

Attachment B

Agreement to Pay Acquisition Costs

**AGREEMENT TO PAY AQUISITION COSTS
(PDS2021-LDPIIP-60114 IMPROVEMENTS)**

This agreement ("Agreement") is entered by and between CH REALTY X-ELC I OTAY MESA BUSINESS PARK L.P., A DELAWARE LIMITED PARTNERSHIP ("Owner") and the County of San Diego, a political subdivision of the State of California ("County") on the date when it is fully executed by all parties (individually referred to as a "Party" and collectively referred to as "Parties").

RECITALS:

WHEREAS, on April 4, 2023, Owner and County entered into the Joint Agreement to Improve Major Subdivision County of San Diego Tract No. 5505-1 ("Improvement Agreement"), which requires Owner to complete certain improvements ("Subdivision Improvements"), including offsite improvements ("Offsite Improvements"), as shown in Exhibit A.

WHEREAS, pursuant to Section 81.405(c) of the San Diego County Subdivision Ordinance, on March 24, 2025, the Director of Planning and Development Services extended the time to complete the Subdivision Improvements pursuant to the Improvement Agreement to April 4, 2027.

WHEREAS, the Improvement Agreement was amended on March 24, 2025 to extend the completion date for the Subdivision Improvements to April 4, 2027 and to allow the County to acquire property to facilitate the completion of the Offsite Improvements in accordance with the Improvement Agreement.

WHEREAS, the Improvement Agreement requires the Offsite Improvements to be completed upon certain property (the "Property") currently owned by the State of California Department of Transportation ("CalTrans"), as shown in Exhibit B.

WHEREAS, Owner has made good faith efforts to acquire sufficient title or interest in the Property to allow the Offsite Improvements to be made, but has been unable to obtain such title or interest from CalTrans.

WHEREAS, CalTrans is willing to enter into negotiations to sell the Property directly to County.

WHEREAS, to facilitate the completion of the Offsite Improvements, County is willing to enter into good faith negotiations with CalTrans to purchase the Property in accordance with the Improvement Agreement as amended, and the terms and conditions stated herein;

WHEREAS, County requires Owner to reimburse County for all costs of acquiring the Property.

NOW, THEREFORE, the Parties agree as follows:

1. Incorporation by Reference. The above Recitals and Exhibits A and B are hereby incorporated by reference herein.
2. Discretionary Acquisition. By entering into this Agreement, County has elected to enter into good faith negotiations with CalTrans to purchase the Property. Notwithstanding the foregoing, this Agreement in no way requires County to acquire the Property. County, at County's sole discretion, can choose to cease negotiations and abandon the acquisition at any time, provided that County shall notify Owner in writing that negotiations to acquire the Property have

irrevocably ceased. Subject to Section 3.2 below, Owner shall be required to reimburse County for all costs incurred up until the date that County so notifies Owner.

3. Costs. Subject to Section 3.2 below, Owner agrees to pay all costs incurred by County in acquiring the Property including, but not limited to, the full appraised value of the Property, as determined by Caltrans, costs of real property acquisition, attorneys' fees, documentation and recordation fees, preparation of maps, services by County, engineering, appraisal fees, and any other fees or costs incurred by County in connection with the acquisition of the Property. Without limiting the generality of the foregoing, payment shall be as follows:

3.1 Property Costs. Owner shall pay County the full appraised value of the Property as determined by Caltrans, within 30 days of written demand by County. Payment shall be provided in a lump sum to County. County shall not commence negotiations with Caltrans until such payment is provided.

3.2 Other Costs. As of the date of the Parties' execution of this Agreement, Owner has approximately \$500,000 in County Trust Account No. 2208766-D-09233 (the "Trust Account"). County shall withdraw costs required by the Improvement Agreement, as amended, and this Reimbursement Agreement (collectively referred to as "the Agreements") from the Trust Account. If the deposited funds do not cover County's costs, as provided for in the Agreements, County may make written demand to Owner for an additional deposit (each, an "Additional Deposit"). If Owner questions a demand for an Additional Deposit, County will meet with Owner as soon as practicable to resolve the questions. Owner shall deposit additional funding as needed to satisfy its obligations under the Agreements within 30 days of the later of receiving a written demand for payment from the County or the resolution of any questions raised by Developer regarding a demand for an Additional Deposit. Any refunds due to Owner under both the terms of the Agreements and the San Diego County Code of Administrative Ordinances section 362(b)(7) will be provided in accordance with section 362(b)(7).

4. Reserved.

5. Reserved.

6. Binding on Successors and Assigns. All of the conditions, covenants and terms contained herein shall apply to and bind, and the benefits shall inure to, the Parties and to their heirs, executors, administrators, successors and assigns.

7. Authority and Capacity. Each Party and each Party's signator(ies) each warrant and represent that each has full authority and capacity to enter into this Agreement.

8. Entire Agreement; Prior Agreements. Excepting the Improvement Agreement as amended on _____, which shall remain in effect, this Agreement is the entire agreement between the Parties regarding Owner's obligation to pay County's costs, should County choose to acquire the Property. Excepting the Improvement Agreement as amended, this Agreement supersedes any prior agreements between the Parties regarding Owner's obligation to pay such costs.

9. Negotiated Agreement. This Agreement has been arrived at through negotiation between the Parties. Neither Party is to be deemed the party which prepared this contract within the meaning of California Civil Code section 1654.

10. Independent Advice. Each Party hereby represents and warrants that in executing this Agreement it does so with full knowledge of the rights and duties it may have with respect to the other. Each Party also represents and warrants that it has received independent legal advice from its attorney with respect to the matters set forth in this Agreement and the rights and duties arising out of this Agreement, or that such Party willingly foregoes any such consultation.

11. Severability. Should any provision herein be found or deemed to be invalid, this Agreement shall be construed as not containing such provision, and all other provisions which are otherwise lawful shall remain in full force and effect. To this end, the provisions of this contract are declared to be severable.

12. Materiality. The Parties consider each and every term, covenant, and provision of this Agreement to be material and reasonable.

13. Counterparts. This Agreement may be executed in any number of counterparts, each of which so executed shall be deemed to be an original. The counterparts shall together constitute one agreement.

14. Survival. The provisions of this Agreement necessary to carry out the intention of the Parties as expressed herein shall survive the termination or expiration of this Agreement.

[Remainder of page intentionally left blank; signatures continue on following page.]

COUNTY OF SAN DIEGO

APPROVED AS TO FORM AND LEGALITY
COUNTY COUNSEL

By: _____
Clerk of the Board of Supervisors

By: _____
Senior Deputy

CERTIFICATE OF ACKNOWLEDGEMENT OF NOTARY PUBLIC

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF _____)

COUNTY OF _____)

ON _____, 20__ BEFORE ME, _____,

A NOTARY PUBLIC, PERSONALLY APPEARED _____,
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S)
WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO
ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES),
AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE
ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THIS INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT
THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL

SIGNATURE _____
PLEASE PRINT
NAME: _____

MY PRINCIPAL PLACE OF BUSINESS IS IN _____

MY COMMISSION EXPIRES _____, 20__,

MY COMMISSION NO. IS _____

OWNER

CH REALTY X-ELC I OTAY MESA BUSINESS PARK L.P., A DELAWARE LIMITED PARTNERSHIP, as
Owner

By: ELC OTAY BUSINESS PARK GP, LLC., A DELAWARE LIMITED LIABILITY COMPANY, ITS
GENERAL PARTNER

By: 
Brig Black, Managing Member

CERTIFICATE OF ACKNOWLEDGEMENT OF NOTARY PUBLIC

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE
IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS
ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF California)

COUNTY OF San Diego)

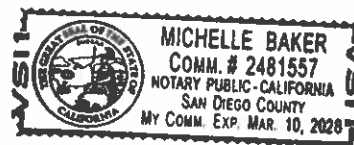
ON March 27, 2025 BEFORE ME, Michelle Baker

A NOTARY PUBLIC, PERSONALLY APPEARED Brig Black, WHO PROVED TO ME ON THE BASIS OF
SATISFACTORY EVIDENCE TO BE THE PERSON(~~S~~) WHOSE NAME(~~S~~) IS/~~ARE~~ SUBSCRIBED TO THE
WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/~~SHE~~/~~THEY~~ EXECUTED THE SAME IN
HIS/~~HER~~/~~THEIR~~ AUTHORIZED CAPACITY(~~IES~~), AND THAT BY HIS/~~HER~~/~~THEIR~~ SIGNATURE(~~S~~) ON
THE INSTRUMENT THE PERSON(~~S~~), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(~~S~~)
ACTED, EXECUTED THIS INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT
THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL

SIGNATURE Michelle Baker
PLEASE PRINT
NAME: Michelle Baker



MY PRINCIPAL PLACE OF BUSINESS IS IN County of San Diego

MY COMMISSION EXPIRES March 10, 2028,

MY COMMISSION NO. IS 2481557

Exhibit A

Improvement Plans

GENERAL NOTES (IMPROVEMENT):

[illegible][illegible]

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PROJECT: D132-0905
PERMIT: DEV-22-009

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— CITY AREA ROAD, EAST SIDE
RECORD PRICE: \$93.14
ELEVATION: 125.00

[illegible]

12/1/2022	12/1/2022
12/1/2022	12/1/2022

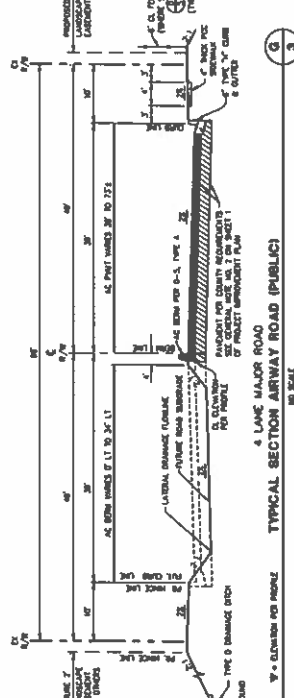
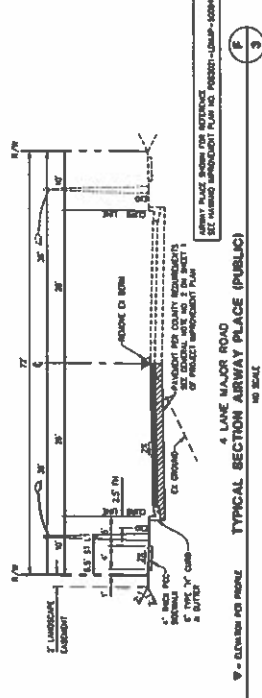
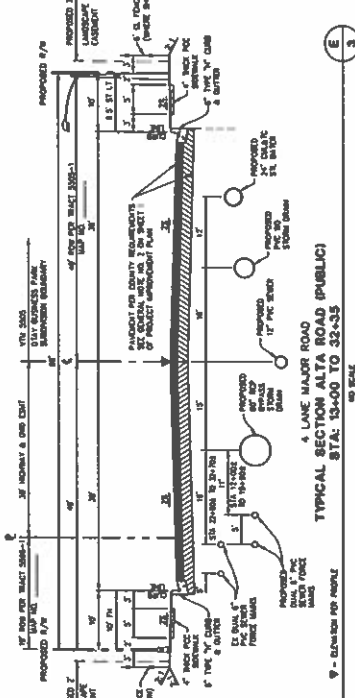
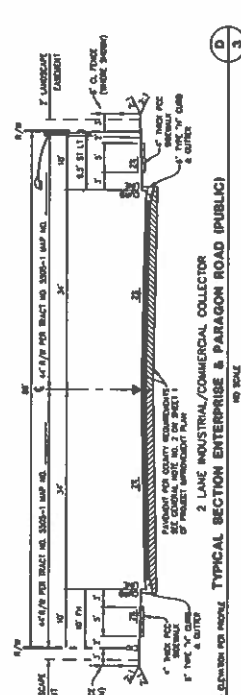
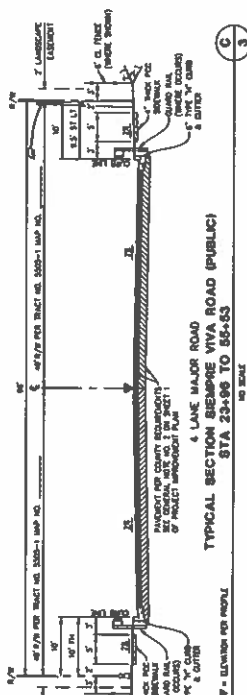
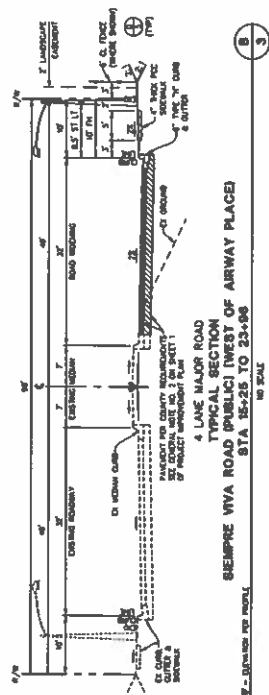
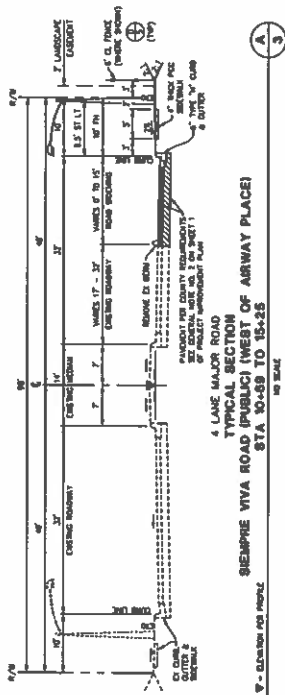
SIGNATURE	DATE
NOTARY & ADDRESS	4377
PRINTED NAME	LICENSE NO.
REGISTRATION EXPIRATION	CITY
	COUNTY

Mr. Duane Kerner
c/o January 9, 1972
17th Street, C-2

APPROVED BY: Alan Davis For
ALAN DAVIS, COUNTY FIRE MARSHAL
 DATE: 1/11/2017

B-8





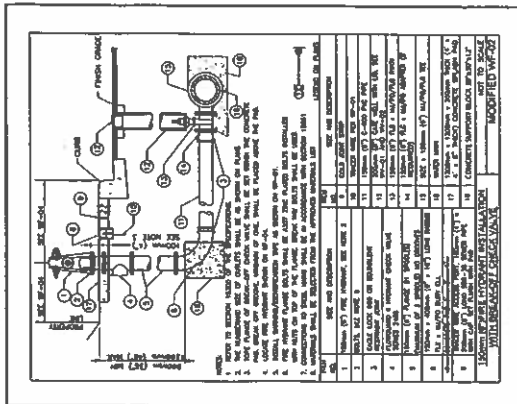
PRIVATE CONTRACT

PROJECT NO. 0113-000574
 COUNTY OF SAN DIEGO
 DEPARTMENT OF PUBLIC WORKS
 COUNTY OF SAN DIEGO
 CALIFORNIA
 PROJECT: 0113-000574
 OWD FORM: DEC-22-009

RECORD PLAN	O.W.D. "AS-BUILT"	OTAY WATER DISTRICT	OTAY WATER DISTRICT REVISIONS	COUNTY APPROVED CHANGES	BENCH MARK
PROJECT NO. 0113-000574 SHEET NO. 43711 DATE 01/11/11 REGISTERED ENGINEER	PROJECT NO. 0113-000574 SHEET NO. 43711 DATE 01/11/11 REGISTERED ENGINEER	PROJECT NO. 0113-000574 SHEET NO. 43711 DATE 01/11/11 REGISTERED ENGINEER	PROJECT NO. 0113-000574 SHEET NO. 43711 DATE 01/11/11 REGISTERED ENGINEER	PROJECT NO. 0113-000574 SHEET NO. 43711 DATE 01/11/11 REGISTERED ENGINEER	PROJECT NO. 0113-000574 SHEET NO. 43711 DATE 01/11/11 REGISTERED ENGINEER

[illegible]

THE NEWLY ELECTED SENATOR FROM ILLINOIS, SEN. JAMES H. HARRIS, HAS BEEN ELECTED TO THE SENATE OF THE UNITED STATES. SEN. HARRIS, A MEMBER OF THE ILLINOIS LEGISLATURE, WAS ELECTED TO THE SENATE OF THE UNITED STATES IN 1964. SEN. HARRIS, A MEMBER OF THE ILLINOIS LEGISLATURE, WAS ELECTED TO THE SENATE OF THE UNITED STATES IN 1964.



MODIFIED WF-02 DETAIL



PRIVATE CONTRACT	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	PROJECT # 13 P-131	WEIR # 1022 & 2114S FOR ALTA ROAD & BISMARCK VIVA ROAD OTAY MESSAGE PARK, A NAVAJO SUBDIVISION COUNTY OF SAN DIEGO, MESSER & BROS CALIFORNIA, COORDINATE NO. 13B-1791	CONTRACT NO. 13B-1791 DATE 7/1/83	PROJECT NO. 13B-1791 DATE 7/1/83
				WEIR # 1022 & 2114S FOR ALTA ROAD & BISMARCK VIVA ROAD OTAY MESSAGE PARK, A NAVAJO SUBDIVISION COUNTY OF SAN DIEGO, MESSER & BROS CALIFORNIA, COORDINATE NO. 13B-1791	PROJECT NO. 13B-1791 DATE 7/1/83

[illegible]

- [illegible]

[illegible]

OTAY WATER DISTRICT

PROJECT NO. 0112-00034
PURCHASE NO. 0112-72-000

P. 1. 012

10/10/03

Carroll

O.W.D., "AS-BUILT"	
ADDRESS NAME	GATE
ROBERT E. COOMBS	6377
PURVIS RD WADSWORTH	LUXEMBURG MO.
	6548
	OWD
	RECEIVED AND

RECORD PLAN	DATE
WILLIAM R. GEORGE	
ACC 43713	

**STEVENS
CRESTO
ENGINEERS**

3665 Chesapeake Dr., Ste 200
San Diego, CA 92123
619.594.4466 444-4466 www.scei.com

627	COUNTY OF SAN DIEGO	627	
1578	DEPARTMENT OF PUBLIC WORKS	1578	
GRADING PLAN NOTES FOR: ALTA RODEO & SIEMPRE VIVA ROADS OTAY BUSINESS PARK, A HAWAII SUPERVISED COUNTY OF SAN DIEGO TRACTS 8805 & 8308 CALIFORNIA COORDINATE MOX 1.38-1791			
PREPARED FOR:		DATE: 1/17/91	
PREPARED BY:		PROJECT NO.:	
CHECKED BY:		DRAWING NO.:	
APPROVED BY:		SCALE:	

K
 THE NEW YORK UNIVERSITY
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 100 100 100 100
 100 100 100 100

4927
3. 0.5 IN. WIDE BY 12 IN. LONG
1 SET TO TOP OF 4914

DATE: 1-29-81, PT. NO. _____

DECISION:
LOCAL WORK:
CLAY WORK:

Administrative	
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with	
without	

	DATE
SECOND YEAR	

204

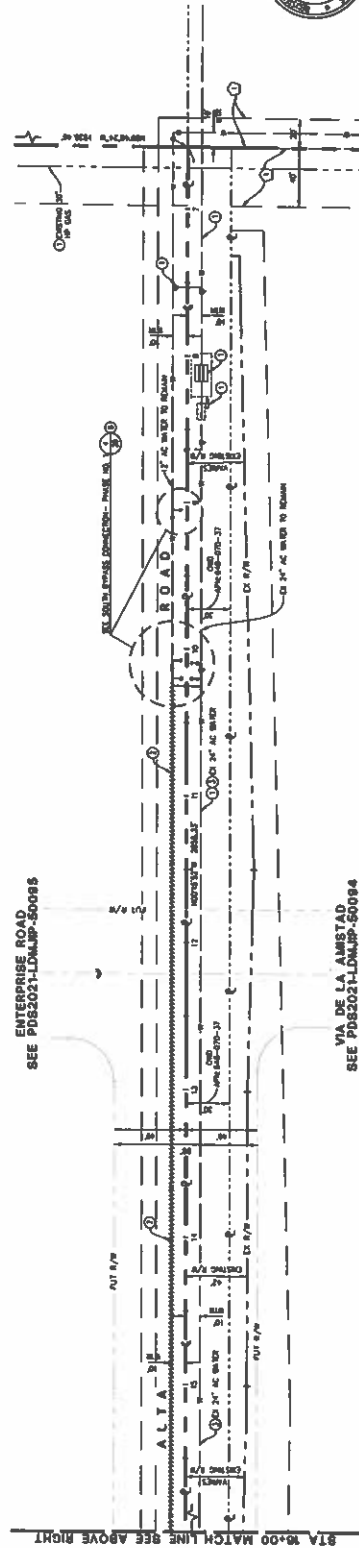
Stevens
CRESTO
954-494-5660



MASSACHUSETTS

1. THE PROPOSED SUBDIVISION OF THE LAND DESCRIBED IN THE STATE SUBDIVISION MAP ACT AND THE SUBDIVISION ORDINANCE OF THE SAND COUNTY BOARD OF SUPERVISORS IS NECESSARY TO SECURE THE PROPOSED INDUSTRIAL DEVELOPMENT BECAUSE IT PROVIDES THE PROPOSED INDUSTRIAL DEVELOPMENT WITH THE PROPOSED SUBDIVISION OF THE SAND COUNTY BOARD OF SUPERVISORS.
2. THE TENTATIVE USE MAP IS CONSISTENT WITH THE ZONING ORDINANCE BECAUSE IT PROVIDES AN INDUSTRIAL USE WITH A MINIMUM NET LOT SIZE OF 20,000 SQ. FT.
3. THE DESIGN AND PROVISIONS OF THE PROPOSED SUBDIVISION ARE CONSISTENT WITH ALL APPLICABLE ORDINANCES OF THE SAND COUNTY BOARD OF SUPERVISORS AND THE SUBDIVISION ORDINANCE OF THE SAND COUNTY BOARD OF SUPERVISORS.
4. THE SITE IS PHYSICALLY SUITABLE FOR THE INDUSTRIAL TYPE OF DEVELOPMENT BECAUSE IT IS LOCATED IN AN INDUSTRIAL ZONE AND THE SITE IS DESIGNATED FOR INDUSTRIAL DEVELOPMENT.
5. THE SITE IS PHYSICALLY SUITABLE FOR THE PROPOSED QUANTITY OF DEVELOPMENT BECAUSE THE

[illegible][illegible]



ATTACHMENT B

0 20 40 60 80 100
SCALE: 1"=40'

PRIVATE CONTRACT

DATE: 12
COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS

SUBMITTER: VISION FOR VISION
ALTA ROAD & SIEMPRE VIVA ROAD
OTAY BUSINESS PARK & HAVARD ROAD
COUNTY OF SAN DIEGO TRACTS 8860 &
8861
CALIFORNIA DOCUMENT NO. 128-178

DATE: 12/1/2011
COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS

DATE: 12/1/2011
COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS

[illegible]

NOT FOR CONSTRUCTION

OWN PROJECT: 01132-090574
OWN PERMIT: DEV-22-009

CENTERLINE DATA			
NO.	GRADE	DATA	REMARKS
1	10.00	10.00	10.00
2	10.00	10.00	10.00
3	10.00	10.00	10.00

EXISTING EASEMENT NOTES

① THIS SHEET IS FOR EXISTING EASEMENT NOTES

PHASE 1 WATER MAIN SEQUENCING

1. CONSTRUCT SECTION OF 40' STORM DRAIN SIX SHEETS 25-31.
2. CONSTRUCT 18" 24' AND 30' STORM DRAIN SYSTEM SIX SHEETS 25-31
3. FORMULA PAVEMENT 1 SHEET
4. CONSTRUCT 24" STORM DRAIN MAIN SIX SHEETS 25-31.

CONSTRUCTION NOTES

- ① INSTALL A PLYWOOD SHEATH OR EQUIVALENT APPROXIMATE TO THE THICKNESS OF THE COUNTRY CEMENT.
- ② CONSTRUCT 24" ACP WALLS FOR CURB 18-24" TO BE USED AS SPALLS DURING CONSTRUCTION OF NEW 36" CALSATIC STEEL BRIDGE WALLS. CURB NEW WATER MAIN IS COLD WATER.
- ③ CONSTRUCTION TO REMOVE 24" ACP WATER TO LEAKS 9-10 CM ON WATER BOARD SHEET. SEE WATER NOTE A SHEET 4.
- ④ CONSTRUCT 24" CALSATIC WATER LINE 902 SHEETS 29-31.

OTAY WATER DISTRICT CONNECTION NOTES:

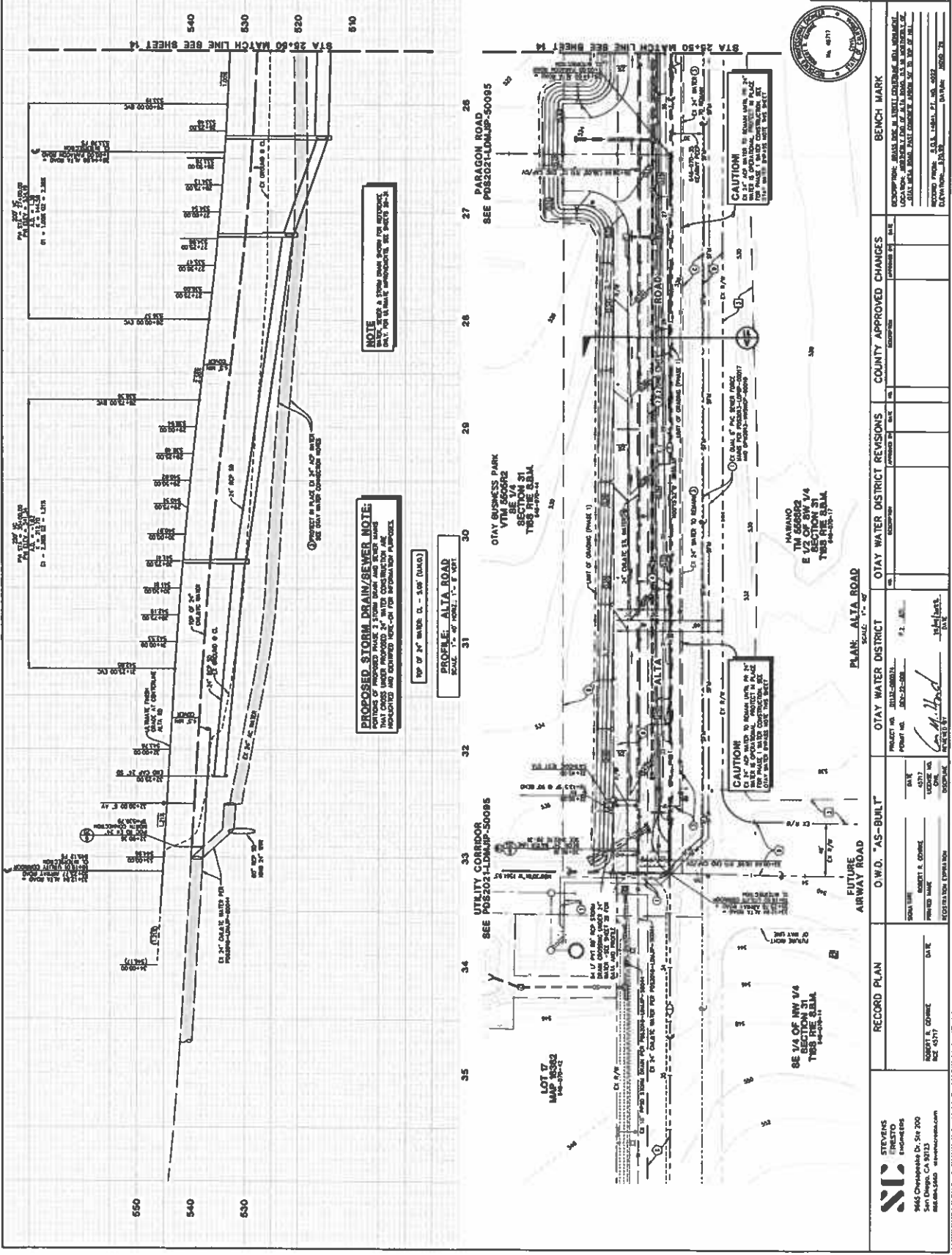
- A. CONTRACTOR TO FURNISH ALL WORK AND PROCEED WITH THE WORK AS ORDERED. CONTRACTOR TO COMPLETE EACH WORK ORDER WITHIN THE SPECIFIED TIME FRAME. CONTRACTOR TO RETURN TO THE OFFICE OF THE CHIEF OF POLICE, 1000 N. 1ST ST., 1ST FLOOR, PHOENIX, AZ 85004, WITHIN THE SPECIFIED TIME FRAME. CONTRACTOR TO BE RESPONSIBLE FOR THE COST OF THE WORK ORDER.
- B. CONTRACTOR TO FURNISH ALL WORK AND PROCEED WITH THE WORK AS ORDERED. CONTRACTOR TO COMPLETE EACH WORK ORDER WITHIN THE SPECIFIED TIME FRAME. CONTRACTOR TO RETURN TO THE OFFICE OF THE CHIEF OF POLICE, 1000 N. 1ST ST., 1ST FLOOR, PHOENIX, AZ 85004, WITHIN THE SPECIFIED TIME FRAME. CONTRACTOR TO BE RESPONSIBLE FOR THE COST OF THE WORK ORDER.
- C. CONTRACTOR TO FURNISH ALL WORK AND PROCEED WITH THE WORK AS ORDERED. CONTRACTOR TO COMPLETE EACH WORK ORDER WITHIN THE SPECIFIED TIME FRAME. CONTRACTOR TO RETURN TO THE OFFICE OF THE CHIEF OF POLICE, 1000 N. 1ST ST., 1ST FLOOR, PHOENIX, AZ 85004, WITHIN THE SPECIFIED TIME FRAME. CONTRACTOR TO BE RESPONSIBLE FOR THE COST OF THE WORK ORDER.

SHUTDOWN NOTE

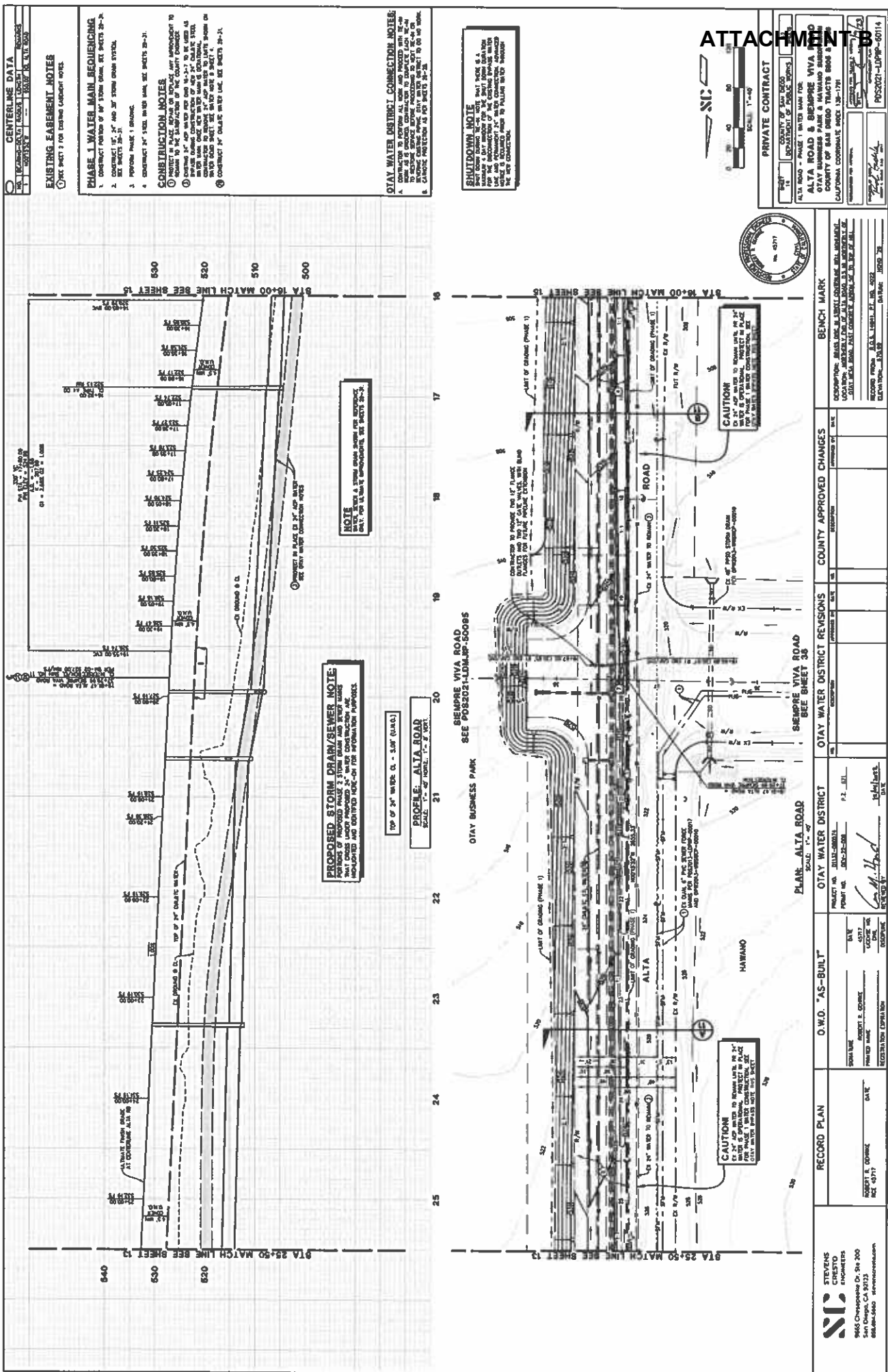
[illegible]

Age Group	No (%)
18-24	20
25-34	25
35-44	20
45-54	20
55-64	20
65+	20

PRIVATE CONTRACT

[illegible]

STEVENS ENGINEERING 9665 Chesapeake Dr. Ste 200 San Diego, CA 92123 616-654-5566 stevenseng.com	RECORD PLAN DESIGNED BY: <u>DAVE</u> CHECKED BY: <u>DAVE</u> PROJECT NO: <u>45717</u>		O.W.D. "AS-BUILT" DRAWN BY: <u>DAVE</u> DESIGNED BY: <u>DAVE</u> CHECKED BY: <u>DAVE</u> PROJECT NO: <u>2012-00012</u>		OTAY WATER DISTRICT PROJECT NO: <u>2012-00012</u> FUNDING NO: <u>2012-00012</u> DATE: <u>12/1/12</u> BY: <u>DAVE</u>		OTAY WATER DISTRICT REMISSIONS REMISSION NO: <u>101</u> DATE: <u>12/1/12</u> BY: <u>DAVE</u>		COUNTY APPROVED CHANGES APPROVED BY: <u>DAVE</u> DATE: <u>12/1/12</u> BY: <u>DAVE</u>		BENCH MARK ELEVATION: <u>100.00</u> LOCATION: <u>100.00</u> RECORD NO: <u>100.00</u> DATE: <u>12/1/12</u> BY: <u>DAVE</u>	
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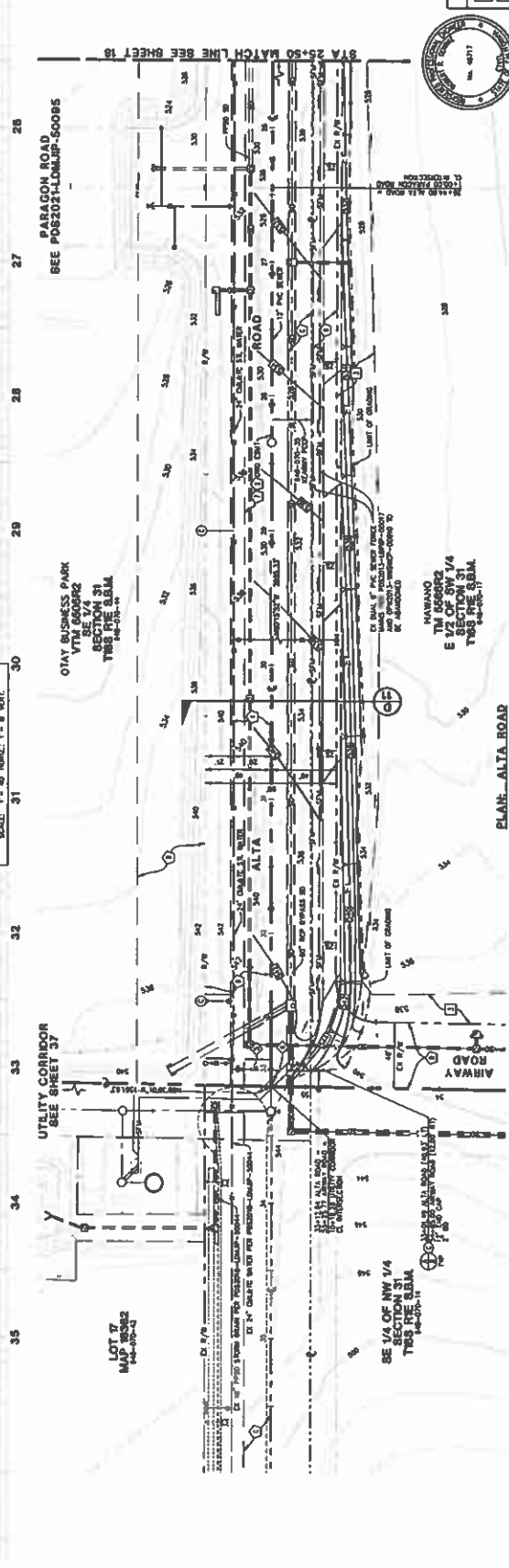
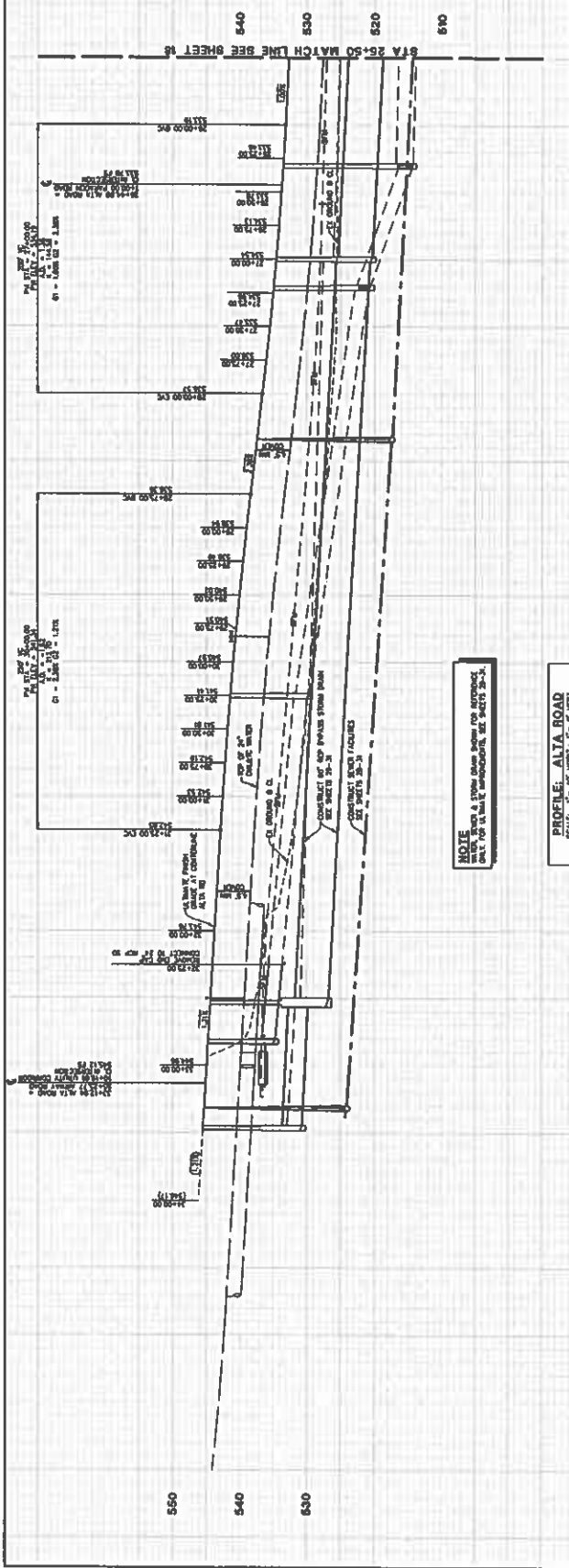




B-23

[illegible]

SHEET 17	CITY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS	DATE 08/26/93
PRIVATE CONTRACT		
ALTA ROAD - PHASE II GRADING FOR FLYTA ROAD & BENDING FOR OTAY RANCH PARK & HAVASCO RESERVE PROJECT NO. 9300-0000 CALIFORNIA COORDINATE ZONE 13N-17W		
APPROVED BY THE CITY ENGINEER: 		PROJECT NO. - LUPR - 00114
APPROVED BY THE OWNER:  P&G Corp.		DND PROJECT: 01132--000576 DND PERMIT DEV-22--009



 STEVENS CONSULTANTS ENGINEERS 9444 Chesapeake Dr. Ste 200 San Diego, CA 92133 602 964-6460 www.stevens.com	RECORD PLAN		O.W.D. "AS-BUILT"		OTAY WATER DISTRICT		OTAY WATER DISTRICT REVISIONS		COUNTY APPROVED CHANGES		BENCH MARK	
	SHEET NO. _____ DATE _____ PROJECT NO. _____ DESIGNER'S NAME _____ REVISIONS		SHEET NO. _____ DATE _____ PROJECT NO. _____ DESIGNER'S NAME _____ REVISIONS		PROJECT NO. _____ DATE _____ FOLDER NO. _____							

CENTERLINE DATA

STATIONING: 10+00 TO 10+00

DATE: 10/13/13

PROJECT: 10+00 TO 10+00

SCALE: 1"=40'

EXISTING EASEMENT NOTES

1. CONTRACT NO. 10+00 TO 10+00

2. CONTRACT NO. 10+00 TO 10+00

3. CONTRACT NO. 10+00 TO 10+00

4. CONTRACT NO. 10+00 TO 10+00

5. CONTRACT NO. 10+00 TO 10+00

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95. CONTRACT NO. 10+00 TO 10+00

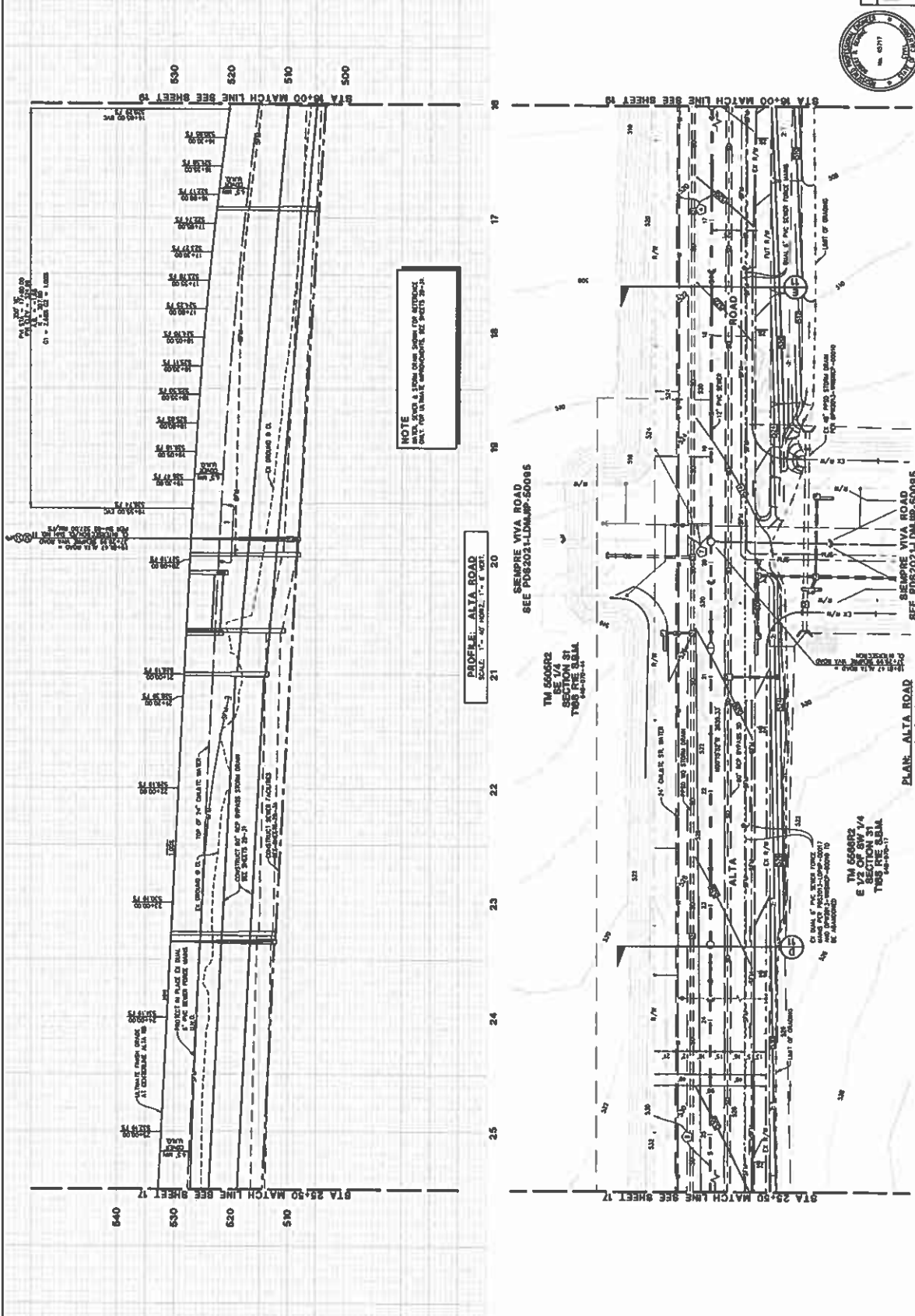
96. CONTRACT NO. 10+00 TO 10+00

97. CONTRACT NO. 10+00 TO 10+00

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99. CONTRACT NO. 10+00 TO 10+00

100. CONTRACT NO. 10+00 TO 10+00



STEVENS
CRESTO
INCORPORATED
1465 Chesapeake Dr. Ste 200
San Diego, CA 92103
619-444-4444
www.stevens-crest.com

RECORD PLAN

PROJECT NO. 10+00 TO 10+00

DATE: 10/13/13

PROJECTED NAME: 10+00 TO 10+00

REGISTERED: 10+00 TO 10+00

DATE: 10/13/13

O.W.D. "AS-BUILT"

PROJECT NO. 10+00 TO 10+00

DATE: 10/13/13

PROJECTED NAME: 10+00 TO 10+00

REGISTERED: 10+00 TO 10+00

DATE: 10/13/13

OTAY WATER DISTRICT

PROJECT NO. 10+00 TO 10+00

DATE: 10/13/13

PROJECTED NAME: 10+00 TO 10+00

REGISTERED: 10+00 TO 10+00

DATE: 10/13/13

COUNTY APPROVED CHANGES

PROJECT NO. 10+00 TO 10+00

DATE: 10/13/13

PROJECTED NAME: 10+00 TO 10+00

REGISTERED: 10+00 TO 10+00

DATE: 10/13/13

OTAY WATER DISTRICT REVISIONS

PROJECT NO. 10+00 TO 10+00

DATE: 10/13/13

PROJECTED NAME: 10+00 TO 10+00

REGISTERED: 10+00 TO 10+00

DATE: 10/13/13

BENCH MARK

PROJECT NO. 10+00 TO 10+00

DATE: 10/13/13

PROJECTED NAME: 10+00 TO 10+00

REGISTERED: 10+00 TO 10+00

DATE: 10/13/13

PRIVATE CONTRACT

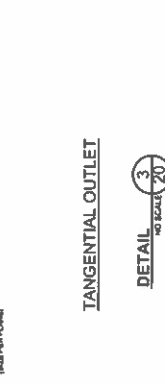
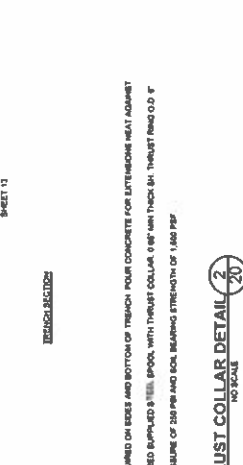
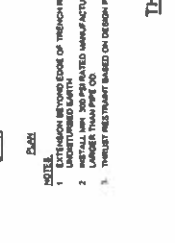
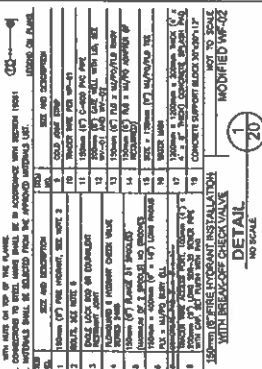
PROJECT NO. 10+00 TO 10+00

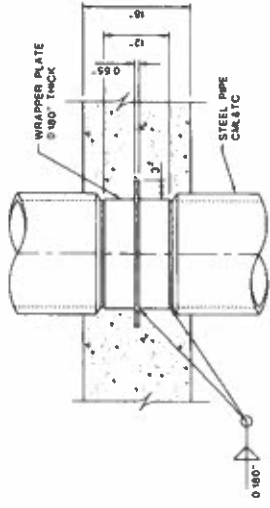
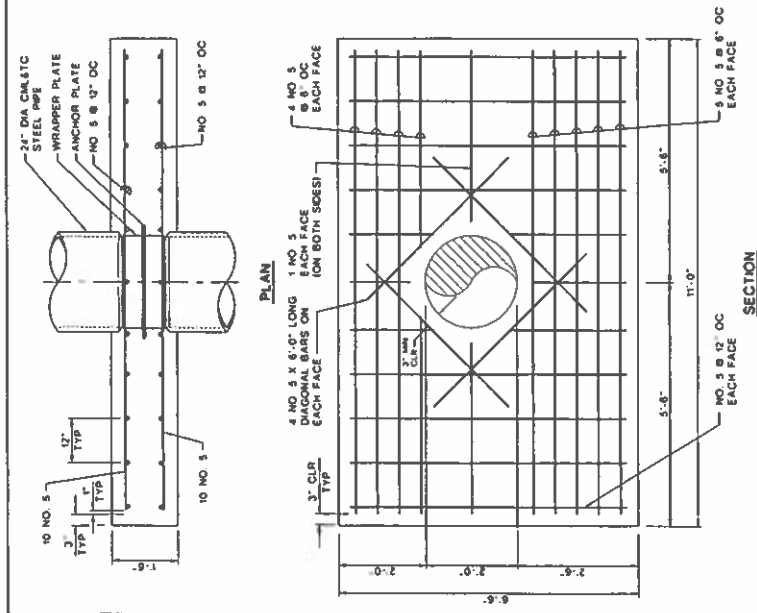
DATE: 10/13/13

PROJECTED NAME: 10+00 TO 10+00

REGISTERED: 10+00 TO 10+00

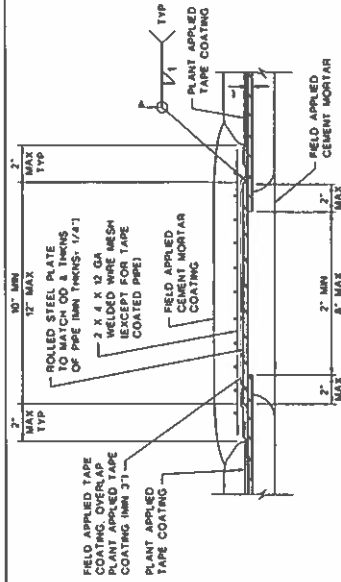
DATE: 10/13/13

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ANCHOR PLATE DETAIL
THRUST ANCHOR

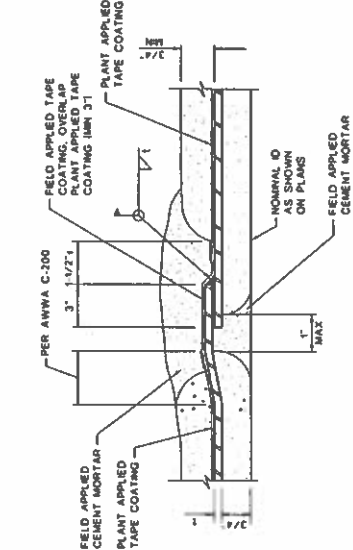
DETAIL 1
NO SCALE



NOTES:
1. TWO HANDHOLES WILL BE REQUIRED AT FINAL BUTTSTRAP CLOSURE FOR LIVING REPAIR.
2. SEE DETAIL 3 THIS SHEET LOCATE HANDHOLE AT 10 O'CLOCK AND 2 O'CLOCK.
3. LIVING FOR ALL BUTTSTRAPS, EXCEPT FOR FINAL CLOSURE REPAIR DESCRIBED IN NOTE 1 ABOVE, SHALL BE INSTALLED WITHOUT THE USE OF HANDHOLES.
4. ALL UNCOATED SURFACES INCLUDING BOLTS AND NUTS SHALL BE WAX TAPE COATED PER AWWA C-217.

BUTTSTRAP CLOSURE

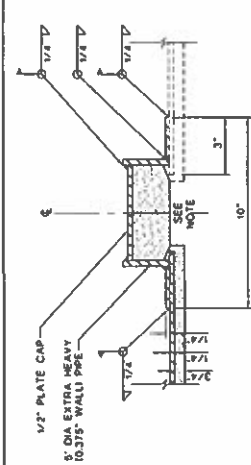
DETAIL 2
NO SCALE



SECTION

LAP WELDED SLIP JOINT

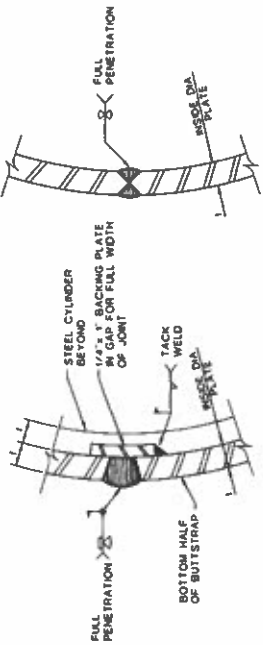
DETAIL 4
NO SCALE



BUTTSTRAP CLOSURE NOTES:
1. TACK WIRE TO UNDERSIDE OF CAP FOR MORTAR CONNECTION AND CUT INTERFERING PIPE PRIOR TO FIELD APPLYING MORTAR LIVING AT UNDERSIDE OF CAP.
2. WELD PLATE CAP AFTER INSPECTION AND MORTAR REPAIR. WELD PLATE CAP AFTER INSPECTION AND MORTAR REPAIR.
3. BUTTSTRAP W/ PIPE DIAMETERS 48" AND GREATER SHALL HAVE TWO HANDHOLES AT 10 AND 2 O'CLOCK.

HANDHOLE FOR BUTTSTRAP CLOSURE

DETAIL 3
NO SCALE



BUTTSTRAP SPLICE

BUTTSTRAP SPLICE & SHOP WELD

DETAIL 5
NO SCALE



NOTE:
REPAIR OF THIS PIPE SHALL BE IN THE COUNTY OF SAN DIEGO IN THE CITY OF SAN DIEGO FOR RECORD PURPOSES ONLY.

PRIVATE CONTRACT
COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
STREET WATER MAIN REPAIR
ALTA ROAD & BEAUMONT
COUNTY OF SAN DIEGO TRACTS
CALIFORNIA COORDINATE INCL. 13N-17E
RECORD NO. 2004-10001-00114
DATE: 10/13/04
BY: [Signature]

BENCH MARK
RECEIVED FROM: [Signature]
DATE: 10/13/04
BY: [Signature]

COUNTY APPROVED CHANGES
DATE: 10/13/04
BY: [Signature]

OTAY WATER DISTRICT REVISIONS
DATE: 10/13/04
BY: [Signature]

OTAY WATER DISTRICT
PROJECT NO. 2004-10001-00114
DATE: 10/13/04
BY: [Signature]

RECORD PLAN
DATE: 10/13/04
BY: [Signature]

DATE: 10/13/04
BY: [Signature]

DATE: 10/13/04
BY: [Signature]

DATE: 10/13/04
BY: [Signature]

DATE: 10/13/04
BY: [Signature]

DATE: 10/13/04
BY: [Signature]

1.1 WORK OF THIS SECTION

1.1 WORK OF THIS SECTION

The Work of this Section shall include but not be limited to furnishing all labor, materials, tools and equipment and performing all Work required for materials, design, fabrication, and installation of cement-mortar lined and tape lined with a mortar over-coat steel pipe and specials as shown in the Approved Plans and described in the Contract Documents.

12 REFERENCES, SPECIFICATIONS, CODES AND STANDARDS

- | | | | |
|------------------------|---|--|--|
| | | The publication listed below is part of this specification; it is hereby referenced and are referred to in the text by the basic designation only. | Reference shall be made to the latest edition of each standard unless otherwise stated for |
| AWWA C200..... | Steel Water Pipe | | |
| AWWA C201..... | Coupling and Gaskets for Steel Water Pipe 100mm-4" | | |
| AWWA C206..... | Field Welding of Steel Water Pipe | | |
| AWWA C207..... | Steel Pipe Flanges for Waterworks Service 100mm-4" | | |
| AWWA C208..... | Flange Connections for Abrasion-Resistant Steel Pipe Fittings | | |
| AWWA C209..... | Dimensions for Abrasion-Resistant Steel Pipe Fittings | | |
| AWWA C210..... | Hastelloy C-276 Cast-Iron Ductile Iron Castings for the Ends of Special Sockets, Connections, and Fittings for Steel Water Pipelines | | |
| AWWA C216..... | Cast-Iron Ductile Iron Castings for the Ends of Special Sockets, Connections, and Fittings for Steel Water Pipelines | | |
| AWWA C217..... | Cast-Iron Ductile Iron Castings for the Ends of Special Sockets, Connections, and Fittings for Steel Water Pipelines | | |
| AWWA M1..... | Standard Specification for Design and Installation | | |
| ASTM A 117/A 17M..... | Standard Specification for Ferritic-Martensitic Iron Castings | | |
| ASTM A 35/A 36U..... | Standard Specification for Carbon Structural Steel—Open-End, Zinc-Coated, Welded, and Seamless | | |
| ASTM A 105..... | Standard Specification for Carbon Steel Forgings for Piping Applications | | |
| ASTM A1011/A1010M..... | Standard Specification for Steel, Sheet, and Strip, Hot-Rolled, Carbon, Structural, High-Strength, Low-Alloy and High-Strength Low-Alloy with | | |
| ASTM A 103..... | Standard Specification for Carbon Steel Track Bolts and Nuts | | |
| ASTM A 216..... | Standard Specification for Steel Castings, Carbon, Suitable for Fusion Welding for High-Temperature Service | | |
| ASTM A 263/A 263M..... | Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Pipes | | |
| ASTM A 535..... | Standard Specification for Cast Iron Ductile Iron Castings | | |
| ASTM A 568/A 568M..... | Standard Specification for Steel, Sheet and Strip, Carbon, Hot-Rolled, Structural Quality and Cold-Rolled | | |
| ANSI B1.20-1..... | Standard Specification for Steel Threaded Rods and Studs | | |
| ANSI B1.20-2..... | Gaskets and Gaging for Unified Inch Screw Threads | | |
| ANSI B1.20-3..... | Pipe Threads, General Purpose (NPT) | | |

13 RELATED WORK SPECIFIED ELSEWHERE

WAS Standard Drawings
Sections 0223, 03305, 09810, 09910, 09820, 1310, 15000, 19041 and 19044

14 NOT USED

15. QUALIFICATION OF MANUFACTURERS

Factory applied joint lining and coating is an element of the completed pipe. Only manufacturers who provide a completed lined and coated pipe can be qualified for this work. The WFO reserves the right to require that the manufacturer accept responsibility for furnishing the complete coated and lined pipe without altering or modifying the Contractor's specifications. The manufacturer must be able to produce the pipe components, including but not limited to, manufacturing of steel cylinders, linings, and applying the linings and coatings (types used for water, salt, and sulfur) to the pipe. The manufacturer must have manufacturing sites for pipe for municipal water bodies for at least five years and has completed at least three large projects (over 24" diameter) in the last five years.

16 SPECIALS

A special is defined as any piece of pipe other than a normal full length of straight pipe. This includes, but is not limited to elbows, short pieces, reducers, tees, crosses, spools, sections with outlets, beveled sections and manifolds.

17 DESIGN REQUIREMENTS

A. All steel used for pipe or specials shall have a 36,000 psi minimum yield point unless otherwise shown on the Approved Plans or as directed by the District's representative. See material information concerning steel designation below.

Design stress in steel cycle

be a 50psi OR minimum of 300 psi above the operating pressure or as shown on the Approved Plans, whichever is greater. No allowance shall be made for the strength of the cement mortar lining and coating.

C. SPECIES THAT BE DESIGNED

sections. Fitting dimensions shall conform to AWWA C208. Reinforcing covers, wrappers, catch plates, and anchor rings shall be designed and fabricated per AWWA M11.

1 Outlet may be put into use

Towards shall comply with ANSI B320.1 Outlets larger than 2" shall use a lap or nozzle with a lapped outlet. All outlets larger than 2" shall be used in place of collars, and catch plates may be used in place of collars. Wrappers may be used in place of collars. Pipe couplings shall not be used for outlets.

2 On 2" and smaller gullets =

J Tees, wyes, and crosses shall be dimensioned in accordance with AWWA C208, Table 1, or as modified on the Approved Plans.

4 Bonds shall have a minimum

Deflection Angle	Number of Pieces
0°	1
15°	2
30°	3
45°	4
60°	5
75°	6
90°	7
105°	8
120°	9
135°	10
150°	11
165°	12
180°	13
195°	14
210°	15
225°	16
240°	17
255°	18
270°	19
285°	20
300°	21
315°	22
330°	23
345°	24
360°	25

Deflection Angle	Number of Pieces
0 to 22 degrees	2
Greater than 22 to 45 degrees	3
Greater than 45 to 67 degrees	4
Greater than 67 to 90 degrees	5

ch2m:

[illegible][illegible]

NOTE:
REVIEW OF THESE PLANS BY THE
COUNTY OF SAN DIEGO IS FOR
BIDDING PURPOSES ONLY

[illegible]

18 QUALITY ASSURANCE

- A. Cement-mortar lined and lapped coated with mortar overcoat steel pipe shall be inspected at the supplier's manufacturing plant by the District Representative. The District Representative shall be responsible for obtaining and reviewing all materials and methods. The District Representative shall be responsible for obtaining and reviewing all materials and methods. The District Representative shall be responsible for obtaining and reviewing all materials and methods.
- B. In addition to the shop hydrostatic testing performed on pipe cylinders, required per AWWA C200, all welds of specials and attachments (i.e. joint rings and nozzles) shall be tested by a dynamometer process. Certification of each testing shall be submitted to the District Representative.
- C. Field welders shall be certified under Section IX, Part A, of the ASME Boiler and Pressure Vessel Code or in accordance with AWWA C200, Section 3. Welders shall present a copy of their certification to the District Representative prior to performing any field welding. Certifications shall be dated within three (3) years of the job to be performed.
- D. Planity mark each length of straight pipe and each special at the end and to identify the proper location of the pipe item by reference to the layout schedule.
- E. The top of all pipe and specials shall be clearly identified by marking the top with "TOP" for easy identification in the field.

19 DELIVERY, STORAGE, AND HANDLING

- A. Delivery, storage, and handling of the pipe and specials shall be as follows:
 1. Pipe and fittings shall be carefully handled and shall be protected against damage to linings and coatings due to impact shocks. Pipe shall not be placed directly on rough ground but shall be supported in a manner which will protect the pipe against damage whenever stored at the site or elsewhere. Pipe shall be handled and stored per these requirements and in accordance with the manufacturer's recommendations.
 2. Temporary internal bracing shall be installed in all pipe 16" and larger prior to shipment to the job site. Temporary internal bracing shall be 2" x 4" wooden struts installed in both the horizontal and vertical directions. Each set of struts shall be nailed together as a unit. Wooden wedges may be used to maintain the proper tight fit of the internal bracing. The bracing shall be located 12" in from each end of the pipe section for all pipe, and additionally at the mid-point for piping 24" and larger. Maintain internal bracing as specified under pipe installation.
 3. Transport pipe to the job site on padded trucks with nylon tie-down straps or padded blocking to protect the pipe.
 4. Pipes and specials shall only be loaded with appropriate spreader bars and with proper chocks. Chocks or wire rope slings shall not be used. Under no circumstances shall pipe or specials be loaded or dragged along the ground. All pipe sections over 20' in length shall be lifted at the quarter points from each end.
 5. Store pipe on earth berms or timber grades adjacent to the trench in the numerical order of installation. Place the supports at about the one-quarter point from the pipe end.
 6. Maintain plastic and caps on all pipe and specials in good condition until the pipe is ready to be installed in the trench. Periodically open the plastic and caps and spray potable water inside the pipe for moisture control.

110 CONTRACTOR SUBMITTALS

- The following shall be submitted in compliance with Section 03300 Submittals:
- A. An affidavit of compliance with AWWA C200 and C205
 - B. Certificate stating that all materials in contact with potable water system are NSF approved for use with potable water.
 - C. Submit detailed shop drawings for the pipe and specials showing:
 1. Order of installation and closures with designation by piece number for each steel pipe and fabricated special to be furnished and installed.
 2. Pipe station and invert elevation (E) at each change of grade and horizontal segment.
 3. Elements of curves and bends, both in horizontal and vertical alignment including elements of the resultant true angular deflections in case of compound curvature.
 4. Pipe outside and inside diameters, wall thickness, location of welded seams, and internal design pressure.
 5. Locations of bulkheads for liquid hydrostatic testing of pipeline. Hydrostatic testing against valves shall not be permitted.
 6. Locations of bulkheads for liquid hydrostatic testing of pipeline. Hydrostatic testing against valves shall not be permitted.
 7. Locations of valves, flanges, manholes, appurtenances and other mechanical equipment.
 8. Limits of concrete encasement.
 9. Call out weld size and dimensions of thrust ring collars, grooved and coasts, flanges, reinforcing covers, wrapper plates, and crown passes.
 - D. Submit joint details.
 - E. Details of all specials and of the pipe lining and coating.
 - F. Calculations supporting the sizing of reinforcing cover plates, wrapper plates or crown plates.
 - G. Calculations supporting selected wall thickness of pipe and specials.
 - H. Calculations supporting selected joint design and joint welding details.
 - I. Current shop welder and flap welder certifications. Submit welding procedure specifications (WPS) and procedures qualification records (PQR) for each welding process.
 - J. Certification of oxygen-nitrogen strip-weld testing.
 - K. Cathodic Protection design and installation notes.
 - L. Drawings of built straps, couplings, and flanges.
 - M. Details of bulkheads and of their method of attachment to the pipeline.
 - N. Certificate that cement complies with ASTM C150, designating type



RECORD PLAN		O.W.D. "RECORD PLAN"		OTAY WATER DISTRICT	
DATE	SIGNATURE	DATE	SIGNATURE	PROJECT NO.	DATE
DATE	SIGNATURE	DATE	SIGNATURE	PROJECT NO.	DATE

OTAY WATER DISTRICT REVISIONS		COUNTY APPROVED CHANGES	
NO.	DESCRIPTION	DATE	BY
NO.	DESCRIPTION	DATE	BY

BENCH MARK	
DESCRIPTION	DATE
DESCRIPTION	DATE

PRIVATE CONTRACT	
DATE	BY
DATE	BY

O. Shop drawings of all pipes and specials shall be submitted for review. Shop drawings shall be complete in all respects. If the pipe drawings show any deviations from the District Representative's specifications, the District Representative shall be responsible for obtaining and reviewing all materials and methods. The District Representative shall be responsible for obtaining and reviewing all materials and methods.

P. Submit fabricator's quality control program results in one complete binder including all inspection reports, tests conducted, certified test results, weld test coupon results, and all other information required for the fabrication process and be delivered prior to substantial completion of the project. The quality control program results shall document all phases of the fabrication process and be delivered prior to substantial completion of the project.

111 HOT USED

112 WAX TAPE

Wax tape shall be installed in accordance with Section 13110 as shown on the Approved Plans as directed by the District Representative.

113 TRACER WIRE

Tracer wire shall be installed on all portable and recycled water mains in accordance with Section 15000.

114 WARNING/IDENTIFICATION TAPE

Warning/identification tape shall be installed on all portable and recycled water mains in accordance with Section 15000.

PART 2 - MATERIALS

21 STEEL PIPE AND SPECIALS

Steel pipe and specials shall conform to the requirements of the AWWA C200 and C205, and AWWA M11, except as modified herein.

22 POLYETHYLENE TAPE COATING WITH MORTAR OVERCOAT (ROCK SHIELD)

Polyethylene tape coating with mortar overcoat shall be in accordance with Section 09810. Cement mortar over-coating shall be reinforced in accordance with AWWA C205. Rebar testing shall be conducted in the lab.

23 MORTAR LINING AND OVER-COAT

Cement used in mortar lining and over-coating shall be Portland cement per ASTM C 150, Type V for coating and Type II for lining.

24 PAINTING AND COATING

- A. Paint and coating products for exterior surfaces of all pipe and appurtenances not otherwise coated shall be in accordance with Section 09910 and the Approved Materials List.
- B. Paint and coating products for areas in contact with potable water such as the ends of pipe, grooved and shouldered ends of pipe and exposed inside surfaces of flanges, outlets and hand flanges shall be in accordance with Section 15000 and specified from the Approved Materials List.
- C. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- D. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- E. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- F. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- G. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- H. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- I. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- J. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- K. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- L. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- M. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- N. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- O. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- P. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- Q. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- R. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- S. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- T. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- U. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- V. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- W. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- X. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- Y. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- Z. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.

Calculation of stresses, rapid-setting mortar may be required. Acceleration admixtures may be used in the mix as permitted by the District Engineer. Calcium chloride shall not be used in the mix.

25 BOLTS AND NUTS FOR FLANGES

Bolts and nuts shall be in accordance with W.A.S. Specification Section 15000 and the Approved Materials List.

26 GASKETS

- A. Flange gaskets shall comply with AWWA C207. Flange gaskets shall be 1/8" thick acrylic or aramid fibers bound with nitrile for all sizes of pipe. Gaskets shall be surface type with pre-embossed helix or ring-type extending to the outer edge of the bolt circumference of the flange.
- B. In the event of encountering organic solvents or petroleum products during the course of the work, alternate gasket materials or joint treatment will be required as directed by the District Representative.
- C. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- D. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- E. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
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- W. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- X. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- Y. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.
- Z. Cement mortar over-coating shall be reinforced in accordance with AWWA C205.

27 JOINT BONDING AND CATHODIC PROTECTION

Joint bonding, flange insulation kits, internal epoxy linings, and cathodic protection materials shall be provided as indicated on the Approved Plans and in accordance with Section 13110 and the Approved Materials List.

28 TRENCHING, EXCAVATION, BACKFILLING AND COMPACTION

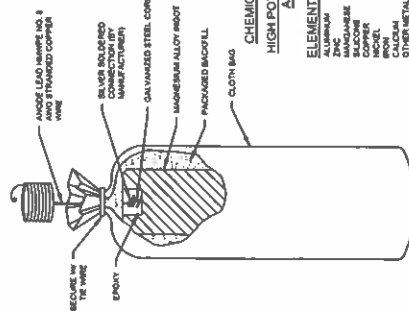
Trenching, excavation, backfilling, and compaction shall be performed in accordance with Section 02223.



Where required, concrete (must and anchor blocks shall be installed in accordance with Section 03000 and as shown on the Approved Plans. Prior to filling the baffle with water, refer to Section 03000 for the minimum concrete curing time required.

ch2m.

SHEET	COUNTY OF SAN DIEGO	
DRAWN BY	DATE	
FOR ARCHITECT OF PUBLIC WORKS		
PROJECT NO.		
ALTA WATER MAIN PDS# 706		
ALTA ROAD TO SEMPER VIVADO		
OTAY MESQUITE PARK & HAVASD RESORT		
CITY OF SAN DIEGO TRACTS 8906-8908		
CALIFORNIA COORDINATE MODEL 13E-1761		
REVISIONS OR NOTES		
		
APPROVED BY  DATE 1/25/83		
PROJECT NO. PDS2021-LDP1P-80114		

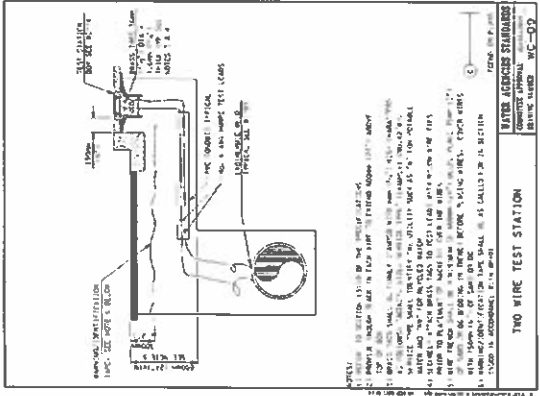


CHEMICAL COMPOSITION
HIGH POTENTIAL Mg ANODE
ASTM B843-83

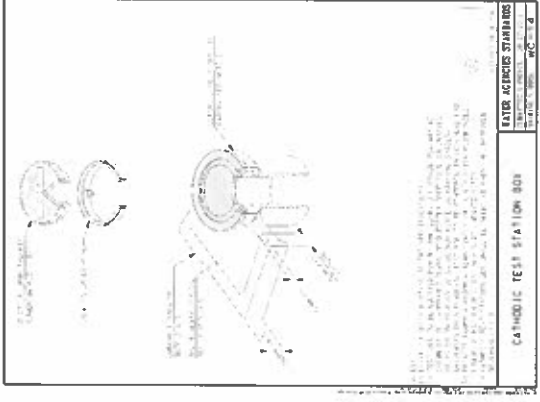
ELEMENT	CONTENT %
ALUMINUM	0.010
MANGANESE	0.005 TO 0.010
IRON	0.005
NICKEL	0.001
OTHER METALLIC	0.005
OTHER METALLIC	0.005
MAGNESIUM	REMAINDER

PACKAGED BACKFILL
 20% SODIUM SULFATE
 80% SODIUM BICARBONATE

MAGNESIUM ANODE
 SCALE: NONE



CATHODIC TEST STATION
 SCALE: NONE



CATHODIC TEST STATION
 SCALE: NONE



RECORD PLAN

DATE: _____

SCALE: _____

DATE: _____

O.W.D. "AS-BUILT"

DATE: _____

SCALE: _____

DATE: _____

OTAY WATER DISTRICT

PROJECT NO. _____

DATE: _____

SCALE: _____

DATE: _____

OTAY WATER DISTRICT REVISIONS

NO.	REVISION	DATE	BY

COUNTY APPROVED CHANGES

NO.	REVISION	DATE	BY

BENCH MARK

DESCRIPTION: _____

DATE: _____

SCALE: _____

DATE: _____

NOTE:
 REVIEW OF THESE PLANS BY THE
 COUNTY ENGINEER IS FOR
 RECORD PURPOSES ONLY.



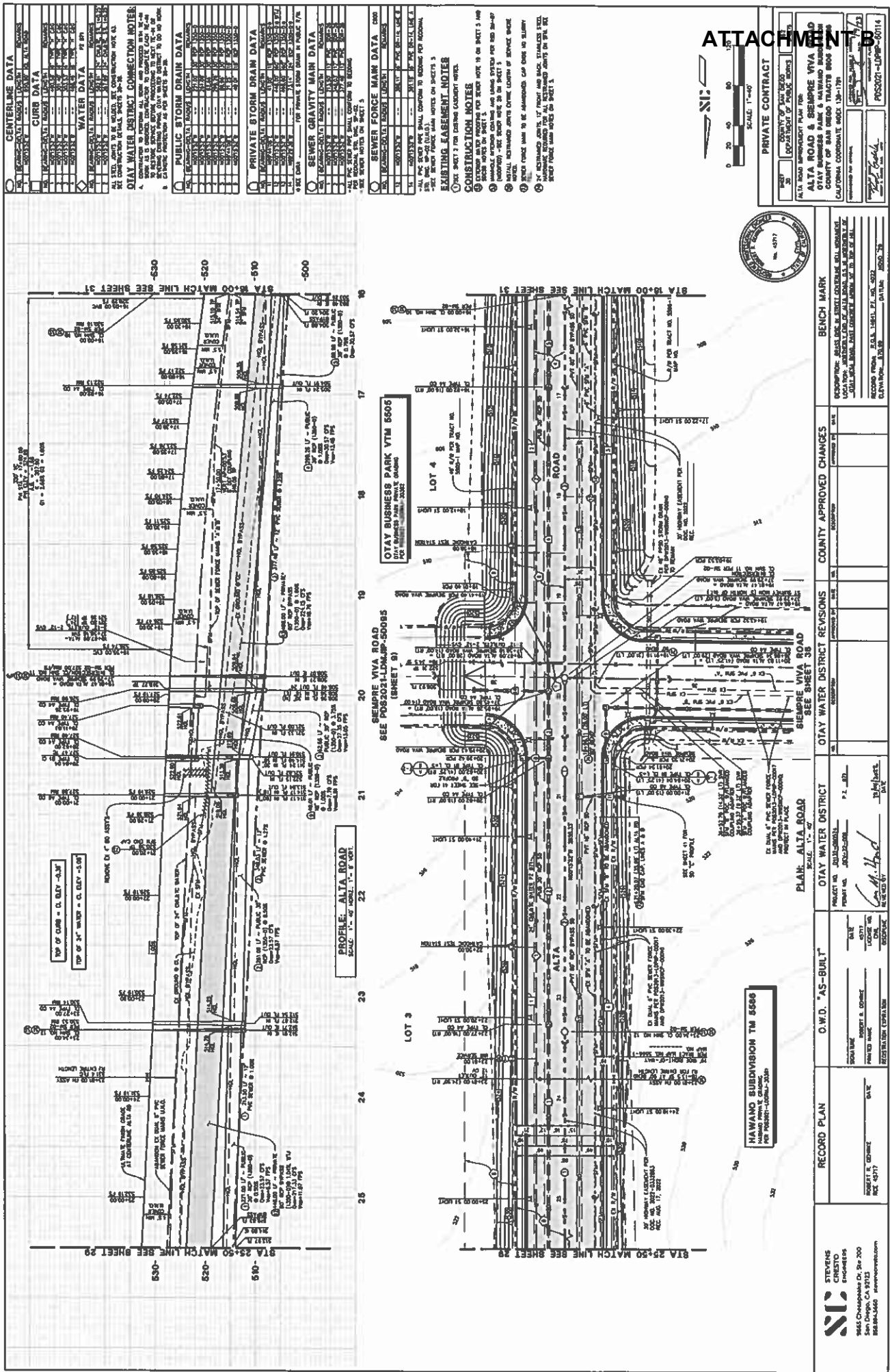
PRIVATE CONTRACT

DATE: _____

SCALE: _____

DATE: _____





ATTACHMENT B



STEVENS-CREDITO
ENGINEERS
3655 Chippendale Dr., Ste 200
San Diego, CA 92123
(619) 594-4666

RECORD PLAN

O.W.D. "AS-BUILT"

OTAY WATER DISTRICT

OTAY WATER DISTRICT REVISIONS

COUNTY APPROVED CHANGES

BENCH MARK

PRIVATE CONTRACT

PROJECT NO. 01132-000574

DATE 07/11/07

PROJECT NO. 01132-000574

DATE 07/11/07

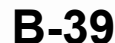
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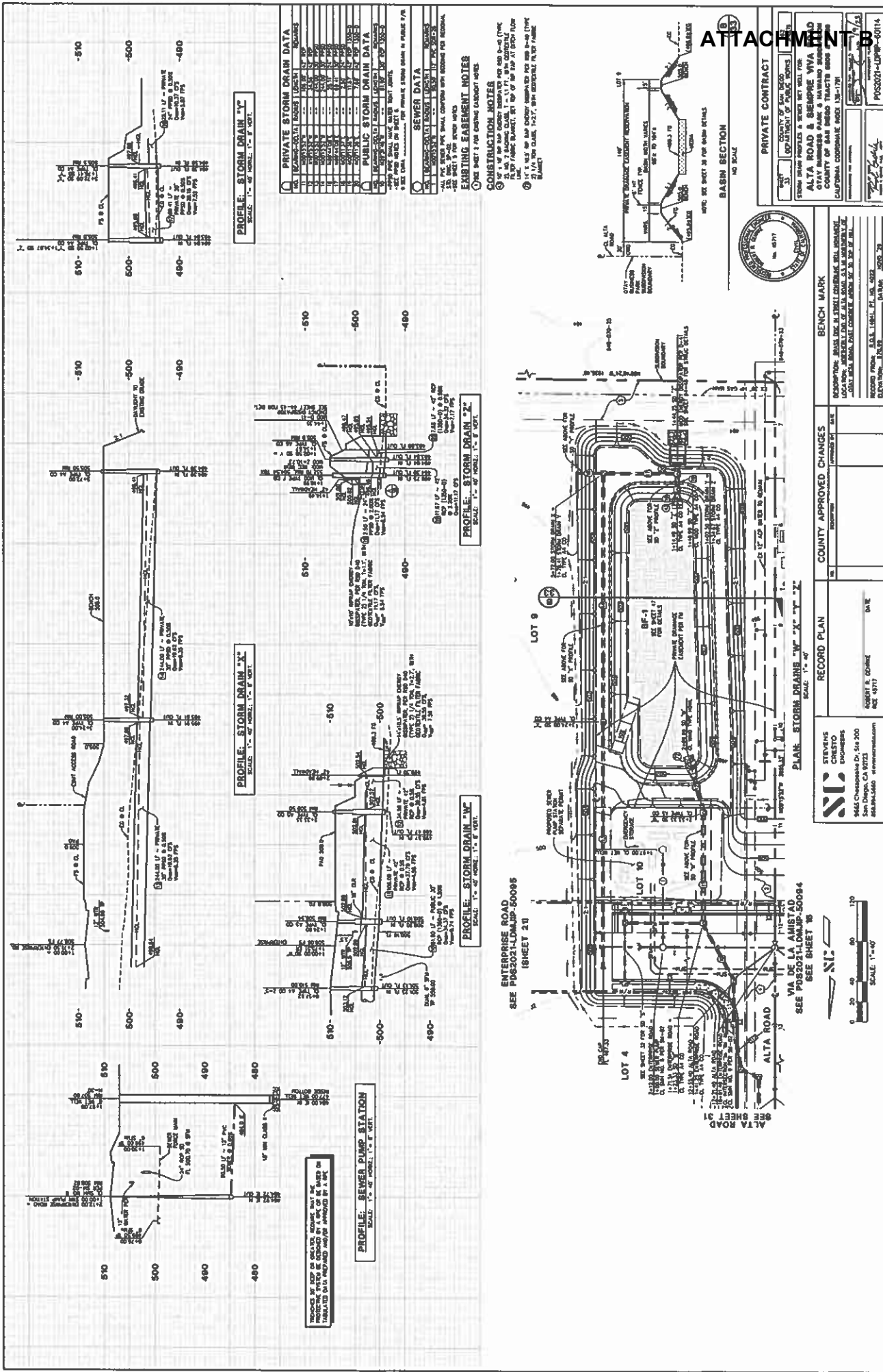
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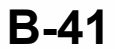
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DATE 07/11/07

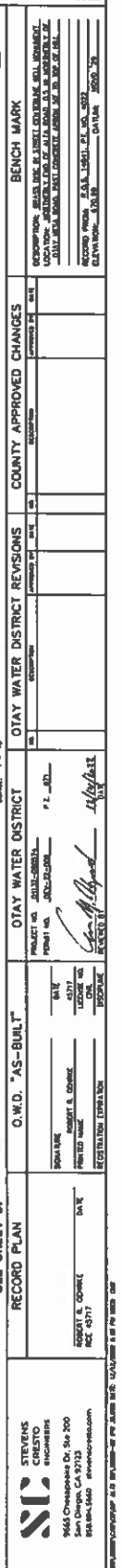


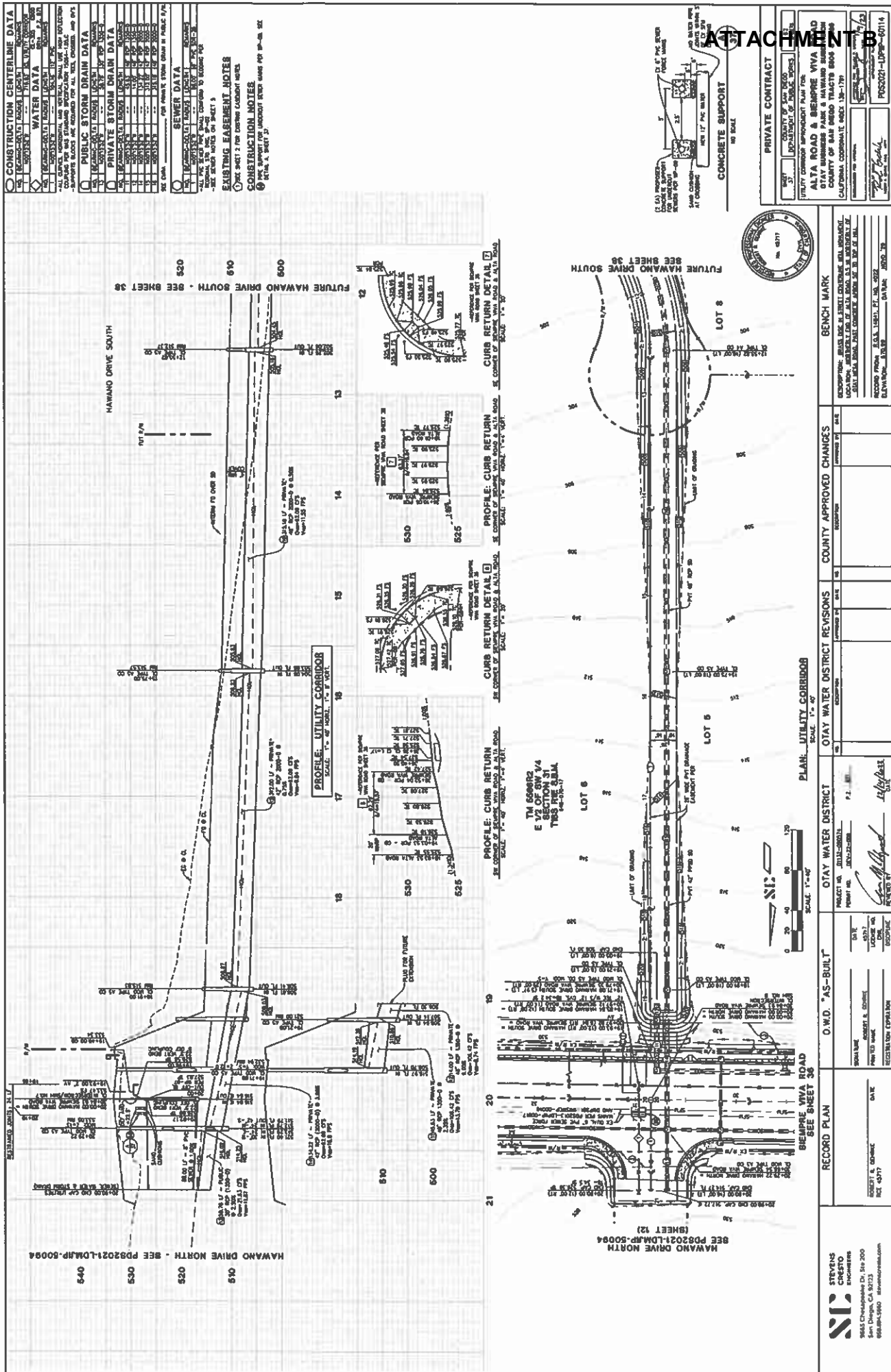












ATTACHMENT B

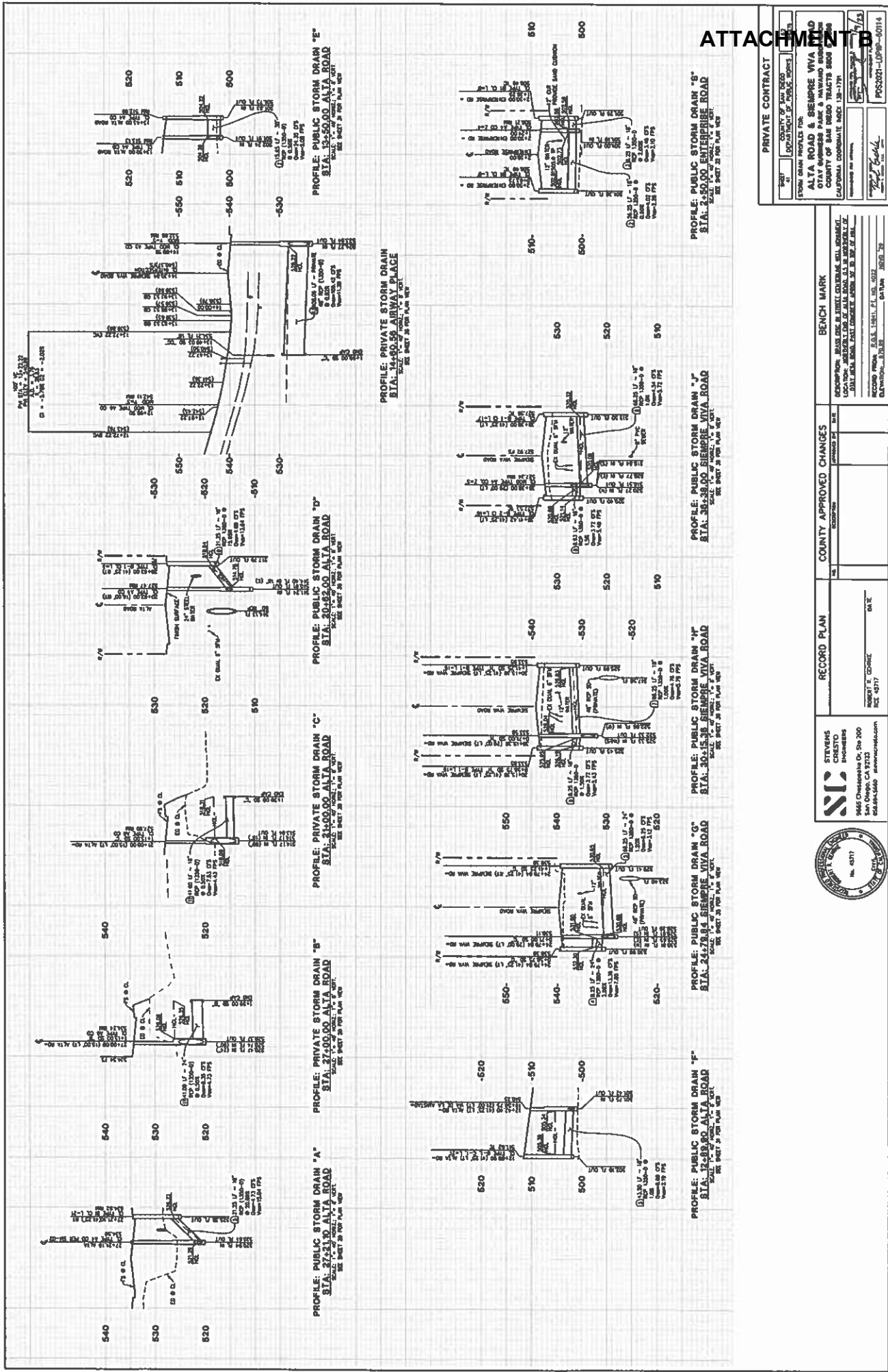
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RECORD PLAN	
ROBERT E. GORMIC	DATE
AGE 43-717	

**STEVENS
CRESTO
ENGINEERS**

9045 Chesapeake Dr., Ste 200
San Diego, CA 92123
619.484.5660 stevenscresto.com





PRIVATE CONTRACT

SHEET NO. 11

COUNTY OF SAN DIEGO
CITY OF SAN DIEGO

STORM DRAIN PROFILES FOR
ALTA ROAD & SIEMPRE VIVA ROAD
STATIONING FROM STA 0+00 TO STA 40+00
CITY OF SAN DIEGO TRACT 5880
CALIFORNIA COORDINATE INDEX 13B-17H

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: 10/13/10

PROJECT NO. 588A (S&B) P.L. 03.03.03
DRAWN BY: [Signature]
DATE: 10/13/10

PGS2021-LDPB-00114

STEVENS CRESTO
9465 Chesapeake Dr., Ste 200
San Diego, CA 92123
619.450.1410 stevenscresto.com

RECORD PLAN

PROJECT NO. 588A (S&B) P.L. 03.03.03
DATE 10/13/10

COUNTY APPROVED CHANGES

NO. 1
DESCRIPTION: [Blank]
DATE: [Blank]

BENCH MARK

DESCRIPTION: BENCH MARK SET BY STEVEN CRESTO, 11/1/10
LOCATION: INTERSECTION OF ALTA ROAD & SIEMPRE VIVA ROAD
ELEVATION: 540.00 FT. (M.S.L.)



STRUCTURAL ABBREVIATIONS

120 JOURNAL OF DOCUMENTATION

120 JOURNAL OF DOCUMENTATION

- [illegible]

STRUCTURAL ABBREVIATIONS

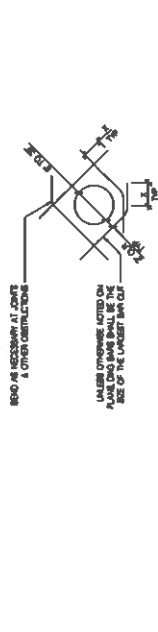
72 JOURNAL OF DOCUMENTATION

- [illegible]

Overhead	Direct
...	...

[illegible]

TYPICAL REINFORCING BAR HOOKS AND BENDS DETAIL



BAR SIZE	X
44	5
45	5
46	5
47	5
48	5

2
ADDITIONAL REINFORCING AT WALL PENETRATION DETAIL

SCALE NONE

PLACE AND SAYS ARE FOLLOWED

1. IN CENTER OF WALLS FOR ONE LAYER OF
2. AT EACH FACE FOR TWO LAYERS OF REINFORCING

BAR SIZE	%
#4	44
#5	3
#6	49
#7	26
#8	55



AC

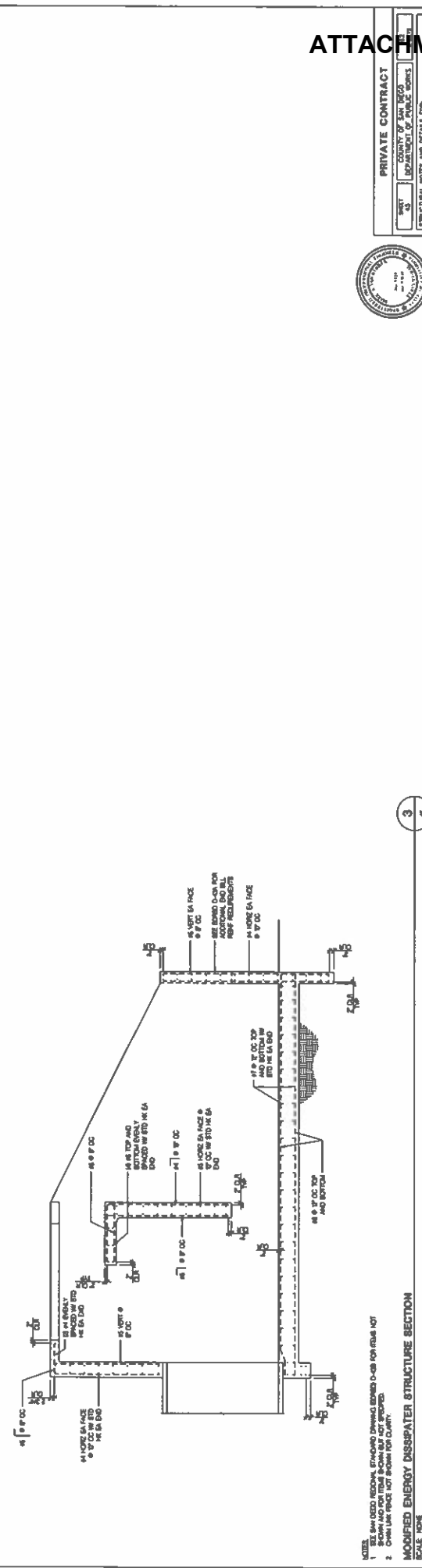
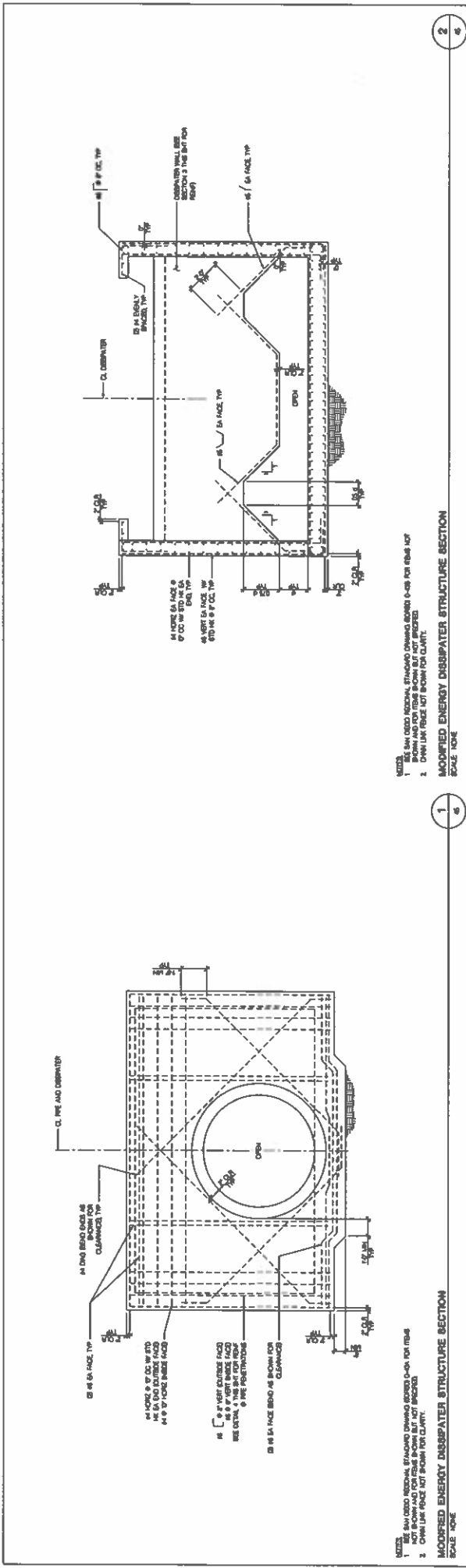
INDUSTRY CONTRACT

U.S. DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS

[illegible]

33	BENJUN NADON	ALTA ROAD & BREMPHE VIVA OTAY SUMMIT PARK & MAYNARD SUBDIVISION
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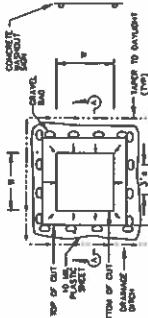
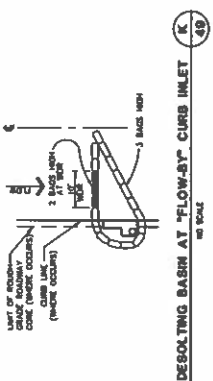
YES	NO	BENCH MARK
		DESCRIPTION: BASS ROCK LIGHTHOUSE, WILLAMETTE LOCATION: INTERSECTION OF S.W. 45th AVE. WITH S.W. 4th AVE. MARK PLANT CHIMNEY APPROX. 50' W. OF SW. COR.
		RECORD PHONE: 8-8-83 1541 71 JAN. 2002 ELEVATION: 17.00m DATE: 7/1/02



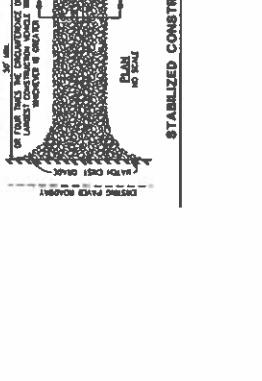
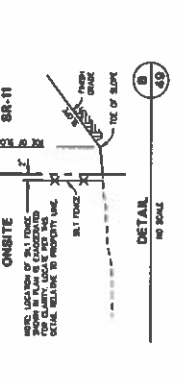
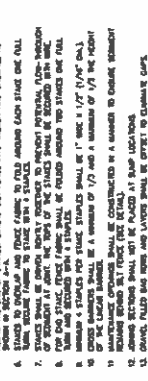
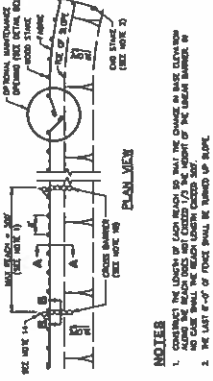
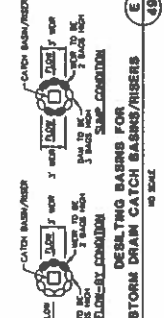
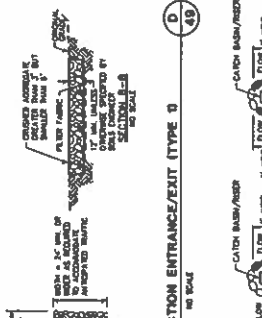
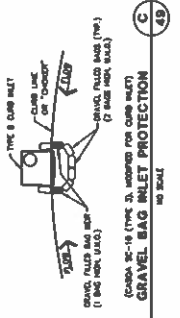
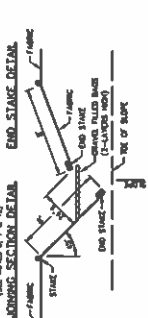
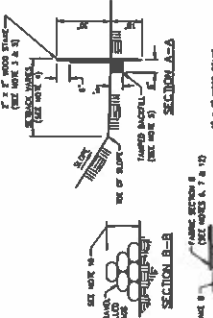
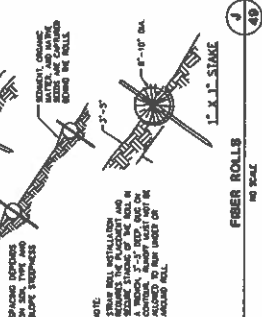
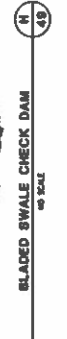
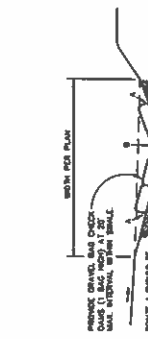
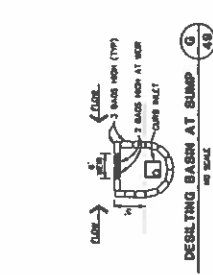
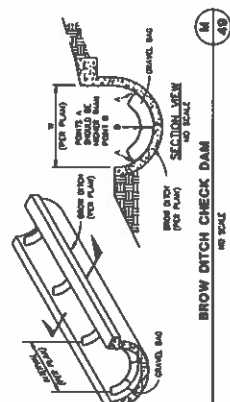
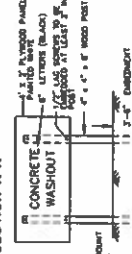
COUNTY APPROVED CHANGES		RECORD PLAN	BENCH MARK
NO.	DESCRIPTION	DATE	DESCRIPTION

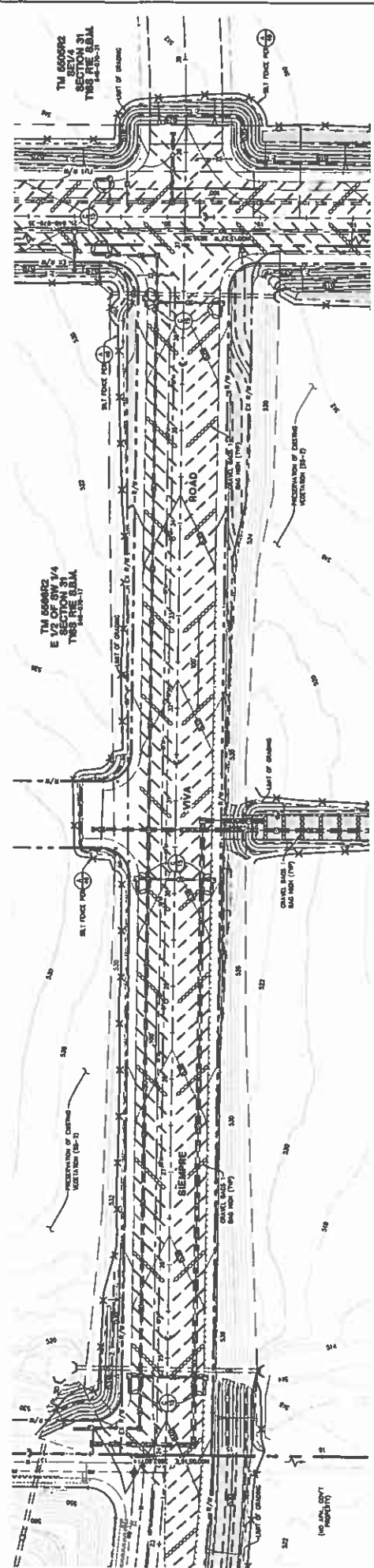
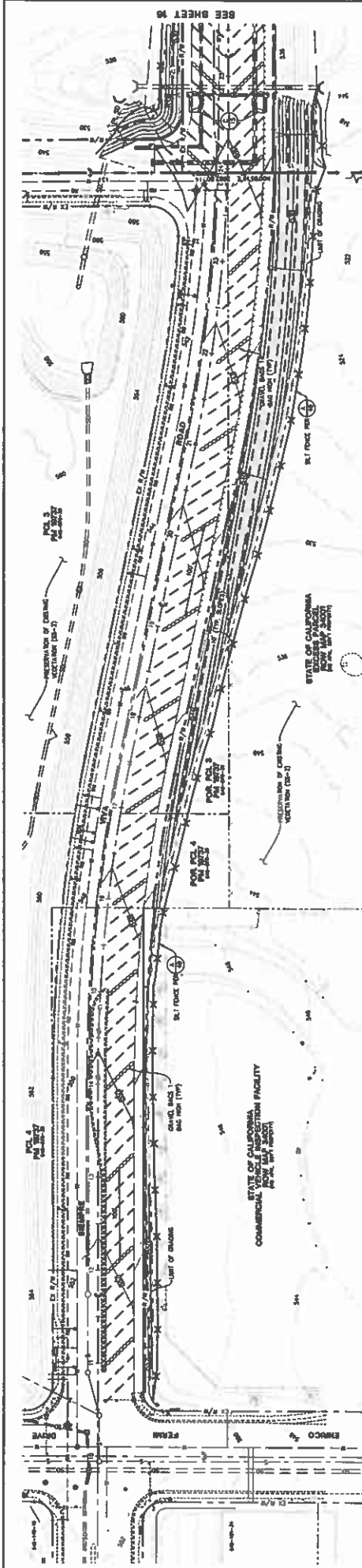
PRIVATE CONTRACT	
STRUCTURAL NOTES AND DETAILS FOR:	
PROJECT NO.	COUNTY OF SAN DIEGO
PROJECT NAME	DEPARTMENT OF PUBLIC WORKS
PROJECT LOCATION	1411 A ROAD & BLENKINS VVA RD
PROJECT DESCRIPTION	COUNTY OF SAN DIEGO TRACTS 8808
PROJECT DRAWING NO.	CALIFORNIA COORDINATE NO. 13-1791
PROJECT DATE	10/20/2018
PROJECT DRAWN BY	10/20/2018
PROJECT CHECKED BY	10/20/2018
PROJECT APPROVED BY	10/20/2018
PROJECT SEAL	10/20/2018

DATE: 10/20/2018
TIME: 10:00 AM
BY: [Signature]

[illegible]

FACILITY SIZING CHART	
VOLUME OF SPILLS	MIN. WIDTH OF PTH (ft)
5 CY OR LESS	5'
5 TO 20 CY	10'
20 CY OR MORE	15'





LEGEND
SEE SHEET 46 FOR DESIGN CONTROL NOTES
SEE SHEET 46 FOR DESIGN CONTROL DETAILS

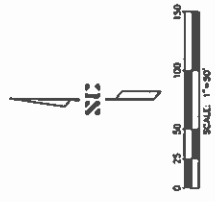
ATTACHMENT B



PRIVATE CONTRACT

SHEET 1	COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS	
ALTA ROAD & BEAUMONT VIVA	
COUNTY OF SAN DIEGO	
CALIFORNIA COORDINATE NORTH 130-170	
PROJECT NO. 04-00000000	
DATE 04/01/04	
PROJECT ENGINEER	
PROJECT NO. 04-00000000	
DATE 04/01/04	
PROJECT NO. 04-00000000	
DATE 04/01/04	

STEVENS CRESTO ENGINEERS 9445 Chesapeake Dr. Ste 300 San Diego, CA 92123 (619) 444-0000	RECORD PLAN	COUNTY APPROVED CHANGES	BENCH MARK
	DATE	DATE	DATE



[illegible]

COUNTY OF SAN DIEGO TRAFFIC SIGNAL CONSTRUCTION NOTES

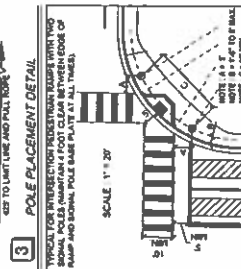
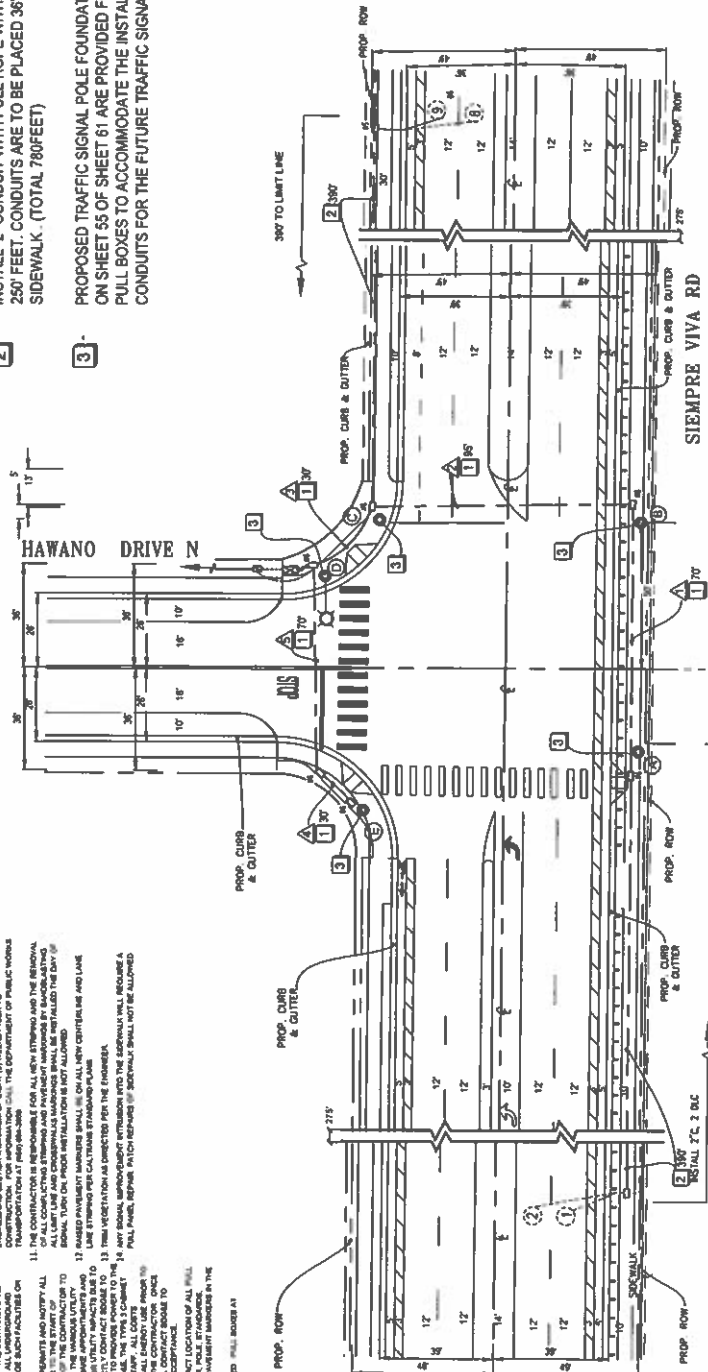
COUNTY OF SAN DIEGO CONSTRUCTION GENERAL NOTES

- [illegible]

- [illegible]

LEGEND

- △= CONDUIT RUN #**
B = CONSTRUCTION NOTE 1
C= FEET OF CONDUIT AND PULL ROPE
●= FUTURE SIGNAL POLE LOCATIONS
SEE SIGNAL PLAN SHEET 55.



POLE PLACEMENT DIMENSIONS			SOCAL	
POLE	STD TYPE	HT LA	POLE LOCATION	
			A	B
(A)		113-100 25" 15"	5	7
(B)		206-200 30" 19"	5	7
(C)		TYPE 1A 15"	5	7
(D)		TYPE 8RTS 30" 15"	5	7
(E)		145-100 30" 15"	5	7



SCALE: 1" = 20'

ATTACHMENT B

[illegible]

RECORD PLAN		COUNTY APPROVED CHANGES		BENCH MARK	
NAME	NO	DESCRIPTION	APPROVED BY	DATE	DESCRIPTION
R.C.E.					DESCRIPTION: BRASS NAIL IN STEEL CONTAINER, 10' IN. HORIZONTAL LOCATION: WEST-ONLY, END OF ALTA. ROAD, 5.5 IN. HORIZONTAL OF ADJACENT ROAD. SLOPE CONCRETE, 45 IN. TO TOP OF JAIL.
DATE:					RECORDS FROM: 650.8 104-1 #7 USE 4922
					ELEVATION: 820.49 941.06 4922.79

PLANS PREPARED UNDER THE SUPERVISION OF

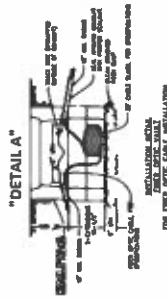
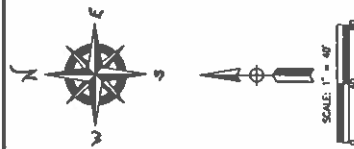
RAY E. DARNELL 11/09/1922
CIVIL ENGINEER
STATE OF CALIFORNIA
EXPIRATION DATE 12/31/2022
DARNELL ENGINEERS & C.E. INC. 22238
DOWNSHORE DRIVE, SUITE 200
DOWNSHORE, CALIFORNIA 92028

Darnell & Associates
4111 MERCURY STREET, SUITE 200
SAN DIEGO, CA 92111
(619) 524-0675

DATE: 11/09/2022 BY: JACOB

ENGINEERS
F&P
REGISTERED PROFESSIONAL ENGINEER
CIVIL
STATE OF CALIFORNIA
NO. 77226
EXPIRATION DATE 12/31/2022

ATTACHMENT B



CONSTRUCTION NOTES

1. CONTRACTOR TO INSTALL THREE (3) INCH CONDUIT WITH TRACE WIRE, PULL ROPE AND 36 FIBER OPTIC CABLE. CONDUIT TO BE PLACED 36 INCHES BELOW FINISH GRADE OF STREET AND SIDEWALK.
2. CONTRACTOR TO INSTALL DOUBLE STACK 16 PULL BOX PER DETAIL A.
3. CONTRACTOR TO INSTALL INTERCONNECT HAND HOLD FOR TERMINATION OF 36 FIBER INTERCONNECT CABLE AND CONDUIT FOR INSTALLATION OF 12 FIBER OPTIC BRANCH CABLE TO DOUBLE STACK PULL BOX TO INTERSECTION CONTROLLER CABINET.

PRIVATE CONTRACT

DATE	12/18/2022
BY	PROJECT MANAGER
FOR	ENRICO FERMI DRIVE & HAWAII DRIVE SUBMERSION VIVA ROAD CALIFORNIA COORDINATE 1201-1201
PROJECT NO.	1210901
DATE	12/18/2022
BY	PROJECT MANAGER
FOR	ENRICO FERMI DRIVE & HAWAII DRIVE SUBMERSION VIVA ROAD CALIFORNIA COORDINATE 1201-1201

BENCH MARK

DESCRIPTION	BLANK 1/2" STREET CORNER, 1/2" MOUNTAIN
LOCATION	1/2" MOUNTAIN, 1/2" MOUNTAIN, 1/2" MOUNTAIN
DATE	12/18/2022
BY	PROJECT MANAGER
FOR	ENRICO FERMI DRIVE & HAWAII DRIVE SUBMERSION VIVA ROAD CALIFORNIA COORDINATE 1201-1201

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	DATE

RECORD PLAN

NAME	
S.C.E.	
DATE	

PLANS PREPARED UNDER THE SUPERVISION OF

Darnell & Associates

4411 HAWAII STREET, SUITE 200
HAWAII, HI 96711
(808) 225-4373

DATE: 12/18/2022

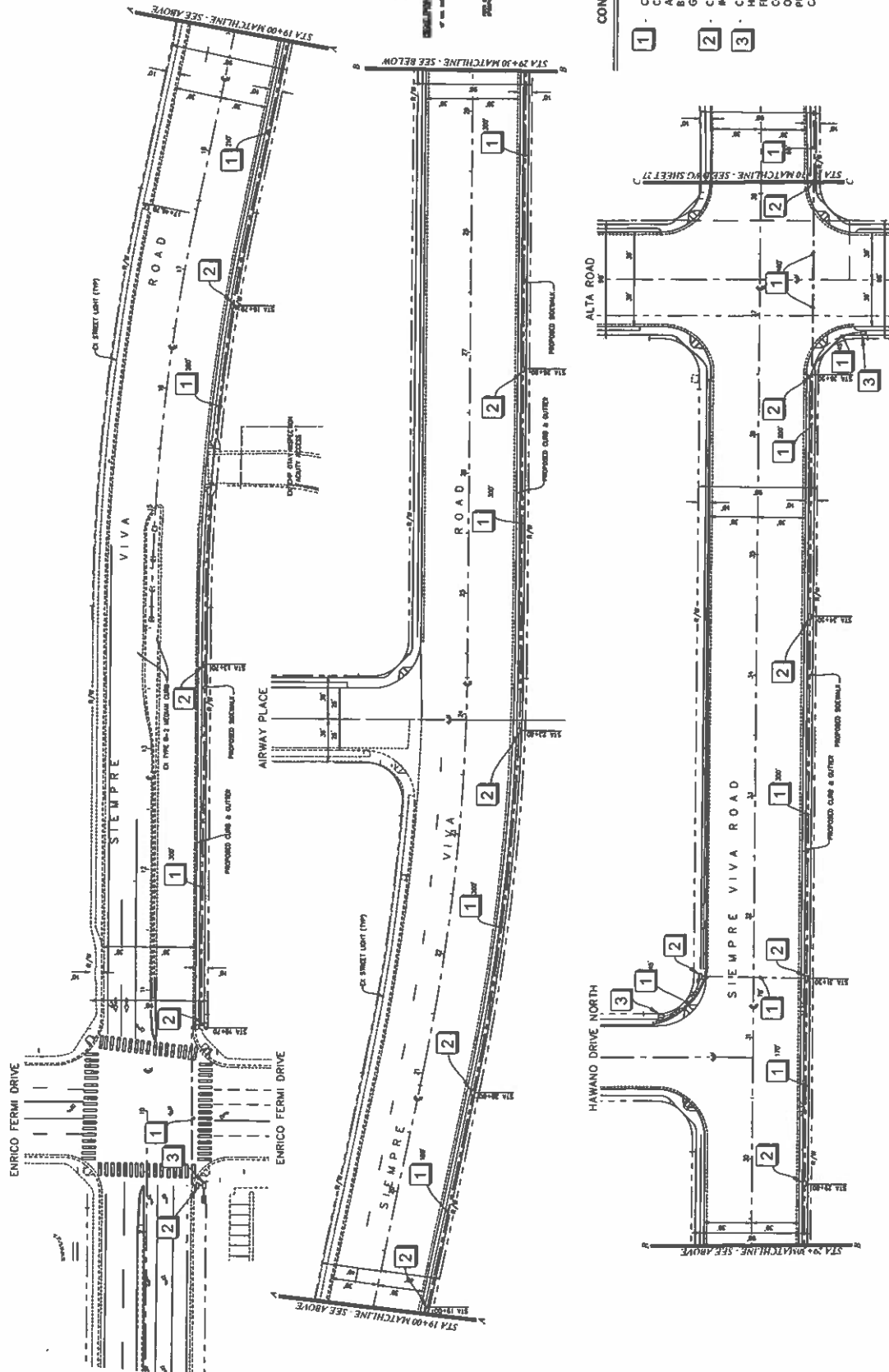
STAMP

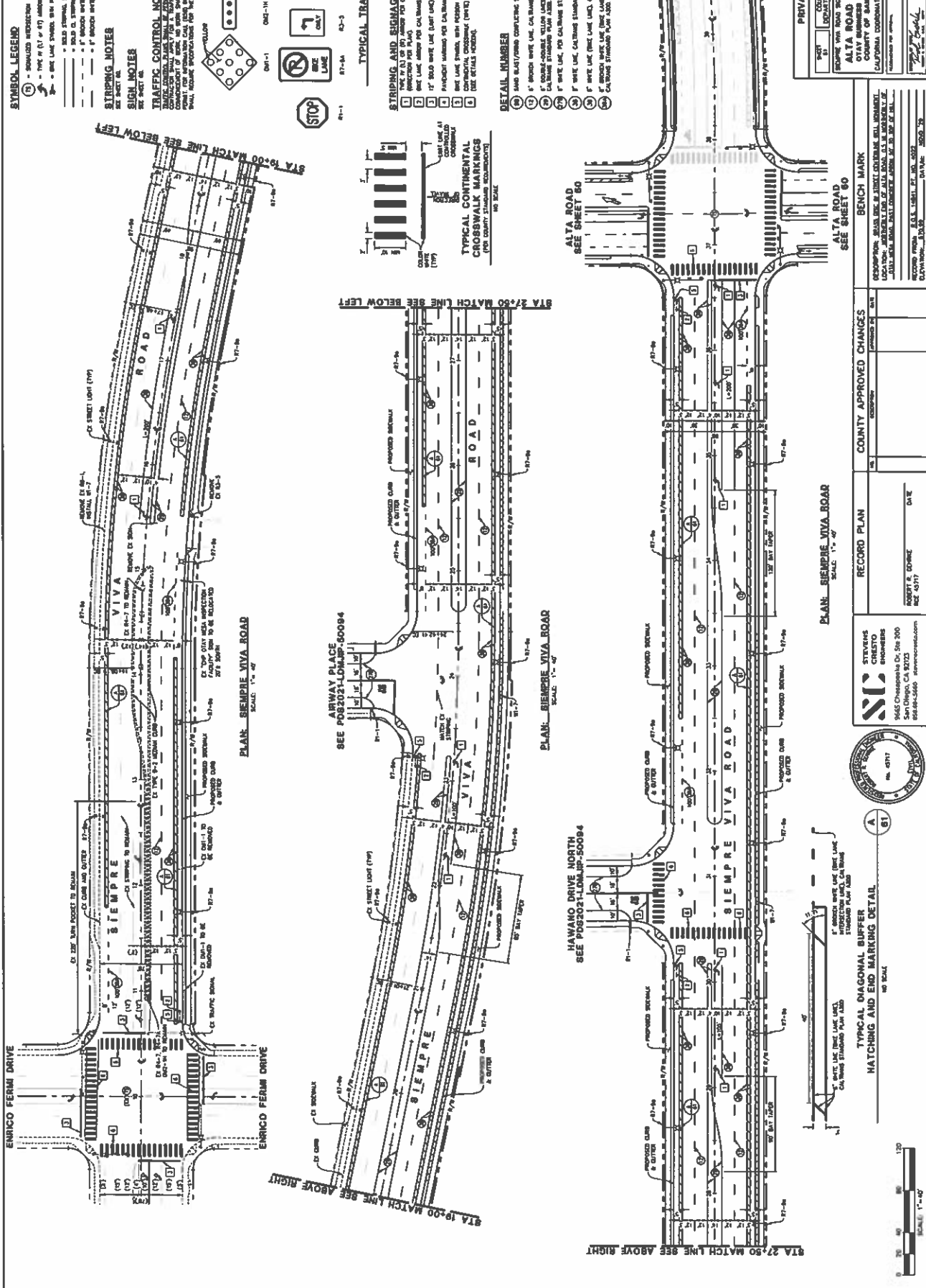
REGISTERED PROFESSIONAL ENGINEER

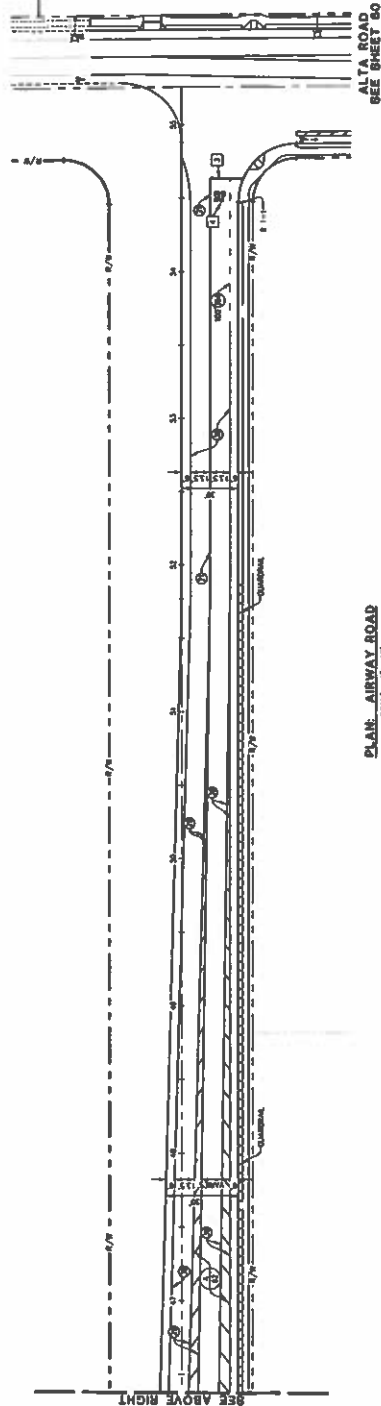
NO. 12728

EXPIRATION DATE: 12/18/2025

DATE: 12/18/2022







AND UNDER THE 2000/1/17 CIVIL SERVICE AND DISCIPLINARY REGULATION

Exhibit B

Legal Description of the Property with Plat

EXHIBIT "A"
LEGAL DESCRIPTION**PARCEL "B" (DD30306-01-02)**

That portion of Government Lot 4 conveyed to the State of California by deed recorded February 26, 1996 as Document No. 1996-0091184 in the office of the County Recorder of San Diego County in Section 31, Township 18 South, Range 1 East, San Bernardino Meridian, in the County of San Diego, State of California, according to United States Government Survey approved September 11, 1879, lying within a 51.00 foot wide strip of land, the Northerly line of said strip being the centerline of Siempre Viva Road per Easement for County Highway recorded July 01, 2002 as Document No. 2002-0553015 of Official Records [hereinafter R1], more particularly described as follows:

COMMENCING at the Southwest Corner of Government Lot 3 in said Section 31 being on the centerline of Enrico Fermi Drive;

Thence North 00°30'09" East 142.36 feet [North 00°30'12" East 142.31 feet per R1] along the Westerly line of said Lot 3 and centerline of Enrico Fermi Drive to the intersection with the centerline of Siempre Viva Road and the **TRUE POINT OF BEGINNING**;

Thence leaving said Westerly line South 89°29'40" East 406.19 feet [South 89°29'58" East 406.25 feet per R1] to the beginning of a tangent 1700.00 foot radius curve, concave Southerly;

Thence Easterly along said curve through a central angle of 11°28'42", a distance of 340.57 feet;

Thence South 78°00'58" East 355.11 feet [South 78°01'16" East 355.04 feet per R1] to the beginning of a tangent 1700.00 foot radius curve, concave Northerly;

Thence Easterly along said curve through a central angle of 09°54'35" [09°54'33" per R1], a distance of 294.03 feet [294.01 feet per R1] to the Easterly line of said Lot 3 and the **POINT OF TERMINUS**.

The Southerly sideline of said strip shall be prolonged or shortened so as to terminate in the North line of said Lot 4 and continued or shortened so as to terminate in the East line of said Lot 4.

Contains 11,770 Square Feet or 0.27 Acres, more or less.

PARCEL "C"

That portion of Government Lot 4 conveyed to the State of California by deed recorded February 26, 1996 as Document No. 1996-0091184 in the office of the County Recorder of San Diego County in Section 31, Township 18 South, Range 1 East, San Bernardino Meridian, in the County of San Diego, State of California, according to United States Government Survey approved September 11, 1879, lying Northerly and Northeasterly of the following described line:

COMMENCING at the Southwest Corner of Government Lot 3 in said Section 31 being on the centerline of Enrico Fermi Drive;

Thence South 89°38'35" East 846.76 feet along the Southerly line of said Lot 3 to the **TRUE POINT OF BEGINNING**;

Thence leaving said Southerly line South 74°38'15" East 248.39 feet;

Thence South 80°12'19" East 150.20 feet;

Thence South 84°32'06" East 150.49 feet to the Easterly line of said Lot 4 and the **POINT OF TERMINUS**.

Excepting therefrom that portion of said Lot 4 as described in the hereinabove **PARCEL "B"**.

Contains 21,608 Square Feet or 0.50 Acres, more or less.



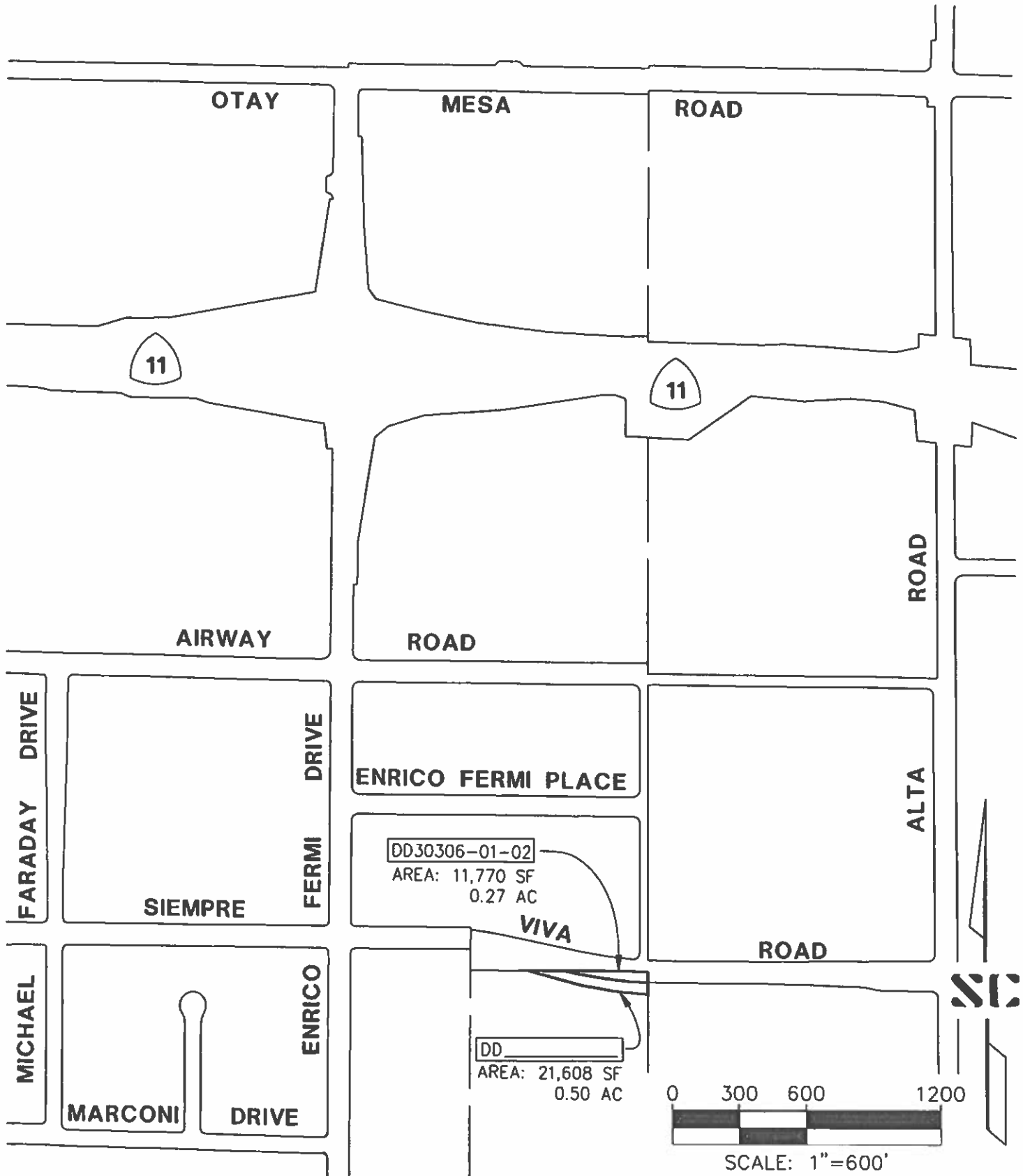
Joseph G. Cresto
PLS 8050

9/12/2022

Date



END OF LEGAL DESCRIPTION



9665 Chesapeake Dr, Ste 200
San Diego, CA 92123
858.694.5660 stevenscrestocom

EXCESS PARCEL MAP KEY MAP

DD30306-01-02

PORTION OF WEST 1/2 OF SOUTHWEST 1/4 OF SECTION 31
T 18 S, R 1 E, S.B.M., COUNTY OF SAN DIEGO

SCE NO. 20022.04

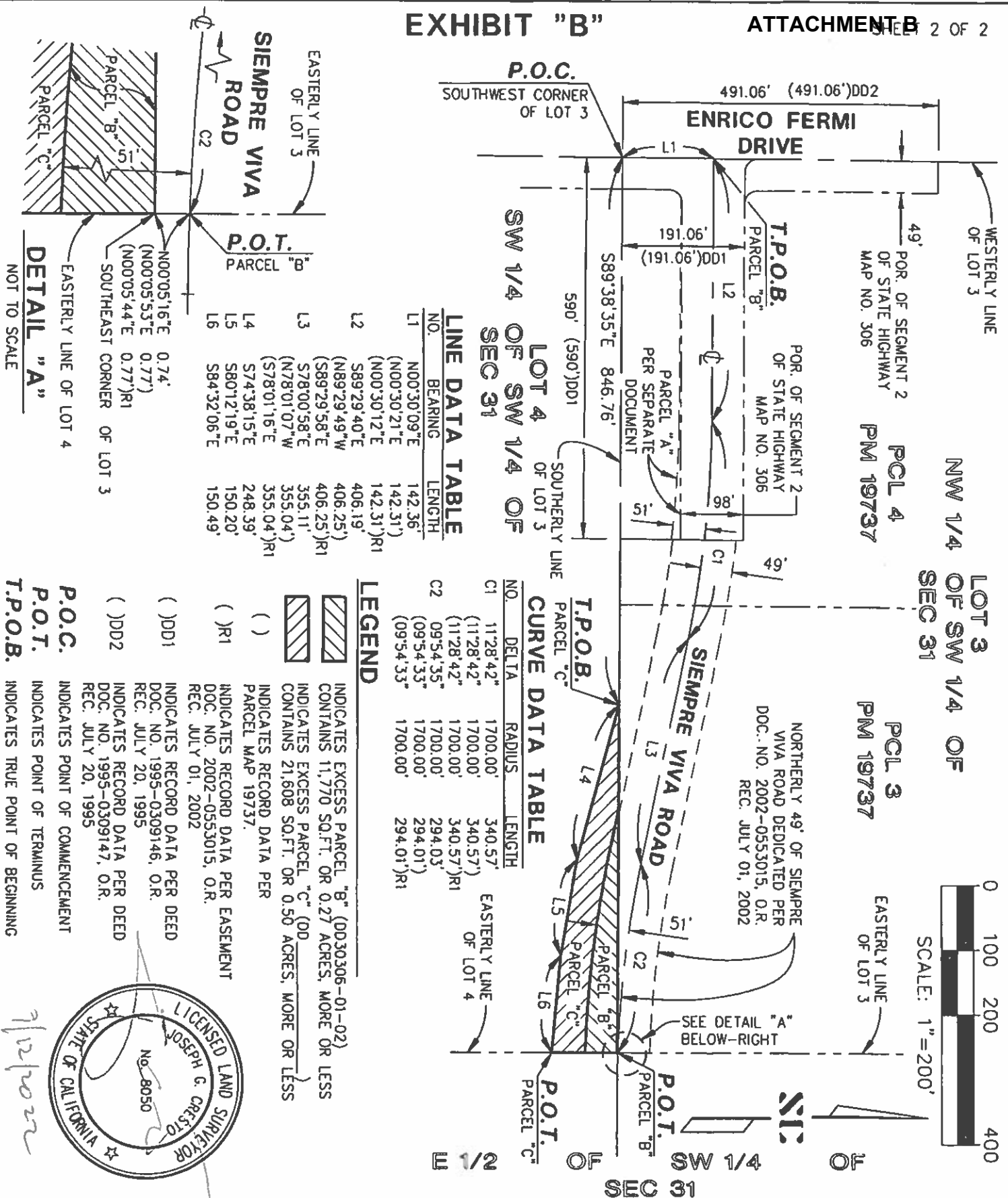
DATE: 2022 09 12

DWG: 20022 SVR CALTRANS - PCL B&C 01

DRAWN BY: AAH

CHECKED

B-73



**SC STEVENS
CRESTO
ENGINEERS**

9665 Chesapeake Dr, Ste 200
San Diego, CA 92123
858.694.5660 stevenscrestocom

EXCESS PARCEL MAP
DD30306-01-02
PORTION OF WEST 1/2 OF SOUTHWEST 1/4 OF SECTION 31
T 18 S, R 1 E, S.B.M., COUNTY OF SAN DIEGO

SCE NO. 20022.04

DATE: 2022 09 12

DWG: 21022 SVR CALTRANS 01

DRAWN BY: AAH

CHECKED BY JGV

B-74

EXHIBIT "A"
LEGAL DESCRIPTION

PARCEL "A" (DD30305-01-01)

That portion of Government Lot 3 conveyed to the State of California by deed recorded July 20, 1995 as Document No. 1995-0309146 in the office of the County Recorder of San Diego County, in Section 31, Township 18 South, Range 1 East, San Bernardino Meridian, in the County of San Diego, State of California, according to United States Government Survey approved September 11, 1879, lying within a 51.00 foot wide strip of land, the Northerly line of said strip being the centerline of Siempre Viva Road per Easement for County Highway recorded July 01, 2002 as Document No. 2002-0553015 of Official Records [hereinafter R1], more particularly described as follows:

COMMENCING at the Southwest Corner of said Lot 3 being on the centerline of Enrico Fermi Drive;

Thence North 00°30'09" East 142.36 feet [North 00°30'12" East 142.31 feet per R1] along the Westerly line of said Lot 3 and centerline of Enrico Fermi Drive to the intersection with the centerline of Siempre Viva Road and the **TRUE POINT OF BEGINNING**;

Thence leaving said Westerly line South 89°29'40" East 406.19 feet [South 89°29'58" East 406.25 feet per R1] to the beginning of a tangent 1700.00 foot radius curve, concave Southerly;

Thence Easterly along said curve through a central angle of 11°28'42", a distance of 340.57 feet;

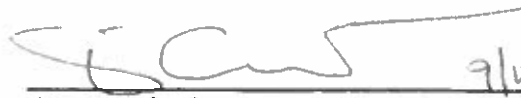
Thence South 78°00'58" East 355.11 feet [South 78°01'16" East 355.04 feet per R1] to the beginning of a tangent 1700.00 foot radius curve, concave Northerly;

Thence Easterly along said curve through a central angle of 09°54'35" [09°54'33" per R1], a distance of 294.03 feet [294.01 feet per R1] to the Easterly line of said Lot 3 and the **POINT OF TERMINUS**.

Excepting therefrom, that portion lying within SEGMENT 2 of State Highway Map No. 306, Relinquishment No. R27226, as relinquished per document recorded March 13, 2001 as Document No. 2001-0142719 of Official Records.

The Southerly sideline of said strip shall be prolonged or shortened so as to terminate in the Southerly line of said SEGMENT 2 and continued or shortened so as to terminate in the East line of said lands conveyed to the State of California.

Contains 1,972 Square Feet or 0.05 Acres, more or less.



Joseph G. Cresto
PLS 8050

9/12/2022

Date



END OF LEGAL DESCRIPTION



STEVENS
CRESTO
ENGINEERS

9665 Chesapeake Dr, Ste 200
San Diego, CA 92123
858.694.5660 stevenscrestocom

EXCESS PARCEL MAP KEY MAP

DD30305-01-01

PORTION OF WEST 1/2 OF SOUTHWEST 1/4 OF SECTION 31
T 18 S, R 1 E, S.B.M., COUNTY OF SAN DIEGO

SCE NO. 20022-04

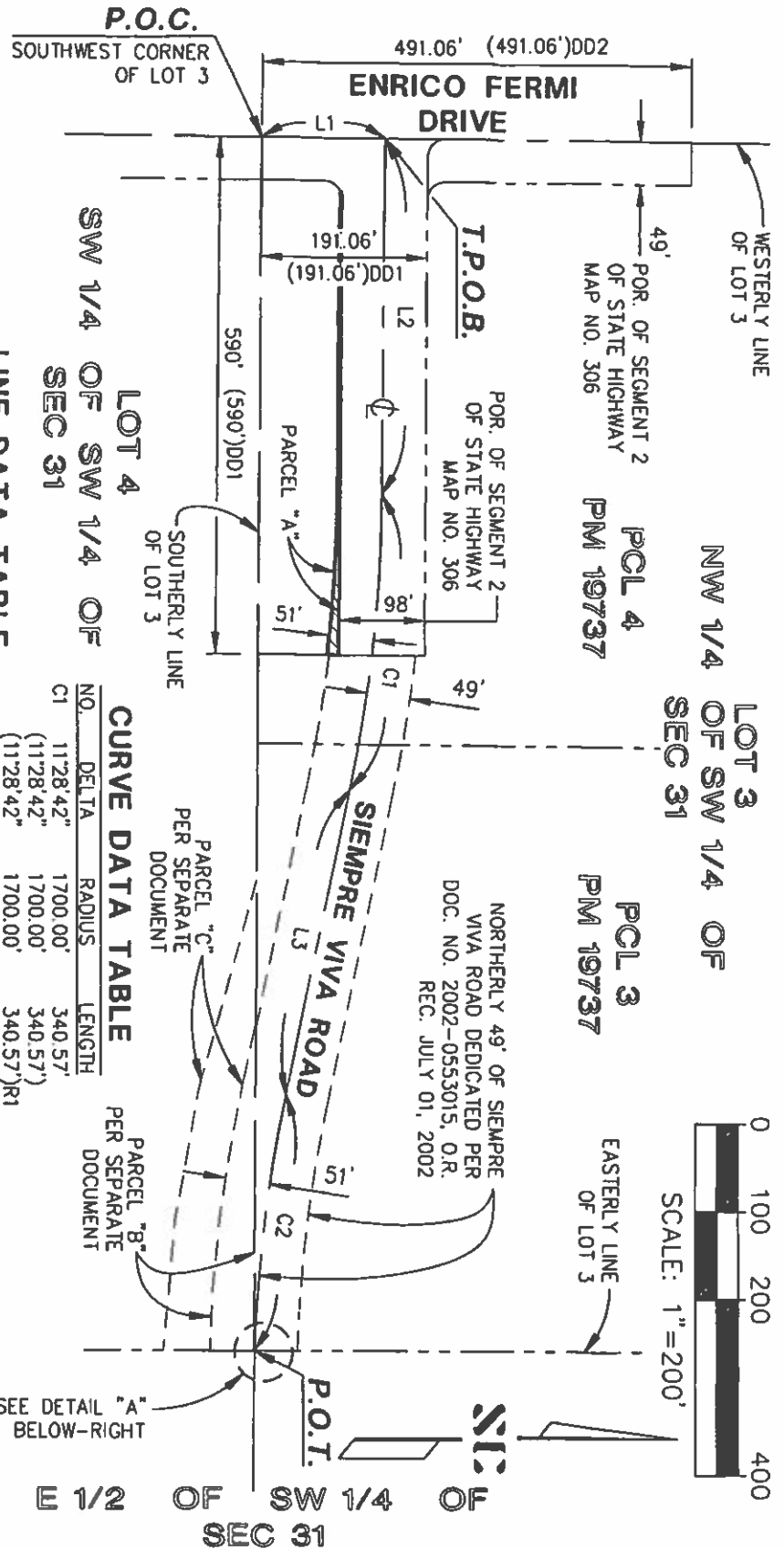
DATE: 2022 09 12

DWG: 20022 SVR CALTRANS - PCL A 01

DRAWN BY: AAH

CHECKED

B-77



LOT 4
SW 1/4 OF SW 1/4 OF
SEC 31

CURVE DATA TABLE

NO.	BEARING	LENGTH
L1	N00°30'09"E	142.36'
	(N00°30'21"E	142.31')
	(N00°30'12"E	142.31')R1
L2	S89°29'40"E	406.19'
	(N89°29'49"W	406.25')
	(S89°29'58"E	406.25')R1
	(S78°00'58"E	355.11'
	(N78°01'07"W	355.04')
	(S78°01'16"E	355.04')R1

LEGEND



INDICATES EXCESS PARCEL "A" (DD30305-01-01)
CONTAINS 1.972 SQ.FT. OR 0.05 ACRES, MORE OR LESS

INDICATES RECORD DATA PER
PARCEL MAP 19737.

INDICATES RECORD DATA PER EASEMENT
DOC. NO. 2002-0553015, O.R.
REC. JULY 01, 2002

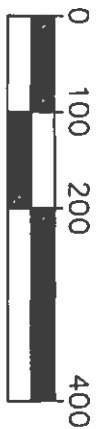
INDICATES RECORD DATA PER DEED
DOC. NO. 1995-0309146, O.R.
REC. JULY 20, 1995

INDICATES RECORD DATA PER DEED
DOC. NO. 1995-0309147, O.R.
REC. JULY 20, 1995

INDICATES POINT OF COMMENCEMENT

INDICATES POINT OF TERMINUS

INDICATES TRUE POINT OF BEGINNING



EXCESS PARCEL MAP
DD30305-01-01

PORTION OF WEST 1/2 OF SOUTHWEST 1/4 OF SECTION 31
T 18 S, R 1 E, S.B.M., COUNTY OF SAN DIEGO

P.O.C.
P.O.T.
T.P.O.B.

DETAIL "A"
NOT TO SCALE

INDICATES RECORD DATA PER DEED
DOC. NO. 1995-0309146, O.R.
REC. JULY 20, 1995

INDICATES RECORD DATA PER DEED
DOC. NO. 1995-0309147, O.R.
REC. JULY 20, 1995

9/12/2022
LICENSED LAND SURVEYOR
JOSEPH G. CRESTO
No. 8050
STATE OF CALIFORNIA

9665 Chesapeake Dr, Ste 200
San Diego, CA 92123
858.694.5660 stevenscrestos.com