

**NOTICE OF CITY COUNCIL WORKSHOP MEETING
CITY OF SOUTH PADRE ISLAND**

WEDNESDAY, JULY 15, 2020

11:00 AM AT THE MUNICIPAL BUILDING,
CITY COUNCIL CHAMBERS, 2ND FLOOR
4601 PADRE BOULEVARD, SOUTH PADRE ISLAND, TEXAS

1. Call to Order

2. Pledge of Allegiance and Texas Pledge

3. Public Comments and Announcements: This is an opportunity for citizens to speak to Council relating to agenda or non-agenda items. Speakers are required to address Council at the podium and give their name before addressing their concerns. [Note: State law will not permit the City Council to discuss, debate or consider items that are not on the agenda. Citizen comments may be referred to City Staff or may be placed on the agenda of a future City Council meeting]

4. Regular Agenda

4.1. Discussion and possible action regarding Laguna Boulevard design. (Sanchez)

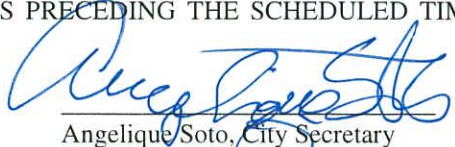
5. Adjourn.

We Reserve The Right To Go Into Executive Session Regarding Any Of The Items Posted On This Agenda, Pursuant To Sections 551.071, Consultation With Attorney; 551.072, Deliberations About Real Property; 551.073, Deliberations About Gifts & Donations; 551.074, Personnel Matters; 551.076, Deliberations About Security Devices; And/Or 551.087, Discuss (1) Commercial Or Financial Information Received From A Business Prospect With Which The City Is Conducting Negotiations, Or (2) Financial Or Other Incentives To The Business Project.

DATED THIS DAY THE 10TH OF JULY 2020.


Angelique Soto, City Secretary

I, THE UNDERSIGNED AUTHORITY, DO HEREBY CERTIFY THAT THE ABOVE NOTICE OF MEETING OF THE CITY COUNCIL OF THE CITY OF SOUTH PADRE ISLAND, TEXAS IS A TRUE AND CORRECT COPY OF SAID NOTICE AND THAT I POSTED A TRUE AND CORRECT COPY OF SAID NOTICE ON THE BULLETIN BOARD AT CITY HALL/MUNICIPAL BUILDING ON **THIS DAY THE 10TH OF JULY 2020.**, AT/OR BEFORE 5:30 P.M. AND REMAINED SO POSTED CONTINUOUSLY FOR AT LEAST 72 HOURS PRECEDING THE SCHEDULED TIME OF SAID MEETING.


Angelique Soto, City Secretary

THIS FACILITY IS WHEELCHAIR ACCESSIBLE, AND ACCESSIBLE PARKING SPACES ARE AVAILABLE. REQUESTS FOR ACCOMMODATIONS OR INTERPRETIVE SERVICES MUST BE MADE 48 HOURS PRIOR TO THIS MEETING. PLEASE CONTACT BUILDING OFFICIAL, BELINDA TARVER AT (956)761-8103.



**CITY OF SOUTH PADRE ISLAND
CITY COUNCIL
AGENDA REQUEST FORM**

MEETING DATE: July 15, 2020

NAME & TITLE: Alex Sanchez, Public Works Director

DEPARTMENT: Public Works Department

ITEM

Discussion and possible action regarding Laguna Boulevard design. (Sanchez)

ITEM BACKGROUND

Laguna Boulevard is under design. Over the past years there have been many design concepts. The topographic survey has been completed and a rough design has begun. Various alternatives exist and which present different obstacles that will need to be addressed. The current design show which areas will need the most public input and what areas are not affected as much.

BUDGET/FINANCIAL SUMMARY

N/A

COMPREHENSIVE PLAN GOAL

- 4.X. Preservation of the traffic carrying capacities of roadways
- 4.Y. Suitable street infrastructure commensurate with traffic demands and volumes
- 4.Z. Advance planning for an efficient street network
- 4.BB> Enhancement corridor appearance and contribution to Town character

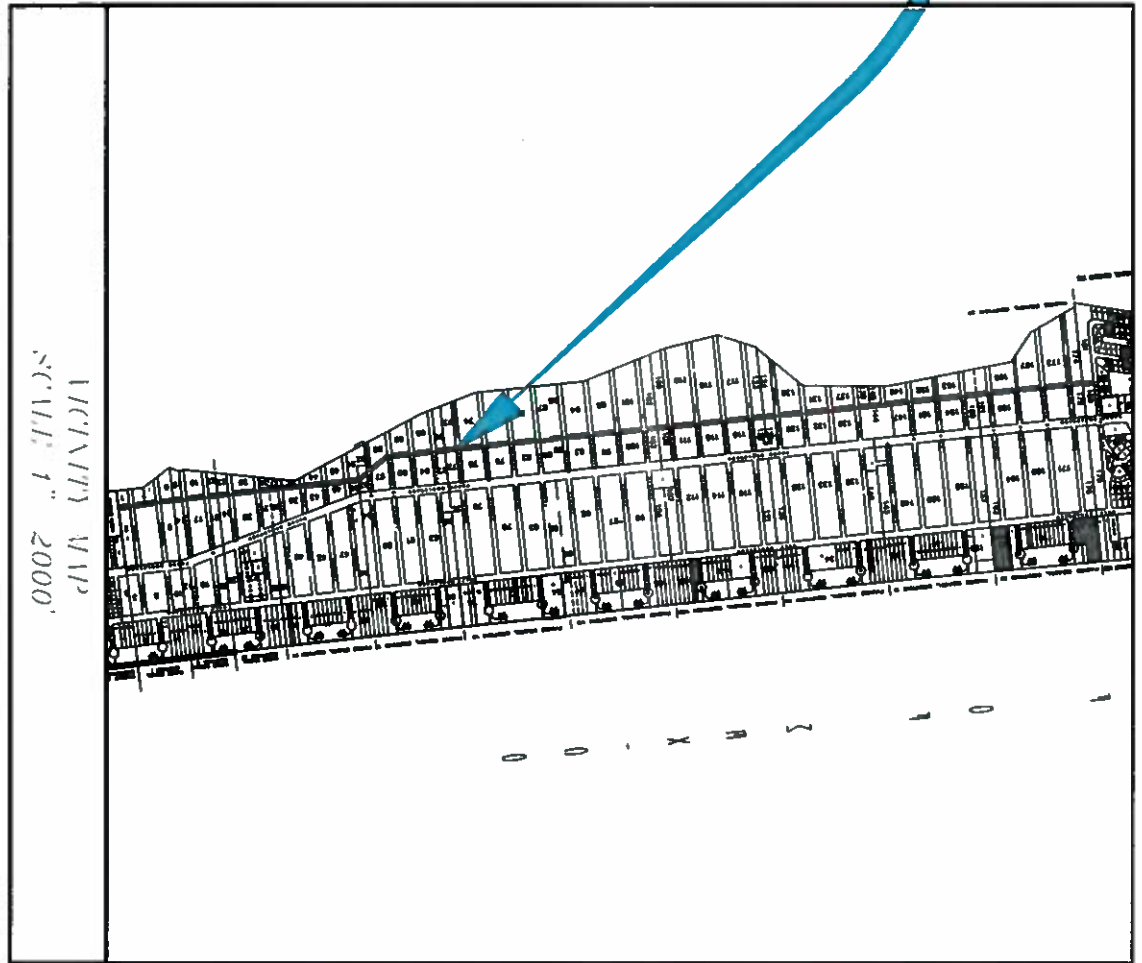
LEGAL REVIEW

Sent to Legal: No
Approved by Legal: No

RECOMMENDATIONS/COMMENTS:

CONSTRUCTION PLANS FOR LAGUNA BOULEVARD STREET AND DRAINAGE IMPROVEMENTS

PROJECT
LOCATION



IN
SOUTH PADRE ISLAND
TEXAS

JUNE 24, 2020

DESCRIPTION	SHEET NO.
TITLE SHEET	1
MUDONADO-BURKETT SURVEY	2-8
CONSTRUCTION NOTES	9
EXISTING TYPICAL SECTIONS (0+00 TO 4+50)	10
EXISTING TYPICAL SECTIONS (4+50 TO 18+20)	11
EXISTING TYPICAL SECTIONS (18+20 TO 28+00)	12
EXISTING TYPICAL SECTIONS (28+00 TO 111+50)	13
PROPOSED TYPICAL SECTIONS (0+00 TO ??)	14
PROPOSED TYPICAL SECTIONS (?? TO 111+50)	15
PLAN AND PROFILE (0+00 TO 5+00)	16
PLAN AND PROFILE (5+00 TO 10+00)	17
PLAN AND PROFILE (10+00 TO 15+00)	18
PLAN AND PROFILE (15+00 TO 20+00)	19
PLAN AND PROFILE (20+00 TO 25+00)	20
PLAN AND PROFILE (25+00 TO 28+00)	21
PLAN AND PROFILE (28+00 TO 32+00)	22
PLAN AND PROFILE (32+00 TO 37+00)	23
PLAN AND PROFILE (37+00 TO 42+00)	24
PLAN AND PROFILE (42+00 TO 47+00)	25
PLAN AND PROFILE (47+00 TO 52+00)	26
PLAN AND PROFILE (52+00 TO 57+00)	27
PLAN AND PROFILE (57+00 TO 62+00)	28
PLAN AND PROFILE (62+00 TO 67+00)	29
PLAN AND PROFILE (67+00 TO 72+00)	30
PLAN AND PROFILE (72+00 TO 77+00)	31
PLAN AND PROFILE (77+00 TO 82+00)	32
PLAN AND PROFILE (82+00 TO 87+00)	33
PLAN AND PROFILE (87+00 TO 92+00)	34
PLAN AND PROFILE (92+00 TO 97+00)	35
PLAN AND PROFILE (97+00 TO 102+00)	36
PLAN AND PROFILE (102+00 TO 107+00)	37
PLAN AND PROFILE (107+00 TO 112+00)	38

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CAS 06-24-2020

**LAGUNA BOULEVARD
STREET & DRAINAGE IMPROVEMENTS**

TITLE SHEET

PUBLIC WORKS

South Padre Island

**4801 PADRE BLVD.
SOUTH PADRE ISLAND
TEXAS 78597**

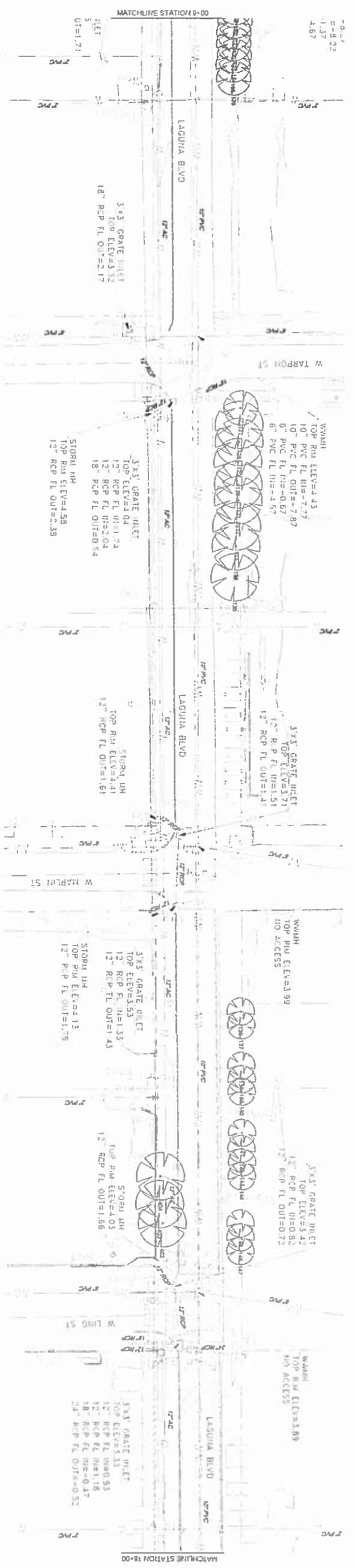
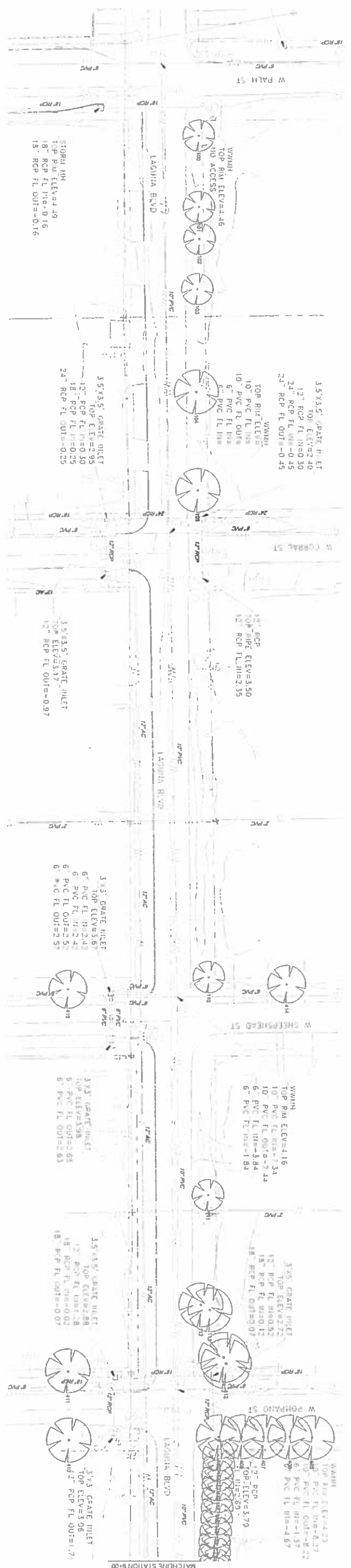
(956) 761-8166
Fax (956) 761-8898

SCALE: AS SHOWN REVISIONS: SHEET **1** OF 40

DRAWN BY: CAS DATE: 06/24/2020

FILE: LAGUNABLVD-B.DWG

LAGUNA BLVD ROADWAY PROJECT SOUTH PADRE ISLAND, TEXAS

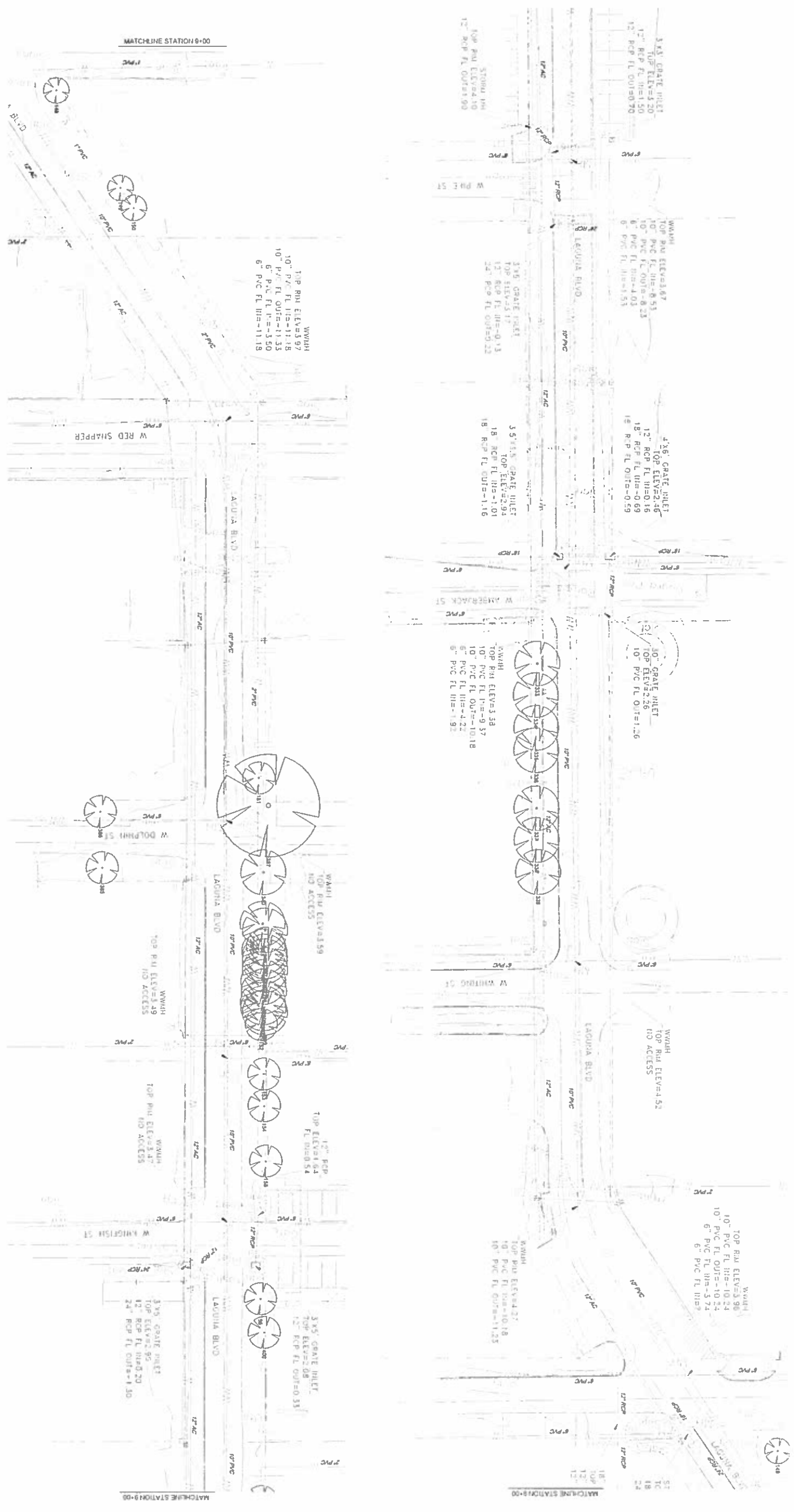



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MALDONADO - BURKETT	
ENGINEERS SURVEYORS CONTRACTORS	
CLIENT	CITY OF SOUTH PADRE ISLAND
PROJECT	LAGUNA BOULEVARD TPO
DRAWING FILE	0111 LAG-SDP-FINAL SURVEY 4.8.2020.dwg
TECHNICIAN	Chris Herrera
DESIGNED	Camille L. Moore, P.E., S.
SCALE	1" = 30'
DATE OF DRAWING	April 8, 2020

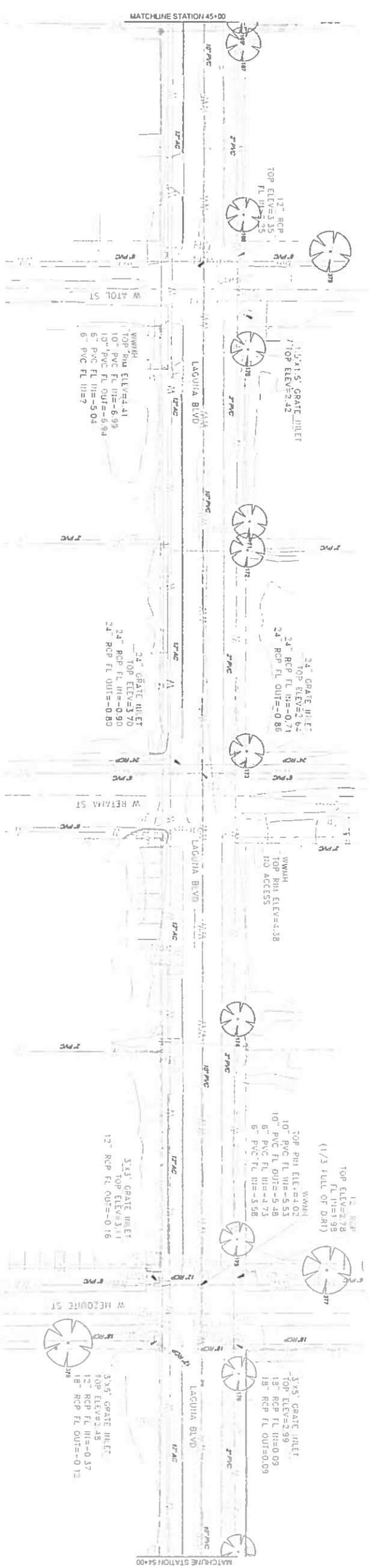
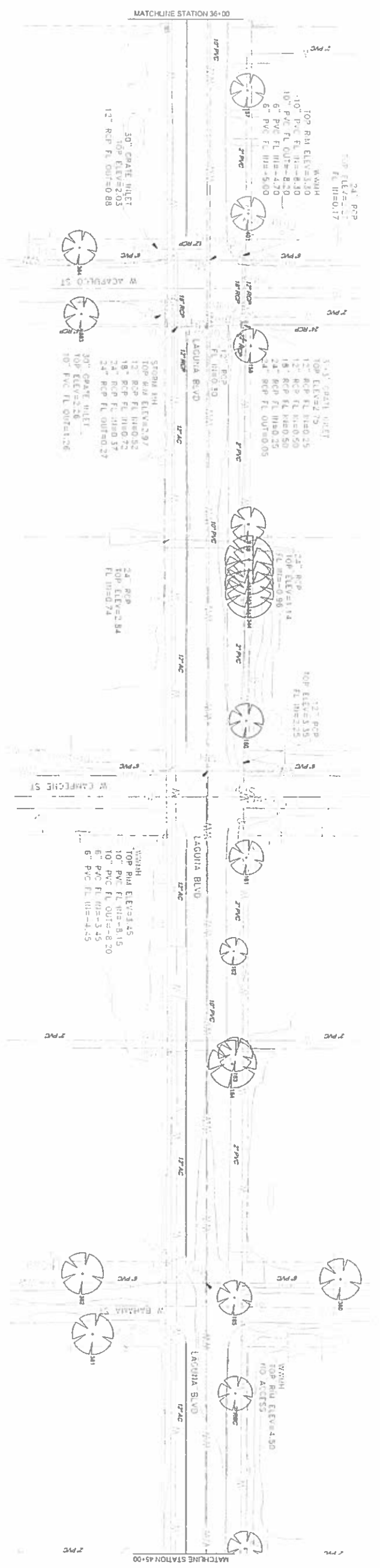
LAGUNA BLVD ROADWAY PROJECT SOUTH PADRE ISLAND, TEXAS

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		PROJECT	LAGUNA BOULEVARD TOWNSHIP
DRAWING FILE PROJECT NUMBER SHEET NUMBER DATE OF DRAWING		DESIGNED BY	BRITTA BOWEN/ANNA BOWEN/45200.dwg
		CHECKED BY	CHRIS L. BURKETT/813
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		DATE OF DRAWING	APRIL 8, 2020

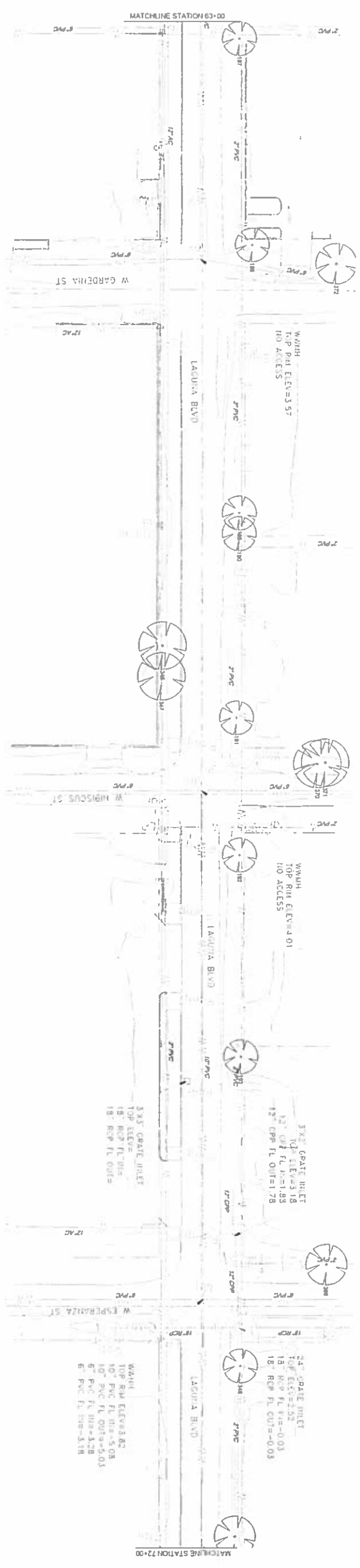
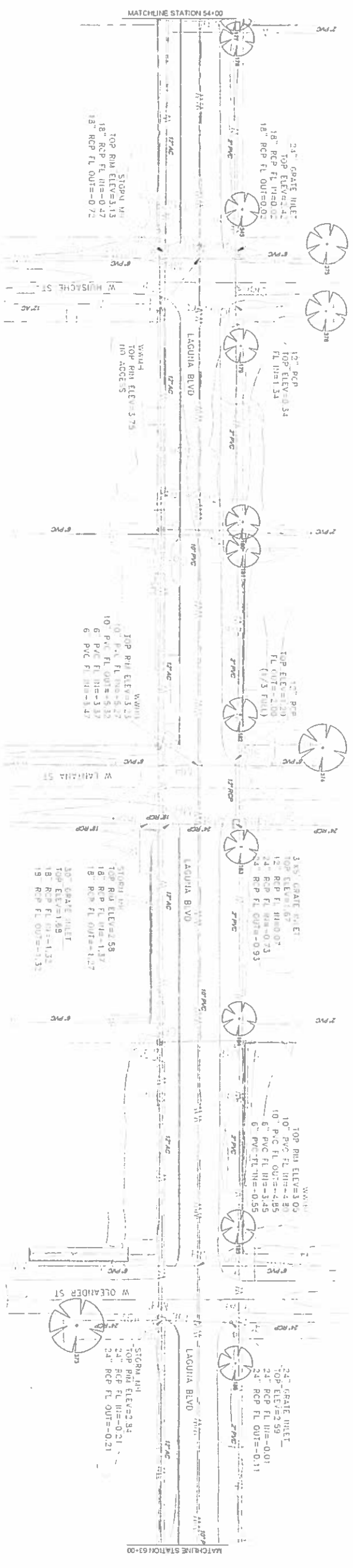
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MALDONADO - BURKETT	
ENGINEERS SURVEYORS CONTRACTORS	
CLIENT	CITY OF SOUTH PADRE ISLAND
PROJECT	LAGUNA BOULEVARD IMPROVEMENTS
DRAWING FILE	SDI11-LAG-SP17-FINAL SURVEY 4-9-2020.dwg
TECHNICIAN	Chris Herrera
CHECKED	Camille Lujan BPLS
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DATE OF DRAWING	APRIL 9, 2020

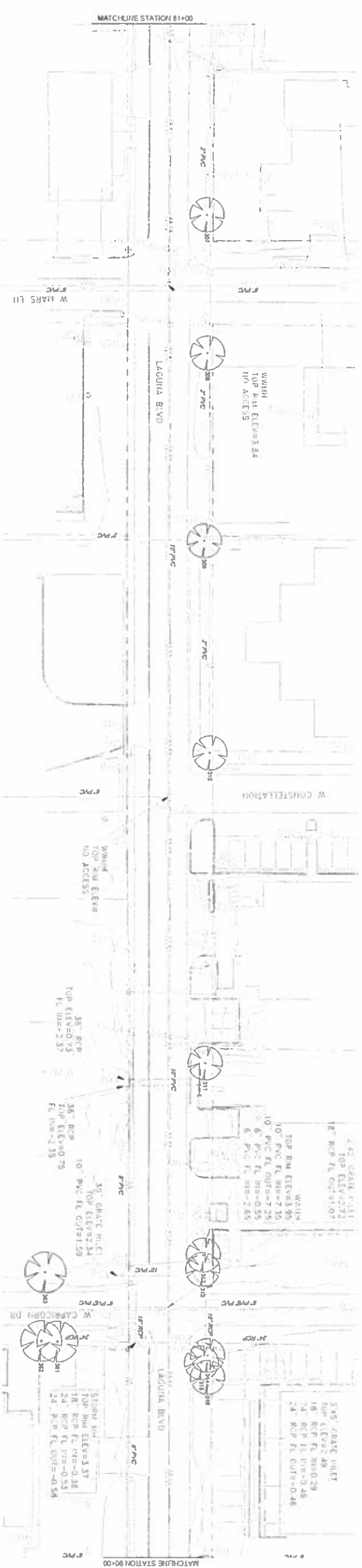
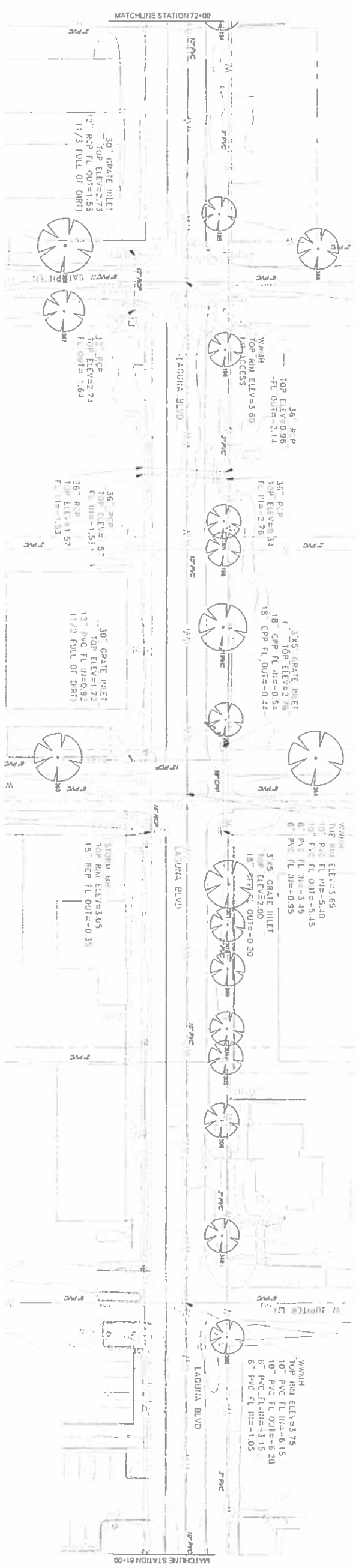
LAGUNA BLVD ROADWAY PROJECT SOUTH PADRE ISLAND, TEXAS



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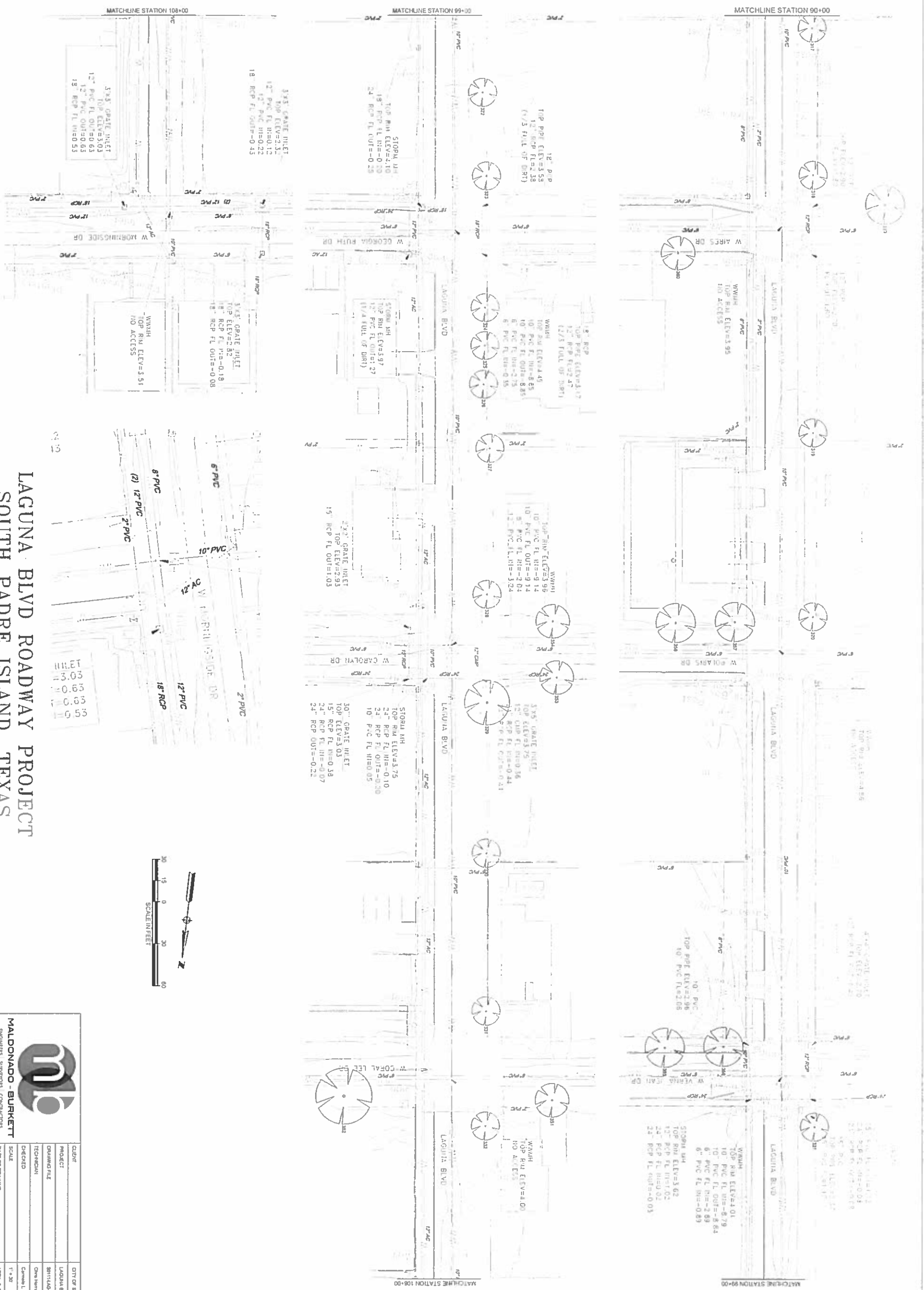
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		PROJECT	LAGUNA BOULEVARD PROJECT
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		TECHNICIAN	CHEYENNE L. MASON, PLS
Maldonado-Burkett ENGINEERS ARCHITECTS CONTRACTORS		CHECKED	CHEYENNE L. MASON, PLS
		SCALE	1" = 30'
Maldonado-Burkett ENGINEERS ARCHITECTS CONTRACTORS		DATE OF DRAWING	APRIL 9, 2020

LAGUNA BLVD ROADWAY PROJECT SOUTH PADRE ISLAND, TEXAS




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	CLIENT	CITY OF SOUTH PADRE ISLAND
	PROJECT	LAGUNA BOULEVARD TPO
MALDONADO - BURKETT ENGINEERS SURVEYORS CONSULTANTS	DRAWING FILE	S:\111\LAGUNA\FINAL SURVEY 4.8.2020.dwg
	TECHNOLOGIST	Chris Herrera
SCALE 1" = 30'	CHECKED	Camille L. Mazon, PLS
	DATE OF DRAWING	APRIL 9, 2020



LAGUNA BLVD ROADWAY PROJECT
SOUTH PADRE ISLAND, TEXAS


 <p>MALDONADO-BURKETT ENGINEERS SUPERVISORS CONSTRUCTORS</p>		CLIENT	CITY OF SOUTH PADRE ISLAND
		PROJECT	LAGUNA BOULEVARD CORO
DRAWING FILE		TECHNICIAN	Chris Herrera
DESIGNED		CHECKED	Carmelo L. Mena, P.E., S.
SCALE		DATE OF DRAWING	APRIL 8, 2020

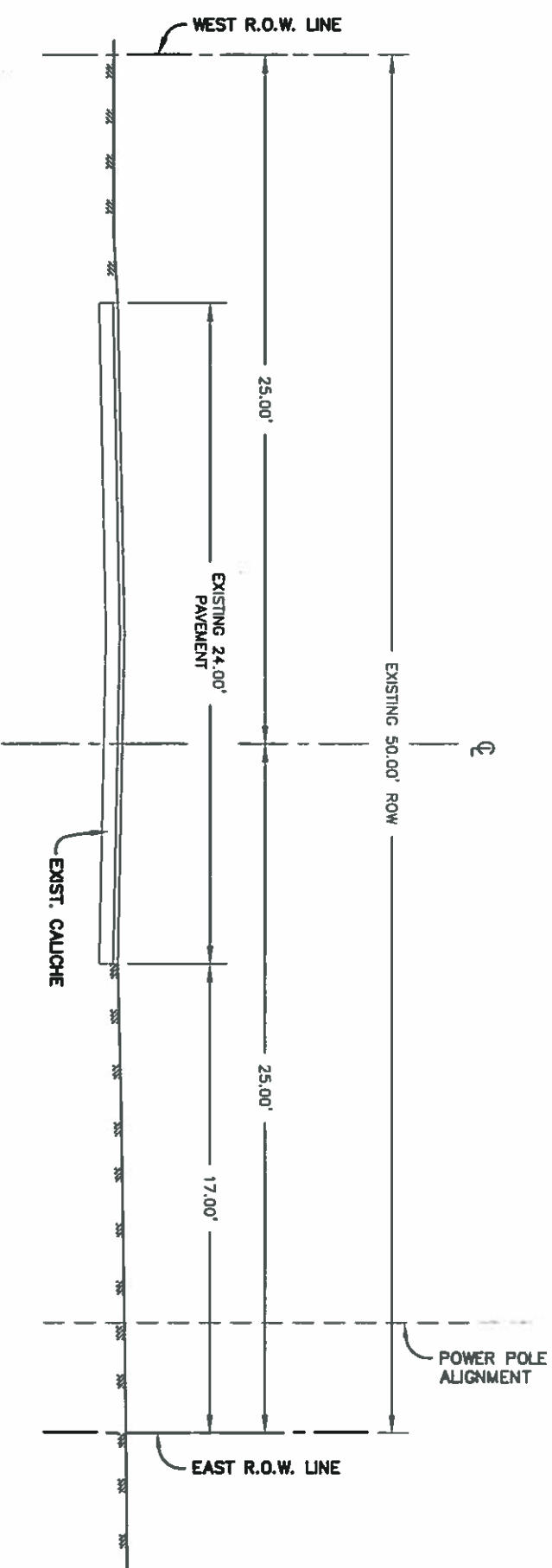
PROJECT NOTES:

1. THE LOCATION, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY RECORDS AND PLANS WHICH ARE CONSIDERED APPROXIMATES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH UTILITY COMPANIES TO VERIFY LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ADJACENT AND/OR CONFLICTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION IN ORDER THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE IN MARKING ALL UTILITIES BEFORE COMMENCING CONSTRUCTION. CONTRACTOR TO NOTIFY TEXAS 811 (800-DIG-TESS OR WWW.TEXAS811.ORG).
3. THE CONTRACTOR SHALL PRESERVE AND PROTECT PUBLIC UTILITIES AT ALL TIMES DURING CONSTRUCTION. ANY DAMAGE TO UTILITIES RESULTING FROM CONTRACTOR'S OPERATIONS SHALL BE RESTORED AT HIS EXPENSE. UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST TEN (10) DAYS IN ADVANCE OF CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE IN PROVIDING ALL CONSTRUCTION STAKING.
5. PREPARATION OF RIGHT OF WAY PREPARATION FOR CONSTRUCTION OPERATIONS SHALL INCLUDE REMOVAL AND DISPOSAL OF ALL OBSTRUCTIONS FROM THE RIGHT OF WAY AND FROM DESIGNATED EASEMENT. THIS ITEM SHALL INCLUDE THE REMOVAL OF TREES AND SHRUBS AND OTHER LANDSCAPE FEATURES NOT DESIGNATED FOR PRESERVATION OR RELOCATED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REPAIRED ANY DAMAGE TO STREETS OF THE CITY CAUSED BY DELIVERY OF MATERIALS AND/OR SUPPLIED TO THE CONSTRUCTION SITE, OR BY THE OPERATION OF EQUIPMENT AND SHALL MAKE REPAIRS IN THE MANNER AND TIME PROVIDED BY CITY INSPECTOR.
7. NON-RUBBER WHEELED VEHICLES ARE PROHIBITED FROM BEING PLACED UPON OR OPERATED UPON ANY PAVED STREET WITHIN THE CITY.
8. THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIAL FROM THE PROJECT AREA. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT AND IS NOT A SEPARATE PAY ITEM.
9. EXCAVATED MATERIALS REMOVED FROM THE CITY'S RIGHT OF WAY MAY NOT BE REMOVED FROM THE CITY'S LIMITS. THE CITY HAS A LIST OF LOTS IN WHICH IT MAY BE DISPOSED OF. THE EXCAVATED MATERIAL MUST BE FREE OF DEBRIS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE IN OBTAINING ALL REQUIRED PERMITS. A RIGHT OF WAY (R.O.W.) PERMIT AND EASEMENT PERMIT SHALL BE OBTAINED PRIOR TO ANY CONSTRUCTION WORK ON CITY R.O.W. OR EASEMENT RESPECTIVELY.
11. CONTRACTOR WILL NOT BLOCK DRAINAGE WHEN HANDLING AND STOCKPILING EXCAVATED MATERIAL AND SHALL MAINTAIN POSITIVE DRAINAGE DURING ALL PHASES OF CONSTRUCTION.
12. CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS AND INTERSECTIONS THROUGH ALL PHASES OF CONSTRUCTION.
13. FOR PROPERTIES WITH A SINGLE DRIVE, DRIVEWAYS SHALL BE CONSTRUCTED SO THAT ONE HALF OF THE DRIVE IS OPEN AT ALL TIMES. IF CONSTRUCTING THE DRIVE IN TWO HALVES WILL NOT ALLOW ACCESS TO THE PROPERTY, TEMPORARY ALL-WEATHER ACCESS SHALL BE PROVIDED. NO PORTION OF THE DRIVE SHALL BE CLOSED FOR A PERIOD LONGER THAN CALENDAR DAYS.
14. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF SOUTH PADRE ISLAND SPECIFICATIONS UNLESS OTHERWISE ON THE APPROVED PLANS.
15. TRENCH EXCAVATIONS WITH A DEPTH OF 5 FEET OR MORE SHALL HAVE APPROPRIATE TRENCH PROTECTION SUCH AS SHEETING, SHORING AND BRACING PER OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS GOVERNING EXCAVATION. TRENCH SIDE SLOPES SHALL MEET OSHA STANDARDS THAT ARE IN EFFECT AT THE TIME OF CONSTRUCTION.
16. CONTRACTOR TO PROTECT EXPOSED PITS THAT MUST REMAIN OPEN DURING NON-WORKING HOURS AS PER OSHA REQUIREMENTS.
17. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING TO PROTECT PEDESTRIANS FROM ANY ACTIVE WORK SITES AREA.

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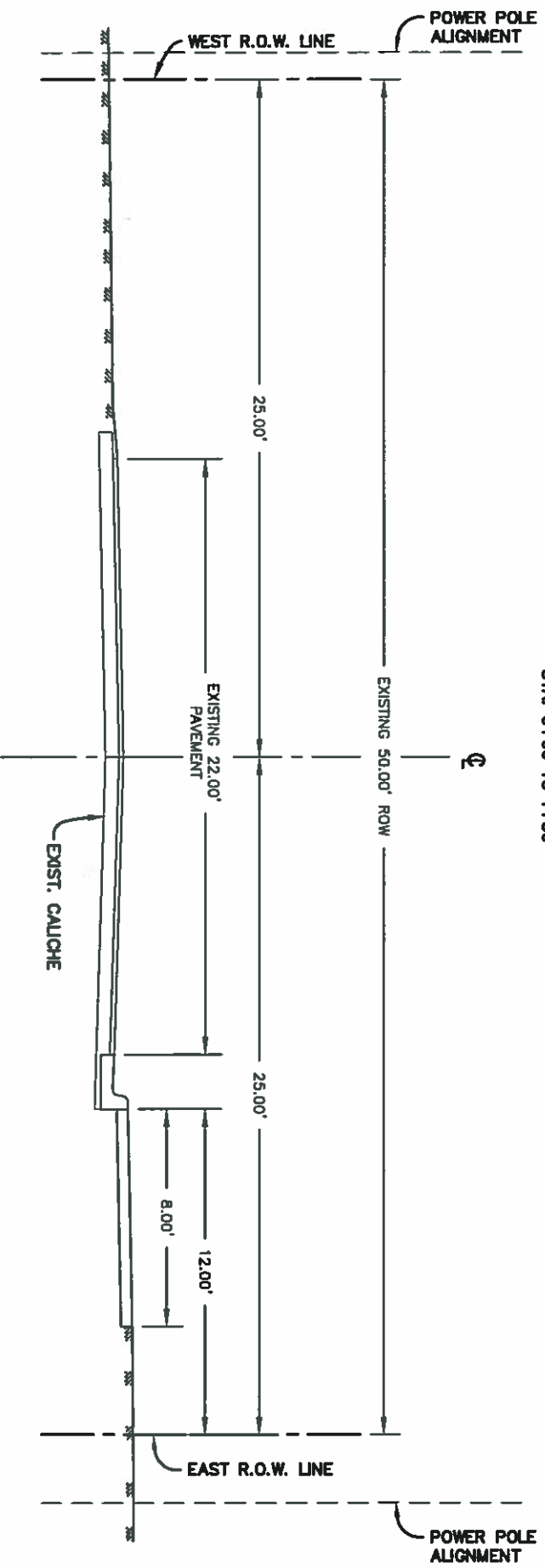
CAS 06-24-2020

LACUNA BOULEVARD STREET & DRAINAGE IMPROVEMENTS	
PROJECT NOTES	PUBLIC WORKS
	
4601 PADRE BLVD. SOUTH PADRE ISLAND TEXAS 78697 (956) 761-8158 Fax (956) 761-8898	
SCALE: AS SHOWN	REVISIONS: SHEET
DRAWN BY: CAS	
DATE: 06/24/2020	
FILE: LAGUNA BLVD-B.DWG	9 OF 40



EXISTING
50' ROW TYPICAL SECTION
SCALE: 1/8" = 1'

STA. 0+00 TO 1+50




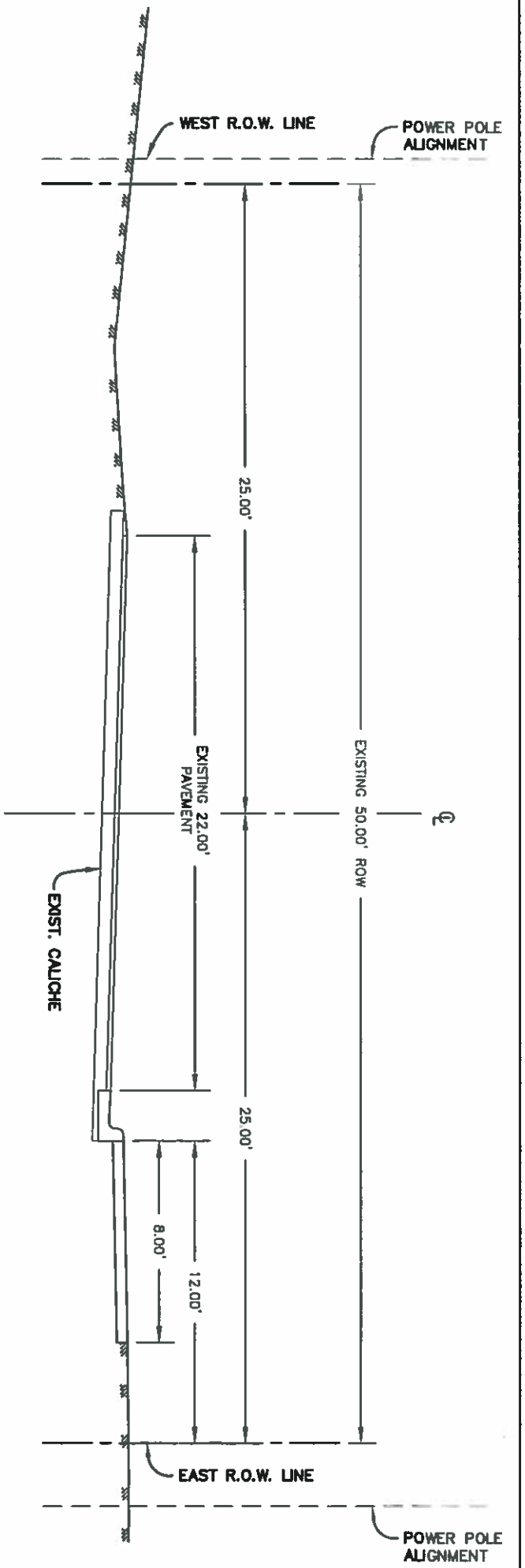
EXISTING
50' ROW TYPICAL SECTION
SCALE: 1/8" = 1'

STA. 1+50 TO 4+50

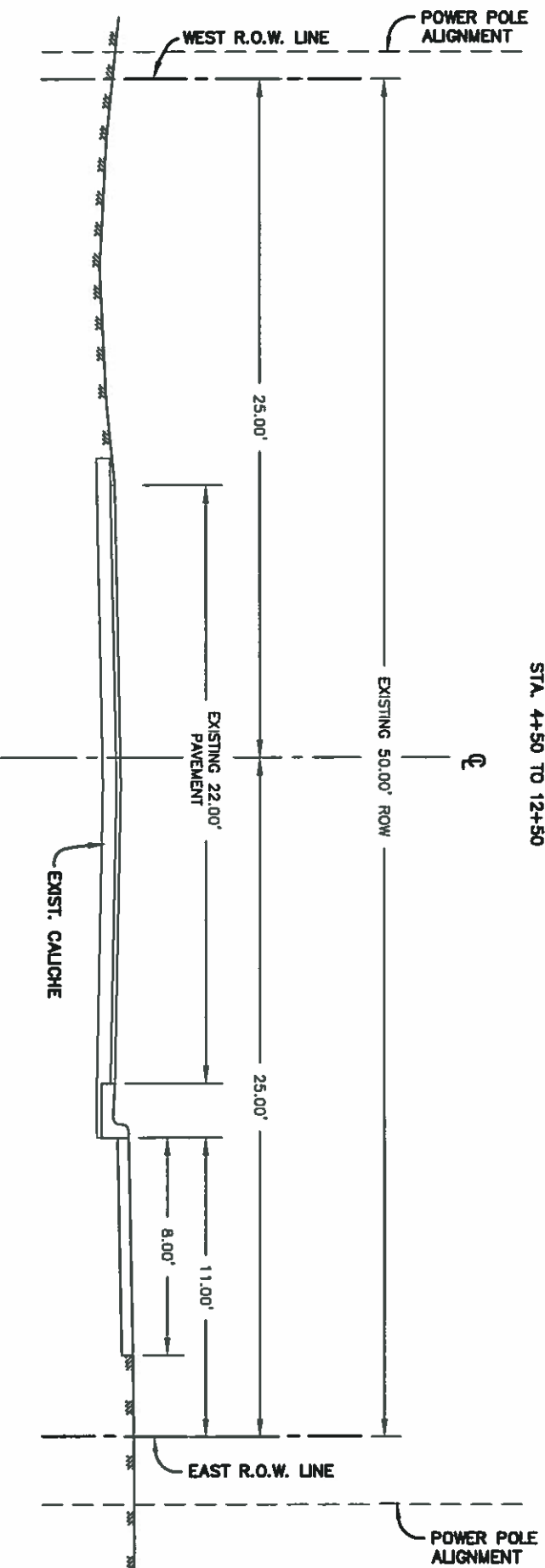
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LAGUNA BOULEVARD STREET & DRAINAGE IMPROVEMENTS	
EXISTING CROSS-SECTIONS STA. 0+00 TO 4+50	
PUBLIC WORKS	
 4601 PADRE BLVD. SOUTH PADRE ISLAND TEXAS 78687 (980) 761-8168 Fax (980) 761-3698	SHEET 10 OF 40
SCALE: AS SHOWN DRAWN BY: CAS DATE: 06/24/2020 FILE: LAGUNABLDV-DESIGN1	REVISIONS:




EXISTING
50' R.O.W. TYPICAL SECTION
SCALE: 1/8" = 1'
STA. 4+50 TO 12+50

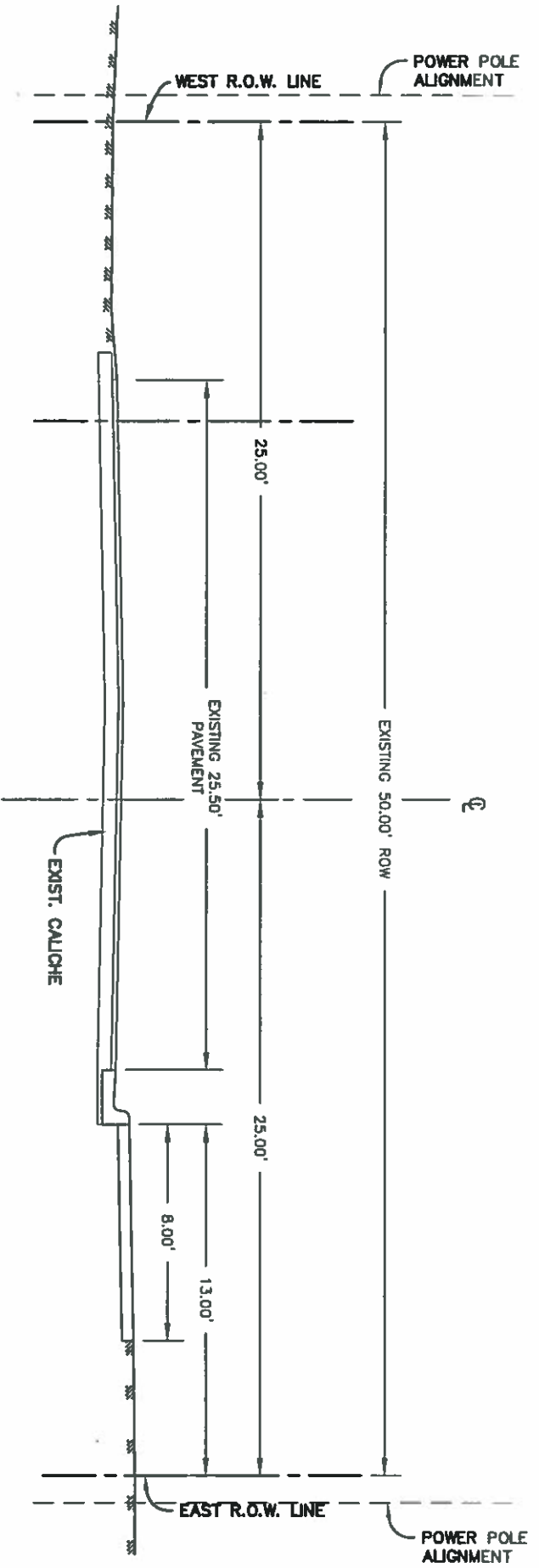


EXISTING
50' R.O.W. TYPICAL SECTION
SCALE: 1/8" = 1'
STA. 12+50 TO 18+20

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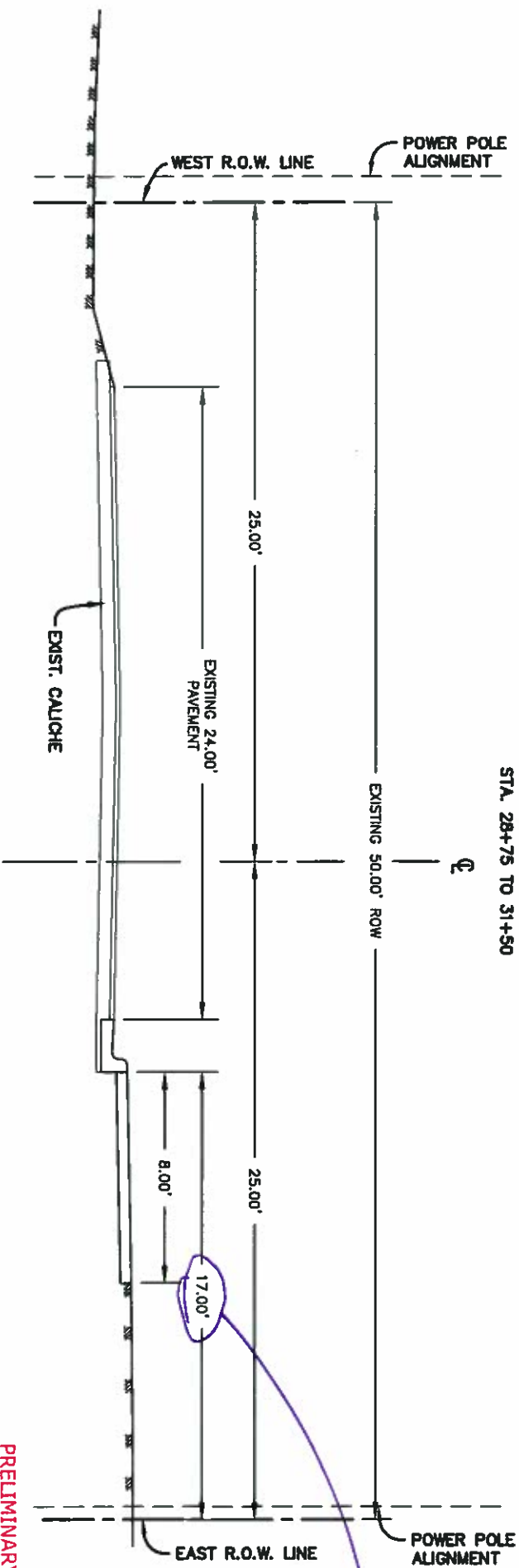
CAS 06-24-2020

LACUNA BOULEVARD STREET & DRAINAGE IMPROVEMENTS	
EXISTING CROSS-SECTIONS STA. 4+50 TO 18+20	
PUBLIC WORKS	
 4601 PADRE BLVD. SOUTH PADRE ISLAND TEXAS 78697 (956) 761-8168 Fax (956) 761-8898	SHEET 11 OF 40
SCALE: AS SHOWN	REVISIONS:
DRAWN BY: CAS	
DATE: 06/24/2020	
FILE: LAGUNABLDV-DESIGN1	



EXISTING
50' ROW TYPICAL SECTION
SCALE: 1/8" = 1'

STA. 18+20 TO 20+50
STA. 28+75 TO 31+50



EXISTING
50' ROW TYPICAL SECTION
SCALE: 1/8" = 1'

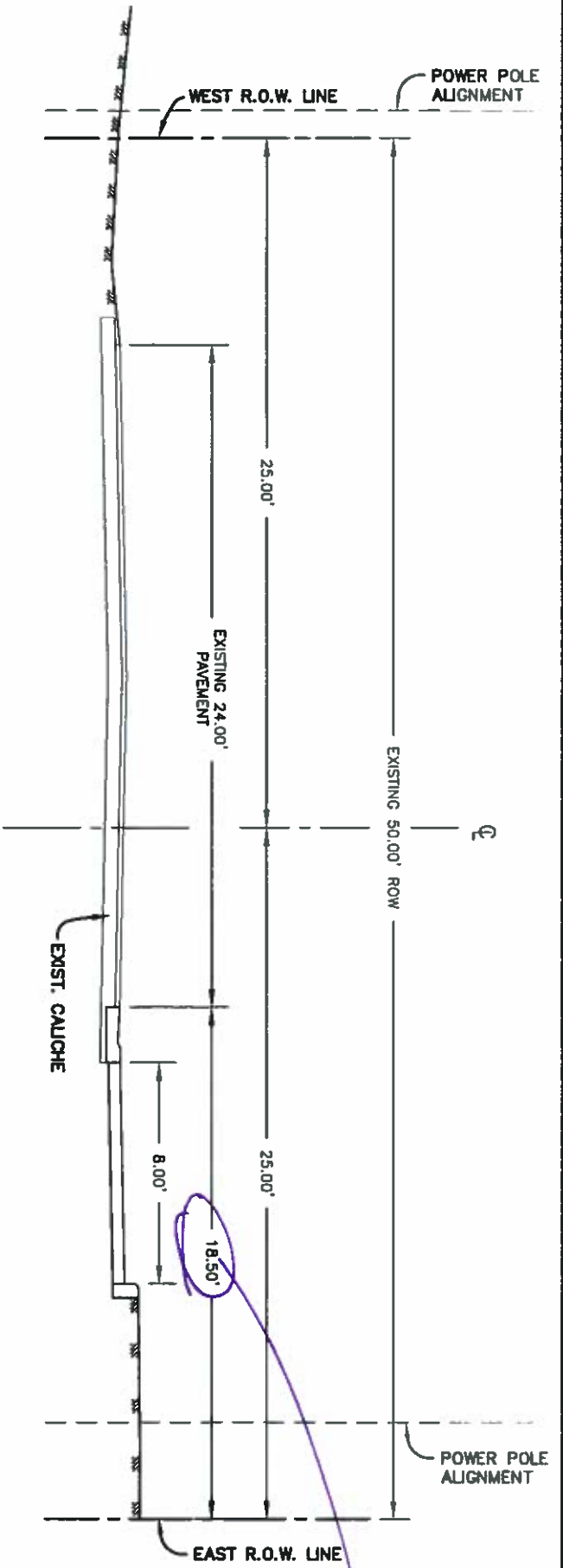
STA. 20+50 TO 26+00

Restrict what can be built

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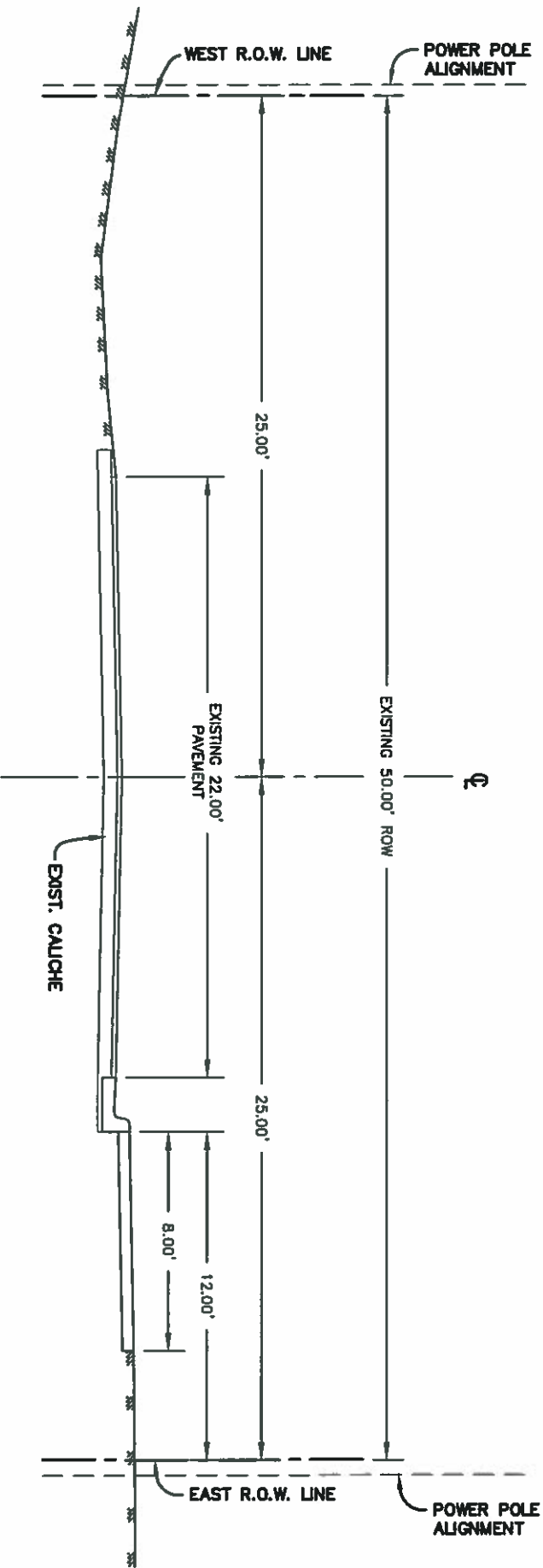
CAS 06-24-2020

LAGUNA BOULEVARD STREET & DRAINAGE IMPROVEMENTS	
EXISTING CROSS-SECTIONS STA. 18+20 TO 26+00	
PUBLIC WORKS	4601 PADRE BLVD. SOUTH PADRE ISLAND TEXAS 78697
SCALE: AS SHOWN DRAWN BY: CAS DATE: 06/24/2020 FILE: LAGUNABLVD-DESIGN1	(986) 761-8168 Fax (986) 761-8898
SHEET 12	OF 40



Restrictive of what can be built

EXISTING
50' ROW TYPICAL SECTION
SCALE: 1/8" = 1'
STA. 26+00 TO 28+75



EXISTING
50' ROW TYPICAL SECTION
SCALE: 1/8" = 1'
STA. 31+50 TO 111+50

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CAS 06-24-2020

LAGUNA BOULEVARD STREET & DRAINAGE IMPROVEMENTS	
EXISTING CROSS-SECTIONS STA. 88+00 TO 111+50	
PUBLIC WORKS	4601 PADRE BLVD. SOUTH PADRE ISLAND TEXAS 78697 (989) 761-8168 Fax (989) 761-8688
SCALE: AS SHOWN DRAWN BY: CAS DATE: 06/24/2020 FILE: LAGUNABVD-DESIGN1	SHEET 13 OF 40


Proposed Street Cross-Section

1. How wide travel lane should be? (9' is minimum)
2. Do we need/want parking in Entertainment District?
3. Is a bike lane needed?
 - a. Sidewalk/Bike shared use
 - b. Designated Bike lane on West shoulder
 - c. Traffic/Bike shared use
4. How wide sidewalk needs to be? (Min 5' to meet TAS/ADA)

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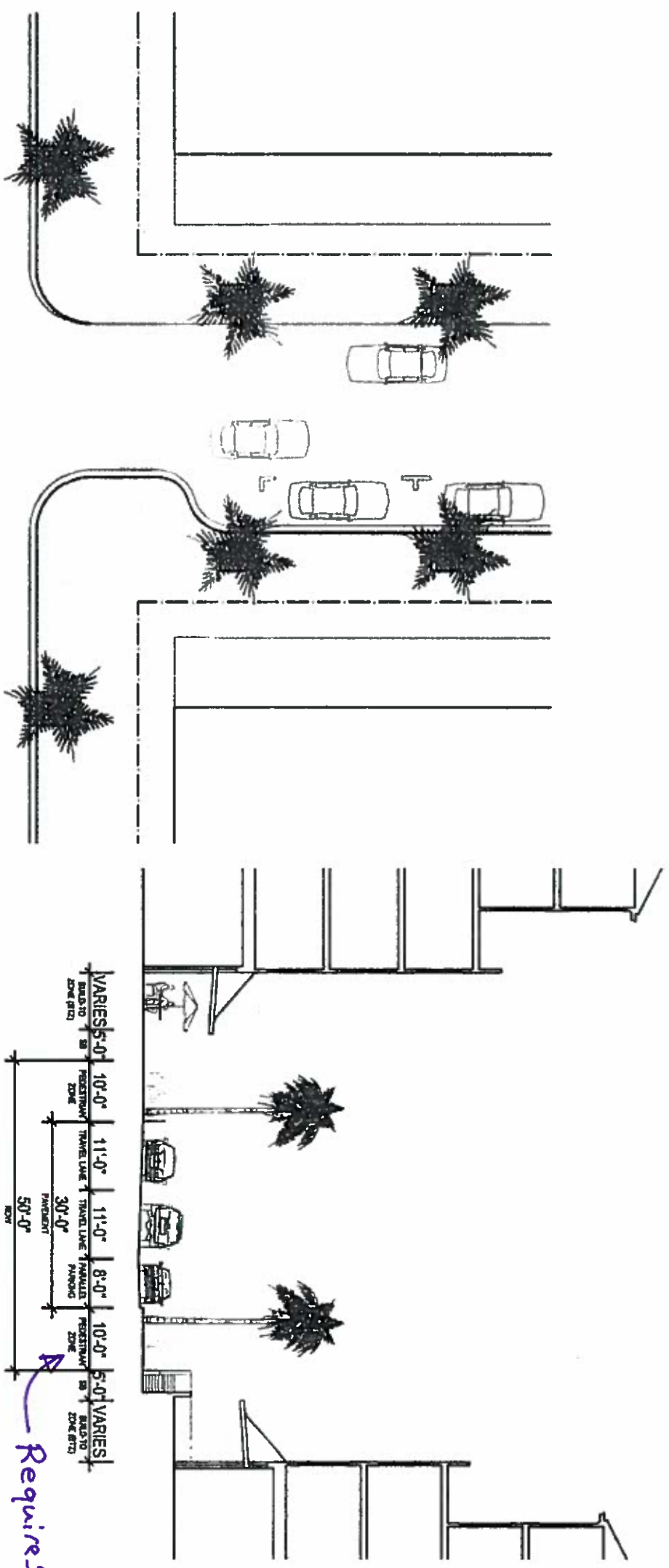
CAS 06-24-2020

<p>LACUNA BOULEVARD STREET & DRAINAGE IMPROVEMENTS</p>	
<p>PROPOSED TYPICAL CROSS-SECTIONS STA. 0+00 TO</p>	
<p>PUBLIC WORKS</p>	
	
<p>4601 PADRE BLVD. SOUTH PADRE ISLAND TEXAS 78697 Tel (989) 761-8168 Fax (989) 761-9698</p>	
SCALE: AS SHOWN	REVISIONS: SHEET
DRAWN BY: CAS	14
DATE: 06/24/2020	OF 30
FILE: LAGUNABLD-B.DWG	

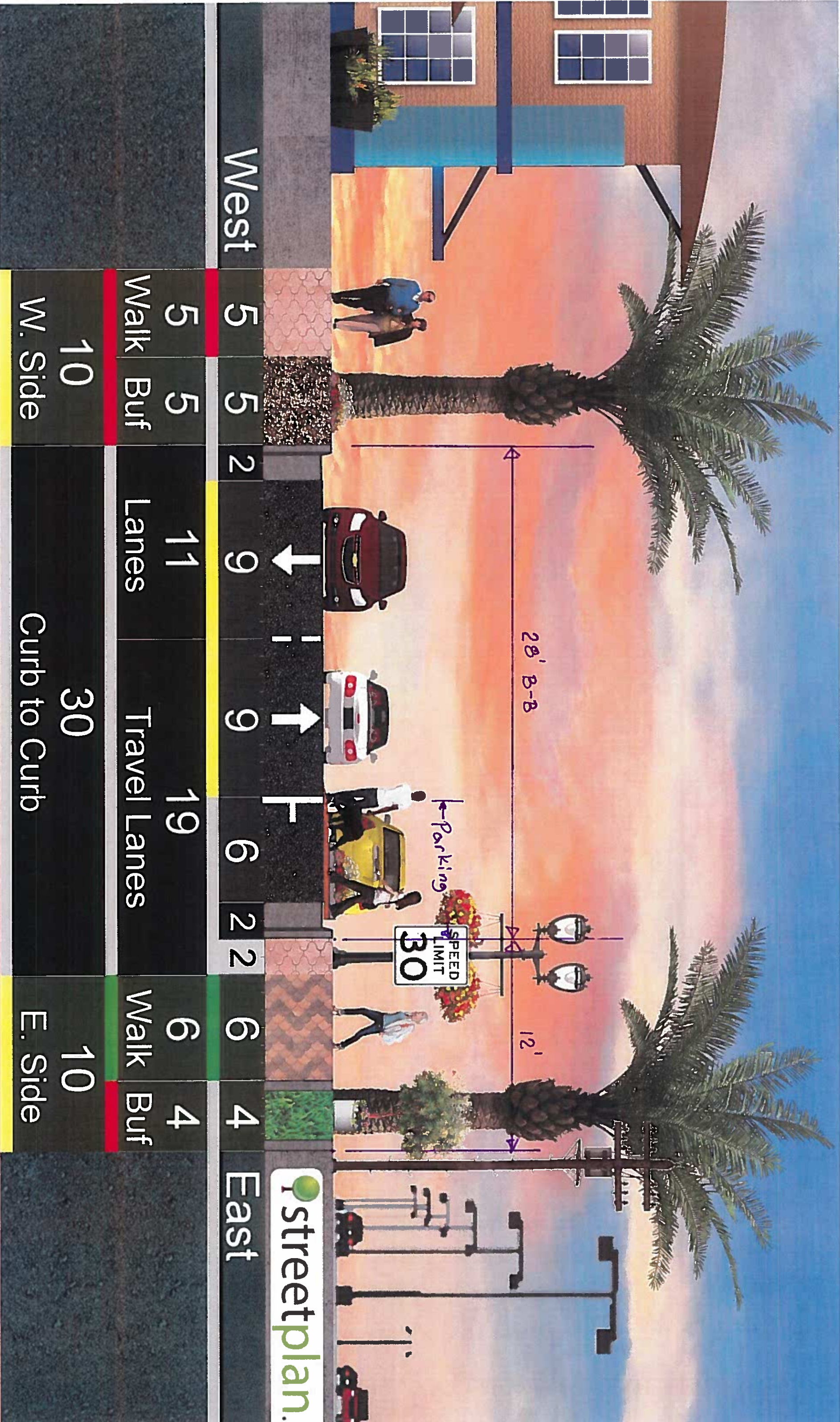
Option 1A-0

City of South Padre Island
PADRE BOULEVARD AND ENTERTAINMENT DISTRICT
DESIGN GUIDELINES

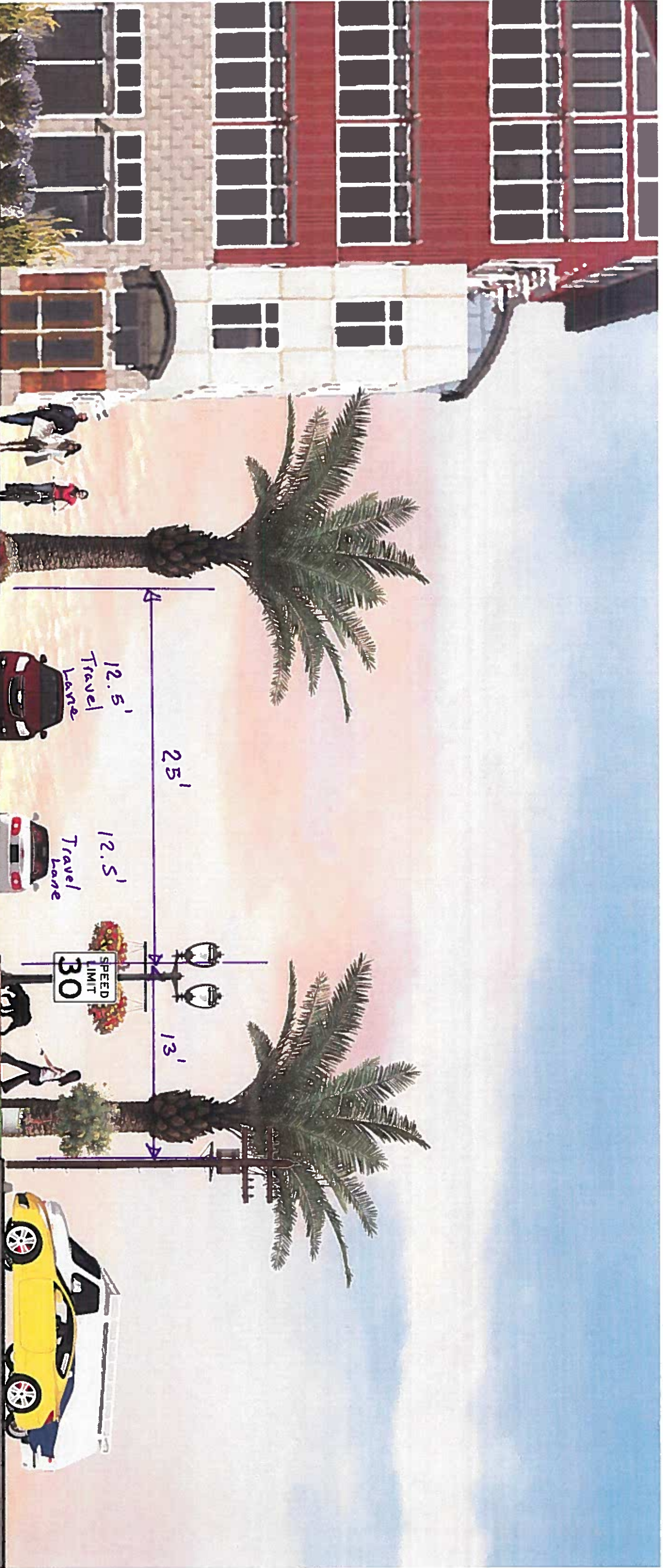
1.2.5 Laguna Boulevard



Requires to
Reconstruct
Existing
West Curb & Gutter
and Sidewalk

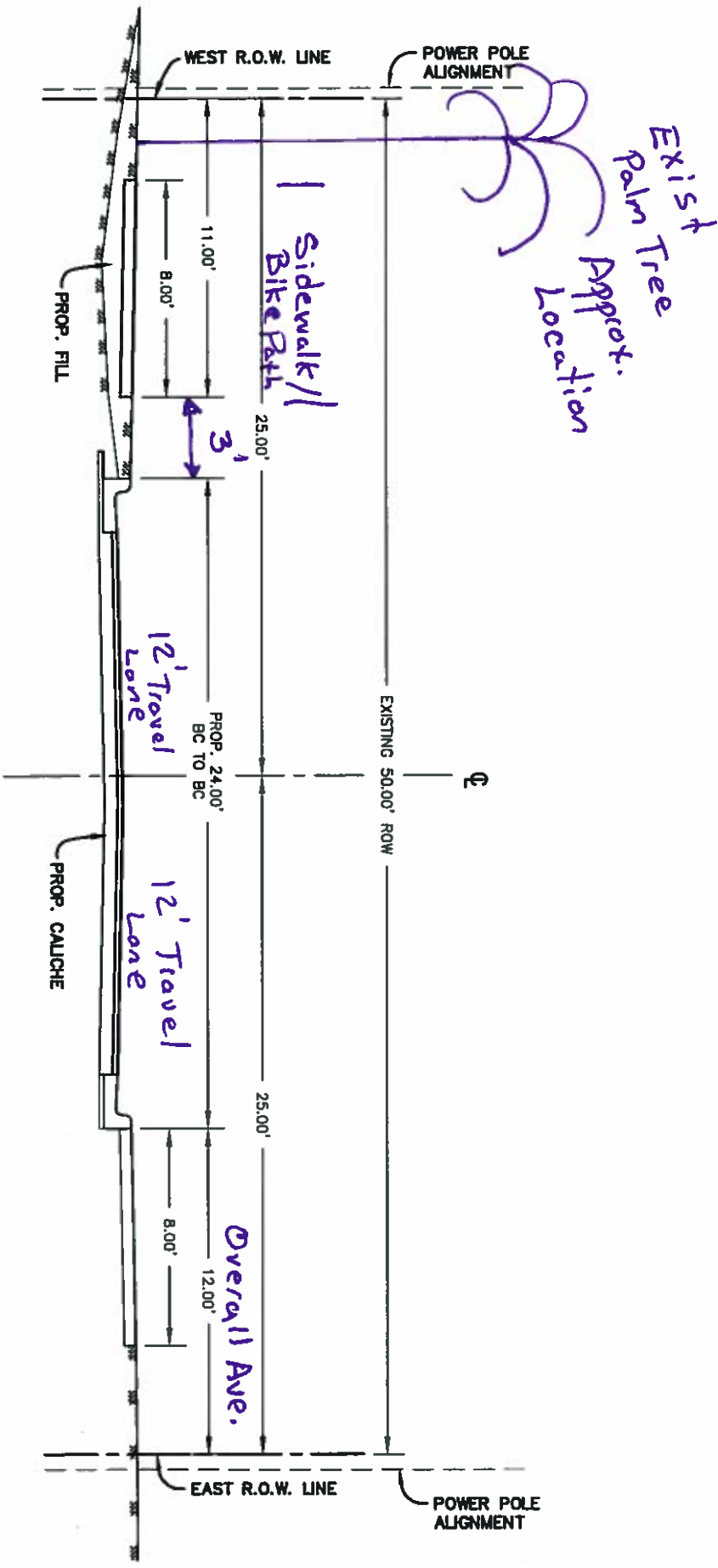


streetplan.



West		4	4	4	2	10.5	10.5	2	2	East	
Walk		8	4	4	12.5	12.5	8	5	streetplan.net		
Buf		12	4	4	25	25	13	5			
W. Roadside				Curb to Curb				E. Roadside			

Option 2
 Tries to miss
 most existing
 Palm Trees



PROPOSED
 50' R.O.W. TYPICAL SECTION
 SCALE: 1/8" = 1'
 STA. 31+50 TO 111+50

PRELIMINARY
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CAS 06-24-2020

LACUNA BOULEVARD STREET & DRAINAGE IMPROVEMENTS	
PROPOSED TYPICAL CROSS-SECTIONS STA. 0+00 TO	
PUBLIC WORKS	
	4601 PADRE BLVD. SOUTH PADRE ISLAND TEXAS 78697 (956) 761-8166 Fax (956) 761-9090
SCALE: AS SHOWN DRAWN BY: CAS DATE: 06/24/2020 FILE: LAGUNABLD-8.DWG	SHEET 15 OF 30

LAGUNA BOULEVARD - Reconstruction 2

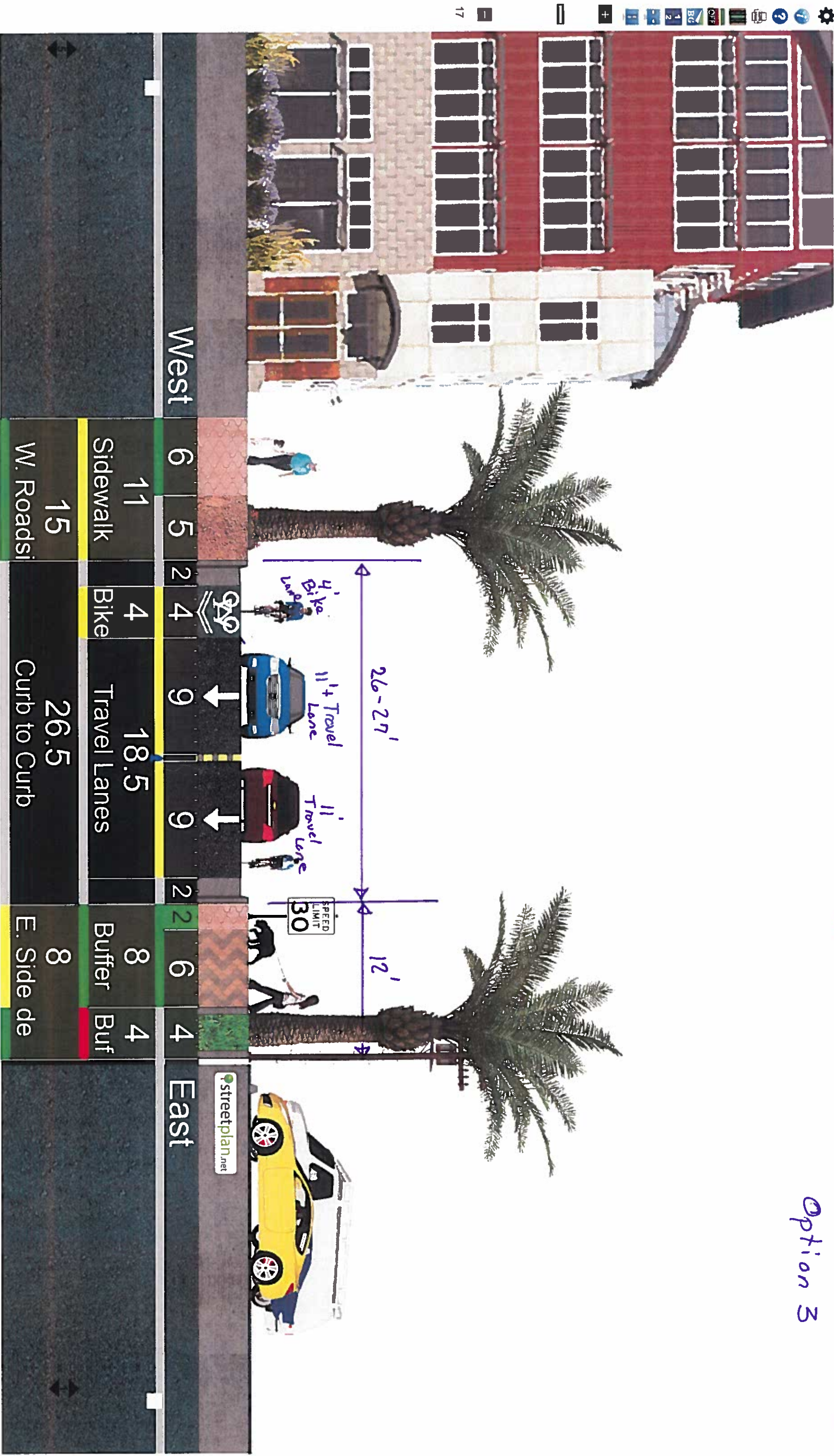
Swordfish to Morningside

Boulevard Existing Condition

Right-of-Way 49.5' of 50'

Share

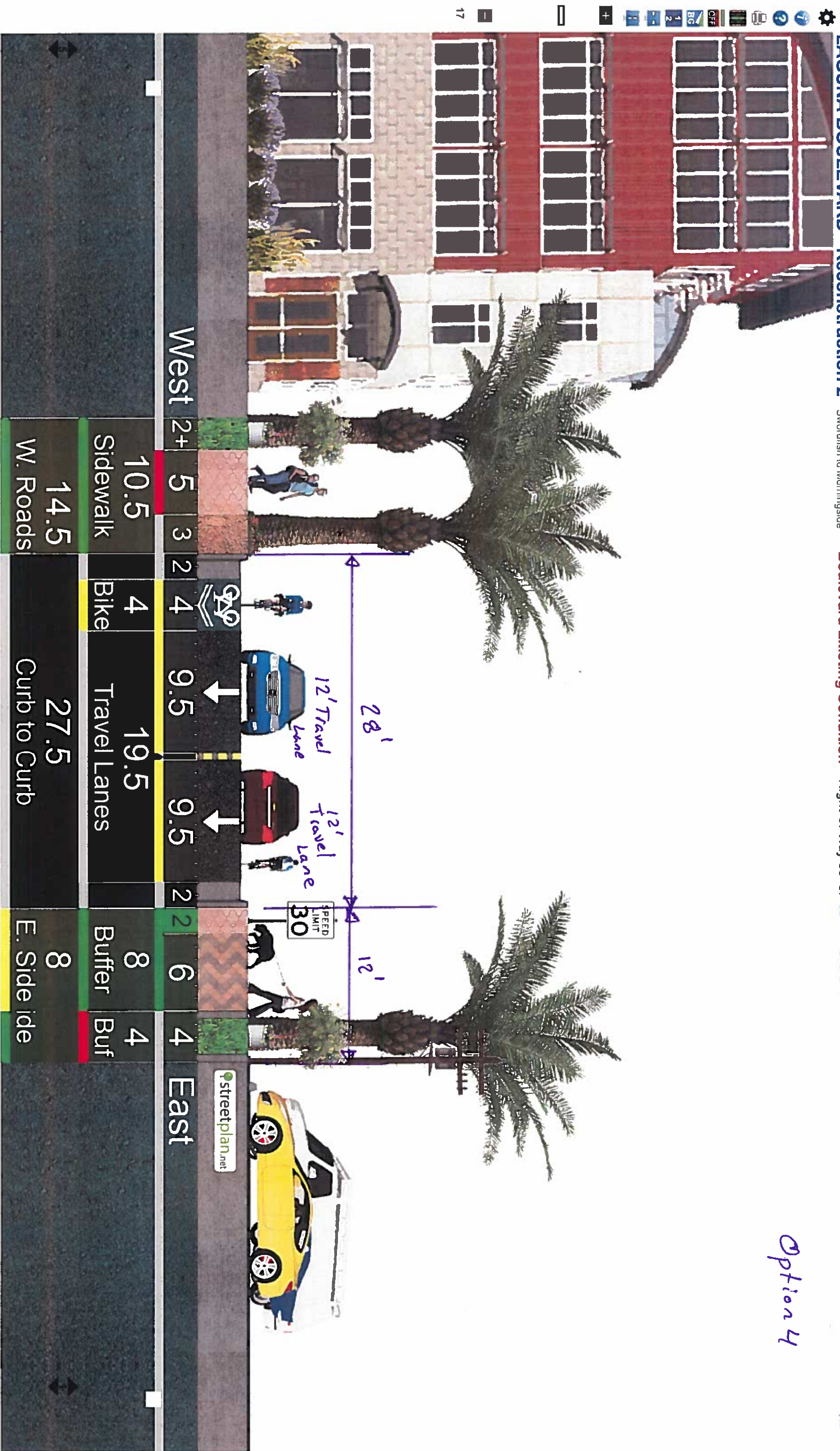
Option 3



LAGUNA BOULEVARD - Reconstruction 2

Swordfish to Morningside **Boulevard Existing Condition** Right-of-Way 50' of 50' Share

Option 4





BENCHMARK

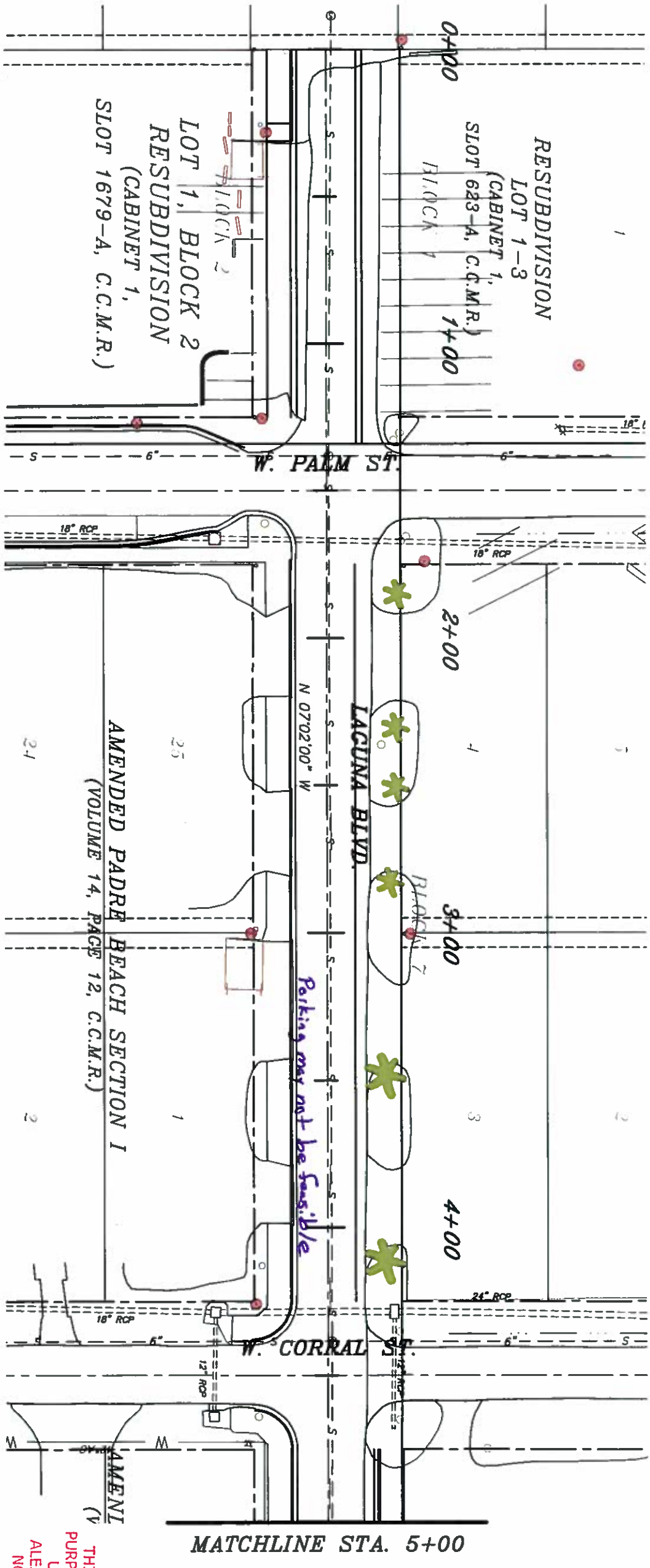
PID: AB1247
STAINLESS STEEL ROD IN SLEEVE
N-16573090.20, E-1422236.3310
PADRE BLVD & E. MARISOL
(ELEV. 4.788)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

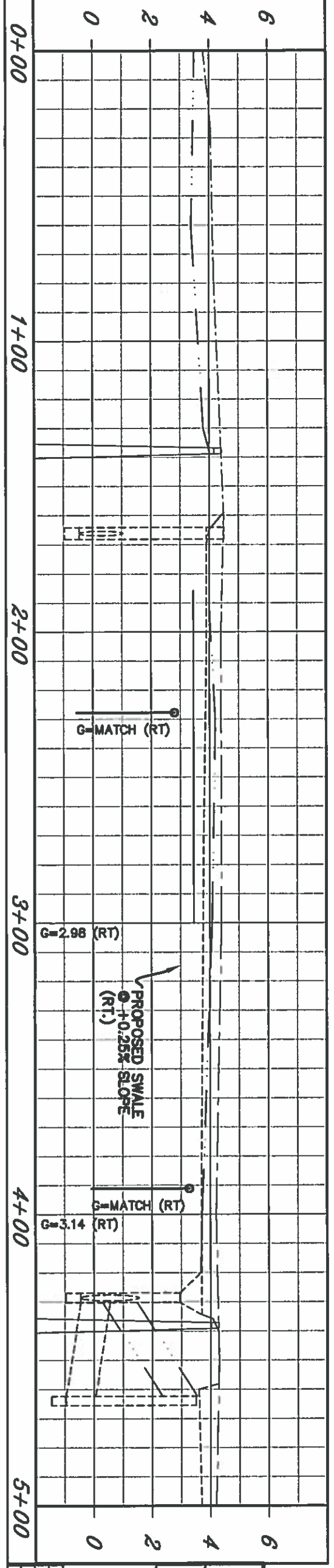
Palm Trees may need to be relocated/removed

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CAS 06-24-2020



MATCHLINE STA. 5+00



LAGUNA BOULEVARD STREET & DRAINAGE IMPROVEMENTS

PLAN & PROFILES
0+00 TO 5+00

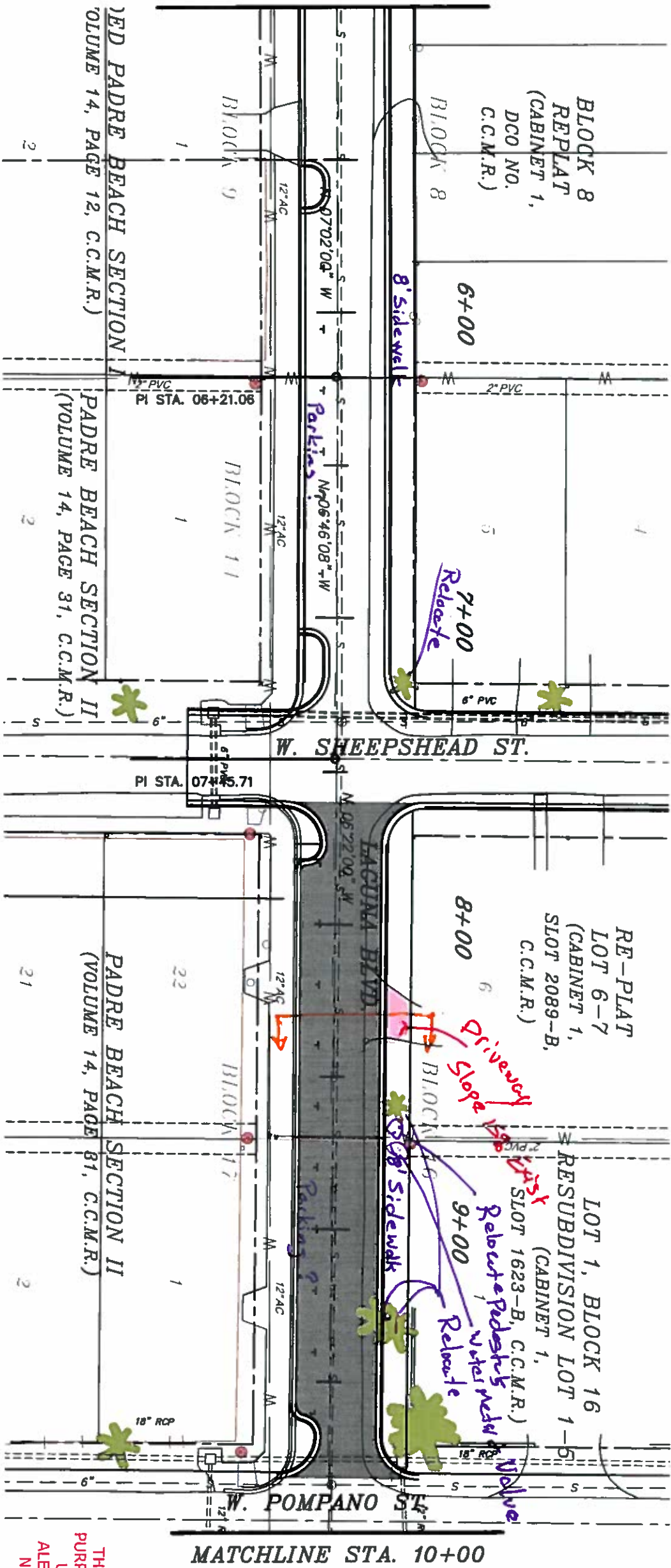
PUBLIC WORKS

4801 PADRE BLVD.
SOUTH PADRE ISLAND
TEXAS 78597
(956) 761-8166
Fax (956) 761-8698

SCALE: 1"=40'
DRAWN BY: CAS
DATE: 06/23/2020
FILE: LAGUNA BLVD-DESIGN1

REVISIONS: SHEET 16 OF 40

MATCHLINE STA. 5+00

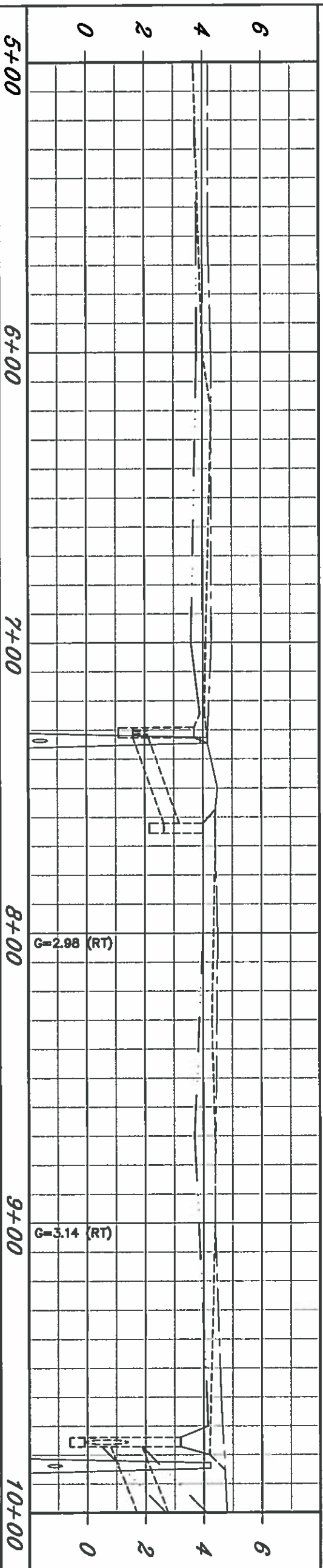


MATCHLINE STA. 10+00

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06-24-2020



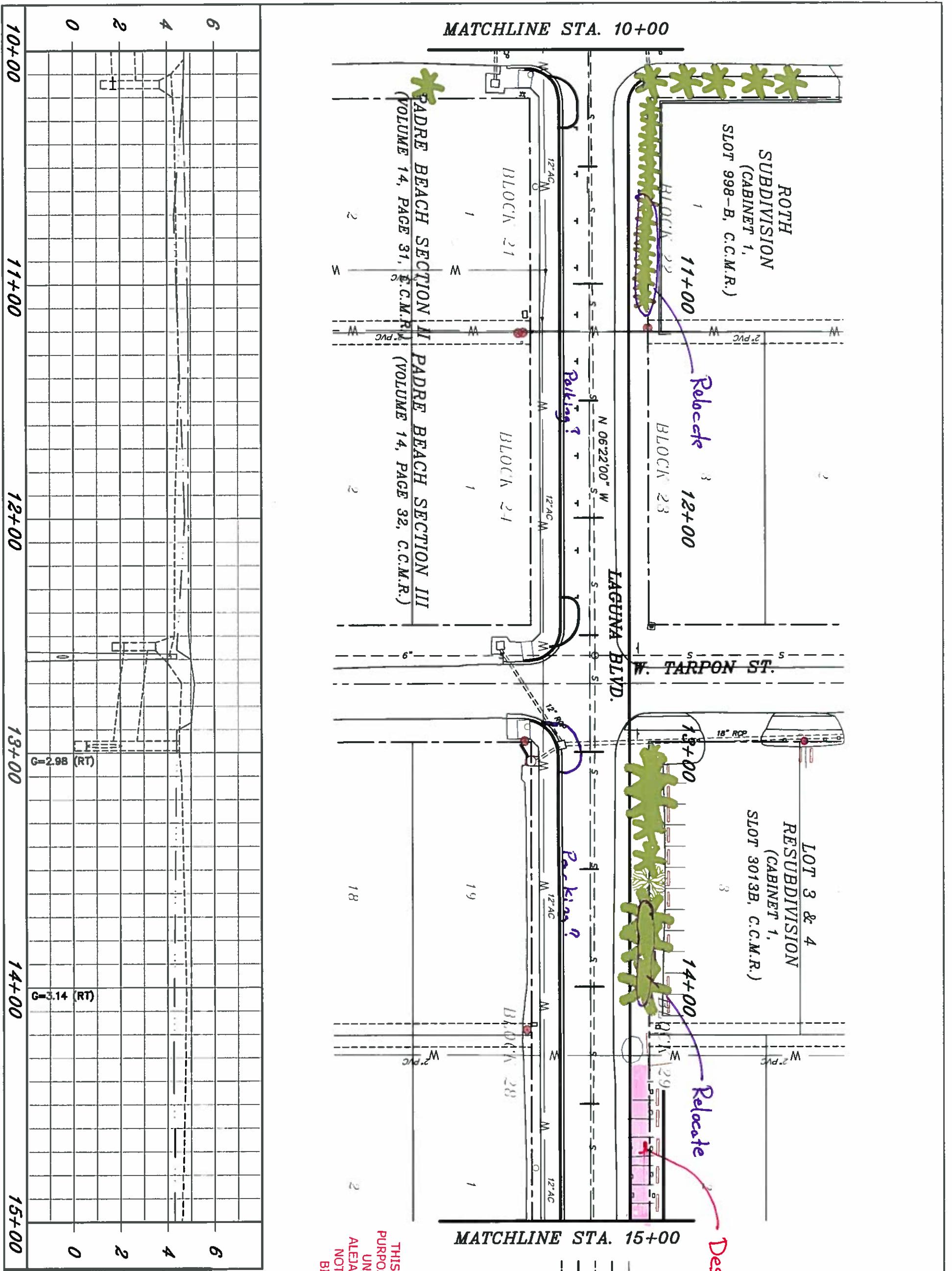
LAGUNA BOULEVARD
 STREET & DRAINAGE IMPROVEMENTS

PLAN & PROFILE
 5+00 TO 10+00

PUBLIC WORKS

South
 PADRE ISLAND
 4801 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78657
 (956) 761-8166
 Fax (956) 761-8888

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/23/2020
 FILE: LAGUNA BLVD-DESIGN1
 SHEET 17 OF 17



MATCHLINE STA. 15+00

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06-24-2020

**LACUNA BOULEVARD
 STREET & DRAINAGE IMPROVEMENTS**

PLAN & PROFILE
 10+00 TO 16+00

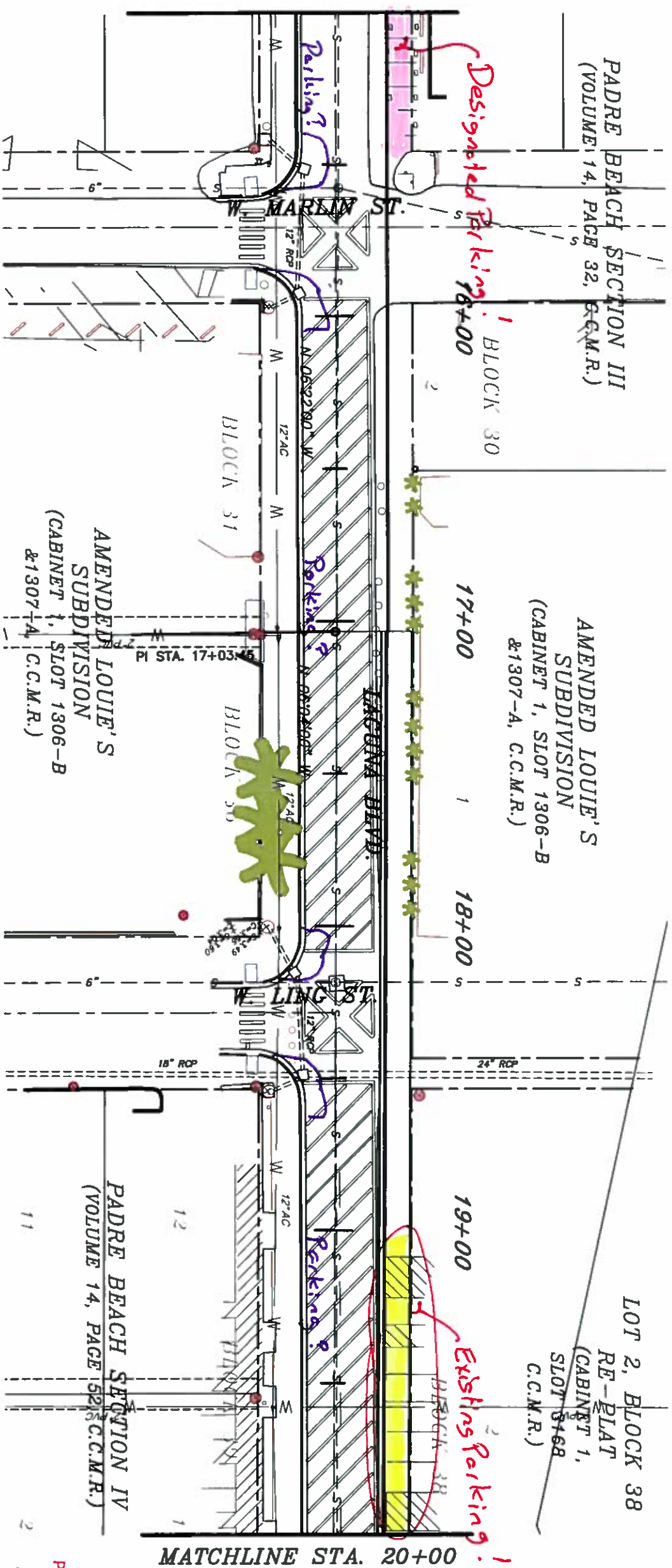
PUBLIC WORKS

South Padre Island
 4601 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78697
 (956) 761-8168
 Fax (956) 761-8898

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LAGUNA/BLVD-DESIGN1

SHEET
18
 OF 11

MATCHLINE STA. 15+00

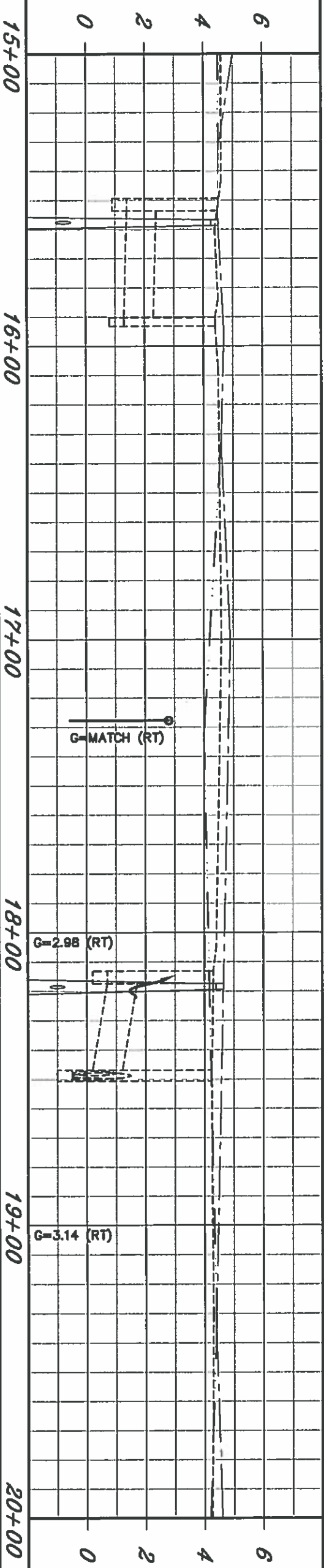


MATCHLINE STA. 20+00

BENCHMARK
 C/P FOUND
 AT STA. 16+50 WEST SIDE
 NORTH OF MARLIN STREET
 (ELEV. 4.05)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

PRELIMINARY
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CAS 06-24-2020



**LACUNA BOULEVARD
 STREET & DRAINAGE IMPROVEMENTS**

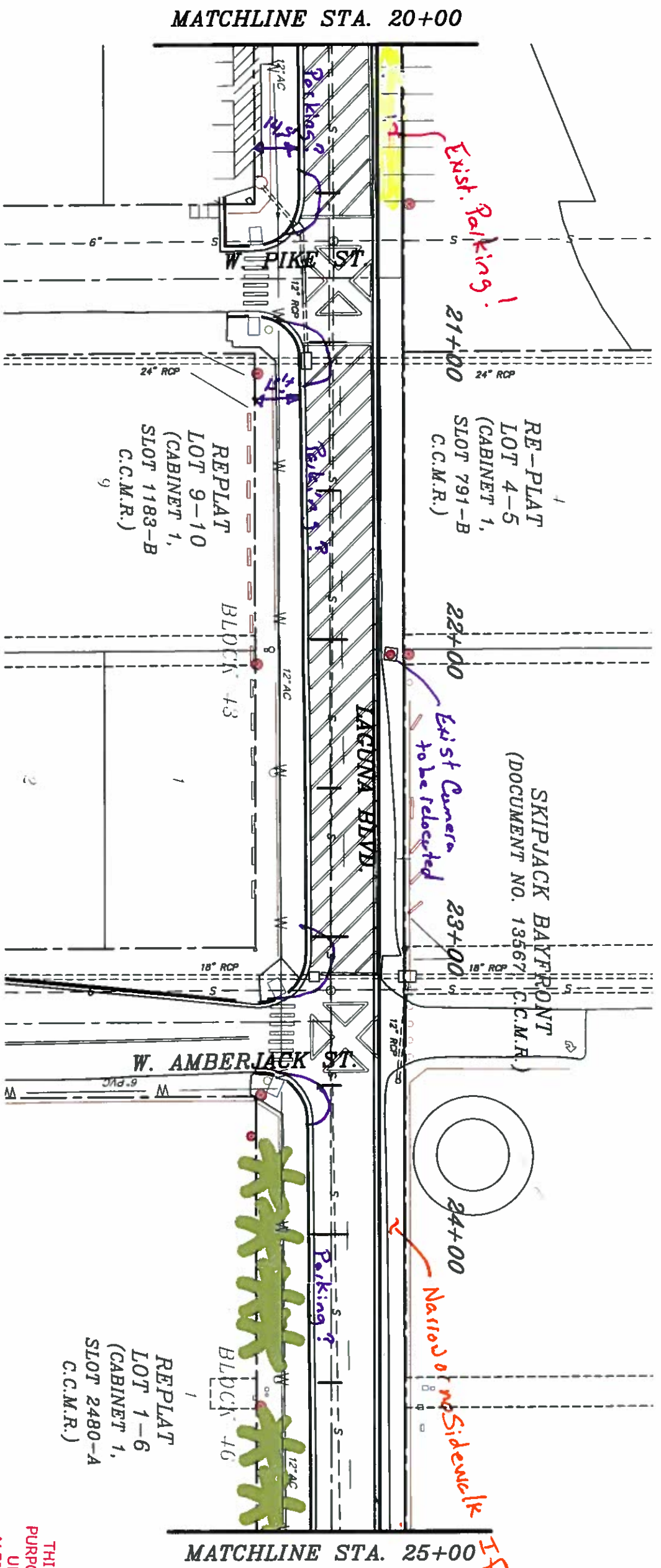
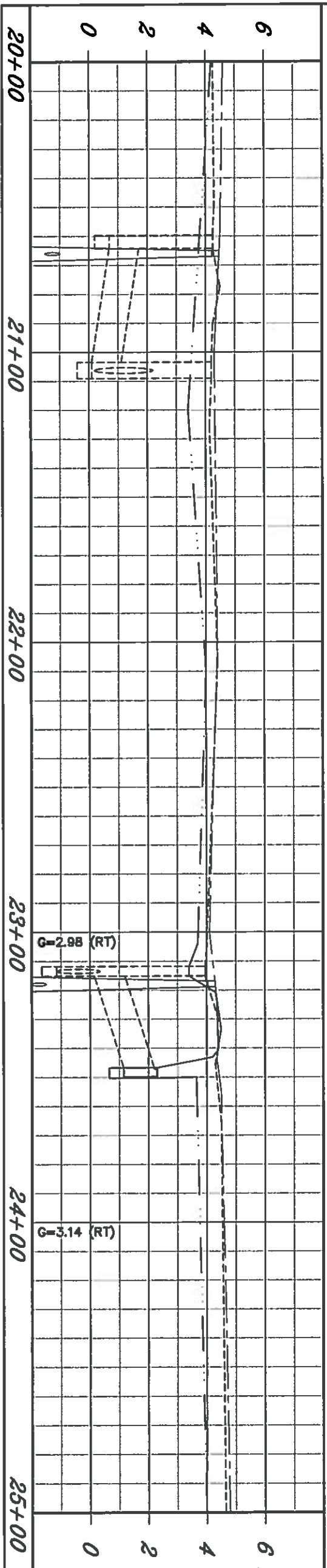
PLAN & PROFILE
 15+00 TO 20+00

PUBLIC WORKS

4601 PADRE BLVD
 SOUTH PADRE ISLAND
 TEXAS 78697
 (956) 761-8158
 Fax (956) 761-9508

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LACUNABLD-DESIGN1

SHEET 19 OF 19



- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06-24-2020

IF Parking is added!

**LACUNA BOULEVARD
 STREET & DRAINAGE IMPROVEMENTS**

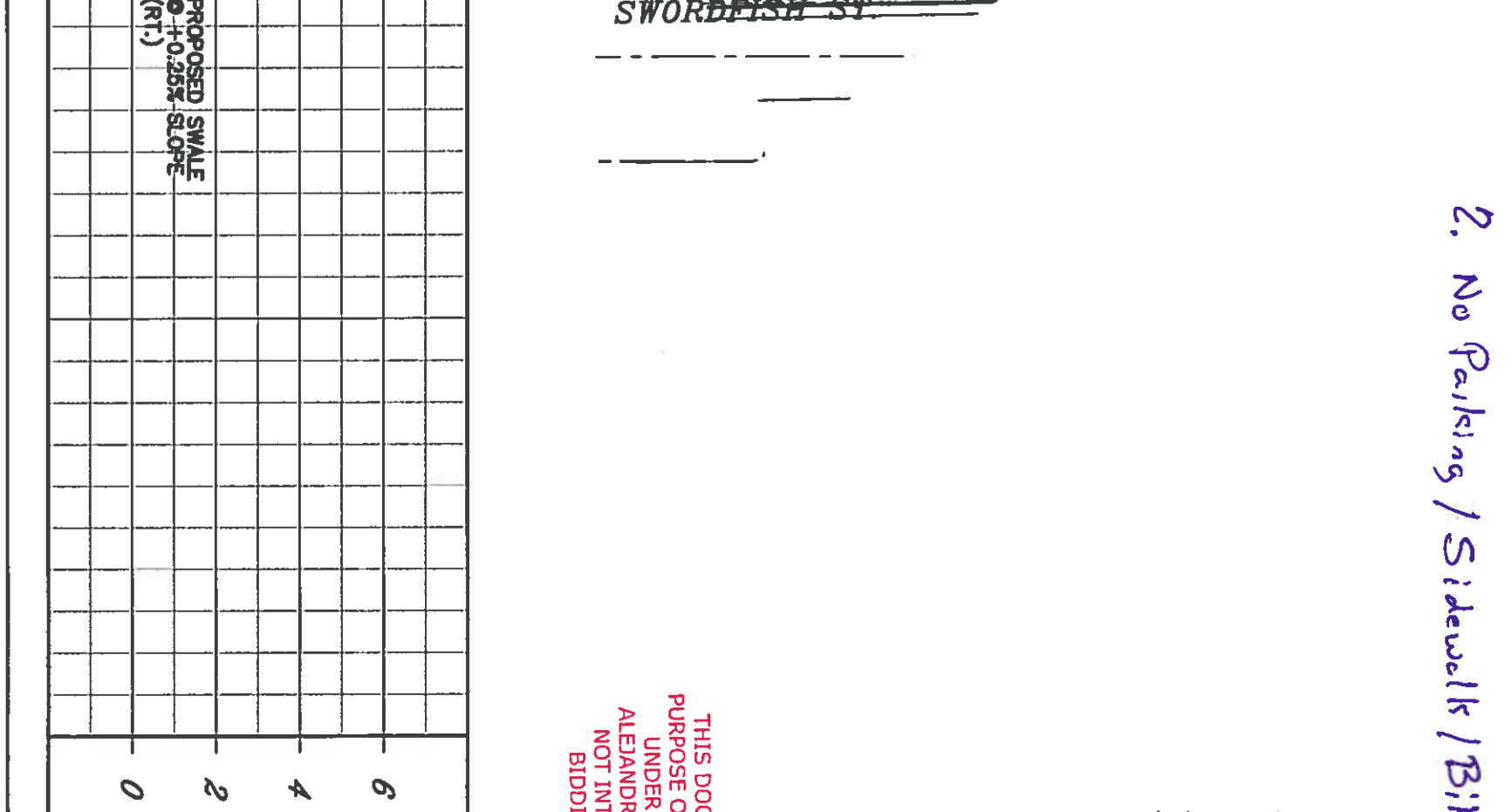
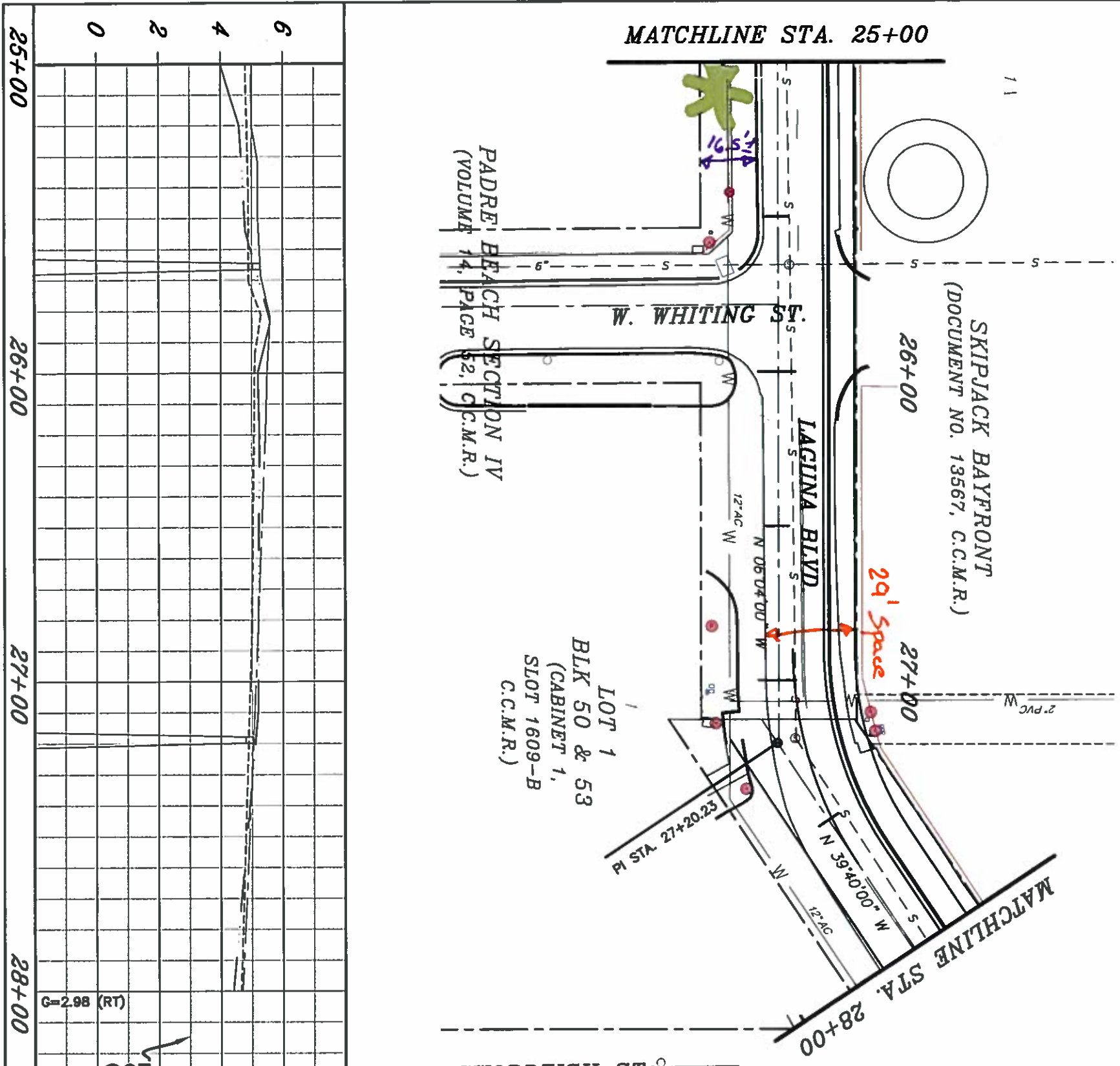
PLAN & PROFILE
 20+00 TO 25+00

PUBLIC WORKS

4601 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78657
 (956) 761-8166
 Fax (956) 761-8808

South Padre Island

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 REVISIONS: SHEET 20 OF 22
 FILE: LAGUNABLDV-DESIGN1



1. Parking / No Sidewalk?
2. No Parking / Sidewalk / Bike?

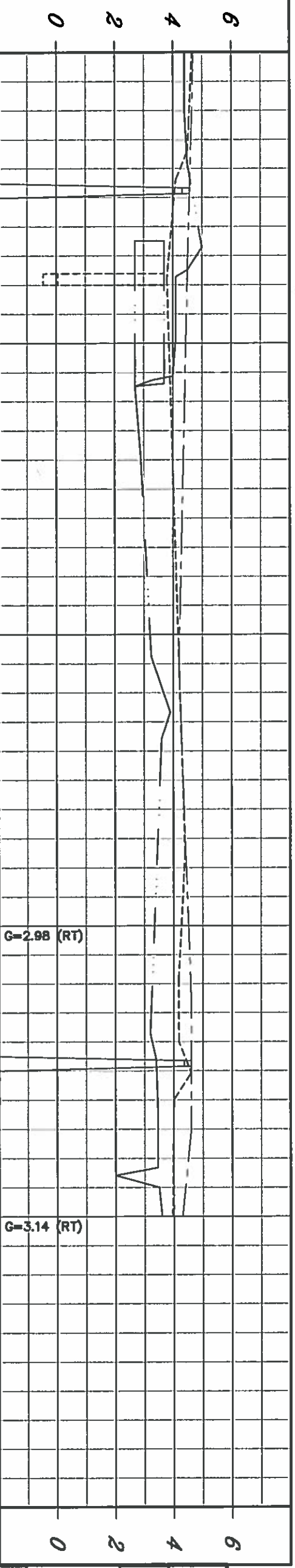
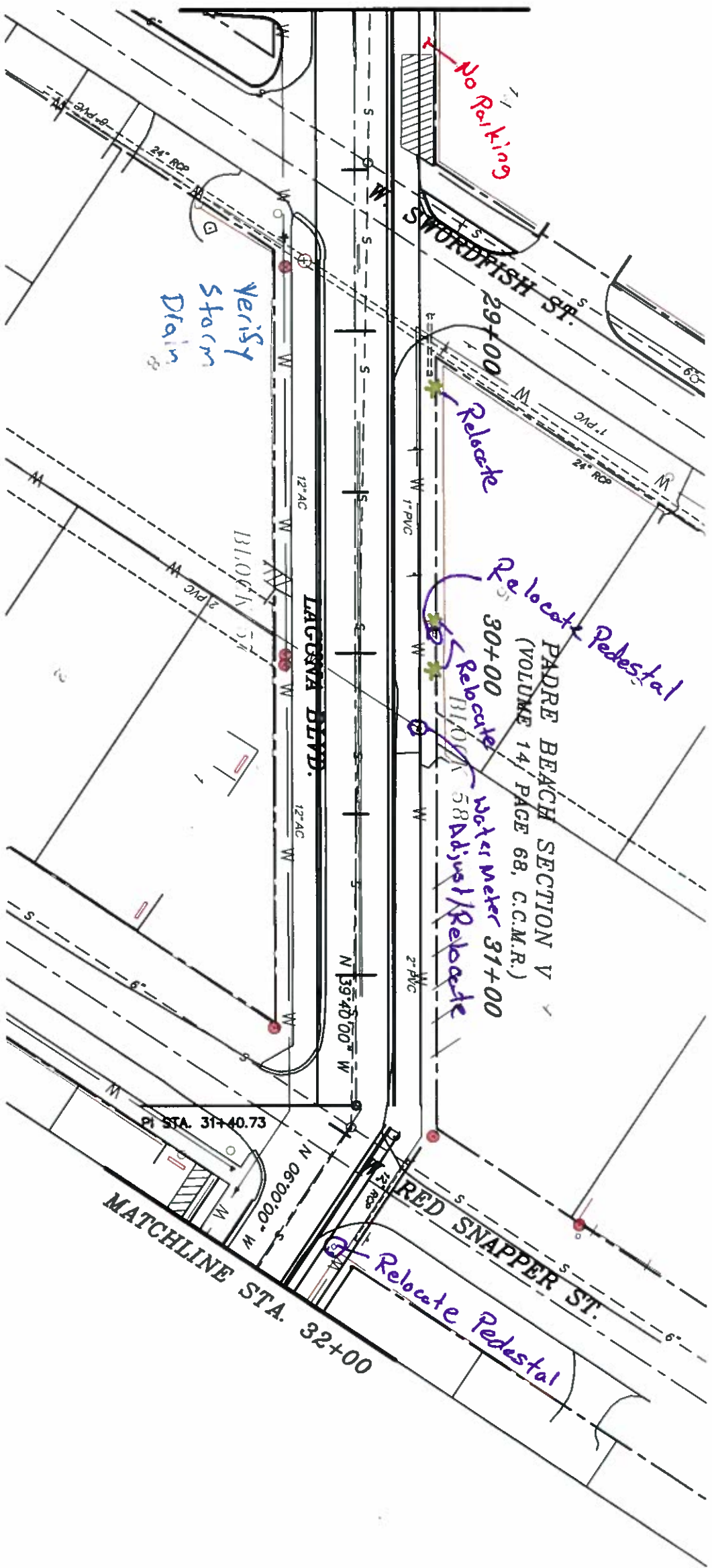
--- EXIST. CENTERLINE
 - - - EXIST. WEST SWALE
 - - - EXIST. EAST GUTTER
 - - - PROP. CENTERLINE
 - - - PROP. WEST GUTTER

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CAS 06-24-2020

LAGUNA BOULEVARD STREET AND DRAINAGE IMPROVEMENTS	
PLAN & PROFILE 25+00 TO 28+00	
PUBLIC WORKS	
4001 PADRE BLVD SOUTH PADRE ISLAND TEXAS 78697 (956) 761-8156 FAX (956) 761-8098	SCALE: 1"=40' DRAWN BY: CAS DATE: 06/24/2020 FILE: LAGUNABLVD-DESIGN1
SHEET 21 OF 11	

MATCHLINE STA. 28+00



BENCHMARK
 IRON PIN FOUND
 AT SE CORNER OF
 LAGUNA BLVD. & SWORDFISH ST.
 (ELEV. 3.62)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06-24-2020

**LAGUNA BOULEVARD
 STREET AND DRAINAGE IMPROVEMENTS**

**PLAN & PROFILE
 28+00 TO 32+00**

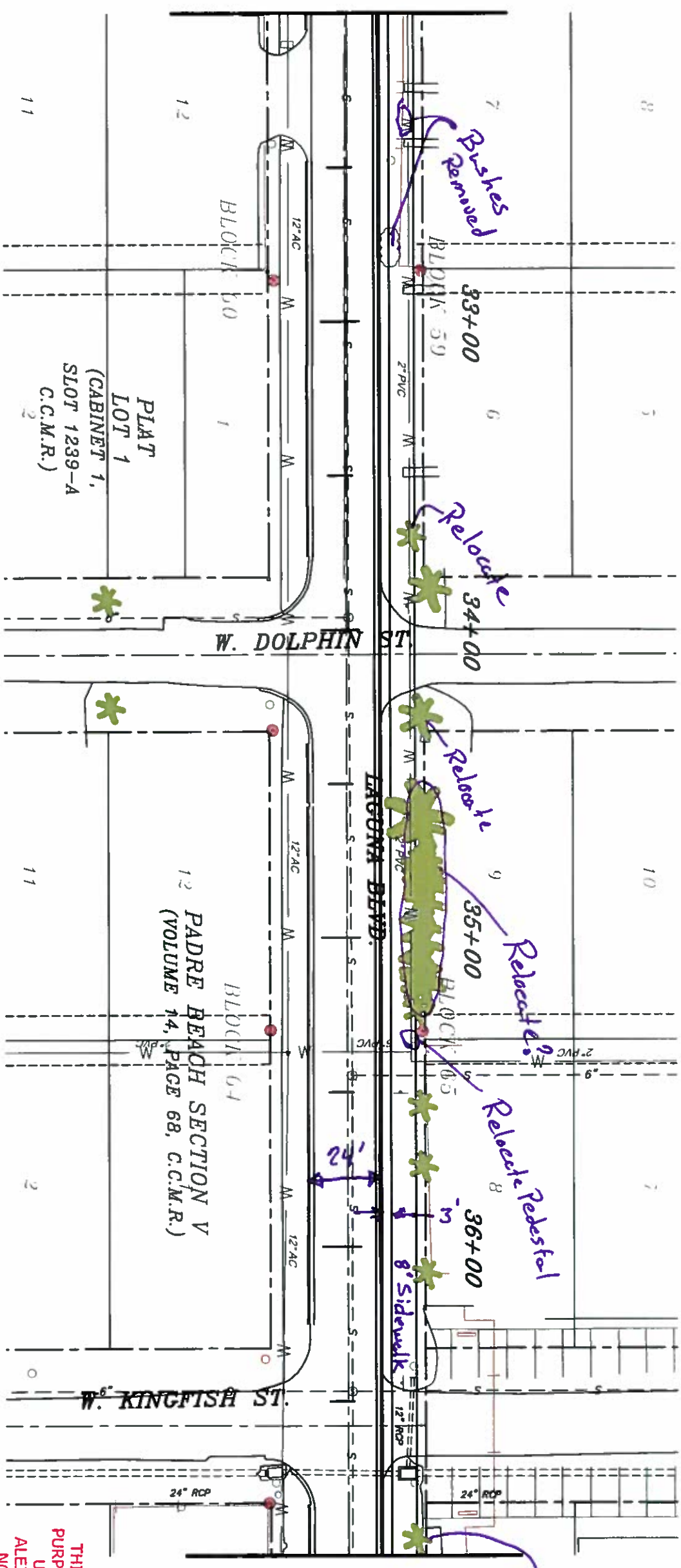
PUBLIC WORKS

South Padre Island
 4001 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78697
 (909) 761-8108
 FAX (909) 761-9808

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LAGUNABLDV-DESIGN1

SHEET **22** OF 11

MATCHLINE STA. 32+00

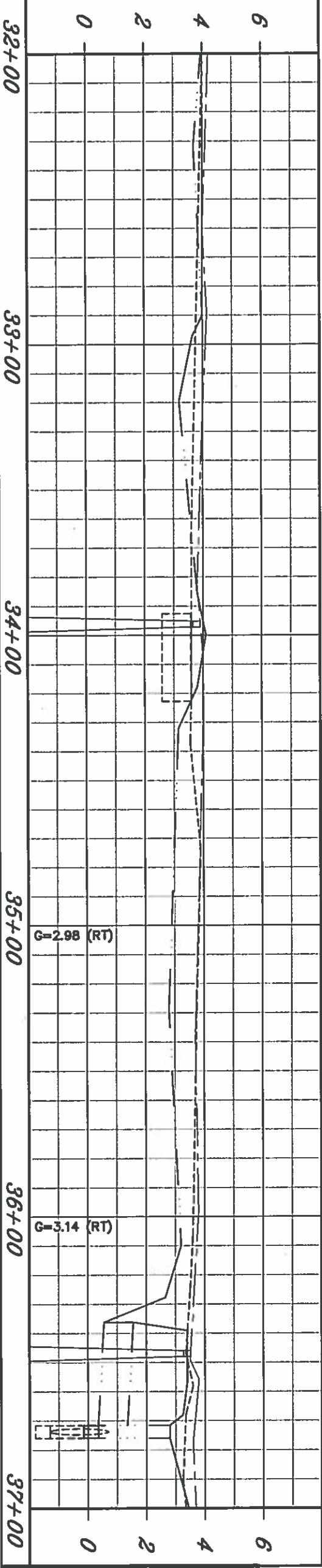


MATCHLINE STA. 37+00

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

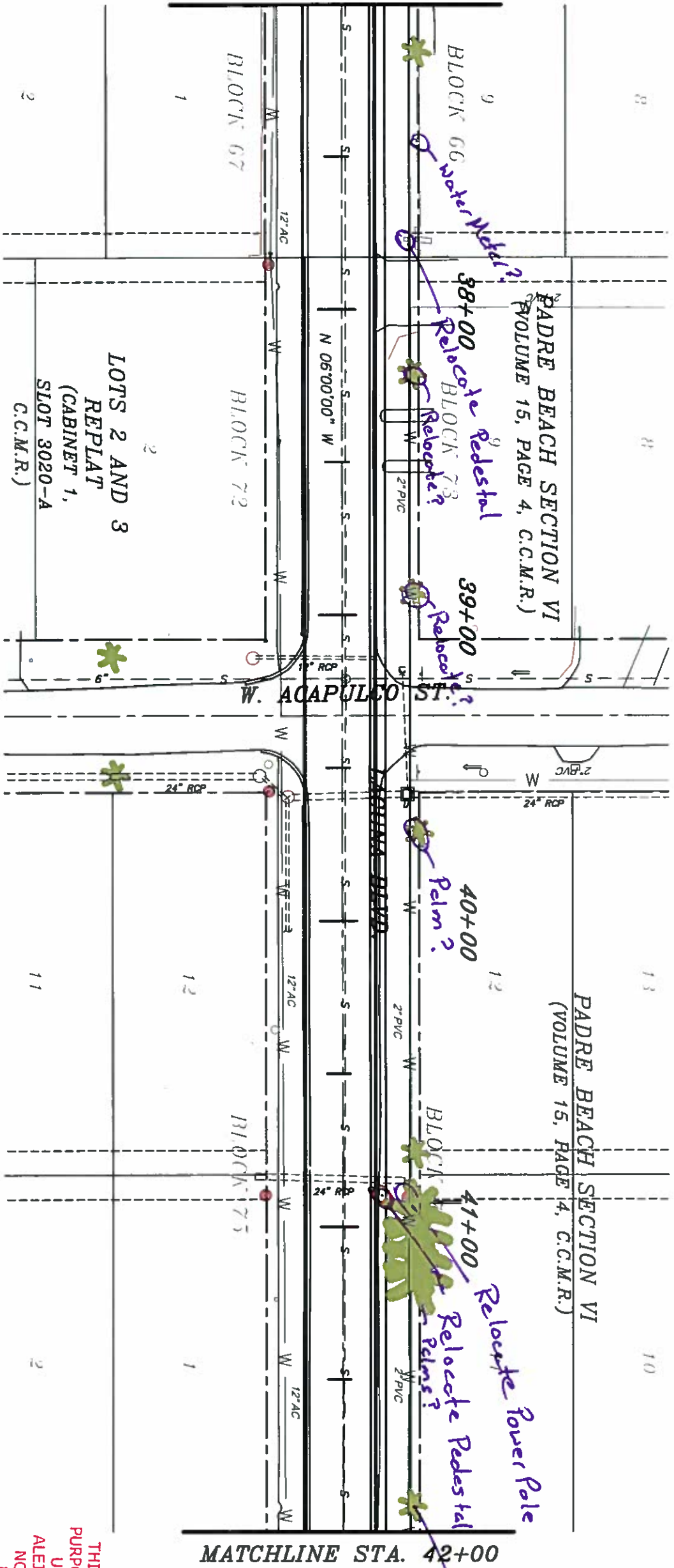
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CAS 06-24-2020



LAGUNA BOULEVARD STREET AND DRAINAGE IMPROVEMENTS	
PLAN & PROFILE 36+00 TO 40+00	
PUBLIC WORKS	
4601 PADRE BLVD. SOUTH PADRE ISLAND TEXAS 78597 Fax: (956) 761-8168 (956) 761-8168	SCALE: 1"=40' DRAWN BY: CAS DATE: 06/24/2020 FILE: LAGUNABLD-B.DWG
SHEET 23 OF 11	

MATCHLINE STA. 37+00



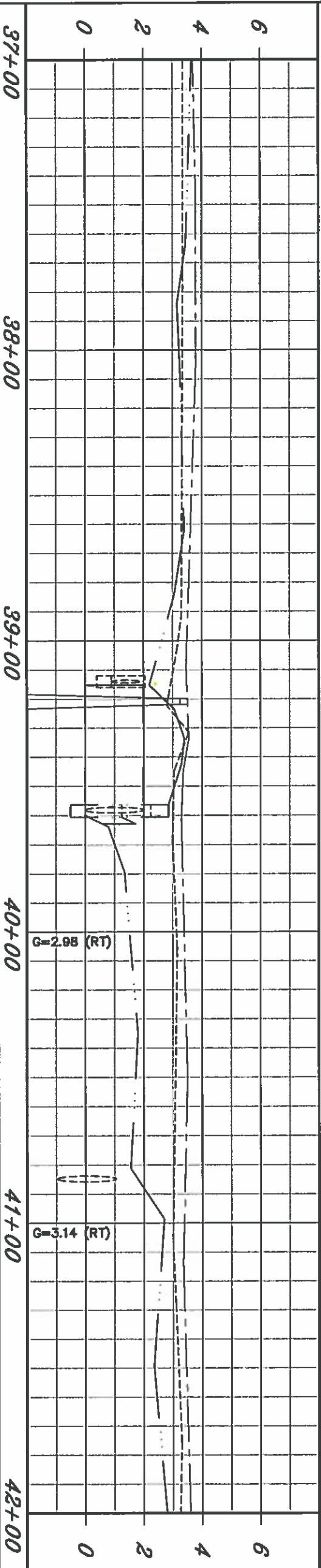
MATCHLINE STA. 42+00

BENCHMARK
 IRON PIN FOUND
 AT N.W. CORNER OF
 LAGUNA BLVD. & ACAPULCO ST.
 (ELEV. 2.97)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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AMS 06-24-2020



**LAGUNA BOULEVARD
 STREET AND DRAINAGE IMPROVEMENTS**

PLAN & PROFILE
 40+00 TO 45+00

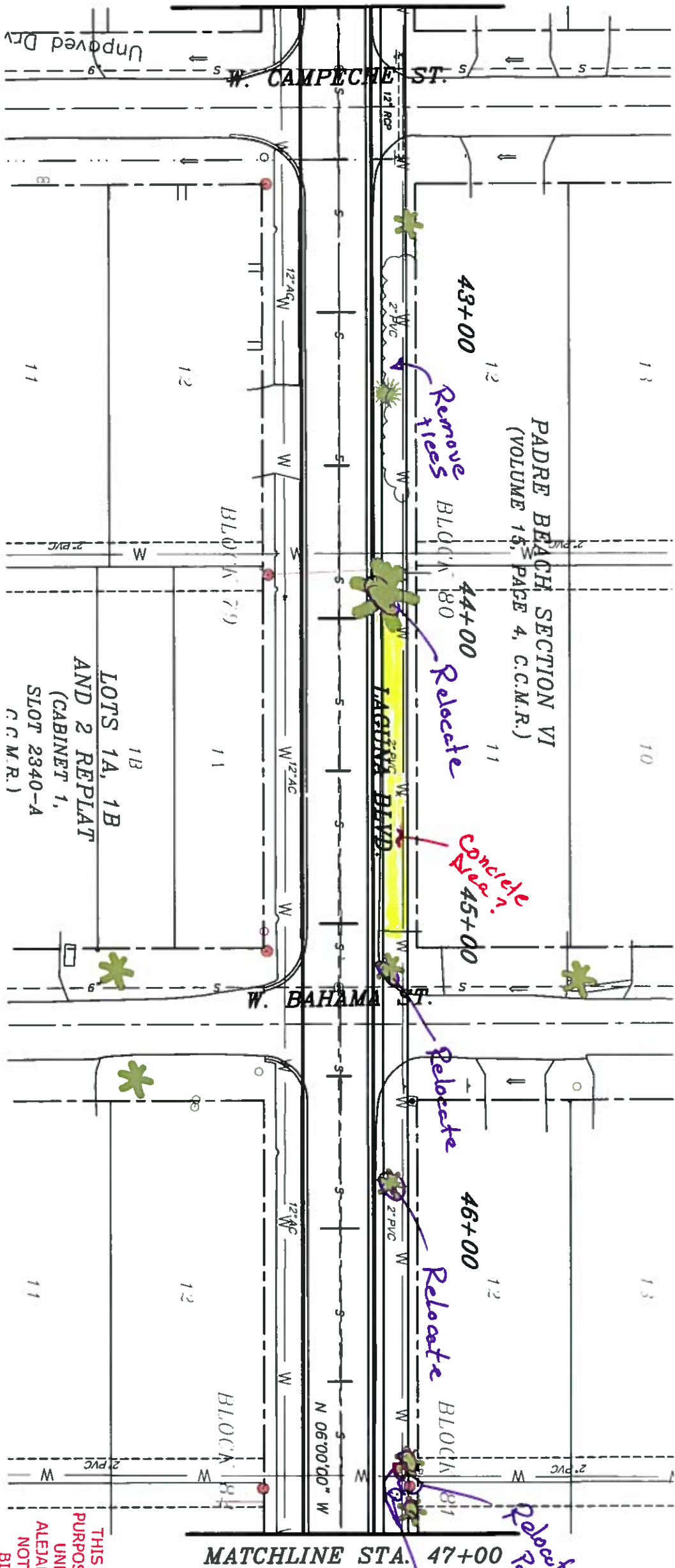
PUBLIC WORKS

4601 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78697
 (936) 761-9166
 Fax (936) 761-9888

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LAGUNABLDV-B.DWG

SHEET 24 OF 11

MATCHLINE STA. 42+00

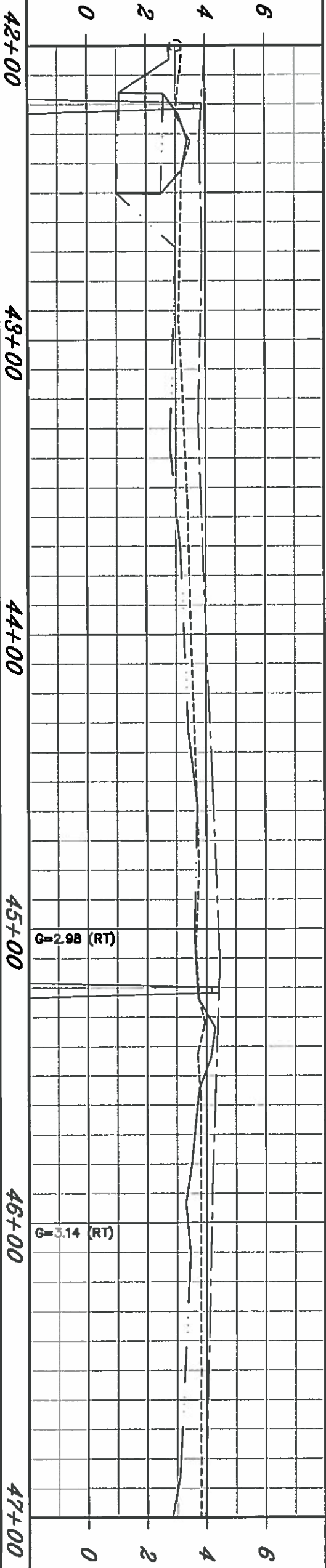


BENCHMARK
 CONCRETE MONUMENT
 AT N/E CORNER OF
 LAGUNA BLVD & BAHAMA ST.
 (ELEV. 3.07)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06-24-2020



**LAGUNA BOULEVARD
 STREET AND DRAINAGE IMPROVEMENTS**

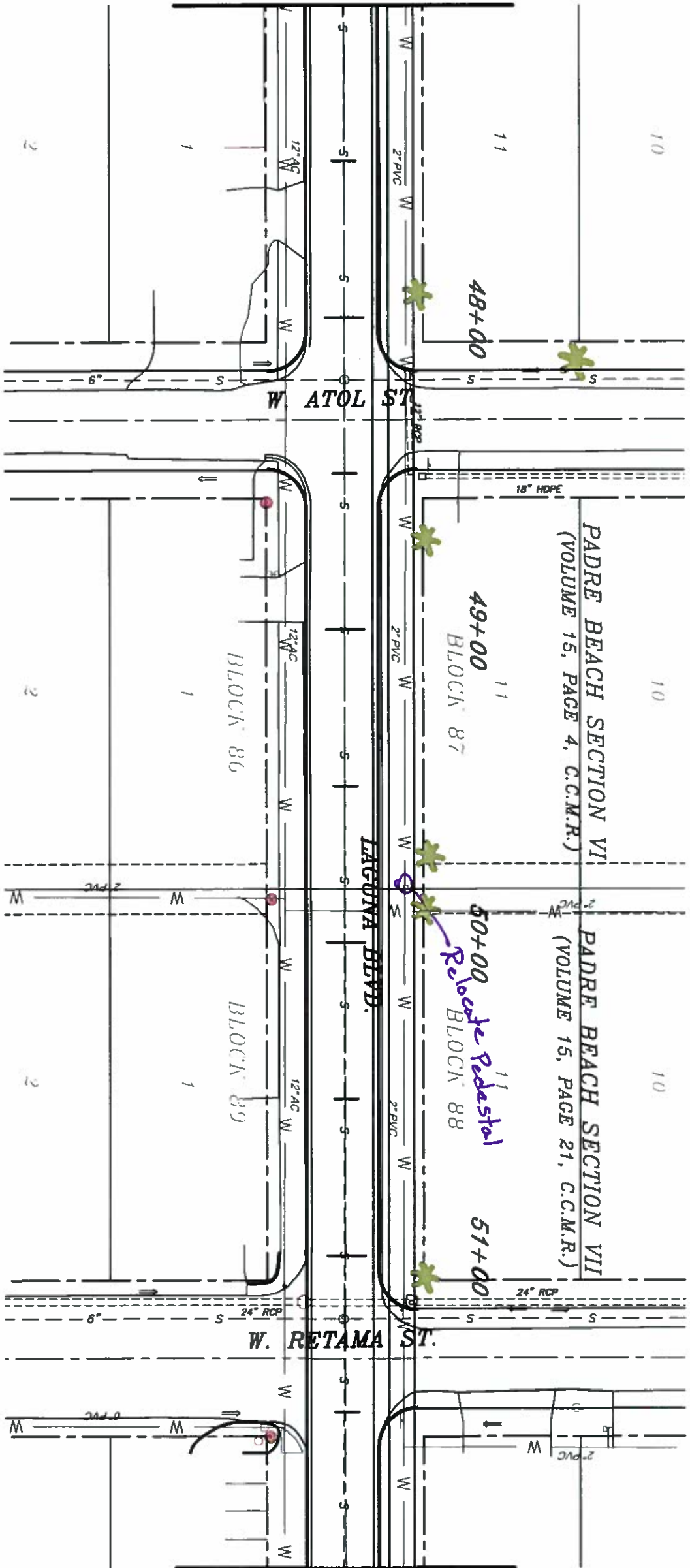
PLAN & PROFILE
 45+00 TO 50+00

PUBLIC WORKS

South Island
 4601 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78697
 (986) 761-8166
 Fax (986) 761-8998

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LAGUNA BLVD-DESIGN1

MATCHLINE STA. 47+00

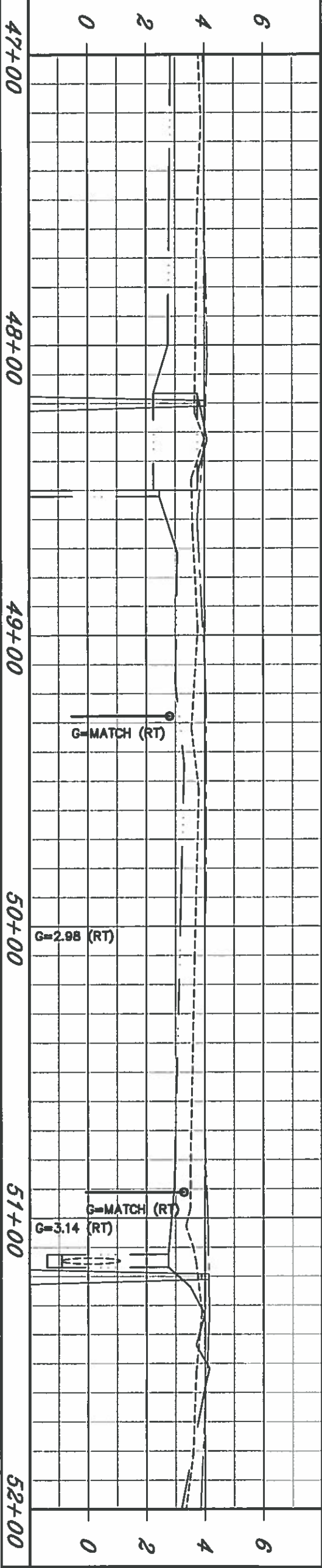


MATCHLINE STA. 52+00

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06-24-2020



LAGUNA BOULEVARD
 STREET AND DRAINAGE IMPROVEMENTS

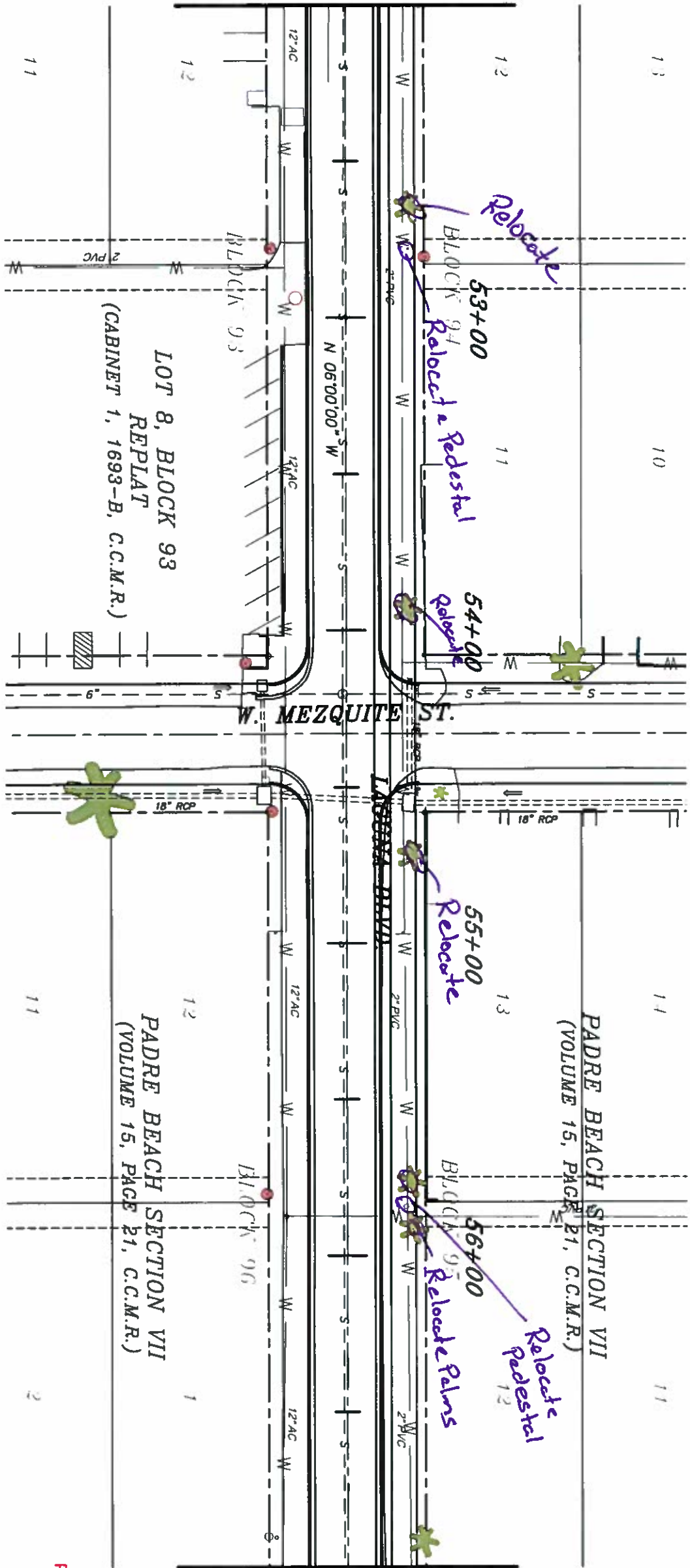
PLAN & PROFILE
 50+00 TO 55+00

PUBLIC WORKS

4601 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78697
 (936) 761-8105
 Fax (936) 761-8808

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LAGUNABLD-B.DWG
 SHEET 26 OF 1

MATCHLINE STA. 52+00



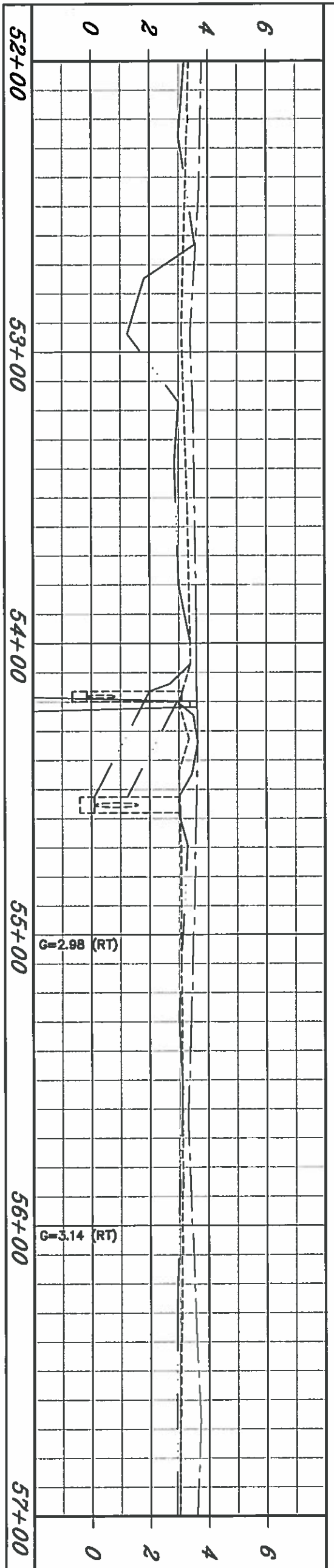
MATCHLINE STA. 57+00

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

BENCHMARK
X MARK FOUND ON TOP OF CURB AT S.W CORNER OF LAGUNA BLVD & MEZQUITE ST. (ELEV. 3.59)

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CAS 06-24-2020



LAGUNA BOULEVARD STREET AND DRAINAGE IMPROVEMENTS

PLAN & PROFILE
52+00 TO 57+00

PUBLIC WORKS

4601 PADRE BLVD
SOUTH PADRE ISLAND
TEXAS 78697
(956) 761-8168
Fax (956) 761-2896

South Padre Island

SCALE: 1"=40'

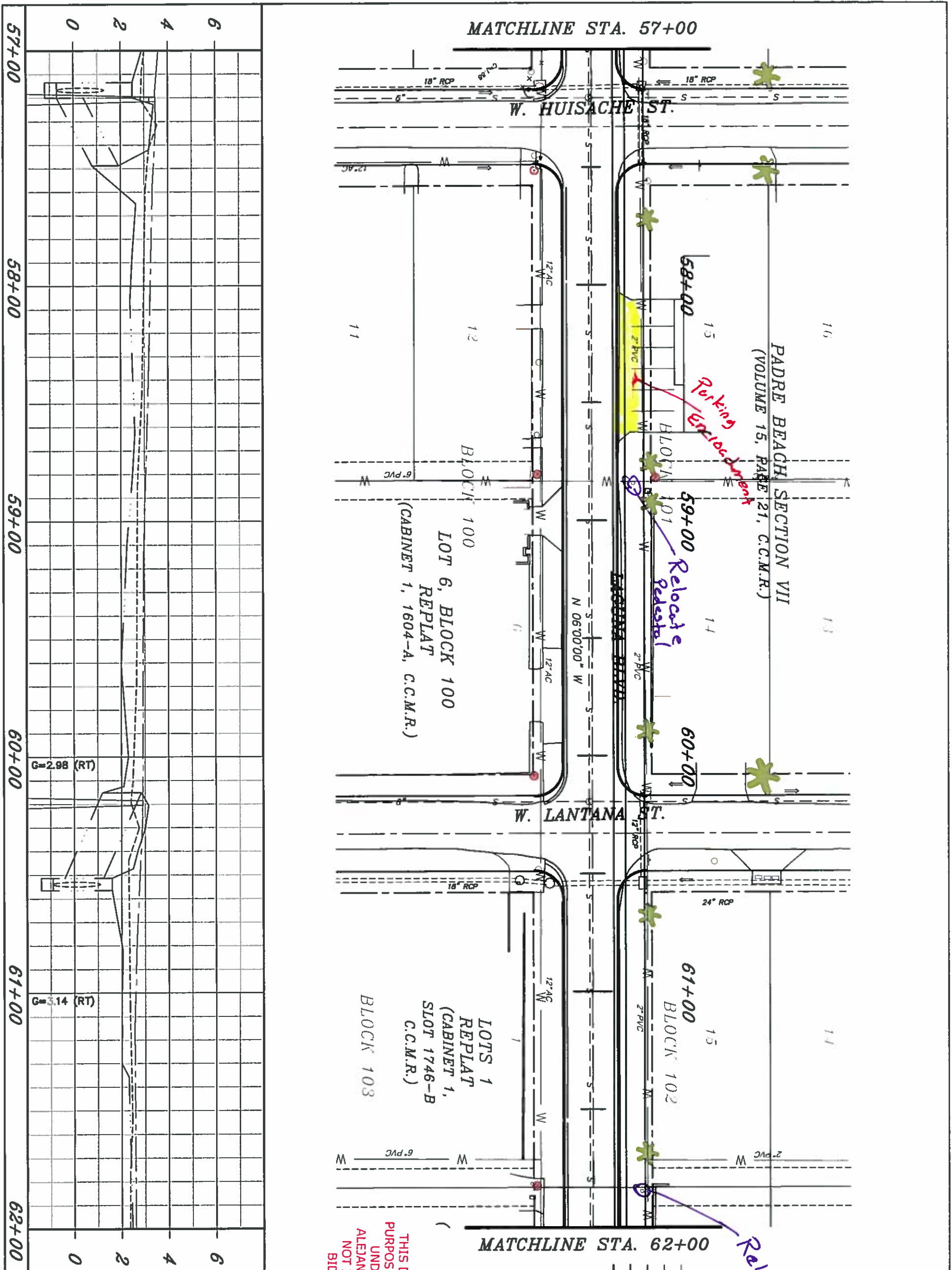
DRAWN BY: CAS

DATE: 06/24/2020

REVISIONS:

SHEET 27 OF 1

FILE: LAGUNABLVD-DESIGN1



MATCHLINE STA. 57+00

MATCHLINE STA. 62+00

PADRE BEACH SECTION VII
(VOLUME 15, PAGE 21, C.C.M.R.)

LOT 6, BLOCK 100
REPLAT
(CABINET 1, 1604-A, C.C.M.R.)

LOTS 1
REPLAT
(CABINET 1,
SLOT 1746-B
C.C.M.R.)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS
06-24-2020

**LAGUNA BOULEVARD
STREET AND DRAINAGE IMPROVEMENTS**

PLAN & PROFILE
57+00 TO 62+00

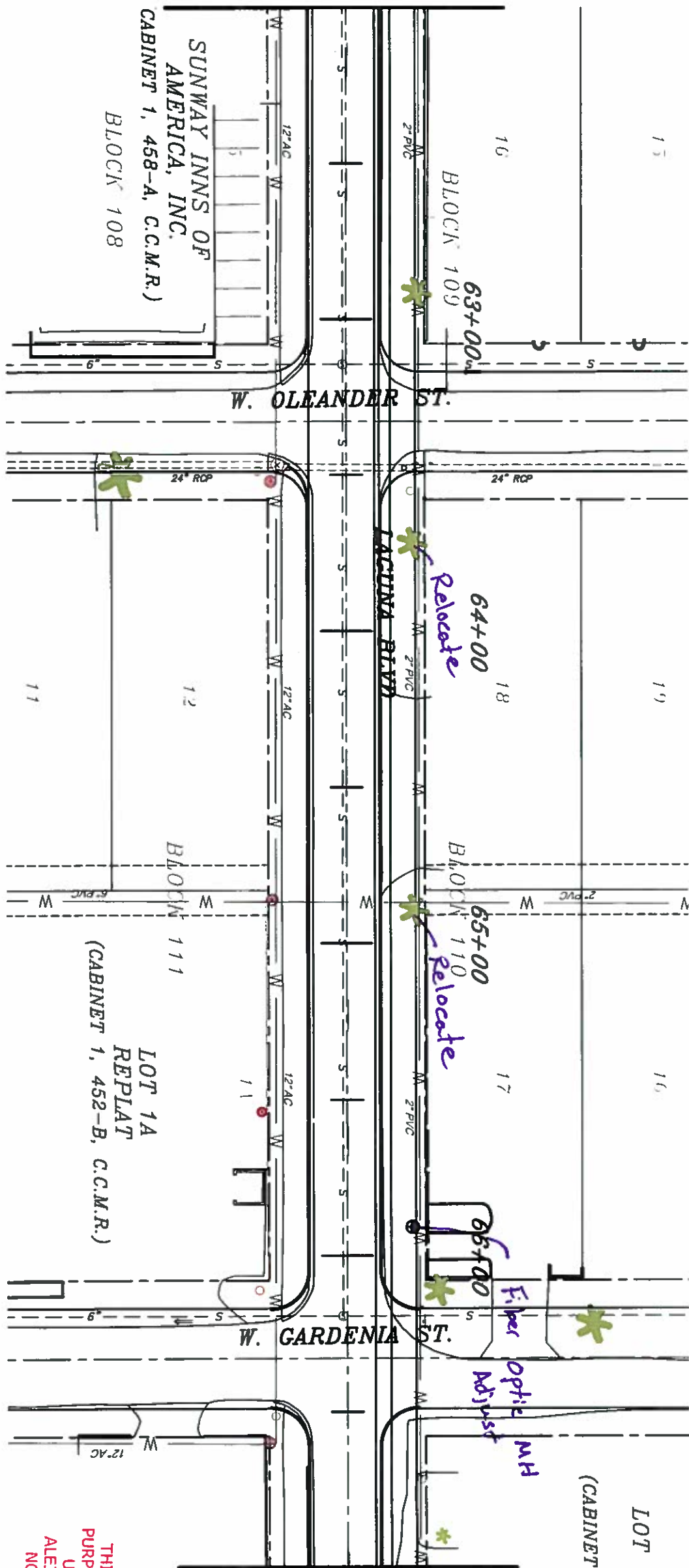
PUBLIC WORKS

4601 PADRE BLVD
SOUTH PADRE ISLAND
TEXAS 78697
(956) 761-6166
Fax (956) 761-3666

SCALE: 1"=40'
DRAWN BY: CAS
DATE: 06/24/2020
FILE: LAGUNABLD-DESIGN1

REVISIONS: SHEET
28
OF 1

MATCHLINE STA. 62+00



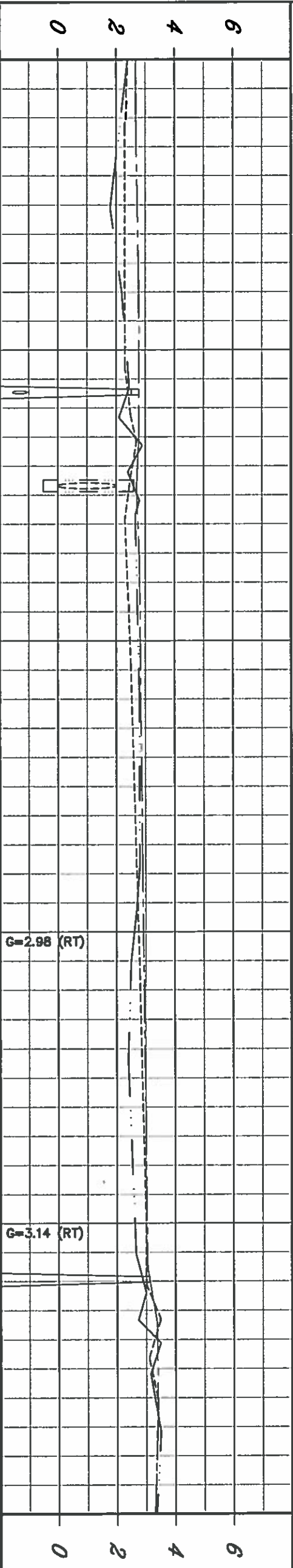
MATCHLINE STA. 67+00

BENCHMARK
 IRON PIN FOUND
 AT N.E. CORNER OF
 LAGUNA BLVD & OLEANDER ST.
 (ELEV. 3.49)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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AS 06-24-2020



**LAGUNA BOULEVARD
 STREET AND DRAINAGE IMPROVEMENTS**

**PLAN & PROFILE
 8+00 TO 13+00**

PUBLIC WORKS

South Padre Island
 4801 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78667
 (956) 761-8166
 Fax (956) 761-2898

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LAGUNABLDV-DESIGN1
 SHEET 29 OF 11

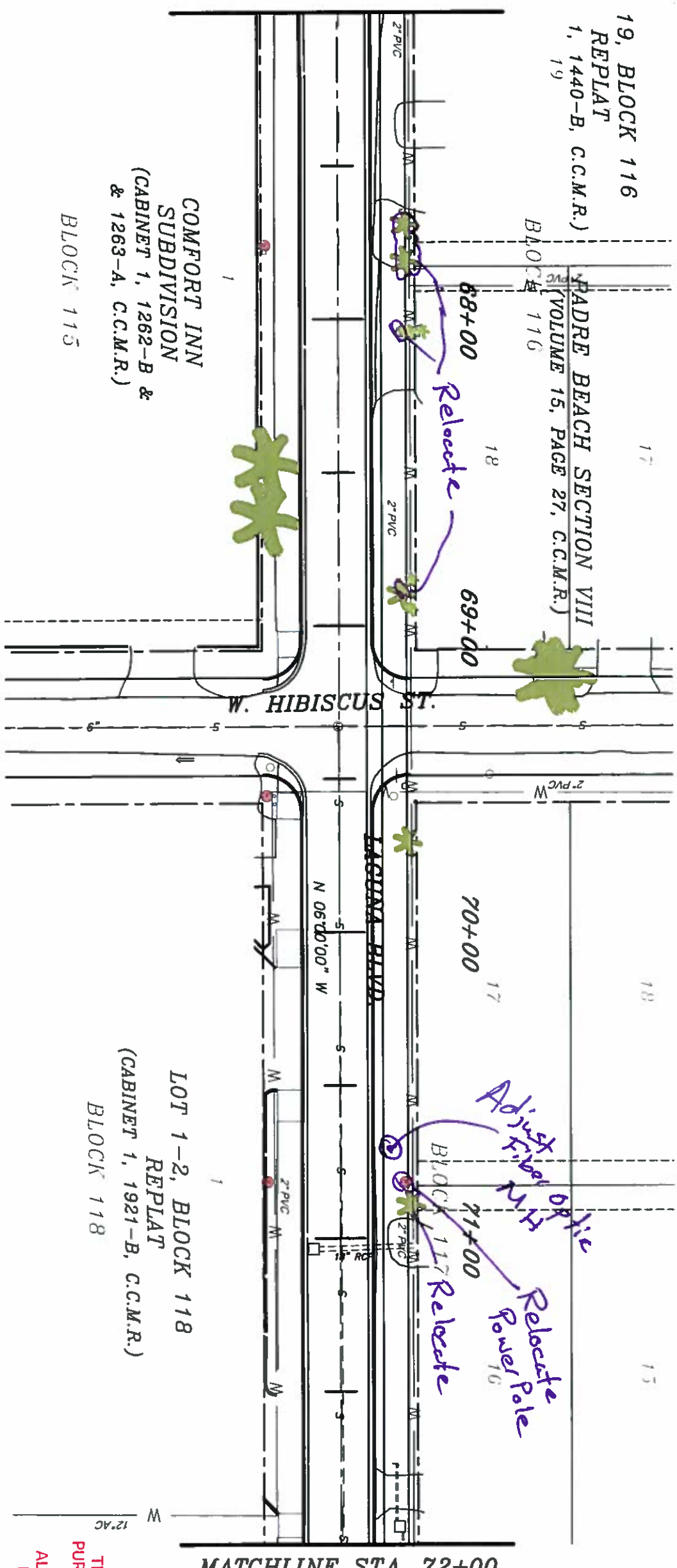
MATCHLINE STA. 67+00

19, BLOCK 116
REPLAT
1, 1440-B, C.C.M.R.)
19

PADRE BEACH SECTION VIII
(VOLUME 15, PAGE 27, C.C.M.R.)
BLOCK 116

COMFORT INN
SUBDIVISION
(CABINET 1, 1262-B &
& 1263-A, C.C.M.R.)
BLOCK 115

LOT 1-2, BLOCK 118
REPLAT
(CABINET 1, 1921-B, C.C.M.R.)
BLOCK 118

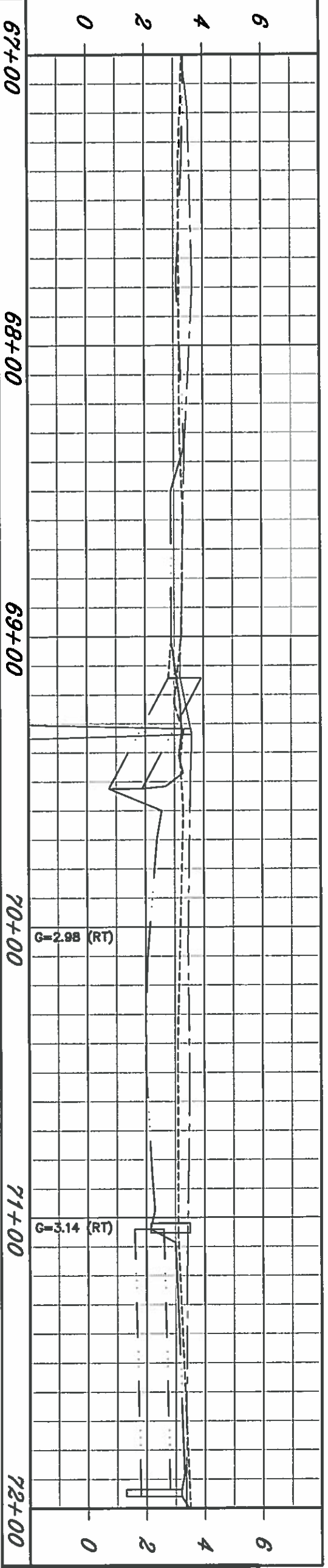


MATCHLINE STA. 72+00

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06-24-2020



**LAGUNA BOULEVARD
STREET AND DRAINAGE IMPROVEMENTS**

PLAN & PROFILE
8+00 TO 13+00

PUBLIC WORKS

SCALE: 1"=40'

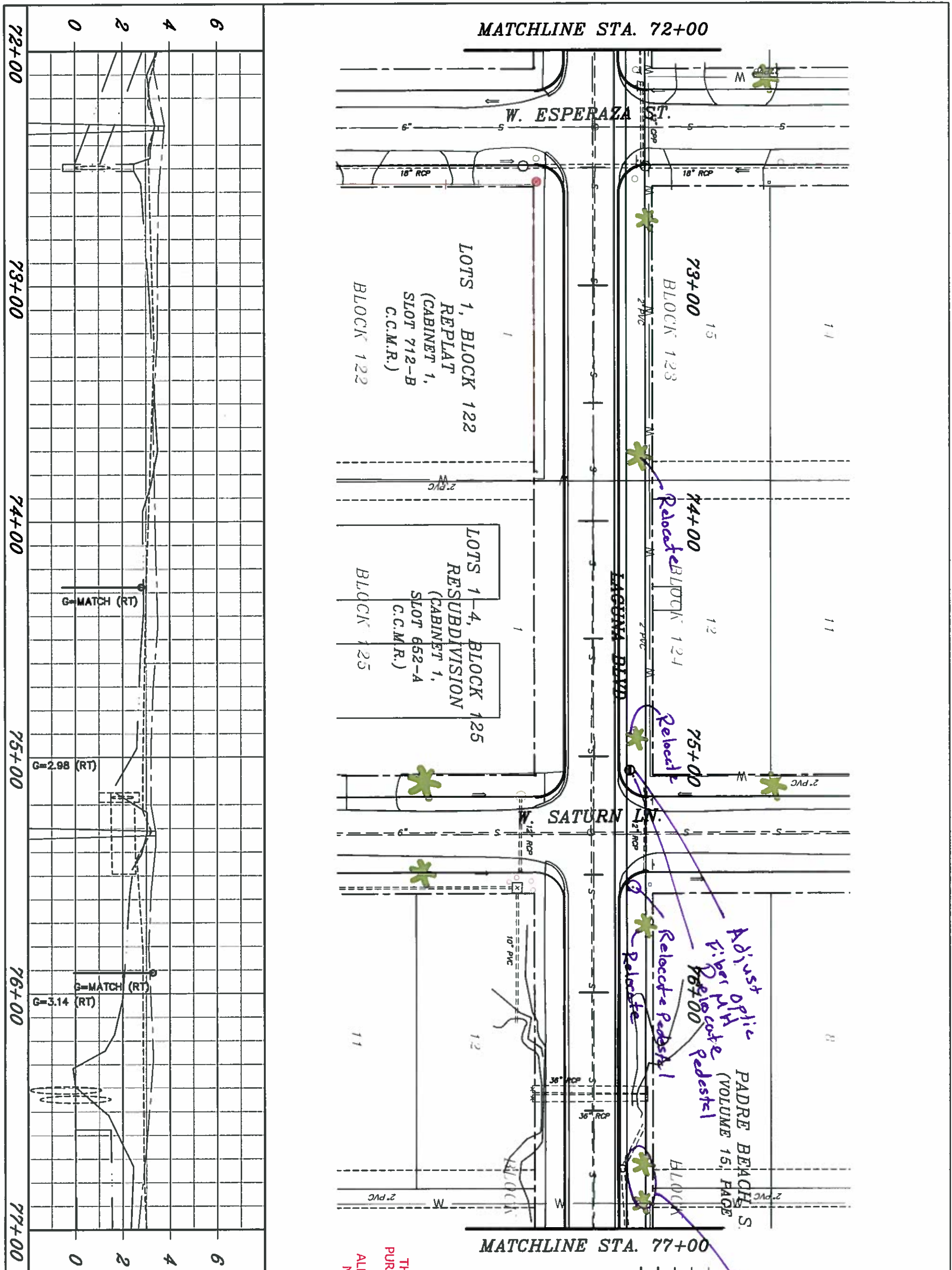
DRAWN BY: CAS

DATE: 06/24/2020

FILE: LAGUNABLVD-DESIGN1

30 OF 77

South Padre Island
4601 PADRE BLVD.
SOUTH PADRE ISLAND
TEXAS 78697
Tel: (956) 761-0168
Fax: (956) 761-9896



MATCHLINE STA. 72+00

MATCHLINE STA. 77+00

BENCHMARK
 IRON PIN FOUND
 AT S.W. CORNER OF
 PADRE BLVD & SATURN LN.
 (ELEV. 2.78)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06.24.2020

**LAGUNA BOULEVARD
 STREET AND DRAINAGE IMPROVEMENTS**

PLAN & PROFILE
 77+00 TO 77+00

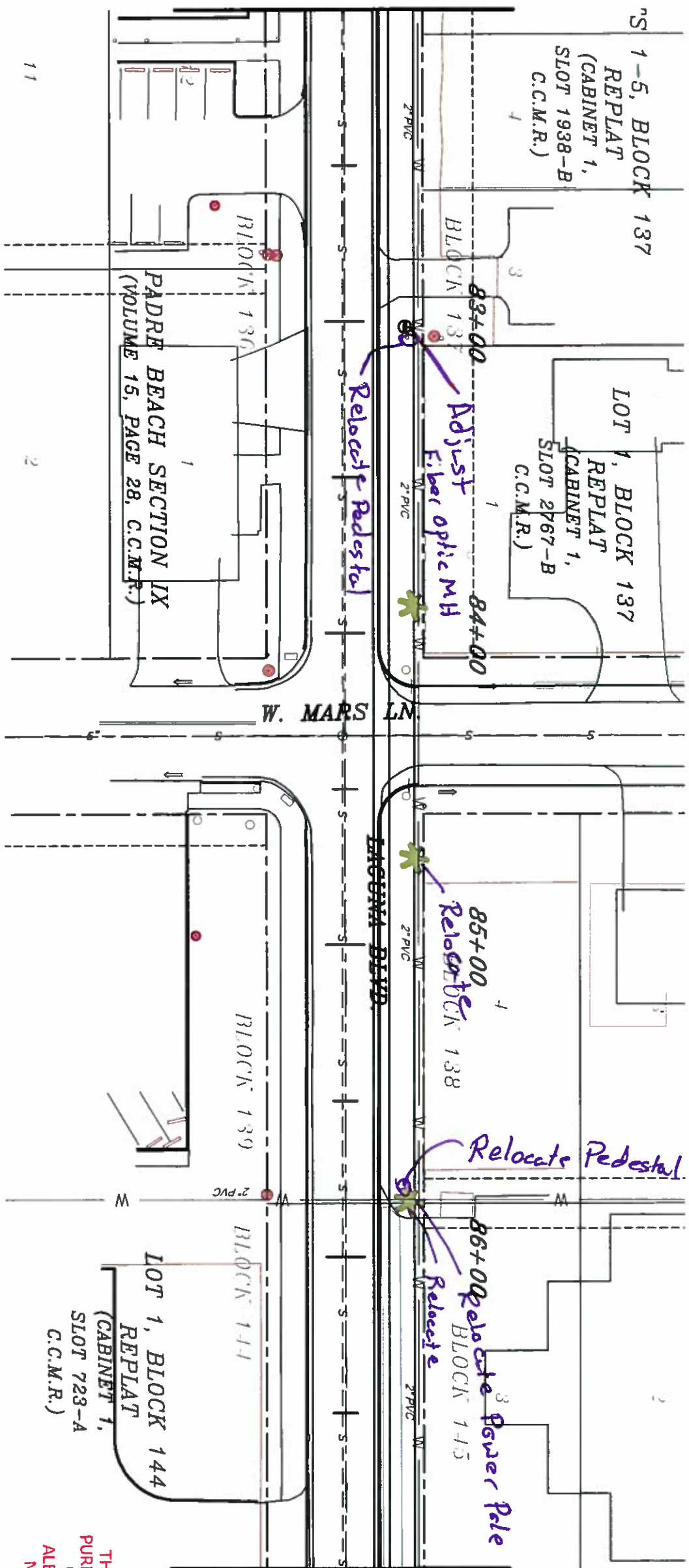
PUBLIC WORKS

4601 PADRE BLVD
 SOUTH PADRE ISLAND
 TEXAS 78697
 (956) 761-8166
 Fax (956) 761-9808

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 DATE: 06/24/2020
 FILE: LAGUNABLDV-DESIGN1

SHEET 31 OF 11

MATCHLINE STA. 82+00



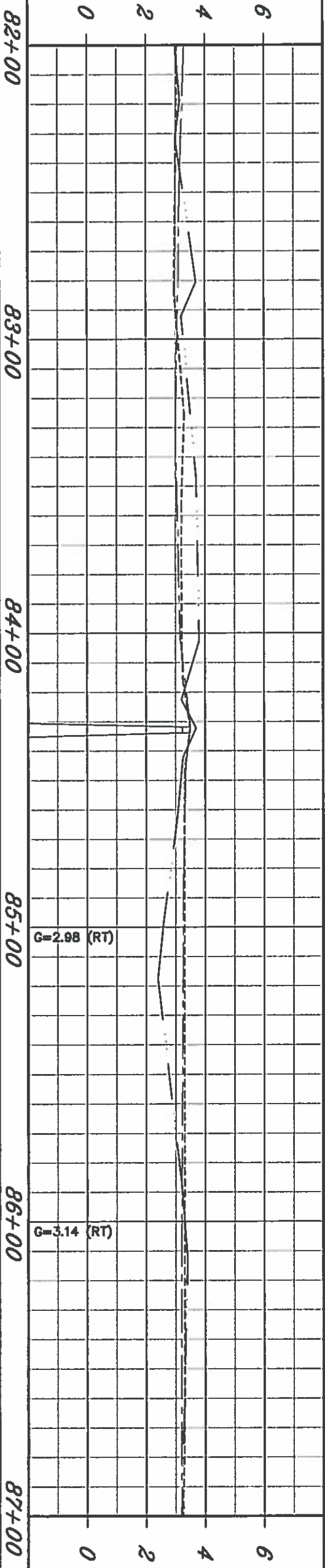
MATCHLINE STA. 87+00

BENCHMARK
RAILROAD SPIKE IN POWER POLE
AT S.W. CORNER OF
LAGUNA BLVD & MARS LN.
(ELEV. 3.89)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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CAS 06-24-2020



**LAGUNA BOULEVARD
STREET AND DRAINAGE IMPROVEMENTS**

**PLAN & PROFILE
82+00 TO 87+00**

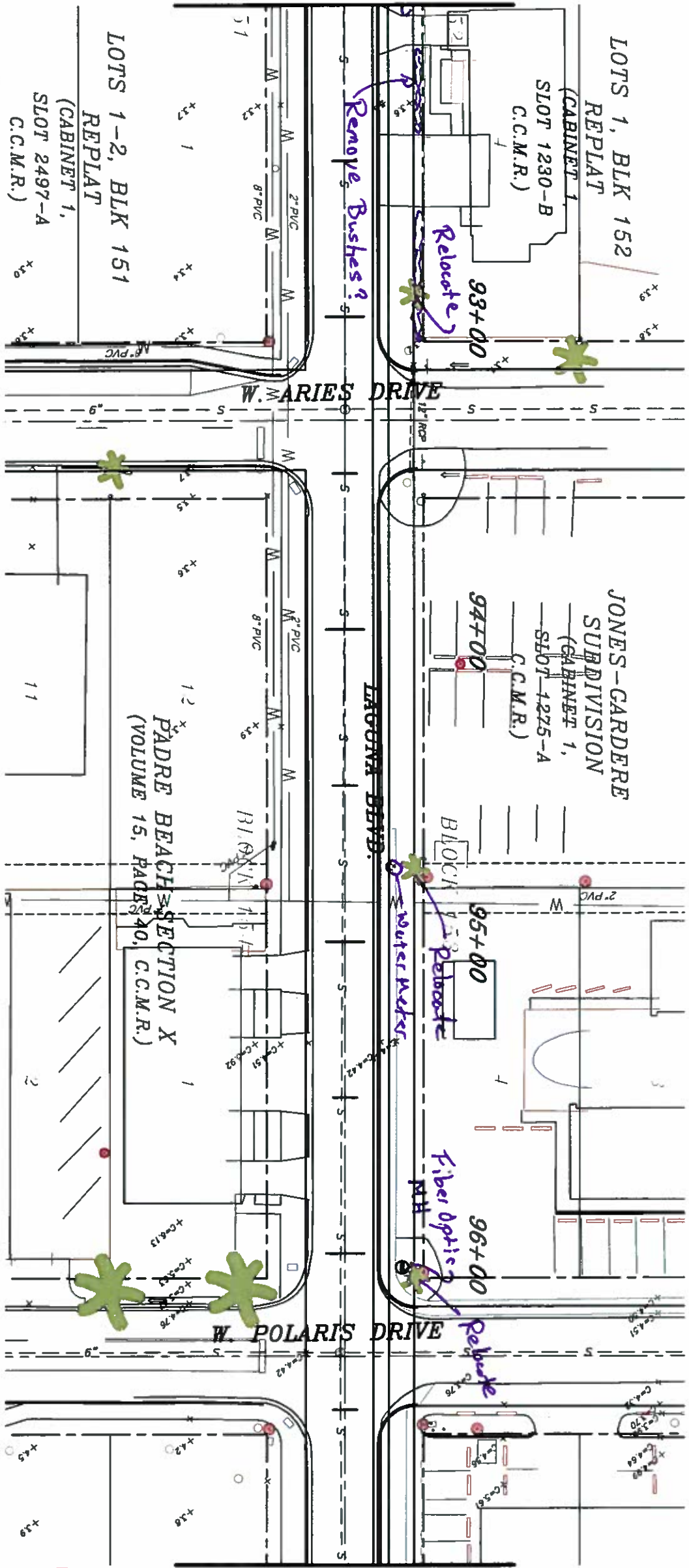
PUBLIC WORKS

South Padre Island
4601 PADRE BLVD
SOUTH PADRE ISLAND
TEXAS 78697
(956) 761-8155
FAX (956) 761-3808

SCALE: 1"=40'
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DATE: 06/24/2020
REVISIONS: SHEET
FILE: LAGUNABLVD-DESIGN1

39
OF 40

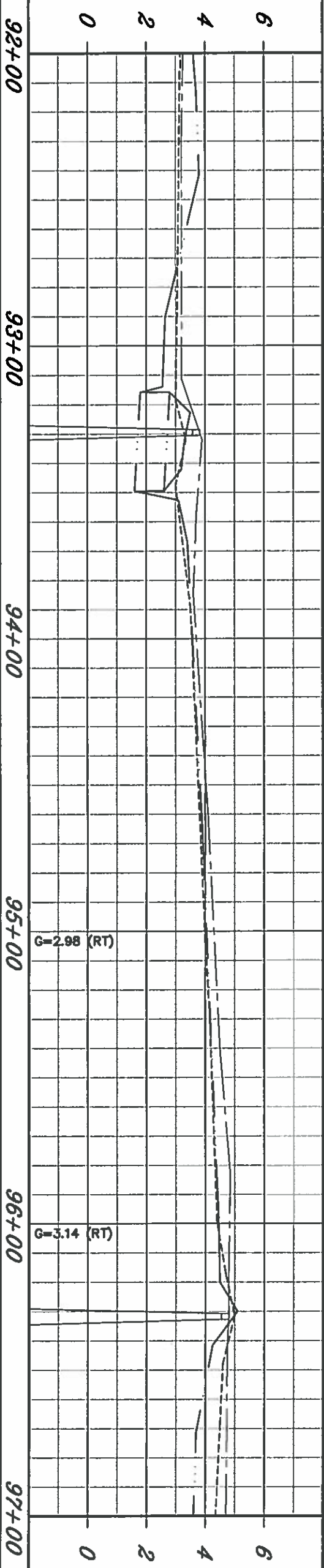
MATCHLINE STA. 92+00



MATCHLINE STA. 97+00

- BENCHMARK**
IRON PIN FOUND
AT S.E. CORNER OF
LAGUNA BLVD & ARIES DR.
(ELEV. 2.60)
- EXIST. CENTERLINE
 - EXIST. WEST SWALE
 - EXIST. EAST GUTTER
 - PROP. CENTERLINE
 - PROP. WEST GUTTER

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**LAGUNA BOULEVARD
STREET AND DRAINAGE IMPROVEMENTS**

PLAN & PROFILE
92+00 TO 97+00

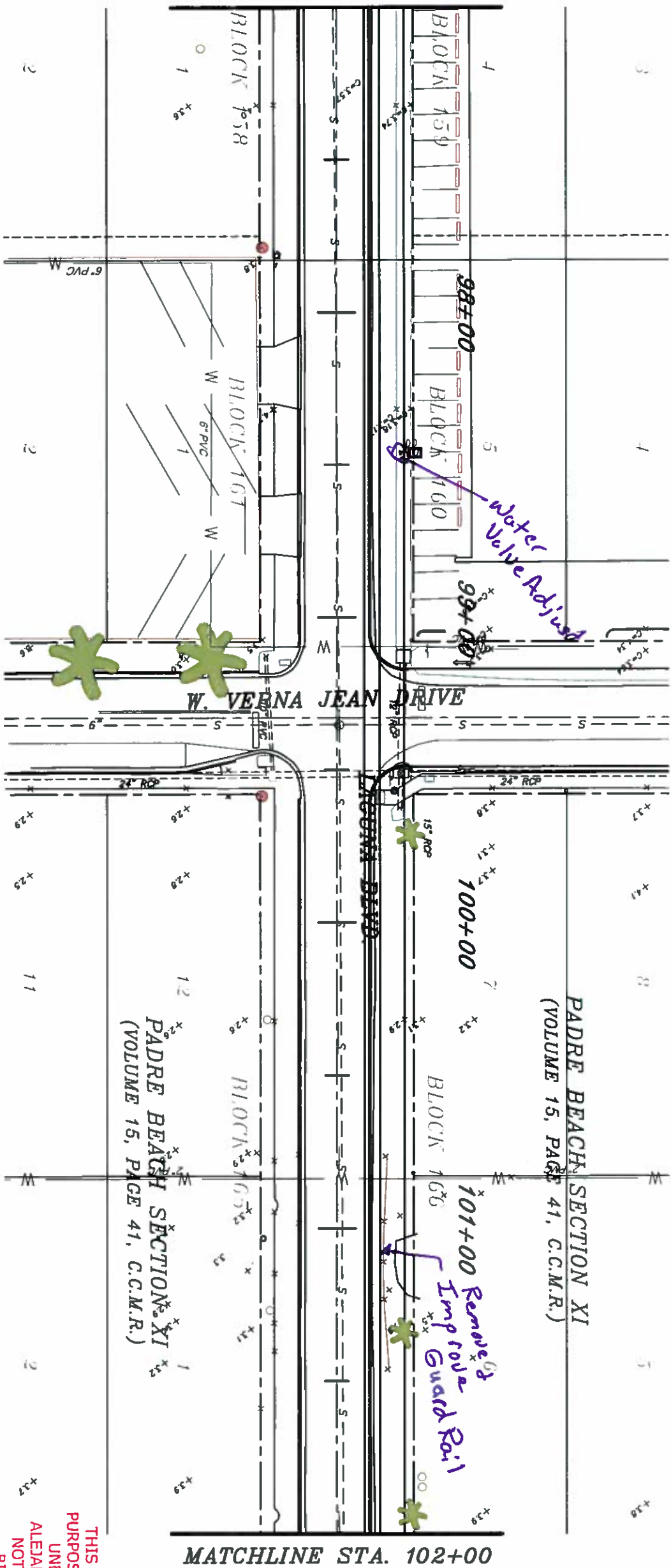
PUBLIC WORKS

4001 PADRE BLVD
SOUTH PADRE ISLAND
TEXAS 78697
761-9166
761-9166

SCALE: 1"=40'
DRAWN BY: CAS
DATE: 06/24/2020
REVISIONS: SHEET 36 OF 40

FILE: LAGUNABLVD-DESIGN1

MATCHLINE STA. 97+00

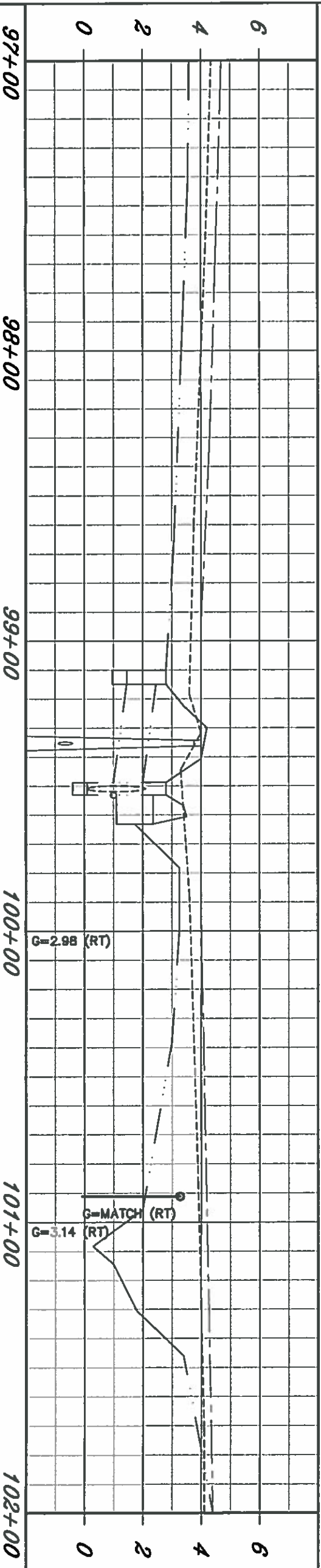


MATCHLINE STA. 102+00

- EXIST. CENTERLINE
- - - EXIST. WEST SWALE
- - - EXIST. EAST GUTTER
- - - PROP. CENTERLINE
- - - PROP. WEST GUTTER

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06-25-2020
 CAS



LACUNA BOULEVARD
 STREET & DRAINAGE IMPROVEMENT

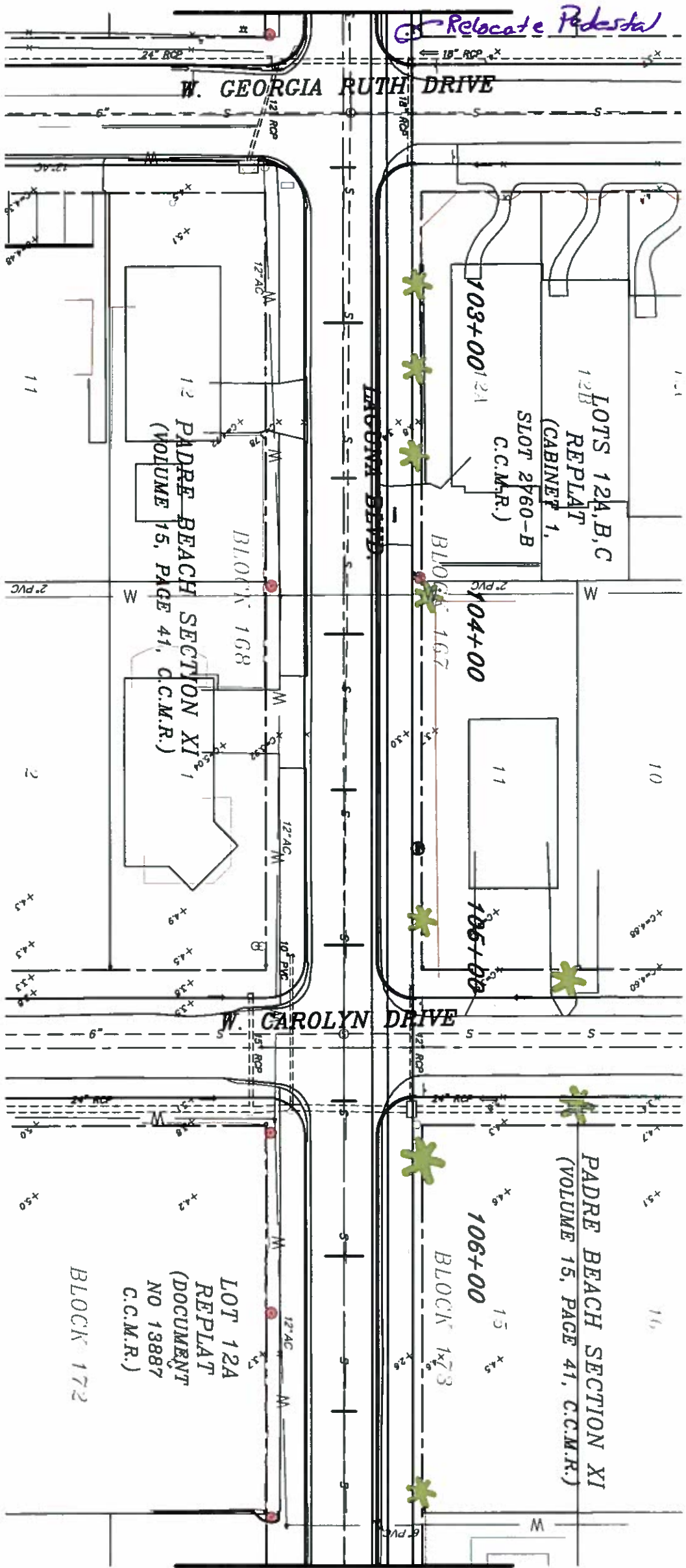
PLAN & PROFILE
 97+00 TO 102+00

PUBLIC WORKS

South Padre Island
 4901 PADRE BLVD
 SOUTH PADRE ISLAND
 TEXAS 78697
 Fax (956) 761-8166
 Fax (956) 761-3998

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 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LAGUNABLD-DESIGN1
 SHEET 36 OF 40

MATCHLINE STA. 102+00



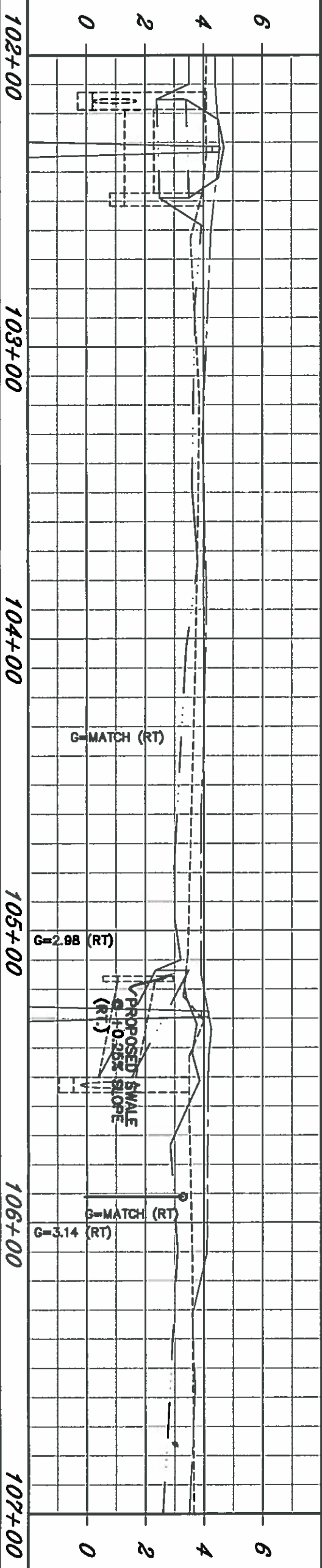
MATCHLINE STA. 107+00

BENCHMARK
 IRON PIN FOUND
 AT S.E. CORNER OF
 LAGUNA BLVD & CAROLYN DR.
 (ELEV. 3.00)

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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**LAGUNA BOULEVARD
 STREET & DRAINAGE IMPROVEMENTS**

**PLAN & PROFILE
 102+00 TO 107+00**

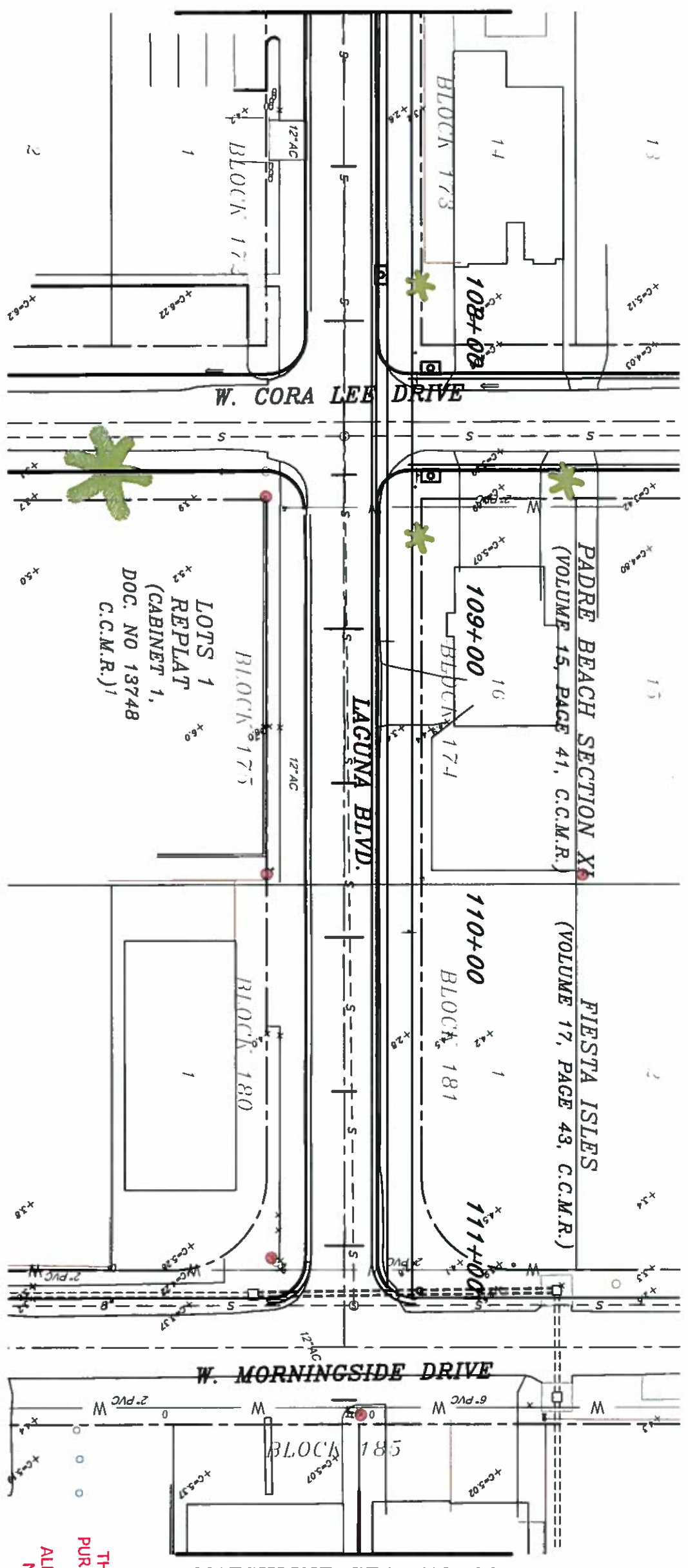
PUBLIC WORKS

4601 PADRE BLVD.
 SOUTH PADRE ISLAND
 TEXAS 78697
 (956) 761-8168
 Fax (956) 761-8898

SCALE: 1"=40'
 DRAWN BY: CAS
 DATE: 06/24/2020
 FILE: LAGUNA/BLVD-DESIGN2-0

SHEET **97**
 OF 40

MATCHLINE STA. 107+00

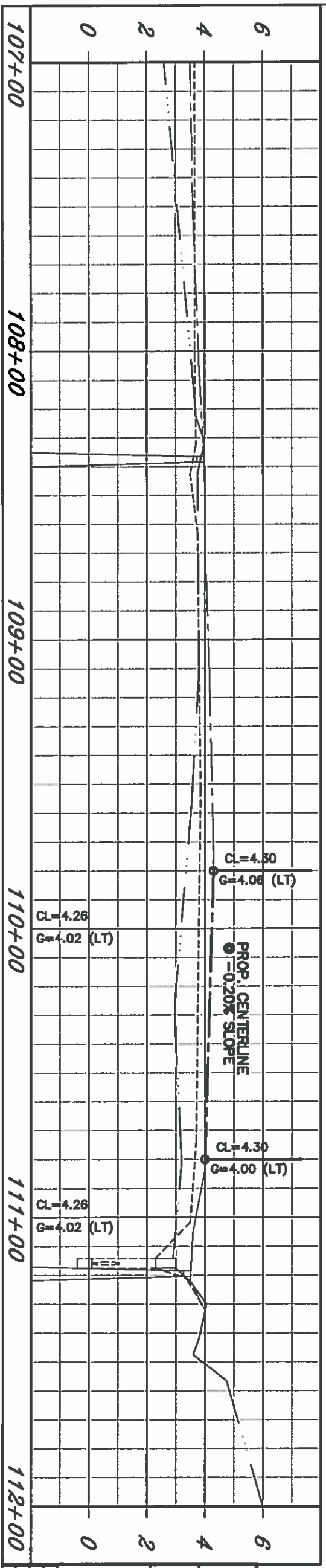


MATCHLINE STA. 112+00

- EXIST. CENTERLINE
- EXIST. WEST SWALE
- EXIST. EAST GUTTER
- PROP. CENTERLINE
- PROP. WEST GUTTER

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06-25-2020
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**LACUNA BOULEVARD
 STREET & DRAINAGE IMPROVEMENTS**

PLAN & PROFILE
 107+00 TO 112+00

PUBLIC WORKS

4601 PADRE BLVD
 SOUTH PADRE ISLAND
 TEXAS 78697
 (956) 761-8106
 Fax (956) 761-9888

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 DATE: 06/24/2020
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REVISIONS: SHEET 38 OF 40

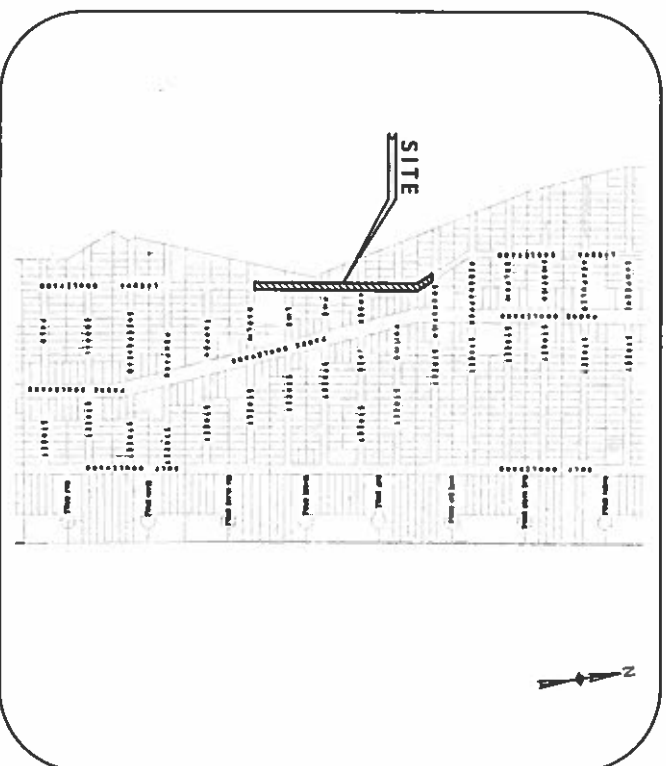
LAGUNA BOULEVARD ROAD IMPROVEMENTS

SOUTH PADRE ISLAND, TEXAS



SOUTH PADRE ISLAND CITY COUNCIL

BARRY PATEL	MAYOR
ALITA BAGLEY	MAYOR PRO-TEM
ALEX AVALOS	MEMBER
DENNIS STAHL	MEMBER
THERESA METTY	MEMBER
PAUL MUNARRIZ	MEMBER



SOUTH PADRE ISLAND, TEXAS
VICINITY MAP
NOT TO SCALE

SHEET INDEX

GENERAL	
COVER SHEET	
C1.0	GENERAL NOTES
C2.0	DEMOLITION PLAN
C3.0	PAVING & DIMENSIONAL SURVEY CONTROL PLAN
C4.0	GRADING & DRAINAGE PLAN
C4.1	GRADING & DRAINAGE PLAN
C4.2	EROSION CONTROL PLAN
C5.0	MISCELLANEOUS DETAILS
C6.0	



5000 WEST MILITARY, SUITE 100
MCALLEN, TEXAS 78803
TEL (956) 884-0288
FAX (956) 884-0282
WWW.HALFF.COM
AVO-31772 SEPTEMBER 2016



GENERAL CONSTRUCTION NOTES:

- 1) ALL IMPROVEMENTS TO BE IN ACCORDANCE WITH CITY OF SOUTH PADRE ISLAND AND LAGUNA MADRE WATER DISTRICT CODES AND DESIGN STANDARDS.
- 2) ALL TRAFFIC CONTROL / TRAFFIC SAFETY SHOULD BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CRITERIA CURRENT EDITIONS.
- 3) CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION.
- 4) CONTRACTOR TO PLAN AND PERFORM HIS/HER WORK IN A MANNER THAT WILL PERMIT SAFE PUBLIC TRAFFIC MOVEMENT ON ALL STREETS.
- 5) TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO BE IN ACCORDANCE WITH SPECIFICATIONS.
- 6) CONTRACTOR SHALL PROVIDE PROTECTIVE DEVICES SUCH AS SIGNS, LIGHTS, AND SIGNALS FOR THE SAFETY OF THE PUBLIC AND WORKERS, AS REQUIRED.
- 7) CONTRACTOR TO BE RESPONSIBLE FOR PROTECTION AND/OR SAFETY OF THE WORK SITE, WORKERS, SUBCONTRACTORS, MATERIALS AND/OR EQUIPMENT.
- 8) CONSTRUCTION STAKING SHALL BE PROVIDED BY THE CONTRACTOR'S EXPENSE.
- 9) ALL DIMENSIONS ARE TO FACE OF CURBS UNLESS SHOWN OTHERWISE.
- 10) MATERIAL TESTING SHALL BE PROVIDED BY THE CITY OF SOUTH PADRE ISLAND/LAGUNA MADRE WATER DISTRICT. RE-TESTING SHALL BE AT CONTRACTOR'S EXPENSE.
- 11) CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OWNER FOR ALL CITY, STATE, AND FEDERAL PERMITS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 12) ANY DAMAGE TO EXISTING PAVEMENT, DRAINAGE OR EXISTING STRUCTURES SHALL BE REPAIRED TO PRE-CONSTRUCTION CONDITION AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 13) THESE PLANS, PREPARED BY HALFF DO NOT EXTEND TO OR INCLUDE DESIGN OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF HALFF REGISTERED PROFESSIONAL ENGINEER (S) HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED IN THESE PLANS. THE CONSTRUCTION CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY PLANS, PERMITS, AND INSURANCE COVERAGE AS REQUIRED BY THE TEXAS LEGISLATURE AND ANY SAFETY ENACTED BY THE TEXAS LEGISLATURE IN THE 70TH LEGISLATURE REGULAR SESSION.
- 14) CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS OR PERSONS IN CHARGE OF THE WORK, AT LEAST 24 HOURS PRIOR TO ANY AND ALL EXCAVATIONS, WORK, NOTIFY TEXAS ONE CALL FOR UTILITY LOCATIONS PRIOR TO ANY AND ALL EXCAVATIONS, DISTRICT ON WORK SCHEDULES, TESTING, GENERAL INSPECTION.
- 15) CONTRACTOR TO COORDINATE WITH THE CITY OF SOUTH PADRE ISLAND AND LAGUNA MADRE WATER DISTRICT ON WORK SCHEDULES, TESTING, GENERAL INSPECTION.
- 16) CONTRACTOR TO EXERCISE CAUTION WHEN WORKING NEAR EXISTING FACILITIES AND/OR UTILITIES. ALL DAMAGE TO BE REPAIRED AT CONTRACTOR'S EXPENSE. ALL COSTS FOR INTERRUPTION OF GAS, ELECTRICAL, COMMUNICATIONS AND/OR WATER SERVICE DUE TO CONTRACTOR'S WORK SHALL BE BORNE BY THE CONTRACTOR.
- 17) INFORMATION ON EXISTING UTILITIES IS FROM BEST AVAILABLE INFORMATION OF RECORD AND SPOT FIELD LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION AND LOCATION OF THESE UNDERGROUND UTILITIES AS REQUIRED AT NO SEPARATE FEE. CITY OF SOUTH PADRE ISLAND AND LAGUNA MADRE WATER DISTRICT PERSONNEL WILL BE AVAILABLE FOR ASSISTANCE AND OPERATION OF VALVES AS REQUIRED. CONTRACTOR TO COORDINATE WITH OTHER UTILITIES COMPANIES, ELECTRICAL UTILITIES, GAS UTILITIES AND TELEPHONE UTILITIES.
- 18) ALL SPILL, MATERIAL AND DEBRIS SHALL BE DISPOSED OFF-SITE BY CONTRACTOR IN A LEGAL MANNER. FURNISHING AND TRANSPORTATION OF ALL OFF-SITE MATERIAL TO BE AT CONTRACTOR'S EXPENSE.
- 19) UPON COMPLETION OF CONSTRUCTION CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONDITIONS UNLESS DIFFERENT FINISHED ELEVATIONS ARE SHOWN ON PLANS. CONTRACTOR TO INSURE NO AREAS OF PONDING ARE PRESENT.
- 20) CONCRETE NOTES:
 A) ALL CONCRETE WORK TO BE FORMED, UNLESS OTHERWISE APPROVED.
 B) ALL CONCRETE TO BE 3000-PSI MINIMUM AT 28 DAYS, UNLESS OTHERWISE SHOWN. STRENGTH TO BE DETERMINED BY CYLINDER BREAK TEST.
 C) ALL REINFORCING STEEL TO BE ASTM A-615, GRADE 60 UNLESS OTHERWISE SHOWN.
 D) ALL EXPOSED CONCRETE WORK TO BE CHAMFERED.
- 21) DEMOLITION, REMOVAL, & DISPOSAL OF ALL EXCESS CONCRETE, CURBS, RUBBLE, ETC. TO BE DONE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
- 22) CONTRACTOR TO CONTACT CITY OF SOUTH PADRE ISLAND AND LAGUNA MADRE WATER DISTRICT 48 HOURS PRIOR TO CONSTRUCTION OF DRIVEWAYS AND SIDEWALKS.
- 23) CONTRACTOR TO INSURE SAME DAY ACCESS TO ALL RESIDENCES AND BUSINESSES ADJACENT TO CONSTRUCTION.

PAVING CONSTRUCTION NOTES:

- 1) CONTRACTOR TO FILL BEHIND CURBS AND WALKS AND SHAPE TO INSURE PROPER DRAINAGE.
- 2) NO TRAFFIC SHALL BE ALLOWED ON THE FINISHED WEARING SURFACE UNTIL AT LEAST 12 HOURS AFTER COMPLETION OF ROLLING.
- 3) ANY SETTLEMENT UNDER PAVEMENT DUE TO INADEQUATE COMPACTION OF UTILITY LINE BACK FILL SHALL BE CAUSE FOR RECOMPACTION OF TRENCH AND REPLACEMENT OF PAVEMENT SECTION AT CONTRACTOR'S EXPENSE.
- 4) CONTRACTOR TO PROVIDE TRANSITION FROM EXISTING DRIVEWAYS TO PROPOSED STREET GRADE AT A MAXIMUM SLOPE OF 10% UNLESS OTHERWISE NOTED.
- 5) HOT MIX ASPHALT CONCRETE TO BE IN ACCORDANCE WITH 1:DOT SPECIFICATION TYPE "D" OR HMA (COALITY D SAC-B PG 76-22".
- 6) HOT MIX ASPHALT CONCRETE TRANSPORT TRUCKS TO BE EQUIPPED WITH CANVAS COVERS TO BE UTILIZED DURING MATERIAL HAULING. MATERIAL DELIVERED TO SITE AT IMPROPER TEMPERATURE SHALL BE REJECTED. HOT MIX SHALL BE LAID AT A MINIMUM TEMPERATURE OF 225°F.

DEMOLITION NOTES:

- 1) ALL MATERIAL TO BE REMOVED SHALL BE DISPOSED IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.

WATERLINE CONSTRUCTION NOTES:

- 1) ALL WATER LINES TO BE C-900 CLASS 150 PVC UNLESS OTHERWISE NOTED.
- 2) DOUBLE CHECK VALVE WILL BE REQUIRED WHEN FILING NEW WATERLINE FOR PRESSURE TESTING.
- 3) ALL WATER & WASTEWATER COLLECTION LINE CROSSING TO BE CONSTRUCTED IN ACCORDANCE WITH TCEQ REGULATION, CHAPTER 290 & 217.
- 4) ALL WATER LINE CONSTRUCTION SHALL BE IN COMPLIANCE WITH TCEQ REGULATION SECTION 290.
- 5) CONTRACTOR TO FIELD LOCATE EXISTING METERS & PROPOSED SERVICE CONNECTION LOCATIONS PRIOR TO CONSTRUCTION OF MAIN.
- 6) CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING LINES TO BE TIED IN TO NEW MAIN PRIOR TO SETTING LOCATION OF TEEN-TEE & VALVE ON MAIN.
- 7) WATERLINE MAINS TO BE HYDROSTATICALLY & BACTERIOLOGICALLY TESTED PER CITY OF SOUTH PADRE ISLAND AND LAGUNA MADRE WATER DISTRICT REQUIREMENTS PRIOR TO TIE-INS. CITY OF SOUTH PADRE ISLAND AND LAGUNA MADRE WATER DISTRICT APPROVAL OF TESTING IS REQUIRED.
- 8) CONTRACTOR TO STAMP CURB AND GUTTER WITH "W" AT LOCATION OF WATER SERVICE LINES FOR VACANT LOTS FOR FUTURE USE.
- 9) CONTRACTOR SHALL MAINTAIN AS MINIMUMS 10 FEET HORIZONTAL AND 2 FEET VERTICAL SEPARATION BETWEEN WATER LINES AND ANY OTHER SEWER.
- 10) NO WATER JETTING ALLOWED, MECHANICAL COMPACTION REQUIRED.
- 11) FINE HYDRANTS SHALL BE PLACED 3.0 FEET BEHIND BACK OF CURB AND FLANGE SHALL BE 6 INCHES ABOVE GRADE UNLESS OTHERWISE NOTED.
- 12) CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4FT OF COVER ON ALL WATER LINES.
- 13) FITTINGS TO BE USED ON DEFLECTIONS AS NEEDED FOR THE INSTALLATION OF THE WATERLINE COMPLETE IN PLACE.
- 14) WATER METER TO BE SUBSIDIARY TO WATER LINE INSTALLATION.
- 15) MEGA LUGS TO BE USED ON ALL FITTINGS.
- 16) CONTRACTOR IS RESPONSIBLE FOR INSTALLING VALVES, FITTINGS AND ALL INCIDENTALS AS NEEDED FOR A COMPLETE IN PLACE SYSTEM AND SHALL BE SUBSIDIARY TO PIPE INSTALLATION.

UTILITY GENERAL NOTES

- 1) CONTRACTOR TO CONTACT ALL UTILITY COMPANIES IN THE AREA FOR FIELD VERIFICATION OF EXISTING FACILITIES. UTILITY COMPANIES TO INCLUDE BUT NOT LIMITED TO THE FOLLOWING:
 TEXAS ONE CALL.....(800) 245-4545
 DIG TESS.....(800) 606-1535
 TEXAS GAS SERVICE.....(956) 959-5325
 SOUTHWESTERN BELL TELEPHONE.....(800) 286-9313
 THE WAWNER CABLE.....(800) 224-5259
 AT&T NETWORKS.....(800) 224-5259
 AEP TEXAS.....(800) 544-4377
 LAGUNA MADRE WATER DISTRICT.....(956) 544-2626
 CAMERON COUNTY.....(956) 542-2260
 TADOT.....
- 2) CONTRACTOR TO EXPOSE ANY EXISTING UTILITY THAT MAY BE IN CONFLICT PRIOR TO START OF EXCAVATION.
- 3) ALL EXISTING UTILITIES SHOWN ARE FROM BEST INFORMATION AVAILABLE. NEITHER THE ENGINEER NOR THE CITY TAKE RESPONSIBILITY FOR ACCURACY OF LOCATION.
- 4) CONTRACTOR SHALL AT ALL TIMES ALLOW ACCESS TO EXISTING DRIVEWAY OR PROVIDE/MAINTAIN ALTERNATIVE ALL-WEATHER ROUTES.
- 5) ALL TRAFFIC CONTROL DEVICES SHALL BE IN CONFORMANCE WITH TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION. TRENCHES OR EXCAVATIONS MAY NOT BE LEFT OPEN OVERTIME.
- 6) ANY DAMAGES TO FENCES, WALKS, OR PRIVATE PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- 7) ALL CONSTRUCTION MATERIALS TESTING WILL BE COORDINATED THROUGH THE CITY OF SOUTH PADRE ISLAND LAGUNA MADRE WATER DISTRICT.
- 8) WORK REQUIRED TO BE INSPECTED BY THE CITY SHALL OCCUR DURING REGULAR WORKING HOURS, MONDAY THROUGH FRIDAY. NO WORK TO OCCUR DURING CITY HOLIDAYS, NON-WORKING HOURS, MONDAY THROUGH FRIDAY, AND WEEKENDS UNLESS APPROVED BY THE CITY. INSPECTION OVERTIME COSTS TO BE BORNE BY CONTRACTOR.
- 9) USE CLASS 'B' EMBEDMENT FOR UTILITY TRENCHES UNDER PAVEMENT.
- 10) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL EXCAVATED MATERIAL AND DEBRIS FROM THE SITE.

WASTEWATER COLLECTION LINE CONSTRUCTION NOTES:

- 1) ALL PROPOSED SEWER LINES WILL BE SDR 36 PIPE MATERIAL UNLESS OTHERWISE NOTED.
- 2) CONTRACTOR TO PROVIDE DEFLECTION TEST IN ACCORDANCE WITH TCEQ CHAPTER 217.57 (a), MANHOLE TO BE PULLED IN BOTH DIRECTIONS.
- 3) CONTRACTOR TO PROVIDE LOW PRESSURE AIR TEST IN ACCORDANCE WITH TCEQ CHAPTER 217.57 (d), (i), 30 DAYS AFTER INSTALLATION. NO WATER TEST ALLOWED.
- 4) CONTRACTOR TO FIELD VERIFY THE LOCATION OF EXISTING UTILITIES & FACILITIES PRIOR TO CONSTRUCTION.
- 5) ALL CROSSING OF WASTEWATER COLLECTION LINES AND WATERLINES CONSTRUCTED IN ACCORDANCE WITH TCEQ REGULATIONS CHAPTER 290 AND 217.
- 6) CONTRACTOR TO PROVIDE LEAKAGE TEST FOR MANHOLE IN ACCORDANCE WITH TCEQ CHAPTER 217.58 (a), (b) OF THE STATE WASTEWATER CODE NO WATER TEST ALLOWED.
- 7) CONTRACTOR TO STAMP CURB AND GUTTER WITH "WAT" LOCATION OF WASTEWATER SERVICE LINES.
- 8) ALL WASTEWATER CONSTRUCTION SHALL BE IN COMPLIANCE WITH TCEQ REGULATIONS 217.
- 9) NO WATER JETTING ALLOWED, MECHANICAL COMPACTION REQUIRED.
- 10) ALL STRUCTURES TO BE ADJUSTED BY THE CONTRACTOR TO MEET FINAL GRADE. A MAXIMUM OF 2 FEET OF THROUGH RINGS WILL BE ALLOWED.

STORM DRAINAGE LINE CONSTRUCTION NOTES:

- 1) CONTRACTOR TO PROVIDE POSITIVE OUTFLOW FOR SITE AT ALL TIMES. IN THE CASE OF A STORM EVENT, CAPACITY FOR STORM WATER RUNOFF SHALL BE PROVIDED ON SITE AS A TEMPORARY DETENTION FACILITY TO MINIMIZE ADJACENT LOCAL FLOODING.
- 2) ALL STORM PIPES SHALL BE CLASS REINFORCED CONCRETE PIPE WITH RUBBER GASKET SEALED JOINTS, UNLESS OTHERWISE NOTED ON PLANS.
- 3) AT LOCATIONS WHERE CORRUGATED METAL PIPE (CMP) IS REQUIRED, CMP SHALL BE CALYMERED WITH POLYMER COATING INSIDE AND OUTSIDE. CMP SHALL BE CONTINUED BRAND OR APPROVED EQUAL AND SHALL MEET CAMERON COUNTY DRAINAGE DISTRICT NUMBER FIVE STANDARDS AND SPECS.
- 4) CONTRACTOR TO FIELD VERIFY THE LOCATION OF EXISTING UTILITIES & FACILITIES PRIOR TO CONSTRUCTION.
- 5) ALL DIMENSIONS AND STATIONS ARE TO CENTER OF STRUCTURE.
- 6) ALL PIPE LENGTHS ARE TO CENTER OF STRUCTURE.



LAGUNA BOULEVARD ROAD IMPROVEMENTS SOUTH PADRE ISLAND, TEXAS



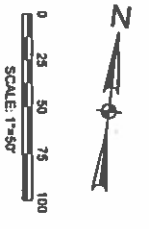
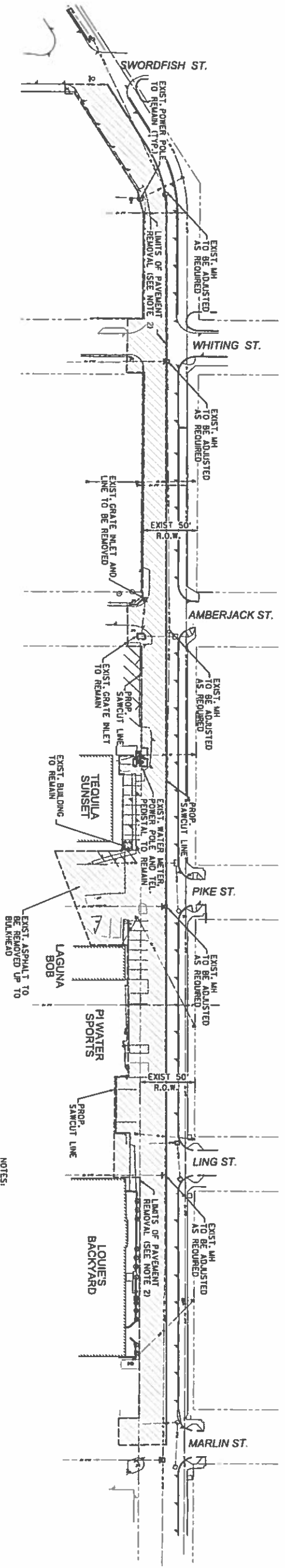
5000 WEST MILITARY SUITE 100
 MACALEN, TX 78500
 TEL (956) 844-8588
 FAX (956) 844-8588

Revision No.	Date	Description



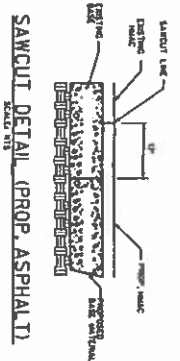
Project No.:	3177Z
Issued:	SEPTEMBER 2018
Drawn By:	C.M.
Checked By:	R.G.
Scale:	AS NOTED
Sheet Title:	GENERAL NOTES

Sheet Number
C1.0



NOTES:

1. ALL MATERIAL TO BE REMOVED SHALL BE DISPOSED IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL REMOVE ALL ASPHALT OVER EXISTING ROADWAY AND REPAIR BASE AS REQUIRED. PAVEMENT IN AREA OUTSIDE OF ROADWAY SHALL INCLUDE REMOVAL OF ASPHALT, BASE MATERIAL, SUBGRADE, CURB & CUTTER, FENCE AND STRIPING AS REQUIRED.
3. ALL DISTURBED AREAS TO BE BACKFILLED TO MATCH EXISTING GRADE. CONVACTION TO REFER TO GRADING PLANS FOR ADDITIONAL FILL AREAS.
4. POLES AND BASES TO BE REMOVED. SIGNS TO BE SALVAGED AND RELOCATED.
5. DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER BURIED CONCRETE FOUNDATIONS WITH REBAR. THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF SAND FOUNDATIONS TO A DEPTH OF FIVE (5) FEET. BIDDERS SHALL PROVIDE A UNIT COST PER TON FOR THIS ITEM. THE OWNER WILL REQUIRE THE CONTRACTOR TO PROVIDE CERTIFIED WEIGHT TICKETS FOR PAYMENT OF THIS ITEM.
6. COORDINATE WITH LANDSCAPE PLANS FOR ADDITIONAL TREES THAT MAY NEED REMOVAL.



SAWCUT DETAIL (PROP. ASPHALT)
Scale: 1/8" = 1'-0"

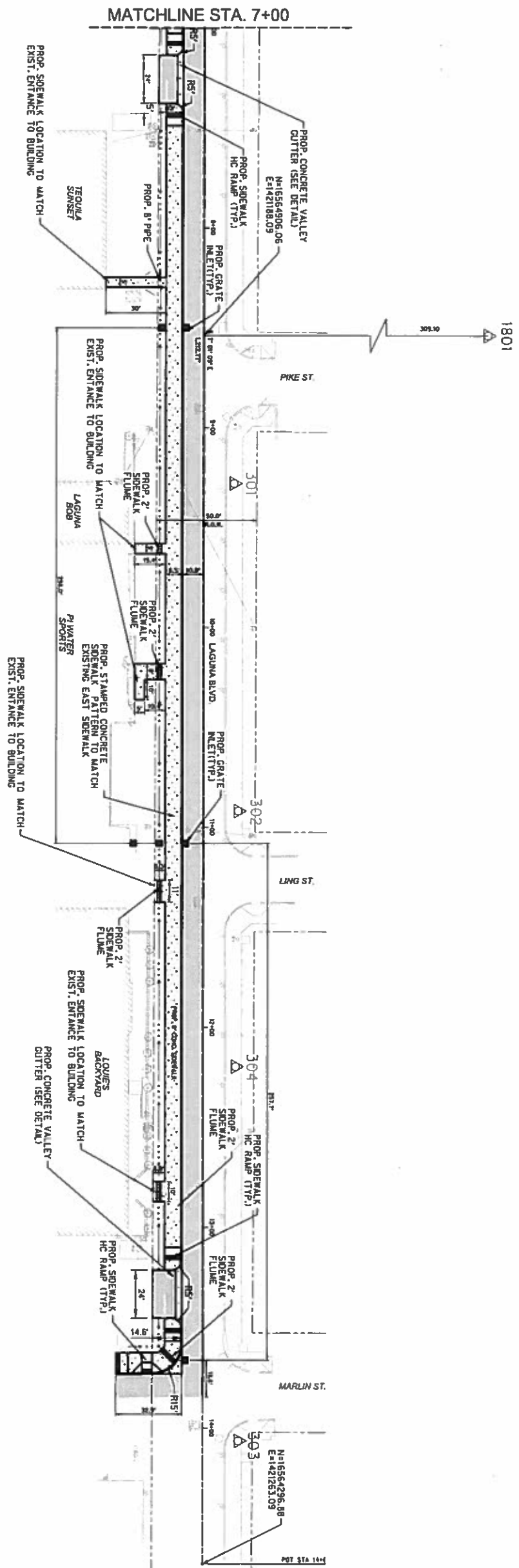
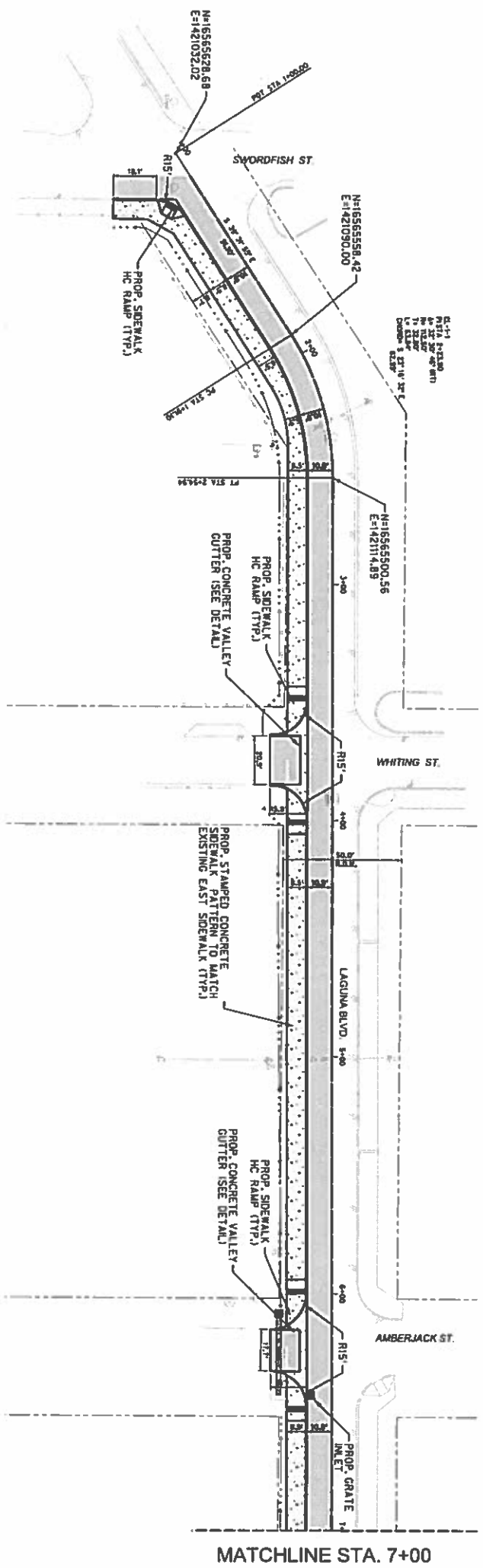
PLANNING APPROVALS
 Planned Removal and Disposal of Existing Asphalt (R.O.W.)
 Planned Removal and Disposal of Existing Asphalt (Outside R.O.W.)
 Planned Removal, Rebar, and Disposal of Existing Foundations (Outside R.O.W.)
 3.287 BT
 1.281 BT
 1.13

Revision		
No.	Date	Description

HALFF
 5000 WEST MILITARY, SUITE 100
 McALLEN, TX 78503
 TEL (361) 664-8296
 FAX (361) 664-8281

**LAGUNA BOULEVARD
 ROAD IMPROVEMENTS
 SOUTH PADRE ISLAND, TEXAS**

Project No.: 31772
 Issued: SEPTEMBER 2016
 Drawn By: C.M.
 Checked By: R.G.
 Scale: AS NOTED
 Sheet Title: DEMOLITION PLAN
 Sheet Number: C2.0



MISCELLANEOUS IMPROVEMENTS

Erosion Control Measures and SWPPP	1.15
Construction Staking	1.15
Striping (Center Strip & Stop Bars)	1.15
Traffic Control	1.15
Utility Adjustment	1.15

NOTES:
1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

POINT	NORTH	EAST	ELEVATION	DESCRIPTION
301	16564834.39	1421212.21	4.05	SPKTP
302	16564672.13	1421234.46	4.00	SPKTP
303	16564358.75	1421213.22	4.40	SPKTP
304	16564545.15	1421248.87	4.26	SPKTP
1801	16564943.83	1421294.85	2.71	BM SQUARE CUT

Revision No.	Date	Description

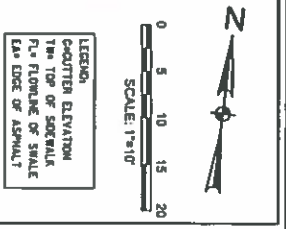
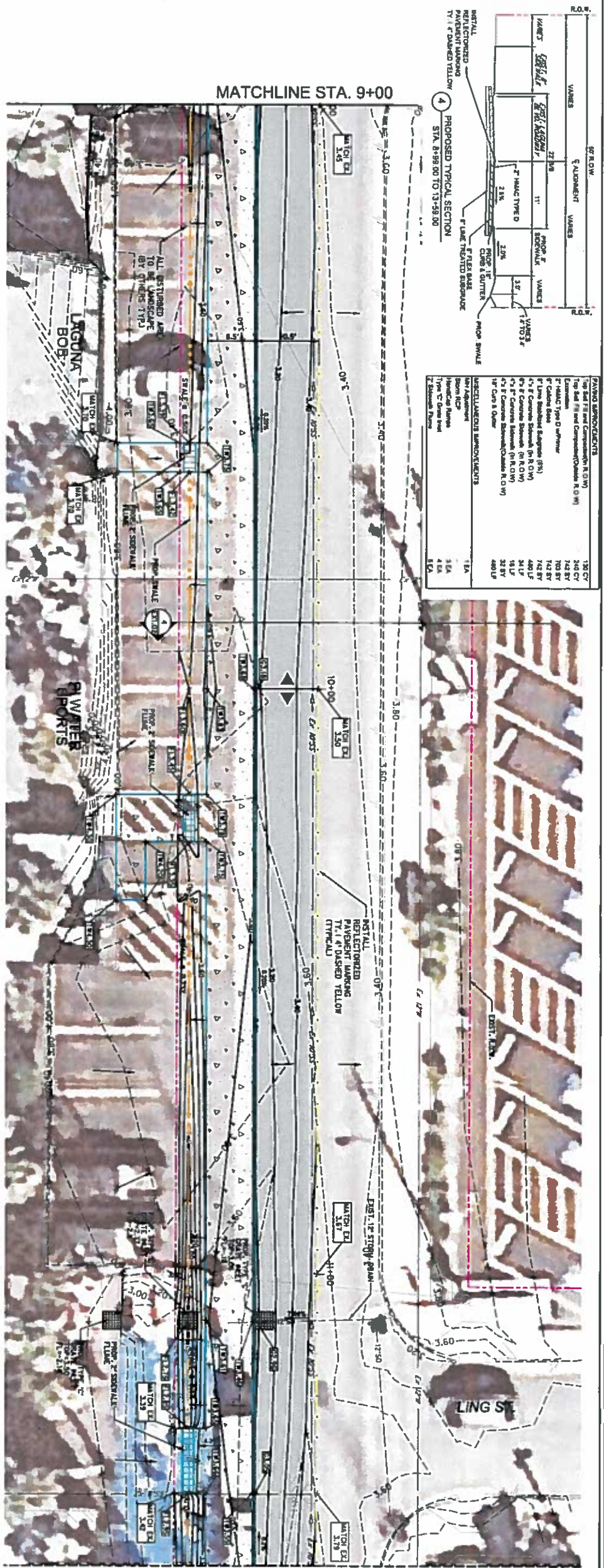
HALFF
5000 WEST MILITARY, SUITE 100
MALLEEN, TX 78503
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TEL (361) 964-2821
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South Padre Island
LAGUNA BOULEVARD ROAD IMPROVEMENTS
SOUTH PADRE ISLAND, TEXAS



Project No.: 31772
Issued: SEPTEMBER 2018
Drawn By: C.M.
Checked By: R.G.
Scale: AS NOTED
Sheet Title: PAVING & DIMENSIONAL SURVEY CONTROL PLAN
Sheet Number: C3.0

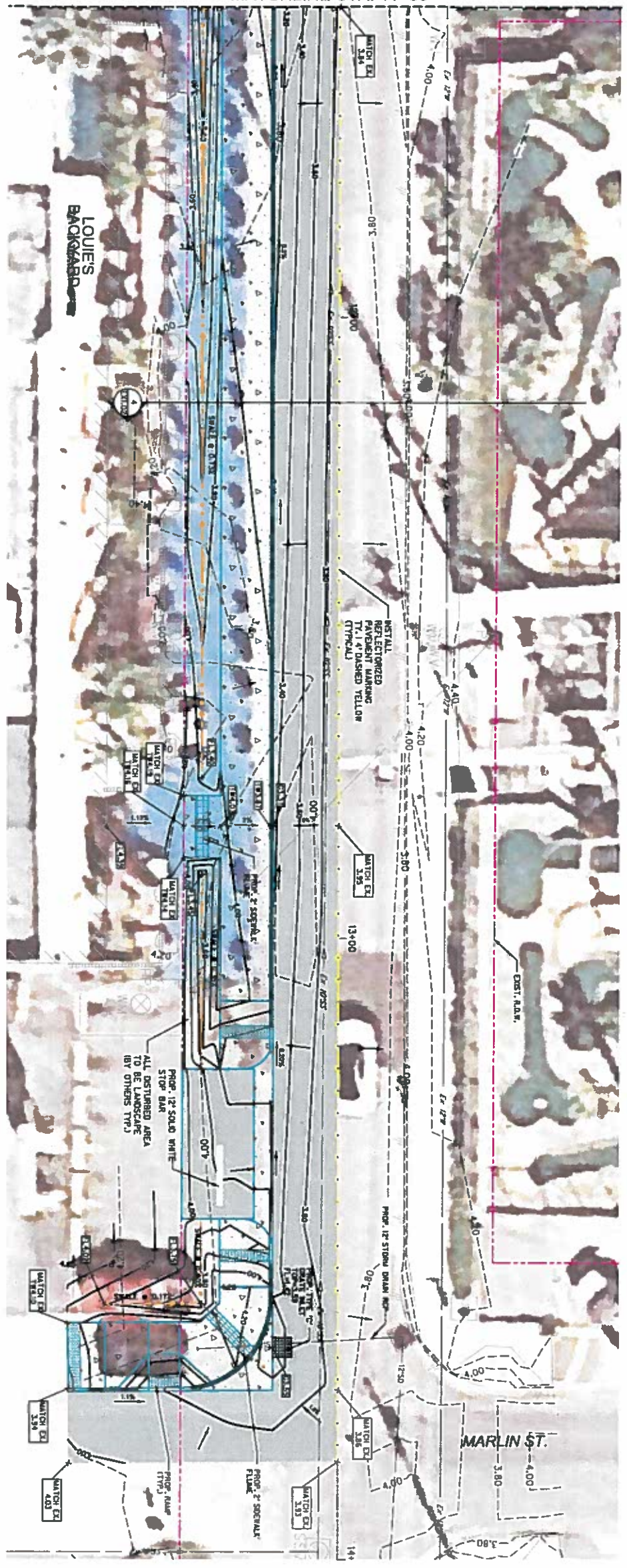
OF ROW		C-ALIGNMENT		VARIABLES	
136.00	136.00	27.50	11'	2.00	1.50
134.00	134.00	2.00	2.00	1.50	1.50
132.00	132.00	2.00	2.00	1.50	1.50
130.00	130.00	2.00	2.00	1.50	1.50
128.00	128.00	2.00	2.00	1.50	1.50
126.00	126.00	2.00	2.00	1.50	1.50
124.00	124.00	2.00	2.00	1.50	1.50
122.00	122.00	2.00	2.00	1.50	1.50
120.00	120.00	2.00	2.00	1.50	1.50
118.00	118.00	2.00	2.00	1.50	1.50
116.00	116.00	2.00	2.00	1.50	1.50
114.00	114.00	2.00	2.00	1.50	1.50
112.00	112.00	2.00	2.00	1.50	1.50
110.00	110.00	2.00	2.00	1.50	1.50
108.00	108.00	2.00	2.00	1.50	1.50
106.00	106.00	2.00	2.00	1.50	1.50
104.00	104.00	2.00	2.00	1.50	1.50
102.00	102.00	2.00	2.00	1.50	1.50
100.00	100.00	2.00	2.00	1.50	1.50
98.00	98.00	2.00	2.00	1.50	1.50
96.00	96.00	2.00	2.00	1.50	1.50
94.00	94.00	2.00	2.00	1.50	1.50
92.00	92.00	2.00	2.00	1.50	1.50
90.00	90.00	2.00	2.00	1.50	1.50
88.00	88.00	2.00	2.00	1.50	1.50
86.00	86.00	2.00	2.00	1.50	1.50
84.00	84.00	2.00	2.00	1.50	1.50
82.00	82.00	2.00	2.00	1.50	1.50
80.00	80.00	2.00	2.00	1.50	1.50
78.00	78.00	2.00	2.00	1.50	1.50
76.00	76.00	2.00	2.00	1.50	1.50
74.00	74.00	2.00	2.00	1.50	1.50
72.00	72.00	2.00	2.00	1.50	1.50
70.00	70.00	2.00	2.00	1.50	1.50
68.00	68.00	2.00	2.00	1.50	1.50
66.00	66.00	2.00	2.00	1.50	1.50
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62.00	62.00	2.00	2.00	1.50	1.50
60.00	60.00	2.00	2.00	1.50	1.50
58.00	58.00	2.00	2.00	1.50	1.50
56.00	56.00	2.00	2.00	1.50	1.50
54.00	54.00	2.00	2.00	1.50	1.50
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46.00	46.00	2.00	2.00	1.50	1.50
44.00	44.00	2.00	2.00	1.50	1.50
42.00	42.00	2.00	2.00	1.50	1.50
40.00	40.00	2.00	2.00	1.50	1.50
38.00	38.00	2.00	2.00	1.50	1.50
36.00	36.00	2.00	2.00	1.50	1.50
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32.00	32.00	2.00	2.00	1.50	1.50
30.00	30.00	2.00	2.00	1.50	1.50
28.00	28.00	2.00	2.00	1.50	1.50
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-100.00	-100.00	2.00	2.00	1.50	1.50



MATCHLINE STA. 9+00

MATCHLINE STA. 11+50

MATCHLINE STA. 11+50



Project No.	31772
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Drawn By	C.M.
Checked By	R.G.
Scale	AS NOTED
Sheet Title	GRADING & DRAINAGE PLAN
Sheet Number	C4.2

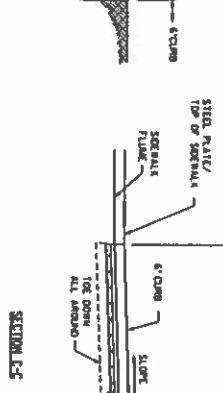
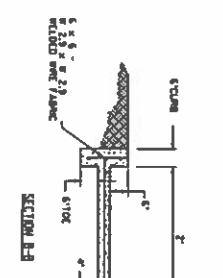
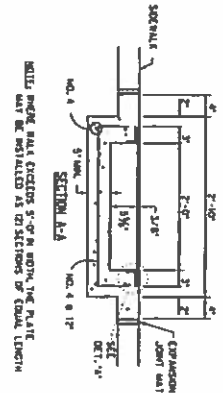
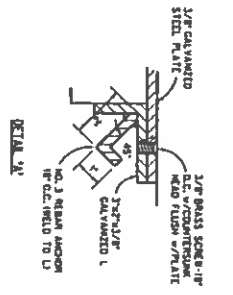
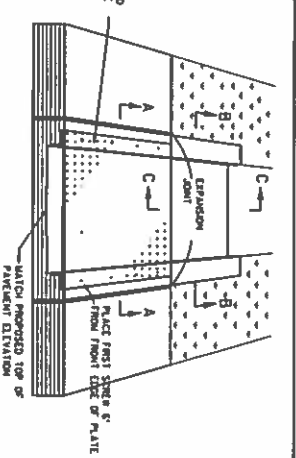


Revision No.	Date	Description

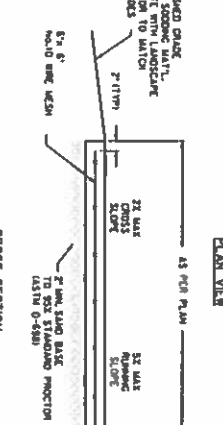
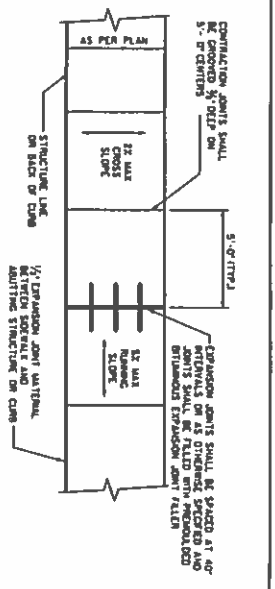
HALFF
 5000 WEST MILITARY, SUITE 100
 MACALLEN, TX 78603
 TEL (956) 984-0288
 FAX (956) 984-0282

South Padre ISLAND

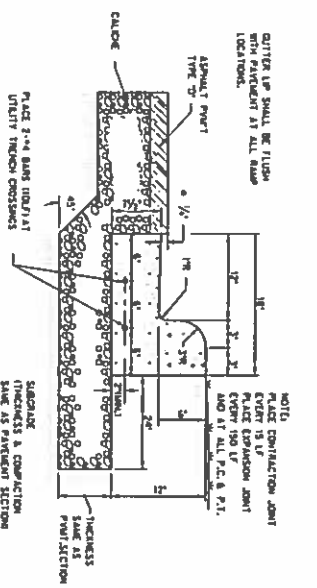
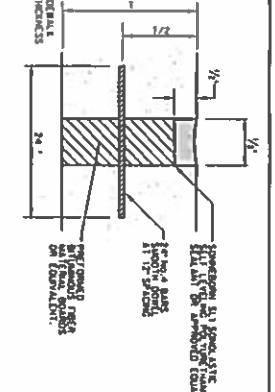
LAGUNA BOULEVARD ROAD IMPROVEMENTS
 SOUTH PADRE ISLAND, TEXAS



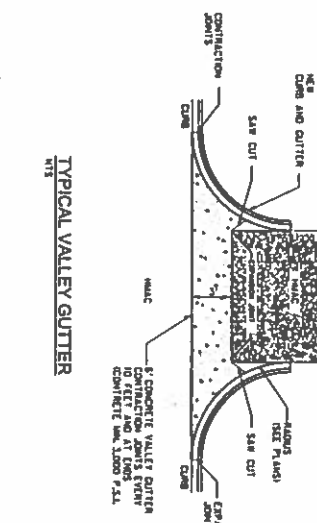
CONCRETE FLUME & SIDEWALK FLUME DETAIL



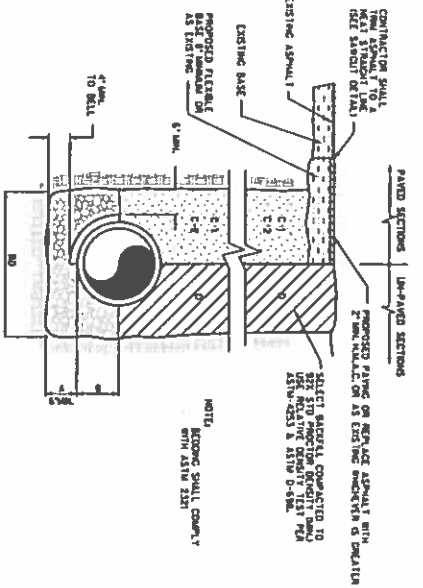
CONCRETE SIDEWALK DETAIL



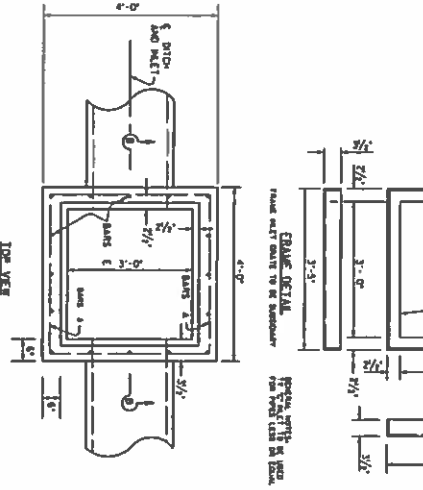
TYPICAL CURB AND GUTTER SECTION



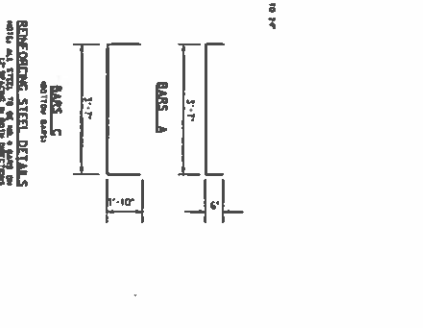
TYPICAL VALLEY GUTTER



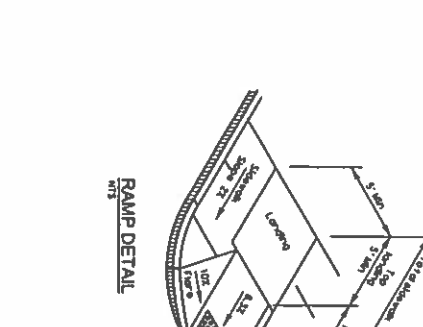
PAVED SECTIONS



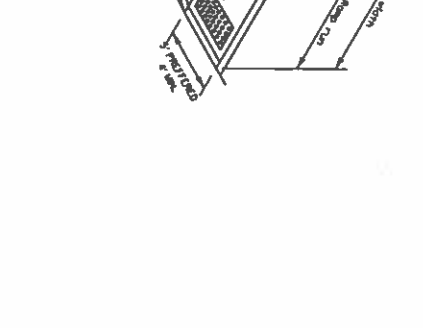
ELEVATED SECTIONS



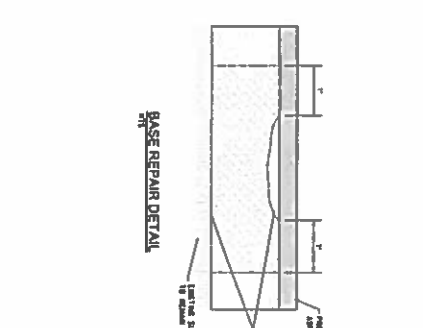
RAMP DETAIL



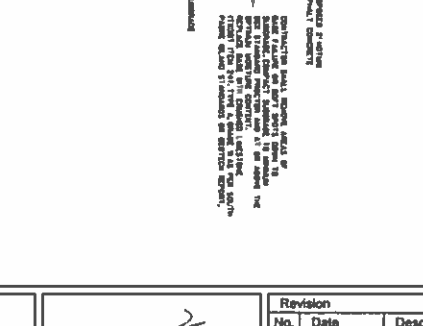
TYPICAL VALLEY GUTTER SECTION



ASPHALT PAVEMENT SECTION



BASE REPAIR DETAIL



TYPICAL SECTION

1. CURB BEING PLACED OUTSIDE PER 5 LAD INK THICKNESS = 6" PER ROW
 2. CURB BEING PLACED INSIDE PER 5 LAD INK THICKNESS = 6" PER ROW
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Revision No.	Date	Description

HALFF
 5000 WEST MILITARY, SUITE 100
 McALLEN, TX 78101
 802-949-8800
 802-949-8801

LAGUNA BOULEVARD ROAD IMPROVEMENTS
 SOUTH PADRE ISLAND, TEXAS

South Padre Island

Project No: 3177Z
 Drawn By: C.M.
 Checked By: R.G.
 Scale: AS NOTED
 Sheet Title: MISCELLANEOUS DETAILS
 Sheet Number: C6.0

Stamp: PAUL GARCIA, JR. PROFESSIONAL ENGINEER