



MEMORANDUM

Date: 10-14-2025

To: Honorable Board of County Commissioners

From: Eileen Mastney, Zoning Coordinator
(Exhibit 1 - Professional Qualifications)

Subject: FP-19-06-08 Biscayne Landing North Bond Release

Request:

Lennar Homes, LLC, is requesting a Bond Release of the approved surety provided under Letter of Credit No. FGAC-22413, issued by Fidelity Guaranty and Acceptance Corp., in the amount of \$128,936.50 for the completion of the remaining second lift of asphalt for the subdivision named, Biscayne Landing North.

The subdivision, consisting of 141 lots was granted Final Plat approval by the Board of County Commissioners on September 23, 2022. The site contains 70.91± acres and is located east of Biscayne Drive, north of El Jobean Road, west of the Flamingo Waterway, south of Crofton Springs Way, and in Commission District IV.

At the time of Final Plat application, the applicant was granted approval of a Developer's Agreement (See Attachment 1) and surety in the amount of \$1,725,648.47, to ensure the completion of the plat infrastructure. On May 15, 2024, the applicant requested a bond reduction and First Amendment to the Developer's Agreement, which was approved on September 10, 2024, and recorded on September 12, 2024, to reduce the amount of the Security from \$1,725,648.47 to \$128,936.50, which was in place at time of this bond release request.

The Project Engineer has submitted this request for a bond release (See Attachment 2) and letter of substantial completion (See Attachment 3), along with the FDEP potable water clearance (See Attachment 4), and FDEP wastewater clearance (See Attachment 5) as-built certification and request for conversion to operation phase (See Attachment 6) and record drawings (See Attachment 7). The Public Works Department has inspected the site, finding that the construction has been completed and is in substantial compliance with previously approved plans. The County Engineer agrees with the Bond Release (See Attachment 8).

If approved, Letter of Credit No. FGAC-22413, issued by Fidelity Guaranty and Acceptance Corp., will be released to the applicant.

Recommendation:

Community Development recommends approval of the requested Bond Release under Petition **FP-19-06-08**.

Exhibit 1
Professional Qualifications

Qualifications of Eileen Mastney

Eileen Mastney

Position: Zoning Coordinator

Time with Charlotte County: 3 months

Qualifications of Eileen Mastney Position: Zoning Coordinator Time with Charlotte County: 3 months. Position Summary & Experience:

I have worked as a Zoning Coordinator for Charlotte County Planning and Zoning Departments for 3months. My duties include administrative tasks, customer service, data entry, reviewing and processing projects, Vacations and Land Splits for compliance with Charlotte County Land Development regulations. Furthermore, I coordinate and compile the comments and conditions of the reviewing departments and agencies into the final recommendation to the Planning and Zoning Board and the Board of County Commissioners for the above applications. Exhibit 1

Attachment 1
Recorded First Amendment

Document prepared under the supervision of:
Charlotte County Attorney
18500 Murdock Circle
Port Charlotte, FL 33948

ROGER D. EATON, CHARLOTTE COUNTY CLERK OF
CIRCUIT COURT
PAGE: 5
INSTR #: 3448795 Doc Type: AGR
Recorded: 09/12/2024 at 11:37 AM
Rec. Fee: RECORDING \$44.00

Charles Mann
Pavese Law Firm
1833 Hendry Street
Fort Myers, FL 33901

FIRST AMENDMENT TO DEVELOPMENT AGREEMENT

THIS FIRST AMENDMENT TO DEVELOPMENT AGREEMENT ("Amendment") is made this 10 day of September, 2024, by and between CHARLOTTE COUNTY, a political subdivision of the State of Florida, herein called "County", and LENNAR HOMES, LLC, a Florida limited liability company, with an address of 10481 Six Mile Cypress Parkway, Fort Myers, Florida 33966, herein called "Developer", and collectively referred to as "Parties."

WITNESSETH

WHEREAS, Developer previously subdivided certain property which includes the Property pursuant to that certain Plat of Biscayne Landing North, according to the plat thereof recorded in Plat Book 26, Pages 4A through 4I of the Public Records of Charlotte County, Florida, defined in the Development Agreement as the "Plat"; and

WHEREAS, in connection with the Plat, County and Developer entered into that certain Development Agreement recorded September 26, 2022 in Official Records Book 5052, Page 1765 of the Public Records of Charlotte County, Florida (the "Development Agreement"), pursuant to which Developer provided a letter of credit in an amount up to but not exceeding the aggregate amount of One Million Seven Hundred Twenty-Five Thousand Six Hundred Forty-Eight and 47/100 Dollars (\$1,725,648.47), defined in the Development Agreement as the "Security," to ensure completion of those subdivision improvements depicted on the Plans (the "Improvements"); and

WHEREAS, Developer asserts that construction of the Improvements has been substantially completed except for the second lift of asphalt; and

WHEREAS, the County has confirmed Developer's assertions regarding the status of the Improvements; and

WHEREAS, based on the above, Developer and County wish to amend the terms of the Development Agreement to reduce the amount of Security and extend the completion date of the Improvements, as further set forth herein; and

WHEREAS, the intent of the Development Agreement and this Amendment thereto is to provide the required financial assurances pursuant to the provisions of Section 3-7-65 of the Charlotte County Code of Laws and Ordinances, which is not intended to be construed as a development agreement under Chapter 163.3221, Florida Statutes.

NOW THEREFORE, in consideration of their respective undertakings hereunder, County and Developer agree as follows:

1. Recitals; Definitions. The foregoing recitals are true and correct and incorporated herein by this reference. Capitalized terms not defined herein shall have the meaning ascribed thereto in the Development Agreement.
2. Bond Requirement. Notwithstanding anything in the Development Agreement to the contrary, Developer shall provide a bond or letter of credit in the amount of One Hundred Twenty-Eight Thousand Nine Hundred Thirty-Six and 50/100 Dollars (\$128,936.50) to ensure completion of the Improvements. Said security shall remain in effect until final approval of the Improvements by the County. Upon certification by a licensed engineer that the Improvements have been completed in substantial compliance with the plans previously approved by the County, County shall release the Security and the Development Agreement shall terminate.
3. Completion Date. All Improvements as shown on the approved construction plans shall be completed per the approved construction plans to the reasonable satisfaction of the County engineer by December 31, 2024.
4. Satisfactory Completion. In the event that the Improvements are not satisfactorily completed within the specified time period in Section 3, or in the event that the County receives notification from the institution issuing the financial assurance that the Security will expire prior to the specified time period, it is expressly understood and acknowledged by the Parties that:
 - i. Notwithstanding any notice and cure requirement in the Development Agreement or this First Amendment, the County, may at its sole and absolute discretion, request and/or utilize the full amount of the bond.
 - ii. In the event of litigation, no party, including, but not limited to, Developer, future lot owners, and successors and assigns, is entitled to an offset of damages in an amount equal to the posted Security funds.
 - iii. There are no intended third-party beneficiaries to the Agreement, and therefore, no third parties can or should rely on the Agreement and/or Security, including, but not limited to, future lot owners, and

successors and assigns.

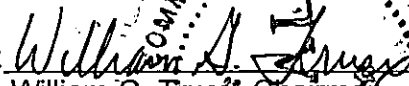
- iv. Nothing herein shall be construed to create an obligation upon the County under Section 177.081, Florida Statutes, to voluntarily assume an obligation to perform any act of construction or maintenance under the Agreement and/or the Security.
5. Miscellaneous. This First Amendment may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. It shall not be necessary for every party to sign each counterpart but only that each party shall sign at least one such counterpart. Except as modified hereby, the terms and conditions of the Development Agreement shall remain in full force and affect. In the event of a conflict between the terms and provisions of this First Amendment and the Development Agreement, the terms and provisions of this First Amendment shall control and be given effect.

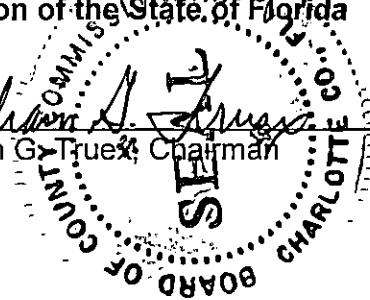
[Signature pages to follow]

IN WITNESS WHEREOF, County and Developer have executed this First Amendment to Development Agreement on the date first above written.

CHARLOTTE COUNTY, a Political
Subdivision of the State of Florida

By:

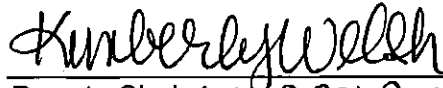

William G. Truesdell, Chairman



ATTEST:

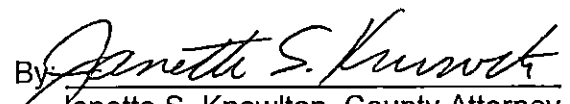
Roger D. Eaton, Clerk of the Circuit
Court and Ex-officio Clerk of the
Board of County Commissioners

By:


Deputy Clerk AAGR 2022-105

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:

By:


Janette S. Knowlton, County Attorney
LR2024-0532 Kmd

[Signature]
1st Witness Signature

Carlos Cardenas
1st Witness Printed Name

[Signature]
2nd Witness Signature

Jennifer M. Sheppard
2nd Witness Printed Name

LENNAR HOMES, LLC
a Florida limited liability company
10481 Six Mile Cypress Pkwy.
Fort Myers, Florida 33966

By: [Signature]
Authorized Signature

Scott Edwards
Printed Name

Vice President
Title

ACKNOWLEDGEMENT

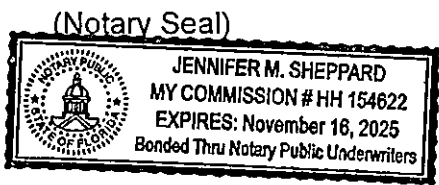
State of FL
County of Lee

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 8th day of August, 2024 by Scott Edwards, Vice President, who [☒ is personally known to me or [☐] has produced _____ as identification and did/did not take an oath.

My commission expires:

[Signature]
Notary Public
Jennifer M. Sheppard
Printed name of Notary Public

Serial or commission number _____



Attachment 2
Request for a Bond Release



Professional Engineers, Planners & Land Surveyors

October 13, 2025

Ms. Tara Prince
Charlotte County Land Development
18400 Murdock Circle
Port Charlotte, Florida 33948

**RE: BISCAYNE LANDING NORTH
FP-19-06-08
BOND RELEASE REQUEST**

Dear Ms. Prince,

On behalf of our client, Lennar Homes, LLC, please accept this letter as a formal request to release the current performance bond/letter of credit amounts for the above-referenced project based on the information enclosed.

The original bond/letter of credit amount was for \$1,725,648.47 and then a bond reduction was submitted in May 2024 to reduce the bond/letter of credit down to \$128,936.50

A site visit was conducted and the site was found to be constructed in substantial conformance to the approved plans.

Thank you for your consideration and should you have any questions or need additional information, please call.

Sincerely,
BANKS ENGINEERING

A handwritten signature in blue ink, appearing to read "Clay", is written over the company name.

Clayton W. Rebol, P.E.
Vice President

Cc: file, Lennar Homes, LLC

S:\Jobs\42xx\4272\Documents\County\Bond Release\Biscayne Landing North\County_Bond Release Request Ltr.docx

SERVING SOUTHWEST FLORIDA

Attachment 3
Letter of Substantial Completion



Professional Engineers, Planners & Land Surveyors

October 9, 2025

Charlotte County Community Development
18400 Murdock Circle
Port Charlotte, Florida 33948

Reference: **BISCAYNE LANDING NORTH**
FP-19-06-08
LETTER OF SUBSTANTIAL COMPLETION

To Whom It May Concern:

I hereby certify that a visual site inspection was conducted on Wednesday, August 6, 2025, at the above-referenced site, and found the project to be constructed in substantial conformance with the approved construction plans.

Sincerely,
BANKS ENGINEERING

A handwritten signature in blue ink, appearing to read "Clayton W. Rebol", written over the printed name.

Clayton W. Rebol, P.E.
Vice President

Cc: File

SERVING SOUTHWEST FLORIDA

Attachment 4
FDEP Potable Water Clearance



FLORIDA DEPARTMENT OF Environmental Protection

South District
PO Box 2549
Fort Myers FL 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

POTABLE WATER CLEARANCE – TOTAL

June 14, 2023

Lennar Homes, LLC
Scott Edwards, Vice President
10481 Six Mile Cypress Parkway
Fort Myers, FL 33966
scott.edwards@lennar.com

Clearance Type: Total
Charlotte County
Permit Number: 344279-066-DSGP
PWS Name: Charlotte County Utilities
PWS ID: 5084100
Project Name: Biscayne Landing Phase II
Project Location: Section 10, Township 40S, Range 21E

Dear Scott Edwards:

This letter acknowledges receipt of the certification, dated May 18, 2023, for the subject water distribution system extension. The submitted information demonstrates the system extension has been constructed in accordance with the FDEP Permit Number above and related plans and materials and that satisfactory pressure and bacteriological tests were conducted in accordance with the AWWA standards. Based on the certification and satisfactory bacteriological results, the Department is clearing the system for service.

If you have any questions or comments regarding this total clearance, please contact Brian Eastham by telephone at (239) 344-5616 or by e-mail at Brian.Eastham@FloridaDEP.gov.

Sincerely,

A handwritten signature in blue ink that reads "Nolin Moon".

Nolin Moon
Environmental Administrator
Florida Department of Environmental Protection

cc:

E. David Watson, P.E., Charlotte County Utilities, Utilities Director, dave.watson@charlottecountyfl.gov
Clayton W. Rebol, P.E., Banks Engineering, crebol@bankseng.com

Attachment 5

**Notification of Completion of Construction for a
Domestic Wastewater
Collection/Transmission System**

From: no-reply@dep.state.fl.us
To: [Heather Polito](#)
Cc: SD_newapps@floridadep.gov; scott.edwards@lennar.com; dave.watson@charlottecountyfl.gov; dave.watson@charlottecountyfl.gov; [Clay Rebol](#); [Heather Polito](#)
Subject: Wastewater Notification Received - Facility ID: FL0040291
Date: Thursday, May 18, 2023 1:07:17 PM
Attachments: [ATT00001.bin](#)



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Receipt for Notification Submission

May 18, 2023

Heather Polito

CHARLOTTE COUNTY UTILITIES - EASTPORT WWTP - FL0040291
3100 LOVELAND BLVD
PORT CHARLOTTE, FL

This is to acknowledge that your Notification of Completion of Construction for a Domestic Wastewater Collection/Transmission System was received on **May 18, 2023**.

The form and supporting information fulfills the requirements to notify DEP the domestic wastewater collection/transmission system described below has been constructed in accordance with the associated DEP Permit Number and related plans and materials.

DEP may contact you for additional information. If you indicated substantial deviations and you do not hear from your district office, your project may be placed into service 10 days from the date of this letter. If you did NOT indicate substantial deviations and you do not hear from your district office, your project may be placed into service 3 days from the date of this letter.

This Clearance Notification Process does not relieve you from the responsibility of obtaining other permits or authorizations from other agencies (federal, state, city, etc.) that may be required for the project.

In support of your notification you provided the following information:

Construction Permit Number:	44274-475-DWC/CM
Project Name:	Biscayne Landing Phase II
Project Location:	2039 Lorraine Drive, Port Charlotte, FL 33953
Permittee:	Lennar Homes, LLC
Collection System Owner:	Charlotte County Utilities
Treatment Facility:	CHARLOTTE COUNTY UTILITIES - EASTPORT WWTP - FL0040291
Clearance Type:	Total Clearance
Submitter Indicated Substantial Deviations?:	No

Substantial Deviations (when applicable):

Attachments:

File Description: FDEP Wastewater Cert

File Name: 4272 II FDEP Sewer Cert Sub_5-18-23.pdf

File Hash: 3d50e3bfb87ad45b02b125a232bf9cab0e03be195765fc825b0c4e5a67bc818

All files related to your facility may be viewed at our Departmental Information Portal:

<https://prodenv.dep.state.fl.us/DepNexus/public/electronic-documents/FL0040291/facility!search>

Please allow up to three (3) business days for the above documents to appear.

Staff will notify you of any additional information that may be required to complete your notification.

The Office for your project is:

South District

SD_newapps@floridadep.gov

Please contact this Office for any questions regarding your project.



Attachment 6

Request for Conversion to Operation Phase



An Equal
Opportunity
Employer

Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899

(352) 796-7211 or 1-800-423-1476 (FL only)

WaterMatters.org

Bartow Office

170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Office

78 Sarasota Center Boulevard
Sarasota, Florida 34240-9770
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Office

7601 U.S. 301 North (Fort King Highway)
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

February 11, 2022

Biscayne Landing Homeowner's Association, Inc.
Attn: Matthew Koratich
12734 Kenwood Lane, Suite 49
Fort Myers, FL 33907

Subject: **Transfer to Operation Phase**
Project Name: Biscayne Property
Permit No.: 43042512.001
Compliance No.: 419766
County: Charlotte
Sec/Twp/Rge: S10/T40S/R21E

Dear Mr. Koratich:

The request to transfer the subject permit to the operation phase has been approved. District staff have reviewed the submitted information and determined that the stormwater management system was in compliance at the time of our inspection. The District reserves the right to inspect the project in the future to ensure continued compliance with state law and District rules. The permit, approved drawings and other documents are available for viewing through the District's Application and Permit Search Tools at <http://watermatters.org/wmiserp>.

The subject permit contains a condition requiring periodic inspection and maintenance. The inspections are required every five (5) years. A record of each inspection (including the date of inspection, the name and contact information of the inspector, whether the system was functioning as designed and permitted) must be maintained, and must be made available to the District upon request. Within 30 days of any failure of a stormwater management system or deviation from the permit, an inspection report shall be submitted using Form 62-330.311(1), Operation and Maintenance Inspection Certification available on the District's website, <http://www.watermatters.org/permits/erp>, describing the remedial actions taken to resolve the failure or deviation.

As outlined in Subsection 62-330.340, F.A.C., "A Permittee shall notify the Agency in writing within 30 days of a change in ownership or control of the entire real property, project, or activity covered by the permit. This notification can be submitted on Form 62-330.340(1) –Request To Transfer Permit available on the District's website, <http://www.watermatters.org/permits/erp>.

If you have questions, please contact Thomas Stevens, E.I. at the Bartow Service Office.

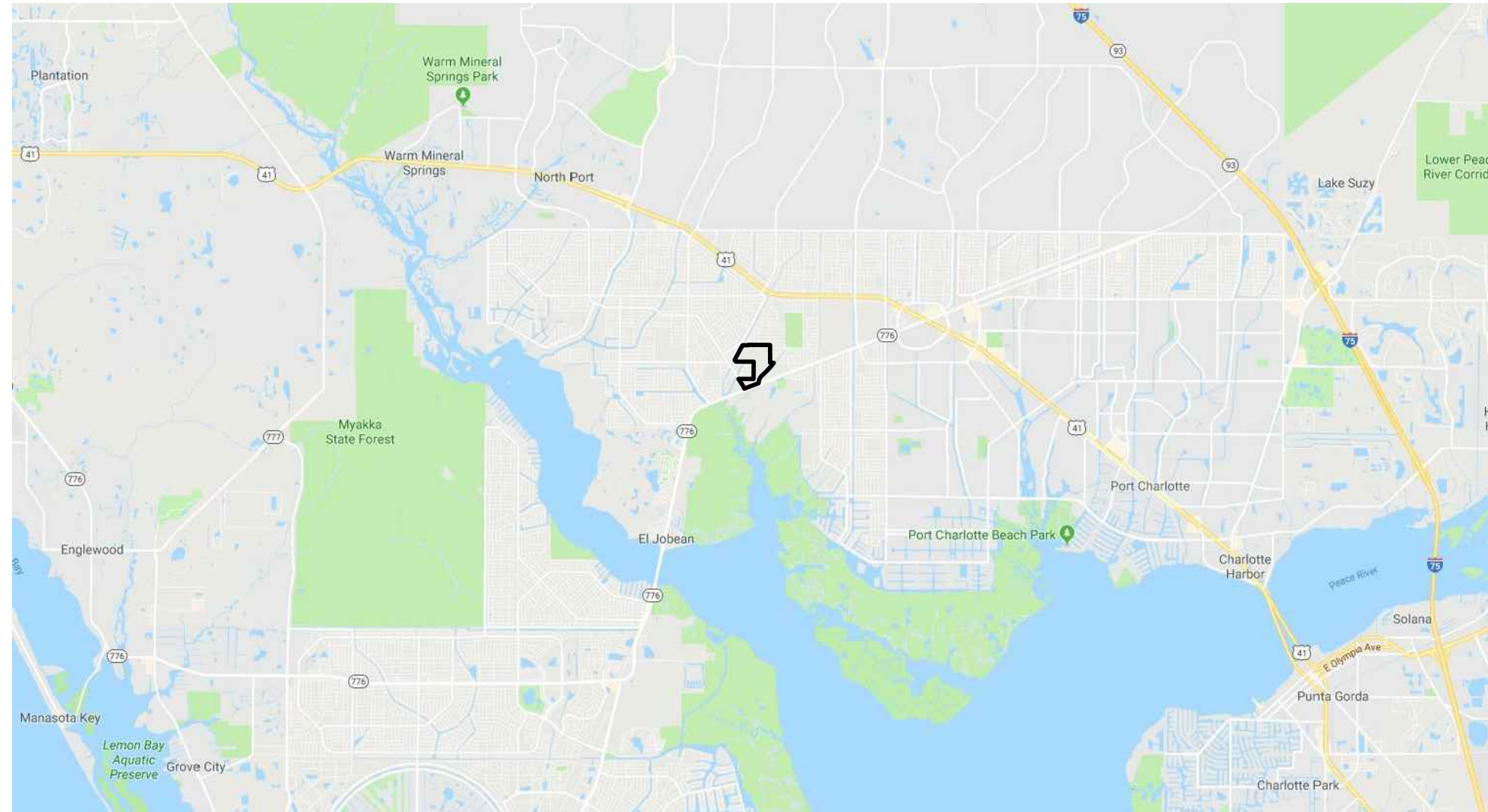
Sincerely,

David Kramer, P.E.
Bureau Chief
Environmental Resource Permit Bureau
Regulation Division

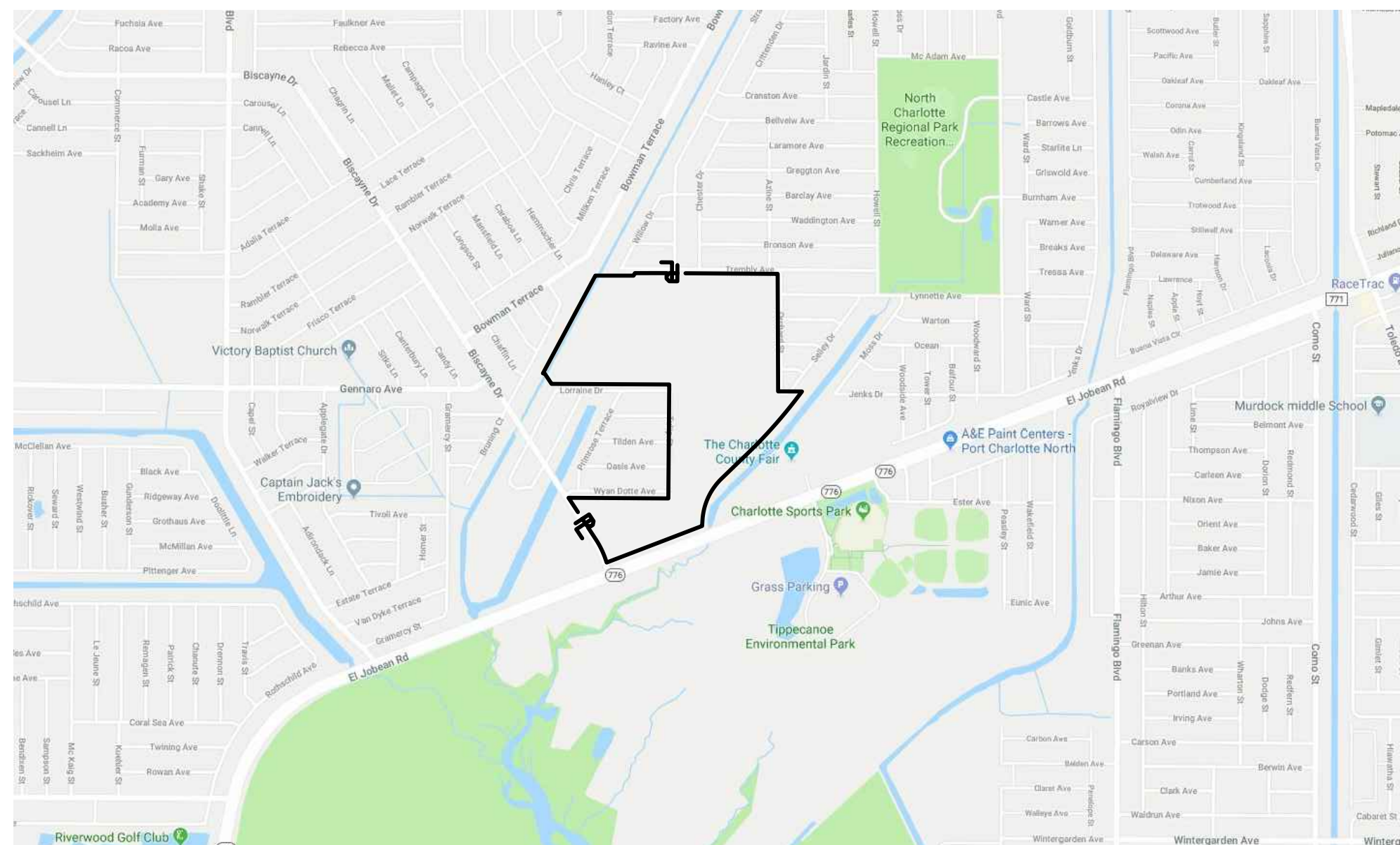
cc: Ryan W. Powers, P.E., Banks Engineering

Attachment 7
As-Built Record Drawings

BISCAYNE LANDING



GENERAL LOCATION MAP



LOCATION MAP

SECTION 10, TOWNSHIP 40 SOUTH, RANGE 21 EAST
CHARLOTTE COUNTY, FLORIDA

SITE INFORMATION

<u>PROJECT AREA:</u>	125.93 ACRES
<u>PARCEL STRAP NO.:</u>	402110477001 402115276001
<u>PARCEL ADDRESS:</u>	2109 TULIP STREET PORT CHARLOTTE, FL 33953
<u>CURRENT ZONING:</u>	PLANNED DEVELOPMENT (PD)
<u>PROPOSED USE:</u>	RESIDENTIAL SINGLE & MULTI-FAMILY

PREPARED FOR:
LENNAR HOMES, LLC
10481 SIX MILE CYPRESS PARKWAY
FORT MYERS, FL 33966
PHONE: 239-931-4778

UTILITY SERVICE PROVIDERS

<u>WATER:</u> CHARLOTTE COUNTY UTILITIES	25550 HARBORVIEW RD. SUITE 1 PORT CHARLOTTE, FL 33980 PHONE: (941) 764-4300
<u>SEWER:</u> CHARLOTTE COUNTY UTILITIES	25550 HARBORVIEW RD. SUITE 1 PORT CHARLOTTE, FL 33980 PHONE: (941) 764-4300
<u>ELECTRIC:</u> FLORIDA POWER AND LIGHT	2245 MURPHY CT. NORTH PORT, FL 34289 PHONE: (800) 375-8490
<u>PHONE:</u> CENTURYLINK	4195 KINGS HIGHWAY PORT CHARLOTTE, FL 33980 PHONE: (941) 637-5141
<u>CABLE:</u> COMCAST	22266 EDGEWATER DRIVE PORT CHARLOTTE, FL 33980 PHONE: (941) 625-6000
<u>FIRE PROTECTION:</u> CHARLOTTE COUNTY FIRE/EMS	26571 AIRPORT RD. PUNTA GORDA, FL 33982 PHONE: (941) 833-5600
<u>SOLID WASTE DISPOSAL:</u> WASTE MANAGEMENT	25515 OLD LANDFILL ROAD PORT CHARLOTTE, FL 33980 PHONE: (941) 629-1106

PROJECT CONTACTS

CIVIL ENGINEER:
BANKS ENGINEERING
RYAN W. POWERS, P.E. PROJECT MANAGER

SURVEYOR:
BANKS ENGINEERING
RICHARD M. RITZ, RLS

ENVIRONMENTAL:
IAN VINCENT & ASSOCIATES
IAN M. VINCENT

LANDSCAPE ARCHITECT:
JOHN T. SWEN, P.A.

TRAFFIC ENGINEER:
JWB TRANSPORTATION ENGINEERING, INC.
JAMES M. BANKS, P.E.

4161 TAMIAHI TRAIL — BLDG 5 UNIT 501
PORT CHARLOTTE, FLORIDA 33952
PHONE: (941) 625-1165

4161 TAMIAHI TRAIL — BLDG 5 UNIT 501
PORT CHARLOTTE, FLORIDA 33952
PHONE: (941) 625-1165

4050 ROCK CREEK DRIVE
PORT CHARLOTTE, FL 33948
PHONE: (941) 457-6272

P.O. BOX 494466
PORT CHARLOTTE, FL 33949
PHONE: (941) 626-7365

4711 7TH AVE SW
NAPLES, FL 34119
PHONE: (239) 919-2767

BANKS
ENGINEERING

Professional Engineers, Planners, & Land Surveyors
Serving The State Of Florida

4161 TAMiami TRAIL - BLDG 5 UNIT 501
PORT CHARLOTTE, FLORIDA 33952
PHONE: (941) 625-1165 FAX: (941) 625-1149
ENGINEERING LICENSE # EB 6469
SURVEY LICENSE # LB 6690
WWW.BANKSENG.COM

THIS ITEM HAS BEEN DIGITALLY SIGNED
AND SEALED BY RYAN W. POWERS,
P.E. ON THE DATE ADJACENT TO THE
SEAL. PRINTED COPIES OF THIS
DOCUMENT ARE NOT CONSIDERED
SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY

RYAN W. POWERS, P.E.
FL LIC. NO. 82437

Sheet List Table

Sheet	Number	Sheet Title
	1	COVER SHEET
	2	GENERAL NOTES & SPECIFICATIONS
	3	PROJECT NOTES & LEGEND
	4	AERIAL
	5	SITE DEVELOPMENT PLAN
	5A	PHASING PLAN
	6	MASTER PAVING, GRADING, & DRAINAGE PLAN
	7	PAVING, GRADING, & DRAINAGE PLAN
	8	PAVING, GRADING, & DRAINAGE PLAN
	9	PAVING, GRADING, & DRAINAGE PLAN
	10	PAVING, GRADING, & DRAINAGE PLAN
	11	PAVING, GRADING, & DRAINAGE PLAN
	12	PAVING, GRADING, & DRAINAGE PLAN
	13	PAVING, GRADING, & DRAINAGE PLAN
	14	STRUCTURE LIST
	15	PAVING, GRADING, & DRAINAGE DETAILS
	16	PAVING, GRADING, & DRAINAGE DETAILS
	17	TYPICAL CROSS SECTIONS
	17A	TYPICAL CROSS SECTIONS
	18	BEST MANAGEMENT PRACTICES PLAN
	19	BEST MANAGEMENT PRACTICES DETAILS

RECORD DRAWING

I CERTIFY THAT THESE RECORD DRAWINGS HAVE BEEN REVIEWED BY ME OR BY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION AND THAT THESE DRAWINGS INCORPORATE THE INFORMATION CONTAINED IN THE CERTIFIED AS-BUILTS. TO THE BEST OF MY KNOWLEDGE AND BELIEF THESE RECORD DRAWINGS SUBSTANTIALLY REFLECT THE UTILITY ASSETS AS CONSTRUCTED. THE ACCURACY OF THESE RECORD DRAWINGS IS RELIANT ON THE ACCURACY APPLIED BY THE SURVEYOR WHO CERTIFIED THE AS-BUILT DRAWINGS.

ALL ELEVATIONS SHOWN ARE IN NAVD 88,
TO CONVERT ELEVATIONS INTO NGVD 1929:
+1.12 FEET CONVERSION FACTOR.

[illegible]

ABD	ABANDONED	GA	GAUGE
AC	ACRE	GAL	GALLON
ACCEL	ACCELERATION	GALV	GALVANIZED
ADJ	ADJUST	GAR	GARAGE
AGG	AGGREGATE	GB	GRADE BREAK
ALT	ALTERNATE	GD	GUTTER DRAIN
ALU	ALUMINUM	GIP	GALVANIZED IRON PIPE
AM	11:59 MIDNIGHT UNTIL 12:00 NOON	GM	Gas MAIN
APPL	APPLICATION	GP	GRADE POINT
APPROX	APPROXIMATE	GR	GRADE OR GRATE
ARV	AIR RELIEF VALVE	GRC	GALVANIZED RIGID CONDUIT
ASPH	ASPHALT	GRD	GROUND
ASSEM	ASSEMBLY	GTR	GUTTER
ATTN	ATTENTION	GV	GATE VALVE
AUX	AUXILIARY	HS	HIGH STRENGTH
AVE	AVENUE	HB	HAY BALES
AWG	AMERICAN WIRE GAUGE	HC	HANDICAPPED OR HORIZONTAL CLEARANCE
BC	BACK OF CURB	HD	HEAVY DUTY
BCOMP	BITUMINOUS COATED CORRUGATED METAL PIPE	HDPE	HIGH DENSITY POLYETHYLENE
BE	BURIED ELECTRIC	HDWL	HEADWALL
BEG	BEGIN	HNDRIL	HANDRAIL
BIT	BITUMINOUS	HOA	HOME OWNERS ASSOCIATION
BLK	BLACK	HOR	HORIZONTAL
BL	BASLINE	HPR	HIGH POINT OR HIGH PRESSURE
BLK	BASLINE CONTROL	HR	HOOR
BLDG	BUILDING	HSE	HOUSE
BLKHD	BULKHEAD	HT	HEIGHT
BLVD	BOULEVARD	HW	HIGH WATER
BNM	BENCHMARK	HWY	HIGHWAY
BNDY	BOUNDARY	HYD	HYDRAULIC
BOT	BOTTOM	HERTZ	HERTZ
BP	BORROW PIT	ID	INSIDE DIAMETER OR IDENTIFICATION
BR	BRIDGE	IN	INCH(ES)
BRG	BEARING	INC	INCORPORATED OR INCLUDING
BT	BURIED TELEPHONE	IND	INDUSTRY
BTFLY	BUTTERFLY	INSTALL	INSTALL
BTWN	BETWEEN	INT	INTERIOR
BW	BOTTOM WIDTH	INV	INVERT
C&G	CURB AND GUTTER	IP	IRON PIPE
CA	CIP IN PLACE	IR	IRON ROD
CIP	COURSE AGGREGATE	ISECT	INTERSECTION
CAP	CORRUGATED ALUMINUM PIPE	ISL	ISLAND
CASP	CORRUGATED ALUMINIZED STEEL PIPE	JB	JUNCTION BOX
CATV	CABLE TELEVISION	JCT	JUNCTION
CB	CATCH BASIN	JT	JOINT
CBC	CONCRETE BOX CULVERT	K	KNOT
CBS	CONCRETE BOX STRUCTURE	KWH	KILOWATT-HOUR
CC	CENTER TO CENTER	L	LENGTH
CD	CROSS DRAIN	L/W	LENGTH
CEM	CEMENT	LMT	LIMITED ACCESS
CF	CUBIC FOOT	LAT	LATITUDE
CFS	CUBIC FOOT PER SECOND	LB	POUNDS
CH	CHANNEL	LB/SY	POUNDS PER SQUARE YARDS
CI	CAST IRON	LBR	LINE ROCK BEARING RATIO
CIRC	CAST IRON PIPE	LF	LINEAR FEET (FOOT)
CIR	CIRCUMFERENCE	LGTH	LENGTH
CL	CENTERLINE	LN	LINEAR
CLEAR	CLEARANCE	LM	LUMEN
CM	CONCRETE MONUMENT	LME	LAKE MAINTENANCE EASEMENT
CMP	CORRUGATED METAL PIPE	LMRK	LINE ROCK
COMP	CORRUGATED METAL PIPE ARCH	LOC	LOCATION
CO	CLEAN OUT	LONG	LONGITUDE
COL	COLLUM	LS	LANDSCAPE BUFFER
COM	COMMERICAL	LTD	LEFT TURN
COMP	COMPOSITE	LUX	LUMINAIRE
CON	CONNECT	LX	MAINTENANCE
CONC	CONCRETE	MATL	MATERIAL
CONST	CONSTRUCTION	MB	MEAN HIGH WATER
CONT	CONTINUATION	MB	MEDIAN BARRIER
CONTR	CONTRACTOR	MED	MEDIAN
COORD	COORDINATE	MES	MITERED END SECTION
COR	CORNER	MFG	MANUFACTURER
CORRY	CORRUGATED	MN	MANHOLE
COV	COVER	MHW	MEAN HIGH WATER
CP	CONCRETE PIPE	MID	MIDDLE
CPE	CORRUGATED POLYETHYLENE PIPE	MIL	ONE-THOUSANDTH OF AN INCH
CR	CONTROL RADIUS	MIN	MINIMUM
CRS	COURSE	MISC	MISCELLANEOUS
CSP	CORRUGATED STEEL PIPE	MJ	MECHANICAL JOINT
CTR	CENTER	MLW	MEAN LOW WATER
CY	CUBIC YARD	MOBLT	MOBILIZATION
CULV	CULVERT	MOD	MODIFIED
OWE	CONTROL WATER ELEVATION	MON	MONUMENT
D	DEPTH	MT	MAINTENANCE OF TRAFFIC
DIA	DIAMETER	MP	MILE POST
DA	DRAINAGE AREA	MPH	MILES PER HOUR
DBH	DIAMETER AT BREAST HEIGHT	MSL	MEAN SEA LEVEL
DBI	DITCH BOTTOM INLET	MTD	MOUNTED
DBL	DOUBLE	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL
DE	DRAINAGE EASEMENT	N	NORTH
DECEL	DECELERATION	N&C	NAIL AND CAP
DELIN	DELINQUENTS	N&D	NAIL AND DISK
DEPT	DEPARTMENT	NA	NOT APPLICABLE
DET	DETECTABLE	NAB	NATIONAL AMERICAN VERTICAL DATUM
DFE	DESIGN FLOOD ELEVATION	ND	NORTHBOUND
DGN	DESIGN	NE	NORTHEAST
DHW	DESIGN HIGH WATER	NEVA	NATIONAL ELECTRIC MANUFACTURES
DHWE	DESIGN HIGH WATER ELEVATION	NGMA	NATIONAL GEODETIC VERTICAL DATUM
DHWL	DESIGN HIGH WATER LEVEL	NHW	NORMAL HIGH WATER
DI	DIP INLET	NIC	NOT IN CONTRACT
DIM	DIMENSION	NO	NUMBER
DIST	DISTANCE	NOM	NOMINAL
DR	DRIVE	NORM	NORMAL
DRWY	DRIVEWAY	NTS	NOT TO SCALE
DS	DESIGN SPEED	NW	NORTHWEST
DSWT	DRY SEASON WATER TABLE	NWL	NORMAL WATER LEVEL
DT	DITCH	OBG	OPTIONAL BASE GROUP
DWG	DRAWING	OA	OVERALL
E	EAST	OC	ON CENTER
EOP	EDGE OF PAVEMENT	OD	OUTSIDE DIAMETER
EA	EACH	OE	OVERHEAD ELECTRIC
EB	EASTBOUND	OH	OVERHEAD
EL	ELEVATION	OPT	OPTIONAL
ELAST	ELASTOMERIC	OT	OVERHEAD TELEPHONE
ELEC	ELECTRIC	PAR	PARALLEL
ELLIP	ELLIPTICAL	PAVT	PAVEMENT
EMBED	EMBEDMENT	PC	POINT OF CURVATURE
EMBK	EMBANKMENT	PCBC	PRECAST CONCRETE BOX CULVERT
ENCL	ENCLOSURE	PCE	PERMANENT CONSTRUCTION EASEMENT
ENGR	ENGINEER	PE	PROFESSIONAL ENGINEER
EQ	EQUAL	PED	PEDESTRIAN
EQUIP	EQUIPMENT	PEN	

REINFORCED CONCRETE PIPE
RCP REINFORCED CONCRETE PIPE ARCH
ROAD ROAD
RDSO ROADSIDE
RDWY ROADWAY
REC RECREATIONAL
RECT RECTILINE
REF REFERENCE
REFL REFLECTIVE
REG REGISTERED
REINF REINFORCED
RELOC RELOCATED
REM REMOVAL
RED REDUCER
REDU REDUCER
REPL REPLACE
REQ REQUIRED
RES RESIDENCES OR RESIDENTIAL
RE-USE MAN OR REFERENCE MONUMENT
RM REFERENCE POINT
RPM RAISED REFLECTIVE PAVEMENT MARKERS
RR RAILROAD
RSF RSURFACE
SAN SANITARY
SB SOUTHBOUND
SCH SCHEDULE
SD STORMDRAIN
SE SEASTHEAST
SECT SECTION
SED SEDIMENT
SEP SEPARATION
SG SUBGRADE
SHT SHEET
SHLDR SHOULDER
SHW SEASONAL HIGH WATER
SINT SEASONAL HIGH WATER TABLE
SUP SUPER PAVE
SPEC SPECIFICATION
SQ SQUARE
SQA SQUARE FOOT
SQ IN SQUARE INCH
SY SQUARE YARD
STR STATE ROAD
SS SANITARY SEWER OR STAINLESS STEEL
ST STREET
STA STATION
STAB STABILIZATION
STB STAKED TURBIDITY BARRIER
STD STANDARD
STGE STORAGE
STL STEEL
STR STRUCTURE
STY STRY
SUB SUB SOIL
SUBST SUBSTITUTE
SUPPTS SUPPORTS
SUR SURVEY
SURF SURFACE
SW SIDEWALK OR SOUTHWEST
SWMA STORM WATER MANAGEMENT AREA
SYM SYMMETRICAL
SYS SYSTEM
TWP TOWNSHIP
TAN TANGENT
TC TANGENT TO CURVE
TCE TEMPORARY CONSTRUCTION EASEMENT
TEL TELEPHONE
TEMP TEMPORARY
TK TRUCK
THICK THICKNESS
TIS TRAFFIC IMPACT STATEMENT
TN TON
TOB TOP OF BANK
TOE TOE OF SLOPE
TRAF TRAFFIC
TREAT TREATMENT
TW TOP OF WALL
TYE TYE
UE UTILITY EASEMENT
UG UNDERGROUND
UL UNDERWRITERS LABORATORIES
UNDR UNDER DRAIN
USGS UNITED STATES GEOLOGICAL SERVICE
UTIL UTILITIES
ULV ULTRAVIOLET
V VOLT
VAR VARIES
VC VERTICAL CURVE
VT VITRIFIED CLAY PIPE
VEH VEHICLE
VERT VERTICAL
VOL VOLUME
VW VARIABLE WIDTH
W WIDTH OR WATT
W/ WITH
WB WESTBOUND
WM WATER MAIN
WSWT WET SEASON WATER TABLE
WT WATER TABLE
WV WELDED WIRE FABRIC
WWR WELDED WIRE REINFORCING
X CROSSING
XN CROSS SECTION
YD YARD
YR YEAR

NOTE:
1. ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE TO FIELD LOCATE HORIZONTAL & VERTICAL LOCATION PRIOR TO CONSTRUCTION.
2. IT SHALL BE THE DEVELOPERS' RESPONSIBILITY TO PROTECT ALL COUNTY AND FLORIDA DEPARTMENT OF TRANSPORTATION OWNED AND MAINTAINED FACILITIES. ANY/ALL COSTS ASSOCIATED WITH ALTERATIONS, RELOCATION OR REPAIRS MADE NECESSARY BY THIS DEVELOPMENT SHALL BE BORNE BY EITHER THE OWNED DEVELOPER AND/OR CONTRACTOR. SPLICES IN THE FIBER OPTIC CABLE OR THE ADDITION OF ADDITIONAL PULL/JUNCTION BOXES WILL NOT BE PERMITTED. IN THE EVENT A CABLE IS CUT, DAMAGED OR REQUIRES RELOCATION, THE CABLE(S) SHALL BE RESTORED BACK TO THE ORIGINAL CONFIGURATION. ORIGINAL CONFIGURATION IS DEFINED AS SYSTEM STATUS, LAYOUT AND DESIGN PRIOR TO ANY WORK COMMENCING.
3. A LIGHTING DISTRICT RIGHT OF WAY USE PERMIT WILL BE REQUIRED FOR ANY WORK ASSOCIATED WITH INSPECTION, RELOCATION OR THE REPAIR OF ANY EXISTING COUNTY OWNED AND MAINTAINED FACILITY WITHIN THE SR 77 PUBLIC RIGHTS-OF-WAY. SPECIFIC STIPULATIONS OR CONDITIONS WILL BE IMPOSED AT THE TIME OF PERMIT APPLICATION. IN THE EVENT COUNTY OWNED FACILITIES REQUIRE ALTERATIONS, RELOCATION AND/OR REPAIR, THAT WORK WILL BE PERFORMED BY CHARLOTTE COUNTY FORCES OR FORCES CONTRACTED BY OR APPROVED BY CHARLOTTE COUNTY TO MAKE THE NECESSARY CORRECTIONS. EITHER THE OWNER, DEVELOPER AND/OR CONTRACTOR WILL POST A CHECK IN AN AMOUNT SUFFICIENT TO COVER MENTIONED COSTS OR THE COSTS NEEDED TO INSPECT WORK TO ENSURE WORK PERFORMED WITHIN THE RIGHT-OF-WAY IS PERFORMED IN ACCORDANCE WITH AND ACCEPTABLE TO COUNTY AND FDOT STANDARDS. AN ESTIMATED AMOUNT WILL BE CALCULATED BASED UPON THE TYPE OF WORK REQUIRED. SHOULD THE COSTS TO ALTER, RELOCATE, REPAIR OR IMPROVE EXISTING ESTIMATED AND POSTED AMOUNT, THE PERMIT HOLDER BY ACCEPTANCE OF THE PERMIT CONDITIONS, WILL BE CHARGED AND AGREE TO REIMBURSE CHARLOTTE COUNTY, ANY ADDITIONAL COSTS INCURRED. NO WORK SHALL COMMENCE UNTIL THIS CHECK IS POSTED AND NO CO WILL BE GIVEN UNTIL ANY OUTSTANDING MONIES DUE THE COUNTY ARE SETTLED.

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH FLORIDA DEPT. OF TRANSPORTATION (F.D.O.T.) STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, CURRENT EDITION.
2. THE CONTRACTOR SHALL SUPPLY SATISFACTORY DENSITY TESTS OF SUBGRADE & LIME/ROCK BASE MATERIALS TO THE ENGINEER PRIOR TO PAYMENT &/OR FINAL ACCEPTANCE. ONE TEST PER COURSE FOR 600 SQUARE YARDS.
3. ALL REINFORCED CONCRETE PIPE (RCP) CULVERTS SHALL MEET ASTM C 76, CLASS III, TYPE "B" WALL FOR ROUND PIPE & MEET ASTM C 507, TABLE 1 FOR ELLIPTICAL PIPE & OTHERWISE BE INSTALLED & MANUFACTURED IN ACCORDANCE WITH F.D.O.T. SECTIONS 430 & 941.
4. CONTRACTOR SHALL PROVIDE & MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS, CURRENT EDITION & THE FEDERAL HIGHWAY ADMINISTRATION'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
5. CONTRACTOR SHALL SEED & MULCH ALL DISTURBED AREAS & OTHERWISE RESTORE ALL AREAS TO EXISTING CONDITION OR BETTER.
6. ALL PAVEMENT STRIPING TO BE TWO COATS OF HEAVY DUTY ACRYLIC BASED TRAFFIC PAINT.
7. ALL TRAFFIC SIGNS TO BE DRIVEN STEEL POST TYPE GROUND SIGNS IN ACCORDANCE WITH F.D.O.T. INDEX DRAWINGS 11860 & 11863 (80 M.P.H. WIND LOAD) & F.D.O.T. SPECIFICATIONS SECTION 700-HIGHWAY SIGNING.
8. ALL WORK SHOWN BY INDEX NO. SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS CURRENT EDITION

1. ALL EXISTING ELEVATIONS IN PLAN SET ARE IN NAVD 88 DATUM.
2. ALL PROPOSED ELEVATIONS ARE IN NAVD 88 DATUM.
3. CONTRACTOR SHALL MAINTAIN A CURRENT AND UPDATED SET OF AS-BUILT DRAWINGS AT ALL TIMES AND PROVIDE ONE COPY TO THE ENGINEER UPON COMPLETION OF CONSTRUCTION.
4. ALL BACKFILL SHALL BE COMPACTED IN STRICT ACCORDANCE WITH THE BEDDING DETAILS.
5. CONTRACTOR SHALL COORDINATE ALL WORK IN THE COUNTY RIGHT-OF-WAY WITH THE CHARLOTTE COUNTY D.O.T.&E.
6. ALL REINFORCED CONCRETE PIPE (RCP) CULVERTS SHALL MEET ASTM C 116, CLASS III, TYPE "B" WALL FOR ROUND PIPE AND MEET ASTM 507, TABLE I FOR ELLIPTICAL PIPE AND OTHERWISE BE INSTALLED AND MANUFACTURED IN ACCORDANCE WITH F.D.O.T. SECTIONS 430.941.
7. ALL ROOF TOP DRAINS ARE TO BE DIRECTED TO DRAINAGE AREA.
8. CONTRACTOR SHALL SOD OR SEED & MULCH ALL DISTURBED AREAS ON-SITE AND OTHERWISE RESTORE ALL AREAS TO EXISTING CONDITION OR BETTER.
9. SOD ALL SWALE AND TREATMENT AREAS.
10. CONTRACTOR SHALL SOD ALL DISTURBED AREAS WITHIN THE COUNTY RIGHT-OF-WAY
11. THE GRADES REPRESENT THE FINISHED GRADE ON TOP OF THE SOD
12. A RIGHT-OF-WAY USE PERMIT WILL BE REQUIRED FOR ALL WORK WITHIN RIGHT-OF-WAY.
13. SHOP DRAWINGS ARE REQUIRED FOR ALL STRUCTURES.
14. THE PROPOSED MITERED END SECTIONS WITHIN COUNTY RIGHT OF WAY, SHALL EXTEND BEYOND THE PROPOSED EDGE OF PAVEMENT A MINIMUM OF 6'-0".
15. CONTRACTOR RESPONSIBLE FOR WATERING AND MOWING OF SOD PLACED IN THE COUNTY ESTABLISHMENT AND FINAL ACCEPTANCE BY THE COUNTY.
16. CURB ELEVATIONS SHOWN ARE FOR THE LOW SIDE OF THE CURB UNLESS OTHERWISE NOTED.
17. ALL SLOPES TO BE 4:1 MAXIMUM. (CURRENT UNLESS OTHERWISE)
18. ALL WORK SHOWN BY INDEX NO. (DESIGN STANDARDS/STANDARD PLANS) SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION OR FDOT DESIGN MANUAL, LATEST EDITION.

SCHEDULE OF BMP IMPLEMENTATION:

1. INSTALL ALL TEMPORARY BMP MEASURES PRIOR TO START OF CONSTRUCTION.
2. INSTALL ALL PERMANENT BMP MEASURES IMMEDIATELY AFTER FINAL GRADING.
3. REMOVE TEMPORARY BMP FEATURES AS APPLICABLE.

1. THIS PROJECT PRESENTS NO ADVERSE IMPACTS ON LOCAL GROUNDS OR SURFACE WATERS, AND DOES NOT ADVERSELY IMPACT THE FLOOD ZONE.
2. THIS SITE CAN BE USED FOR THE DEVELOPMENT AS SHOWN. WITHOUT UNIQUE DANGER FROM FLOOD, ADVERSE SOIL, AND/OR FOUNDATION CONDITIONS, SUBJECT TO PROPER GEOTECHNICAL INVESTIGATION, SITE DESIGN, AND STRUCTURE DESIGN.
3. THE PROJECT DOES NOT IMPACT ANY KNOWN UNMITIGATED WETLANDS.
4. NO KNOWN ARCHAEOLOGICAL SITES EXIST WITHIN THE PROJECT AREA.
5. THE CONTRACTOR SHALL SUMP BATHYMETRIC SURVEY ON ALL LAKES GREATER THAN 12' DEEP PRIOR TO FINAL ACCEPTANCE.

1. SURVEY LOCATION INFORMATION PROVIDED BY BANKS ENGINEERING.
2. A SEPARATE RIGHT-OF-WAY USE PERMIT WILL BE REQUIRED FOR A
 2.1. THE WORK WILL BE CONSIDERED A "STANDARD" OF-AY. SPECIFIC STIPULA
 CONDITIONS WILL BE IMPOSED A THE TIME OF PERMIT APPLICATION.
3. ALL SIDEWALKS SHALL MEET ADA STANDARDS.
4. ALL SIDEWALKS SHALL NOT EXCEED 2% CROSS SLOPE.
5. ALL ELEVATIONS SHOWN ARE IN NAVD 88, TO CONVERT ELEVATIONS
 NGVD 1929: +11.12 FEET CONVERSION FACTOR.

PROPERTY AREA:	125.93 AC	(100%)	
PROJECT AREA (DRAINAGE BASIN):	98.67 AC	(78.4%)	(100%)
RESIDENTIAL TRACTS:	57.30 AC	(58.1%)	
LAKES:	22.07 AC	(22.3%)	
PRIVATE RIGHT OF WAY	11.63 AC	(11.8%)	
COMMON OPEN AREA (GREEN SPACE):	6.64 AC	(6.7%)	
AMENITY IMPROVEMENT AREA:	0.74 AC	(0.8%)	
AMENITY OPEN AREA:	0.29 AC	(0.3%)	
OPEN GREEN SPACE:	18.48 AC	(14.7%)	
PRESERVATION AREA:	8.78 AC	(7.0%)	(100%)
WETLAND PRESERVE (WL-1):	2.33 AC	(26.5%)	
UPLAND PRESERVE (OSW-1):	6.45 AC	(73.5%)	

PARCEL LIES IN FLOOD ZONES X, 8AE
FEMA FLOOD MAPS 12015C0040F DATED 5/5/2003,
12015C0202F DATED 5/5/2003, 12015C0043F DATED 5/5/2003,
12015C0206F DATED 5/5/2003.

SINGLE FAMILY DETACHED (52'X130')	233
SINGLE FAMILY ATTACHED VILLAS (72'X130' 2 UNITS/LOT)	<u>122</u>
TOTAL UNITS:	355

DESCRIPTION	SINGLE FAMILY DETACHED	SINGLE FAMILY ATTACHED VILLAS
REQUIRED PARKING	2 / UNIT	2 / UNIT
MIN. LOT REQUIREMENT (SQ. FT.)	5,000	3,200
MAX. PERCENTAGE OF LOT COVERAGE (%)	60	70
MIN. WIDTH (FT.)	50	35
MIN. FRONT YARD (FT.)	20	20
MIN. SIDE YARD INTERIOR (FT.)	5	5/0**
MIN. SIDE YARD ABUTTING A ROAD (FT.)	15	15
MAX. BUILDING HEIGHT (FT.)	38	38
MIN. REAR YARD ABUTTING A LOT (FT.)	10	10
MIN. REAR YARD ABUTTING WATER (FT.)	15	15
MIN. REAR YARD ABUTTING A ROAD (FT.)	15	15
SETBACK FOR ACCESSORY STRUCTURE FROM REAR LOT LINE (FT.)	SAME AS PRINCIPAL BUILDING	
SETBACK FOR ACCESSORY STRUCTURE FROM SIDE YARD (FT.)	SAME AS PRINCIPAL BUILDING	
SETBACK FOR ACCESSORY STRUCTURE ABUTTING A ROAD (FT.)	SAME AS PRINCIPAL BUILDING	
SETBACK FOR ACCESSORY STRUCTURE ABUTTING WATER (FT.)	SAME AS PRINCIPAL BUILDING	

NOTE:
** SINGLE FAMILY ATTACHED WILL HAVE 0' SIDE SETBACK ON ONE SIDE.

SINGLE FAMILY RESIDENTIAL

REQUIRED: 2.0 SPACES PER DWELLING UNIT
(358 UNITS) X (2.0)
= 716 SPACES

PROVIDED: 2.0 SPACES PER DWELLING UNIT
(358 UNITS) X (2.0)
= 716 SPACES

TOTAL REQUIRED SPACES:	716 SPACES
TOTAL PROVIDED SPACES:	716 SPACES

PARKING FOR THE PROJECT AMENITY AREA WILL BE DETERMINED AND PROVIDED ONSITE AT THE TIME OF FINAL SITE PLAN APPROVAL.

LAKE ID	A	CONTROL ELEVATION	100Y24H	25Y24H	TOB	TOB AREA
	(acres)	(ft) NAVD	(ft) NAVD	(ft) NAVD	(ft) NAVD	(acres)
LAKE A	0.48	5.00	8.35	7.77	8.66	1.04
LAKE B	1.76	5.00	8.25	7.73	8.58	2.31
LAKE C	2.71	6.50	8.33	7.84	7.84	3.04
LAKE D	1.06	6.50	8.46	7.94	7.94	1.18
LAKE E	0.55	6.50	8.47	7.95	8.77	0.67
LAKE F	7.39	6.50	8.09	7.71	7.71	7.92
LAKE G	2.52	6.50	7.83	7.57	8.25	2.6
LAKE H	1.48	6.50	7.6	7.42	8.04	1.73
LAKE I	1.03	6.50	7.52	7.29	7.52	1.13
LAKE J	3.09	5.50	6.24	5.89	6.25	3.28

COMMON OPEN AREA (GREEN SPACE): 25.35 AC
LAKES: 22.07 AC
OPEN HABITAT SPACE: 9.72 AC
AMENITY OPEN AREA: 0.29 AC

OPEN SPACE = (COMMON OPEN AREA + LAKES + OPEN HABITAT SPACE + AMENITY OPEN AREA) / PROPERTY AREA
= (25.12 AC + 22.07 AC + 9.72 AC + 0.29) / 125.93 AC
= 45.4%

REQUIRED: 5% OF PROJECT AREA=
(125.93 AC x 0.05) = 6.30 AC

PROVIDED: OPEN HABITAT SPACE ÷ PROPERTY AREA
(9.72 ÷ 125.93) = 7.7%

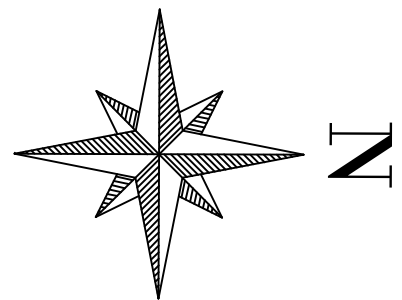
	EXISTING	PROPOSED
DRAINAGE PIPE		
DRAINAGE STRUCTURES		
FINISHED FLOOR ELEVATION	N/A	
ON-SITE STORM STRUCTURE NUMBER	N/A	
OFF-SITE STORM STRUCTURE NUMBER	N/A	
SPOT GRADE ELEVATION		
TOP OF BERM		
RUBBLE RIP-RAP		
PAVEMENT		
PAVEMENT TO BE REMOVED		N/A
CONCRETE		
RIGHT-OF-WAY		
CURB		
EASEMENT		
SWALE/DITCH		
TOP OF BANK		
LAKE		
STORMWATER MANAGEMENT AREA (DRY)		
WETLANDS		
PROPERTY LINE		
POTABLE WATER LINE	E8"W	8"W
FORCE MAIN	E8"F	8"F
SANITARY SEWER MAIN	E8"SS	8"SS
IRRIGATION WATER MAIN	E8"i	8"i
REUSE WATER MAIN	E8"RU	8"RU
GATE VALVE		
REDUCER		
BLOW-OFF		
AIR RELEASE VALVE		
FIRE HYDRANT ASSEMBLY		
SINGLE WATER SERVICE		
DOUBLE WATER SERVICE		
SINGLE IRRIGATION SERVICE		
DOUBLE IRRIGATION SERVICE		
SINGLE SEWER SERVICE		
DOUBLE SEWER SERVICE		
SANITARY MANHOLE & ID		
LIFT STATION & ID		

**PRIOR TO EXCAVATION CONTACT
SUNSHINE STATE ONE - CALL OF
FLORIDA
1 (800) 432 - 4770**

CONTRACTOR SHALL SUBMIT FOR N.P.D.E.S. PERMIT
A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
PERMIT APPLICATION SHALL BE SUBMITTED TO:
N.P.D.E.S. STORMWATER NOTICES CENTER, MS # 2510,
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE ROAD,
TALLAHASSEE, FLORIDA
32399-2400

RECORD INFORMATION SHOWN [IN BRACKETS]
PROVIDED BY BANKS ENGINEERING

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE
3-25-19	4272	_PN&L	RWP	DCT	CWR	N/A



0 160' 320' 500'
GRAPHIC SCALE 1"= 160 FT

BISCAYNE LANDING

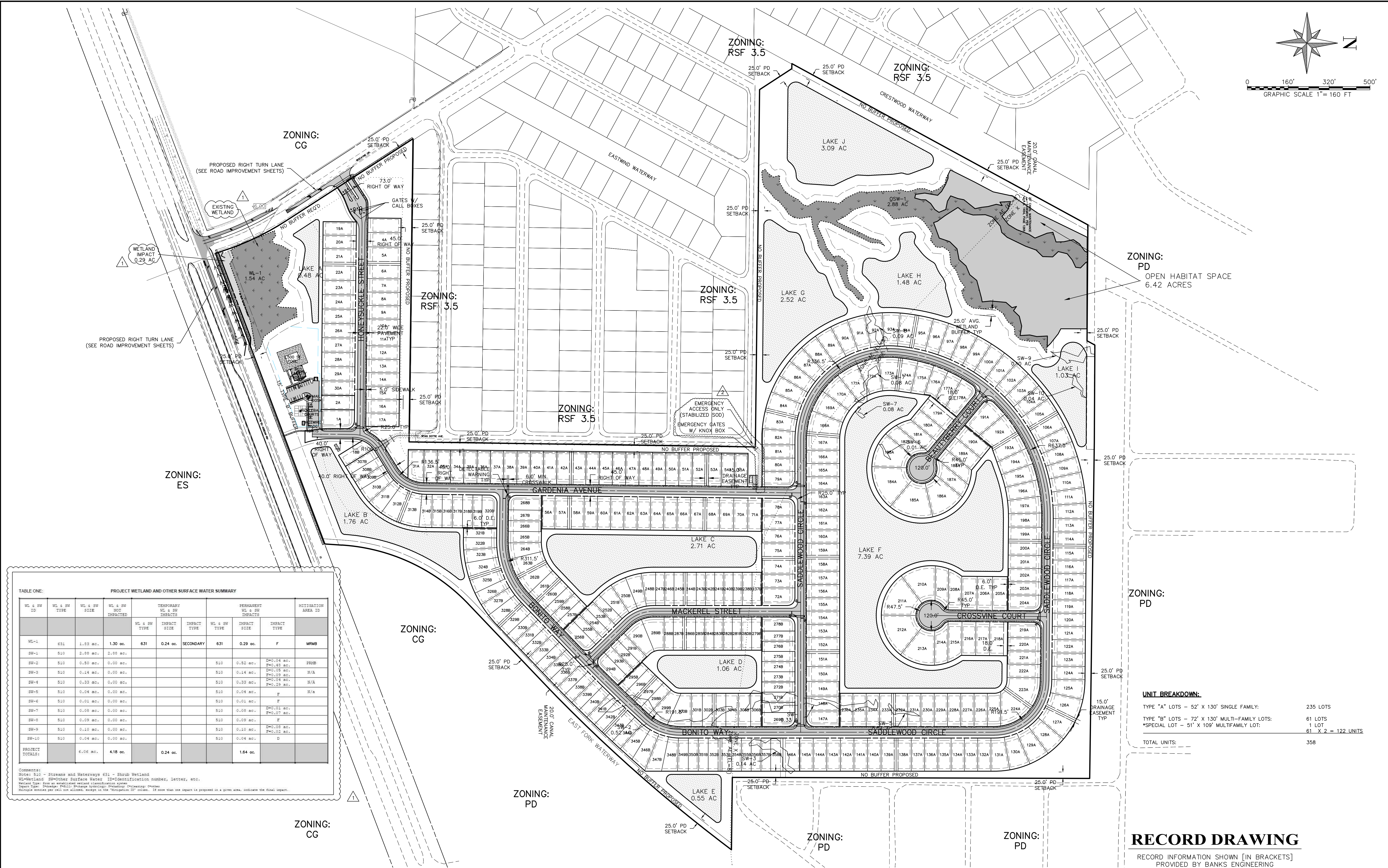


TABLE ONE: PROJECT WETLAND AND OTHER SURFACE WATER SUMMARY									
WL & SW ID	WL & SW TYPE	WL & SW SIZE	WL & SW NOT IMPACTED	TEMPORARY WL & SW IMPACTS		PERMANENT WL & SW IMPACTS		MITIGATION AREA ID	
				WL & SW TYPE	IMPACT TYPE	WL & SW TYPE	IMPACT TYPE	IMPACT TYPE	
WL-1	631	1.53 ac.	1.30 ac.	631	0.24 ac. SECONDARY	631	0.29 ac.	F	MRMB
SW-1	510	2.89 ac.	2.89 ac.			510	0.52 ac.	D=0.04 ac. F=0.48 ac.	SRMB
SW-2	510	0.50 ac.	0.00 ac.			510	0.14 ac.	D=0.05 ac. F=0.09 ac.	N/A
SW-3	510	0.14 ac.	0.00 ac.			510	0.33 ac.	D=0.04 ac. F=0.29 ac.	N/A
SW-4	510	0.33 ac.	0.00 ac.			510	0.04 ac.	F	N/A
SW-5	510	0.04 ac.	0.00 ac.			510	0.01 ac.	F	N/A
SW-6	510	0.01 ac.	0.00 ac.			510	0.08 ac.	D=0.01 ac. F=0.07 ac.	
SW-7	510	0.09 ac.	0.00 ac.			510	0.09 ac.	F	
SW-8	510	0.09 ac.	0.00 ac.			510	0.10 ac.	D=0.06 ac. F=0.04 ac.	
SW-9	510	0.10 ac.	0.00 ac.			510	0.04 ac.	D	
SW-10	510	0.04 ac.	0.00 ac.			510			
PROJECT TOTALS:		6.06 ac.	4.18 ac.		0.24 ac.		1.64 ac.		

Comments:
Note: 510 - Streams and Waterways 631 - Shrub Wetland
WL=Wetlands SW=Other Surface Waters ID=Identification number, letter, etc.
Wetland Type: From an aerial/ground-based classification system.
Impact Type: (Shaded) Potential Impact (Unshaded) No Impact
Mitigation measures per lot are allowed, except in the "Mitigation ID" column. If more than one impact is proposed in a given area, indicate the final impact.

UNIT BREAKDOWN:	
TYPE "A" LOTS - 52' X 130' SINGLE FAMILY:	235 LOTS
TYPE "B" LOTS - 72' X 130' MULTI-FAMILY LOTS:	61 LOTS
*SPECIAL LOT - 51' X 109' MULTIFAMILY LOT:	61 X 2 = 122 UNITS
TOTAL UNITS:	358

RECORD DRAWING

RECORD INFORMATION SHOWN [IN BRACKETS]
PROVIDED BY BANKS ENGINEERING

PREPARED FOR:

LENNAR HOMES, LLC
10481 SIX MILE CYPRESS PARKWAY
FORT MYERS, FL 33966
PHONE: 239-931-4778

BANKS ENGINEERING
Professional Engineers, Planners, & Land Surveyors
Serving The State Of Florida

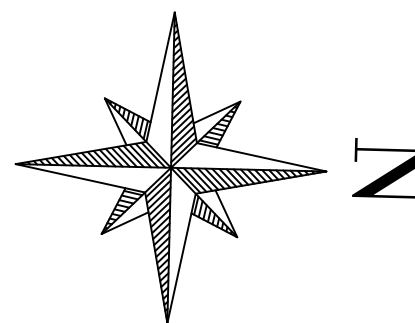
4161 TAMiami TRAIL - BLDG 5 UNIT 501
PORT CHARLOTTE, FLORIDA 33952
PHONE: (941) 625-1165 FAX: (941) 625-1149
ENGINEERING LICENSE # EB 6469
SURVEY LICENSE # LB 6690
WWW.BANKSENG.COM

RYAN W. POWERS, P.E.
FL LIC. NO. 82437

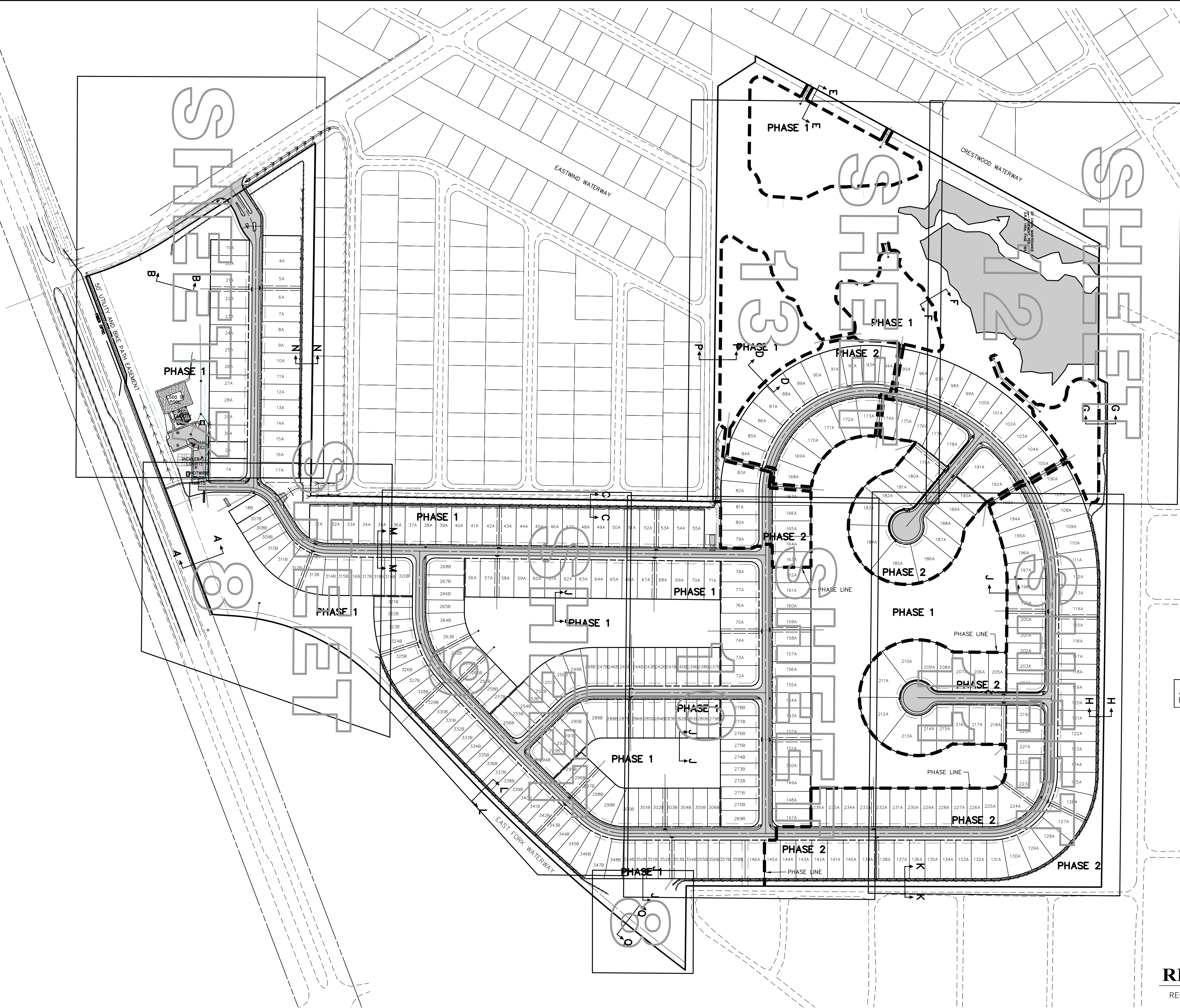
SITE DEVELOPMENT PLAN
BISCAYNE LANDING
CHARLOTTE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
3-25-19	4272	_SDP	RWP	DCT	CWR	1" = 160'	5

S:\BANKS\4272\ENGINEERING\REC-INFO\SITE\4272 - 06 - SDP.DWG 3/17/2022 2:12 PM TODD VANA



0 160' 320' 500'
GRAPHIC SCALE 1"= 160 FT



ALL ELEVATIONS SHOWN ARE IN NAVD 88, TO CONVERT ELEVATIONS INTO NGVD 1929: +1.12 FEET CONVERSION FACTOR.

- NOTE:
1. ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE TO FIELD LOCATE HORIZONTAL & VERTICAL LOCATION PRIOR TO CONSTRUCTION.
 2. IT SHALL BE THE DEVELOPERS RESPONSIBILITY TO PROTECT ALL COUNTY OWNED &/OR MAINTAINED INFRASTRUCTURES. ANY/ALL COSTS ASSOCIATED WITH ALTERATIONS, RELOCATIONS OR REPAIRS MADE NECESSARY BY THE DEVELOPMENT SHALL BE BORNE BY EITHER THE OWNER, DEVELOPER &/OR CONTRACTOR. SPLICES IN THE ROADWAY LIGHTING CONDUCTORS OR THE ADDITION OF THE ADDITIONAL PULL/JUNCTION BOXES WILL NOT BE PERMITTED IN THE EVENT A CABLE IS CUT, DAMAGED, OR REQUIRES RELOCATION, THE CABLE(S) SHALL BE RESTORED BACK TO THE ORIGINAL CONFIGURATION. ORIGINAL CONFIGURATION IS DEFINED AS SYSTEM STATUS, LAYOUT & DESIGN PRIOR TO ANY WORK COMMENCING.

RECORD DRAWING

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PREPARED FOR:

LENNAR HOMES, LLC
10481 SIX MILE CYPRESS PARKWAY
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PHONE: 239-931-4778

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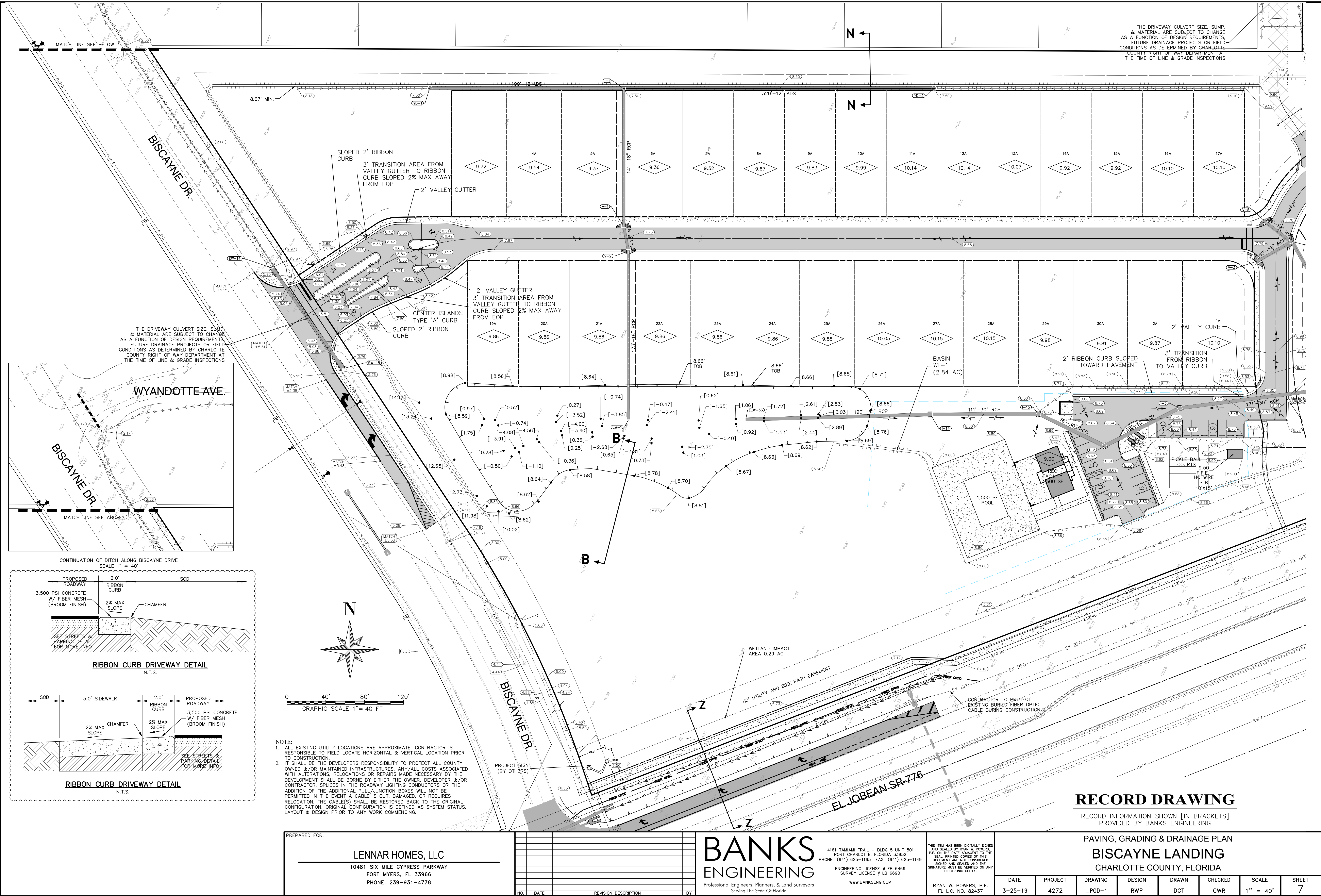
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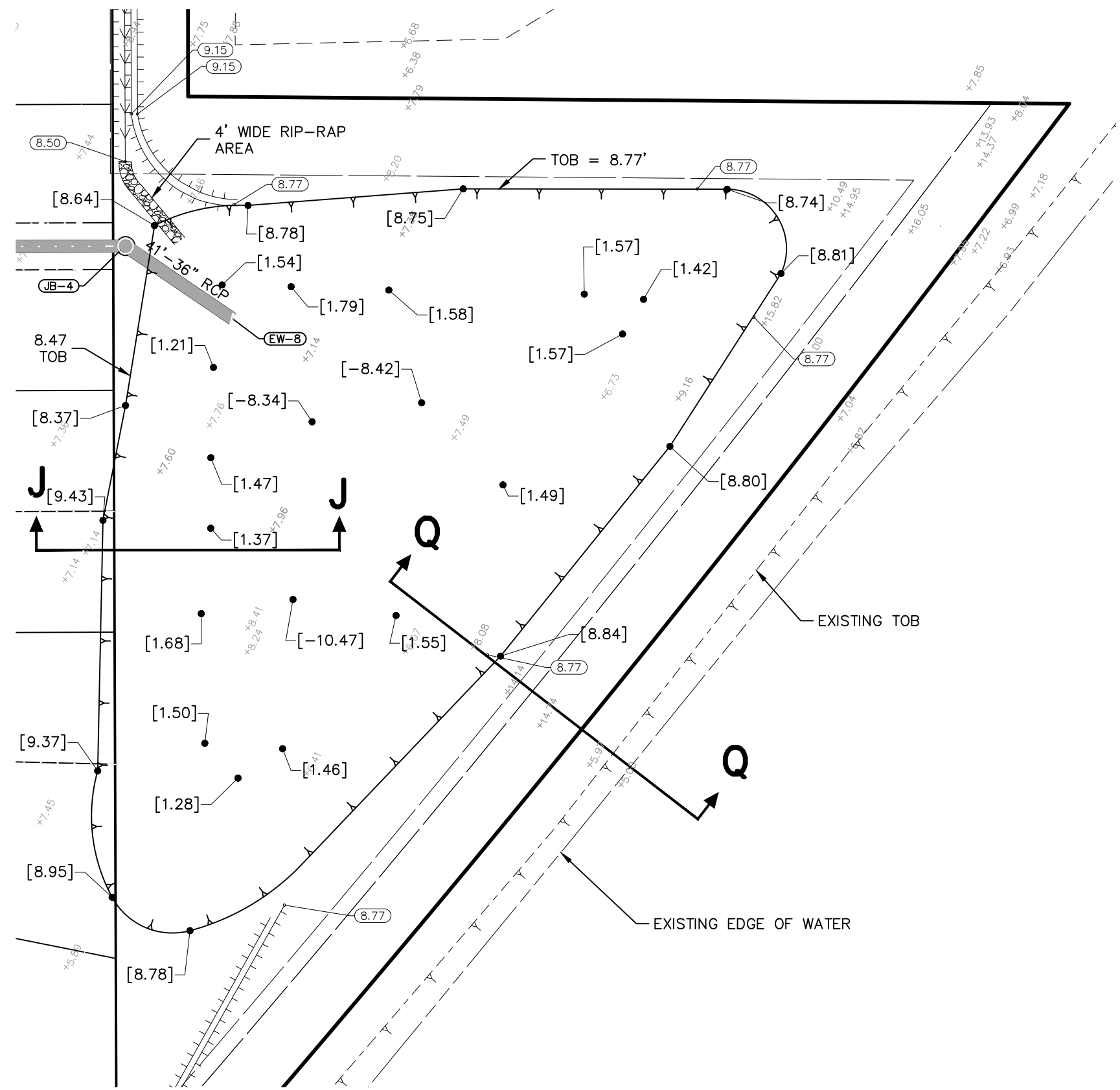
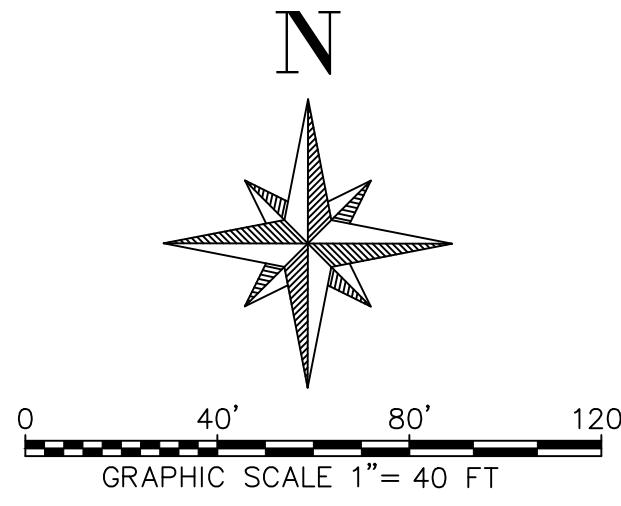
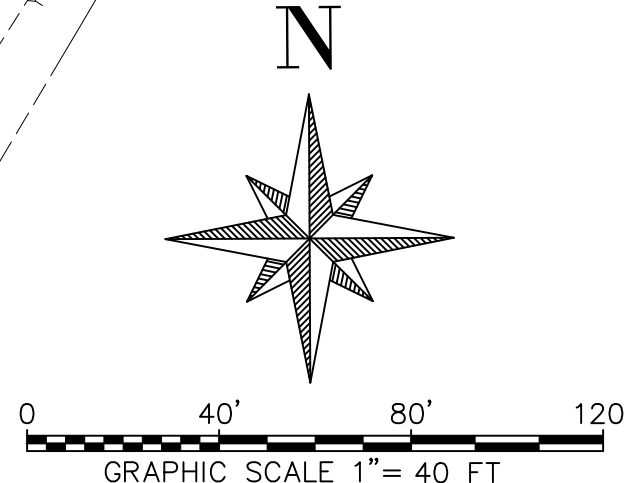
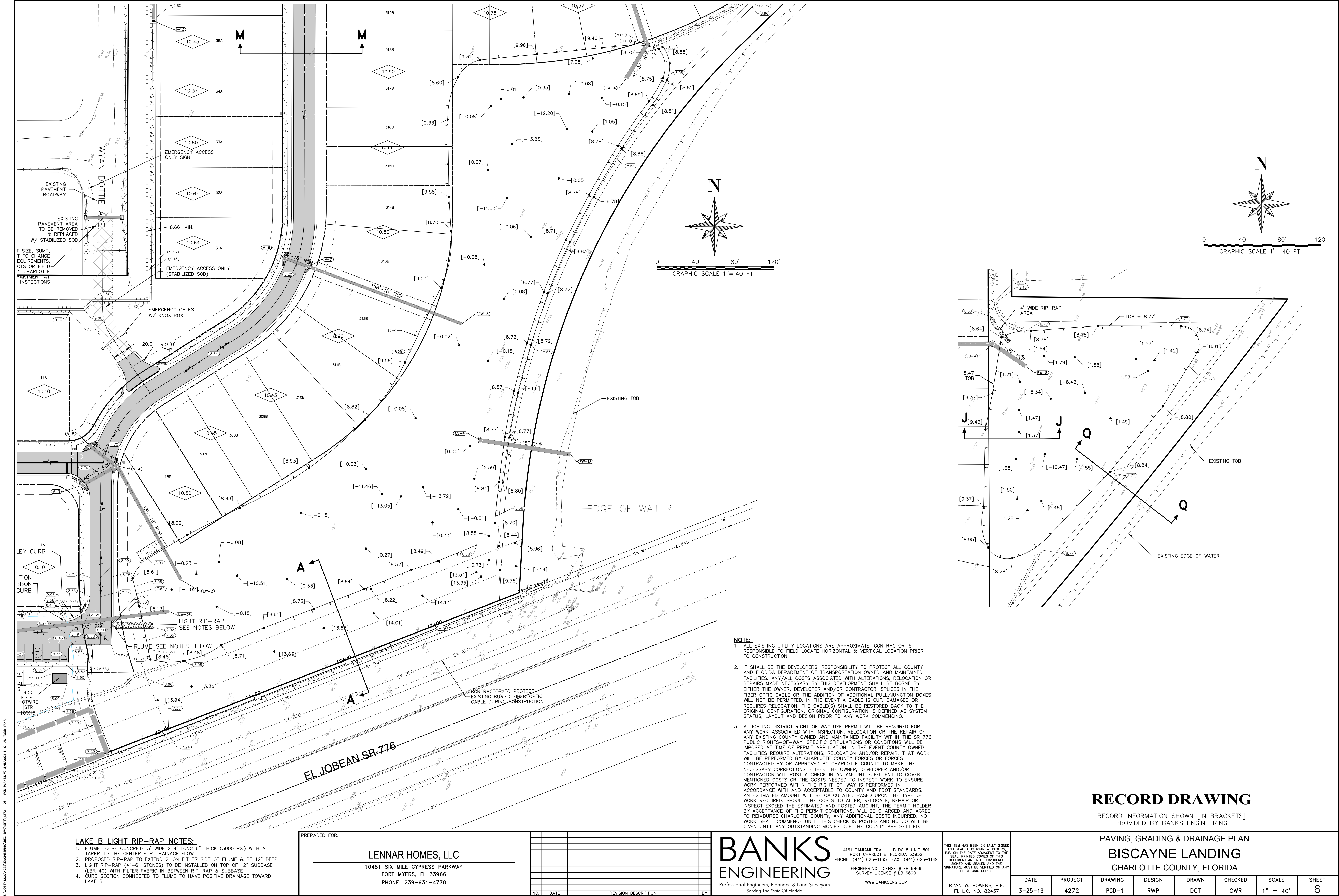
MASTER PAVING, GRADING AND DRAINAGE PLAN
BISCAYNE LANDING
CHARLOTTE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
3-25-19	4272	_MPGD	RWP	DCT	CWR	1" = 160'	6

S:\JAMES\2024\2427\ENGINEERING\REC-DRAW\2427 - 08 - PGD PLAN\DWG 8/2/2024 11:00 AM 2427.WDA



S:\JOBS\2024\4272\UNIFORMS\REC-DRAW\4272 - 08 - PGD PLANS\DWG 8/2/2024 11:01 AM 1000 WANA



LAKE B LIGHT RIP-RAP NOTES:
1. FLUME TO BE CONCRETE 3' WIDE X 4' LONG 6" THICK (3000 PSI) WITH A TAPER TO THE CENTER FOR DRAINAGE FLOW
2. PROPOSED RIP-RAP TO EXTEND 2' ON EITHER SIDE OF FLUME & BE 12" DEEP
3. LIGHT RIP-RAP (4"-6" STONES) TO BE INSTALLED ON TOP OF 12" SUBBASE (LBR 40) WITH FILTER FABRIC IN BETWEEN RIP-RAP & SUBBASE
4. CURB SECTION CONNECTED TO FLUME TO HAVE POSITIVE DRAINAGE TOWARD LAKE B

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10481 SIX MILE CYPRESS PARKWAY
FORT MYERS, FL 33966
PHONE: 239-931-4778

NO.	DATE	REVISION DESCRIPTION	BY

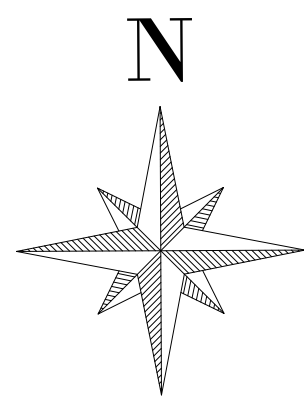
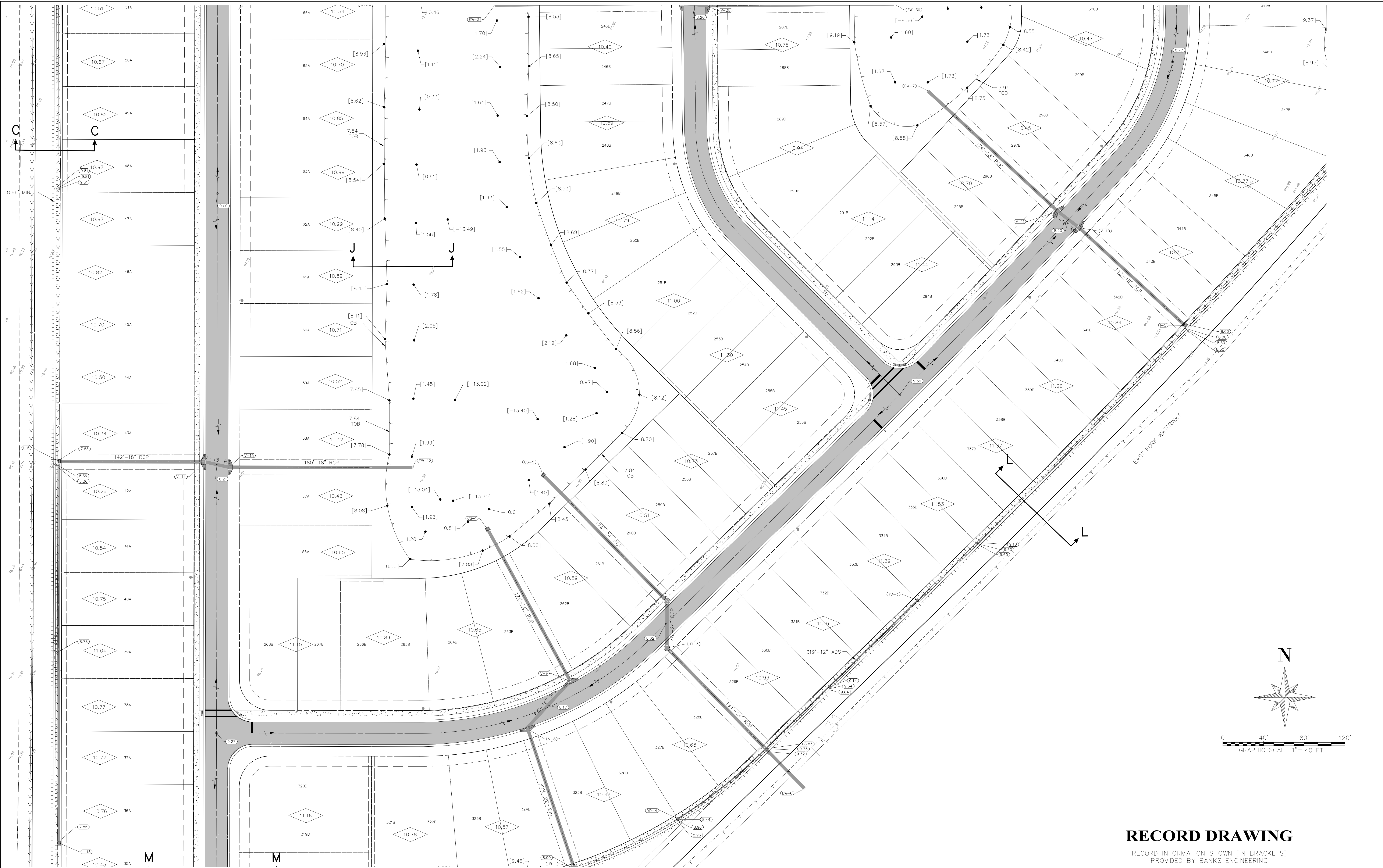
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BISCAYNE LANDING									
CHARLOTTE COUNTY, FLORIDA									
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET		
3-25-19	4272	_PGD-1	RWP	DCT	CWR	1" = 40'	8		

S:\JOBS\2024\1427\ENGINEERING\REC-DWG\1427 - 08 - FID PLAN\DWG 6/2/2021 11:01 AM 1020 WVA



0 40' 80' 120'
GRAPHIC SCALE 1"= 40' FT

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PAVING, GRADING & DRAINAGE PLAN
BISCAYNE LANDING
CHARLOTTE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
3-25-19	4272	_PGD-1	RWP	DCT	CWR	1" = 40'	9

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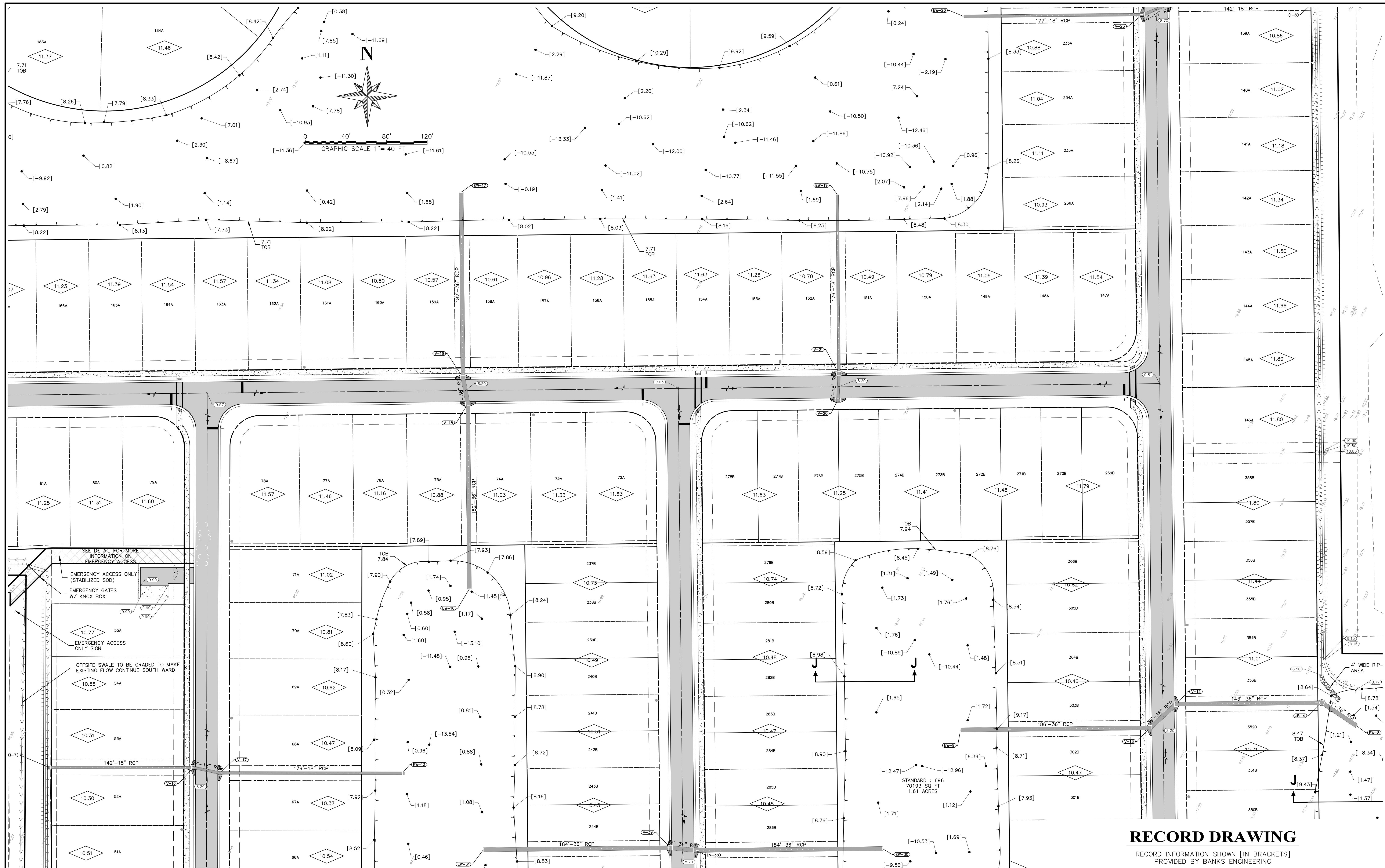
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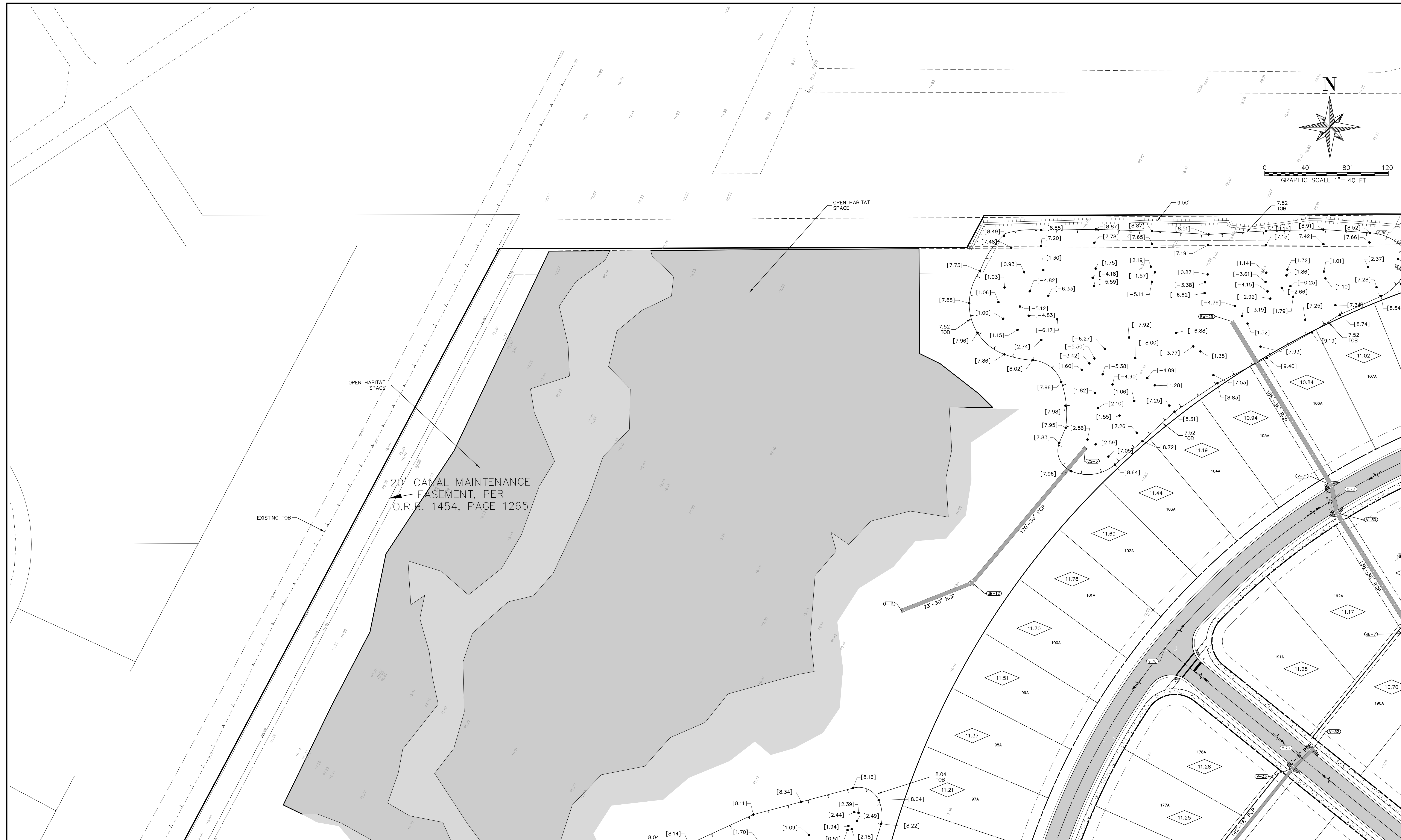
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PAVING, GRADING & DRAINAGE PLAN
BISCAYNE LANDING
CHARLOTTE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
3-25-19	4272	_PGD-1	RWP	DCT	CWR	1" = 40'	10



RECORD DRAWING

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PAVING, GRADING & DRAINAGE PLAN

BISCAYNE LANDING

CHARLOTTE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
3-25-19	4272	_PGD-1	RWP	DCT	CWR	1" = 40'	12

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[illegible]

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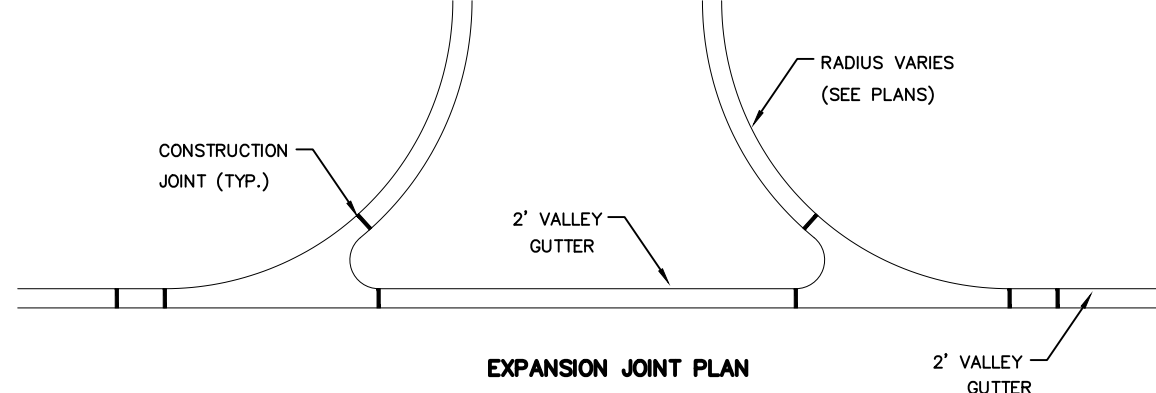
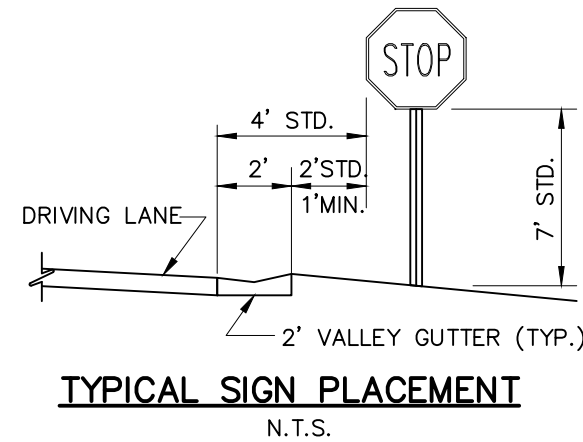
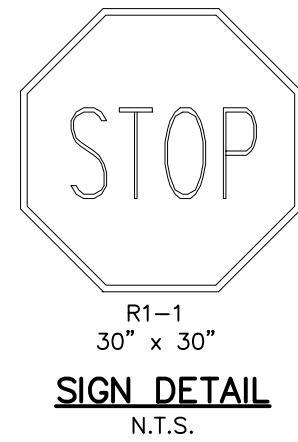
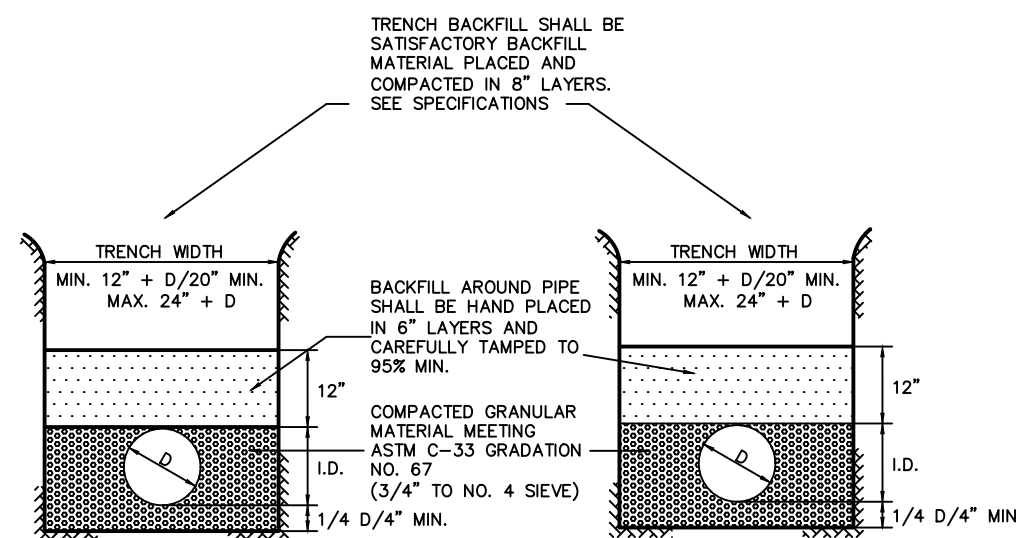
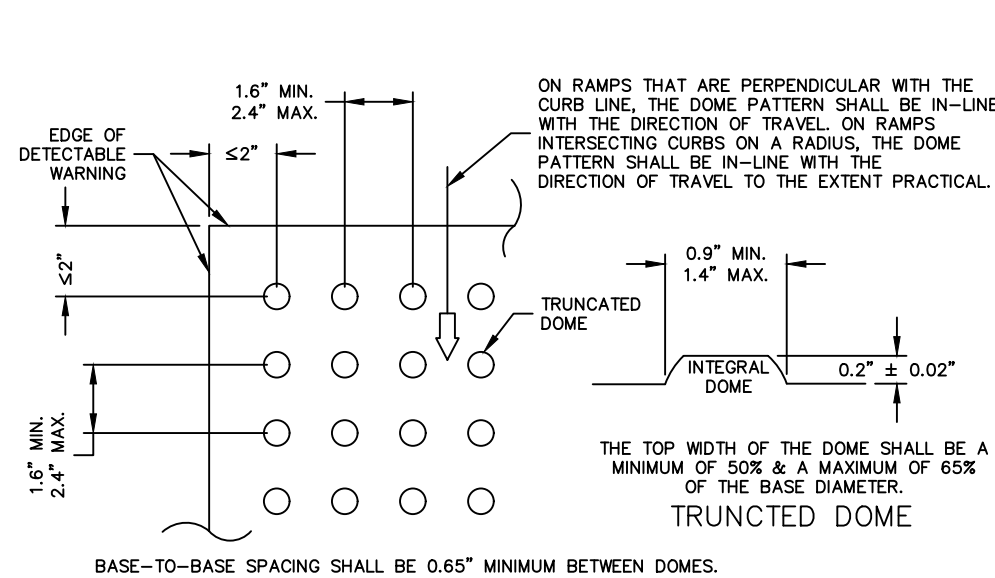
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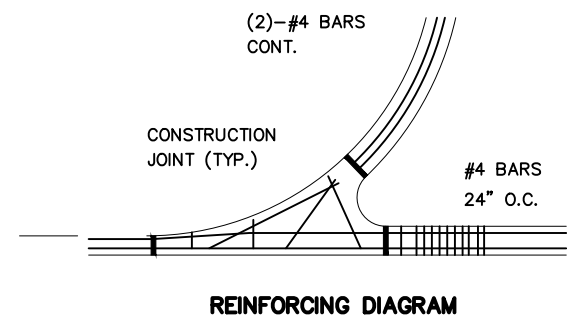
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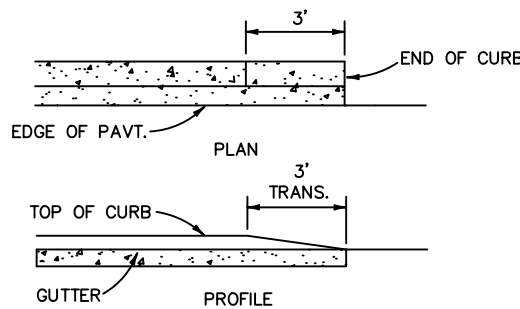
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FL LIC. NO. 82437



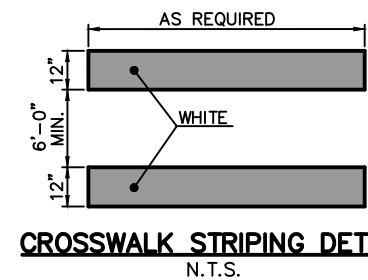
- CONCRETE CURB JOINTS:
1. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS, UNLESS OTHERWISE NOTED.
 2. AN EXPANSION JOINT WILL BE PLACED AT THE END OF ALL RETURNS AT INTERVALS NOT TO EXCEED 50' WITH CONTRACTION JOINTS AT 10' INTERVALS BETWEEN.
 3. PVC SLIP JOINTS SHALL BE CONSTRUCTED TO PERMIT EXPANSION AND CONTRACTION OF STEEL ACROSS JOINT.
 4. EXPANSION JOINTS SHALL BE CONSTRUCTED WITH 1/2\"/>



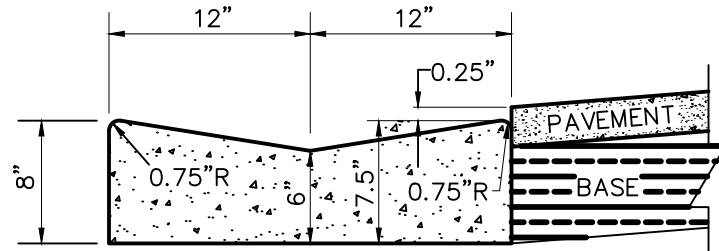
- REINFORCING NOTES:
- 1) REINFORCING BARS TO BE PLACED A MINIMUM OF 2\"/>



CURB & GUTTER ENDING DETAIL
N.T.S.

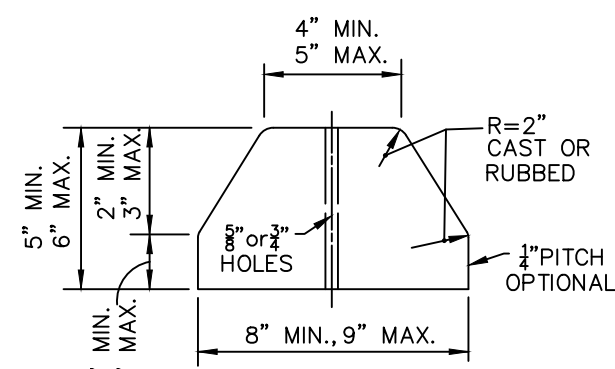


- NOTES:
- 1) TRAFFIC STRIPE LOCATION TO BE IN ACCORDANCE WITH F.D.O.T. DETAIL 17346.
 - 2) TRAFFIC STRIPE MATERIAL TO BE IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 710.



- NOTES:
- 1) CONCRETE TO BE F.D.O.T. CLASS I OR EQUAL (2,500 PSI MINIMUM STRENGTH).
 - 2) CONSTRUCTION TO BE IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 520.

STANDARD 2' CONCRETE
VALLEY GUTTER DETAIL
NOT TO SCALE

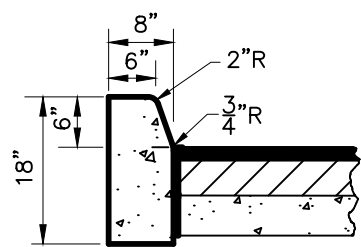


NOTE: CONCRETE TO BE 2,500 PSI STRENGTH MINIMUM.

WHEEL STOP DETAIL
N.T.S.

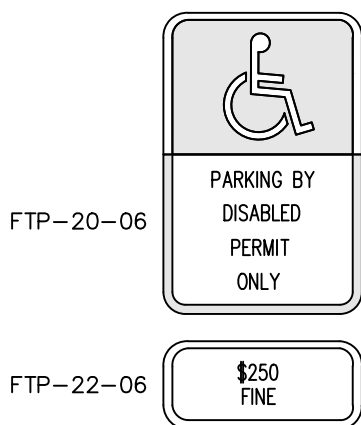


- NOTES:
- 1) TRAFFIC STRIPE LOCATION TO BE IN ACCORDANCE WITH F.D.O.T. DETAIL 17346.
 - 2) TRAFFIC STRIPE MATERIAL TO BE IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 710.

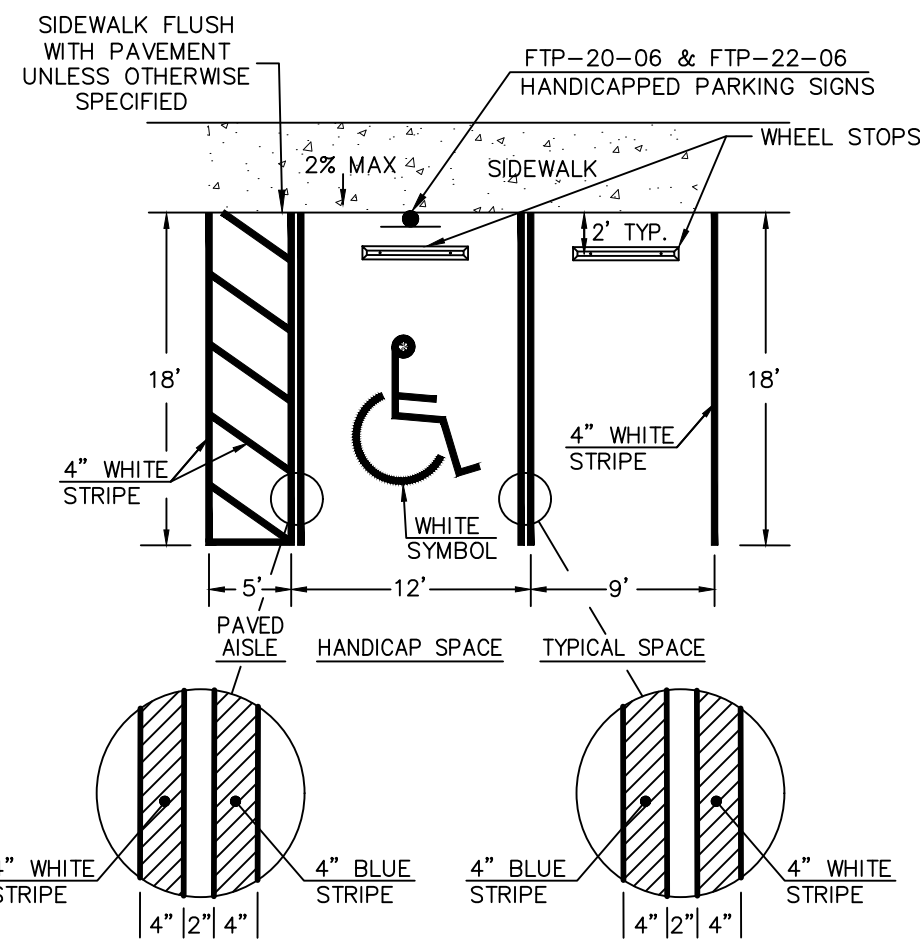


- NOTES:
1. CONCRETE TO BE F.D.O.T. CLASS I OR EQUAL. (2,500 PSI MINIMUM STRENGTH).
 2. CONSTRUCTION TO BE IN ACCORDANCE WITH F.D.O.T. SPECIFICATION SECTION 520.

TYPE "D" CURB DETAIL
N.T.S.

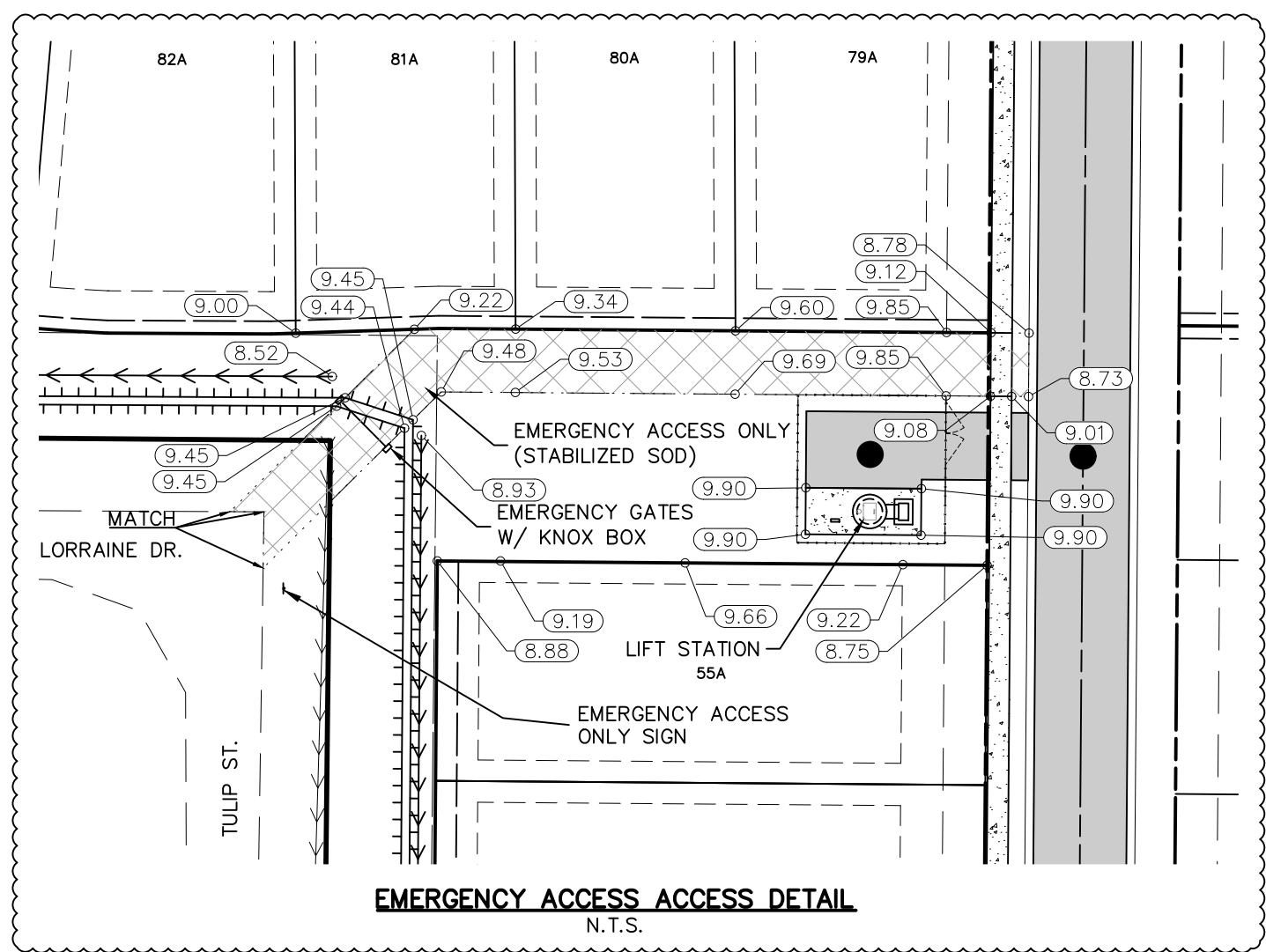


FTP-20-06 & FTP-22-06
HANDICAP PARKING SIGNS
N.T.S.

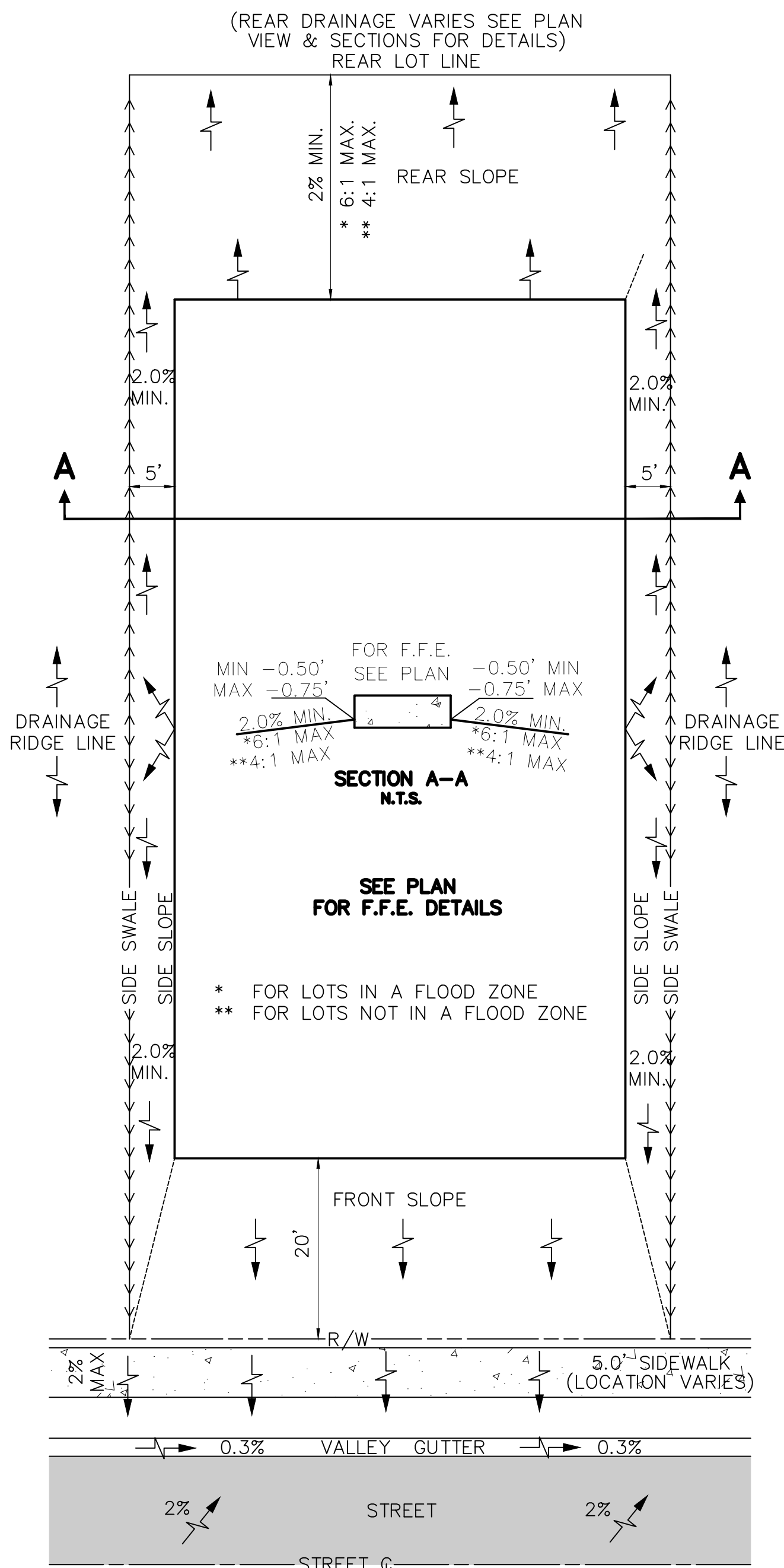


- NOTE:
1. HANDICAP PARKING SPACE AND ACCESS AISLE SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION.
 2. ALL STRIPING TO BE HEAVY DUTY ACRYLIC BASED TRAFFIC PAINT.
 3. PARKING SPACE AND ACCESS AISLE MEASUREMENTS ARE ESTABLISHED FROM THE CENTER OF THE MARKINGS AS SHOWN ABOVE.

PARKING SPACE DETAIL
N.T.S.



EMERGENCY ACCESS ACCESS DETAIL
N.T.S.



TYPICAL SPLIT LOT GRADING DETAIL
NOT TO SCALE

RECORD DRAWING

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PAVING, GRADING & DRAINAGE DETAILS
BISCAYNE LANDING
CHARLOTTE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
3-25-19	4272	_PGD-DT-1	RWP	DCT	CWR	N.T.S.	15

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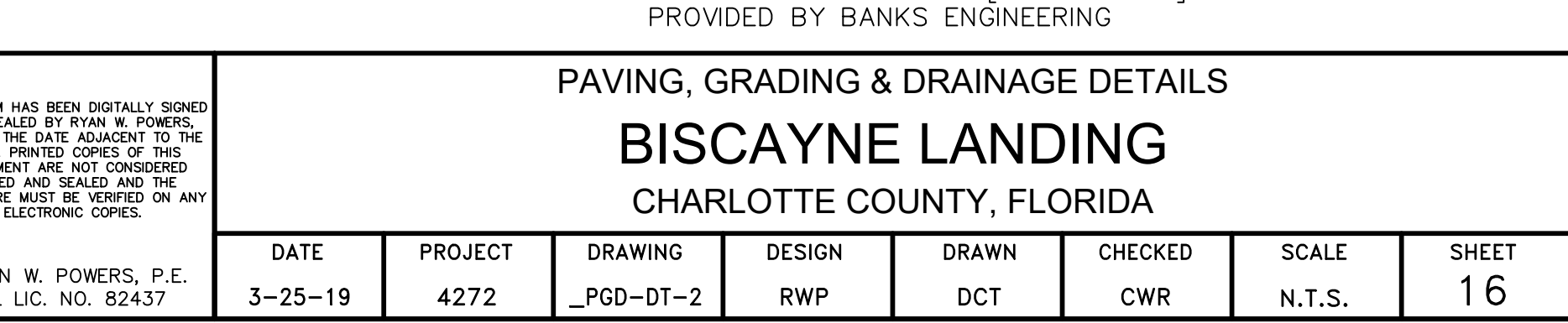
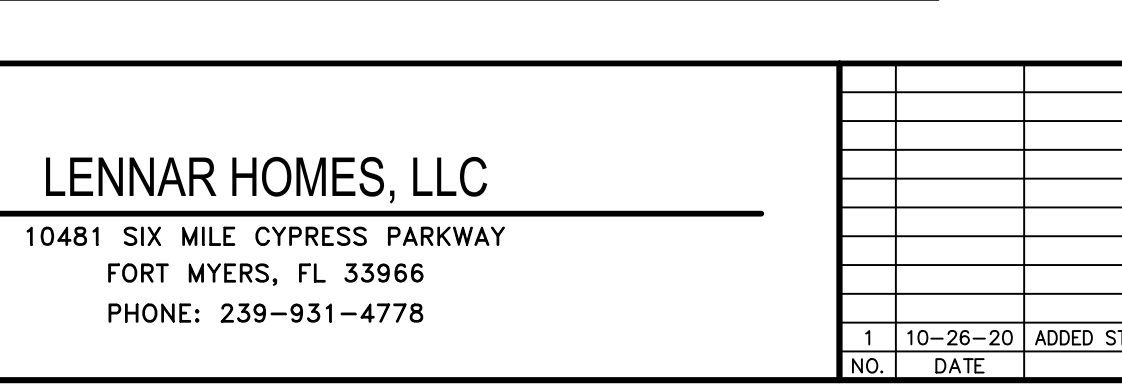
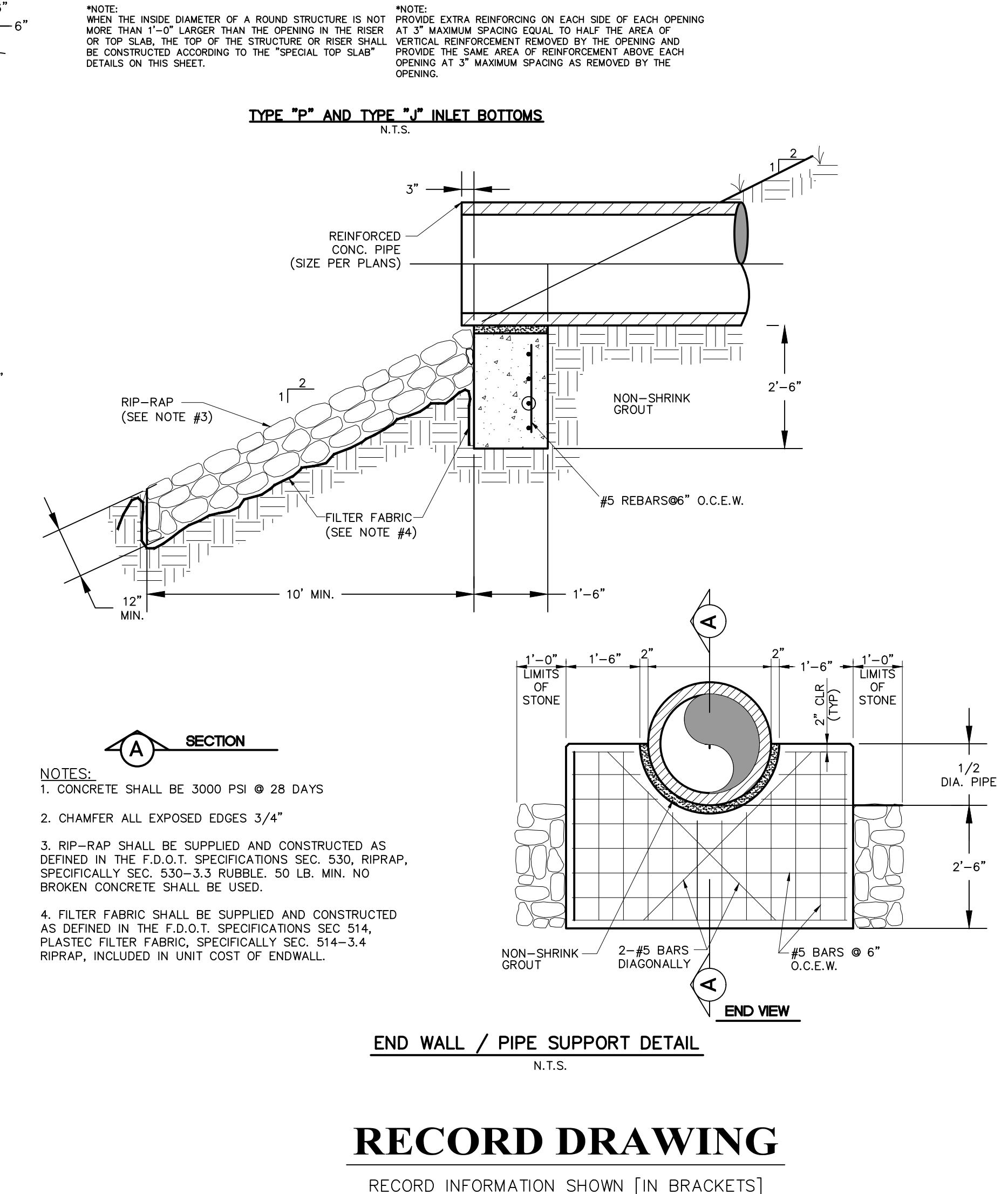
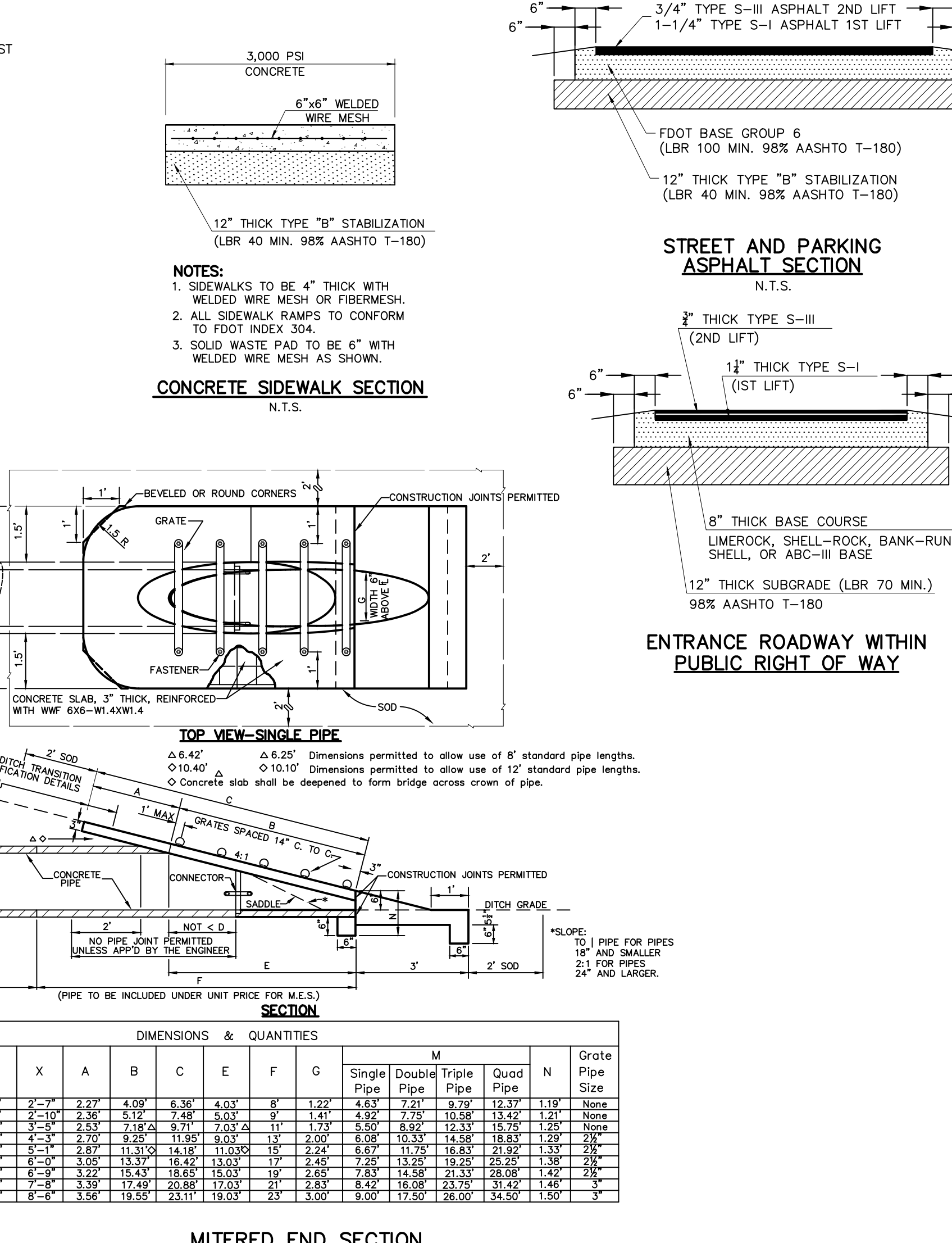
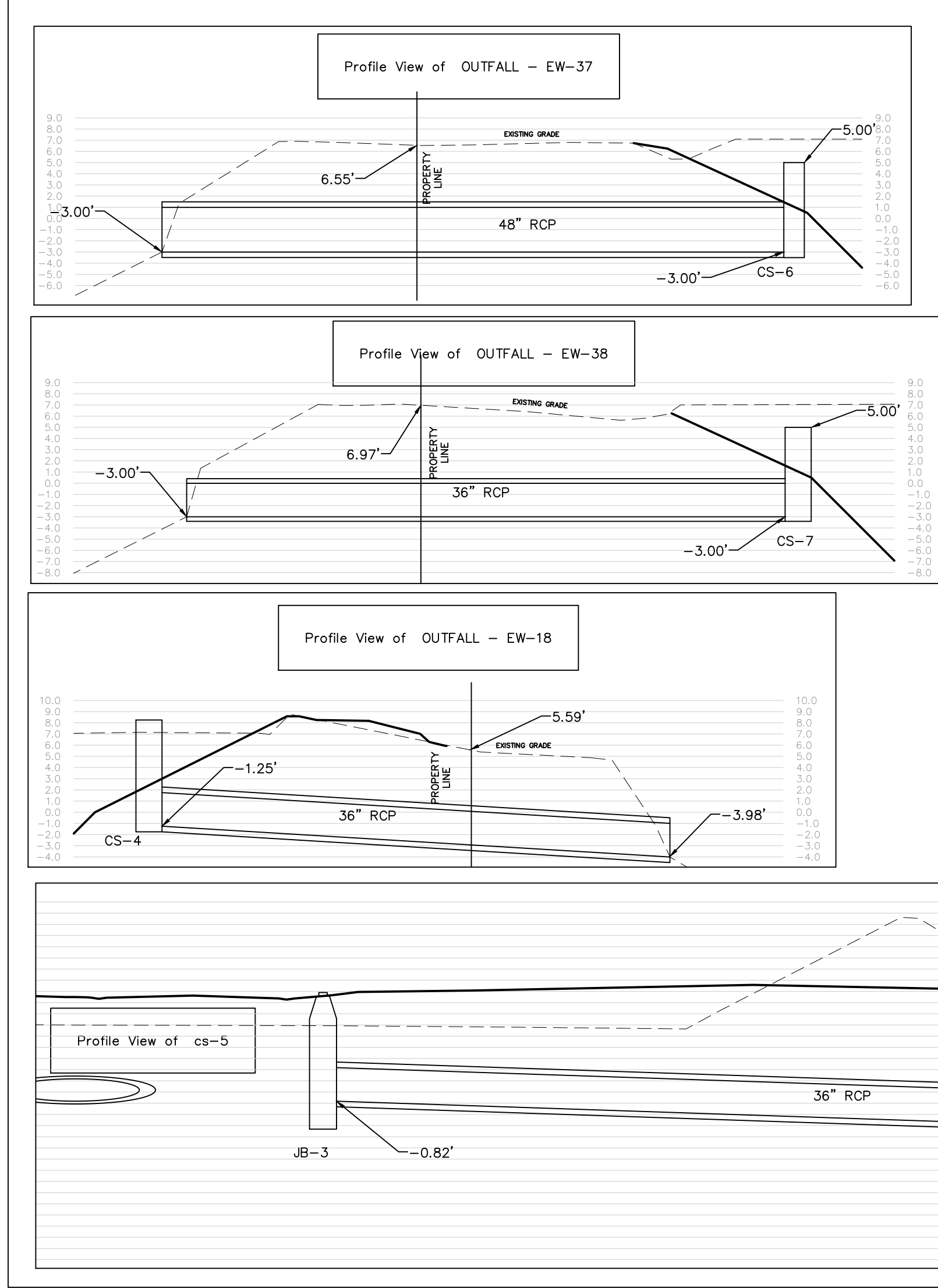
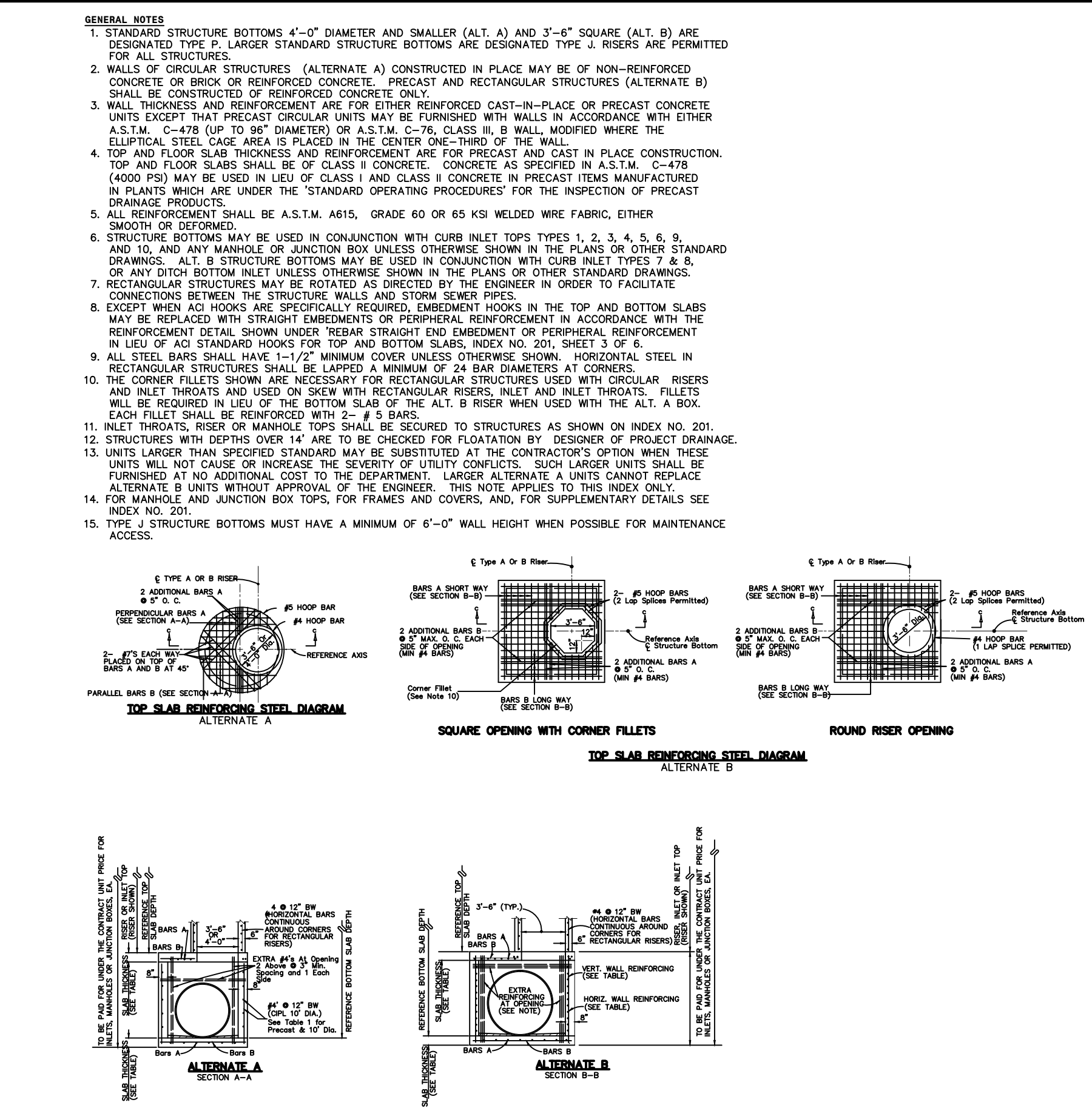
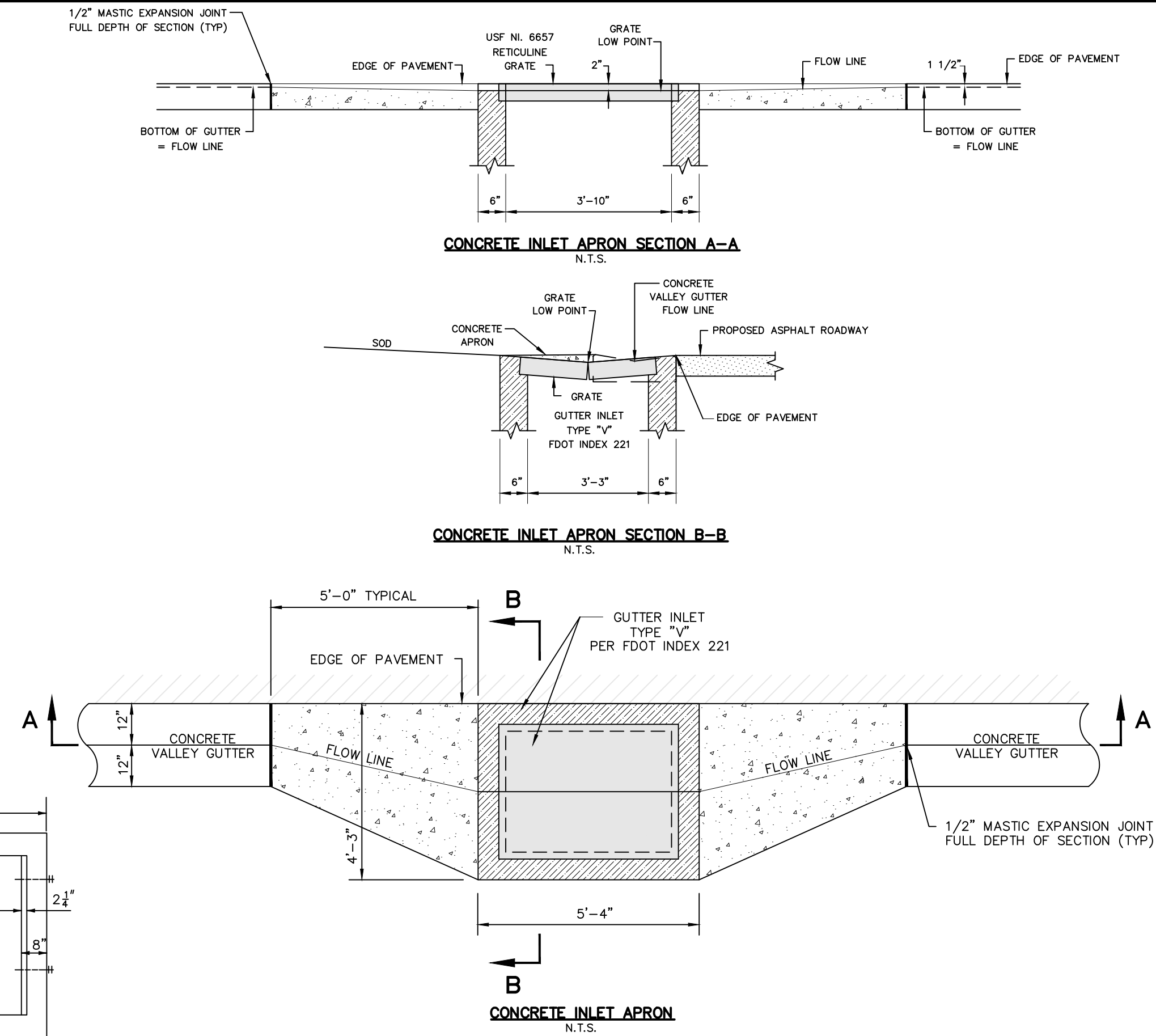
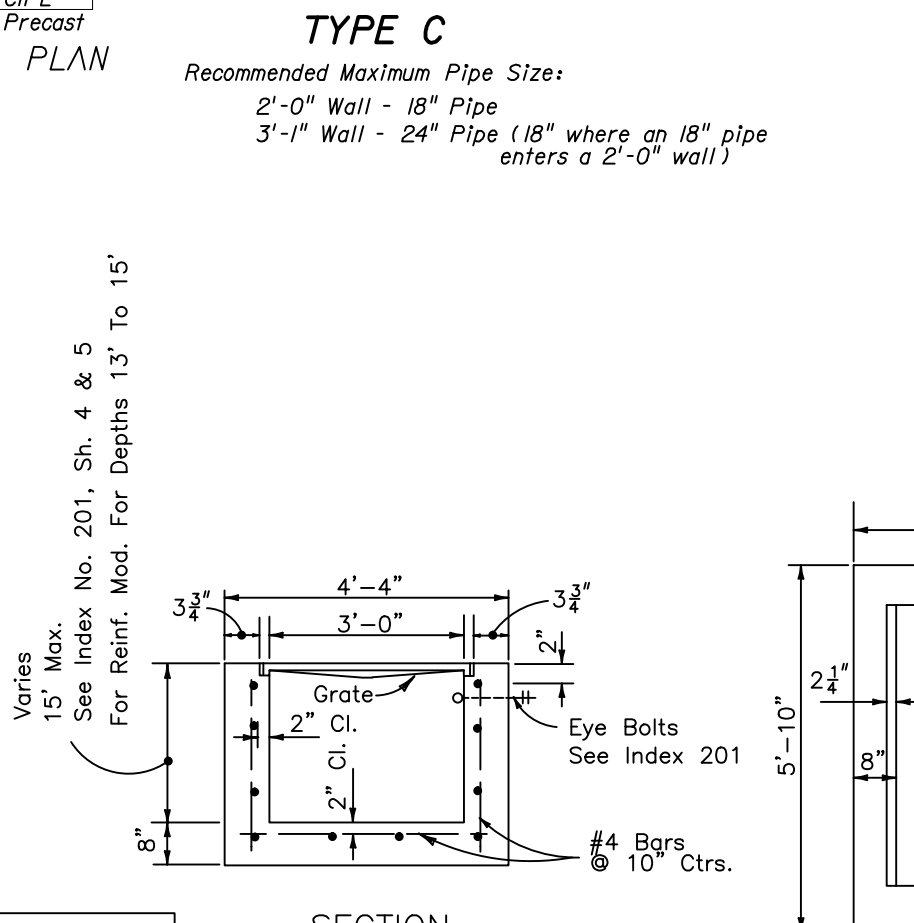
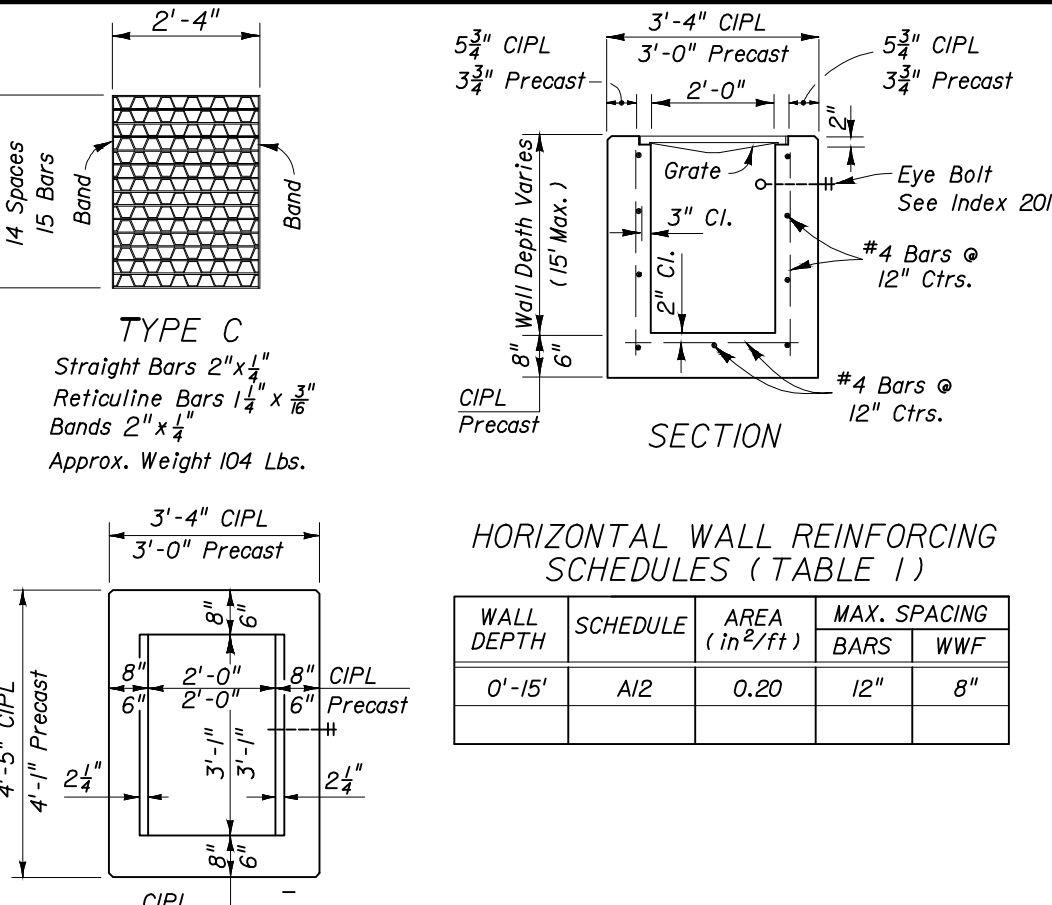
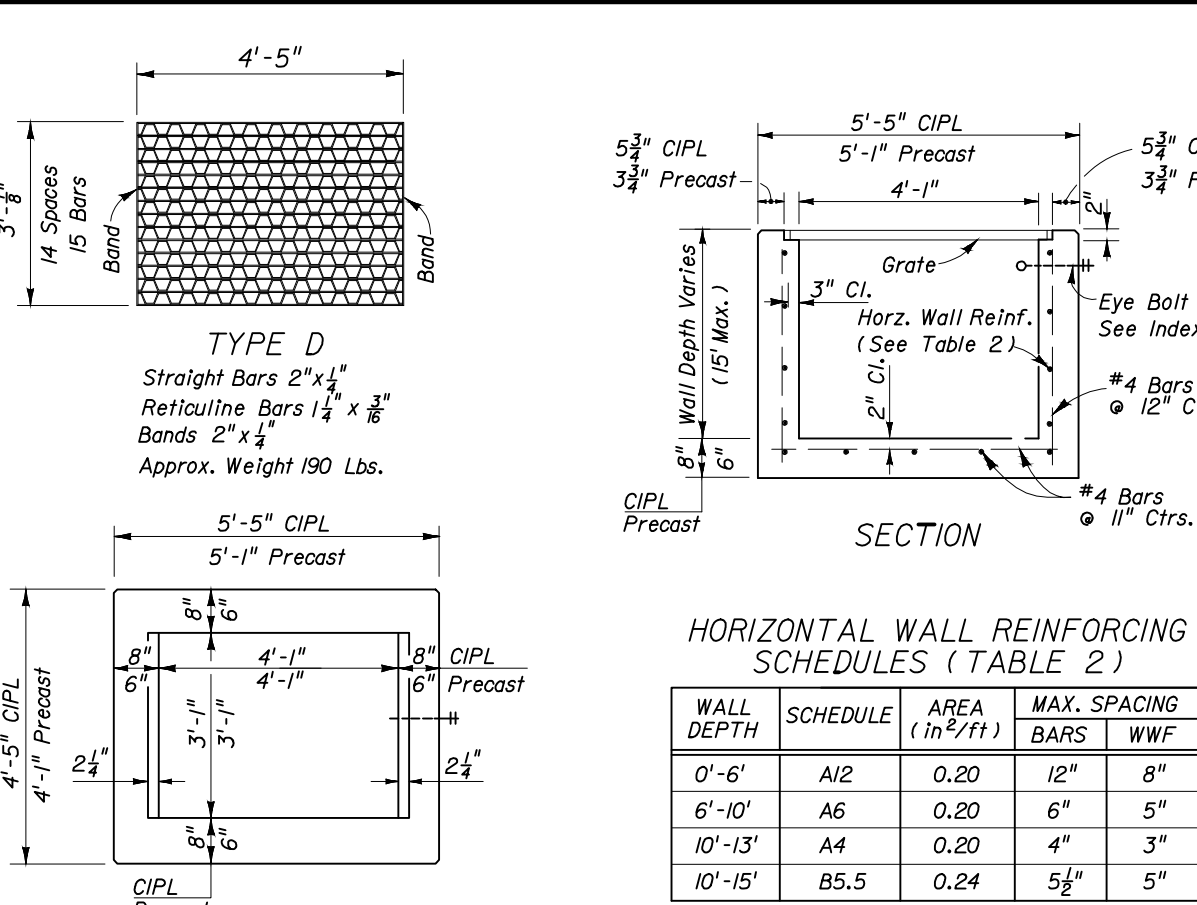
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PHONE: 239-931-4778

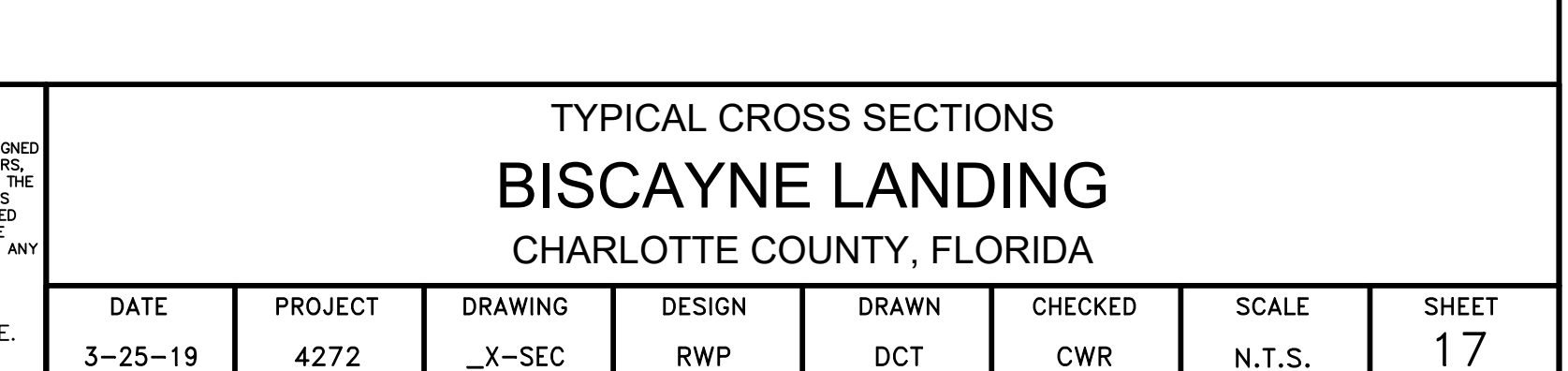
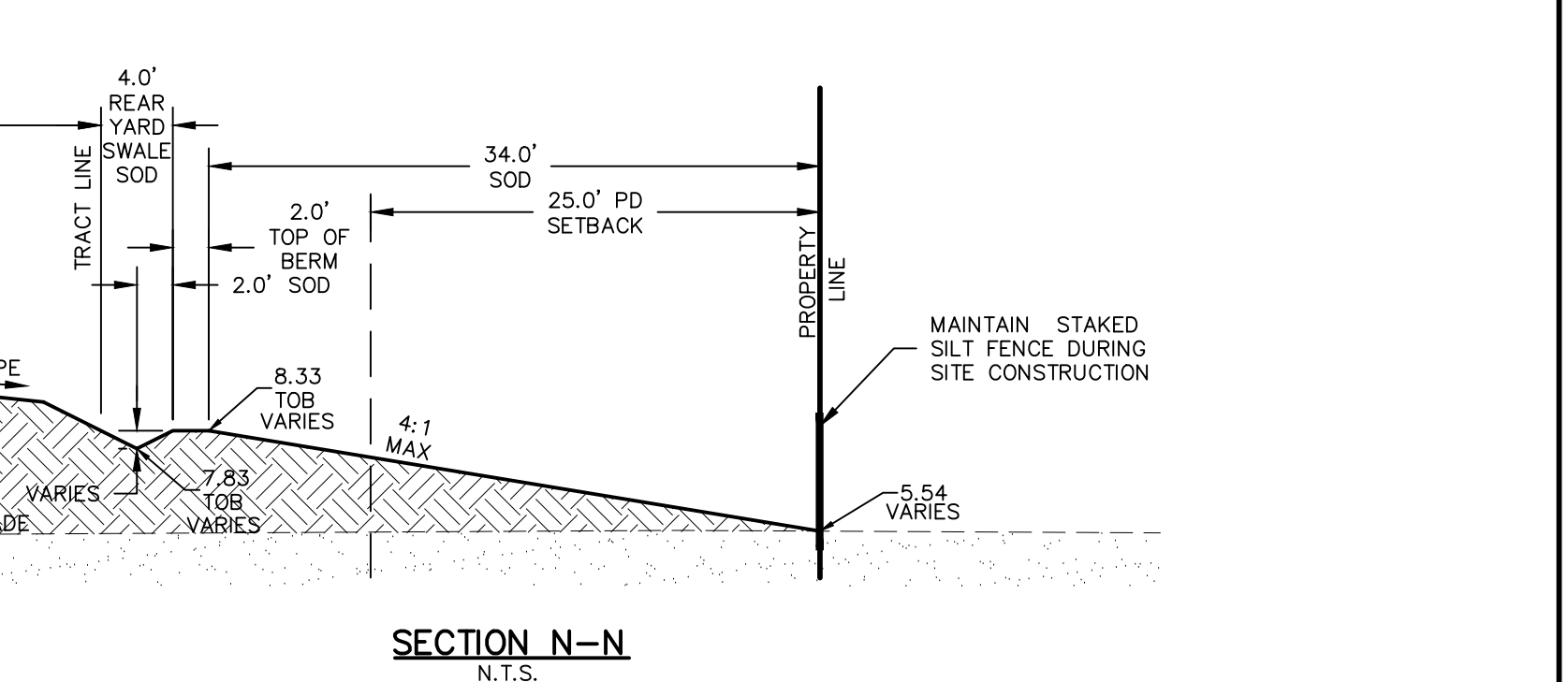
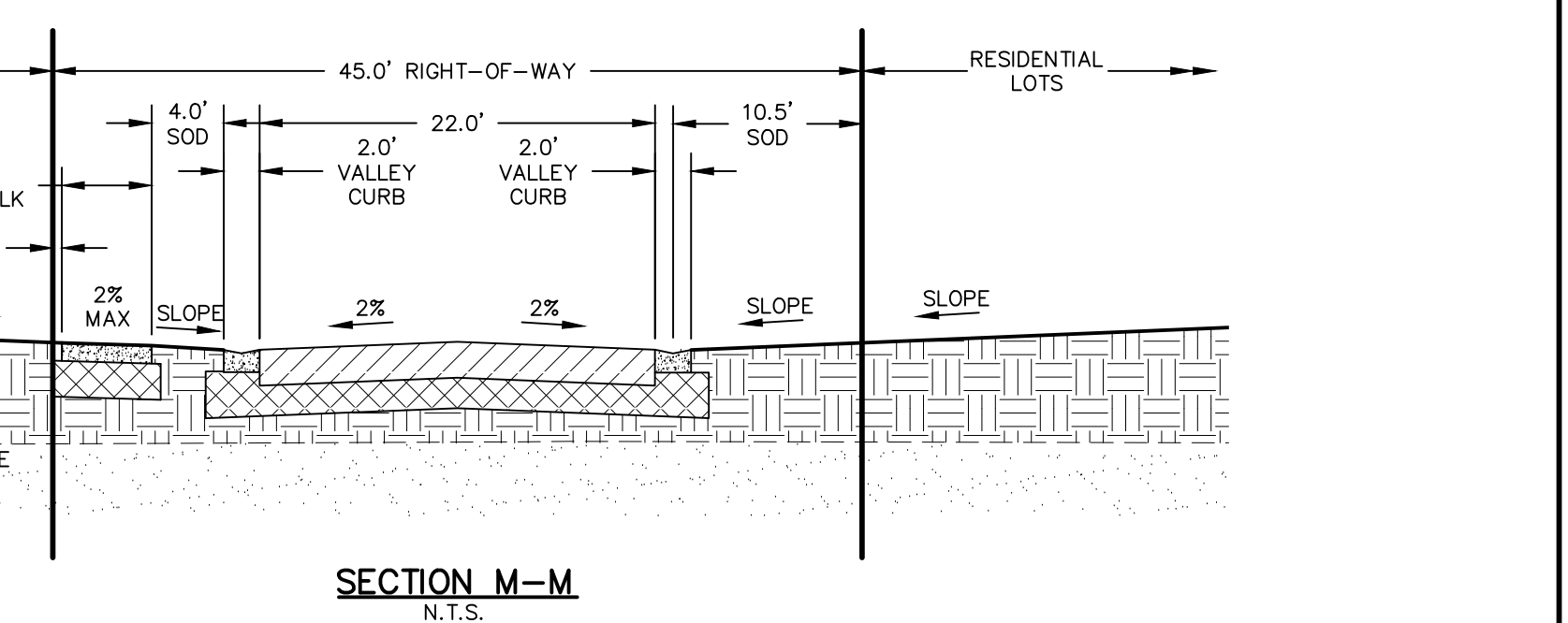
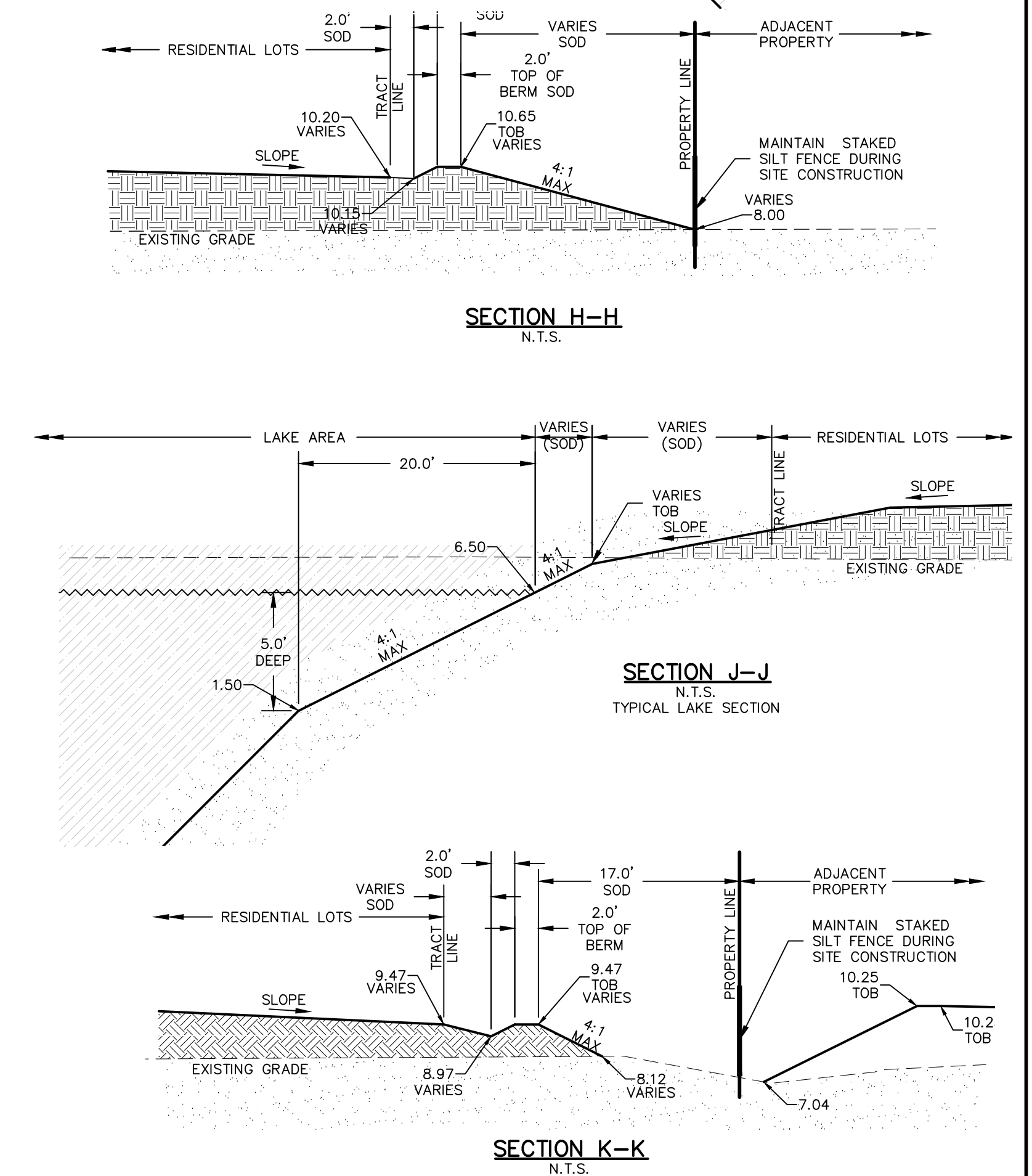
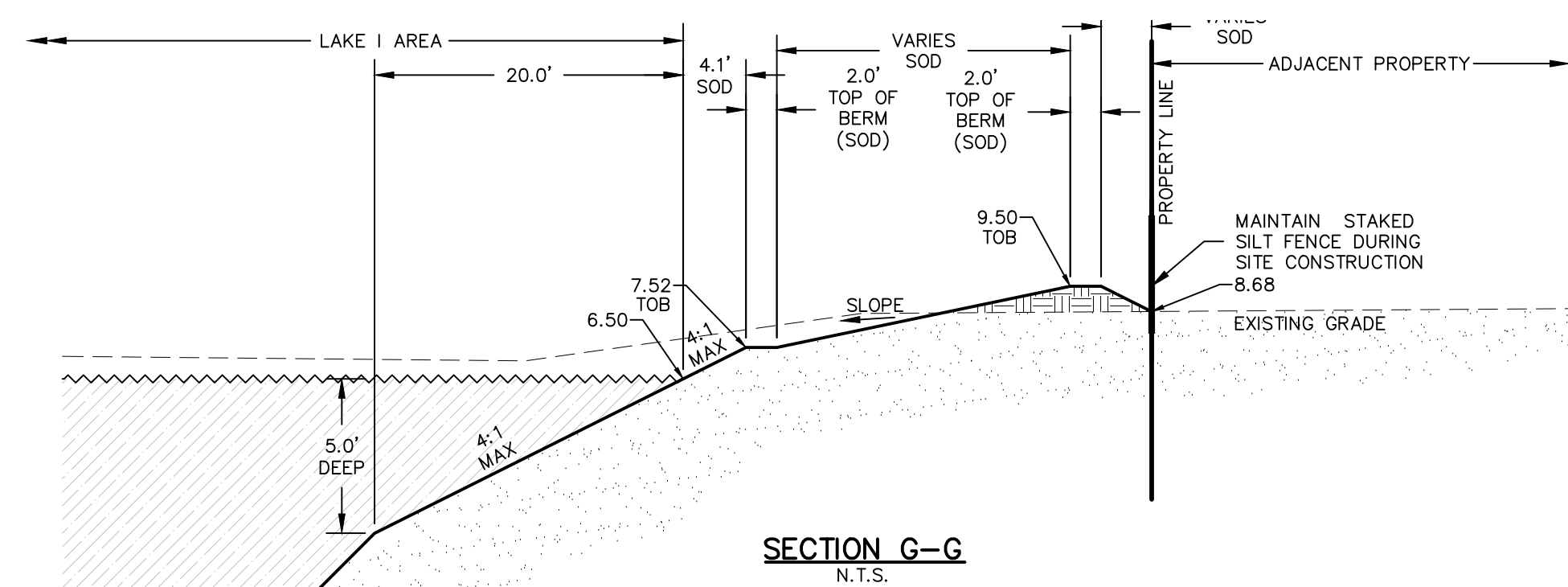
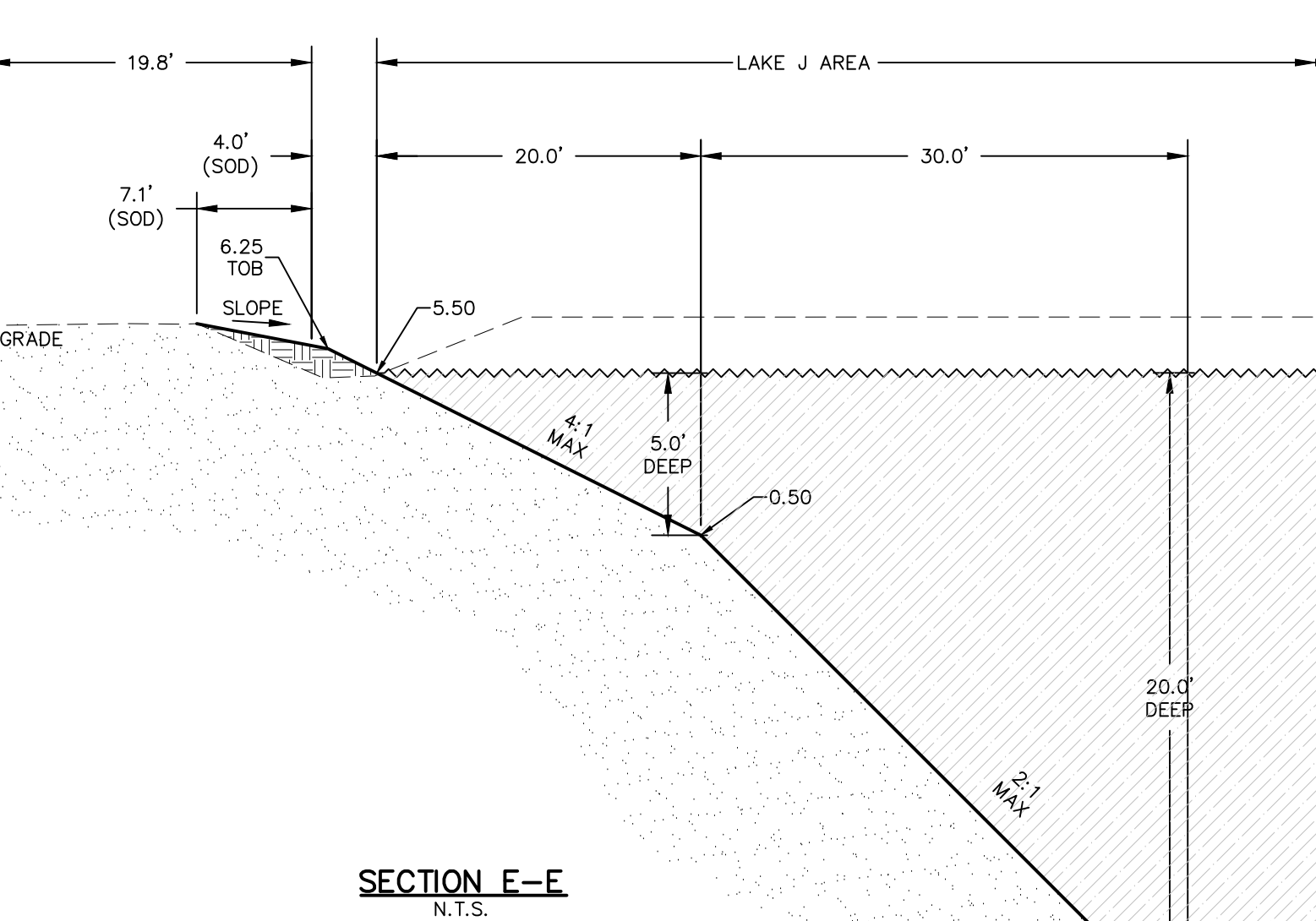
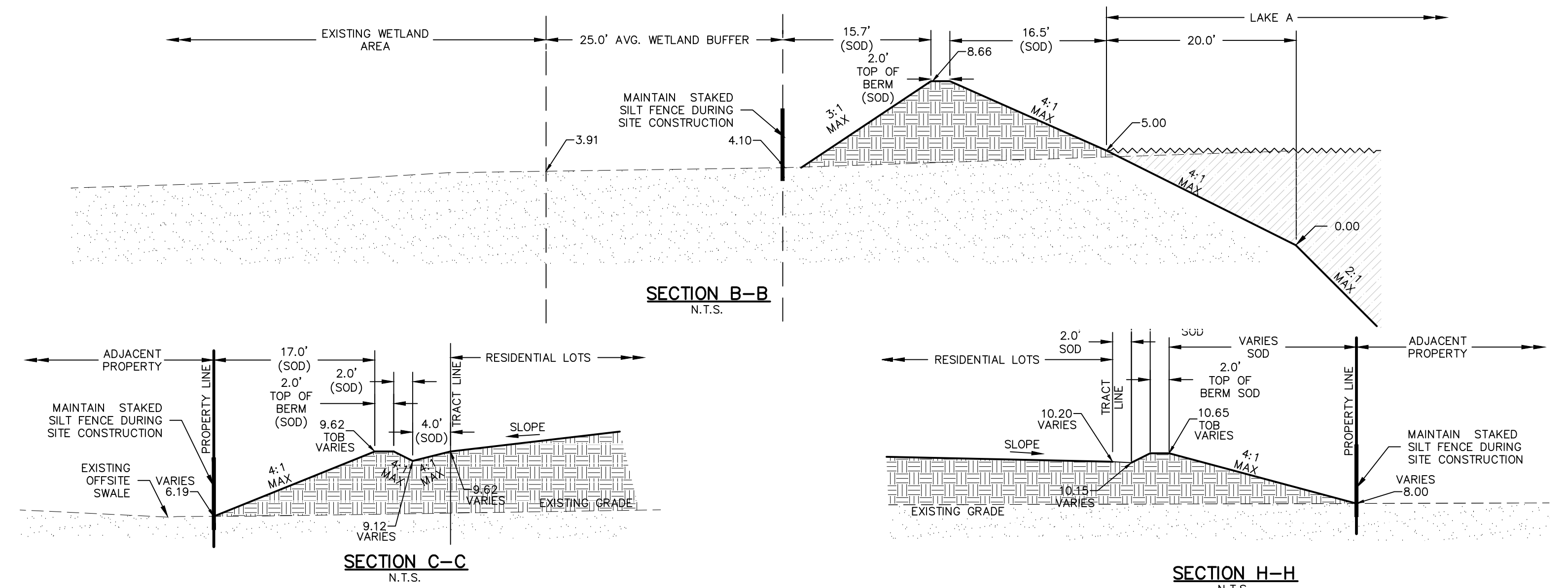
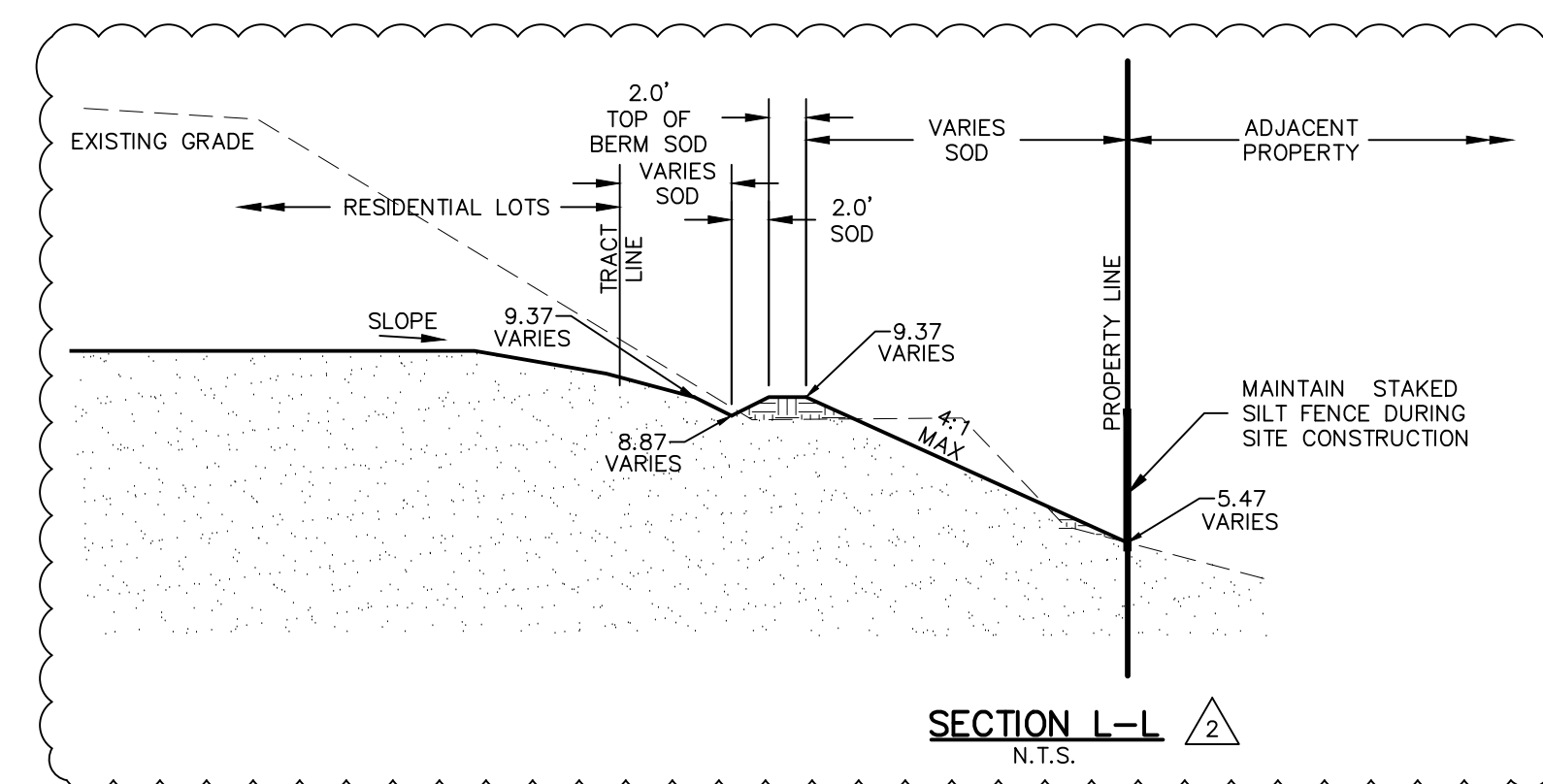
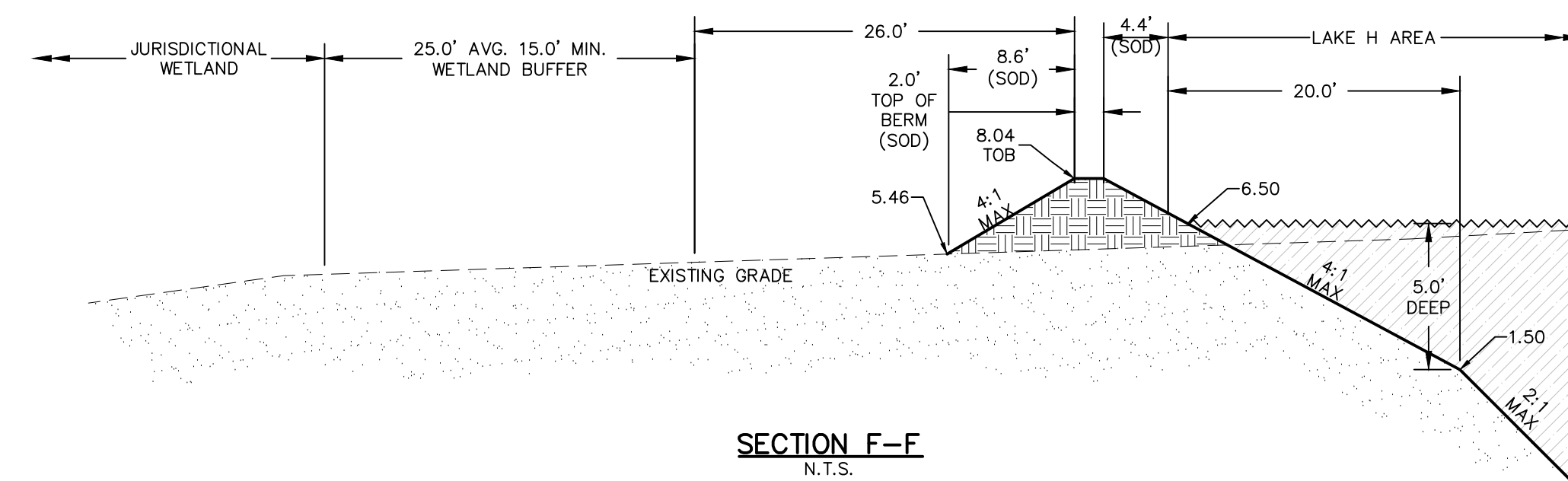
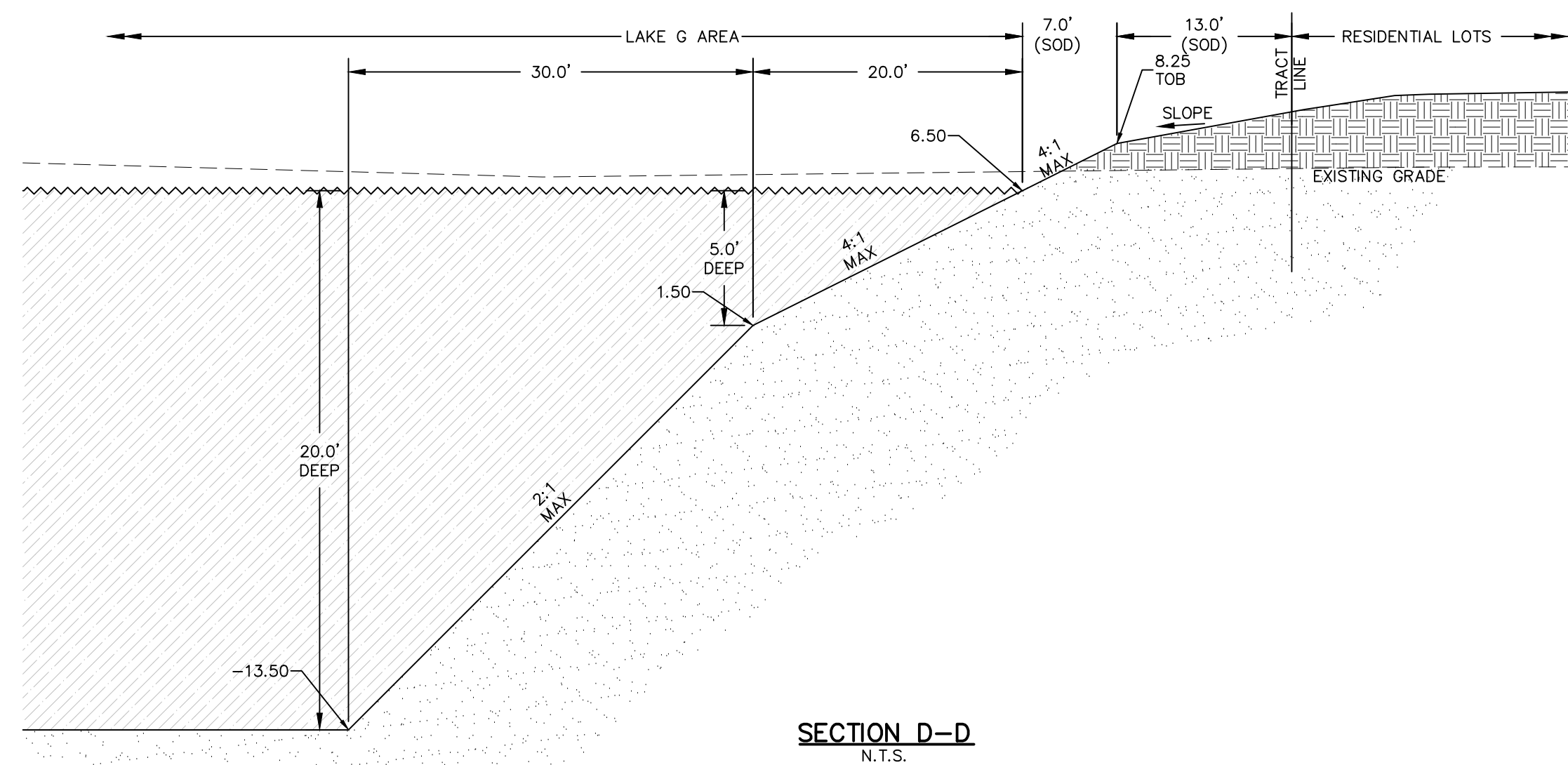
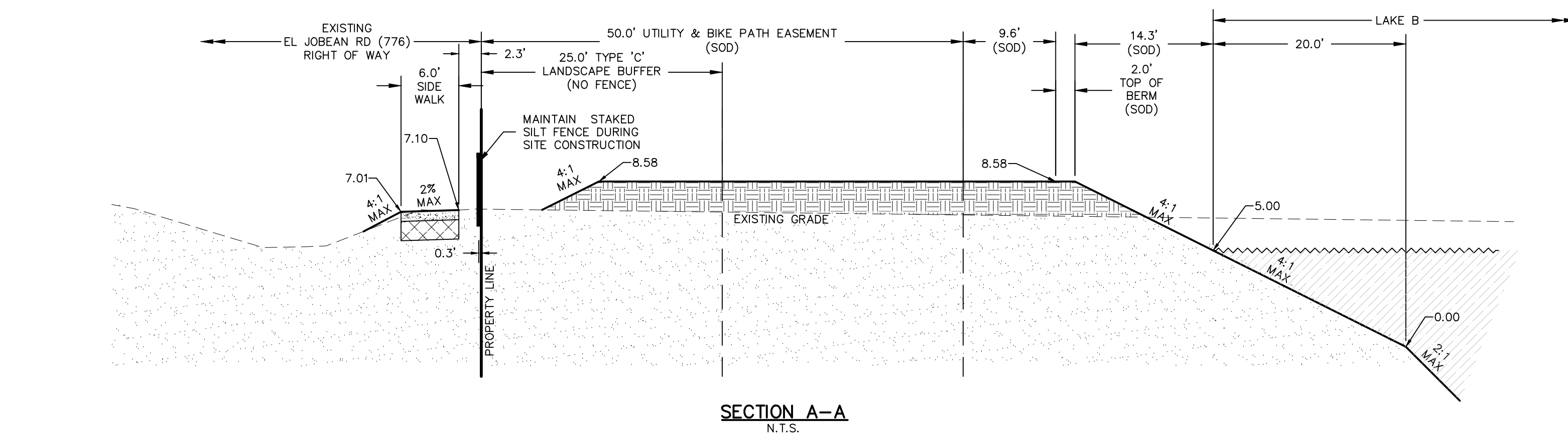
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PREPARED FOR:

LENNAR HOMES, LLC

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PHONE: 239-931-4778

N/O	DATE		REVISION	DESCRIPTION	

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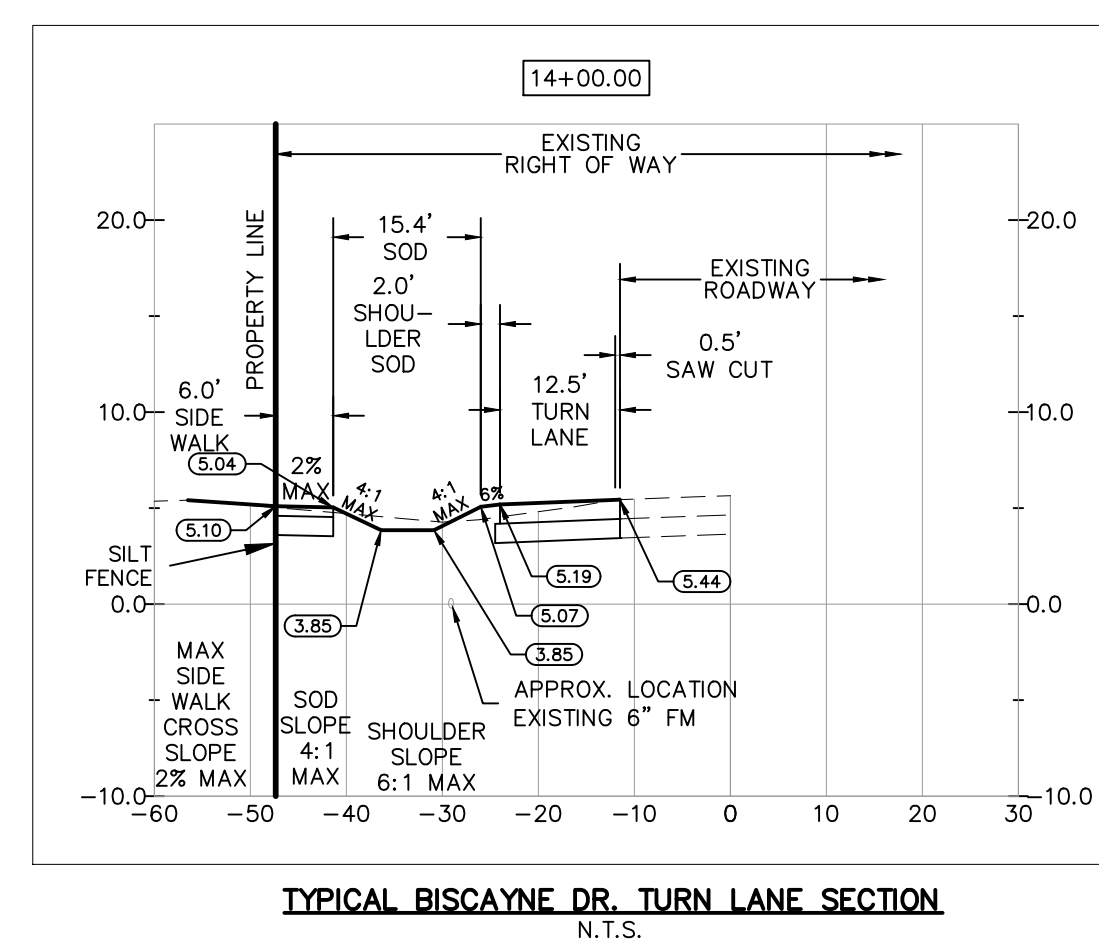
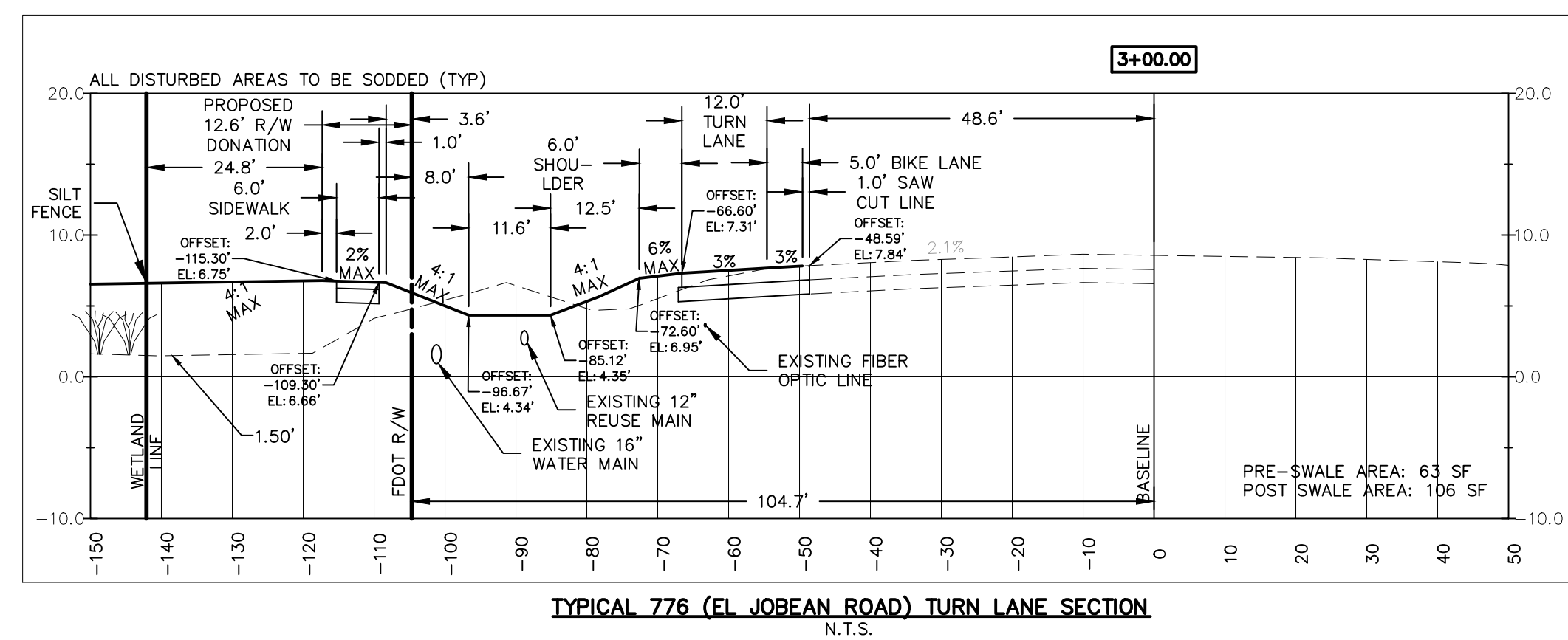
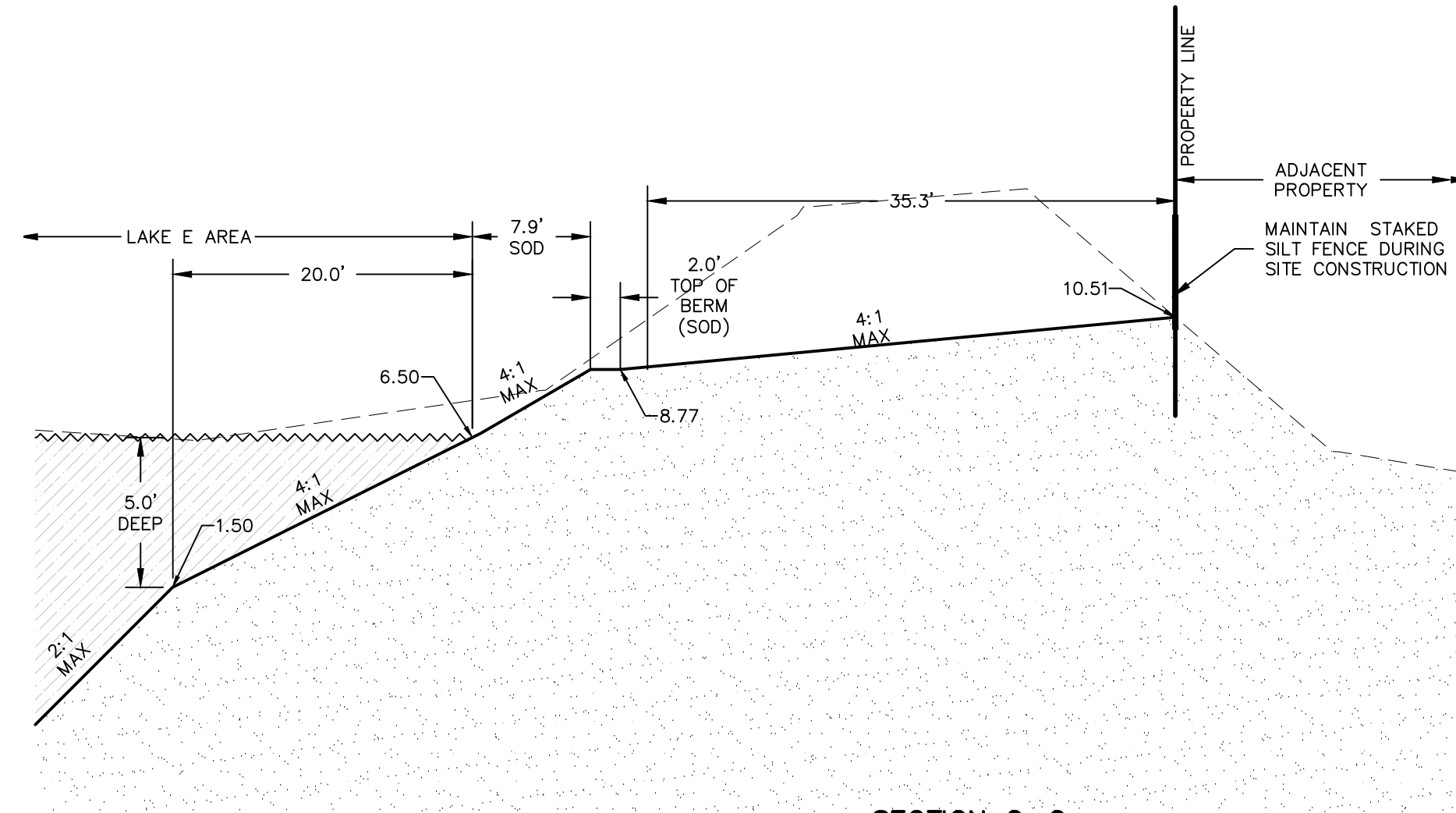
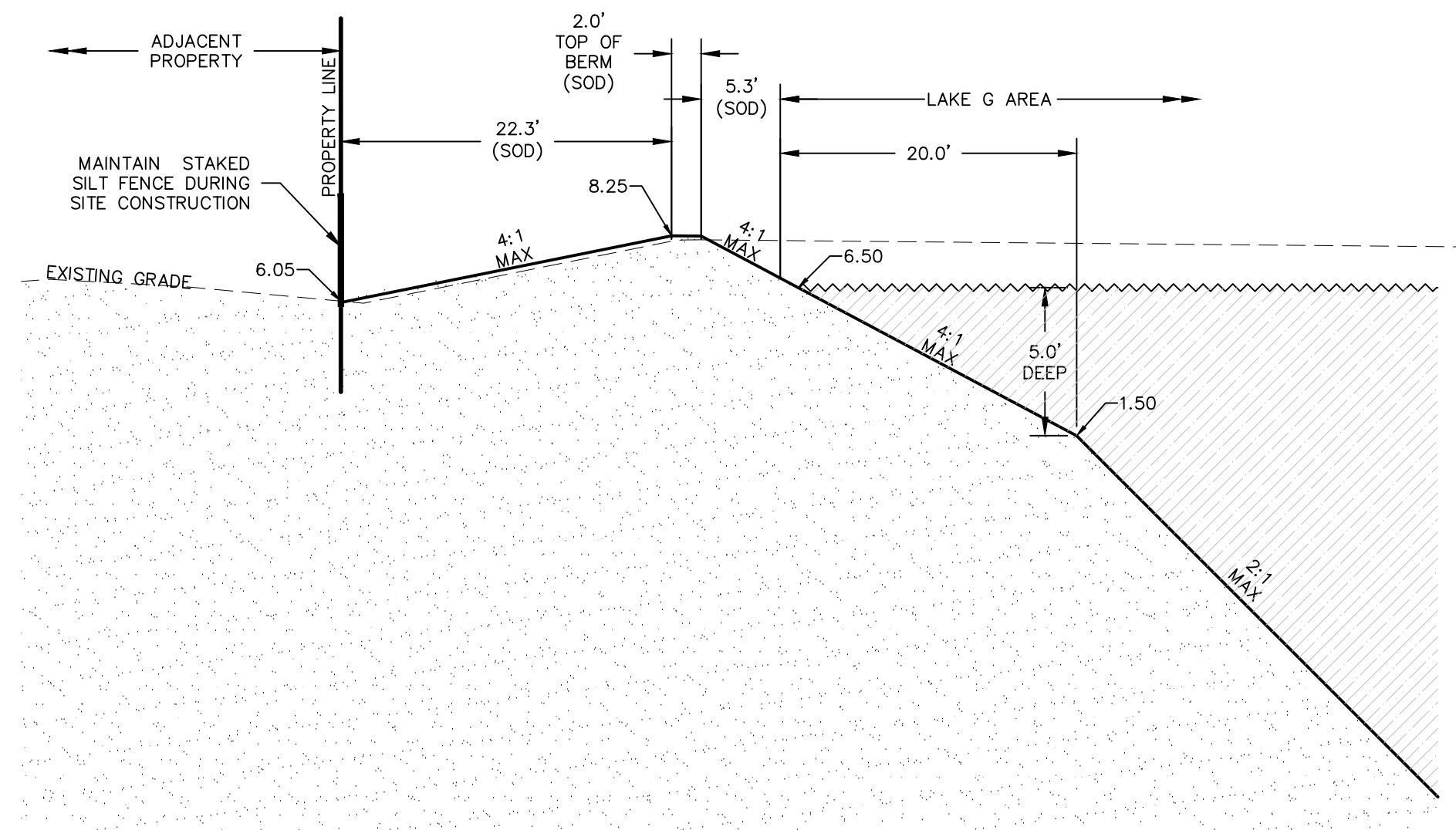
4161 TAMiami TRAIL - BLDG 5 UNIT 501
PORT CHARLOTTE, FLORIDA 33952
PHONE: (941) 625-1165 FAX: (941) 625-1149
ENGINEERING LICENSE # EB 6469
SURVEY LICENSE # LB 6690
WWW.BANKSENG.COM

THIS ITEM HAS BEEN DIGITALLY SIGNED
AND SEALED BY RYAN W. POWERS,
P.E. ON THE DATE ADJACENT TO THE
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SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.

RYAN W. POWERS, P.E.
FL LIC. NO. 82437

TYPICAL CROSS SECTIONS
BISCAYNE LANDING
CHARLOTTE COUNTY, FLORIDA

DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET
3-25-19	4272	_X-SEC	RWP	DCT	CWR	N.T.S.	17



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RYAN W. POWERS, P.E.
FL LIC. NO. 82437

Attachment 8
Public Works Department Approval

From: [Benjamin, Roy](#)
To: [Mastney, Eileen](#)
Cc: [Prince, Tara](#); [Jones, Michael](#); [Shao, Jenny](#); [Benjamin, Roy](#)
Subject: RE: Bond Release- FP-19-06-08 Biscayne Landing North
Date: Tuesday, October 14, 2025 2:31:33 PM
Attachments: [image002.png](#)
[image003.png](#)

I have approved this one in Accela BRR-25-14. Thanks

If you have further concerns please contact me at the information below.

Best Regards,

Roy Benjamin
Construction Services Manager
Charlotte County Public Works
410 Taylor Road, Unit 104
Punta Gorda, Florida 33950
Roy.benjamin@charlottecountyfl.gov

Office (941) 575-3628
Cell (941) 628-8065
Fax (941) 575-3664

"To Exceed Expectations in the Delivery of Public Services"



From: Mastney, Eileen <Eileen.Mastney@charlottecountyfl.gov>
Sent: Tuesday, October 14, 2025 12:05 PM
To: Benjamin, Roy <Roy.Benjamin@charlottecountyfl.gov>
Cc: Prince, Tara <TaraG.Prince@Charlottecountyfl.gov>; Jones, Michael <Michael.Jones@charlottecountyfl.gov>; Shao, Jenny <Jenny.Shao@charlottecountyfl.gov>
Subject: Bond Release- FP-19-06-08 Biscayne Landing North

Good afternoon, Roy

Lennar Homes, Inc. is requesting a Bond Release for FP-19-06-08 Biscayne Landing North. The Accela reference number is BRR-25-14 and I have assigned the reviews to you.