

THE COUNTY OF GALVESTON

RUFUS G. CROWDER, CPPO, CPPB
PURCHASING AGENT

GWEN MCLAREN, CPPB
ASST. PURCHASING AGENT

COUNTY COURTHOUSE
722 Moody (21st Street)
Fifth (5th) Floor
GALVESTON, TEXAS 77550
(409) 770-5371

August 4, 2020

PROJECT NAME: Galveston County Beach Pocket Park No. 2

SOLICITATION NO: B201036

RE: ADDENDUM #1

To All Prospective Bidders:

The following information is being provided to aid in preparation of your bid submittal(s)

Question #1: *On the posting for this project it listed playground but I did not see any on the plans. Will there be any playgrounds on this project:*

Response: There are no playgrounds on this project.

BID FORMS

1. *Bid Proposal - Remove Bid Proposal in its entirety and Replace with attached Bid Proposal.*

CLARIFICATIONS

2. *For item 10 of the Bid Proposal, contractor shall bid the "Recycling" process laid out in TxDOT Specification 358.*
3. *For dune walk design, contractor shall consider dune to provide no structural support to piers during design and consider the toe of the dune as the design datum.*
4. *For item 12 of the Bid Proposal, contractor is not responsible to include glass beads in paint striping.*
5. *Attached "ADA STRIPING DETAIL" is to be used for clarification of bid item 12.*
6. *Attached "GENERAL FENCING" details are to be added in conjunction with the existing "TYPICAL TRASH ENCLOSURE" on sheet 11 of the plan set and bid item 14.*

7. *For item 14 of the Bid Proposal contractor can disregard note 2 on "TYPICAL TRASH ENCLOSURE" on sheet 11 of the plan set. Contractor will not be required to match color of chain link fabric to all posts, rails, bars, privacy inserts, caps, and misc. hardware.*
8. *Attached "RECYCLED PLASTIC RECEPTACLE" detail is to be used for clarification of bid item 16.*
9. *Attached "PRECAST CONCRETE WHEEL STOP" detail is to be used for clarification of bid item 17.*
10. *Attached "ACCESSIBLE SIGN DETAIL" is to be used for clarification of bid item 18.*

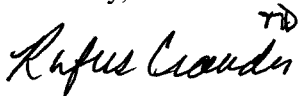
As a reminder, all questions regarding this proposal must be submitted in writing to:

Rufus G. Crowder, CPPO CPPB
Galveston County Purchasing Agent
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
E-mail: purchasing.bids@co.galveston.tx.us

If you have any further questions regarding this proposal, please address them to Rufus Crowder, CPPO CPPB, Purchasing Agent, via e-mail at purchasing.bids@co.galveston.tx.us, or contact the Purchasing Department at (409) 770-5371.

Please excuse us for any inconvenience that this may have caused.

Sincerely,

A handwritten signature in cursive script that reads "Rufus Crowder". There is a small mark above the "d" in "Crowder".

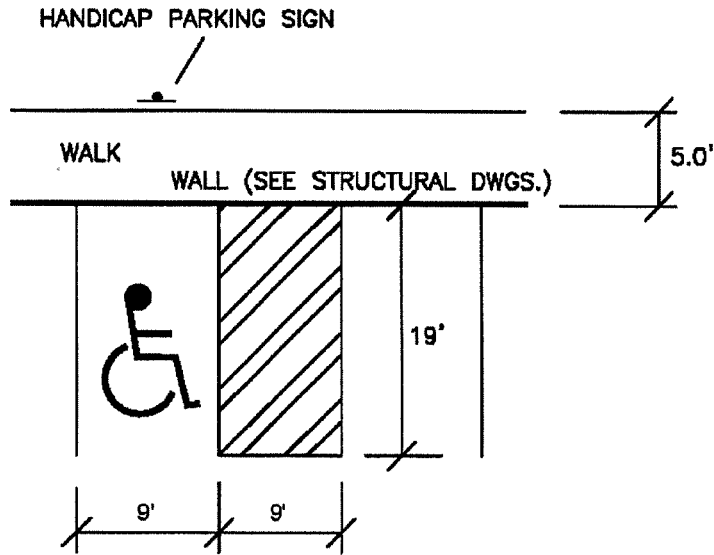
Rufus G. Crowder, CPPO CPPB
Purchasing Agent
Galveston County

BID PROPOSAL

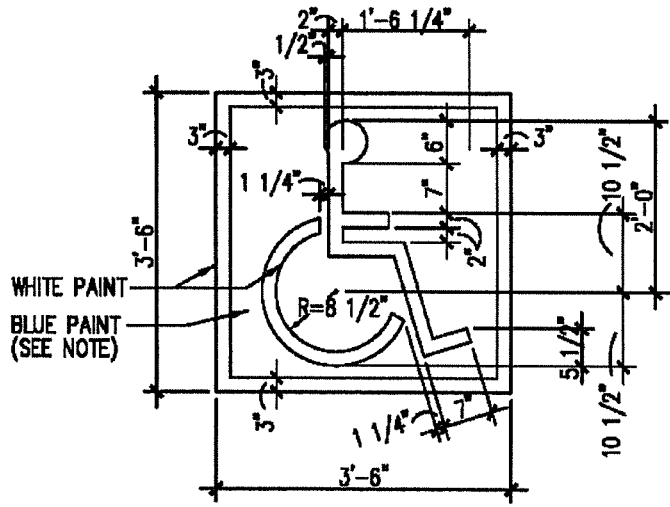
Item No.	TxDOT 2014	Item Description ⁽¹⁾	Unit	Unit Quantity	Unit Price ⁽²⁾	Total
GENERAL						
1.	500	Mobilization including all permit fees.	LS	1	\$ _____	\$ _____
2.	734 735	General Cleanup and Litter Removal	LS	1	\$ _____	\$ _____
3.		TDLR – ADA Post Construction Inspection	EA	1	\$ _____	\$ _____
4.		Traffic Control	LS	1	\$ _____	\$ _____
EARTH WORK						
5.	110	Back Dune Excavation	CY	1,179	\$ _____	\$ _____
6.	132	Fore Dune Embankment	CY	1,179	\$ _____	\$ _____
7.	GLO Manual/ Timeline	Vegetation Mitigation- Establish Native Vegetation in area shown.	SY	2,333	\$ _____	\$ _____
8.		Filter Fabric Fence	LF	1,430	\$ _____	\$ _____

BID PROPOSAL

PAVEMENT						
Item No.	TxDOT 2014	Item Description⁽⁴⁾	Unit	Unit Quantity	Unit Price⁽¹⁾	Total
9.	351	Asphalt Pavement Repair	SY	1,703	\$ _____	\$ _____
10.	358	Asphalt Concrete Surface Rehabilitation	SY	4,147	\$ _____	\$ _____
11.	340	Hot Mix Asphalt Surface Course	SY	4,147	\$ _____	\$ _____
12.	662	Parking Lot Striping including Handicap markings and signs	LS	1	\$ _____	\$ _____
STRUCTURES						
13.	490 491 492	Dune Walk Over Structure, Complete in place	LS	1	\$ _____	\$ _____
14.	550	Dumpster Enclosure	EA	1	\$ _____	\$ _____
15.	441 445	Structural Steel Gate	EA	2	\$ _____	\$ _____
16.		50 Gallon Trash Can	EA	6	\$ _____	\$ _____
17.		Precast Concrete Wheel Stop	EA	20	\$ _____	\$ _____
18.		Accessible Sign	EA	4	\$ _____	\$ _____
		TOTAL BASE BID			\$ _____	

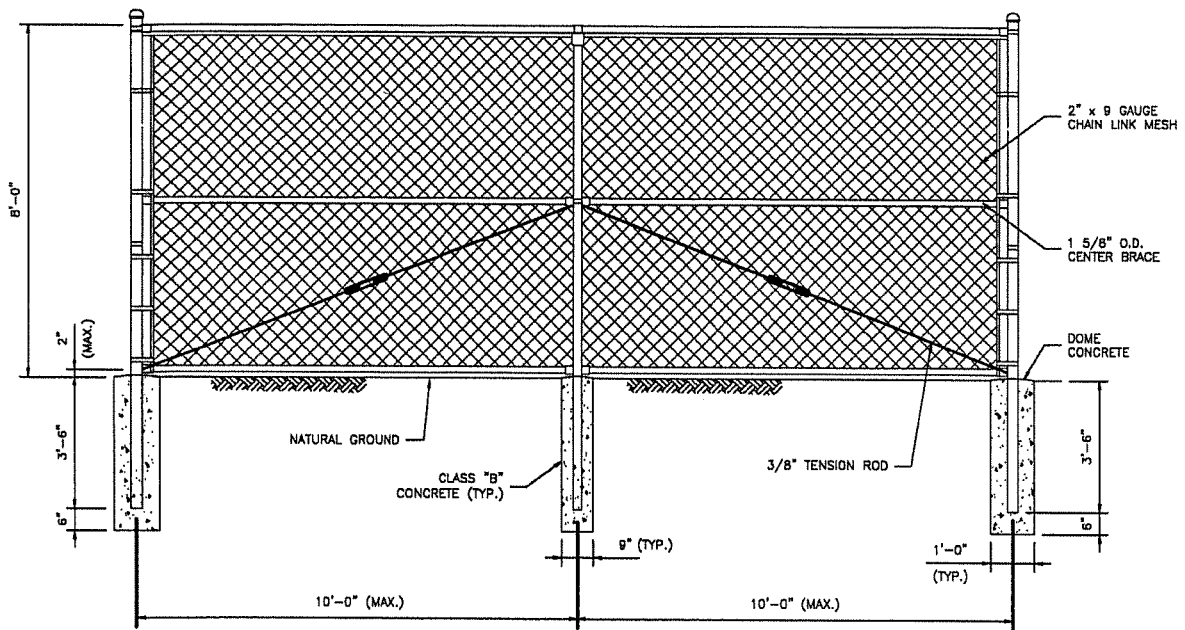


TYPICAL HANDICAP PARKING DETAIL
N.T.S.

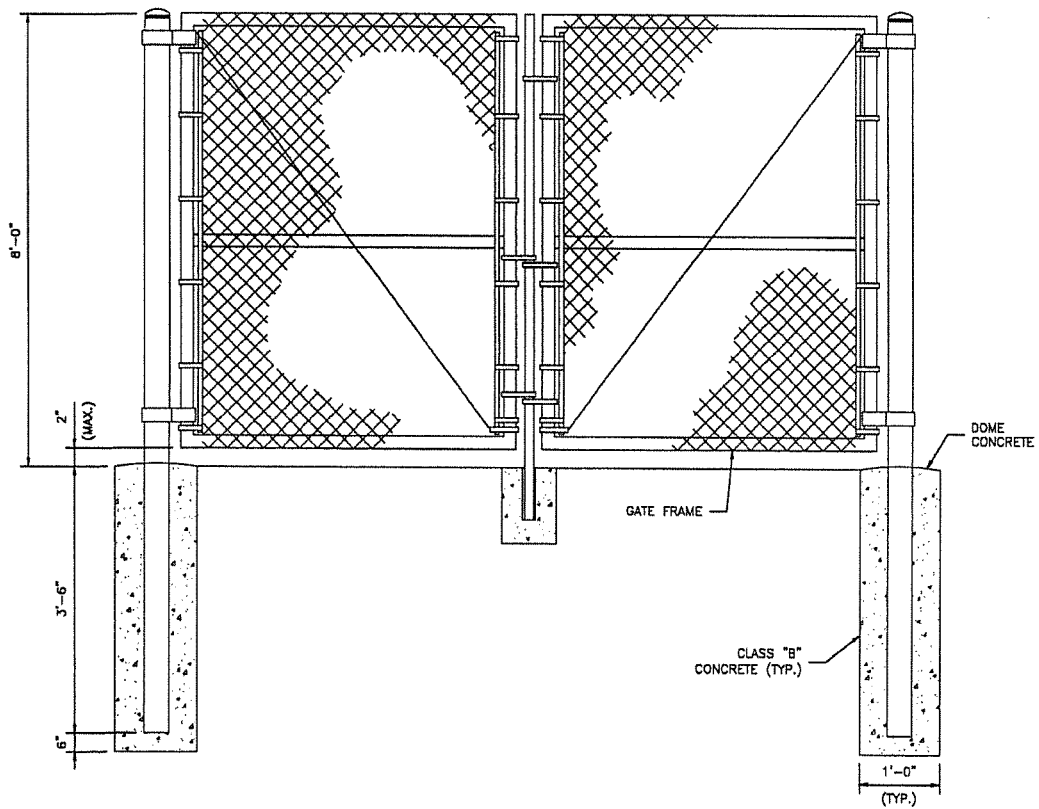


NOTE:
SYMBOL TO BE CENTERED ON WIDTH OF PARKING
STALL - SYMBOLS ARE REQ'D TO CONTRAST W/
BACKGROUND WHITE ON BLUE (COLOR NO. 105090
IN FEDERAL STD. 5952) DOUBLE COAT (TYP.)

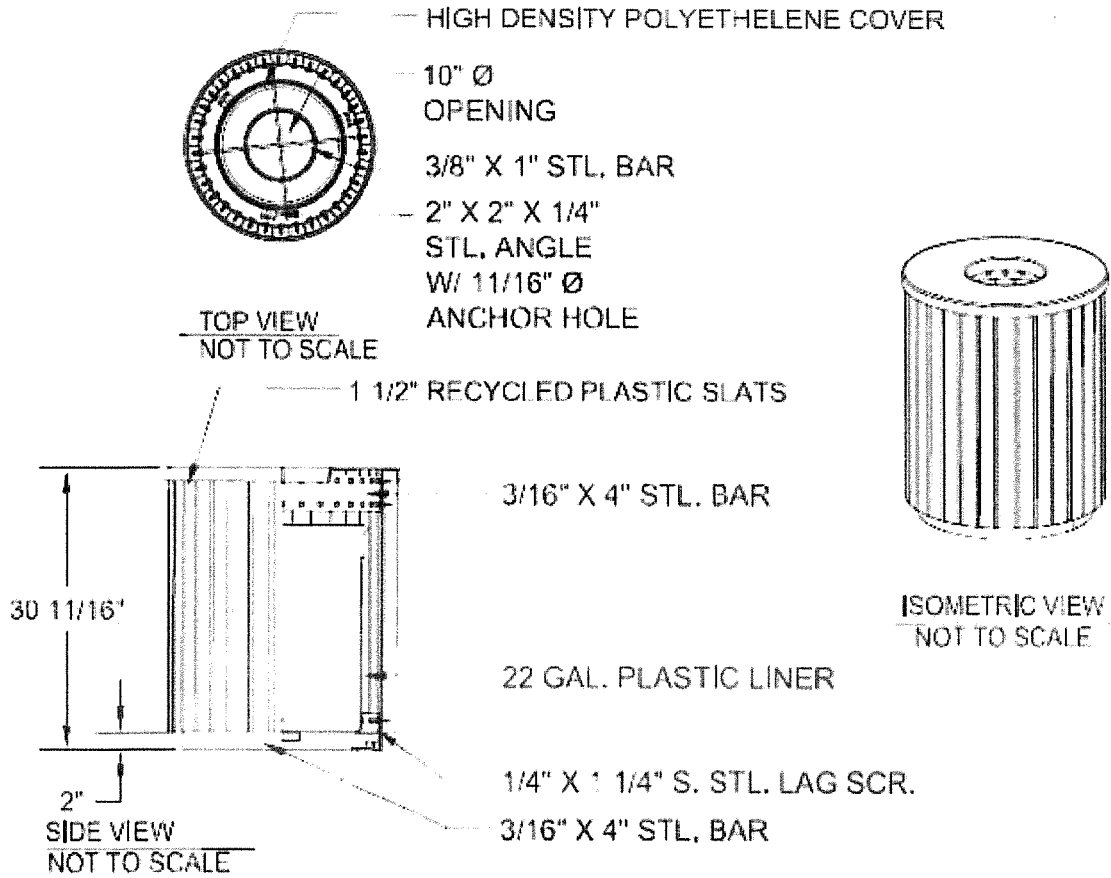
ADA STRIPING DETAIL



GENERAL FENCING ELEVATION WITH CORNER POST



GENERAL FENCING GATE ELEVATION

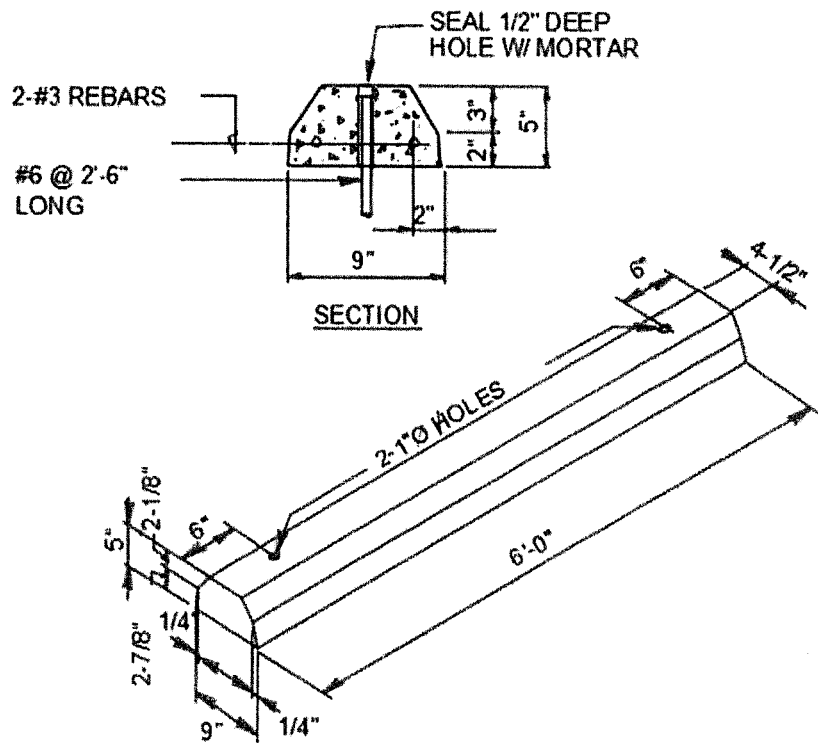


NOTES

1. INSTALLATION SHALL BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS..
2. 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED
3. ALL STL. MEMBERS SHALL BE HOT DIPPED GALV.

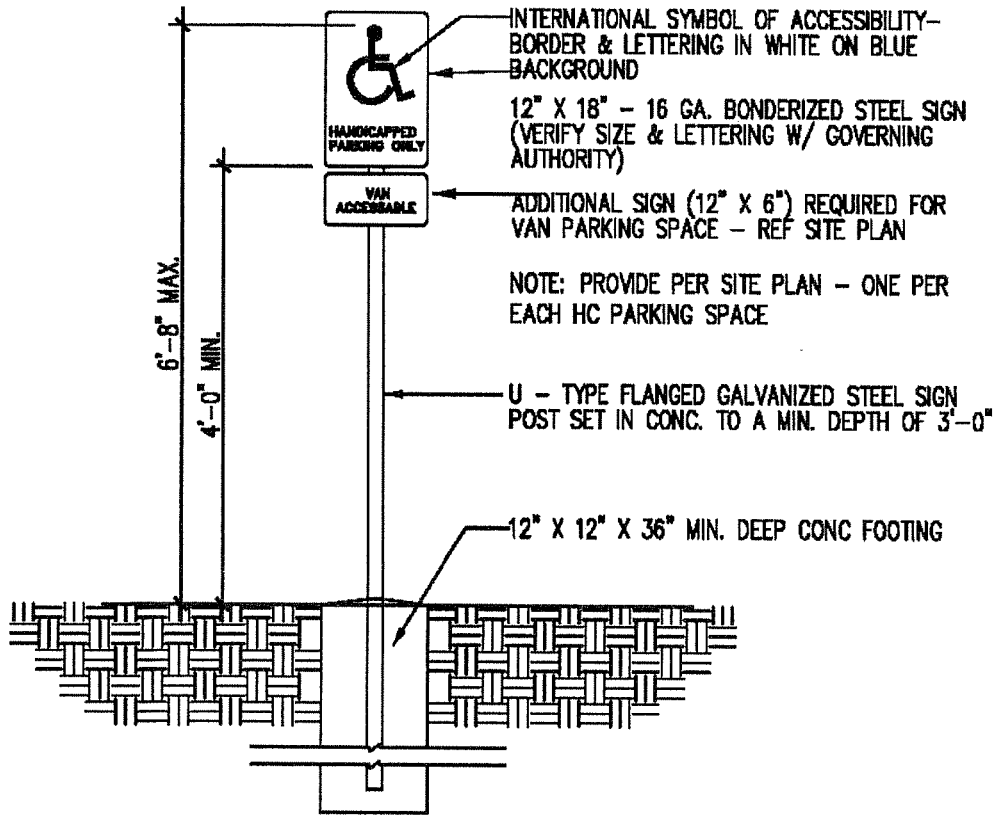
5

RECYCLED PLASTIC RECEPTACLE
 NOT TO SCALE



PRECAST CONCRETE WHEEL STOP

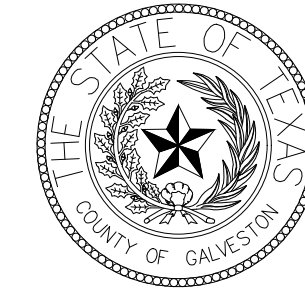
NOTE:
CONTRACTOR TO VERIFY
ALL STATE APPROVED OR
ADDITIONAL REQUIREMENTS
FOR ACCESSIBLE SIGNAGE.



ACCESSIBLE SIGN DETAIL

GALVESTON COUNTY
GALVESTON COUNTY ENGINEERING DEPARTMENT

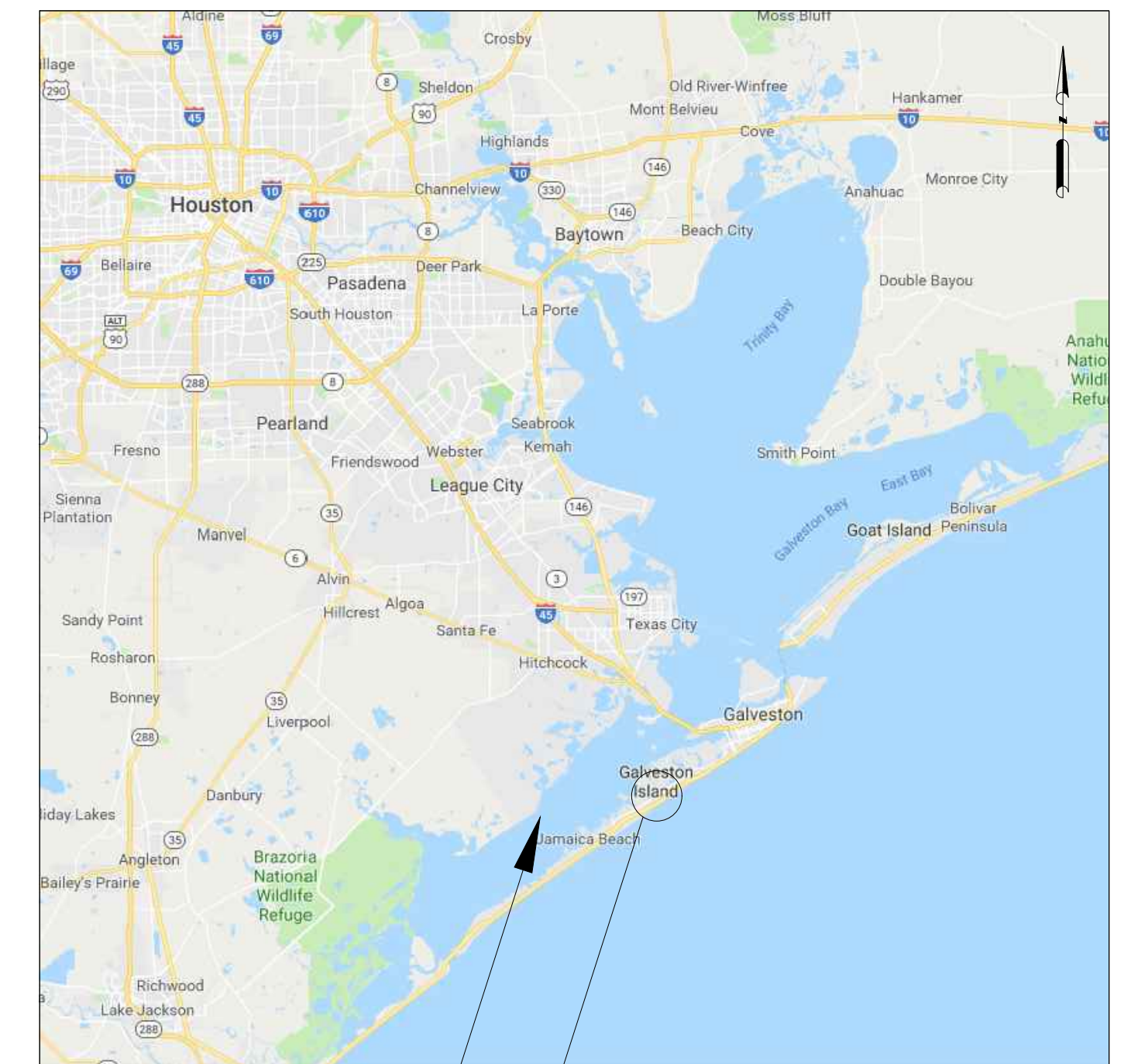
PLANS OF PROPOSED
COUNTY IMPROVEMENTS



GALVESTON COUNTY BEACH POCKET PARK No.2
TDLR PROJECT NO. TABS 2020002608

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	BOUNDARY AND TOPOGRAPHIC SURVEY
3	DUNE PROTECTION MITIGATION AND GRADING PLAN
4	SITE PLAN
5	SITE IMPROVEMENTS PLAN
6	PROPOSED GRADING PLAN
7	DUNE WALKOVER PLAN
8	DUNE WALKOVER ELEVATIONS
9	DUNE WALKOVER ELEVATIONS
10	DUNE WALKOVER DETAILS
11	MISCELLANEOUS DETAILS
12	TRAFFIC CONTROL PLAN
13	STORM WATER POLLUTION PREVENTION PLAN
14	SWPPP DETAILS



PROJECT LOCATION

VICINITY MAP
(NTS)
KEY MAP #806V

I. General Information--Beach Pocket Park No. 2

A. Street Address:

- Termini - 11745 San Luis Pass Road FM 3005

II. Applicable City Codes, which apply to all projects, are listed as following, in no specific order:

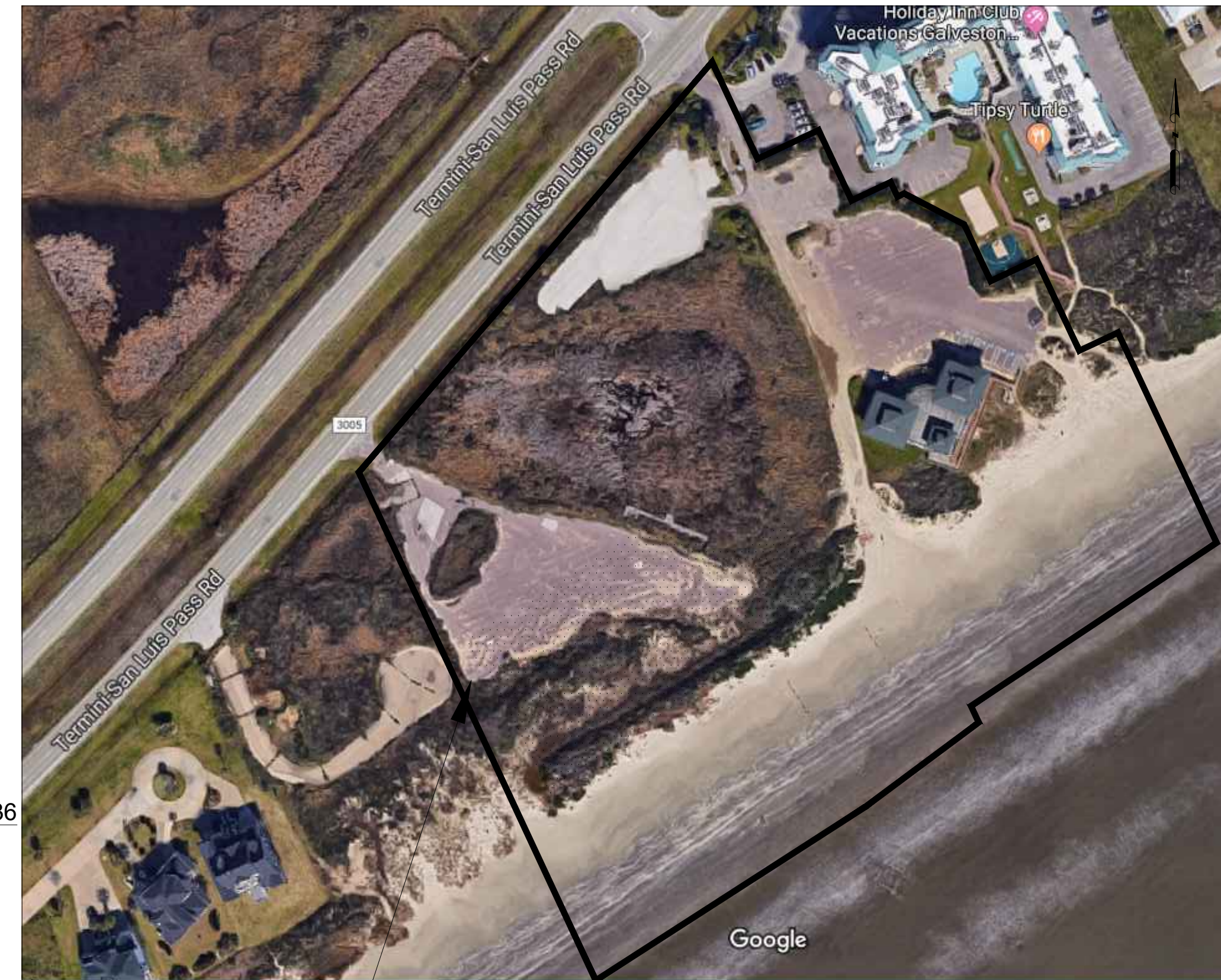
- Code of the City of Galveston*
- 2009 International building code, with local amendments (Chapter 10 of City Code) including Appendix M.
- 2009 International Energy Code (Chapter 10 of City Code)
- 2009 International Fire Code
- National Electrical Code 2011
- Subdivision Regulations
- Flood Ordinance No. 02-085
- Zoning Standards, 1991 amended version*
- Design Standards for Historic Properties in Galveston*

Please visit the City of Galveston website for additional information at www.cityofgalveston.org.

*Denotes codes available on City of Galveston website.

II. Building Code Requirements

- A. Applicable Codes: City of Galveston: 2009 IBC, 2009 IFC, 2009 IPC, 2009 IECC, 2009 IMC, 2009 IFMC, 2009 IFCG, 2011 NEC as amended by Galveston city Ordinances accessibility: 2012 Texas Accessibility Standards (TAS) Fair Housing Act and TCPIA for Texas State Board of Insurance Windstorm Requirements.
- B. Description: Wood deck pedestrian sand dune walk-over boardwalk.
- C. Use Groups: U
- D. Construction Type: V-8
- E. Occupancy Load: (15 s.f. of floor area per occupant - unconcentrated assembly) 2,036 (deck) / 15 s.f. = 135.7 = 136
- F. Egress balconies are not required to be separated with fire rated construction, where served by at least two stairs.



PROJECT LIMIT

LOCATION MAP
(NTS)

GALVESTON COUNTY OFFICIALS

MARK HENRY
DARRELL APFFEL
JOE GIUSTI
STEPHEN HOLMES
KENNETH CLARK
MICHAEL SHANNON, PE

COUNTY JUDGE
COMMISSIONER PRECINCT NO. 1
COMMISSIONER PRECINCT NO. 2
COMMISSIONER PRECINCT NO. 3
COMMISSIONER PRECINCT NO. 4
COUNTY ENGINEER

100% SUBMITTAL

APPROVED BY:

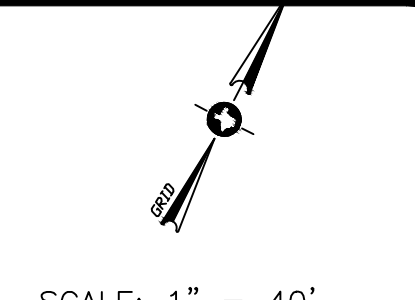
MICHAEL SHANNON, PE
COUNTY ENGINEER

DATE _____



SYMBOLS	
	Bollards
	Fire Hydrant
	Guy Anchor
	Light Pole
	Manhole
	Overhead Utilities
	Power Pole
	Telephone Marker
	Water Valve

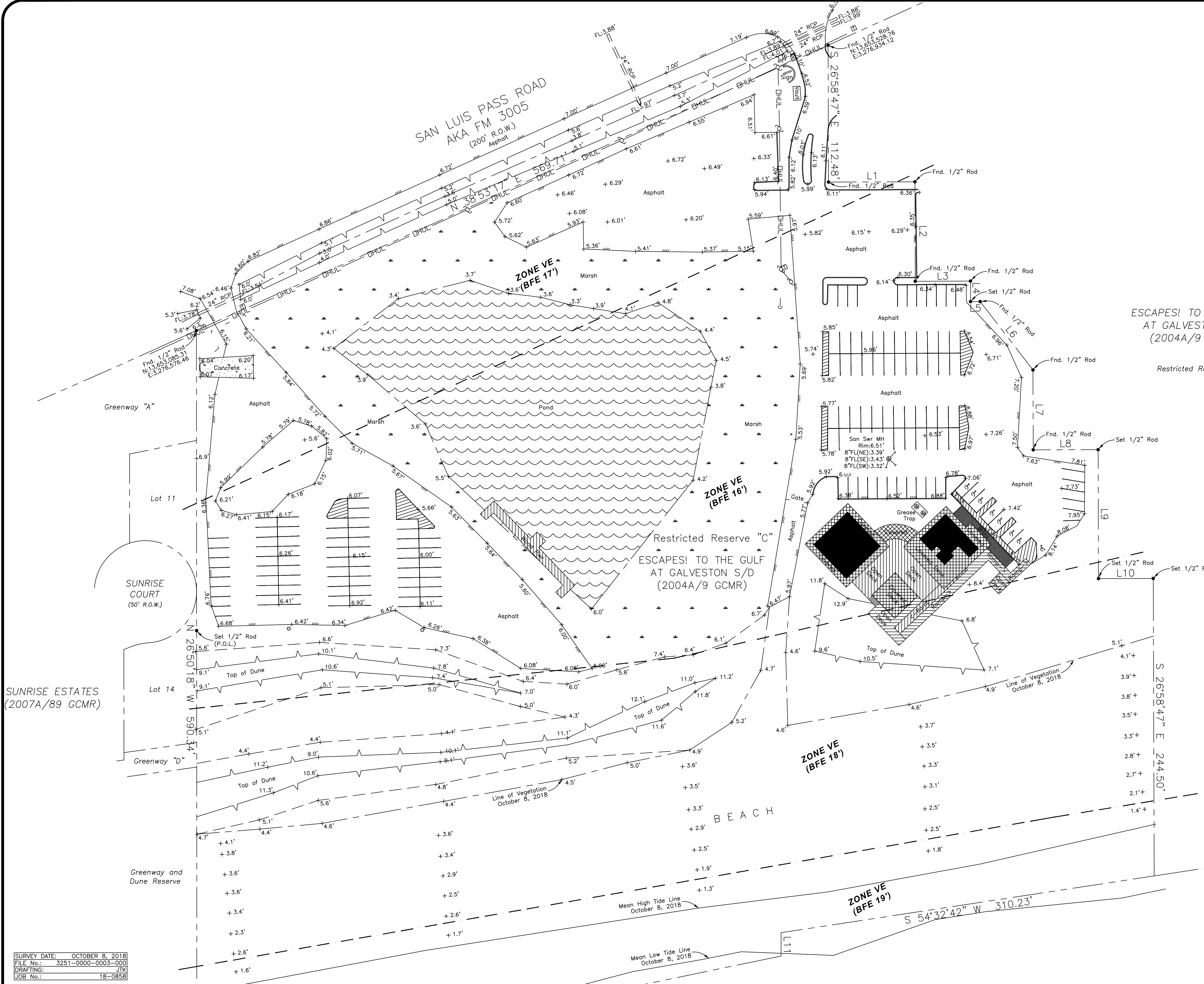
VEGETATION MITIGATION AREA
37,361 SF



SCALE: 1" = 40'

LINE	BEARING	DISTANCE
L1	N 63°01'13" E	71.05'
L2	S 26°58'47" E	181.78'
L3	N 63°01'13" E	45.41'
L4	S 26°58'47" E	16.87'
L5	N 63°01'13" E	17.89'
L6	S 64°29'12" E	170.99'
L7	S 26°58'47" E	65.70'
L8	N 63°01'13" E	53.32'
L9	S 26°58'47" E	106.02'
L10	N 63°01'13" E	45.00'
L11	S 26°50'18" E	119.17'

- NOTES:
- 1) This property does lie within the 100 Year Flood Plain according to FRM Panel 485469046E revised December 6, 2002, as established by the Federal Emergency Management Agency.
 - 2) This property is subject to any restrictions of record and may be subject to setbacks from power lines as established by OSHA (call your power company).
 - 3) Bearings and Distances shown are based on the Texas State Coordinate System of 1983, South Central Zone, and are referenced to N.G.S. Monument HGCS0 62 (AW5708). All units are expressed in U.S. Survey feet.
 - 4) Elevations are shown in feet above Mean Sea Level NAVD '88 Datum as tied to NGS Monument HGCS0 62.
 - 5) Surveyed without benefit of a Title Report.



ESCAPES! TO THE GULF
AT GALVESTON S/D
(2004A/9 GCMR)
Restricted Reserve "B"

ESCAPES! TO THE GULF
AT GALVESTON S/D
(2004A/9 GCMR)
Restricted Reserve "C"

Topographic survey of Restricted Reserve "C", of ESCAPE! TO THE GULF AT GALVESTON, a subdivision in Galveston County, Texas, according to the map or plat thereof recorded in Volume 2004A, Page 9, of the Map Records in the Office of the County Clerk of Galveston County, Texas. This survey substantially complies with current Texas Society of Professional Surveyors Standards and Specifications for a Category 6, Condition II Survey.

I hereby certify that on the below date, the herein described property, together with improvements located thereon, was surveyed on the ground and under my direction, and that this map, together with dimensions as shown hereon, accurately represents the facts as found on the ground this date.

Stephen C. Blaskey
Registered Professional
Land Surveyor No. 5856



8017 HARBORSIDE DRIVE
P.O. BOX 16142 (mailing)
GALVESTON, TX 77552
ph (409) 740-1517
Registration Number: 10193855
www.hightidelandsurveying.com

SURVEY DATE:	OCTOBER 8, 2018
FILE No.:	3251-0000-0003-000
DRAFTING:	JTK
JOB No.:	18-0858

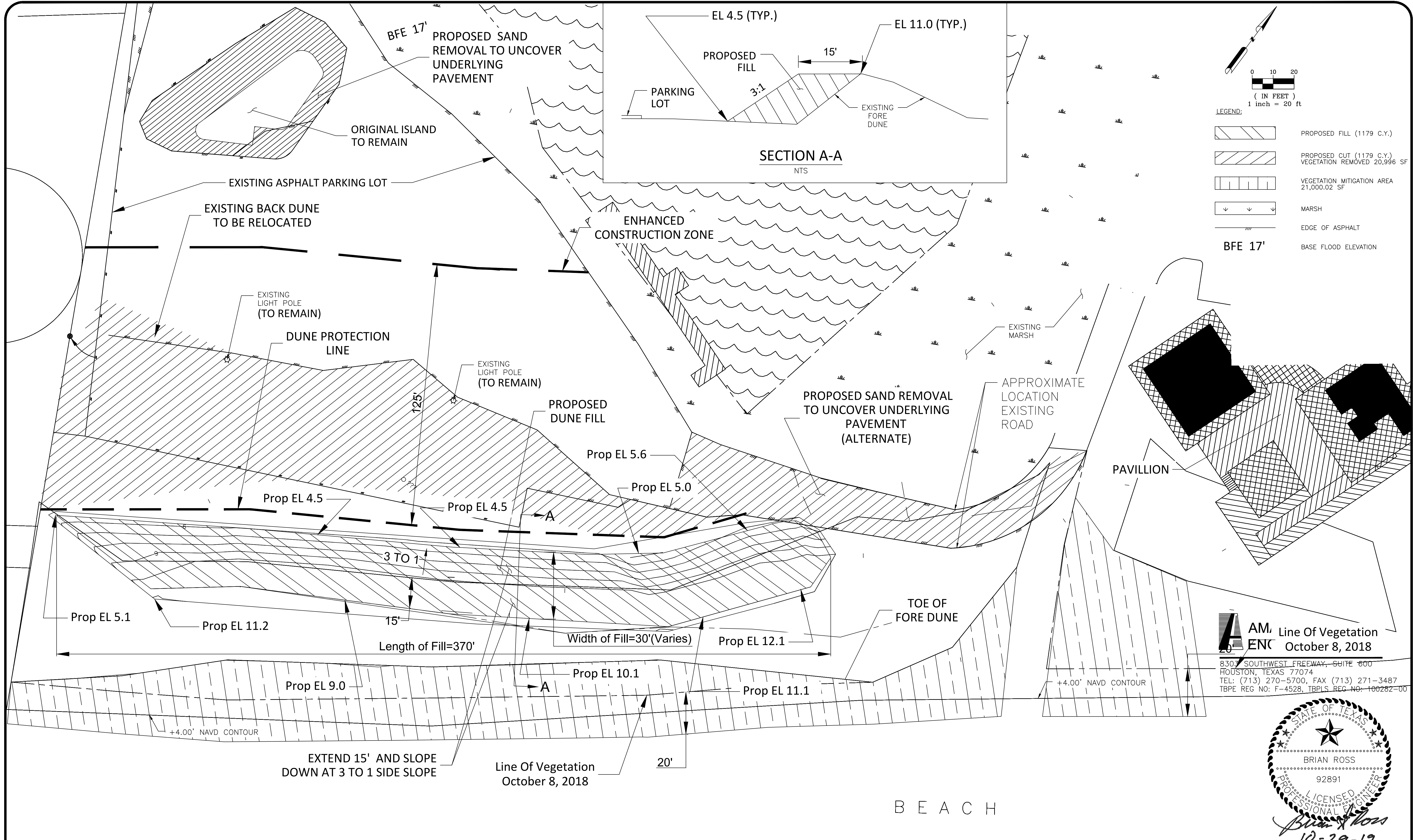
NO.	REVISION	BY	DATE	DRAWN BY:


GALVESTON COUNTY
ENGINEERING DEPARTMENT

BEACH POCKET PARK No. 2
BOUNDARY & TOPOGRAPHIC SURVEY

SHEET 2

OF 14




AM ENC Line Of Vegetation
 October 8, 2018
 8307 SOUTHWEST FREEWAY, SUITE 600
 HOUSTON, TEXAS 77074
 TEL: (713) 270-5700, FAX (713) 271-3487
 TBPE REG NO: F-4528, TBPLS REG NO: 100282-00



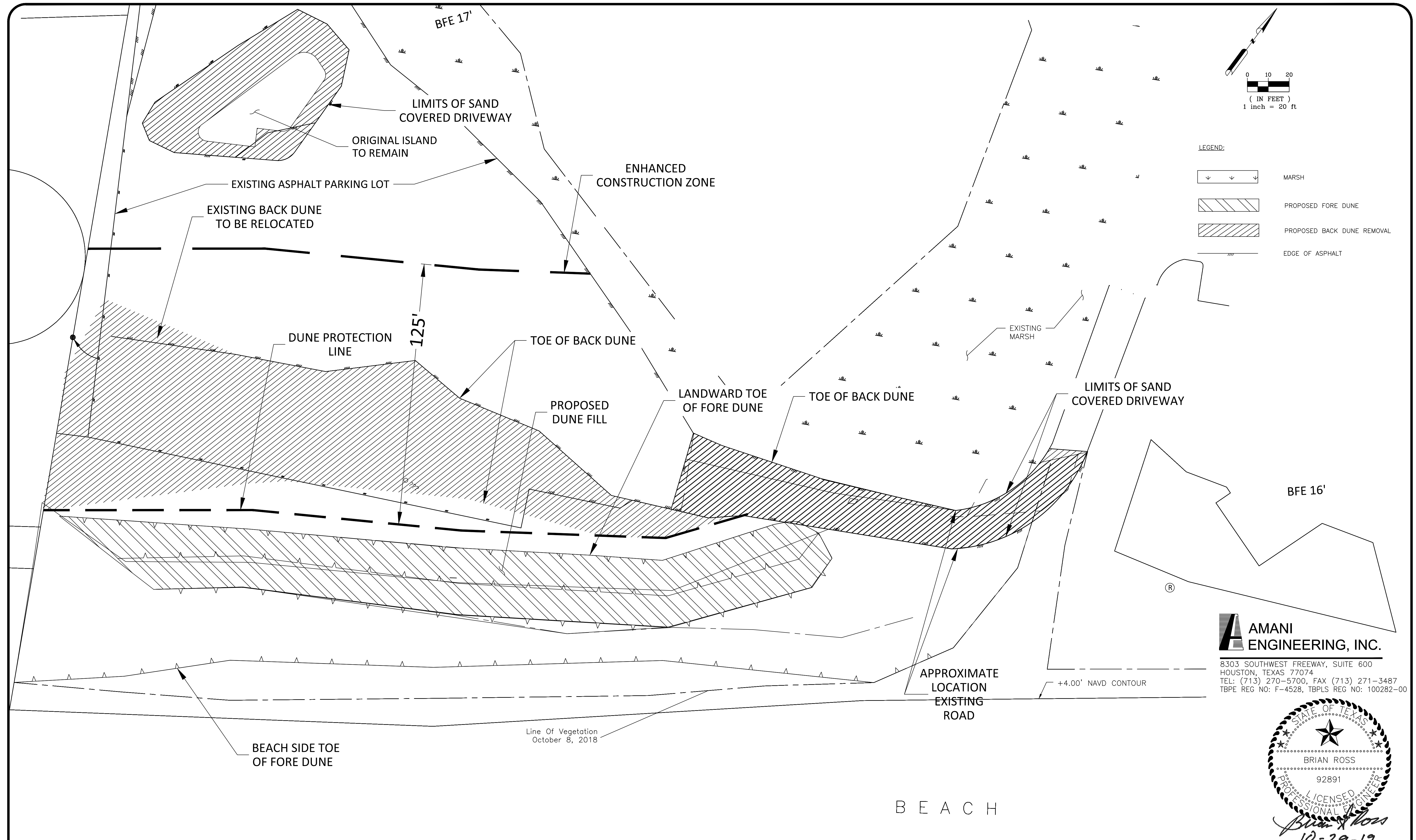
NO.	REVISION	BY	DATE

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 DESIGNED BY: _____
 CHECKED BY: _____
 APPROVED BY: _____
 SCALE: _____
 DATE: _____

GALVESTON COUNTY
 ENGINEERING DEPARTMENT

BEACH POCKET PARK No. 2
 DUNE PROTECTION MITIGATION AND GRADING
 PLAN

SHEET 3
 OF 14



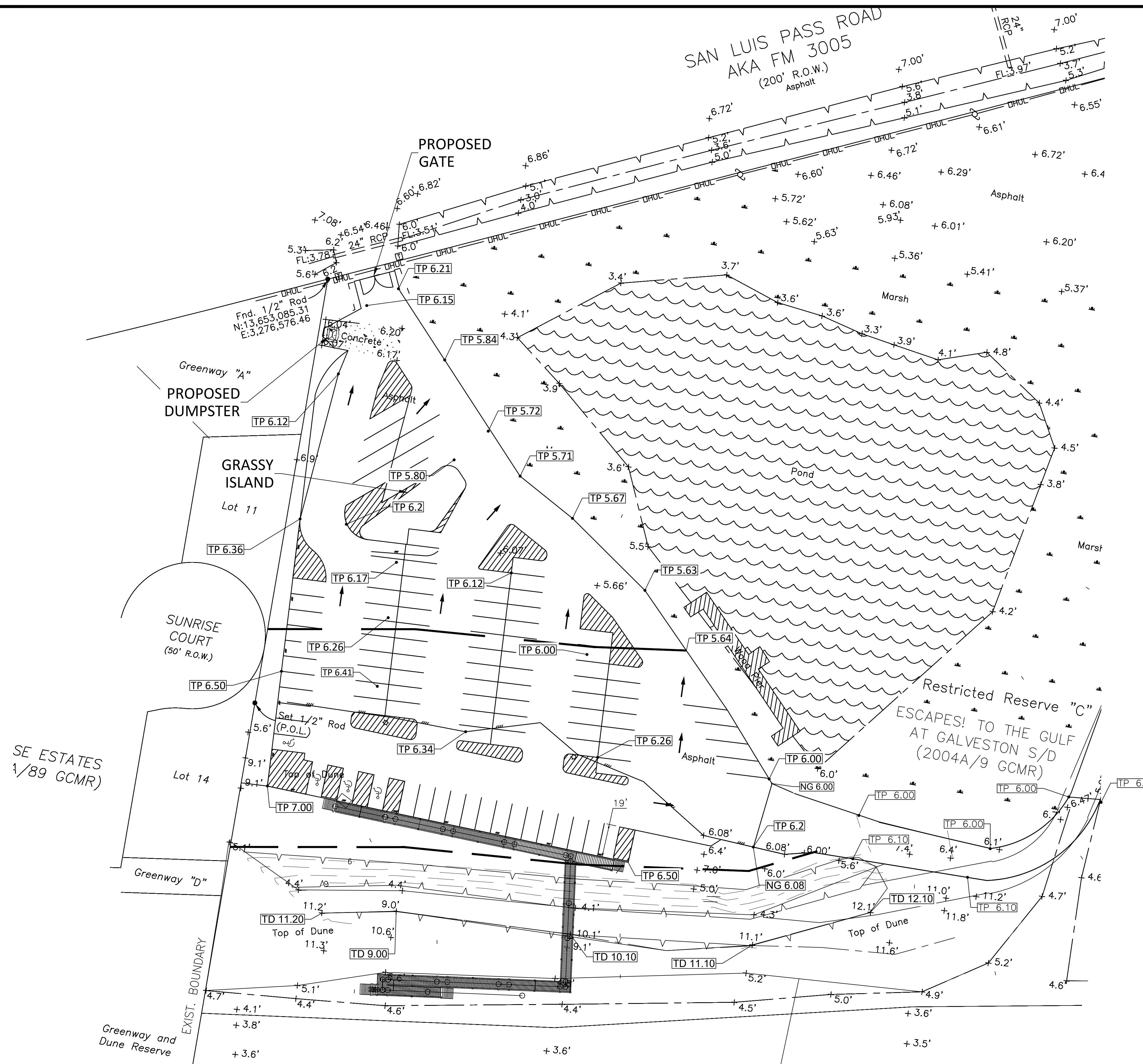
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GALVESTON COUNTY
 ENGINEERING DEPARTMENT

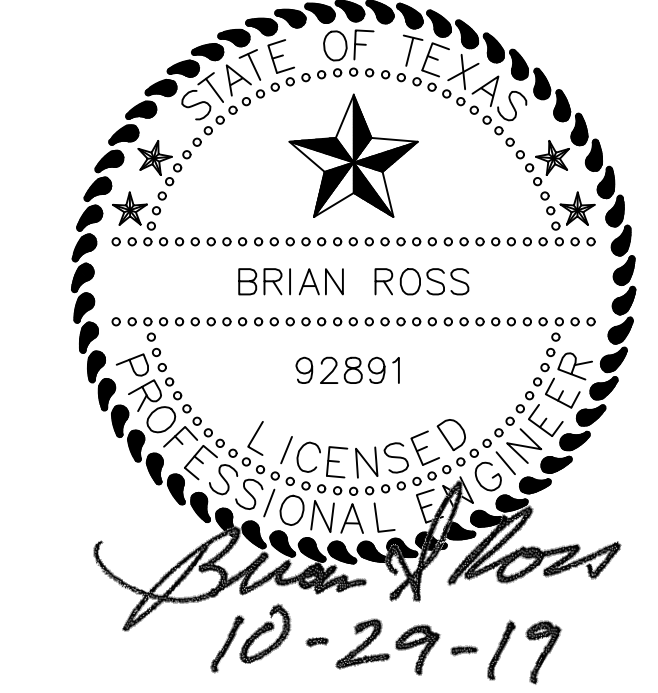
BEACH POCKET PARK No. 2
 SITE PLAN

SHEET 4
 OF 14



- GRADING LEGEND**
- TP XX.XX PROP TOP OF PAVEMENT
 - TD XX.XX PROP TOP OF DUNE
 - NG XX.X NATURAL GROUND
 - ← FLOW DIRECTION
 - ▨ PROPOSED FILL (SEE SHEET NO. 3 DUNE PROTECTION PLAN)

AMANI ENGINEERING, INC.
 8303 SOUTHWEST FREEWAY, SUITE 600
 HOUSTON, TEXAS 77074
 TEL: (713) 270-5700, FAX (713) 271-3487
 TBPE REG NO: F-4528, TBPLS REG NO: 100282-00

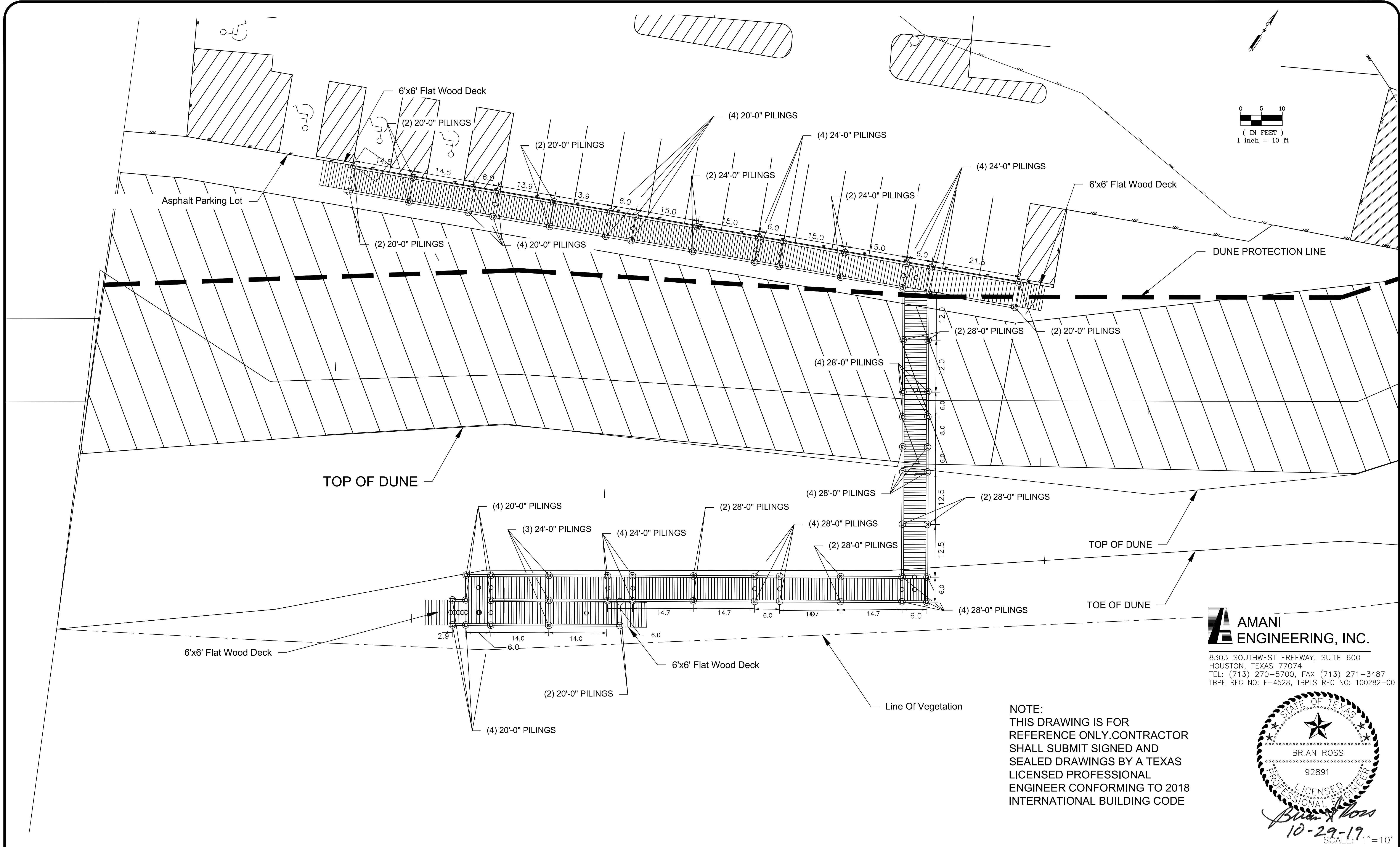


NO.	REVISION	BY	DATE	DRAWN BY:
				DESIGNED BY: _____
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				APPROVED BY: _____
				SCALE: _____
				DATE: _____

GALVESTON COUNTY
 ENGINEERING DEPARTMENT

BEACH POCKET PARK No. 2
 PROPOSED GRADING PLAN

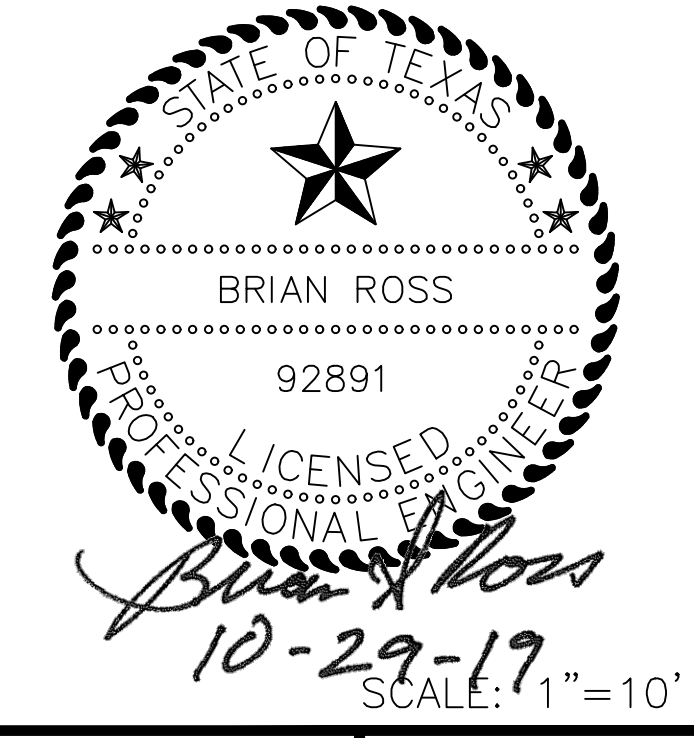
SHEET 6
 OF 14



0 5 10
 (IN FEET)
 1 inch = 10 ft

AMANI ENGINEERING, INC.
 8303 SOUTHWEST FREEWAY, SUITE 600
 HOUSTON, TEXAS 77074
 TEL: (713) 270-5700, FAX (713) 271-3487
 TBPE REG NO: F-4528, TBPLS REG NO: 100282-00

NOTE:
 THIS DRAWING IS FOR
 REFERENCE ONLY. CONTRACTOR
 SHALL SUBMIT SIGNED AND
 SEALED DRAWINGS BY A TEXAS
 LICENSED PROFESSIONAL
 ENGINEER CONFORMING TO 2018
 INTERNATIONAL BUILDING CODE



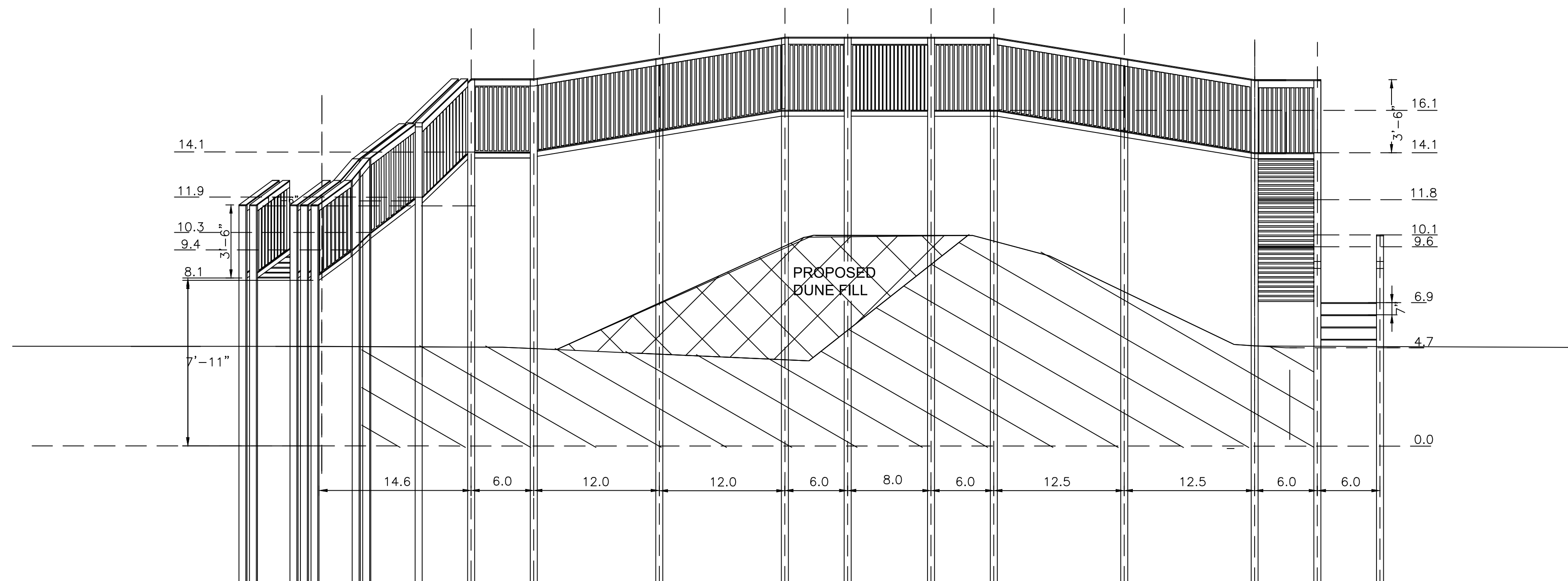
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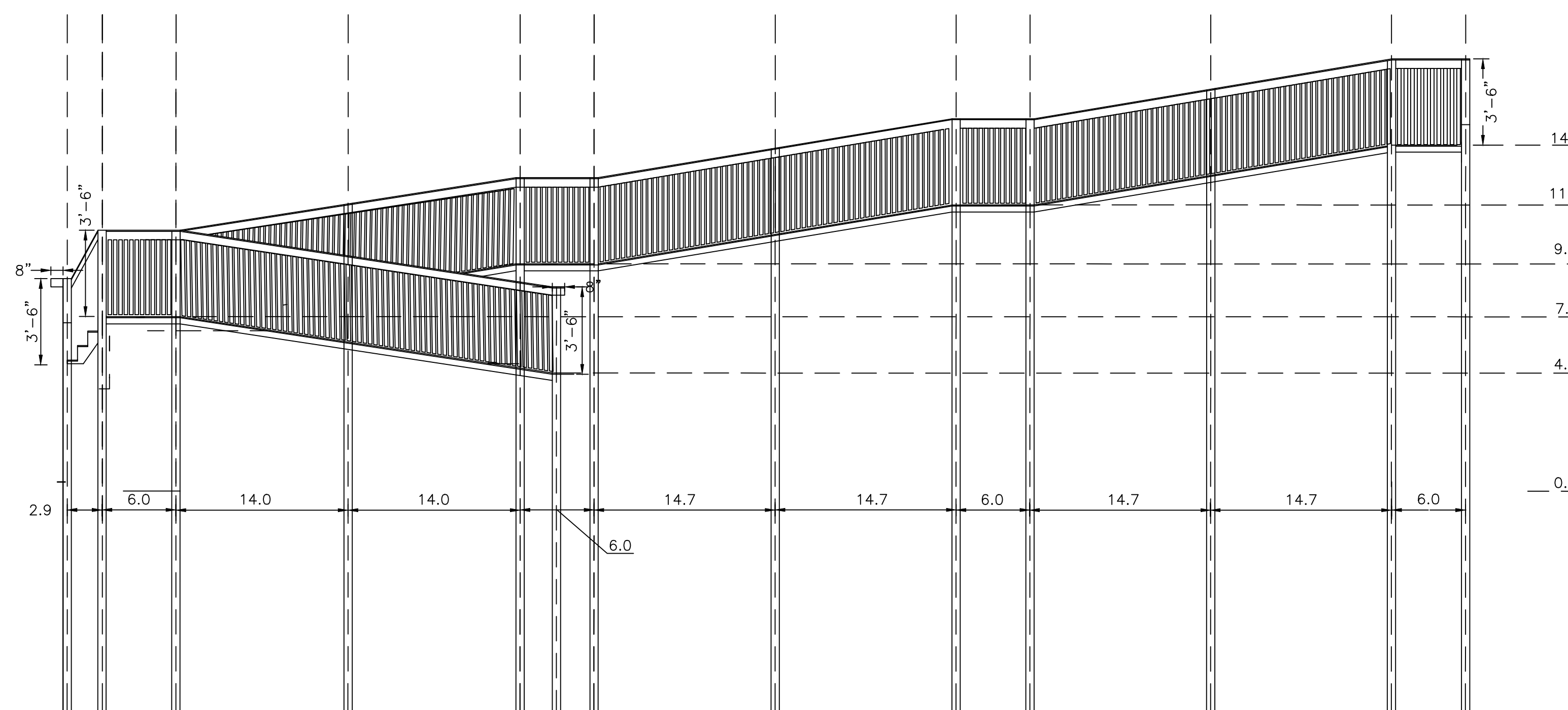
GALVESTON COUNTY
 ENGINEERING DEPARTMENT

BEACH POCKET PARK No. 2
DUNE WALKOVER PLAN

SHEET 7
 OF 14



02 DUNE WALK OVER ELEVATION (VIEW LOOKING NORTHEAST)



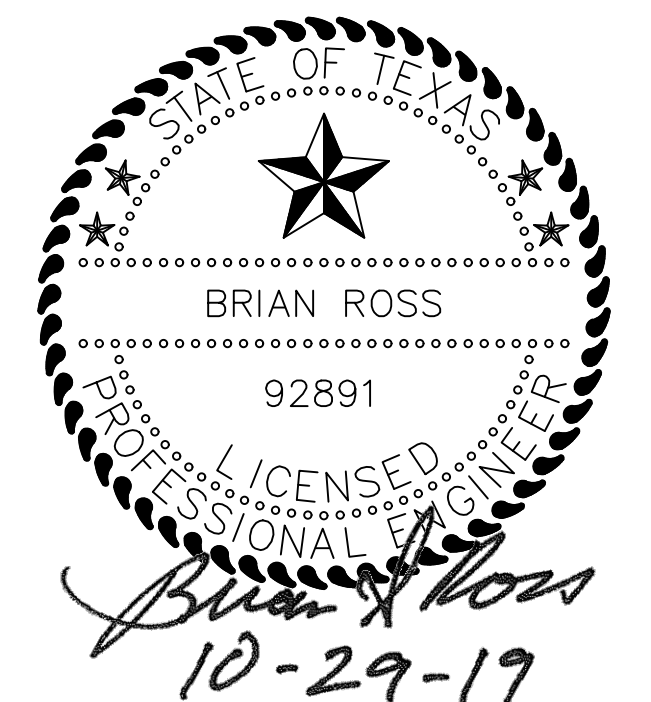
01 DUNE WALK OVER ELEVATION (VIEW LOOKING NORTHWEST)

NOTE:

1. CONSTRUCTION TO MEET ADA REQUIREMENTS
2. CONTRACTOR TO ENSURE ALL RAMP SLOPES ARE 1:12 MAX.(8.33%)
3. THIS DRAWING IS FOR REFERENCE ONLY. CONTRACTOR SHALL SUBMIT SIGNED AND SEALED DRAWINGS BY A TEXAS LICENSED PROFESSIONAL ENGINEER CONFORMING TO 2018 INTERNATIONAL BUILDING CODE

AMANI ENGINEERING, INC.

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 HOUSTON, TEXAS 77074
 TEL: (713) 270-5700, FAX (713) 271-3487
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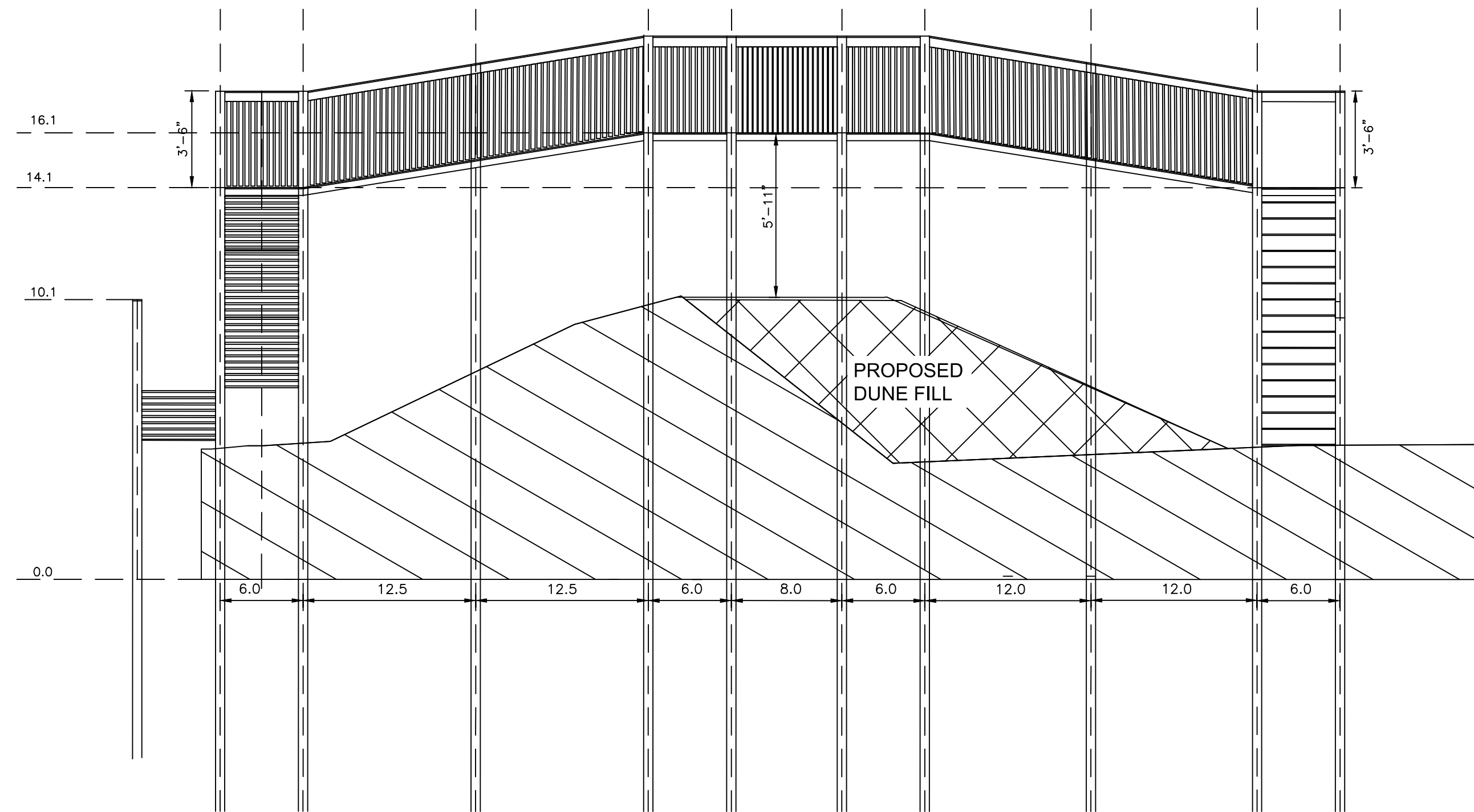
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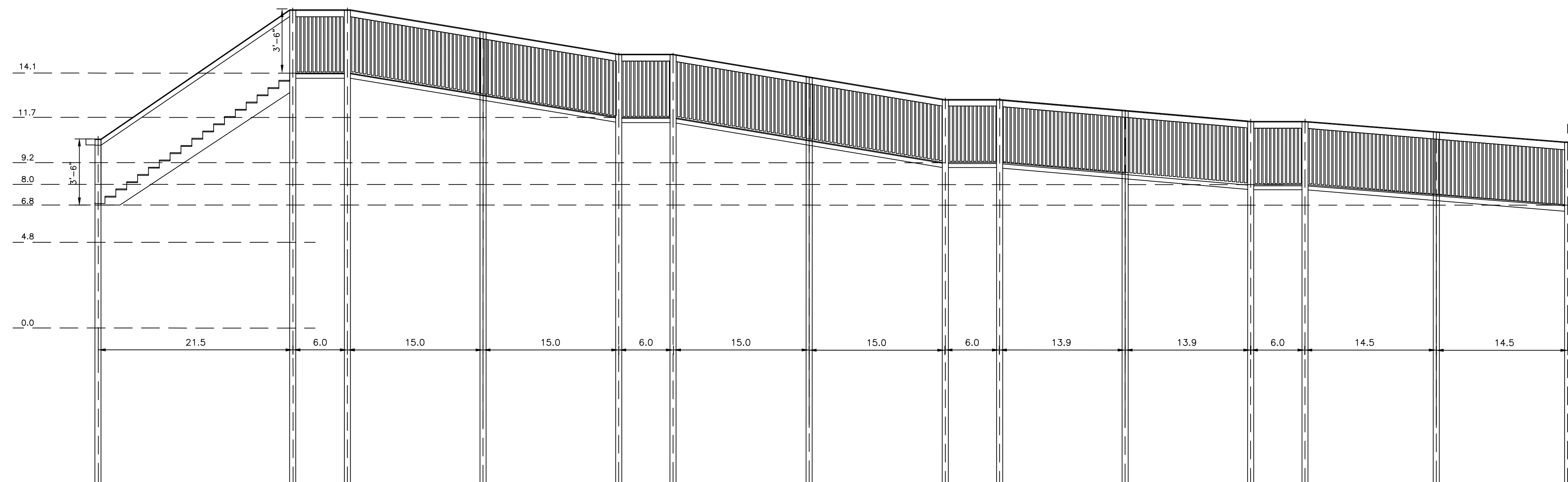
GALVESTON COUNTY
 ENGINEERING DEPARTMENT

BEACH POCKET PARK No. 2
 DUNE WALKOVER ELEVATIONS

SHEET 8
 OF 14



04 DUNE WALK OVER ELEVATION (VIEW LOOKING SOUTHWEST)



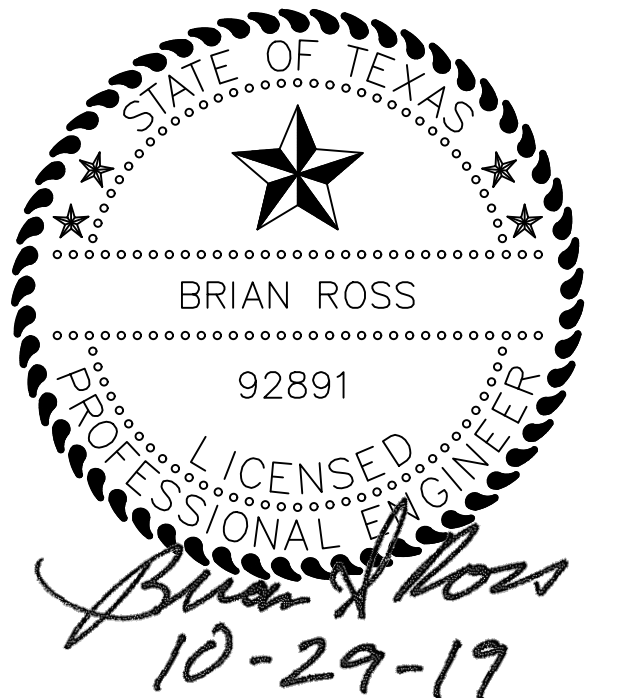
03 DUNE WALK OVER ELEVATION (VIEW LOOKING SOUTHEAST)

NOTE:

1. CONSTRUCTION TO MEET ADA REQUIREMENTS
2. CONTRACTOR TO ENSURE ALL RAMP SLOPES ARE 1:12 MAX.(8.33%)
3. THIS DRAWING IS FOR REFERENCE ONLY. CONTRACTOR SHALL SUBMIT SIGNED AND SEALED DRAWINGS BY A TEXAS LICENSED PROFESSIONAL ENGINEER CONFORMING TO 2018 INTERNATIONAL BUILDING CODE

AMANI ENGINEERING, INC.

8303 SOUTHWEST FREEWAY, SUITE 600
 HOUSTON, TEXAS 77074
 TEL: (713) 270-5700, FAX (713) 271-3487
 TBPE REG NO: F-4528, TBPLS REG NO: 100282-00



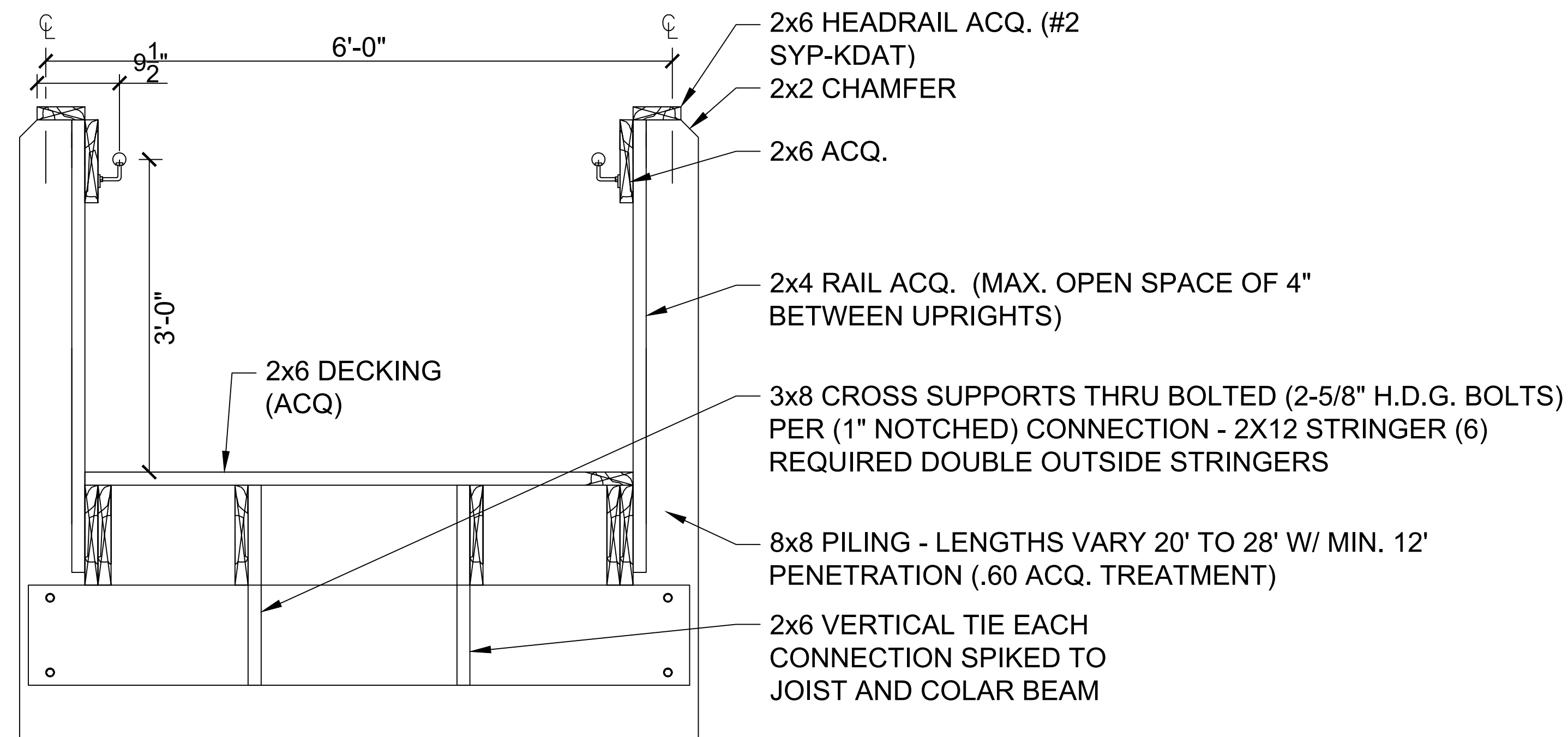
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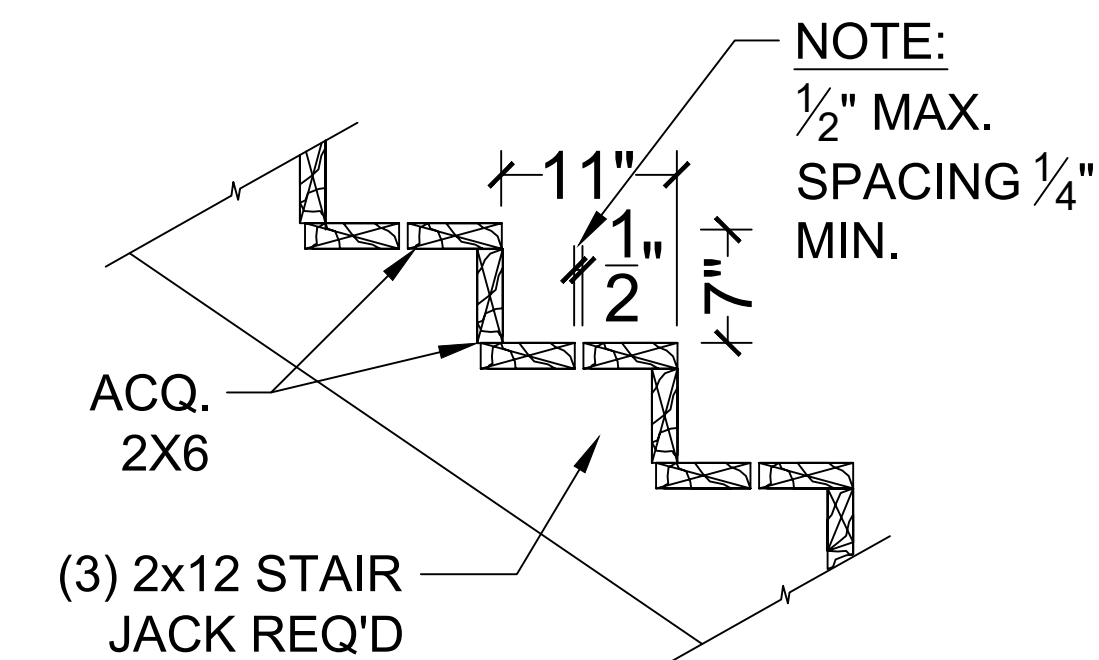
GALVESTON COUNTY
 ENGINEERING DEPARTMENT

BEACH POCKET PARK No. 2
 DUNE WALKOVER ELEVATIONS

SHEET 9
 OF 14



NOTE:
ACQ. - (ALKALINE COPPER QUATERNARY)



01 DUNE WALK OVER SECTION

SCALE: 3/8"=1'-0"

02 STAIR SECTION DETAIL

SCALE: 3/4"=1'-0"

GENERAL NOTES:

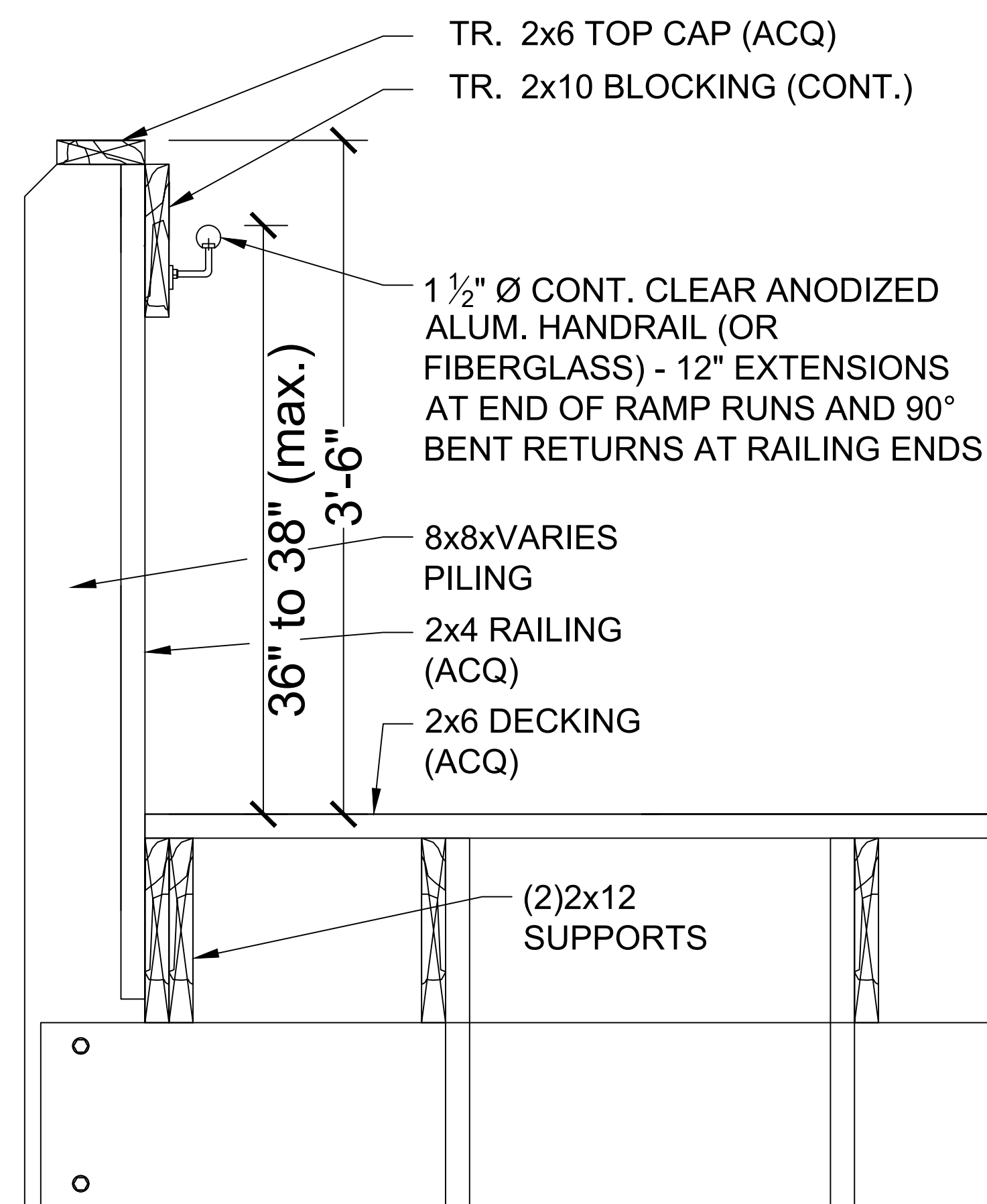
1. ALL WOOD EXPOSED TO THE WEATHER SHALL BE PRESSURE TREATED No. 2 OR BETTER SYP (KDAT).
2. ALL STEEL USED IN STRUCTURAL APPLICATIONS INCLUDING COLUMNS, BEAMS, BASE PLATES, BOLTS, NUTS AND WASHERS EXPOSED TO THE WEATHER SHALL BE MINIMUM H.D.G.
3. DECK LIVE LOAD = 100 psi.
4. GUARDRAILS AND HANDRAIL LIVE LOAD = 50 psi AND CONCENTRATED LOAD OF 200 psi.
5. DECK FRAME IS DESIGNED FOR A WIND LOAD OF 130 mph (3 sec gust) AND EXPOSURE C.
6. DECK SPACING TO BE 1/2" MAX.
7. ALL WORK TO CONFORM TO 2012 TEXAS ASSESSABILITY STANDARDS.
8. THIS DRAWING IS FOR REFERENCE ONLY. CONTRACTOR SHALL SUBMIT SIGNED AND SEALED DRAWINGS BY A TEXAS LICENSED PROFESSIONAL ENGINEER CONFORMING TO 2018 INTERNATIONAL BUILDING CODE

PILING INFORMATION:

- * 8x8x20'-0" - (26) REQUIRED
 - * 8x8x24'-0" - (19) REQUIRED
 - * 8x8x28'-0" - (24) REQUIRED
- 69 PILINGS REQUIRED (TOTAL)

PILING NOTES:

1. ALL PILINGS SHALL BE .60 CCA OR ACQ TREATED.
2. ALL PILINGS SHALL HAVE A MINIMUM OF 12' PENETRATION BELOW EXISTING GRADE.



03 RAIL AND DECK DETAIL

SCALE: 3/4"=1'-0"

AMANI ENGINEERING, INC.

8303 SOUTHWEST FREEWAY, SUITE 600
HOUSTON, TEXAS 77074
TEL: (713) 270-5700, FAX (713) 271-3487
TBPE REG NO: F-4528, TBPLS REG NO: 100282-00



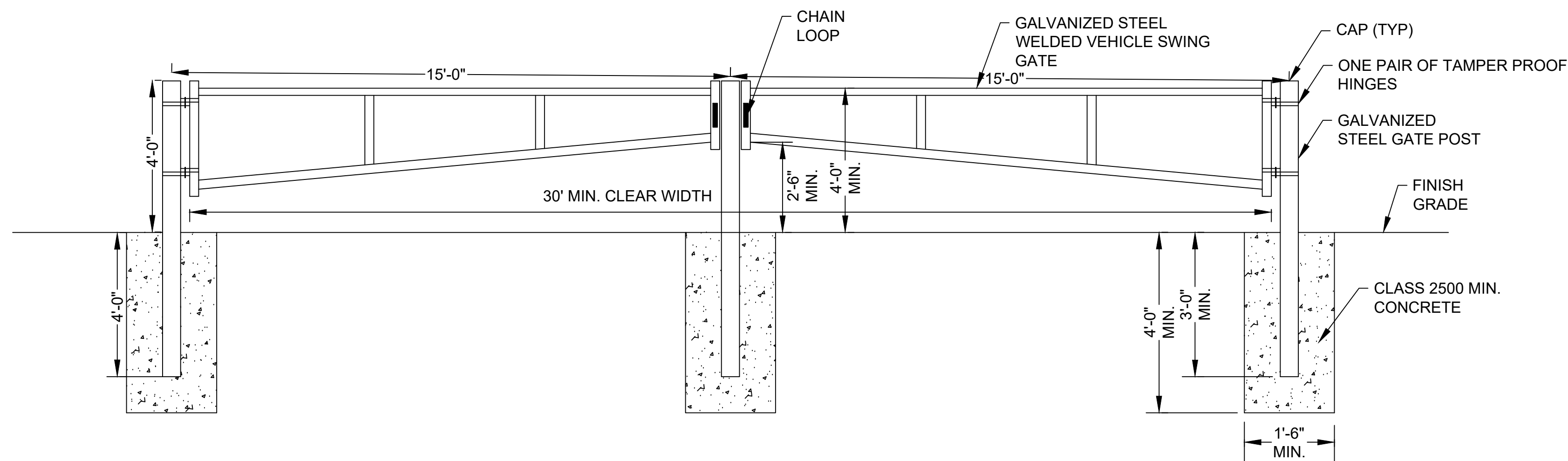
NO.	REVISION	BY	DATE	DRAWN BY:
				DESIGNED BY: _____
				CHECKED BY: _____
				APPROVED BY: _____
				SCALE: _____
				DATE: _____

GALVESTON COUNTY
ENGINEERING DEPARTMENT

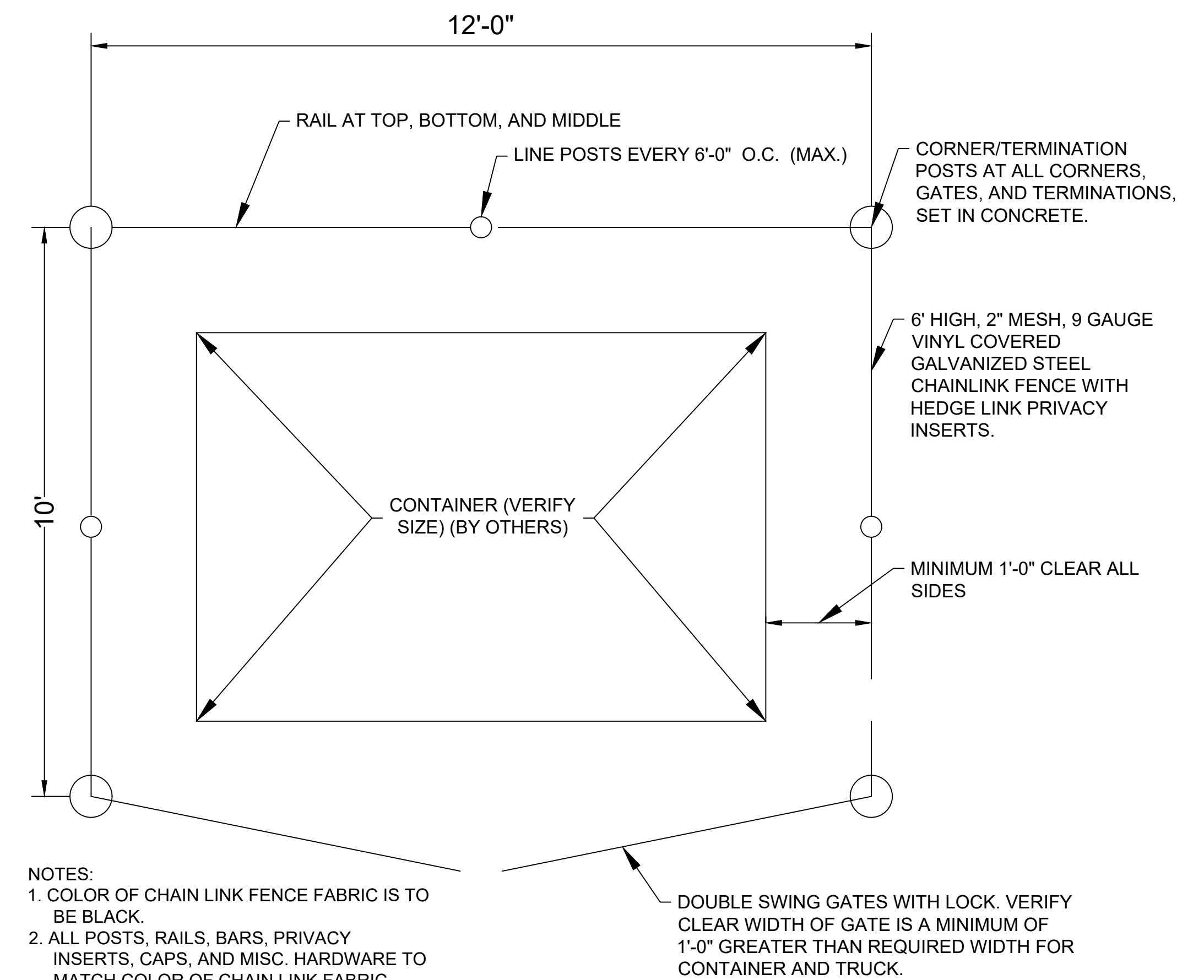
BEACH POCKET PARK No. 2
DUNE WALK OVER DETAILS

SHEET 10

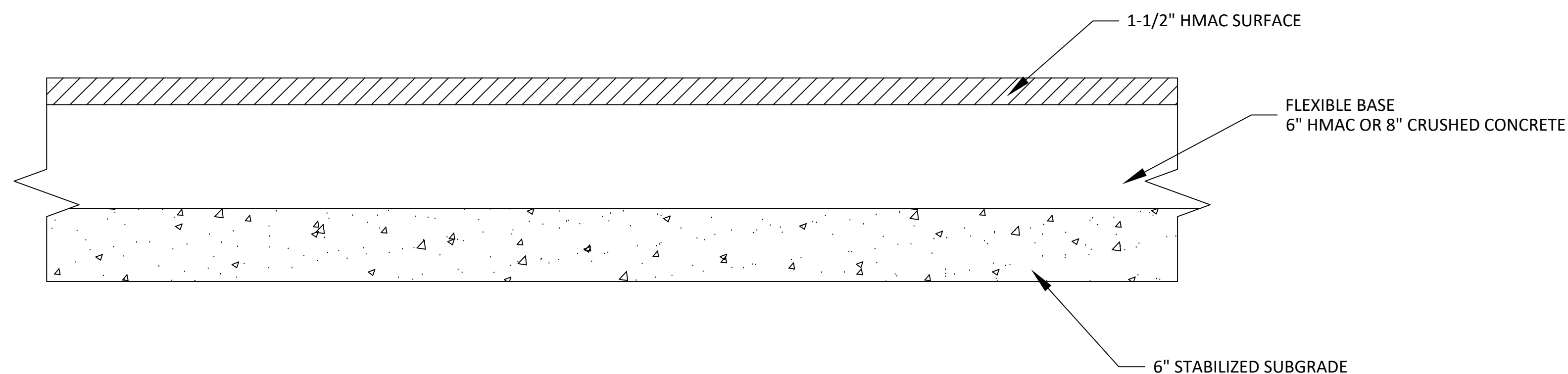
OF 14



ENTRANCE GATE DETAIL
SCALE: NTS



TYPICAL TRASH ENCLOSURE
SCALE: NTS



ASPHALTIC CONCRETE PAVEMENT SECTION
SCALE: NTS

AMANI ENGINEERING, INC.

8303 SOUTHWEST FREEWAY, SUITE 600
HOUSTON, TEXAS 77074
TEL: (713) 270-5700, FAX (713) 271-3487
TBPE REG NO: F-4528, TBPLS REG NO: 100282-00

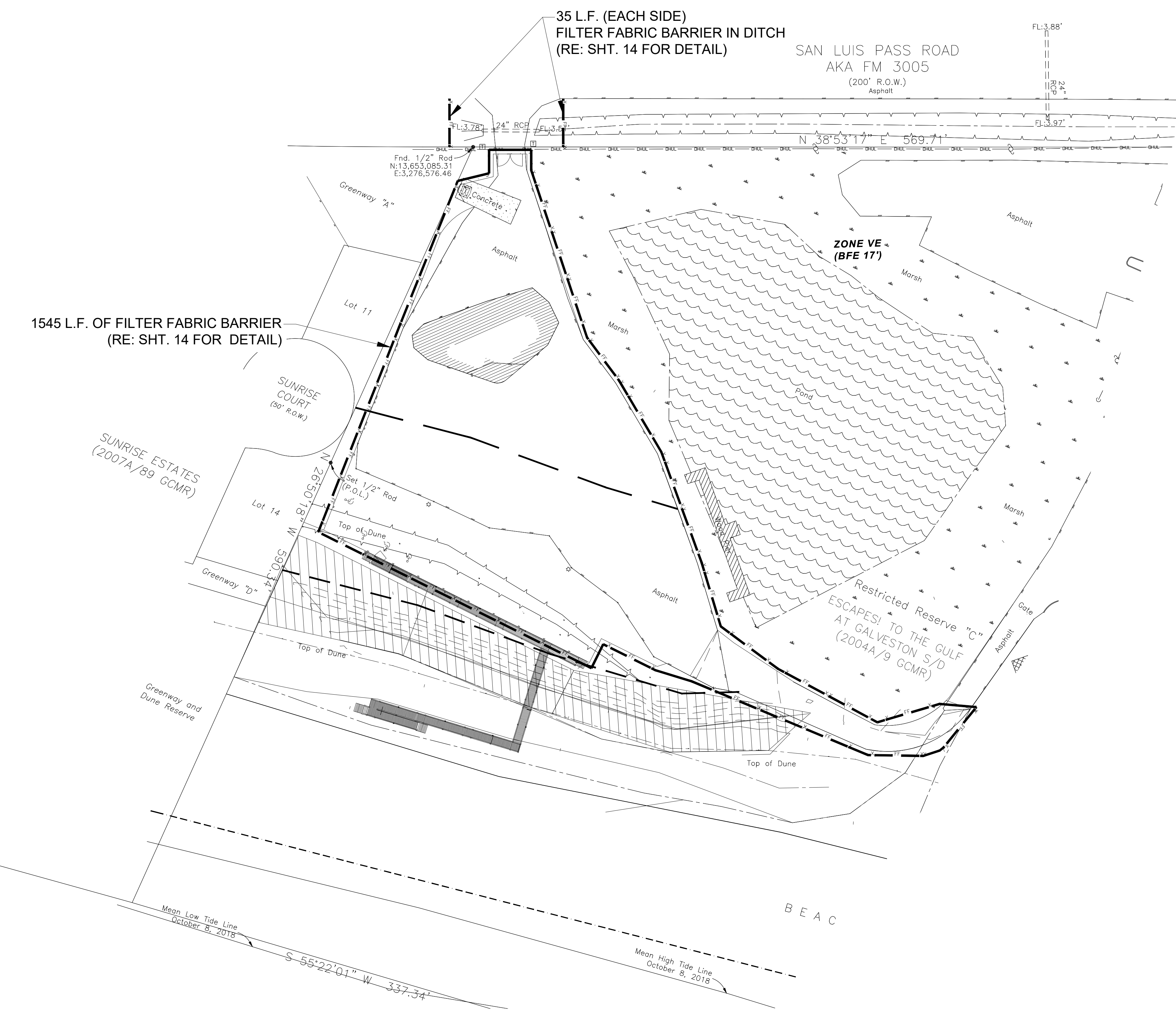


NO.	REVISION	BY	DATE	DRAWN BY:
				DESIGNED BY: _____
				CHECKED BY: _____
				APPROVED BY: _____
				SCALE: _____
				DATE: _____

GALVESTON COUNTY
ENGINEERING DEPARTMENT

BEACH POCKET PARK No. 2
MISCELLANEOUS DETAILS

SHEET 11
OF 14



1545 L.F. OF FILTER FABRIC BARRIER
(RE: SHT. 14 FOR DETAIL)

35 L.F. (EACH SIDE)
FILTER FABRIC BARRIER IN DITCH
(RE: SHT. 14 FOR DETAIL)

SAN LUIS PASS ROAD
AKA FM 3005
(200' R.O.W.)
Asphalt

ZONE VE
(BFE 17')

SUNRISE ESTATES
(2007A/89 GCMR)

SUNRISE COURT
(50' R.O.W.)

Restricted Reserve "C"
ESCAPES! TO THE GULF
AT GALVESTON S/D
(2004A/9 GCMR)

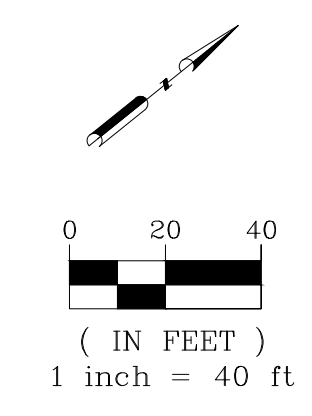
Greenway and
Dune Reserve

B E A C H

Mean Low Tide Line
October 8, 2018

Mean High Tide Line
October 8, 2018

S 55°22'01" W 337.34'



LEGEND:

FF FILTER FABRIC BARRIER

AMANI
ENGINEERING, INC.

8303 SOUTHWEST FREEWAY, SUITE 600
HOUSTON, TEXAS 77074
TEL: (713) 270-5700, FAX (713) 271-3487
TBPE REG NO: F-4528, TBPLS REG NO: 100282-00



NO.	REVISION	BY	DATE	DRAWN BY:
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				DATE: _____

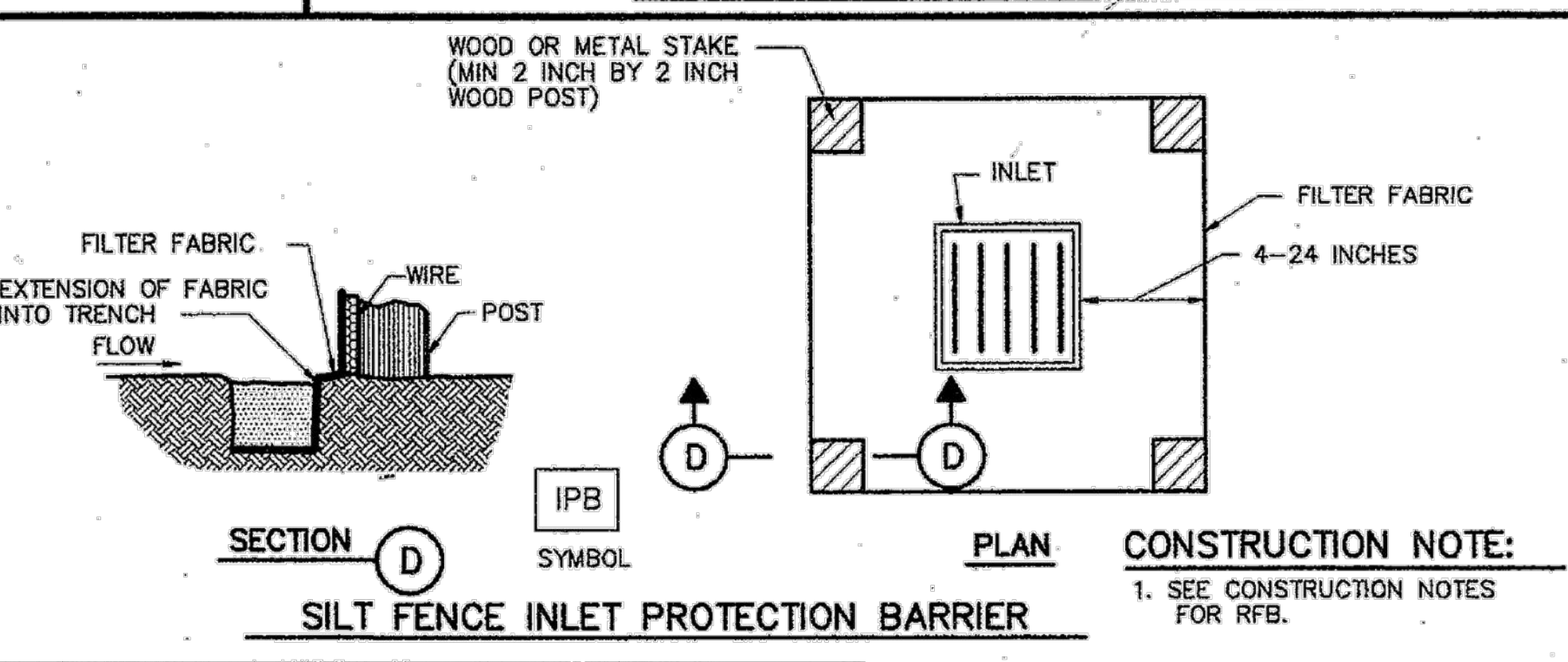
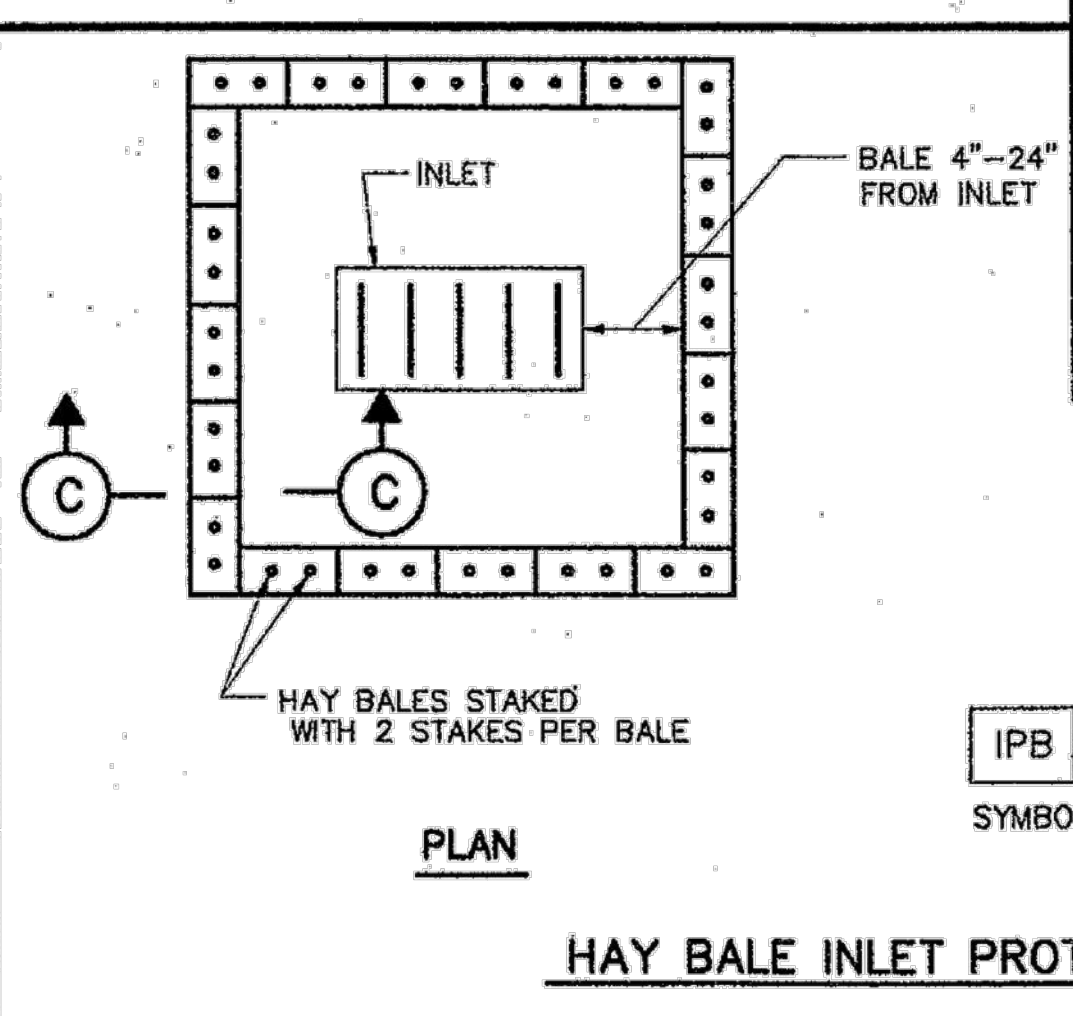
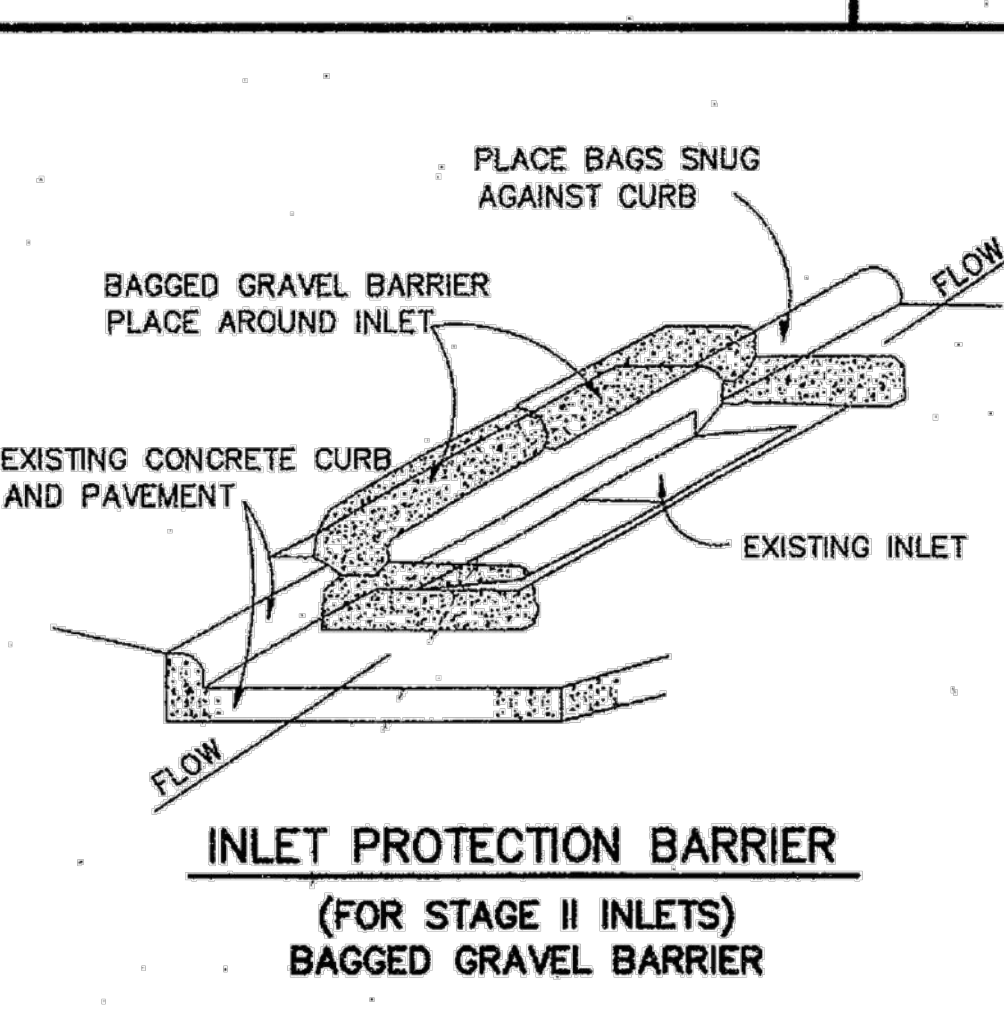
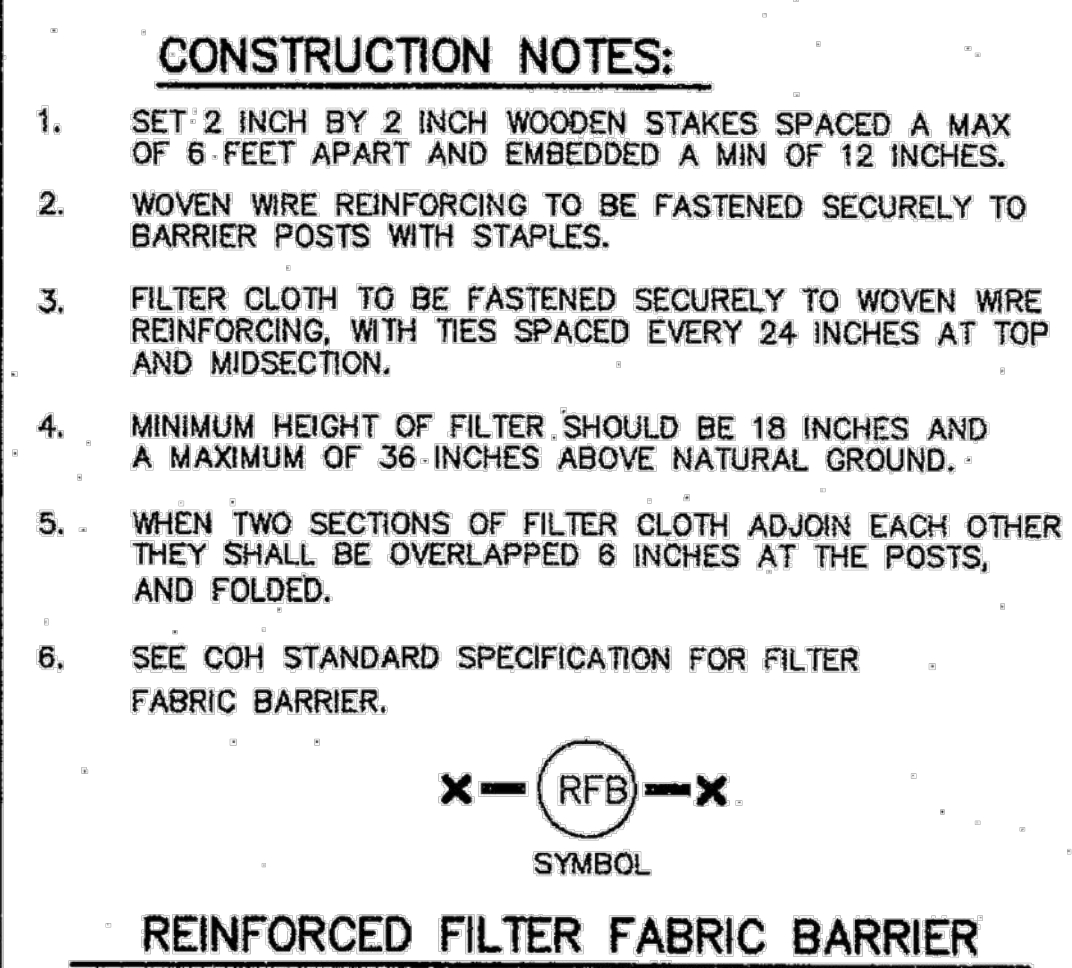
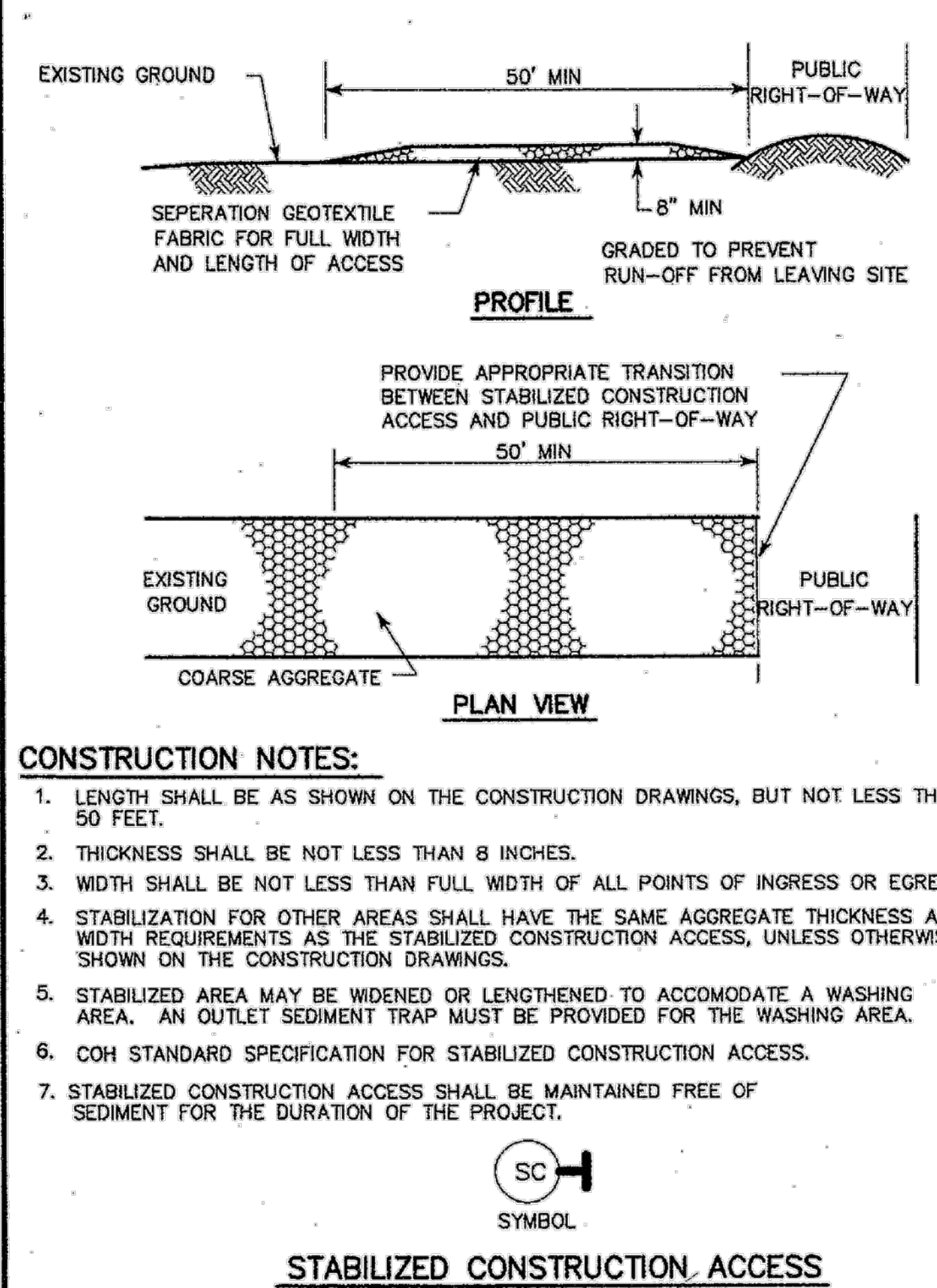
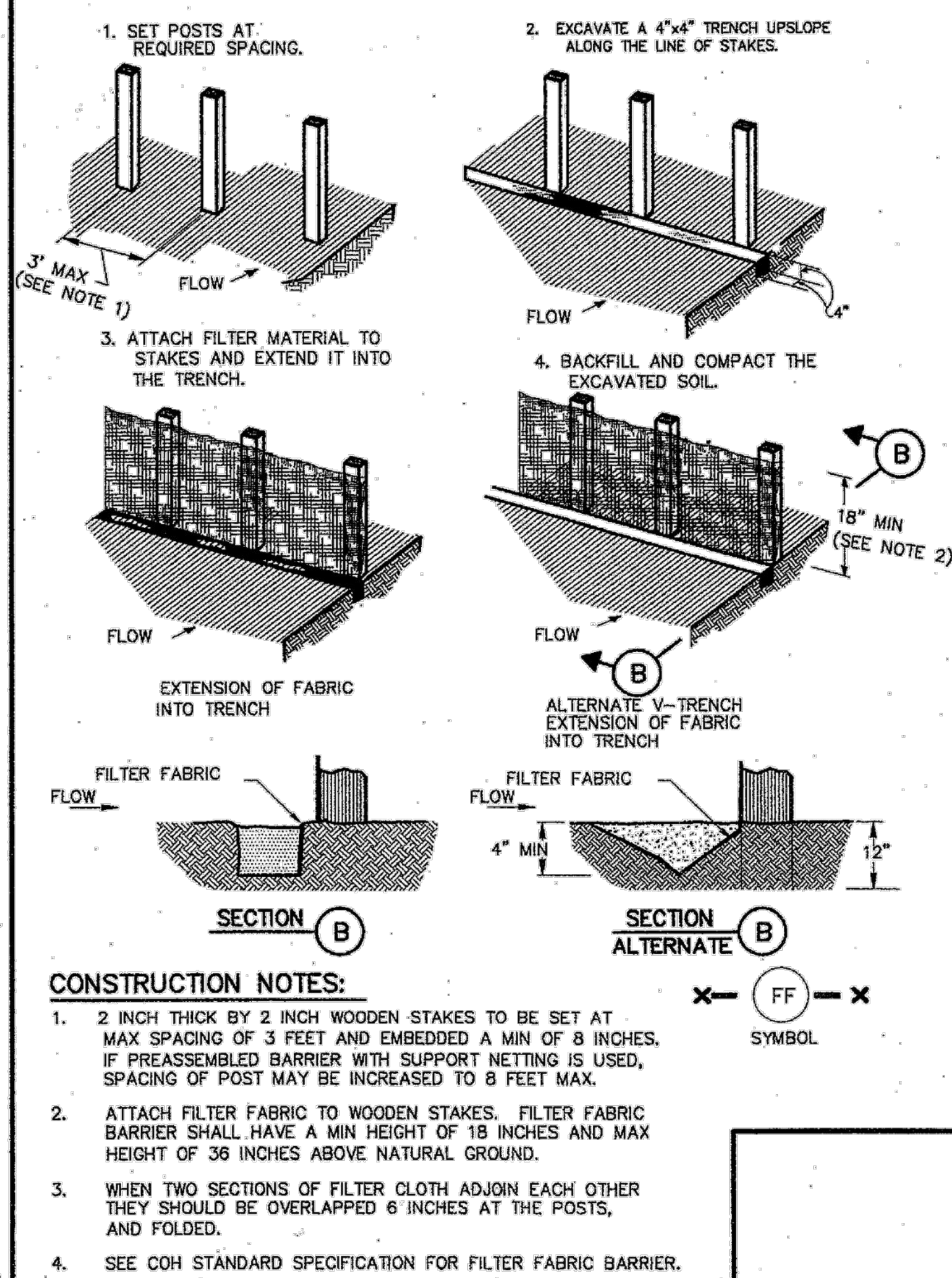
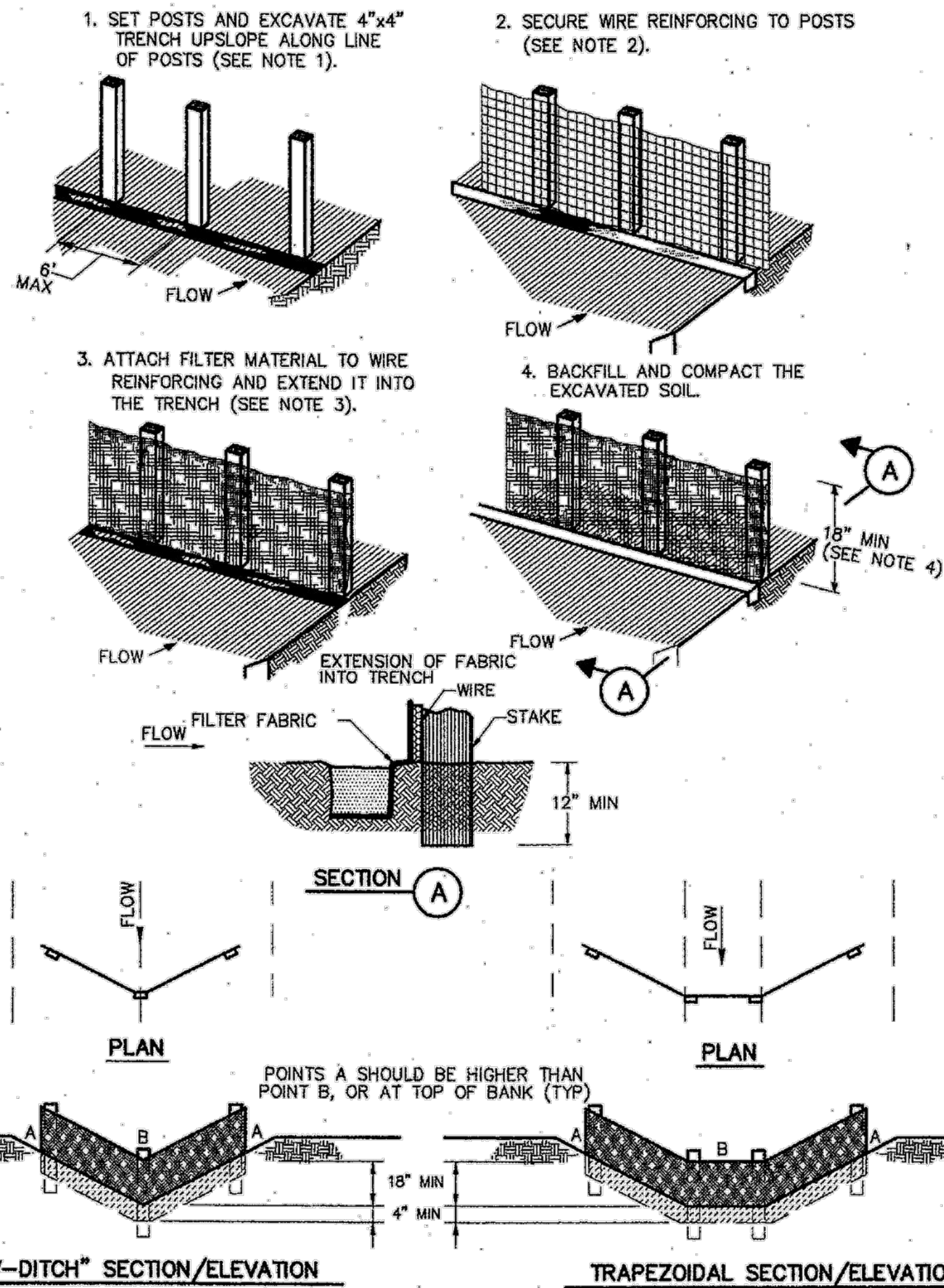
GALVESTON COUNTY
ENGINEERING DEPARTMENT

BEACH POCKET PARK No. 2

STORM WATER POLLUTION
PREVENTION PLAN

SHEET 13

OF 14



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

STORM WATER POLLUTION PREVENTION PLAN DETAILS
(NOT TO SCALE)

APPROVED: *[Signature]* CITY ENGINEER
APPROVED: *[Signature]* DIRECTOR OF PUBLIC WORKS AND ENGINEERING

EFF DATE: JULY-01-2010 DWG NO: 01571-01



NO.	REVISION	BY	DATE

DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____
APPROVED BY: _____
SCALE: _____
DATE: _____