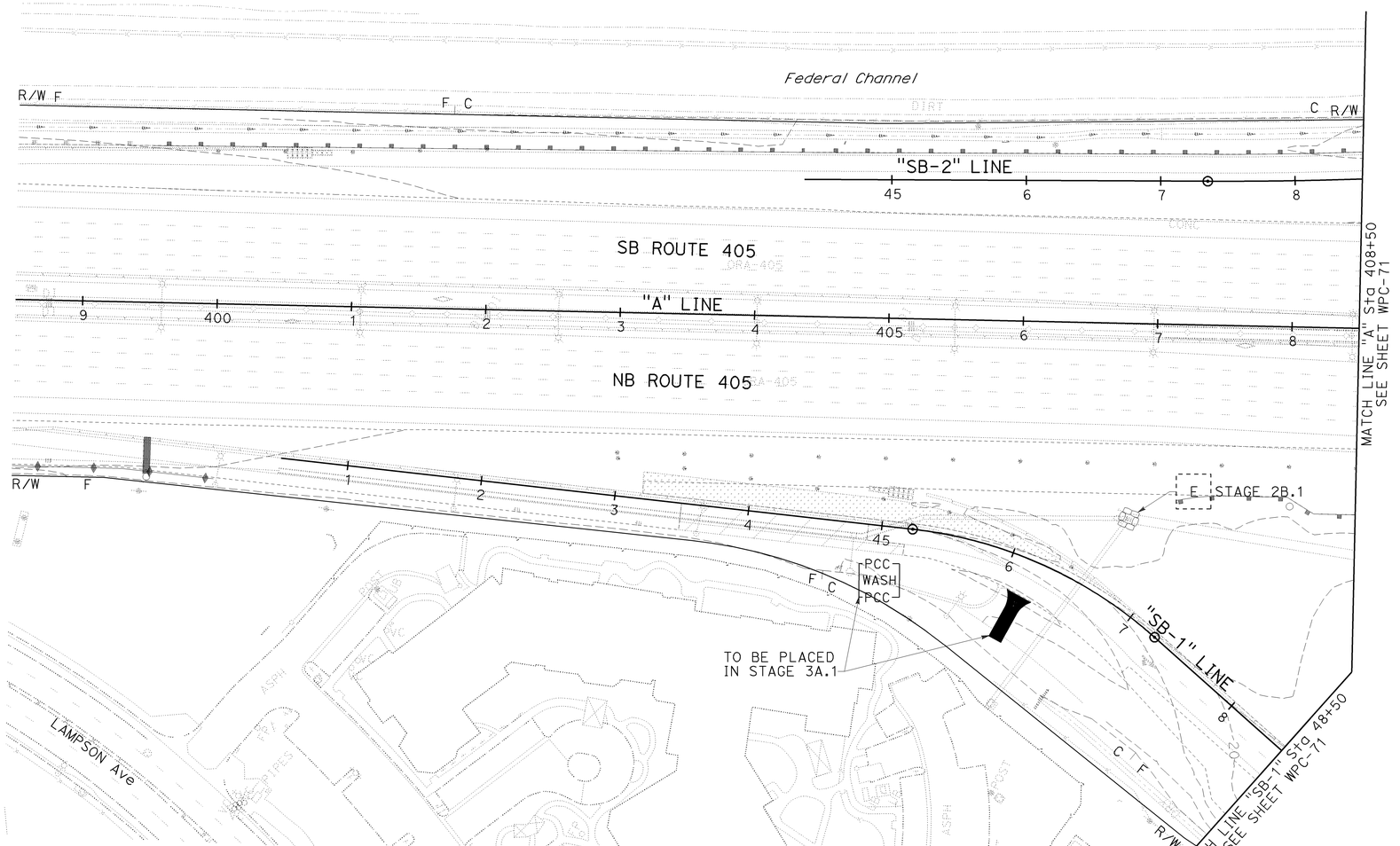
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3A)

SCALE: 1" = 50'

WPC-70

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	12/22/09

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR
LEONARD SEQUEIRA

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:46

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmartin
DGN FILE => c07163gb070.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	245	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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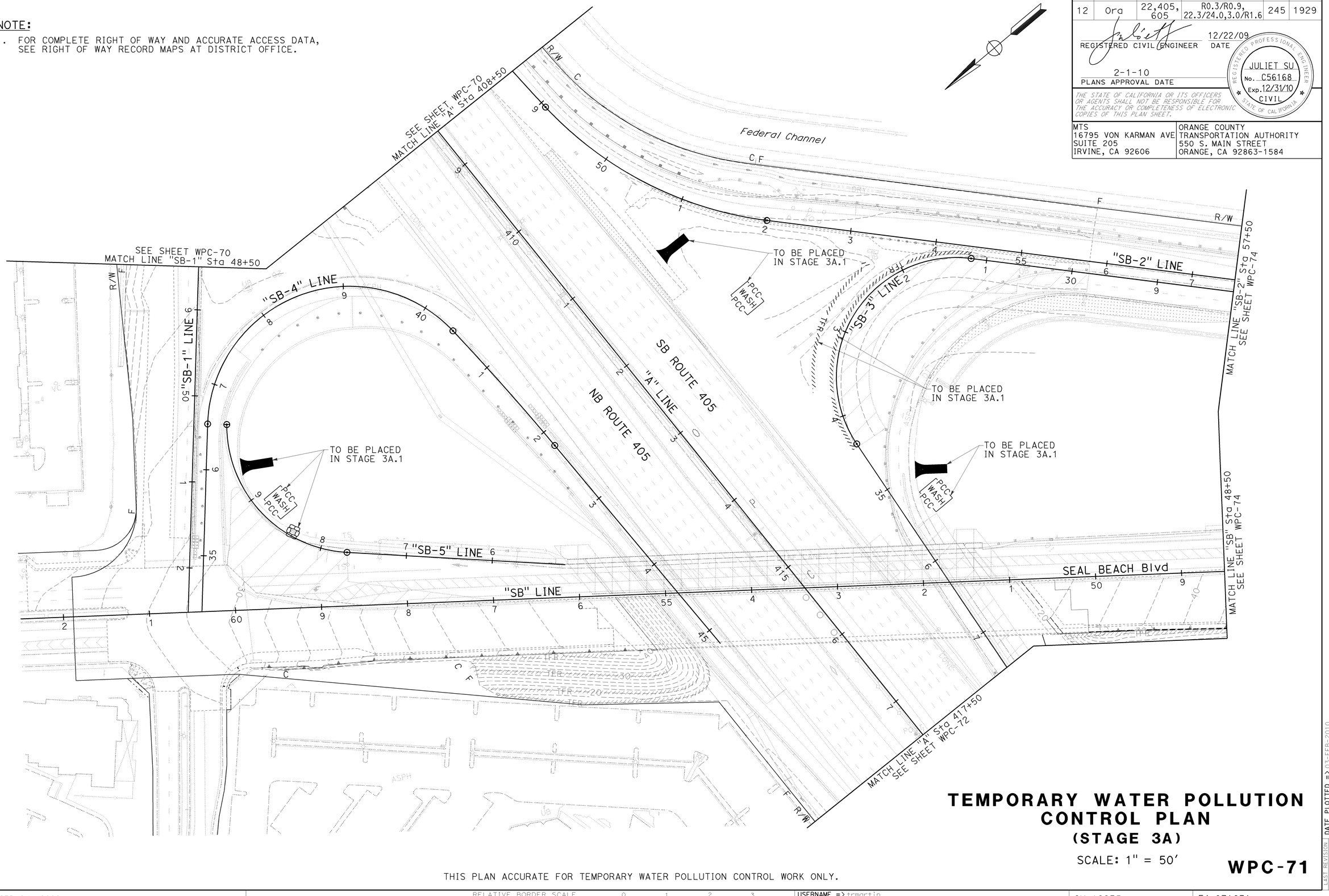

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3A)

SCALE: 1" = 50'

WPC-71

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISED BY	DATE REVISED
Caltrans	LEONARD SEQUEIRA	KLA	12/22/09
	CALCULATED-DESIGNED BY	KELSIE ANDERSON	
	CHECKED BY	JULIET SU	

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:46

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin DGN FILE => c07163gb071.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	246	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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550 S. MAIN STREET
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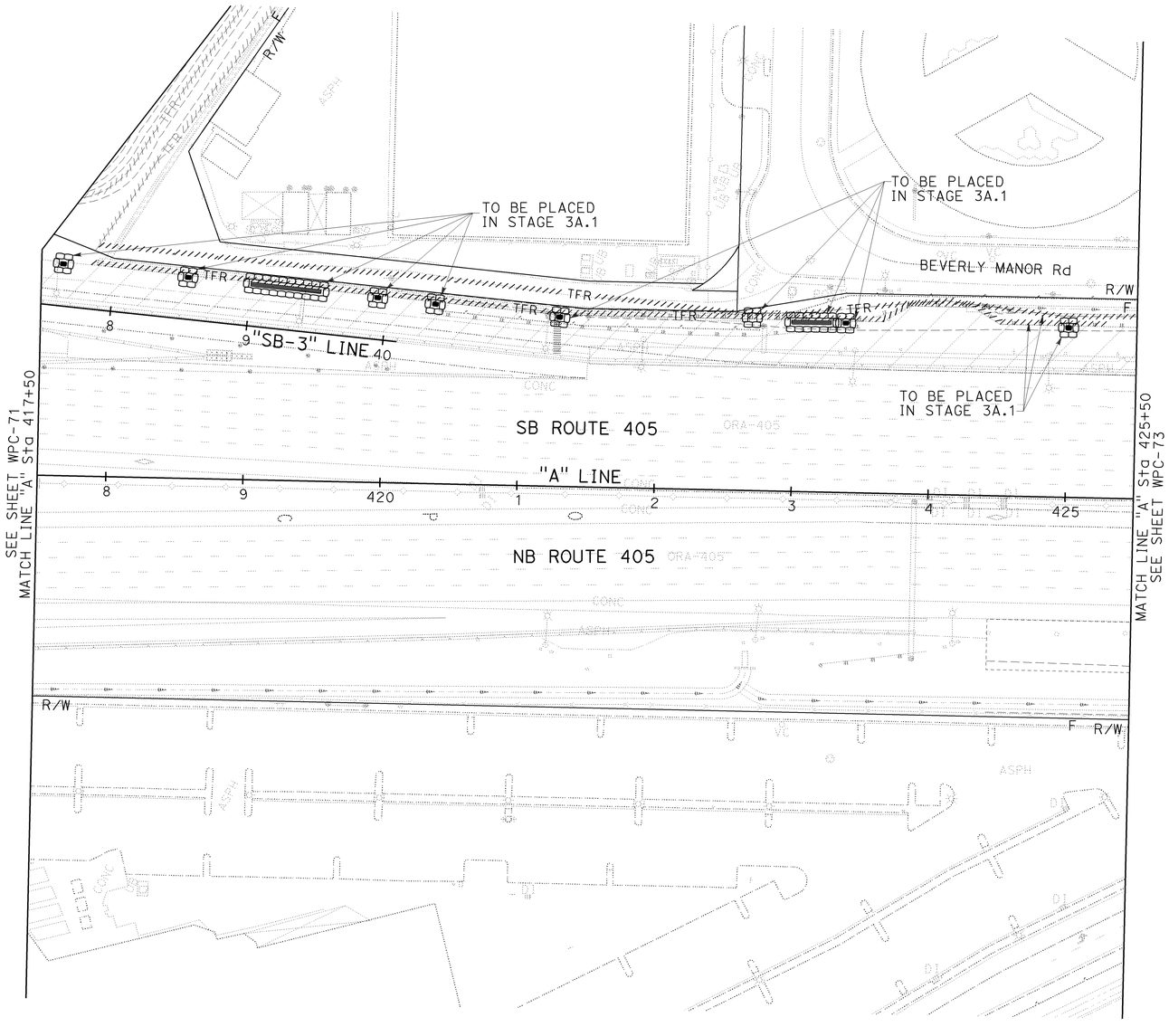
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3A)

SCALE: 1" = 50'

WPC-72

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	KLA	12/22/09
DATE REVISED		
KELSIE ANDERSON		
JULIET SU		
CALCULATED-DESIGNED BY		
CHECKED BY		
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA	
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans	

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:46

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin DGN FILE => c07163gb072.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	247	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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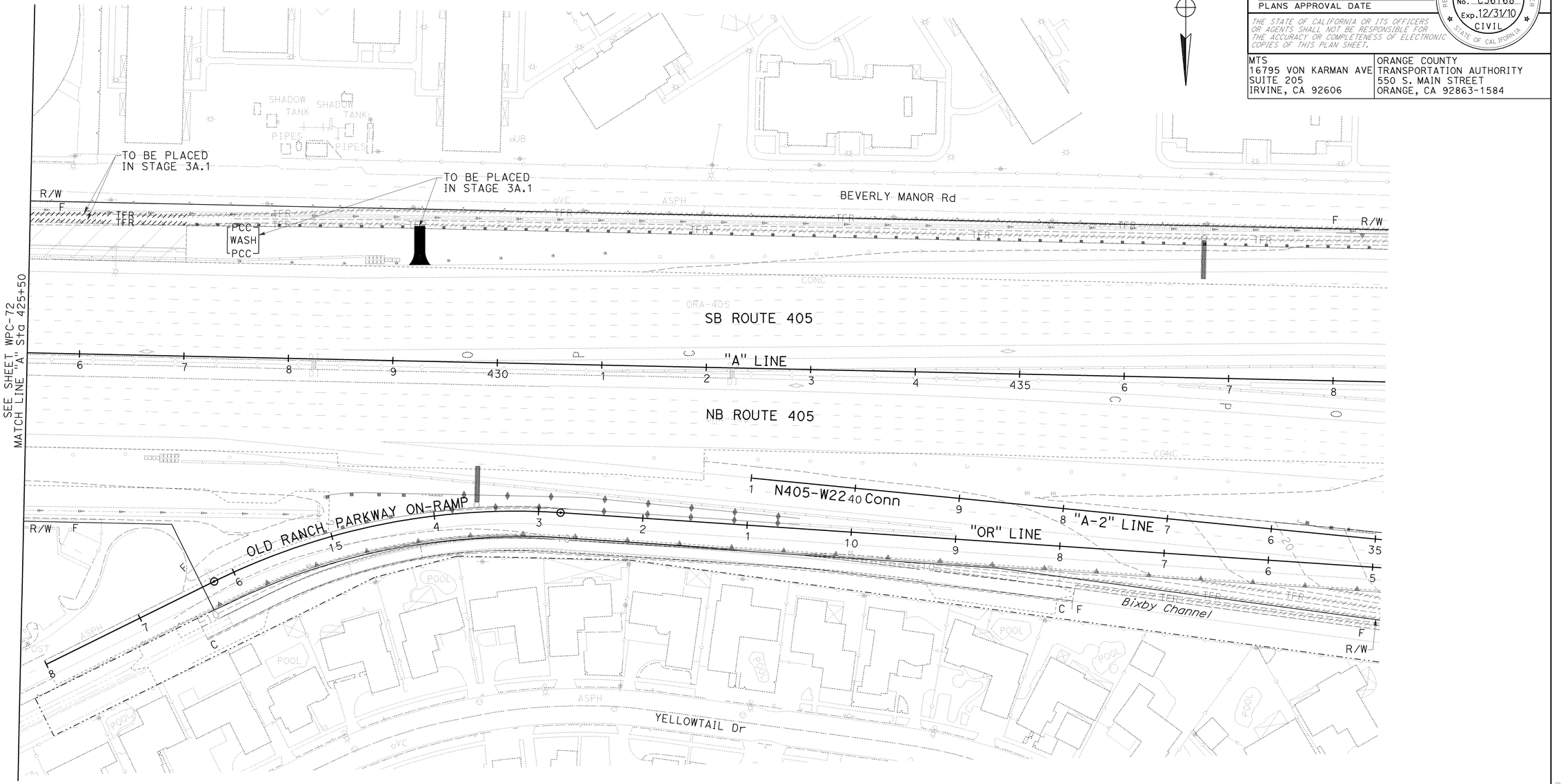
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3A)

SCALE: 1" = 50'

WPC-73

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:46

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmartin
DGN FILE => c07163gb073.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	248	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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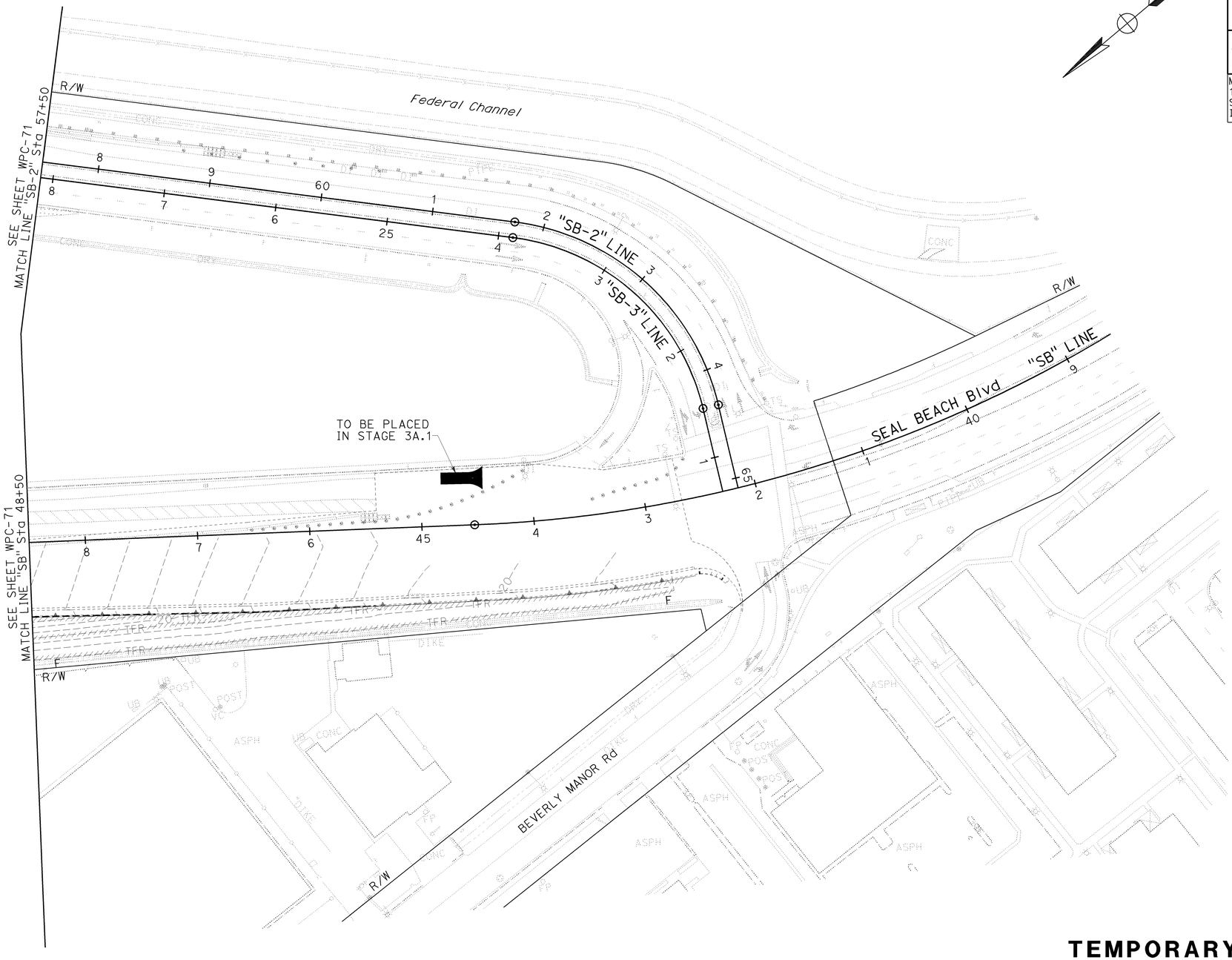
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3A)

SCALE: 1" = 50'

WPC-74

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA
CHECKED BY	JULIET SU	DATE REVISED	12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans		

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:46

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	249	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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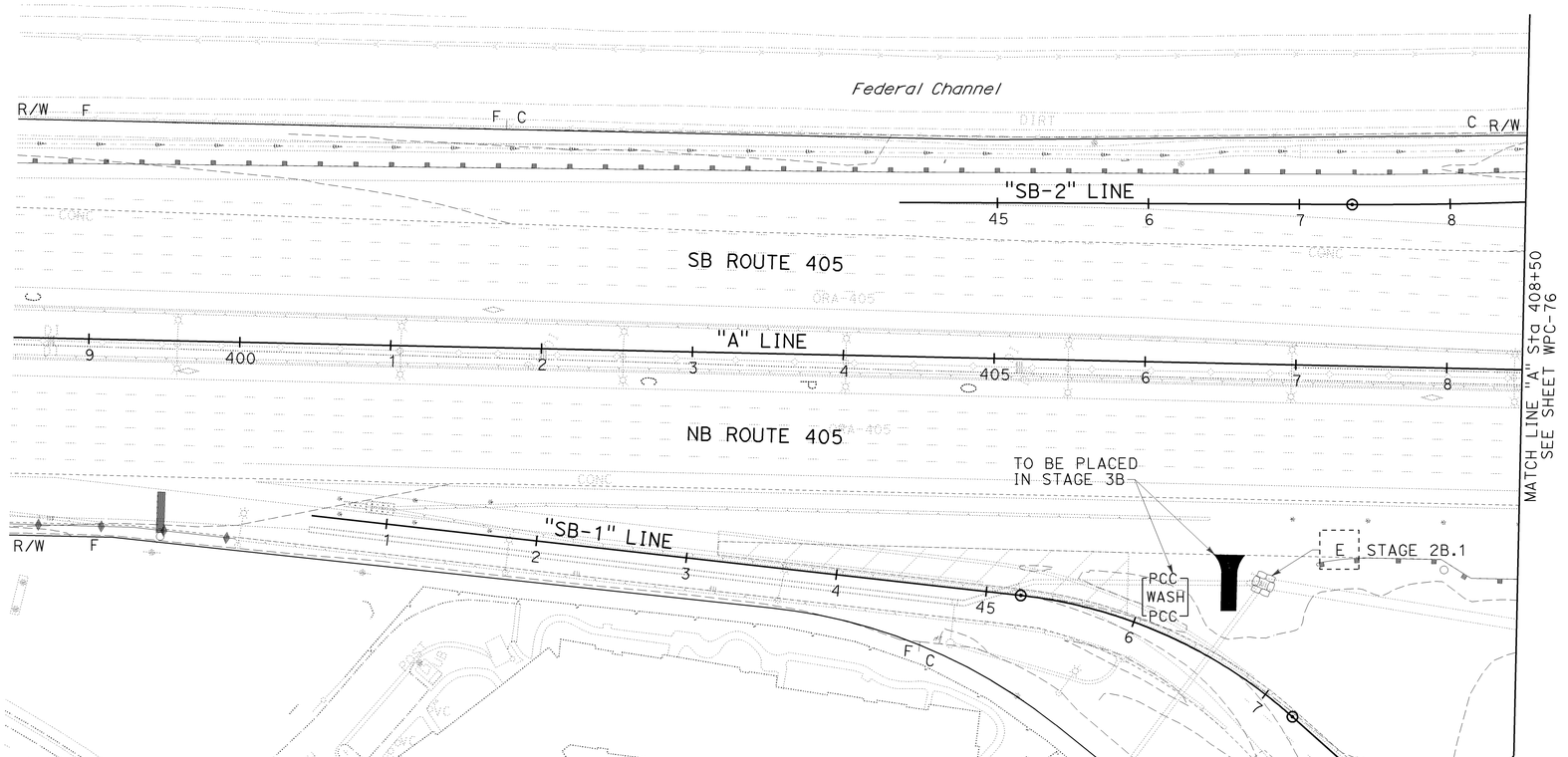
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-75

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION DATE PLOTTED => 03-FEB-2010
LAST REVISION TIME PLOTTED => 07:47
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin | DGN FILE => c07163gb075.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	250	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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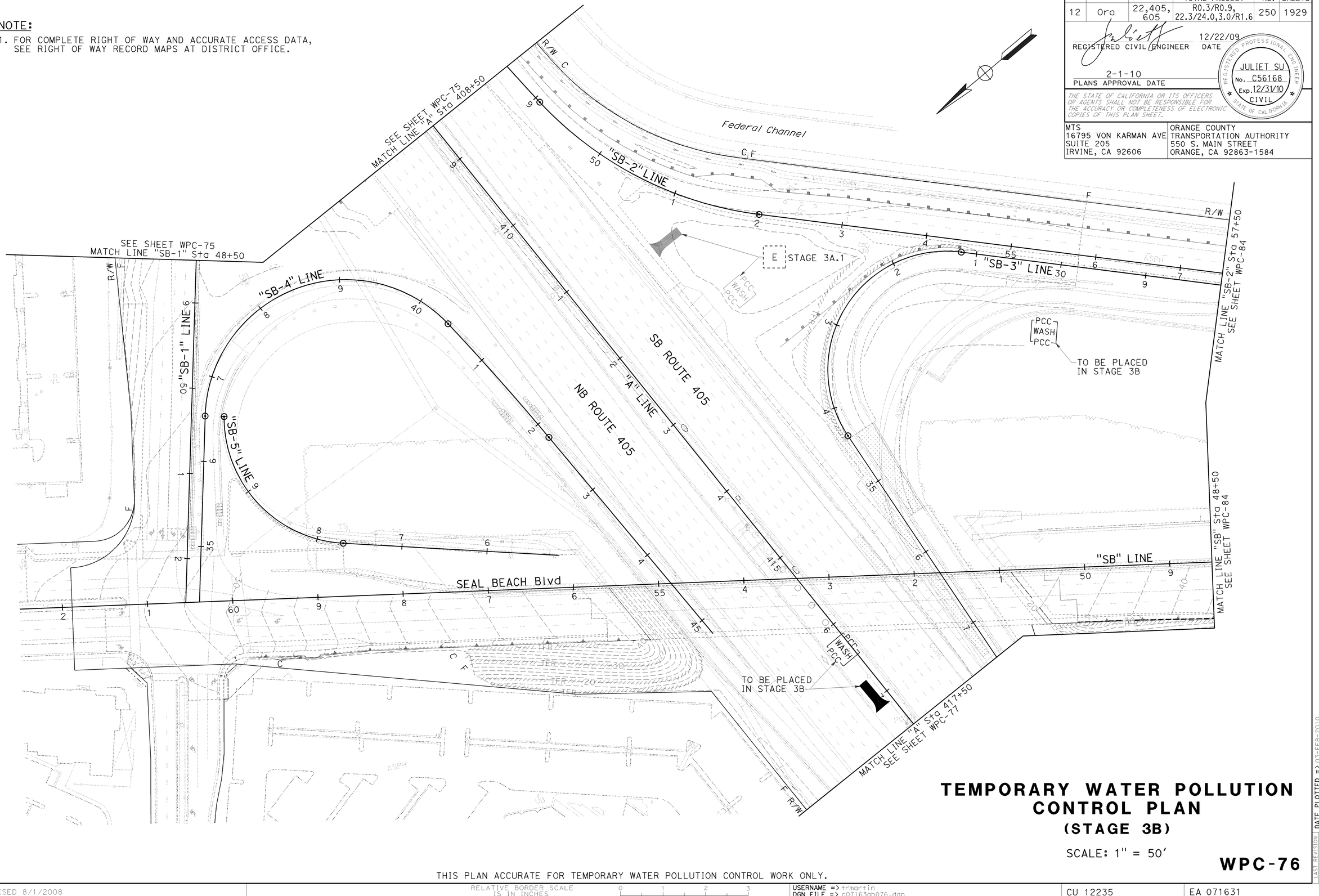
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-76

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:47
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmartin | DGN FILE => c071163gb076.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	251	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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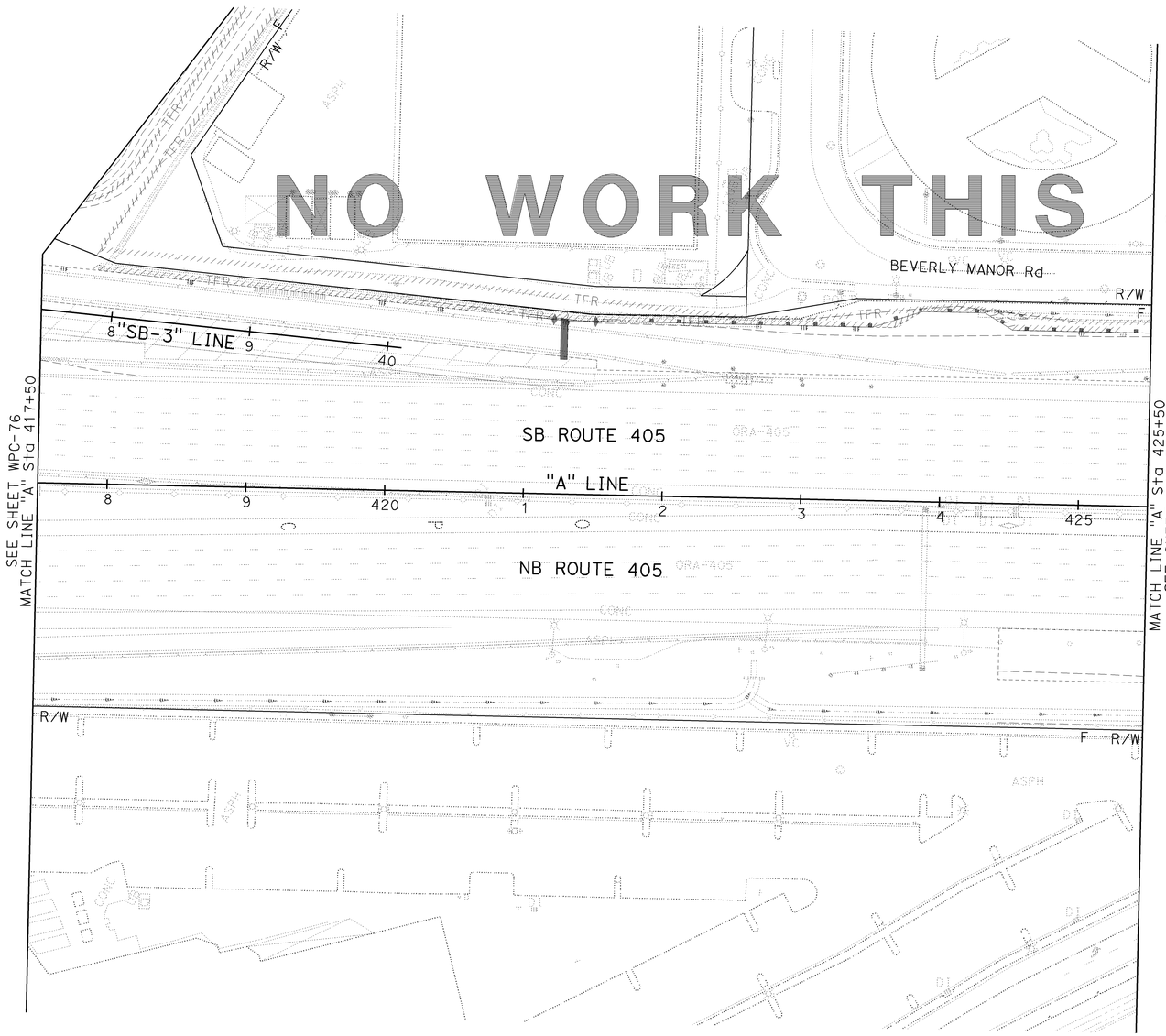
MTS 16795 VON KARMAN AVE SUITE 205 IRVINE, CA 92606	ORANGE COUNTY TRANSPORTATION AUTHORITY 550 S. MAIN STREET ORANGE, CA 92863-1584



NO WORK THIS SHEET

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-77

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY			
CHECKED BY			
KELSIE ANDERSON	KLA		
JULIET SU	12/22/09		
REVISED BY	DATE REVISED		

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010; TIME PLOTTED => 07:40; 08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak; DGN FILE => c07163gb077.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	252	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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SUITE 205
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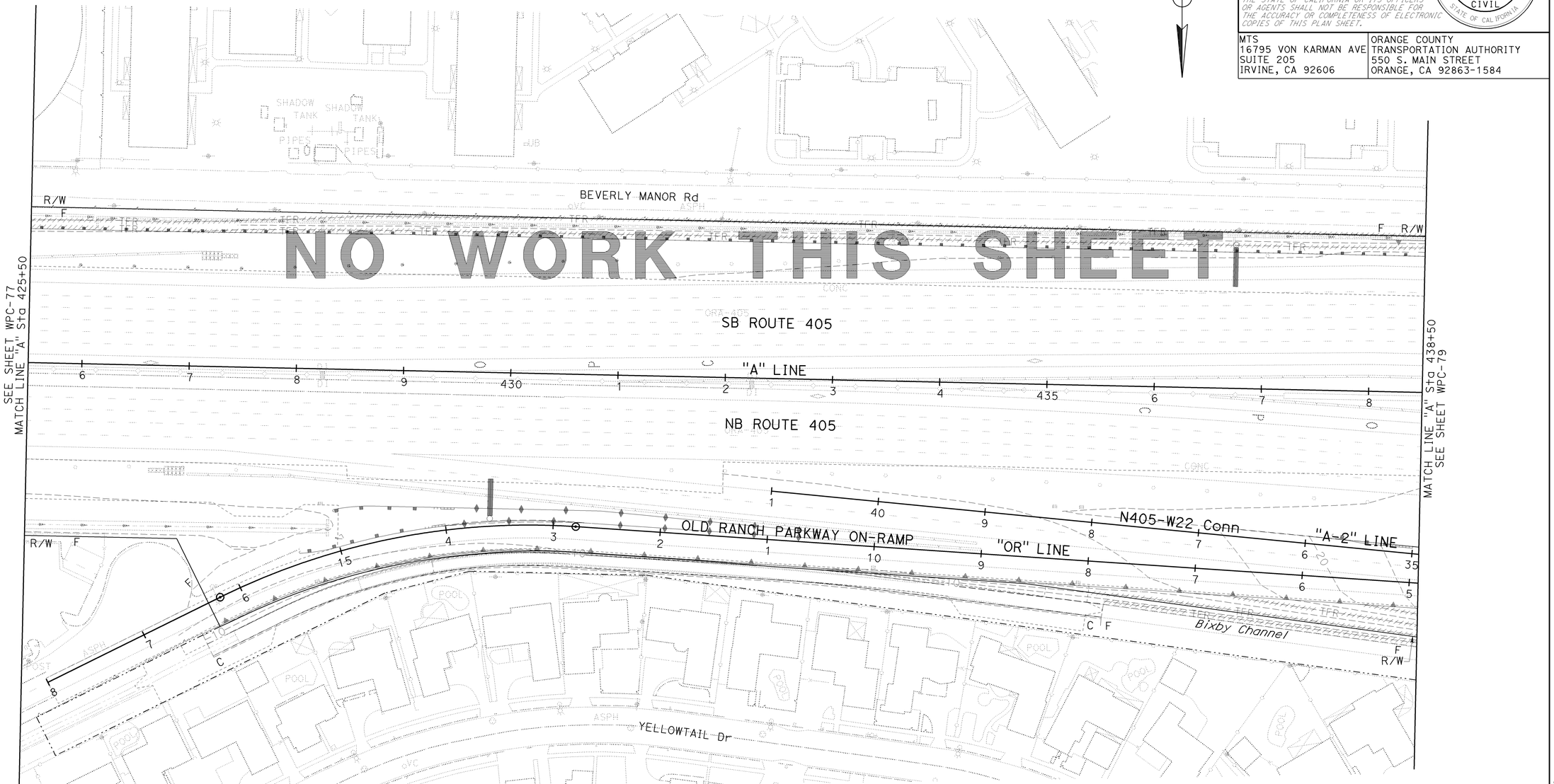
ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3B)

SCALE: 1" = 50'

WPC-78

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:40
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak | DGN FILE => c07163gb078.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	253	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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STATE OF CALIFORNIA

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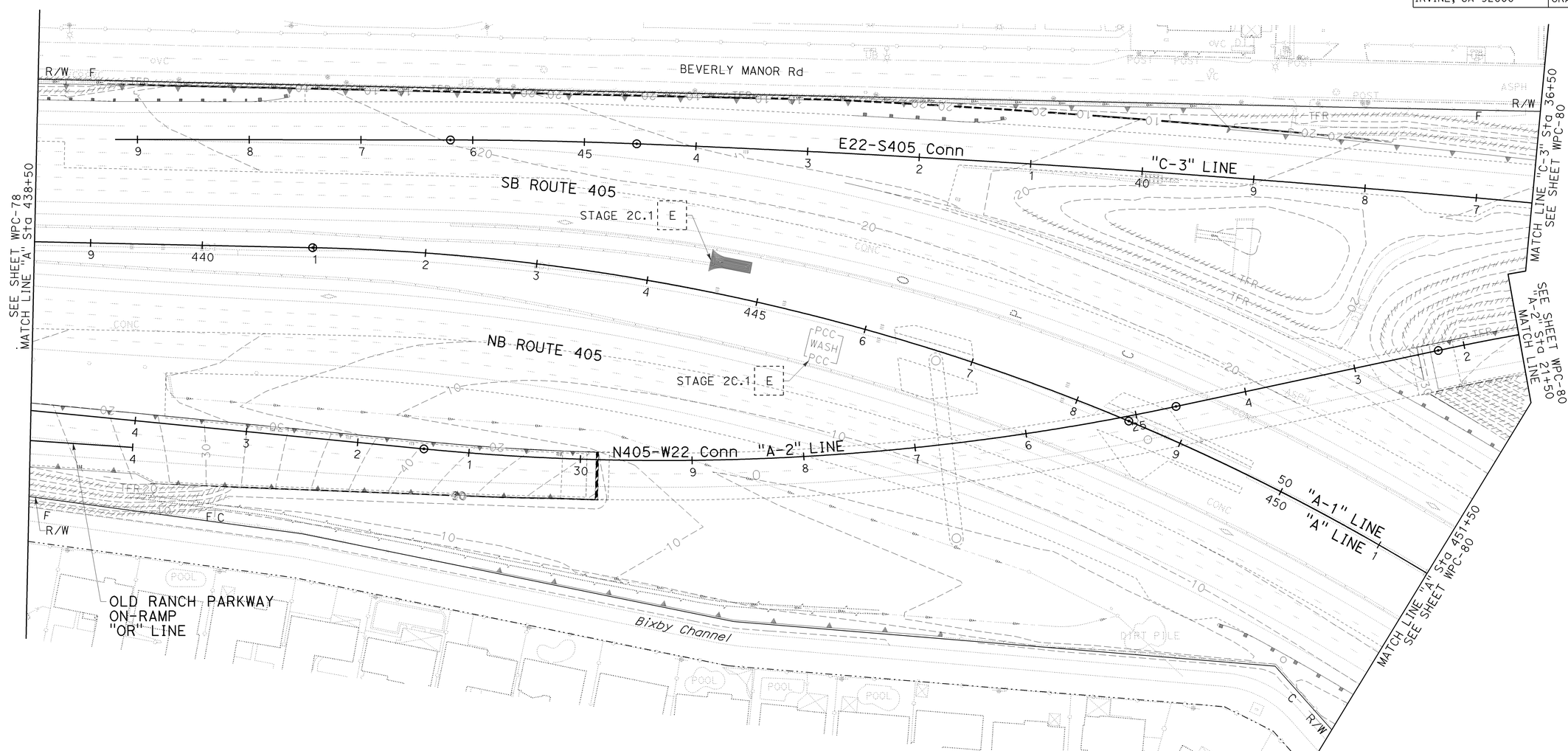
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-79

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

	REVISED BY	DATE REVISED
	KLA	12/22/09
CALCULATED-DESIGNED BY	KELSIE ANDERSON	
CHECKED BY	JULIET SU	
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:40

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb079.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	254	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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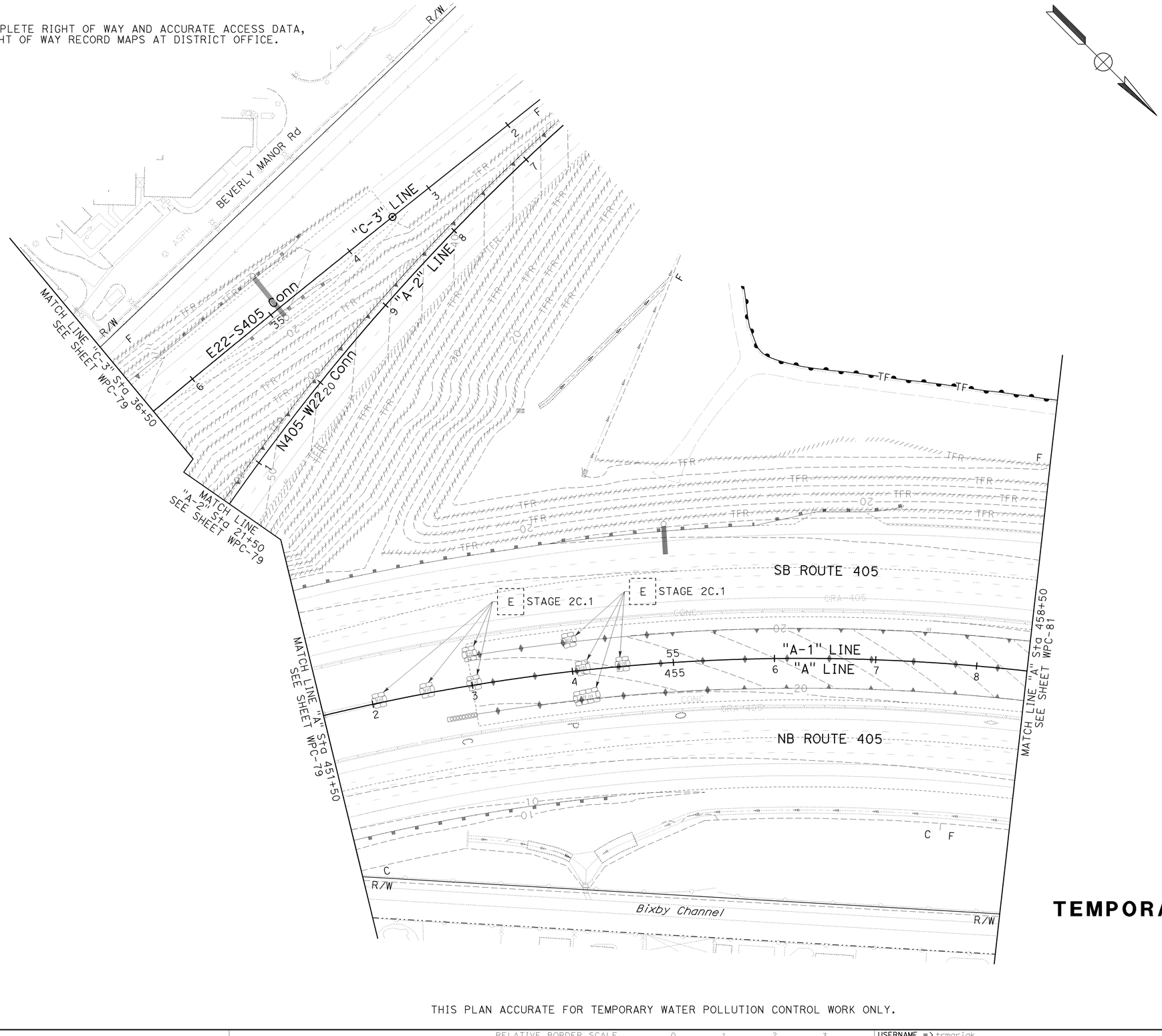
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-80

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	12/22/09

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR
LEONARD SEQUEIRA

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:40
08-10-09

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmariak
DGN FILE => c07163gb080.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	255	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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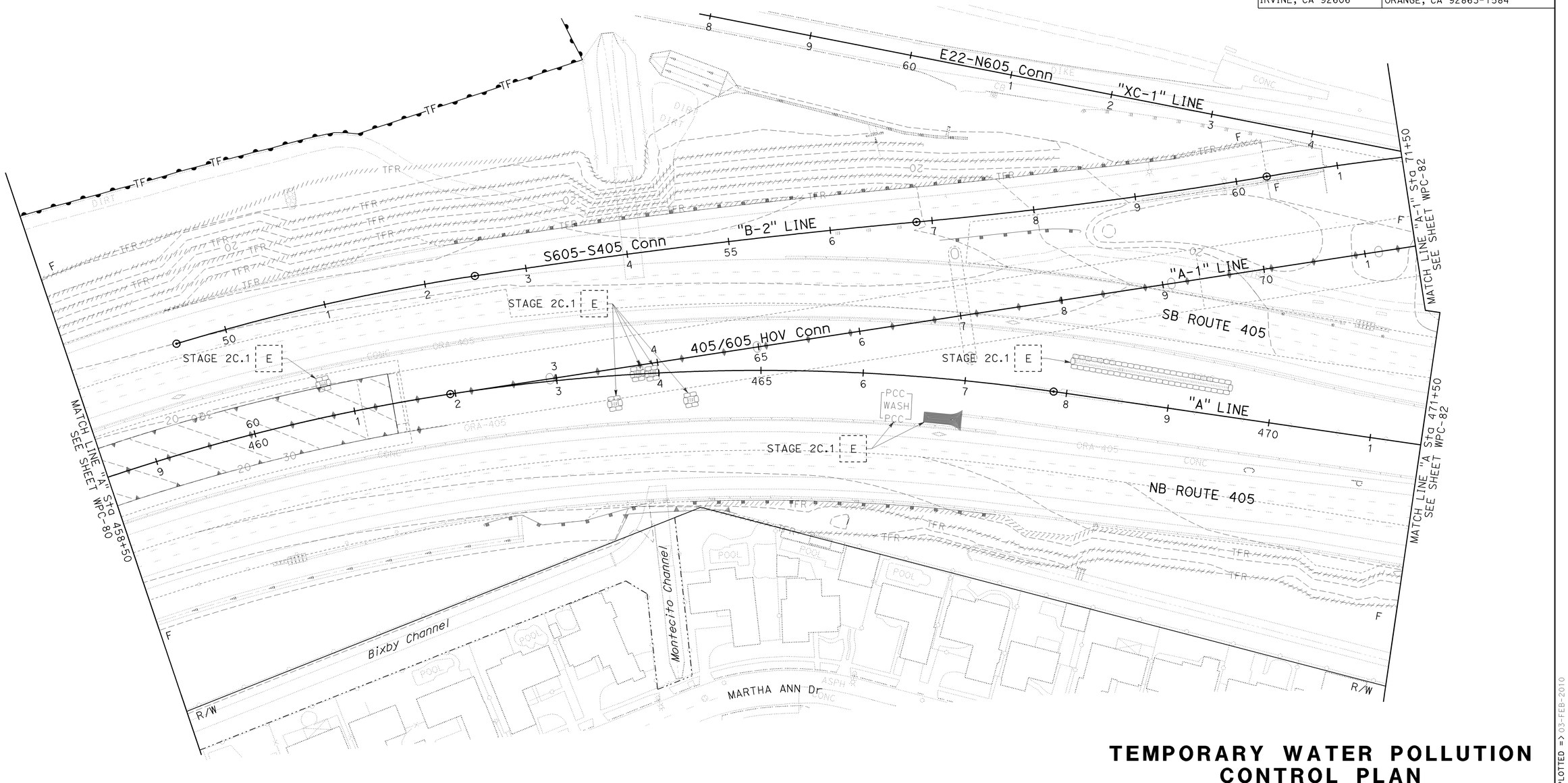
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-81

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:41

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb081.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	256	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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SUITE 205
IRVINE, CA 92606

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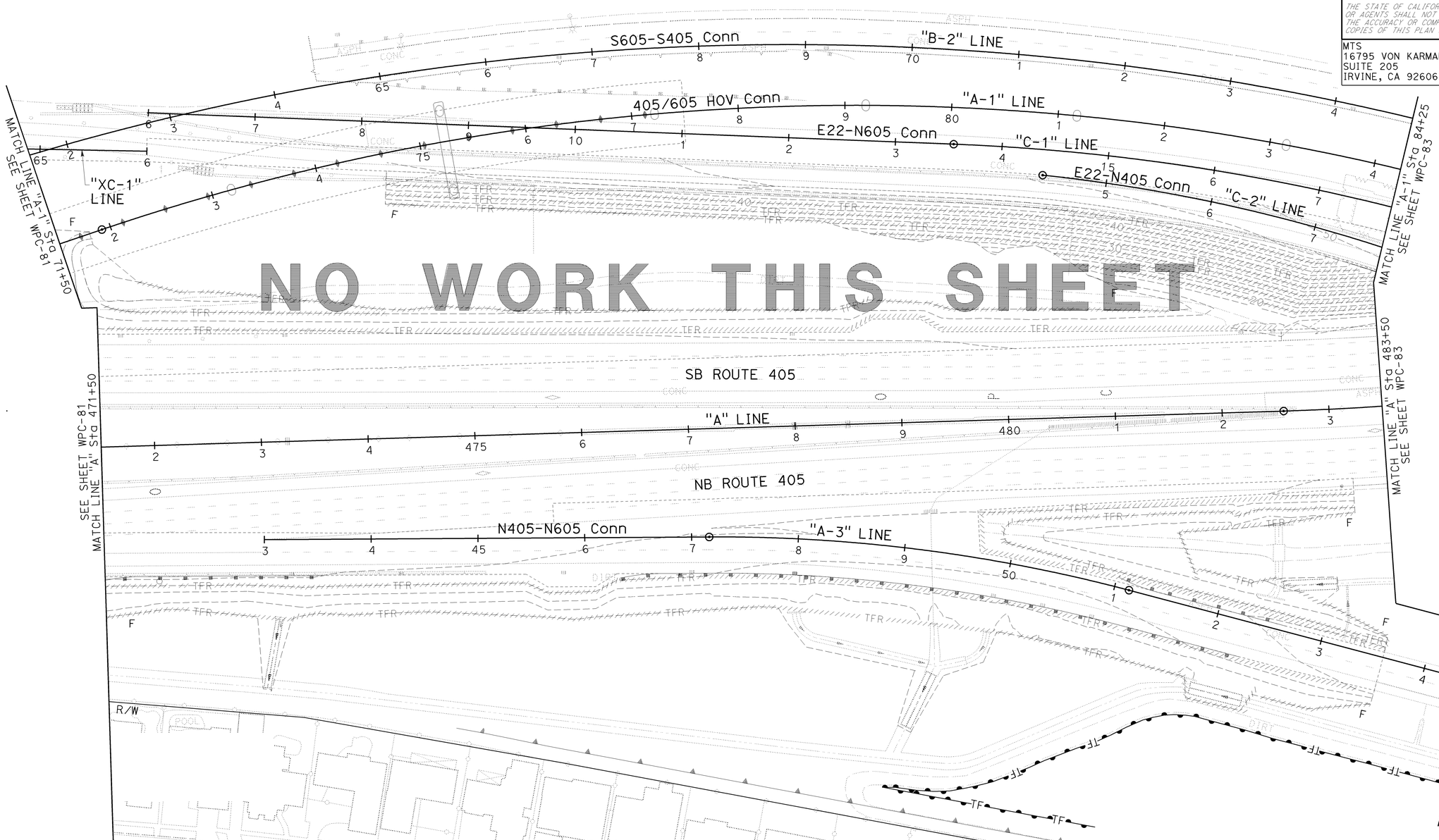
ORANGE, CA 92863-1584



NO WORK THIS SHEET

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-82

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY		
CHECKED BY		
REVISED BY	KLA	12/22/09
DATE REVISED		
KELSIE ANDERSON		
JULIET SU		
CONSULTANT FUNCTIONAL SUPERVISOR		
LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		
Caltrans		

LAST REVISION: DATE PLOTTED => 03-FEB-2010 08-10-09 TIME PLOTTED => 07:41

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb082.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	257	1929

REGISTERED CIVIL ENGINEER 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JULIET SU No. C56168 Exp. 12/31/10 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.

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SUITE 205
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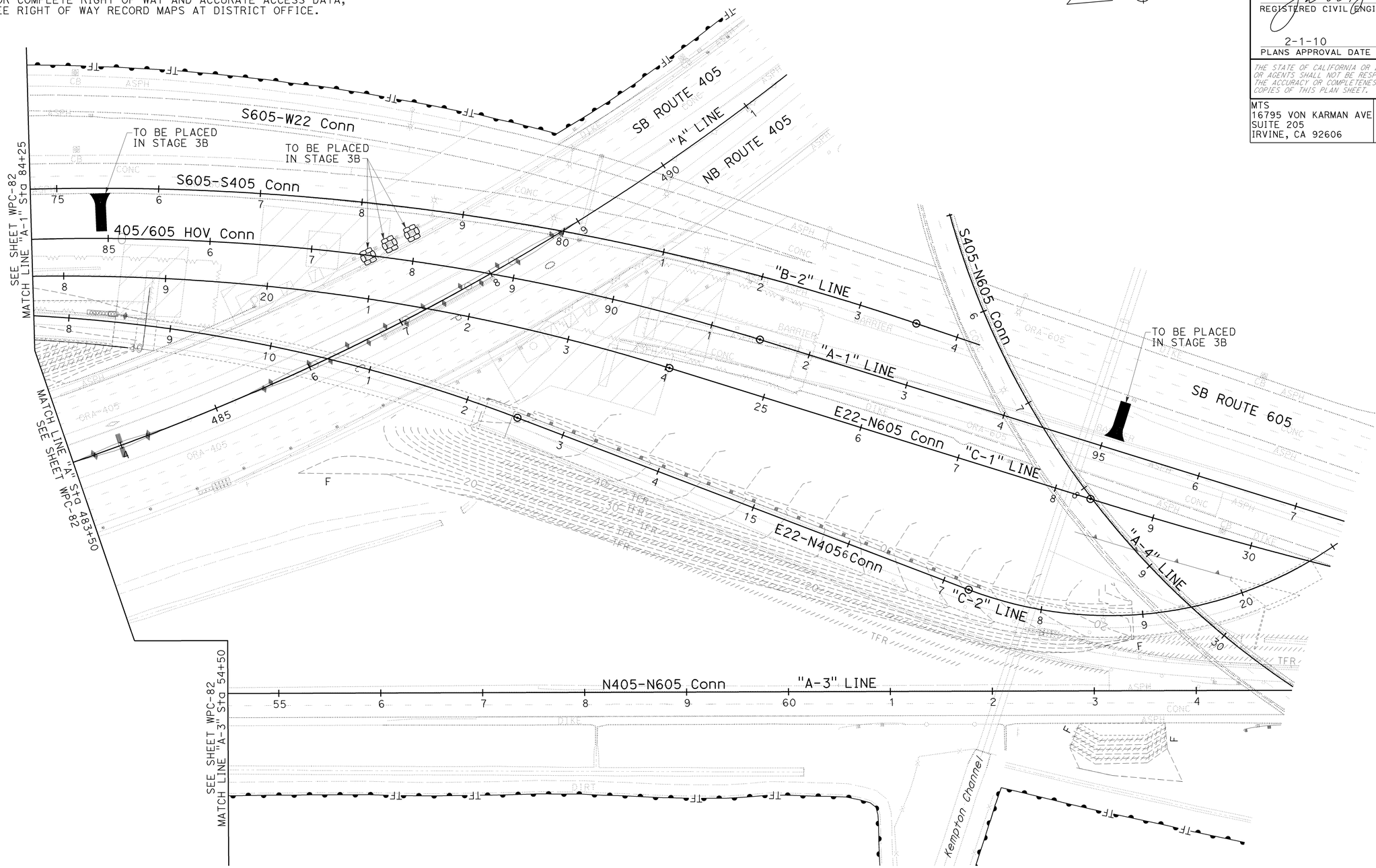
ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-83

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:41

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	258	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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.

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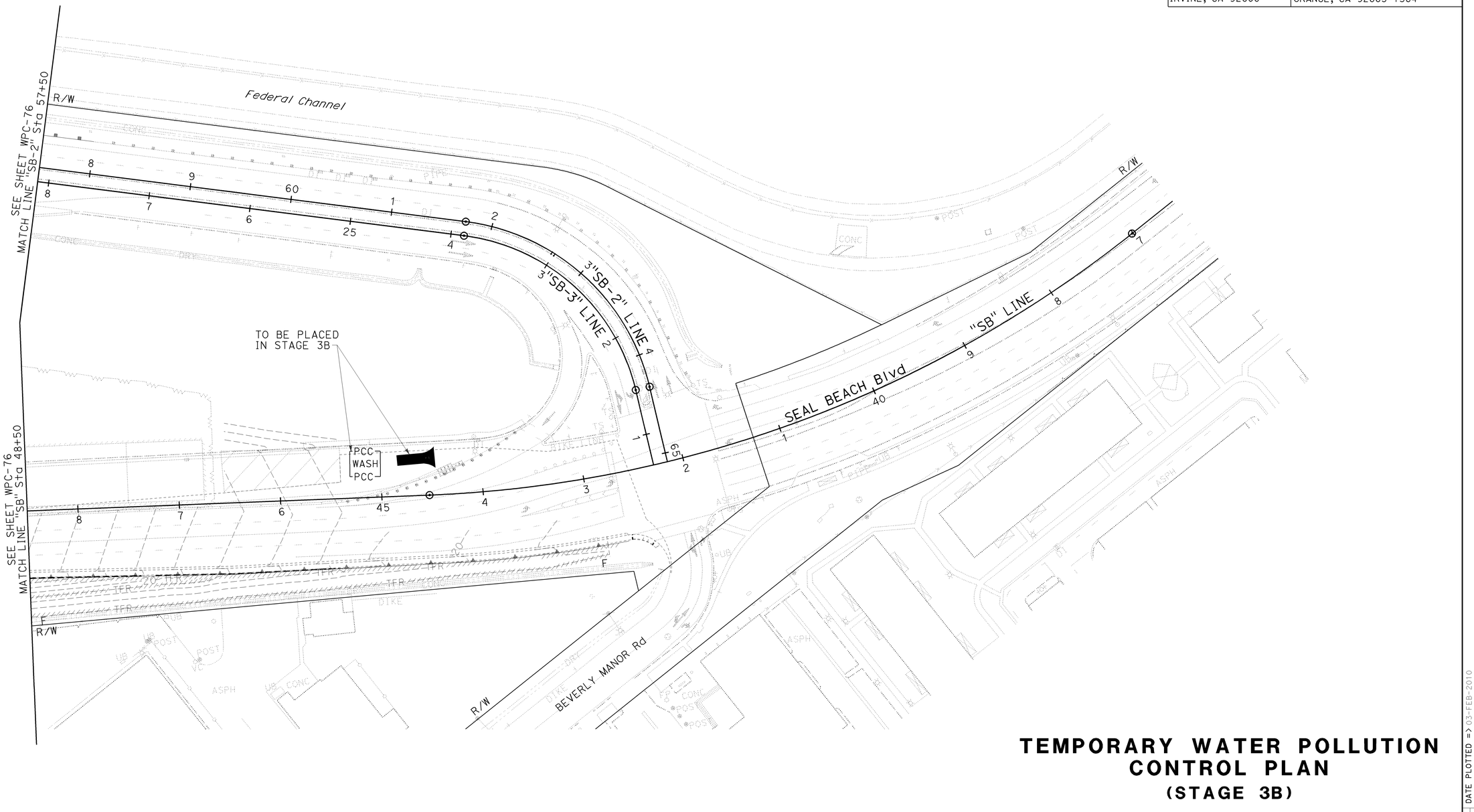
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3B)

SCALE: 1" = 50'

WPC-84

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:41
08-10-09

BORDER LAST REVISED 8/1/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmariak
DGN FILE => c07163gb084.dgn
CU 12235
EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	259	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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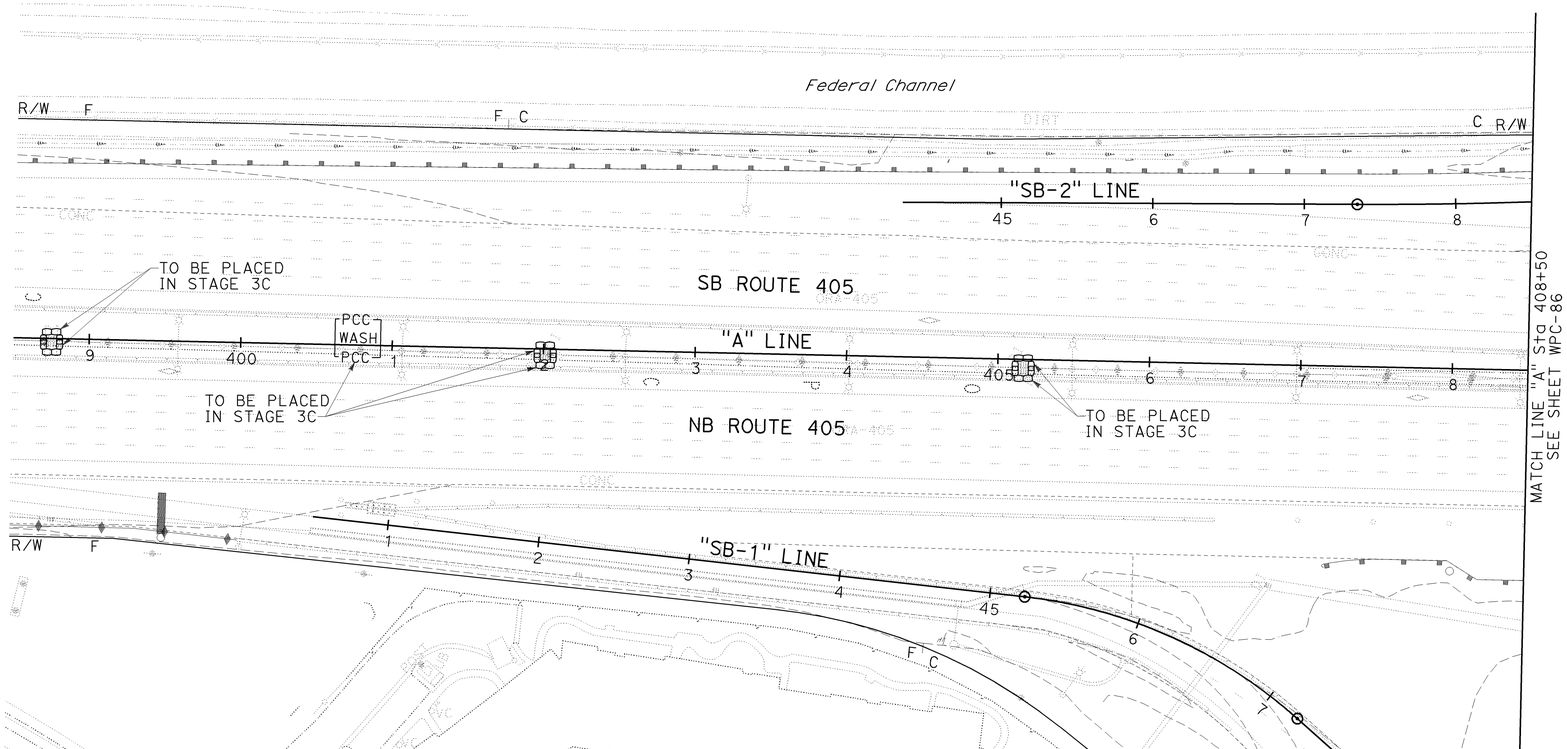
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3C)

SCALE: 1" = 50'

WPC-85

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA
CHECKED BY	JULIET SU	DATE REVISED	12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans		

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:41

BORDER LAST REVISED 8/1/2008 — RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 — USERNAME => trmariak — DGN FILE => c07163gb085.dgn — CU 12235 — EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	260	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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.

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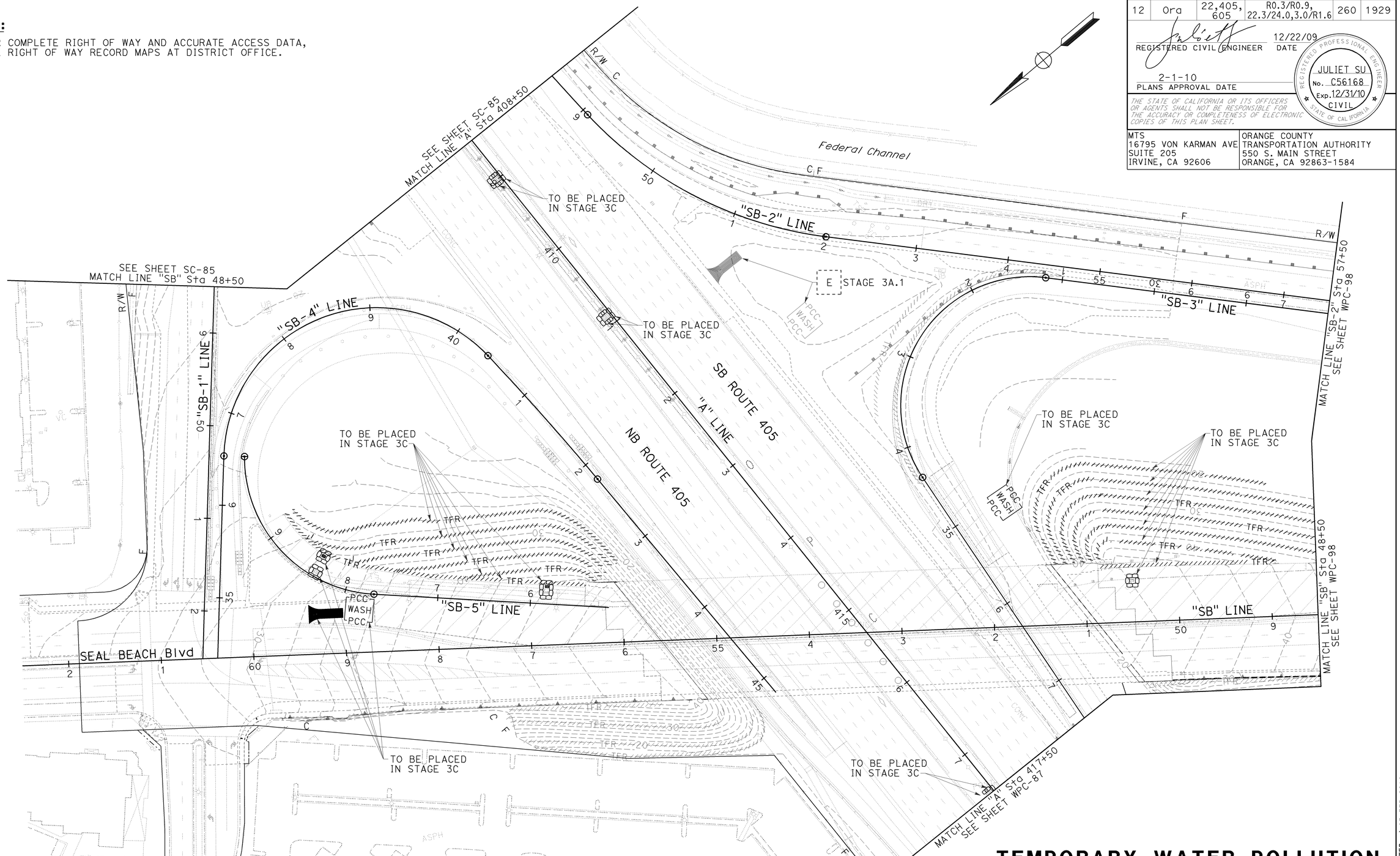
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3C)

SCALE: 1" = 50'

WPC-86

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	12/22/09

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR
LEONARD SEQUEIRA

LAST REVISION | DATE PLOTTED => 03-FEB-2010
08-10-09 | TIME PLOTTED => 07:42

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmariak
DGN FILE => c07163gb086.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	261	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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.

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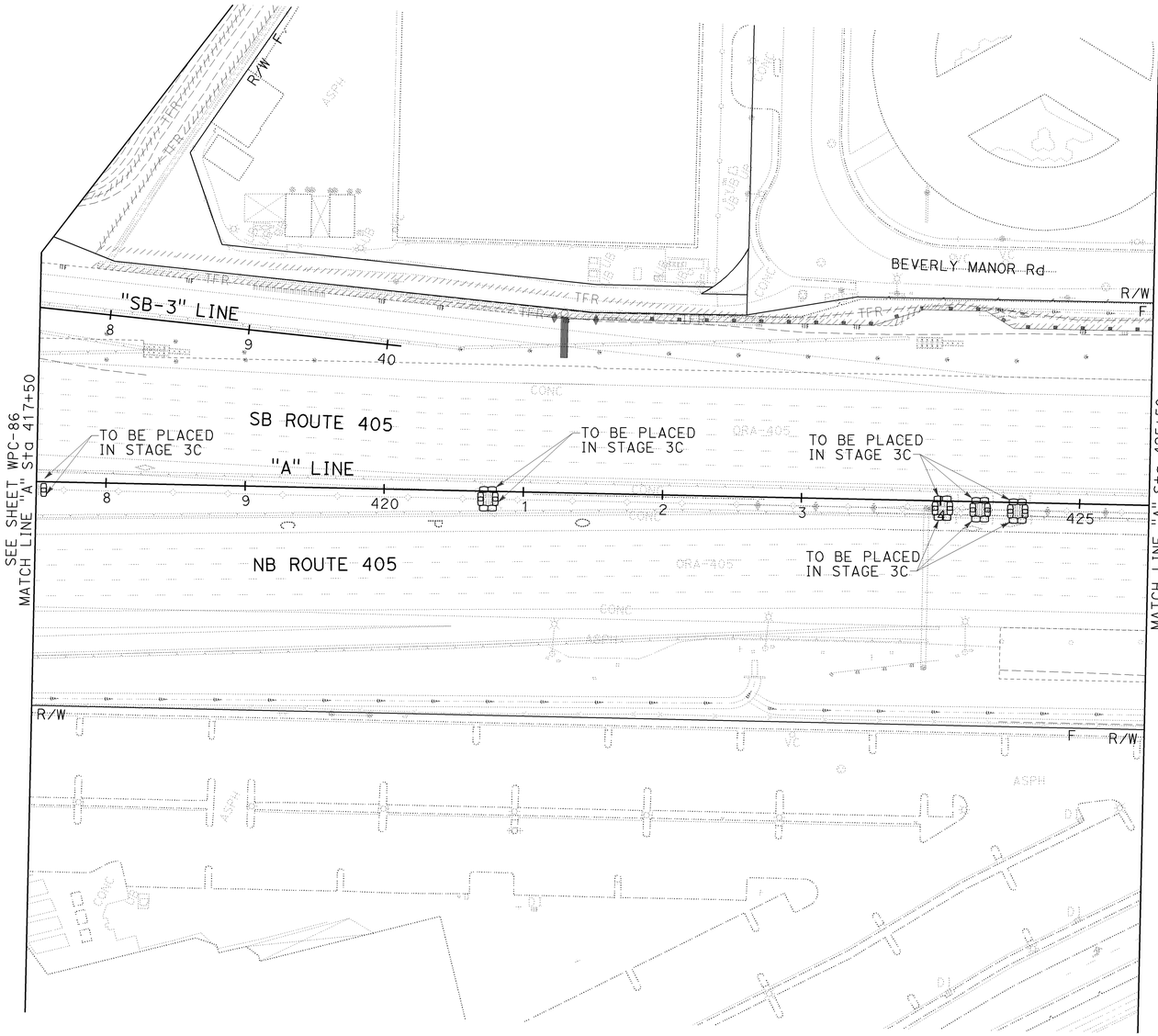
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3C)

SCALE: 1" = 50'

WPC-87

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

	REVISED BY	DATE REVISED
	KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:42
08-10-09

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmariak
DGN FILE => c07163gb087.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	262	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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ORANGE COUNTY
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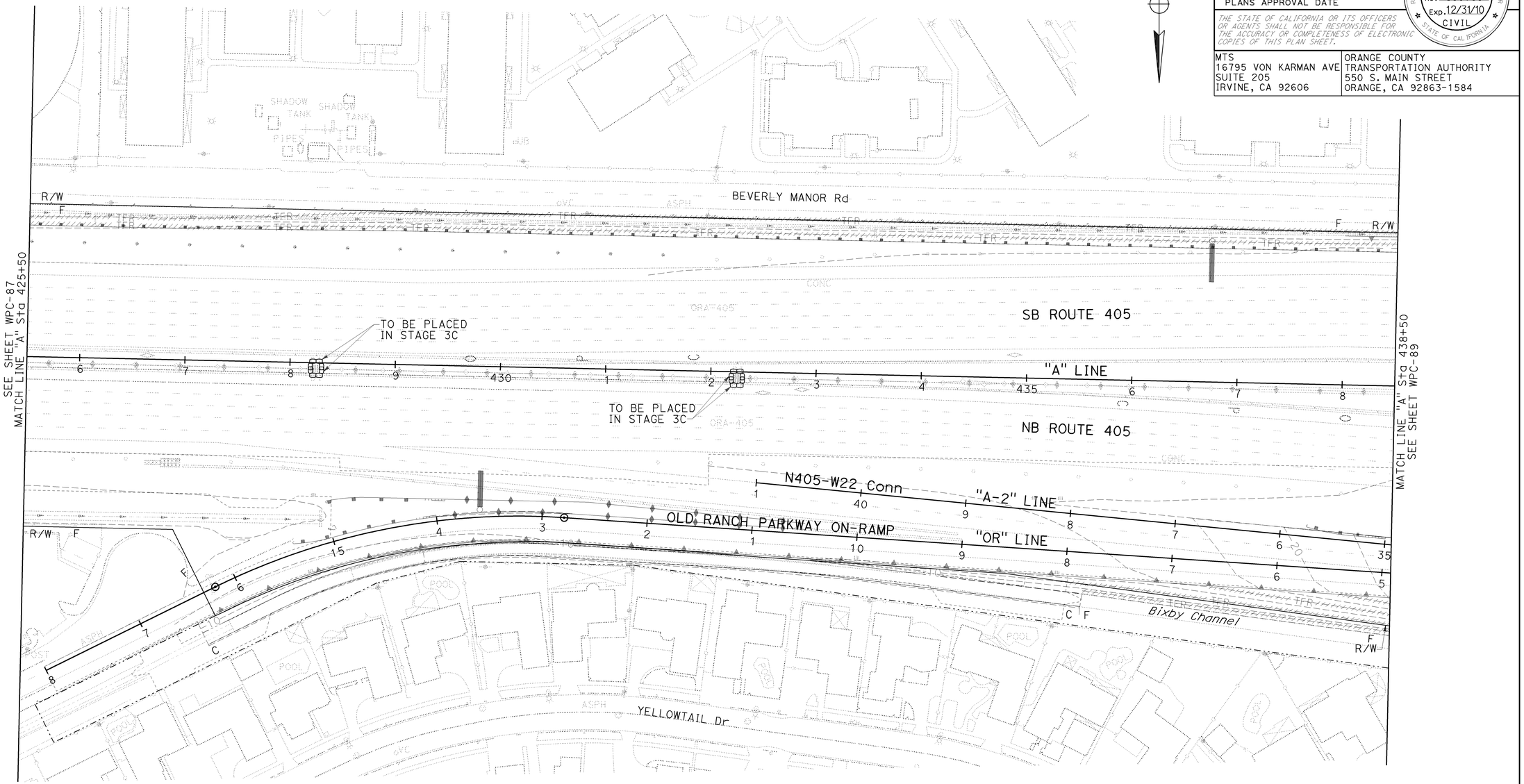
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3C)

SCALE: 1" = 50'

WPC-88

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:42
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb088.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	263	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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STATE OF CALIFORNIA

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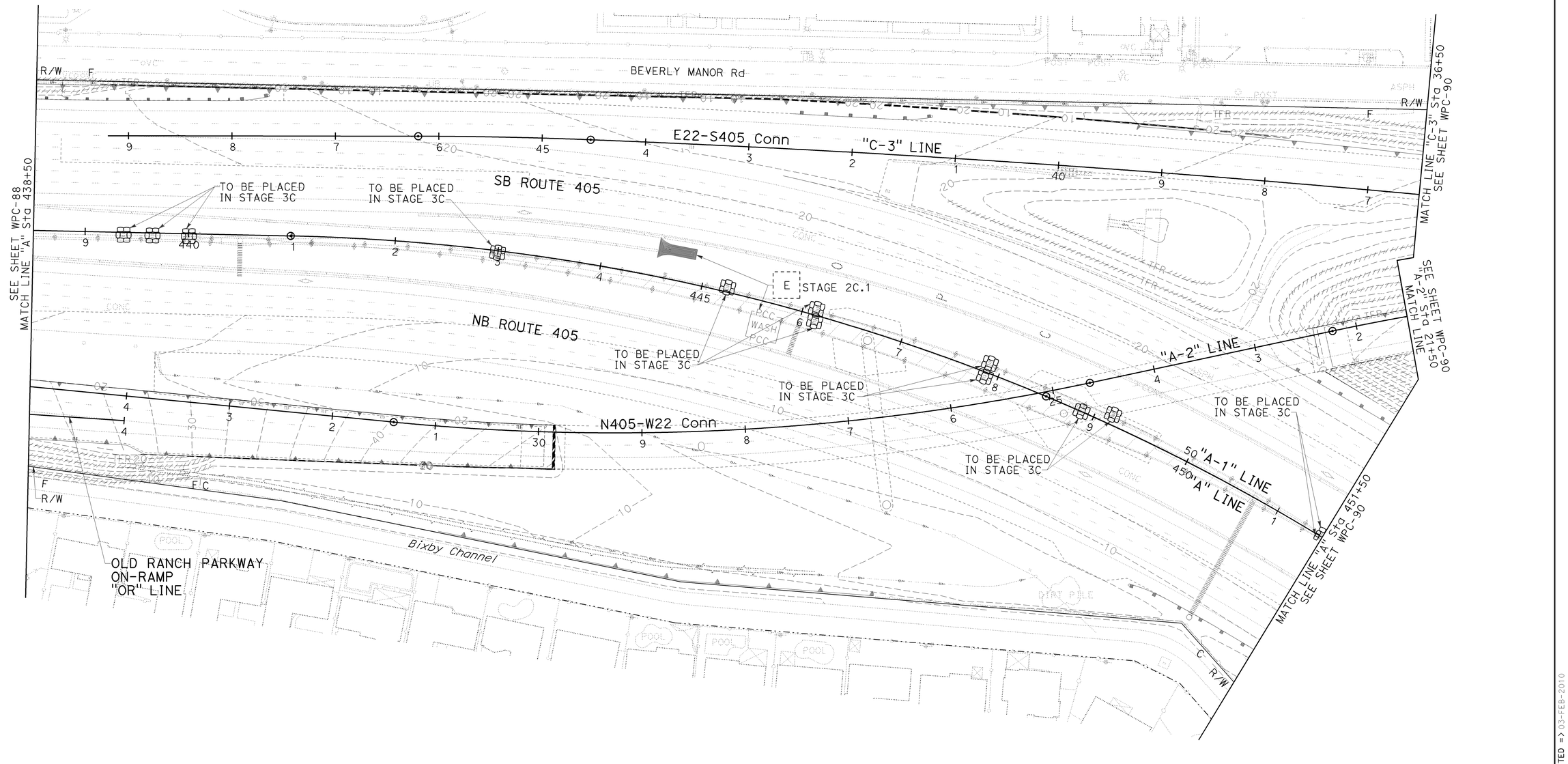
ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3C)

SCALE: 1" = 50′ **WPC-89**

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA
CHECKED BY	JULIET SU	DATE REVISED	12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans		

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:42
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb089.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	264	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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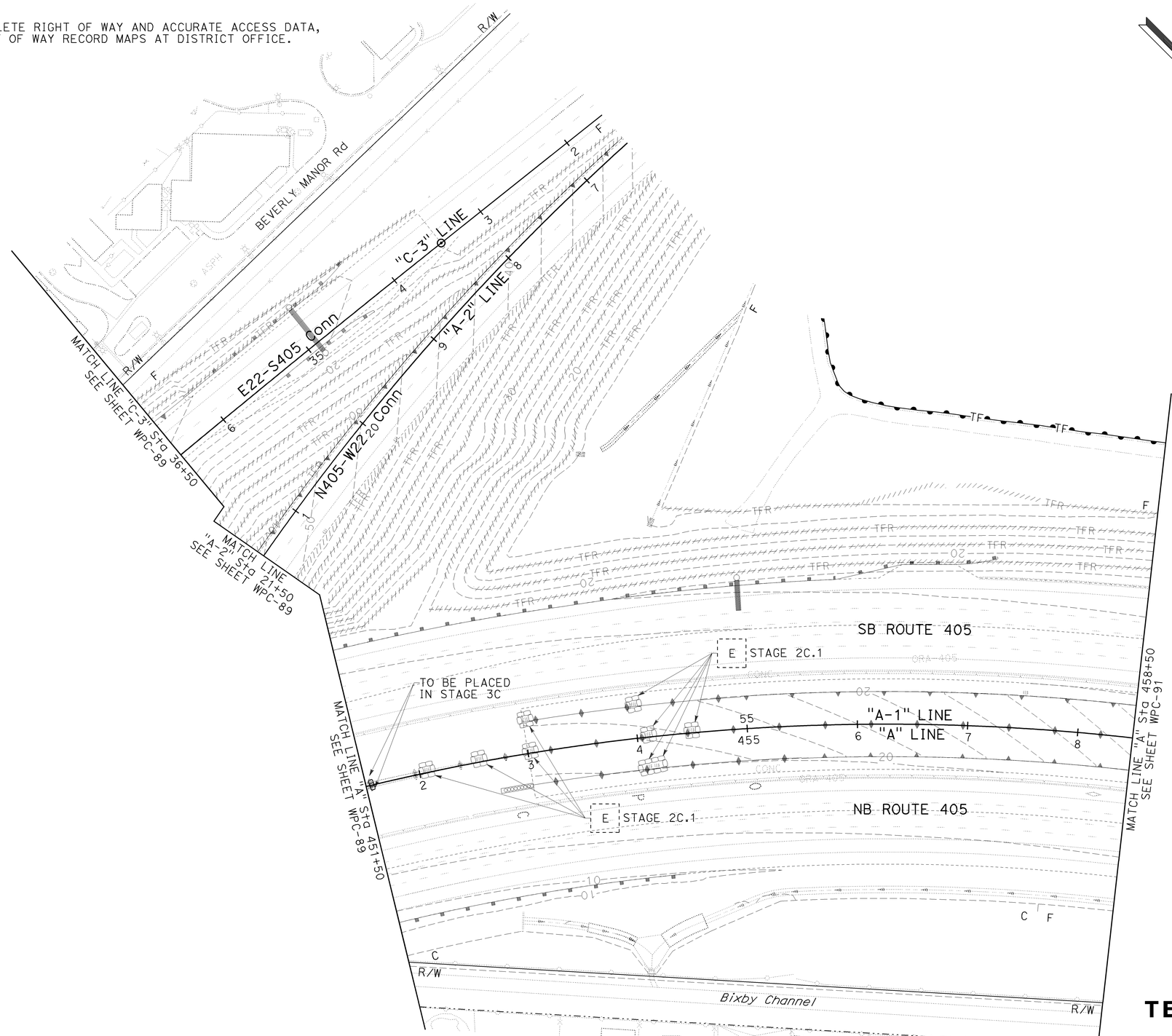
ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3C)

SCALE: 1" = 50'

WPC-90

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA
CHECKED BY	JULIET SU	DATE REVISED	12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION			

LAST REVISION — DATE PLOTTED => 03-FEB-2010 — TIME PLOTTED => 07:42 — 08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb090.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	265	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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STATE OF CALIFORNIA

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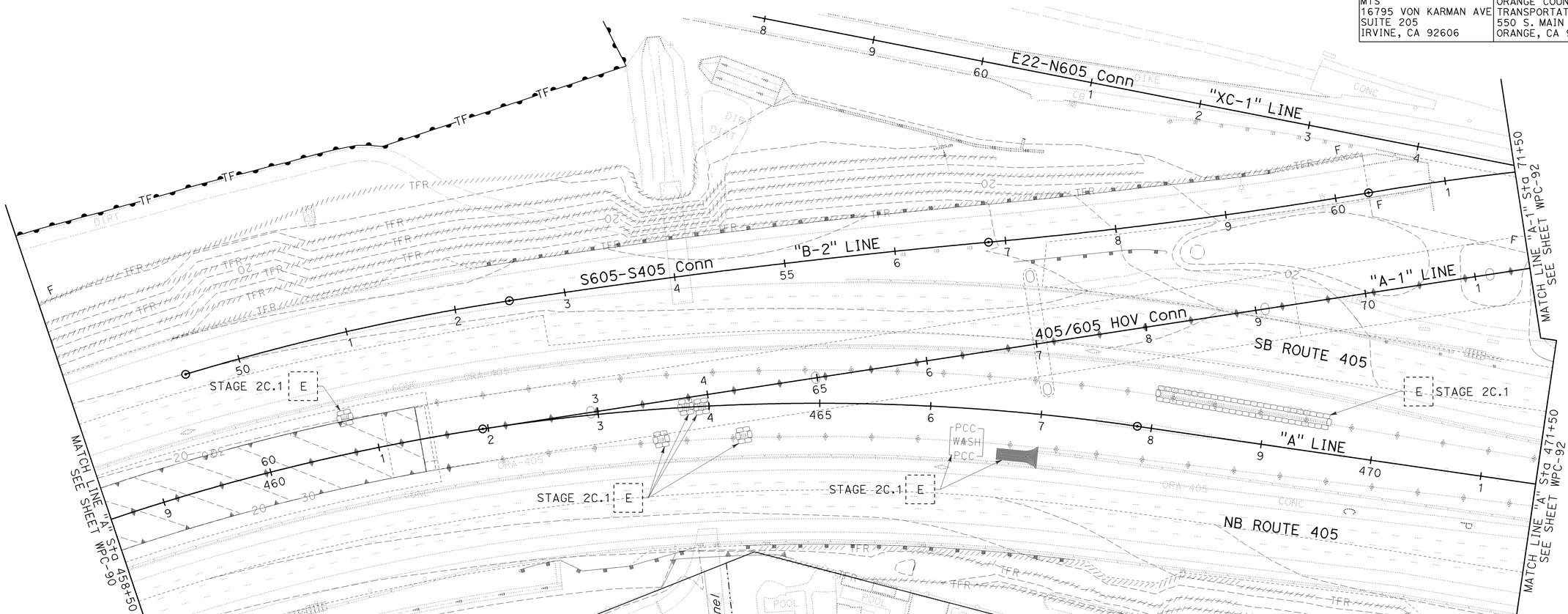

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3C)

SCALE: 1" = 50'

WPC-91

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:42

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb091.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	266	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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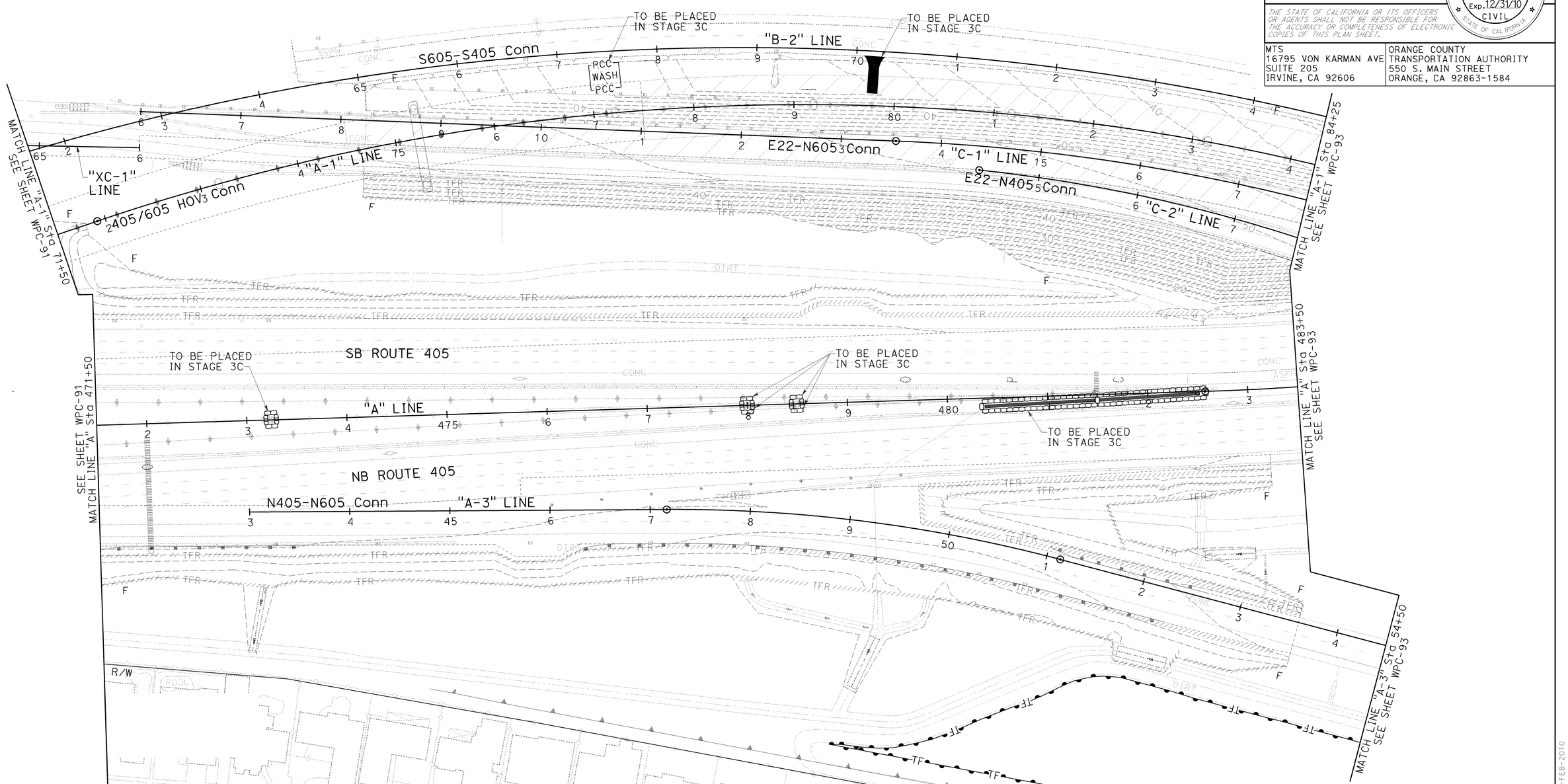
ORANGE, CA 92863-1584



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3C)

SCALE: 1" = 50'

WPC-92

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

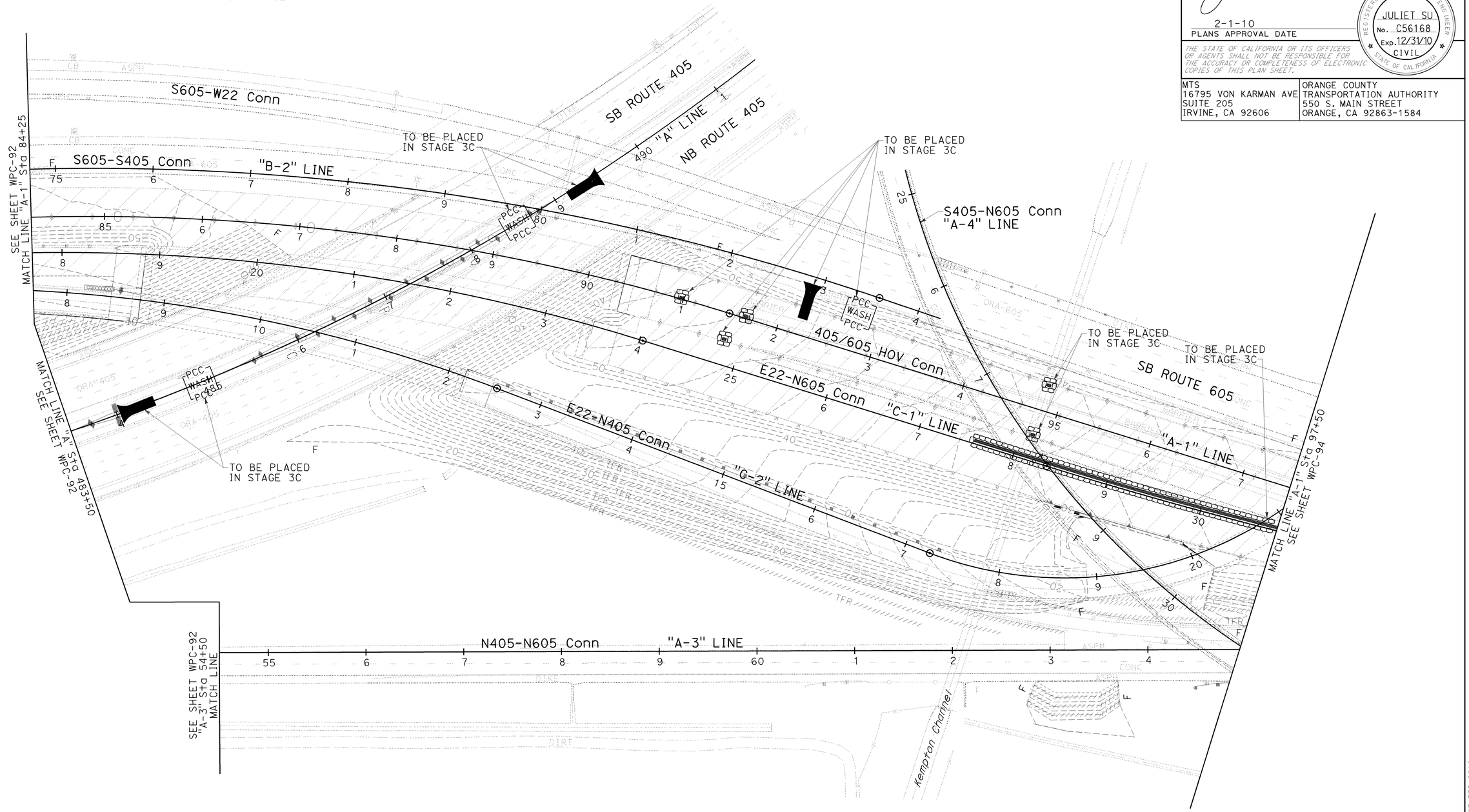
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 07:43

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak | DGN FILE => c07163gb092.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	267	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

JULIET SU
No. C56168
Exp.12/31/10
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3C)

SCALE: 1" = 50'

WPC-93

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU

REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:43
08-10-09

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmariak
DGN FILE => c07163gb093.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	268	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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IRVINE, CA 92606

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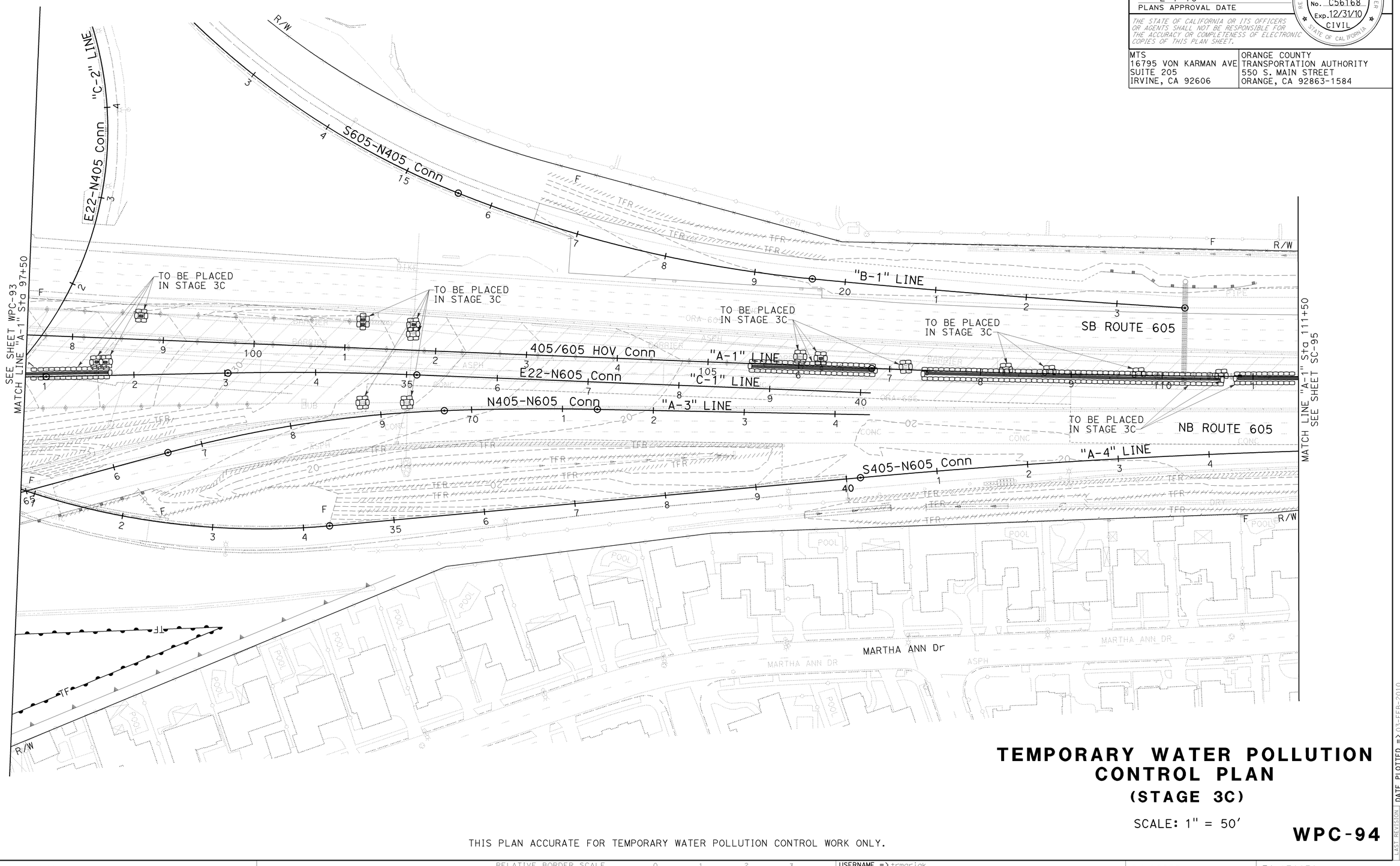

TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3C)

SCALE: 1" = 50'

WPC-94

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:43

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb094.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	269	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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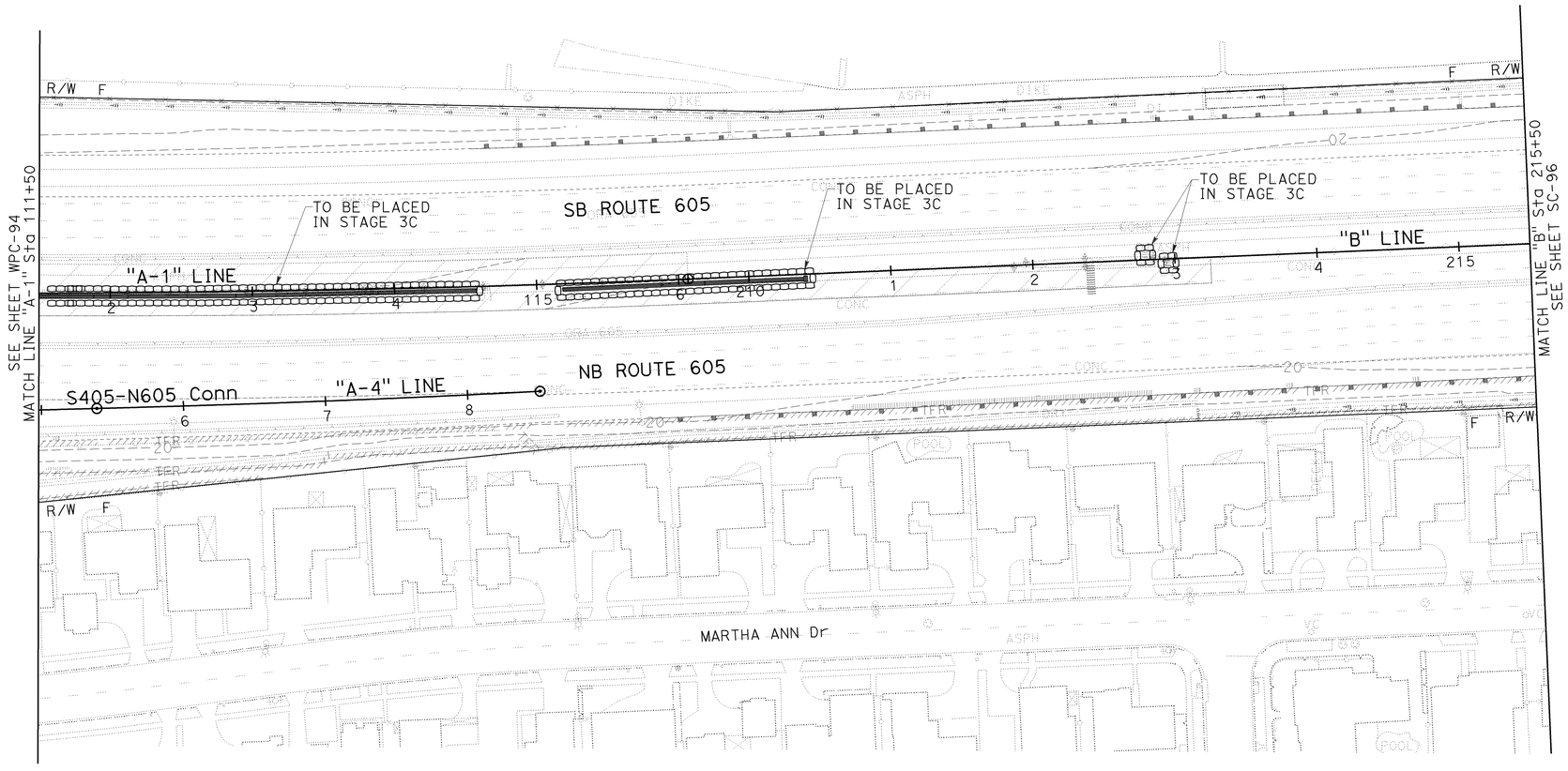

TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3C)

SCALE: 1" = 50'

WPC-95

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	REVISED BY	DATE REVISED
CHECKED BY	KLA	12/22/09
KELSIE ANDERSON		
JULIET SU		

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:43

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb095.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	270	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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550 S. MAIN STREET
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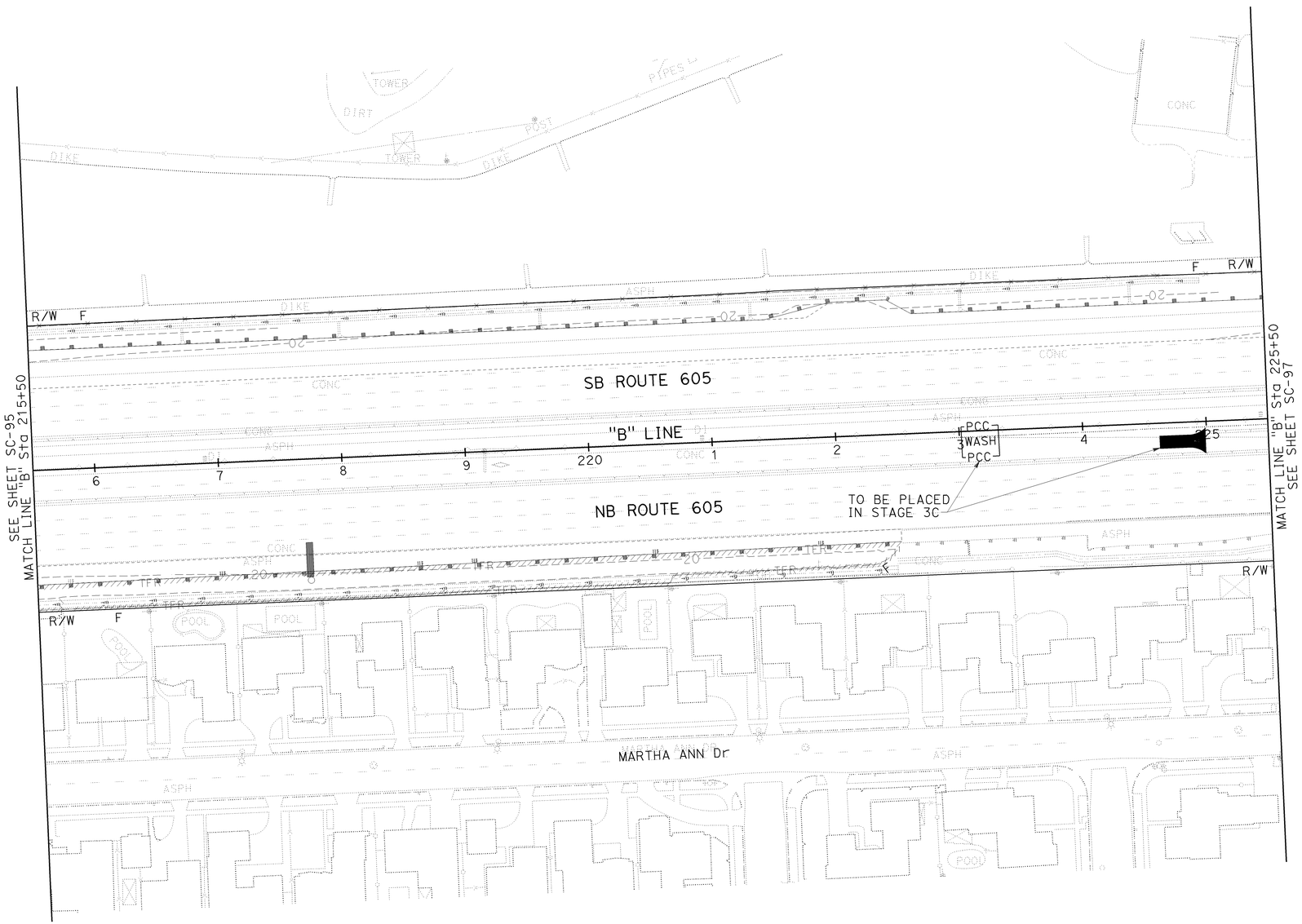
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3C)

SCALE: 1" = 50'

WPC-96

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	KLA		
DATE REVISED	12/22/09		
CALCULATED-DESIGNED BY	KELSIE ANDERSON		
CHECKED BY	JULIET SU		
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans		

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:43
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb096.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	271	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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STATE OF CALIFORNIA

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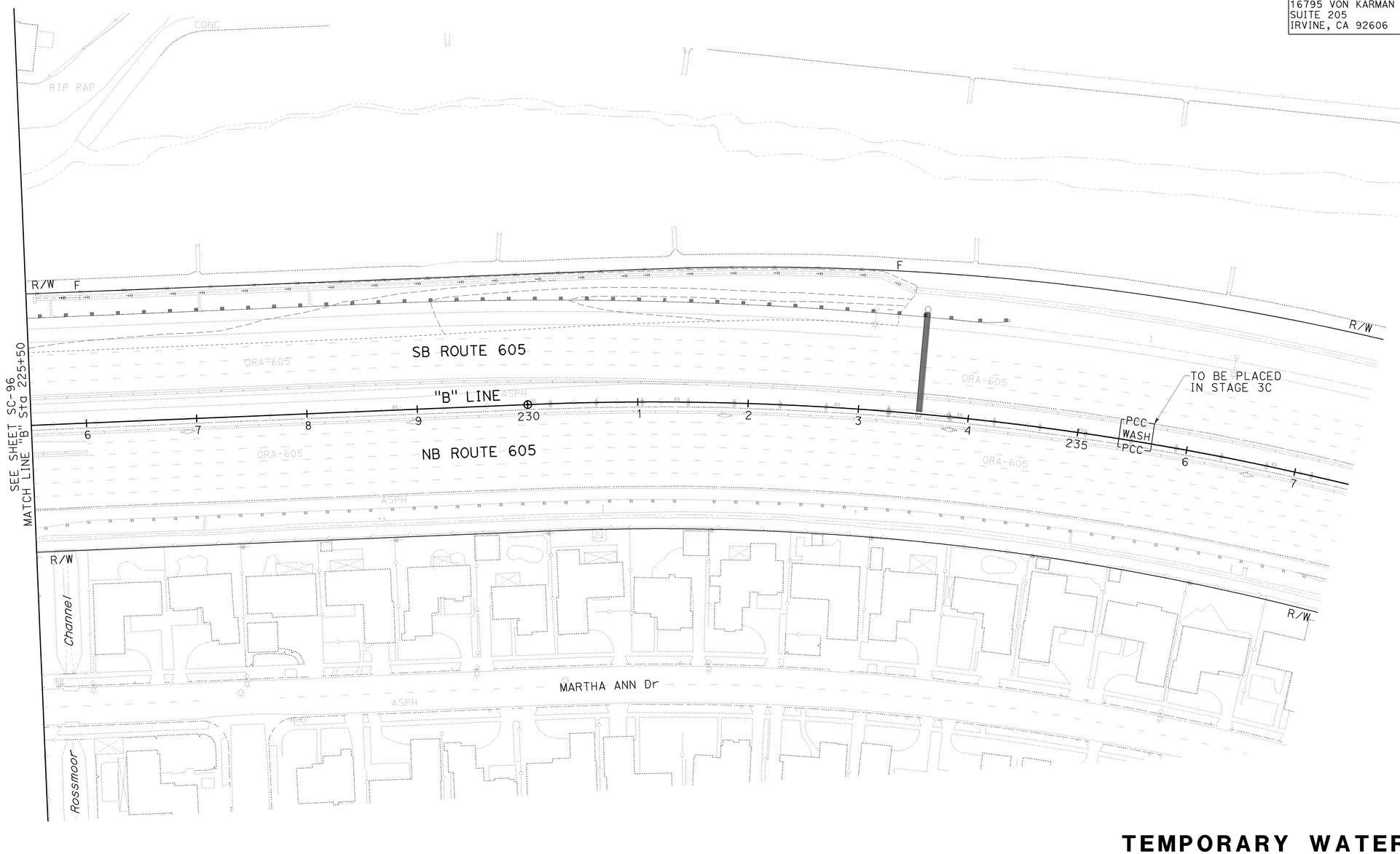
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3C)

SCALE: 1" = 50'

WPC-97

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	12/22/09

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION: DATE PLOTTED => 03-FEB-2010 08-10-09 TIME PLOTTED => 07:43

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb097.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	272	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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IRVINE, CA 92606

ORANGE COUNTY
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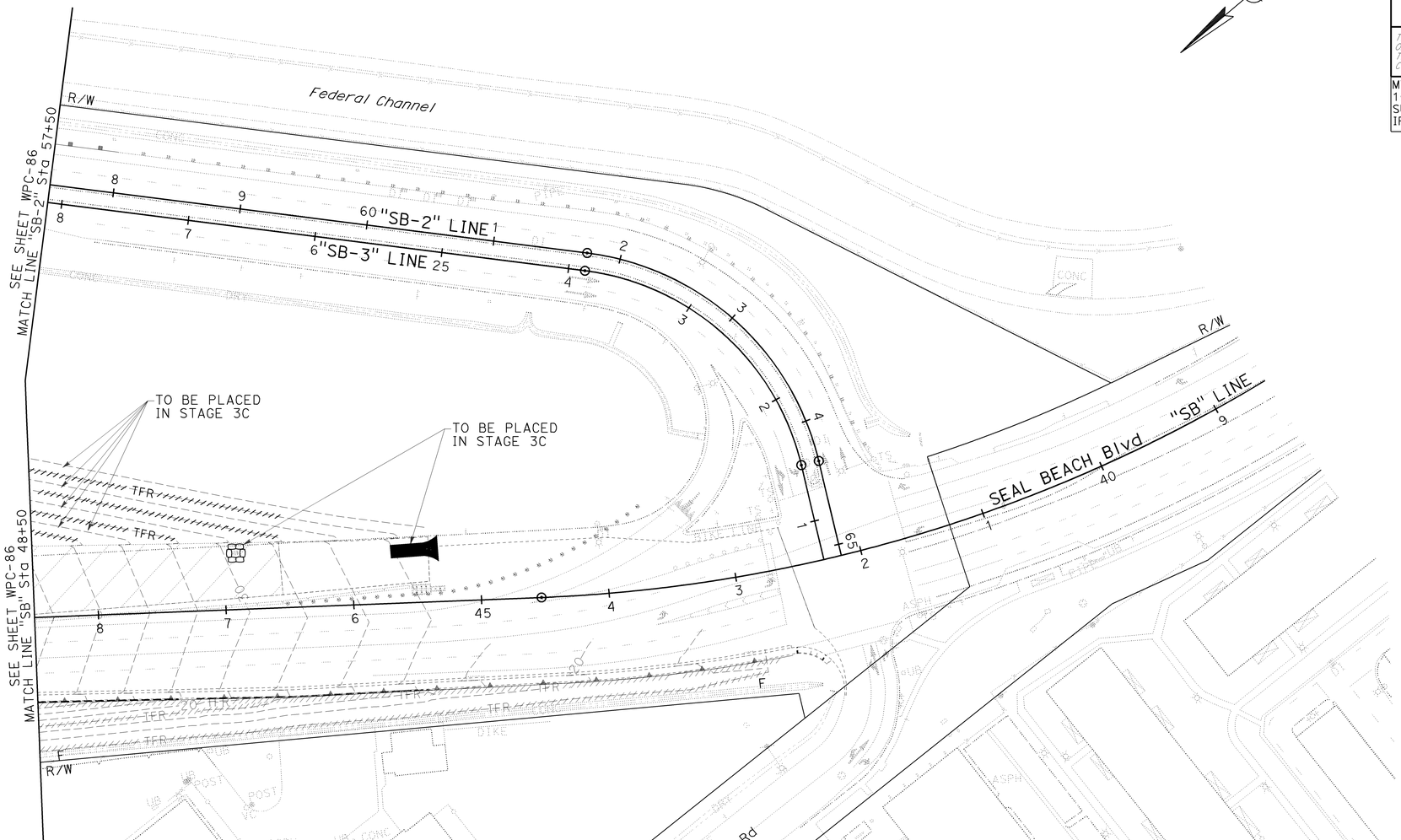
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3C)

SCALE: 1" = 50'

WPC-98

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

	REVISED BY	DATE REVISED
CALCULATED-DESIGNED BY	KLA	12/22/09
CHECKED BY	JULIET SU	
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA	
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	KELSIE ANDERSON	

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:43
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb098.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	273	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
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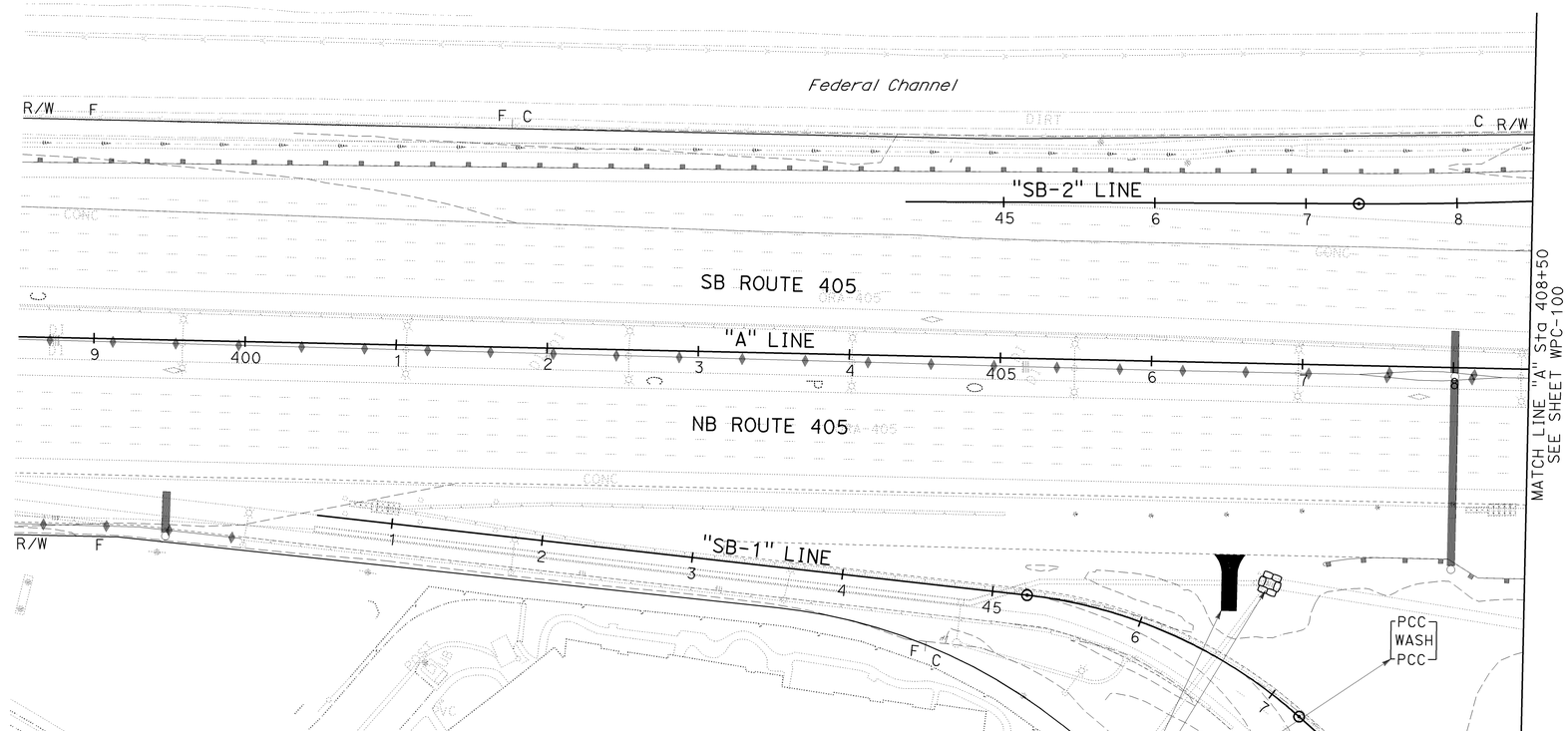
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3D)

SCALE: 1" = 50′

WPC-99

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	12/22/09

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 07:44

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak | DGN FILE => c07163gb099.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	274	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

SEE SHEET WPC-99
MATCH LINE "A" Sta 408+50

SEE SHEET WPC-99
MATCH LINE "SB-1" Sta 48+50

R/W C

"SB-2" LINE

C F

Federal Channel

F

R/W

E STAGE 3A.1

PCC WASH PCC

"SB-3" LINE

"SB-1" LINE

"SB-4" LINE

"A" LINE

SB ROUTE 405

NB ROUTE 405

TO BE PLACED IN STAGE 3D.1

"SB-5" LINE

SEAL BEACH Blvd

"SB" LINE

TO BE PLACED IN STAGE 3D.1

MATCH LINE "A" Sta 417+50
SEE SHEET WPC-101

TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3D)

SCALE: 1" = 50'

WPC-100

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED- KELSIE ANDERSON
DESIGNED BY
CHECKED BY JULIET SU

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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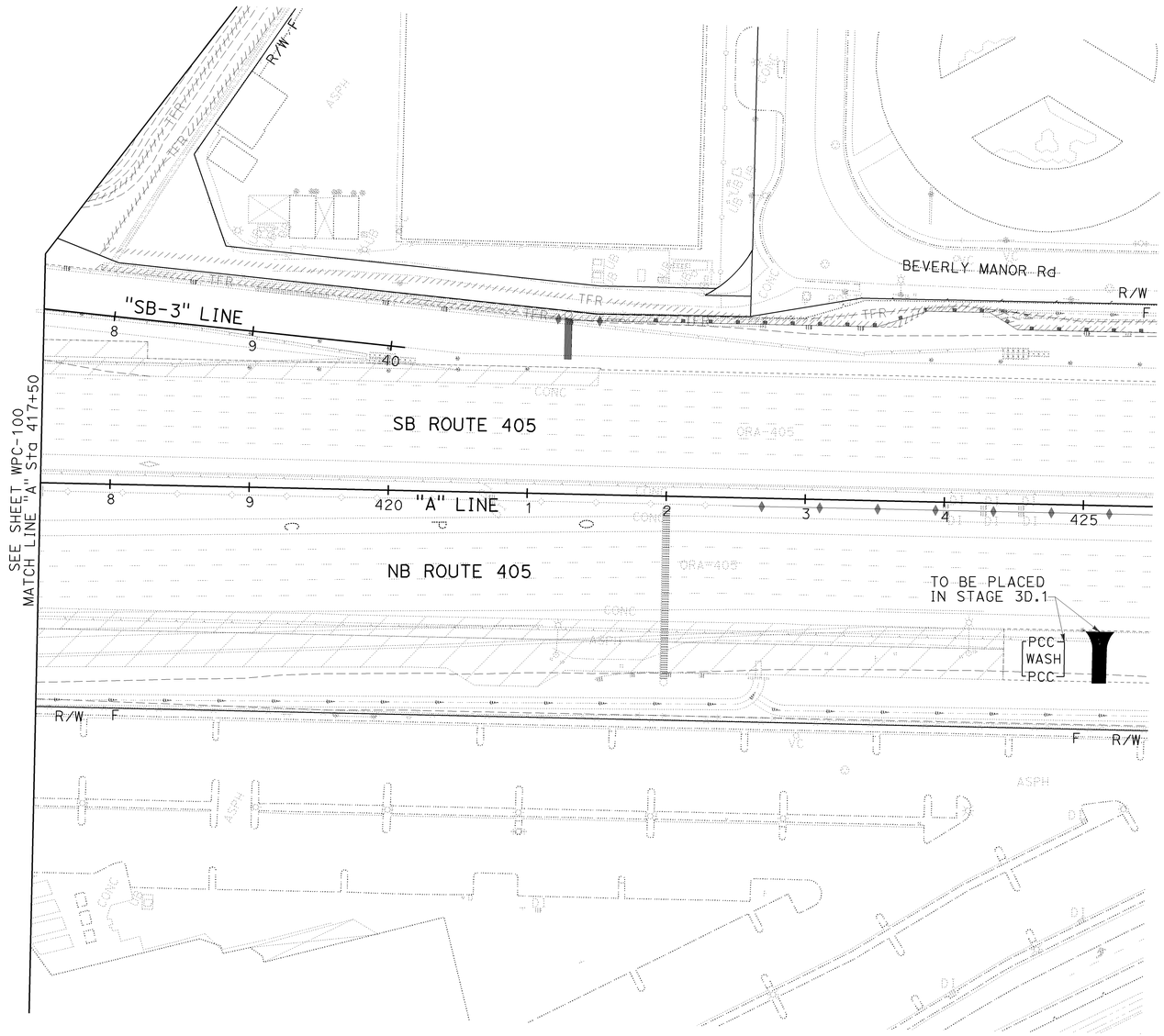
LAST REVISION | DATE PLOTTED => 03-FEB-2010
08-10-09 | TIME PLOTTED => 07:44

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak DGN FILE => c07163gb100.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	275	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3D)

SCALE: 1" = 50'

WPC-101

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:44
08-10-09

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmariak
DGN FILE => c07163gb101.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	276	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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STATE OF CALIFORNIA

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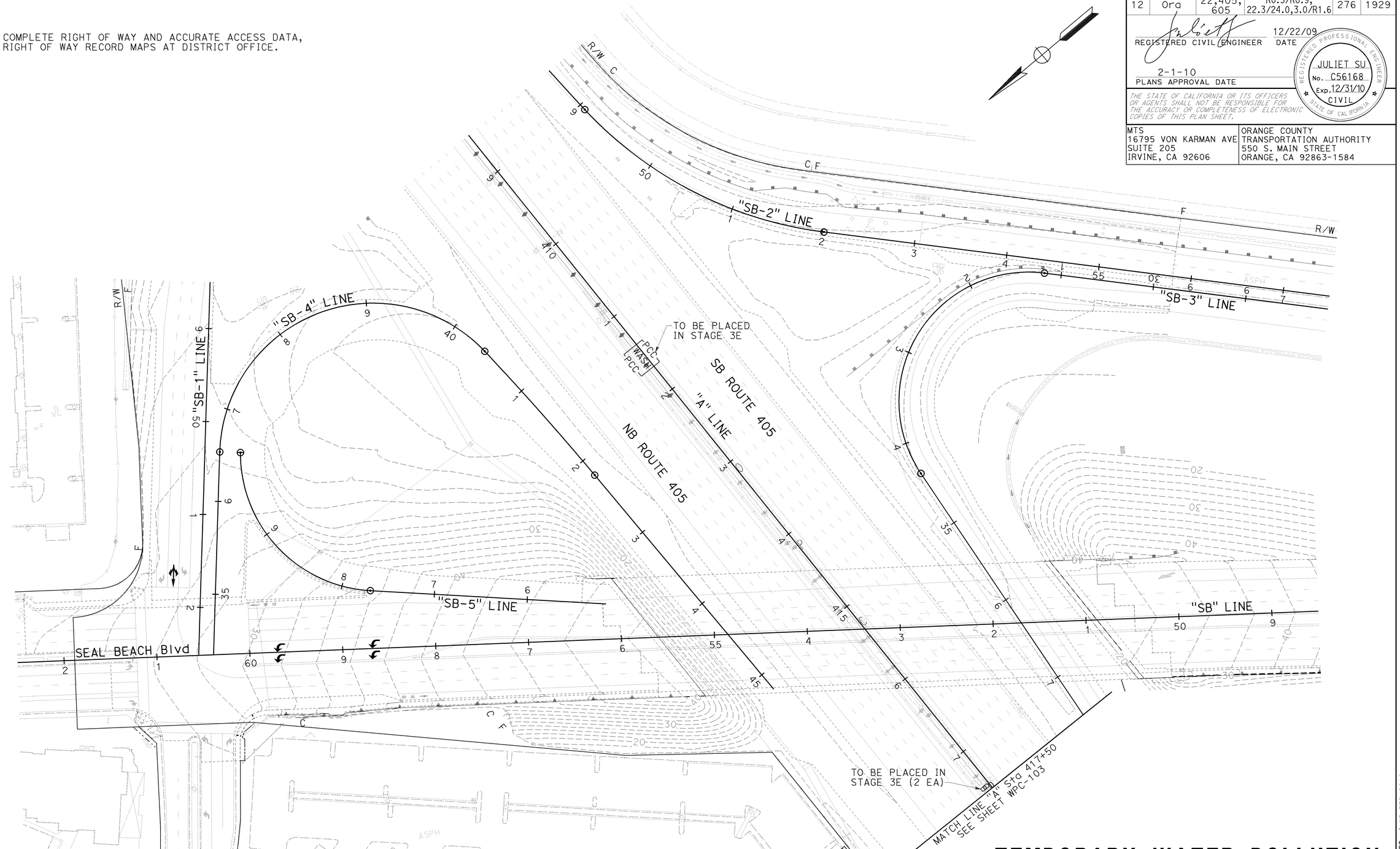
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3E)

SCALE: 1" = 50'

WPC-102

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

	REVISED BY	DATE REVISED
	KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010
08-10-09 TIME PLOTTED => 07:44

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmariak
DGN FILE => c07163gb102.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	277	1929

REGISTERED CIVIL ENGINEER 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JULIET SU No. C56168 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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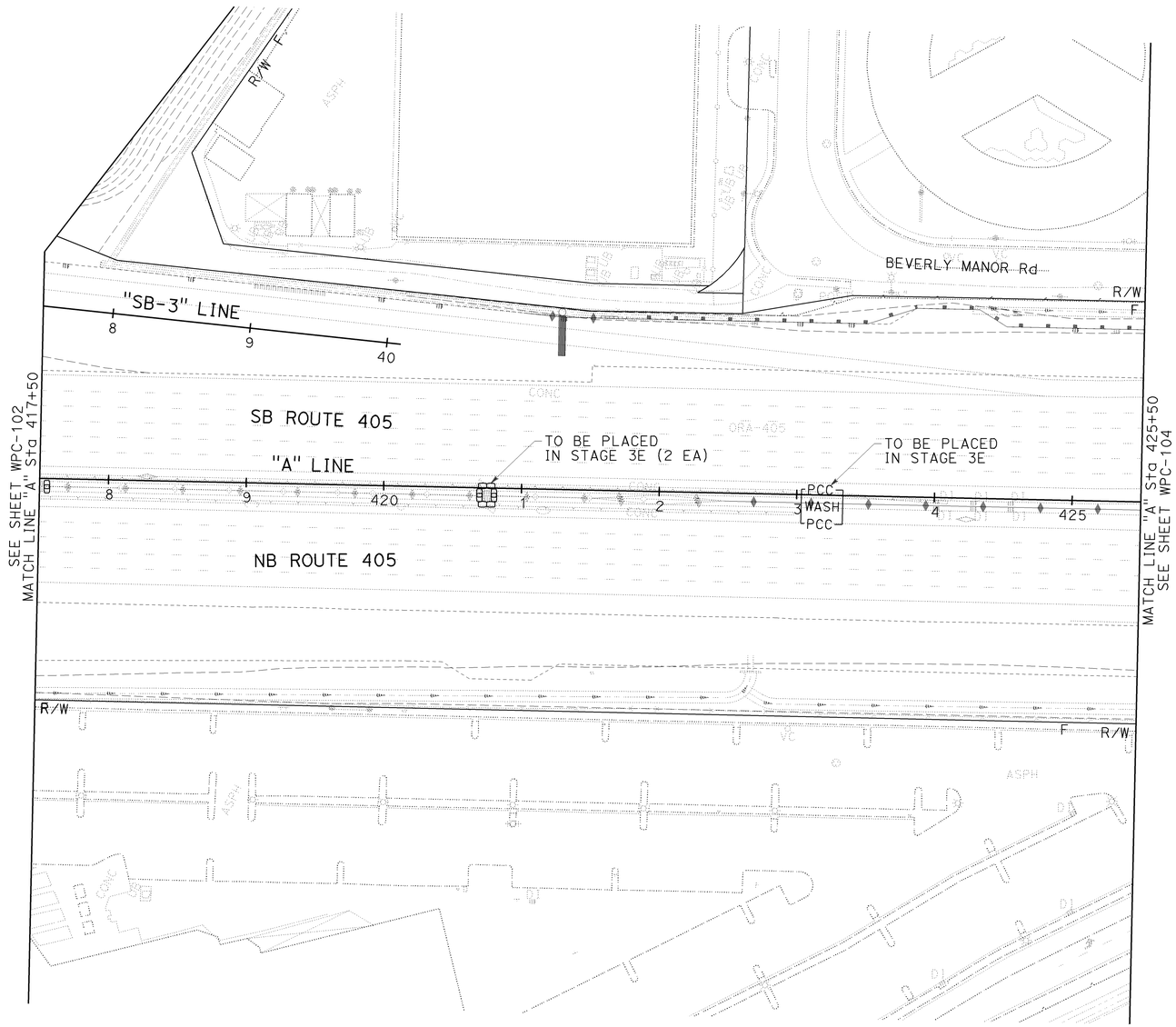
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3E)

SCALE: 1" = 50'

WPC-103

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 07:44

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	278	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

JULIET SU
No. C56168
Exp.12/31/10
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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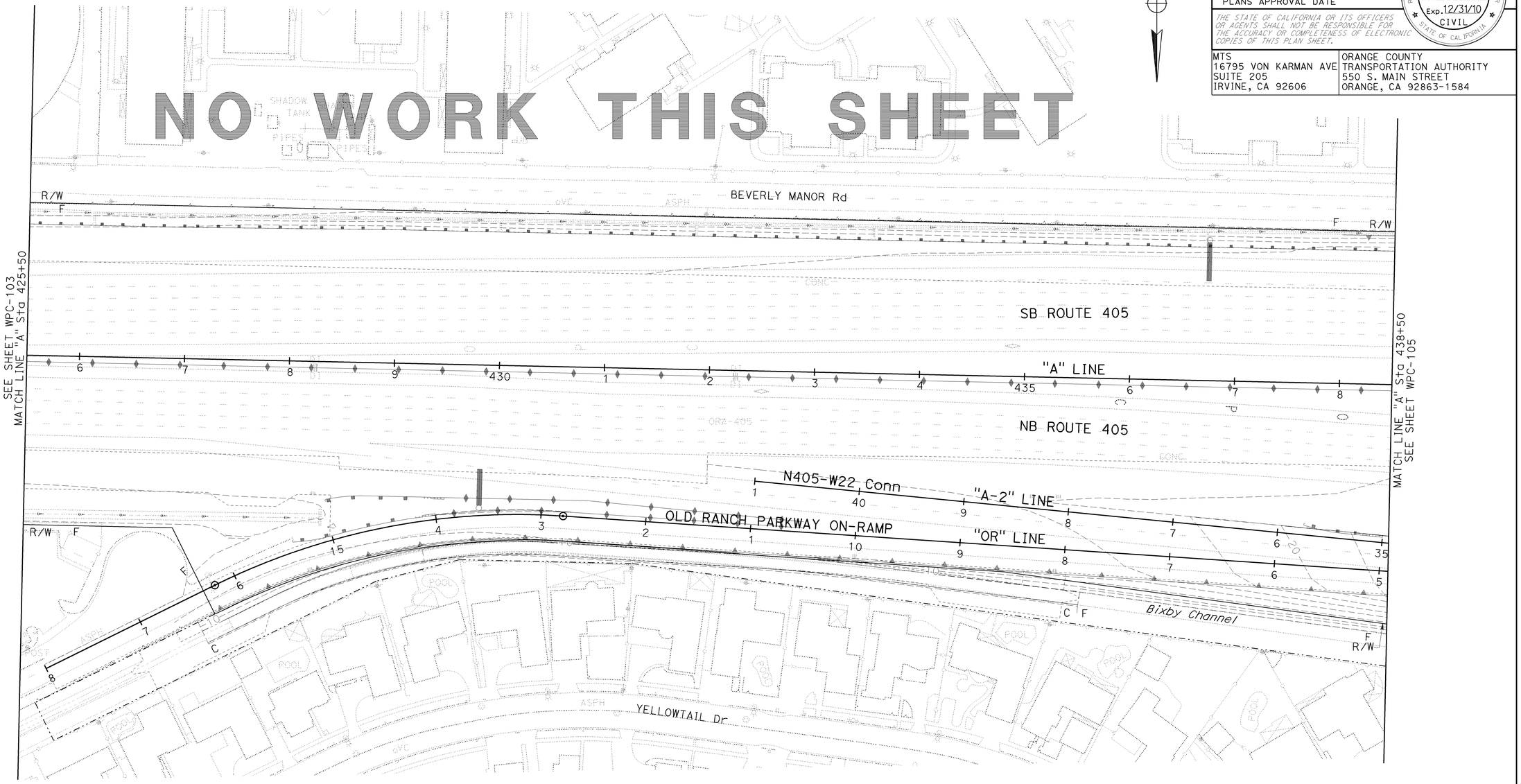
NO WORK THIS SHEET



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3E)

SCALE: 1" = 50'

WPC-104

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	KLA		
DATE REVISED	12/22/09		
CALCULATED-DESIGNED BY	KELSIE ANDERSON		
CHECKED BY	JULIET SU		
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEGUEIRA		
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LAST REVISION 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 07:44

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmariak | DGN FILE => c07163gb104.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	279	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
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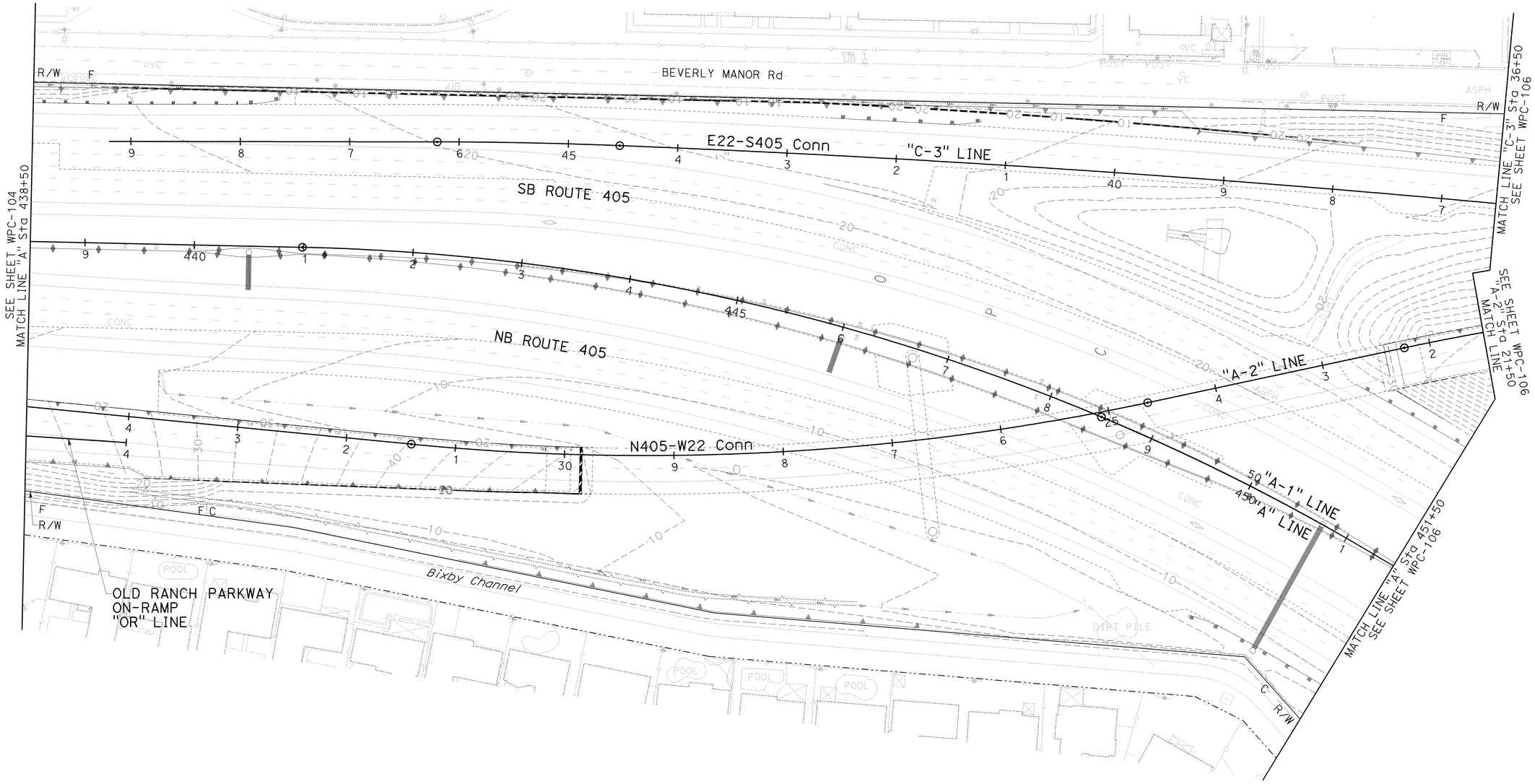
NO WORK THIS SHEET



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3E)

SCALE: 1" = 50′

WPC-105

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY		
CHECKED BY		
REVISED BY	KLA	12/22/09
DATE REVISED		
KELSIE ANDERSON		
JULIET SU		
CONSULTANT FUNCTIONAL SUPERVISOR		
LEONARD SEQUEIRA		
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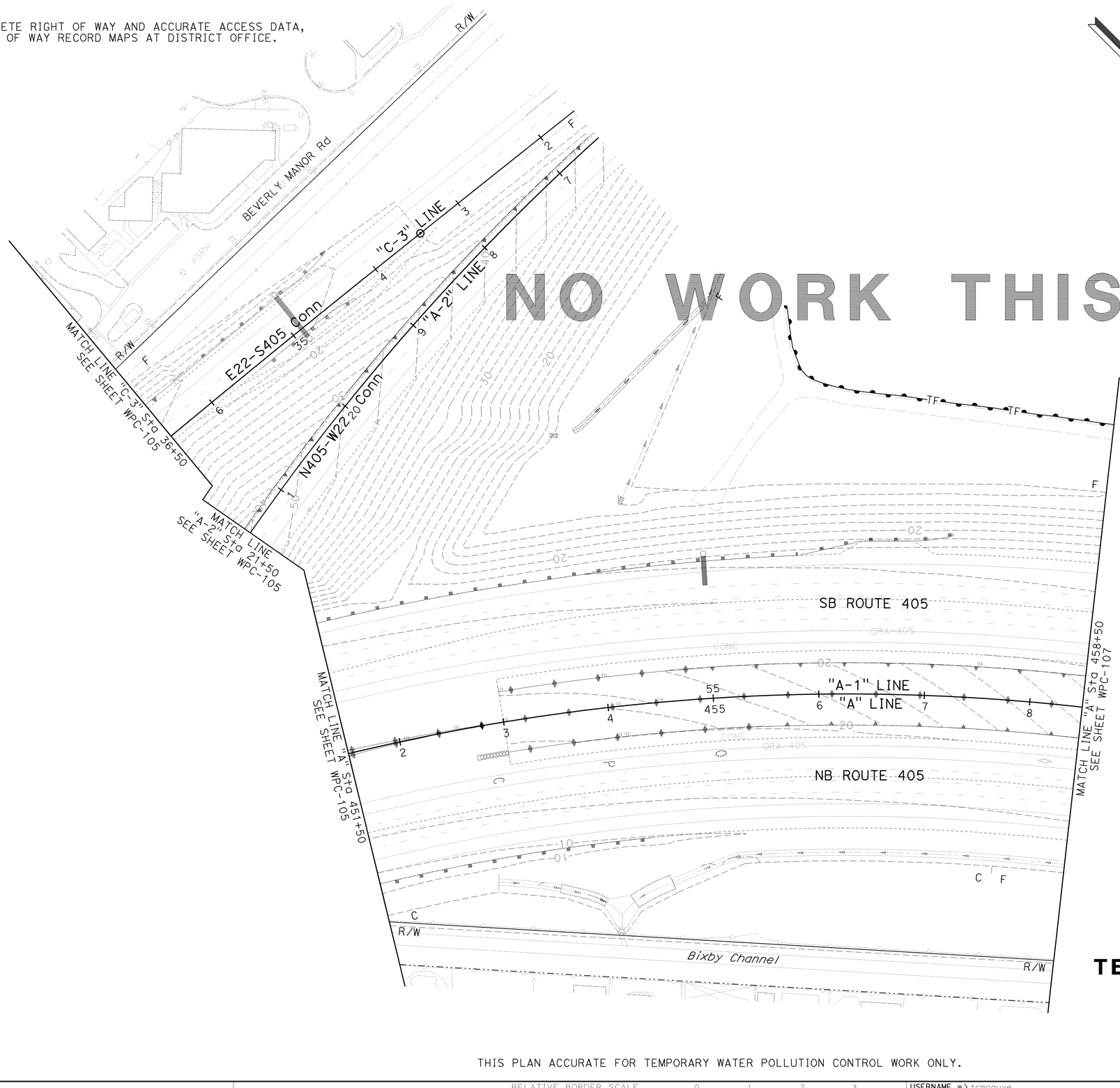
LAST REVISION 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 08:19

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c07163gb105.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



NO WORK THIS SHEET

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	280	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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TRANSPORTATION AUTHORITY
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TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3E)

SCALE: 1" = 50'

WPC-106

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 08:19
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb106.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	281	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU — No. C56168 — Exp.12/31/10 — CIVIL — STATE OF CALIFORNIA

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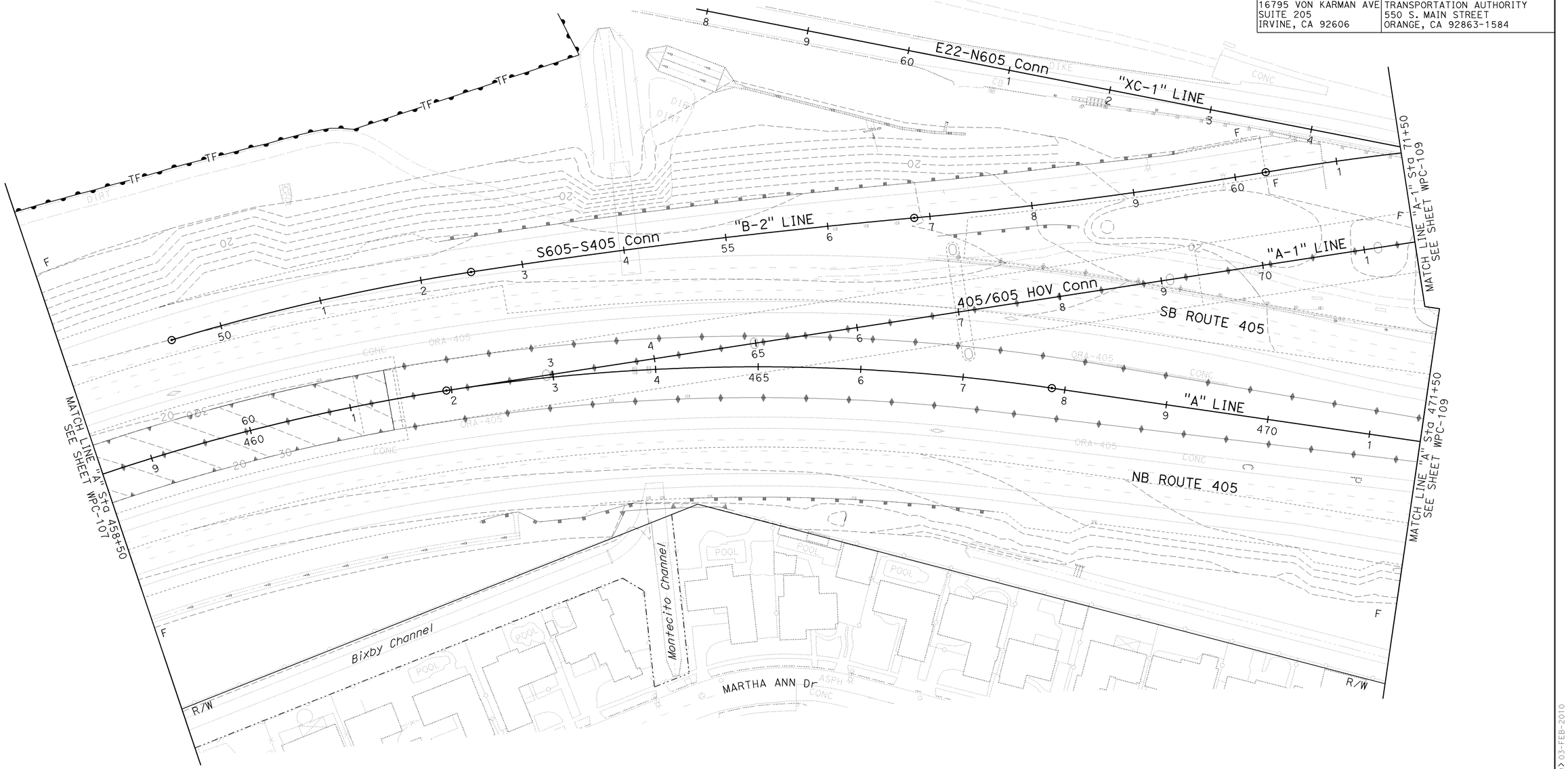
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

NO WORK THIS SHEET



TEMPORARY WATER POLLUTION CONTROL PLAN
(STAGE 3E)

SCALE: 1" = 50'

WPC-107

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

REVISED BY	DATE REVISED
KLA	12/22/09

KELSIE ANDERSON — CALCULATED-DESIGNED BY
JULIET SU — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION — DATE PLOTTED => 03-FEB-2010 — TIME PLOTTED => 08:19 — 08-10-09

BORDER LAST REVISED 8/1/2008 — RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 — USERNAME => trmnguye — DGN FILE => c07163gb107.dgn — CU 12235 — EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	282	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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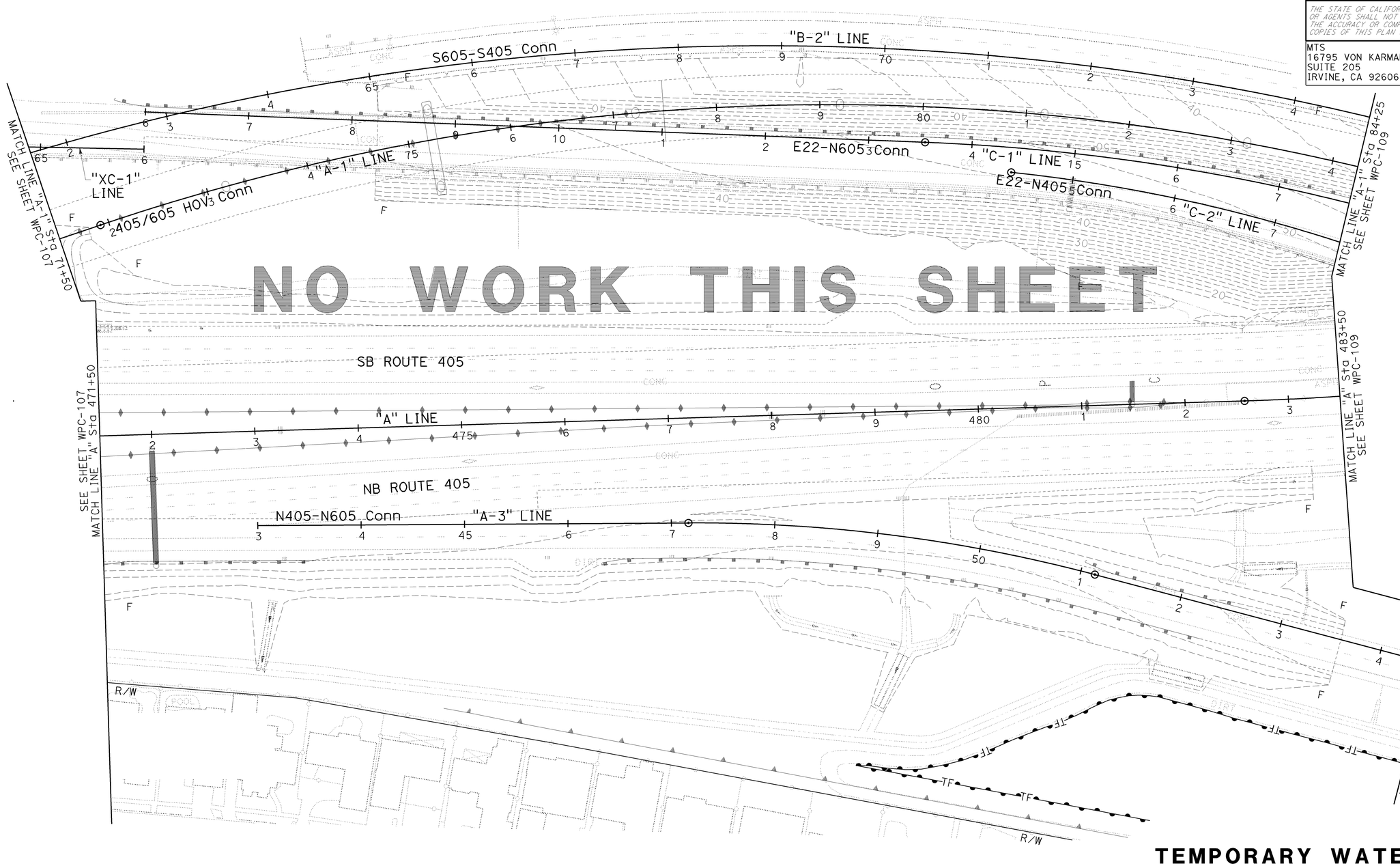
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3E)

SCALE: 1" = 50'

WPC-108

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	12/22/09

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

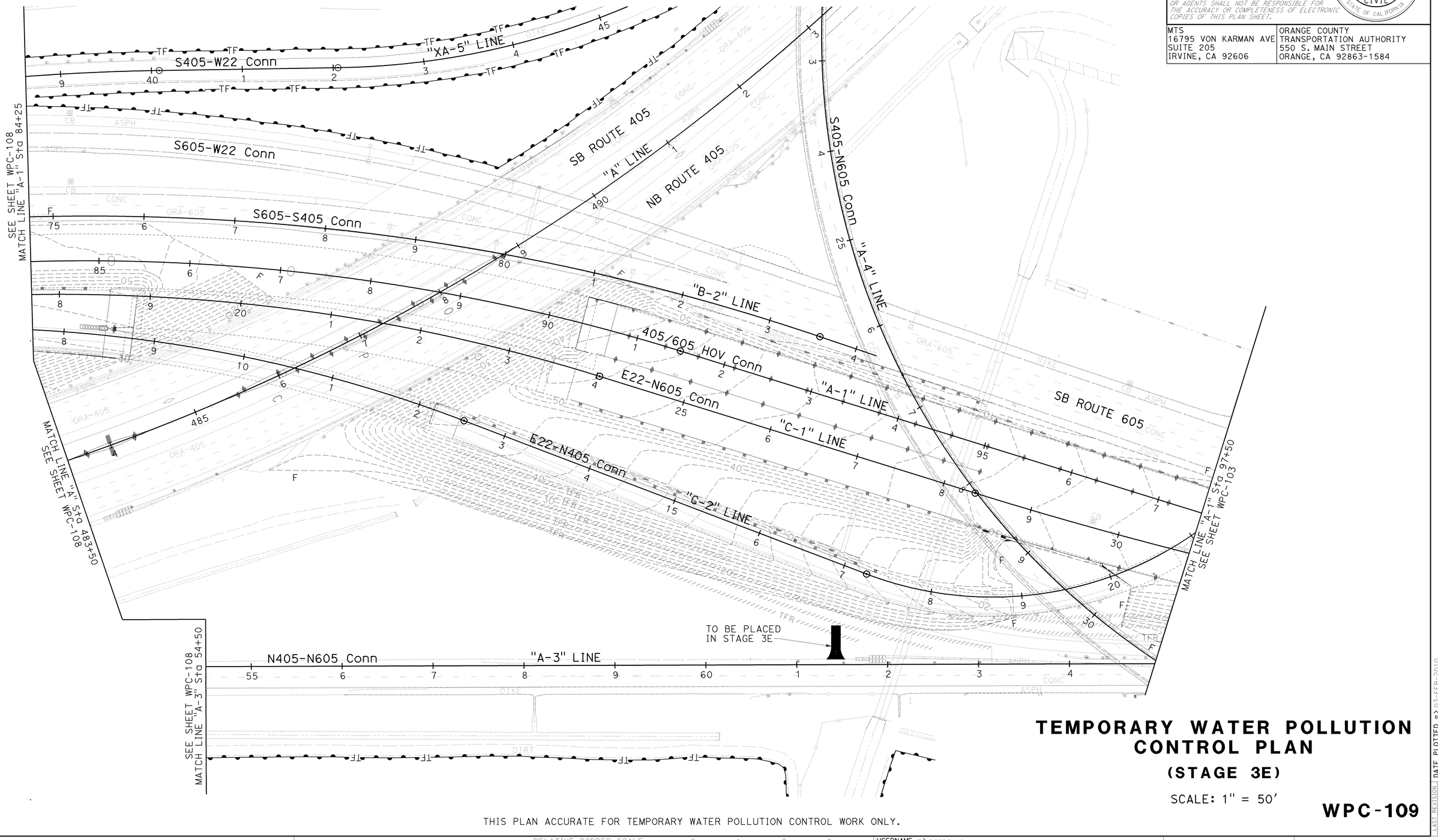
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
LAST REVISION TIME PLOTTED => 08:19
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c071163gb108.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	283	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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TRANSPORTATION AUTHORITY
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TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3E)

SCALE: 1" = 50'

WPC-109

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 08:19
08-10-09

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gb109.dgn | CU 12235 | EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	284	1929

REGISTERED CIVIL ENGINEER 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JULIET SU No. C56168 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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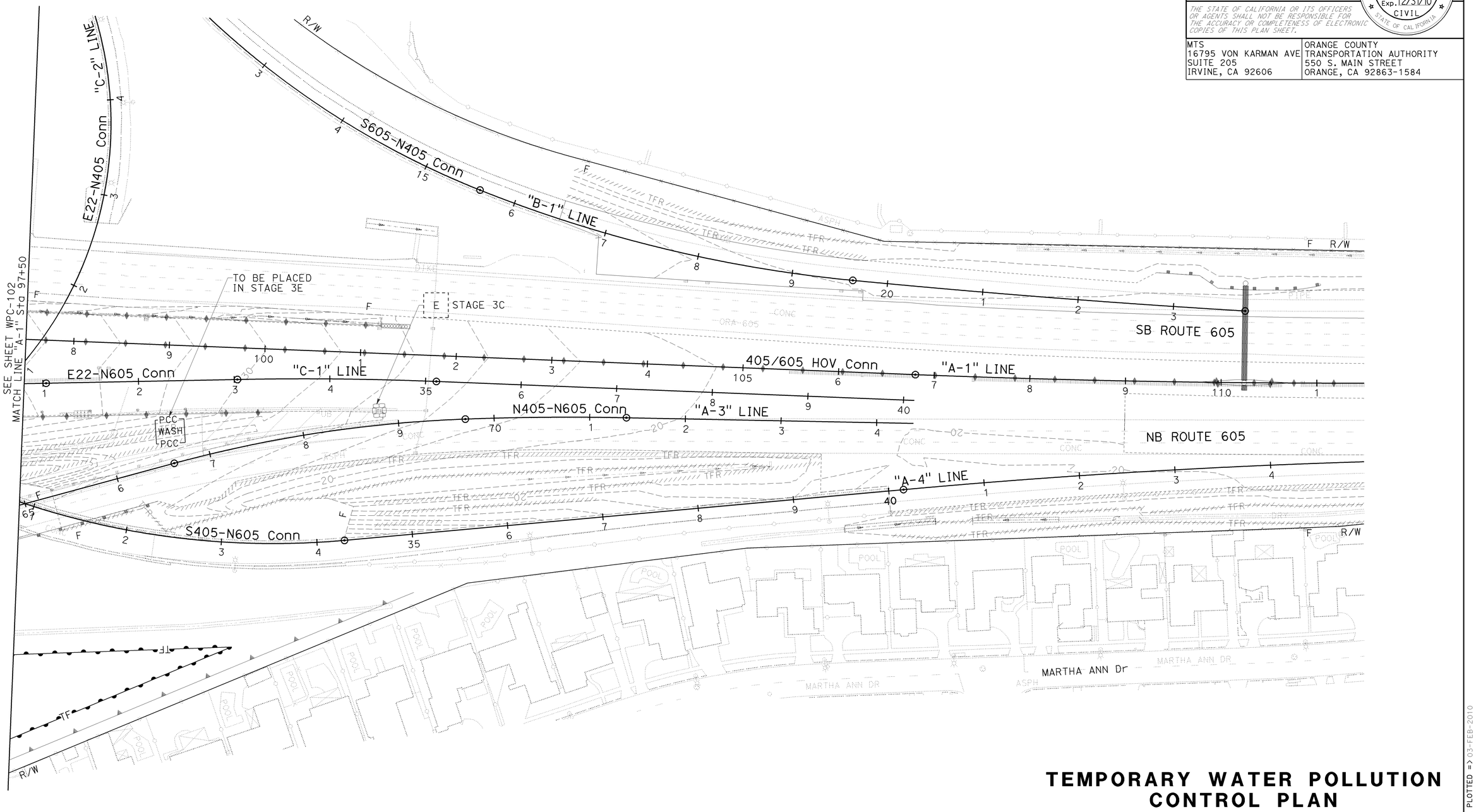
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

(STAGE 3E)

SCALE: 1" = 50'

WPC-110

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 08:20

BORDER LAST REVISED 8/1/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmnguye
DGN FILE => c07163gb110.dgn
CU 12235
EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	285	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
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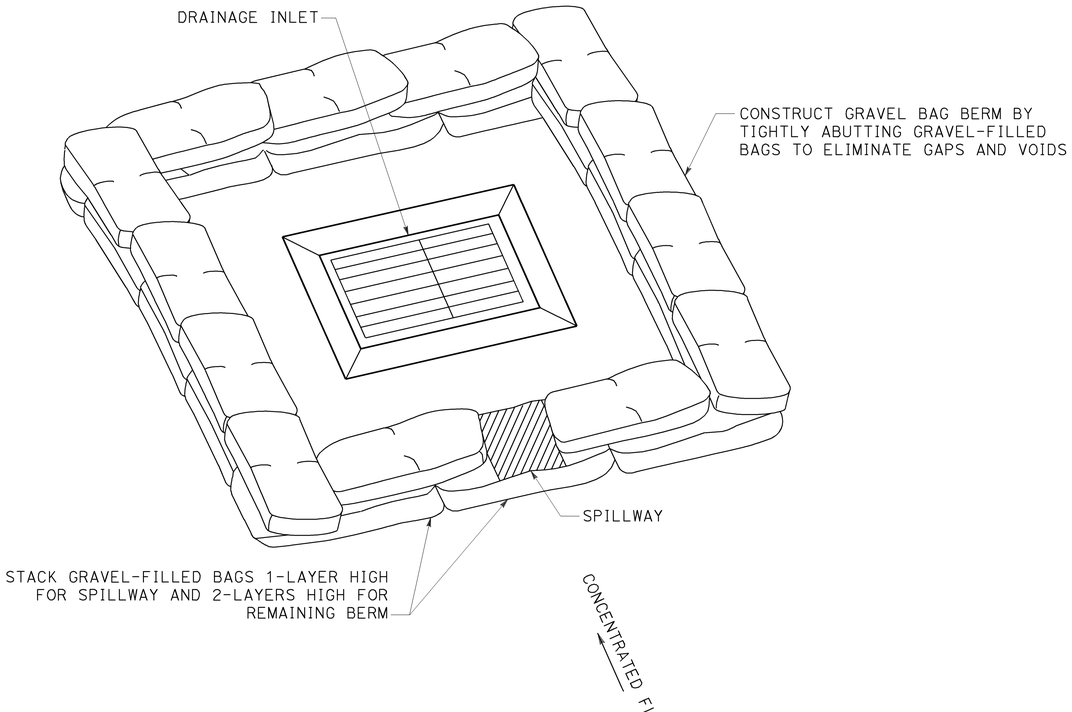
ORANGE, CA 92863-1584

NOTES:

1. PLACE SAFETY CONES ADJACENT TO DRAINAGE INLET PROTECTION.
2. DIMENSIONS MAY VARY TO FIT FIELD CONDITIONS.
3. SEE STANDARD PLAN T62 FOR DETAILS NOT SHOWN.



PERSPECTIVE

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3A) Mod

TEMPORARY WATER POLLUTION CONTROL DETAILS

NO SCALE

WPCD-1

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
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BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163gc001.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	286	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 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.

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16795 VON KARMAN AVE
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
1A	WPC-1	"A" 425+80	L†		1		
		"A" 426+50	L†			1	
		"A" 433+00	L†	1			
		"A" 428+35	R†		1		
		"A" 431+75	R†			1	
		"A" 432+40	R†	1			
		"A" 435+10	R†	1			
		"A" 435+35	R†	1			
	WPC-2	"A" 439+05	R†	1			
		"A" 441+60	R†	1			
		"A" 444+75	R†	1			
		"A" 444+85	R†	1			
		"A" 446+25	R†	1			
		"A" 445+80	L†		1		
		"A" 446+90 TO "A" 451+50	L†				889
		"C-3" 48+40	R†	1			
		"C-3" 43+55	L†	1			
		"C-3" 36+50 TO 42+18	L†				1,077
	WPC-3	"A" 451+50 TO "A" 458+50	L†				3,088
		"C-3" 33+00	R†			1	
		"C-3" 31+40	R†		1		
		"C-3" 35+55 TO "C-3" 36+50	R†				160
	WPC-4	"A" 466+90	L†		1		
		"A" 467+35	L†			1	
		"A" 458+50 TO "A" 462+63	L†				2,546
		"A" 463+85	R†	2			
		"A" 464+00	R†	2			
		"A" 464+50	R†	1			
		"A" 466+00	R†	1			
		"A" 468+50	R†	2			
		"A" 469+85	R†			1	
		"A" 464+33 TO "A" 468+98	R†				1,191
		"B-2" 57+30	L†		1		
		"B-2" 55+70	L†			1	
		"B-2" 56+29 TO "B-2" 59+99	R†				765
	WPC-5	"A" 471+59 TO "A" 482+55	L†				2,360
SUBTOTAL				19	6	6	12,076

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
1A	WPC-6	"A-3" 60+35	R†		1		
	WPC-7	"A-4" 34+63 TO "A-4" 39+31	L†				772
		"A-4" 39+00	R†	1			
		"A-4" 40+40	R†	1			
		"A-4" 40+00 TO "A-4" 45+00	R†				1,486
	WPC-8	"A-1" 111+60	R†	1			
		"B" 210+65 TO "B" 212+80	R†	43			
		"B" 212+90	R†	1			
		"B" 213+10	R†	1			
		"B" 213+70	R†	1			
		"B" 214+70	R†	1			
		"A-1" 111+50 TO "B" 215+50	R†				2,280
	WPC-9	"B" 215+80	R†	1			
		"B" 217+00	R†	1			
		"B" 218+60	R†	1			
		"B" 219+05	R†	1			
		"B" 220+50	R†	1			
		"B" 221+85	R†	1			
		"B" 222+80	R†			1	
		"B" 223+20	R†		1		
		"B" 215+50 TO "B" 222+50	R†				1,407
SUBTOTAL				56	2	1	5,945
SHEET TOTAL				75	8	7	18,021

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-1

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA
CHECKED BY	JULIET SU	DATE REVISED	12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye DGN FILE => c07163gd001.dgn | CU 12235 | EA 071631

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12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	287	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
1B.1	WPC-10	"A" 422+25	R†		1		
		"A" 423+05	R†			1	
	WPC-11	"A" 428+25	R†	1			
		"OR" 8+10	L†	1			
		"OR" 10+00	L†	1			
		"OR" 14+25	L†	1			
		"OR" 14+50	L†	1			
		"OR" 14+75	L†	1			
		"OR" 15+30	L†	1			
	WPC-12	"A" 443+00	R†	1			
		"A" 446+15	R†	1			
		"A" 448+10	R†		1		
		"A" 448+50	R†			1	
		"A" 450+85	R†			1	
		"A" 451+50	R†	1			
		"A" 444+65	L†	1			
		"A" 445+25	L†	1			
		"A" 445+60	L†	1			
		"A" 445+85	L†	1			
		"A" 446+15	L†	1			
		"A" 448+90	L†	1			
		"A" 450+78 TO "A" 451+50	L†				397
		"A" 451+50	L†	1			
		"A-2" 21+50 TO "A-2" 22+72	R†				596
		"A-2" 30+25	R†	1			
		"A-2" 31+51	R†	1			
		"A-2" 32+10	R†	1			
		"A-2" 32+45	R†	1			
		"A-2" 32+70	R†	1			
		"A-2" 32+90	R†	1			
		"A-2" 22+05	L†	1			
		"OR" 4+45	L†	1			
		SUBTOTAL		25	2	3	993

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
1B.1	WPC-13	"A" 451+75	R†		1		
		"A" 454+00	R†	1			
		"A" 454+10	R†	2			
		"A-2" 16+50 TO "A-2" 21+50	R†				1,566
		"A-2" 16+50 TO "A-2" 21+50	L†				3,887
		"A-2" 19+90	L†	1			
		"A-2" 21+00	L†	1			
	WPC-14	"A" 467+50	R†		1		
		"A" 468+85	R†			1	
		"A" 469+00 TO "A" 471+50	R†				500
		"A" 465+90	L†		1		
		SUBTOTAL		5	3	1	5,953
		SHEET TOTAL		30	5	4	6,946

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-2

REVISED BY	DATE REVISED
KLA	12/22/09

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CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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LAST REVISION | DATE PLOTTED => 03-FEB-2010
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12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	288	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
1B.1	WPC-15	"A" 471+50 TO "A-3" 53+62	R†				2,391
		"A" 472+30 TO "A" 476+96	L†				2,819
		"A-3" 43+30	R†	2			
		"A-3" 44+30	R†	1			
		"A-3" 45+00	R†			1	
		"A-3" 45+80	R†	1			
		"A-3" 47+00	R†	1			
		"A-3" 48+00	R†	2			
		"A-3" 48+45	R†			1	
		"A-3" 49+30	R†	1			
		"A-3" 49+90	R†	1			
		"A-3" 50+40	R†	1			
		"A-3" 50+85	R†	1			
		"A-3" 53+35	R†			1	
		"A-3" 53+62 TO "A-3" 54+50	R†				267
		"C-1" 13+65	R†		1		
		"C-1" 6+30	L†		1		
		"C-1" 8+05	L†			1	
	WPC-16	"A-3" 54+50 TO "A-3" 56+11	R†				417
		"A-3" 56+85	R†			1	
		"A-3" 57+60	R†		1		
		"A-3" 58+10	R†			1	
		"A-3" 62+70	R†			1	
		"A-3" 54+50 TO "A-3" 57+50	L†				938
	WPC-17	"A-3" 69+15	R†	1			
		"A-3" 65+20 TO "A-3" 68+13	L†				858
		"A-3" 69+30	L†	1			
		"A-4" 34+50	R†			1	
		"A-4" 44+20	L†			1	
		"A-4" 44+60	L†		1		
		"B-1" 16+30	L†		1		
		"B-1" 21+70	L†			1	
	WPC-18	"B" 212+90	L†	1			
SUBTOTAL				14	5	10	7,690

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
1B.1	WPC-20	"B" 234+50	L†			1	
		"B" 236+00	L†		1		
	WPC-21	"A-2" 10+00	R†	1			
		"A-2" 10+25	R†	2			
		"A-2" 10+55	R†	1			
		"A-2" 10+60	R†	1			
		"A-2" 11+00	R†	1			
		"A-2" 11+10	R†	1			
		"A-2" 11+80	R†	1			
		"A-2" 12+80	R†	1			
		"A-2" 15+50 TO "A-2" 16+50	R†				200
		"A-2" 10+00 TO "A-2" 16+50	L†				1,687
SUBTOTAL				9	1	1	1,887
SHEET TOTAL				23	6	11	9,577

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-3

LAST REVISION DATE PLOTTED => 03-FEB-2010
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KLA	12/22/09

KELSIE ANDERSON — CALCULATED-DESIGNED BY
JULIET SU — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
LEONARD SEQUEIRA

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Caltrans

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CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	289	1929

REGISTERED CIVIL ENGINEER — DATE: 12/22/09

2-1-10
PLANS APPROVAL DATE

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JULIET SU
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TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
1B.2 AND 1B.3	WPC-22	"A" 427+00 TO "A" 438+50	L†				2,300
		"OR" 4+98 TO "OR" 7+95	L†				825
	WPC-23	"A" 438+50 TO "C-3" 41+78	L†				889
		"A-2" 33+10 TO "A-2" 34+95	L†				675
		"C-3" 36+50 TO "C-3" 39+37	R†				461
	WPC-24	"C-3" 33+46 TO "C-3" 36+50	R†				523
	WPC-25	"A" 467+05	L†			1	
	WPC-26	"A" 479+20 TO "A" 479+30	R†	3			
		"A" 479+70 TO "A" 483+19	R†				828
		"A" 483+35	R†			1	
		"A" 475+35	L†			1	
		"A" 476+10	L†		1		
		"A-3" 49+65 TO "A-3" 53+60	L†				1,066
	WPC-27	"A" 483+80	R†		1		
	WPC-28	"A-1" 104+60	L†	1			
		"A-1" 106+00	L†	1			
		"A-1" 106+20	L†	1			636
		"A-3" 68+00 TO "A-3" 73+45	R†				1,010
		"B-1" 15+80	R†		1		
		"B-1" 16+25	R†			1	
		"B-1" 16+50 TO "B-1" 19+75	L†				636
1B.4, 1B.5 AND 2A	WPC-29	"A" 468+45	R†	1			
		"A" 469+00 TO "A" 471+50	R†				506
	WPC-30	"A" 471+50 TO "A-3" 53+65	R†				2,427
		"A-3" 43+25	R†	1			
		"A-3" 44+30	R†	1			
			SUBTOTAL	9	3	4	12,146

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
1B.4, 1B.5 AND 2A	WPC-30	"A-3" 45+80	R†	1			
		"A-3" 47+00	R†	1			
		"A-3" 48+00	R†	1			
		"A-3" 49+90	R†	1			
		"A-3" 50+40	R†	1			
		"A-3" 50+85	R†	1			
	WPC-31	"A-3" 62+76 TO "A-3" 63+71	R†				298
	WPC-32	"A-3" 65+30 TO "A-3" 67+95	R†				449
		"A-3" 68+80	L†	1			
		"A-3" 69+30	L†	1			
		"A-4" 42+75	L†			1	
		"A-4" 43+15	L†		1		
		"C-1" 31+90	R†		1		
	WPC-33	"XB-3" 50+00	L†		1		
		"XB-3" 50+50	L†			1	
	WPC-34	"XB-3" 62+45	L†	1			
		"XB-3" 62+80	L†	1			
		"XB-3" 63+15	L†	1			
		"XB-3" 61+75 TO "XB-3" 64+19	L†				723
	WPC-35	"XA-5" 34+50	L†			1	
		"XA-5" 41+85	L†		1		
			SUBTOTAL	11	4	3	1,470
			SHEET TOTAL	20	7	7	13,616

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-4

REVISED BY	DATE REVISED
KLA	12/22/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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JULIET SU
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ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
2B.1	WPC-36	"A" 395+30	R†			1	
		"A" 396+90	R†	1			
		"A" 395+30	L†			1	
	WPC-37	"A" 398+77	R†	1			
		"A" 405+45	R†	1			
		"SB-1" 42+30	R†	1			
		"SB-1" 43+20	R†	1			
		"SB-1" 44+85	R†	1			
		"SB-1" 46+60	L†	1			
	WPC-38	"A" 410+90	R†	1			
		"A" 416+55	R†			1	
		"A" 417+10	R†		1		
		"A" 417+50	R†	1			
		"A" 410+90	L†	1			
		"A" 411+25	L†		1		
		"A" 417+50	L†	1			
		"SB" 62+60	R†		1		
		"SB" 59+15	L†		1		
		"SB-1" 51+00	R†			1	
		"SB-2" 49+00	L†	1			
		"SB-2" 51+95	L†	1			
		"SB-4" 41+05	R†	1			
		"SB-5" 7+50	R†		1		
	WPC-40	"A" 438+10	L†		1		
	WPC-41	"A" 438+60	L†			1	
		"A" 446+45	L†	1			
		"C-3" 38+20	L†			1	
SUBTOTAL				15	6	6	

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
2B.1	WPC-42	"C-3" 36+40	L†		1		
	WPC-43	"A" 469+70 TO "A" 470+60	L†	18			
		"B-2" 57+75	R†			1	
		"B-2" 52+55 TO "B-2" 55+00	L†				1,217
		"B-2" 55+50	L†			1	
	WPC-44	"A" 471+70	L†	1			
		"A" 473+25	L†	2			
		"A" 478+00	L†	2			
		"A" 482+20	L†	1			
		"A" 482+50	L†	1			
	WPC-45	"A" 487+70	R†		1		
		"C-2" 13+10	L†			1	
	WPC-46	"SB-2" 57+85	L†			1	
		"SB" 40+90	R†		1		
2B.2	WPC-47	"A" 468+45	L†		1		
		"B-2" 55+00 TO "B-2" 60+30	L†				1,324
2B.3	WPC-48	"B-2" 50+25	R†		1		
		"B-2" 51+75	R†			1	
		"B-2" 56+05	R†	1			
		"B-2" 56+35	R†	1			
		"B-2" 56+70	R†	1			
SUBTOTAL				28	5	5	2,541
SHEET TOTAL				43	11	11	2,541

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-5

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 08:20
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BORDER LAST REVISED 8/1/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmnguye
DGN FILE => c07163gd005.dgn
CU 12235
EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	291	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
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.

MTS
16795 VON KARMAN AVE
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
2C	WPC-49	"A" 399+50	L†		1		
		"A" 399+85	L†			1	
	WPC-50	"A" 409+25	R†			1	
		"A" 409+60	R†		1		
		"SB" 59+95	R†	1			
		"SB-2" 49+70	R†	1			
		"SB-2" 50+15	R†	1			
		"SB-3" 35+00	R†		1		
	WPC-53	"A" 445+70	R†			1	
		"A" 444+70	L†		1		
	WPC-54	"A" 454+00	R†	1			
		"A" 454+10	R†	2			
		"A" 457+50	R†	1			
		"A" 452+05	L†	1			
		"A" 452+55	L†	1			
		"A" 453+00	L†	2			
		"A" 454+00	L†	2			
		"A" 454+10	L†	1			
		"A" 454+50	L†	1			
		"A" 457+50	L†	2			
		SUBTOTAL		17	4	3	

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
2C	WPC-55	"A" 460+75	R†	1			
		"A" 463+55	R†	1			
		"A" 463+80	R†	1			
		"A" 463+95	R†	1			
		"A" 464+30	R†	1			
		"A" 466+35	R†			1	
		"A" 466+85	R†		1		
		"A" 468+50	R†	1			
		"A" 460+75	L†	2			
		"A" 463+80	L†	1			
		"A" 463+95	L†	1			
		"A"468+05 TO "A" 469+55	L†	31			
		"A" 471+25	L†		1		
		"B-2" 59+35	R†			1	
	WPC-56	"A" 483+35	L†		1		
	WPC-57	"A" 484+30	R†			1	
		"A" 486+80	R†	1			
		"A" 488+50	R†			1	
		"A" 489+30	R†		1		
		"A" 486+80	L†	1			
	WPC-58	"SB" 44+95	L†		1		
		"SB" 45+80	L†			1	
		SUBTOTAL		43	5	5	
		SHEET TOTAL		60	9	8	

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-6

REVISED BY	KLA
DATE REVISED	12/22/09
CALCULATED-DESIGNED BY	KELSIE ANDERSON
CHECKED BY	JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 03-FEB-2010
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08-10-09

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CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	292	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
2D	WPC-59	"SB-1" 45+35	Rt		1		
		"SB-1" 46+00	Rt			1	
	WPC-60	"SB" 48+50 TO "SB" 50+40	Lt				190
		"SB" 54+50 TO "SB" 57+25	Lt				940
	WPC-61	"A" 422+40	Rt			1	
		"A" 424+35	Rt		1		
		"SB-3" 37+75 TO "SB-3" 38+95	Lt				403
	WPC-66	"A" 480+00	Lt			1	
		"A" 481+05	Lt		1		
		"C-1" 8+25 TO "A" 483+50	Rt				4,129
	WPC-67	"A" 490+90	Rt		1		
		"A" 491+30	Rt			1	
		"A" 483+50 TO "A" 484+25	Lt				200
		"C-2" 12+55 TO "A-3" 18+67	Rt				2,174
		"C-2" 12+60	Rt	1			
		"C-2" 15+30	Rt	1			
		"C-2" 15+50	Rt	1			
		"C-2" 18+20 TO "A-1" 97+50	Rt				581
	WPC-68	"A-1" 97+50 TO "A-3" 66+75	Lt				516
		"A-3" 68+80	Lt	1			
		"A-3" 69+15	Lt		1		
		"C-1" 33+30	Rt			1	
		"C-1" 35+05	Rt	1			
	WPC-69	"SB" 42+80 TO "SB" 48+50	Lt				1,332
SUBTOTAL				5	5	5	10,465
SHEET TOTAL				5	5	5	10,465

CALCULATED-DESIGNED BY	REVISED BY	DATE REVISED
CHECKED BY	KLA	12/22/09
KELSIE ANDERSON		
JULIET SU		

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-7

LAST REVISION DATE PLOTTED => 03-FEB-2010
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08-10-09

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	293	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
3A	WPC-70	"SB-1" 45+05	R†			1	
		"SB-1" 46+20	R†		1		
	WPC-71	"A" 411+25	L†		1		
		"A" 412+25	L†			1	
		"SB-3" 31+20 TO "SB-3" 34+40	R†				511
		"SB-3" 35+00	R†		1		
		"SB-3" 35+35	R†			1	
		"SB-5" 8+40	R†	1			
		"SB-5" 8+75	R†			1	
		"SB-5" 9+40	R†		1		
	WPC-72	"A" 420+40	L†	1			
		"A" 421+30	L†	1			
		"A" 422+69	L†	1			
		"A" 423+00 TO "A" 423+25	L†	7			
		"A" 425+00	L†	1			
		"SB-3" 37+85 TO "A" 425+50	L†				1,530
		"SB-3" 37+60	L†	1			
		"SB-3" 38+55	L†	1			
		"SB-3" 39+00 TO "SB-3" 39+50	L†	11			
		"SB-3" 39+95	L†	1			
	WPC-73	"A" 425+50 TO "A" 427+00	L†				300
		"A" 427+55	L†			1	
		"A" 429+25	L†		1		
	WPC-74	"SB" 44+55	R†		1		
SUBTOTAL				26	6	5	2,341

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
3B	WPC-75	"A" 406+15	R†			1	
		"A" 406+60	R†		1		
	WPC-76	"A" 416+30	R†			1	
		"A" 416+95	R†		1		
		"SB-3" 30+10	L†			1	
	WPC-83	"A" 487+00	L†	1			
		"A" 487+25	L†	1			
		"A" 487+50	L†	1			
		"A-1" 95+10	L†		1		
		"B-2" 75+40	R†		1		
	WPC-84	"SB" 44+70	R†		1		
		"SB" 45+15	R†			1	
SUBTOTAL				3	5	4	
SHEET TOTAL				29	11	9	2,341

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-8

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	12/22/09

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 08-10-09
DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 08:21

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163gd008.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	294	1929

REGISTERED CIVIL ENGINEER — DATE 12/22/09

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
3C	WPC-85	"A" 398+75	R†	1			
		"A" 402+00	R†	1			
		"A" 405+15	R†	1			
		"A" 398+75	L†	1			
		"A" 400+75	L†			1	
		"A" 402+00	L†	1			
		"A" 405+15	L†	1			
	WPC-86	"A" 409+00	R†	1			
		"A" 410+90	R†	1			
		"A" 417+50	R†	1			
		"A" 409+00	L†	1			
		"A" 410+90	L†	1			
		"A" 417+50	L†	1			
		"SB" 48+50 TO "SB" 51+55	R†				2,050
		"SB" 50+50	R†	1			
		"SB" 56+05 TO "SB-5" 9+15	R†				1,737
		"SB" 58+85	R†			1	
		"SB" 59+15	R†		1		
		"SB-3" 35+10	L†			1	
		"SB-5" 5+85	R†	2			
		"SB-5" 8+40	R†	2			
	WPC-87	"A" 420+75	R†	2			
		"A" 424+00	R†	2			
		"A" 424+30	R†	2			
		"A" 424+55	R†	2			
	WPC-88	"A" 428+25	R†	2			
		"A" 432+25	R†	2			
SUBTOTAL				29	1	3	3,787

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
3C	WPC-89	"A" 439+35	R†	1			
		"A" 439+65	R†	1			
		"A" 440+00	R†	1			
		"A" 443+00	R†	1			
		"A" 446+15	R†	1			
		"A" 447+90	R†	1			
		"A" 448+90	R†	1			
		"A" 451+50	R†	1			
		"A" 445+25	L†	1			
		"A" 446+15	L†	1			
		"A" 447+90	L†	1			
		"A" 449+15	L†	1			
		"A" 451+50	L†	1			
	WPC-92	"A" 473+25	R†	1			
		"A" 478+00	R†	1			
		"A" 478+50	R†	1			
		"A" 480+35 TO "A" 481+50	R†	21			
		"A" 481+50 TO "A" 482+50	R†	21			
		"A" 473+25	L†	1			
		"A" 478+00	L†	1			
		"A" 478+50	L†	1			
		"B-2" 67+45	R†			1	
		"B-2" 70+20	R†		1		
SUBTOTAL				61	1	1	
SHEET TOTAL				90	2	4	3,787

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-9

CALCULATED-DESIGNED BY	KELSIE ANDERSON	REVISED BY	KLA		
CHECKED BY	JULIET SU	DATE REVISED	12/22/09		
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA				
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans				

LAST REVISION DATE PLOTTED => 03-FEB-2010
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BORDER LAST REVISED 8/1/2008

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USERNAME => trmnguye
DGN FILE => c07163gd009.dgn

CU 12235

EA 071631

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
3C	WPC-93	"A" 484+20	R†		1		
		"A" 484+90	R†			1	
		"A" 488+55	R†			1	
		"A" 489+30	R†		1		
		"A-1" 91+50	R†	1			
		"A-1" 94+85	R†	1			
		"A-1" 91+00	L†	1			
		"A-1" 91+65	L†	1			
		"A-1" 94+85	L†	1			
		"B-2" 82+90	R†		1		
		"B-2" 83+40	R†			1	
		"C-1" 27+60 TO "A-1" 97+50	L†	65			
	WPC-94	"A-1" 97+50 TO "C-1" 31+70	R†	18			
		"A-1" 105+50 TO "A-1" 106+85	R†	27			
		"A-1" 107+40 TO "A-1" 110+65	R†	65			
		"A-1" 110+85 TO "A-1" 111+50	R†	13			
		"A-1" 98+75	L†	1			
		"A-1" 101+20	L†	2			
		"A-1" 101+75	L†	2			
		"A-1" 106+00	L†	1			
		"A-1" 106+25	L†	1			
		"A-1" 107+40	L†	1			
		"A-1" 108+30	L†	1			
		"A-1" 108+75	L†	1			
		"A-1" 109+75	L†	1			
		"A-1" 110+65	L†	1			
		"A-3" 68+80	L†	1			
		"A-3" 69+30	L†	1			
		"C-1" 31+60	L†	1			
		"C-1" 31+70	L†	1			
	WPC-95	"A-1" 111+50 TO "A-1" 114+60	R†	63			
		"A-1" 115+20 TO "B" 210+40	R†	35			
		"B" 212+95	R†	1			
		"B" 212+80	L†	1			
	WPC-96	"B" 223+15	R†			1	
		"B" 224+80	R†		1		
	WPC-98	"SB" 45+50	R†		1		
		"SB" 46+55 TO "SB" 48+50	R†				553
		"SB" 46+90	R†	1			
		SUBTOTAL		310	5	4	553

TEMPORARY EROSION CONTROL QUANTITIES

STAGE	TEMPORARY SOIL BINDER	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)
	SQYD	EA
1A	86,787	
1B	44,809	6
2A	2,207	
2B	52,959	6
2C	21,598	
2D	23,785	1
3A	8,468	1
3B	24,681	3
3C	31,720	1
3D	14,114	
3E	563	
TOTAL	311,690	18

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

STAGE	SHEET No.	STATION	LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY CONCRETE WASHOUT BIN	TEMPORARY FIBER ROLL
				EA	EA	EA	LF
3D	WPC-99	"A" 406+55	R†		1		
		"A" 406+80	R†	1			
		"A" 407+80	R†			1	
	WPC-100	"SB-4" 41+75	R†	1			
		"SB-4" 42+25	R†	1			
		"SB-4" 42+75	R†	1			
		"SB-4" 43+15	R†	1			
		"SB-4" 43+00 TO "SB-4" 45+20	R†				1,021
	WPC-101	"A" 424+75	R†			1	
		"A" 425+15	R†		1		
3E	WPC-102	"A" 411+50	MEDIAN			1	
		"A" 417+50	R†	1			
		"A" 417+50	L†	1			
		"A" 420+75	R†	1			
	WPC-103	"A" 420+75	L†	1			
		"A" 423+20	MEDIAN			1	
	WPC-109	"A-3" 61+45	L†		1		
	WPC-110	"A-3" 66+65	L†			1	
		SUBTOTAL		9	3	5	1,574
		SHEET TOTAL		319	8	9	1,574
		GRAND TOTAL		694	72	75	68,868

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	295	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-10

REVISED BY: KLA | DATE REVISED: 12/22/09
CALCULATED-DESIGNED BY: KELSIE ANDERSON | CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Gutans

LAST REVISION 08-10-09 | DATE PLOTTED => 03-FEB-2010 | TIME PLOTTED => 08:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	296	1929

REGISTERED CIVIL ENGINEER — 8/10/09 DATE

JULIET SU No. C56168 Exp.12/31/10 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

2-1-10
PLANS APPROVAL DATE

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MTS
16795 VON KARMAN AVE
SUITE 205
IRVINE, CA 92606

ORANGE COUNTY
TRANSPORTATION AUTHORITY
550 S. MAIN STREET
ORANGE, CA 92863-1584

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

LEGEND

EROSION CONTROL (BONDED FIBER MATRIX) - SLOPES STEEPER THAN 4:1

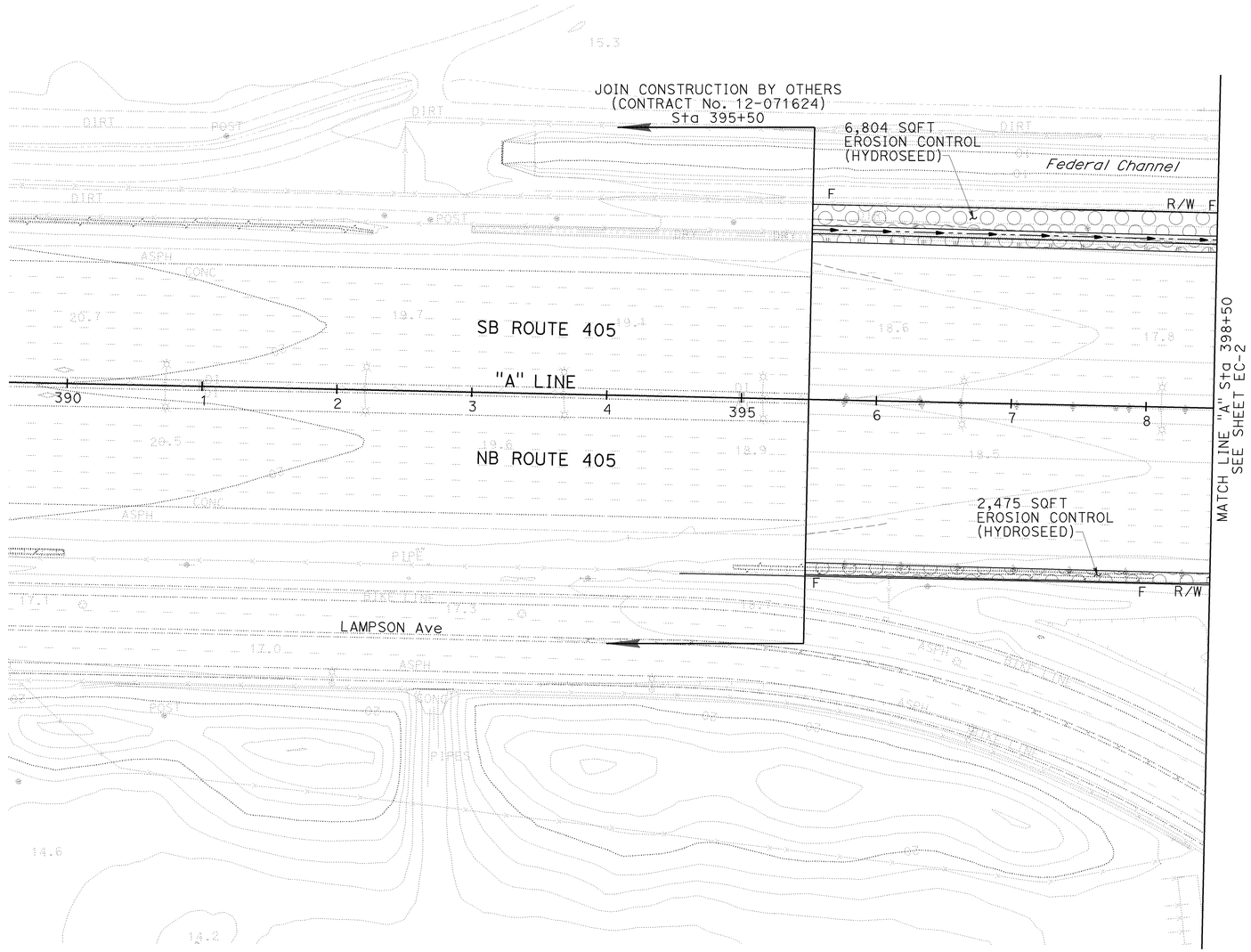
EROSION CONTROL (HYDROSEED) - SLOPES 4:1 OR FLATTER

TF TEMPORARY FENCE

FINAL CONTOURS

ABBREVIATION

SQFT SQUARE FOOT



THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY.

EROSION CONTROL PLAN

SCALE: 1" = 50'

EC-1

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KELSIE ANDERSON	JULIET SU	KLA	8/10/09

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

LAST REVISION DATE PLOTTED => 03-FEB-2010
LAST REVISION TIME PLOTTED => 08:21
08-10-09

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163ge001.dgn

CU 12235

EA 071631

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	297	1929

REGISTERED CIVIL ENGINEER — 8/10/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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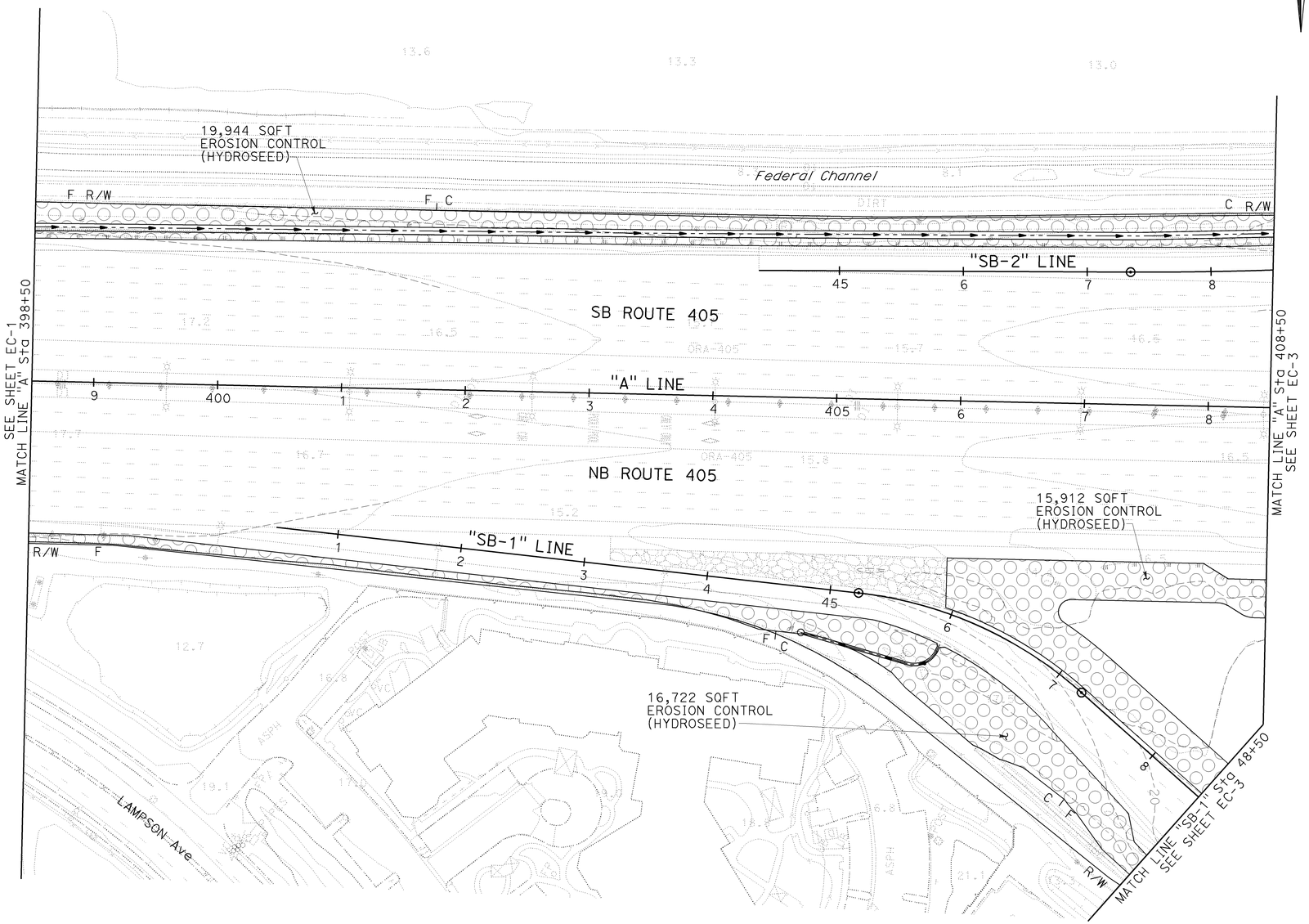
NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



EROSION CONTROL PLAN

SCALE: 1" = 50'

EC-2

THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY.

REVISED BY	KLA	8/10/09
DATE REVISED		
CALCULATED-DESIGNED BY	KELSIE ANDERSON	
CHECKED BY	JULIET SU	
CONSULTANT FUNCTIONAL SUPERVISOR	LEONARD SEQUEIRA	
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans	

LAST REVISION DATE PLOTTED => 03-FEB-2010
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BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c07163ge002.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	298	1929

REGISTERED CIVIL ENGINEER — 8/10/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
STATE OF CALIFORNIA

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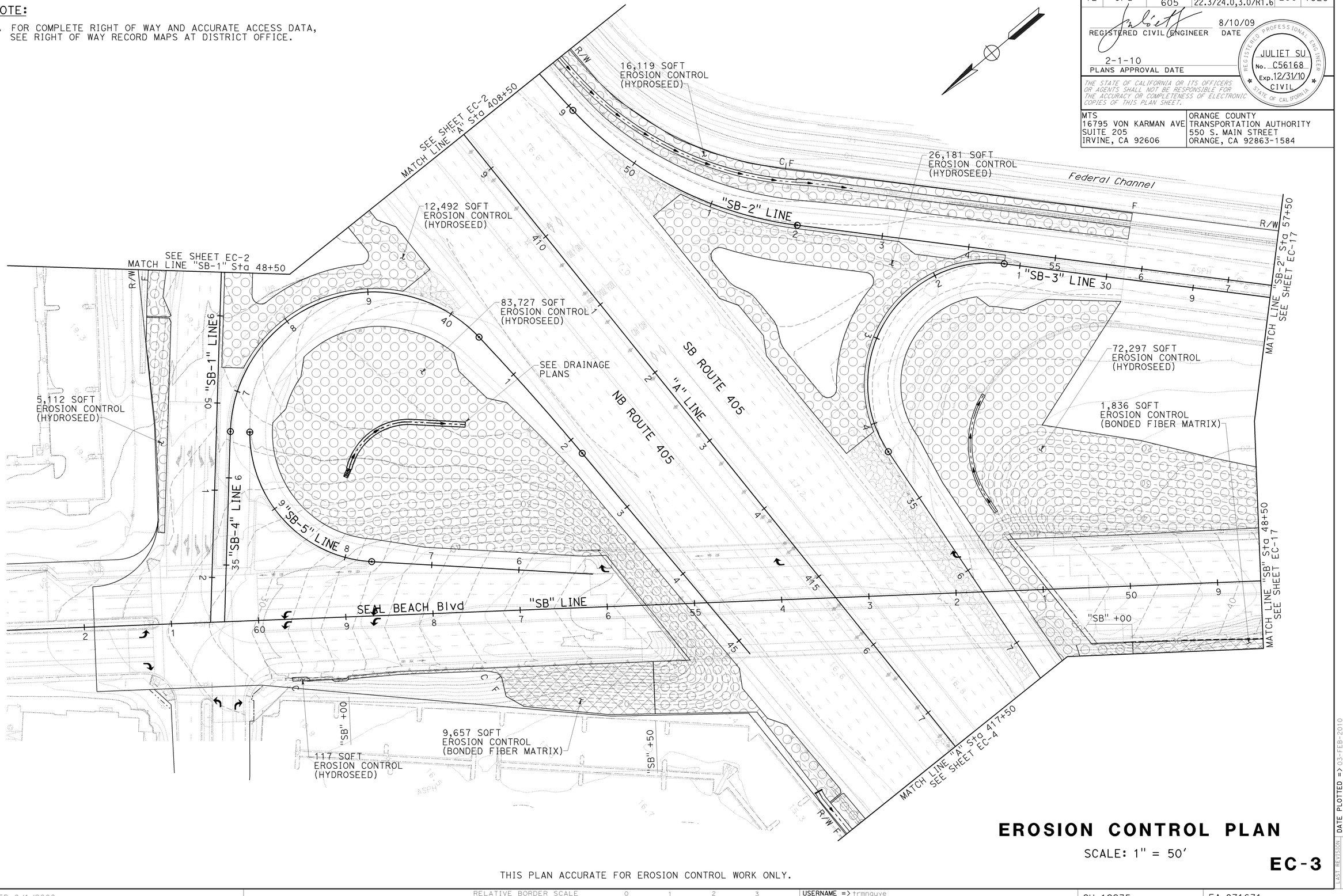

EROSION CONTROL PLAN

SCALE: 1" = 50'

EC-3

THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY.

	REVISED BY	DATE REVISED
	KLA	8/10/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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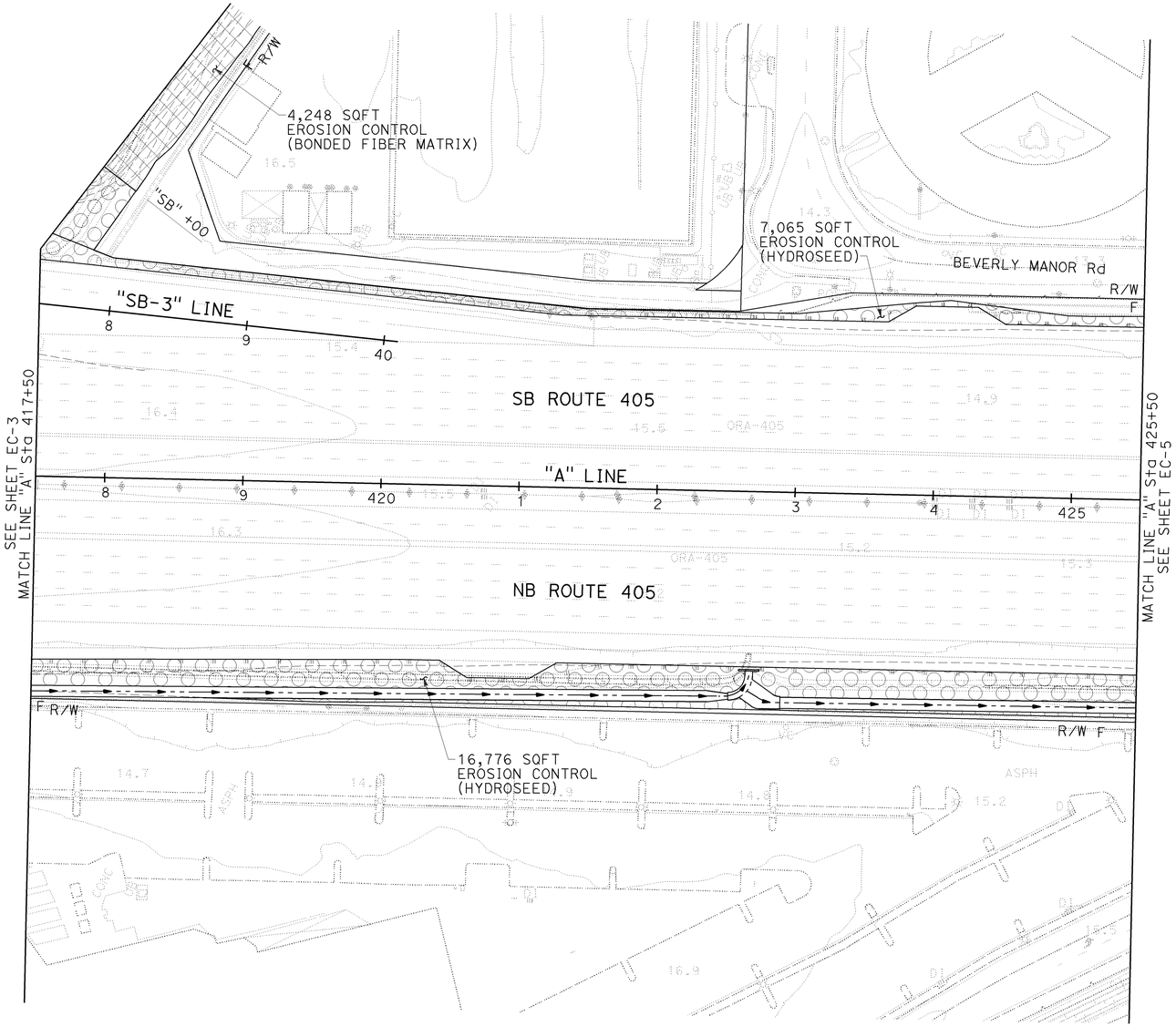
LAST REVISION | DATE PLOTTED => 03-FEB-2010
08-10-09 | TIME PLOTTED => 08:21

BORDER LAST REVISED 8/1/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trmnguye | DGN FILE => c07163ge003.dgn | CU 12235 | EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



EROSION CONTROL PLAN

SCALE: 1" = 50'

EC-4

THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	299	1929

REGISTERED CIVIL ENGINEER — 8/10/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JULIET SU
No. C56168
Exp.12/31/10
CIVIL
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REVISED BY	DATE REVISED
KLA	8/10/09

CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU

CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 03-FEB-2010 08-10-09 TIME PLOTTED => 08:21

BORDER LAST REVISED 8/1/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trmnguye
DGN FILE => c07163ge004.dgn

CU 12235

EA 071631

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	22,405, 605	R0.3/R0.9, 22.3/24.0,3.0/R1.6	300	1929

REGISTERED CIVIL ENGINEER — 12/22/09 DATE

2-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — JULIET SU No. C56168 Exp.12/31/10 CIVIL — STATE OF CALIFORNIA

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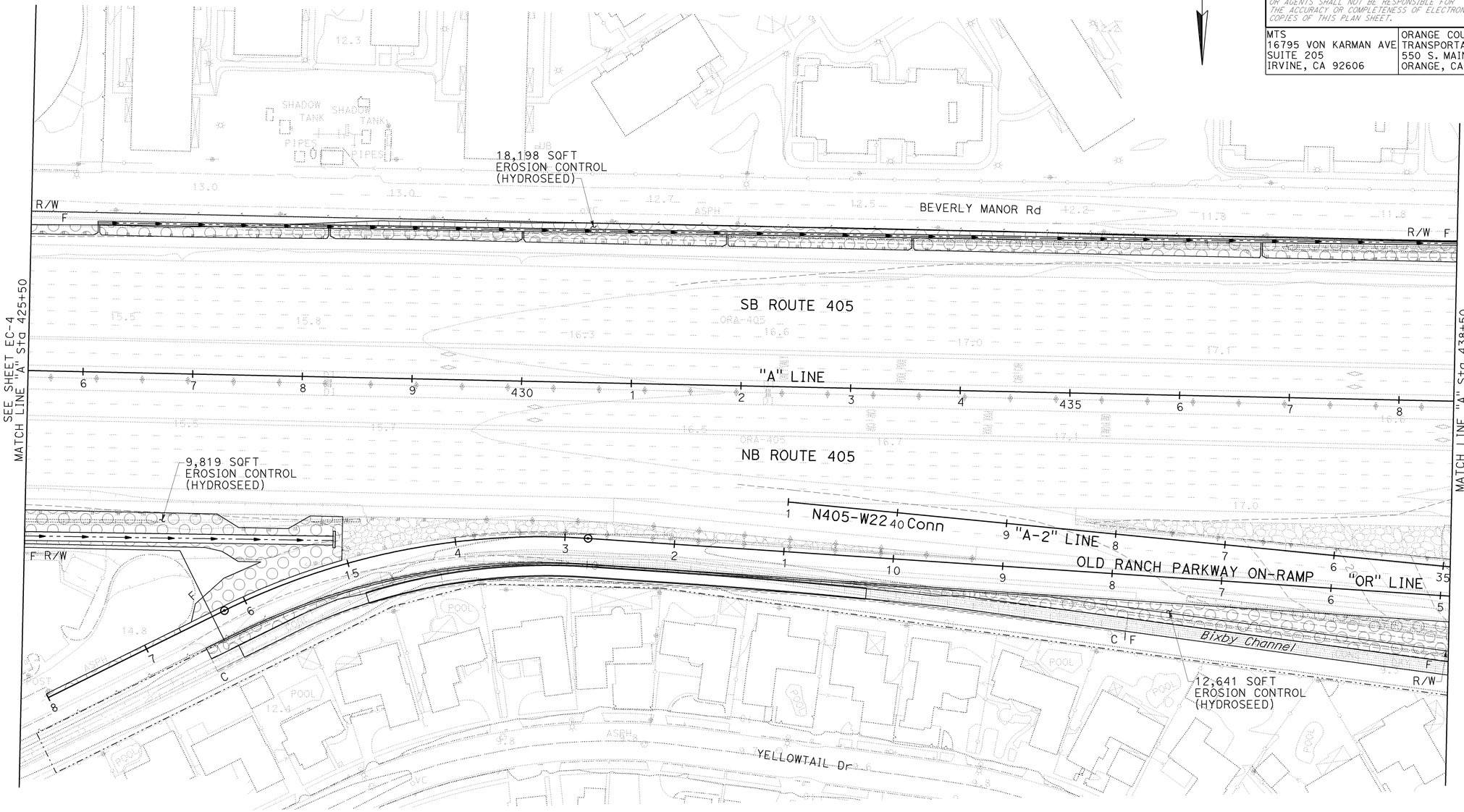

EROSION CONTROL PLAN

SCALE: 1" = 50'

EC-5

THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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CONSULTANT FUNCTIONAL SUPERVISOR: LEONARD SEQUEIRA
CALCULATED-DESIGNED BY: KELSIE ANDERSON
CHECKED BY: JULIET SU
REVISED BY: KLA
DATE REVISED: 12/22/09

LAST REVISION DATE PLOTTED => 03-FEB-2010
TIME PLOTTED => 08:21
08-10-09

BORDER LAST REVISED 8/1/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmnguye
DGN FILE => c071163ge005.dgn
CU 12235
EA 071631