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SITE DATA

PROPERTY OWNER:

DR HORTON
2450 S HWY 29 #1
CANTONMENT, FLORIDA 32533

SURVEYOR:

DEWBERRY
25353 FRIENDSHIP ROAD
DAPHNE, AL 36526
(251) 929-9803 - VGERMAIN@DEWBERRY.COM
VICTOR L. GERMAIN, PLS - FL NO. 7281

ENGINEER:

DEWBERRY
139 E. GOVERNMENT STREET
PENSACOLA, FL 32502
DAVID TILLAR, P.E. - FL NO. 86282
(850) 760-0332 - DTILLAR@DEWBERRY.COM

GROSS PROJECT AREA: 24.732 ACRES
WETLAND/BUFFER AREA: 3.034 ACRES/4.909 ACRES
GROSS DENSITY: 4.57 UNITS/ACRE (RESIDENTIAL)
CURRENT ZONING: HC/LI
FUTURE LAND USE: MU-S
TYPE OF SUBDIVISION: SINGLE FAMILY DWELLING
NUMBER OF LOTS: 116
CONTOUR INTERVAL: ONE-FOOT
DATUM: NAD 83/NAVD 88
STREET LENGTH: 3,818 FEET
TYPE OF STREETS: PUBLIC
R/W WIDTH: 50 FEET
PAVEMENT WIDTH: 24 FEET
STREET MAINTENANCE: ESCAMBIA COUNTY, FLORIDA
STORMWATER MAINTENANCE: ESCAMBIA COUNTY, FLORIDA
MIN. LOT AREA: 6,000 SQ. FT.
MIN. LOT WIDTH AT RIGHT OF WAY: 60 FEET
MIN. DEPTH OF FRONT YARD: 15 FEET
MIN. DEPTH OF REAR YARD: 15 FEET
MIN. WIDTH OF EACH SIDE YARD: 10 FEET OR 10% OF THE LOT WIDTH AT THE STREET RIGHT OF WAY, WHICHEVER IS LESS, BUT AT LEAST 5 FEET.

MAX. BUILDING AREA AS % OF GROSS LOT AREA: N/A
MAX. BUILDING HEIGHT (FEET): N/A
MAX. BUILDING HEIGHT (STORIES): N/A

PLANS PREPARED BY:



25353 FRIENDSHIP ROAD,
DAPHNE AL, 36526
(251) 929789

DEWBERRY PROJECT NO.: 50128595

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED
DUE TO REPRODUCTION.

ENGINEER'S STATEMENT

I, DAVID TILLAR, ENGINEER OF RECORD FOR SANCTUARY SUBDIVISION,
PHASE 1, CERTIFY THAT ALL PROPOSED ROADWAYS, DRAINAGE, AND
OTHER IMPROVEMENTS ARE DESIGNED TO COMPLY WILL ALL APPLICABLE
FEDERAL, STATE, AND LOCAL DEVELOPMENT REQUIREMENTS.

NOTE: THE SUBJECT PROPERTY AS SHOWN HEREON IS
LOCATED IN FLOOD ZONE X. (MINIMAL RISK AREAS OUTSIDE
THE 1-PERCENT AND .2-PERCENT-ANNUAL-CHANCE
FLOODPLAINS. NO BFES OR BASE FLOOD DEPTHS ARE
SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE
FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD
INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA,
COMMUNITY 120080, FIRM MAP PANEL NUMBERS
12033C0240G, MAP REVISION DATED SEPTEMBER 29, 2006.

PROJECT DESCRIPTION:

THIS PROJECT CONSIST OF THE
CONSTRUCTION OF A 116 LOT SINGLE
FAMILY RESIDENTIAL SUBDIVISION IN
ESCAMBIA COUNTY, FLORIDA.
CONSTRUCTION ACTIVITIES SHALL
INCLUDE SITE, GRADING, DRAINAGE
AND UTILITY IMPROVEMENTS IN
SUPPORT OF THE PROPOSED
PROJECT.

CONSTRUCTION PLANS FOR: THE SANCTUARY SUBDIVISION

PHASE TWO

A 116 LOT SUBDIVISION IN SECTION 35,
TOWNSHIP 2 NORTH, RANGE 31 WEST,
ESCAMBIA COUNTY, FLORIDA

DEVELOPER:

DR HORTON

Approved: J. Hampton 9-1-21
Distance Date

This document has been reviewed in accordance with
requirements of applicable Escambia County
Regulations and Ordinances and does not in any way
relieve the submitting Architect, Engineer, Surveyor, or
other signatory from responsibility of details as drawn.

DRAINAGE FEE

This Fee is a combined Fee for phase 1+2
Imperv. Surf. 281,783 Sq ft

Stormwater Ret. 0.82 % (F)

Total Drainage Fee \$11,553.10

Pond Maint. Fee: PUBLIC

ECUA Required Plan Notes

(notes shall be inserted in the upper right corner of title sheet)

A. ECUA Engineering Manual Incorporated by Reference

The ECUA Engineering Manual, dated December 18, 2014, along with any listed
updates (hereinafter "Manual"), located at www.ecua.fl.gov, is hereby incorporated
by reference into this Project's official contract documents as if fully set forth
therein. It is the Contractor's responsibility to be knowledgeable of the Manual's
contents and to construct the Project in accordance with the Manual. The
Contractor shall provide its employees access to the Manual at all times, via Project
site or office, via digital or paper format. In the event of a conflict between the
Manual and the Plans, Contractor shall consult Engineer of Record on the
appropriate resolution.

B. Additional Documents (to be completed by the Engineer of Record)

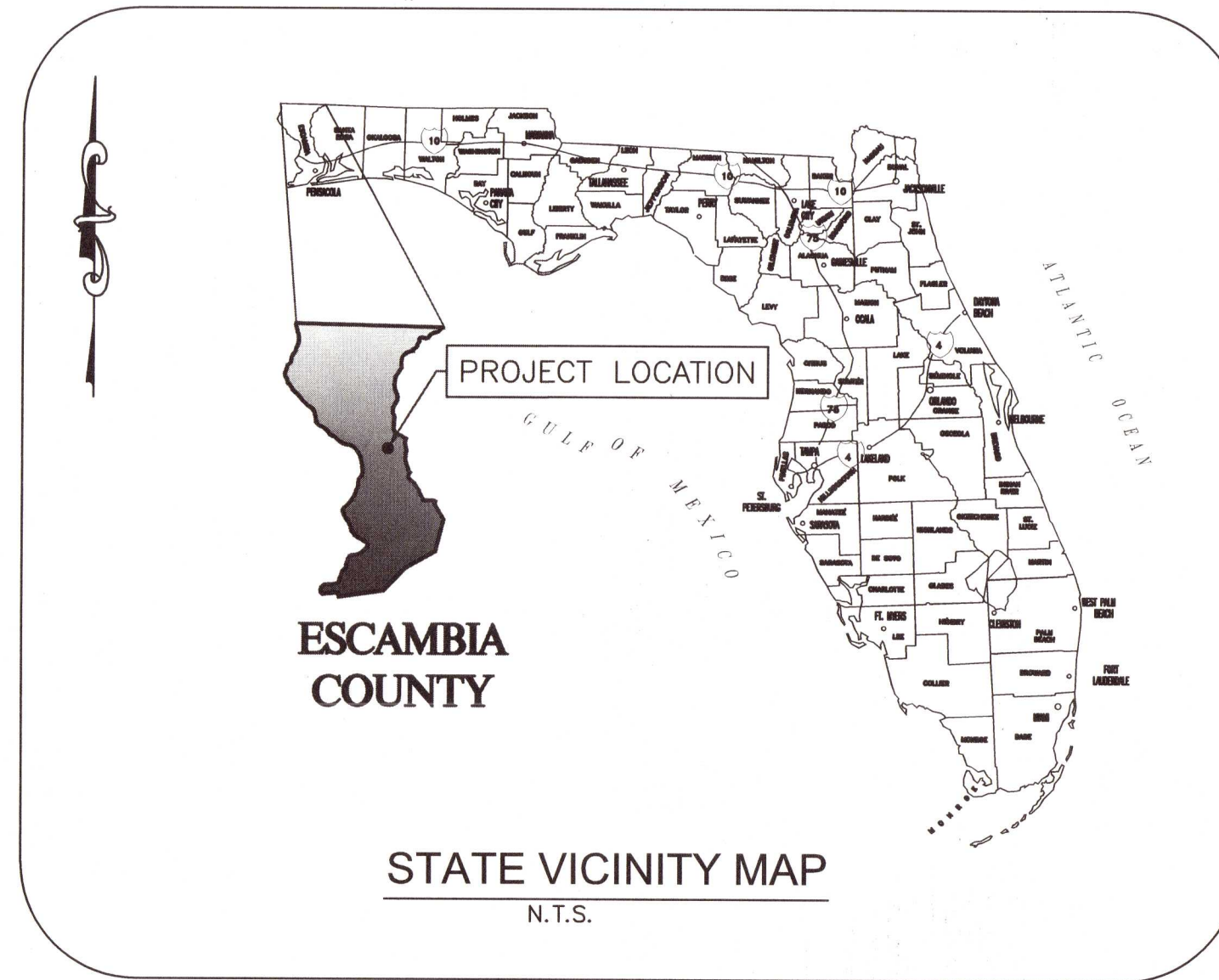
Does this Project have additional technical specifications, or construction details
that supersede the Manual listed above? ☐ YES ☒ NO. If yes, Contractor shall
construct Project in accordance with said documents as listed and located below:

Document Name	Document Type		Location	
	Specifi- cation	Detail	Plans	Project Manual*
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Project Manuals used only with ECUA CIP Projects

C. Engineer of Record Responsibilities

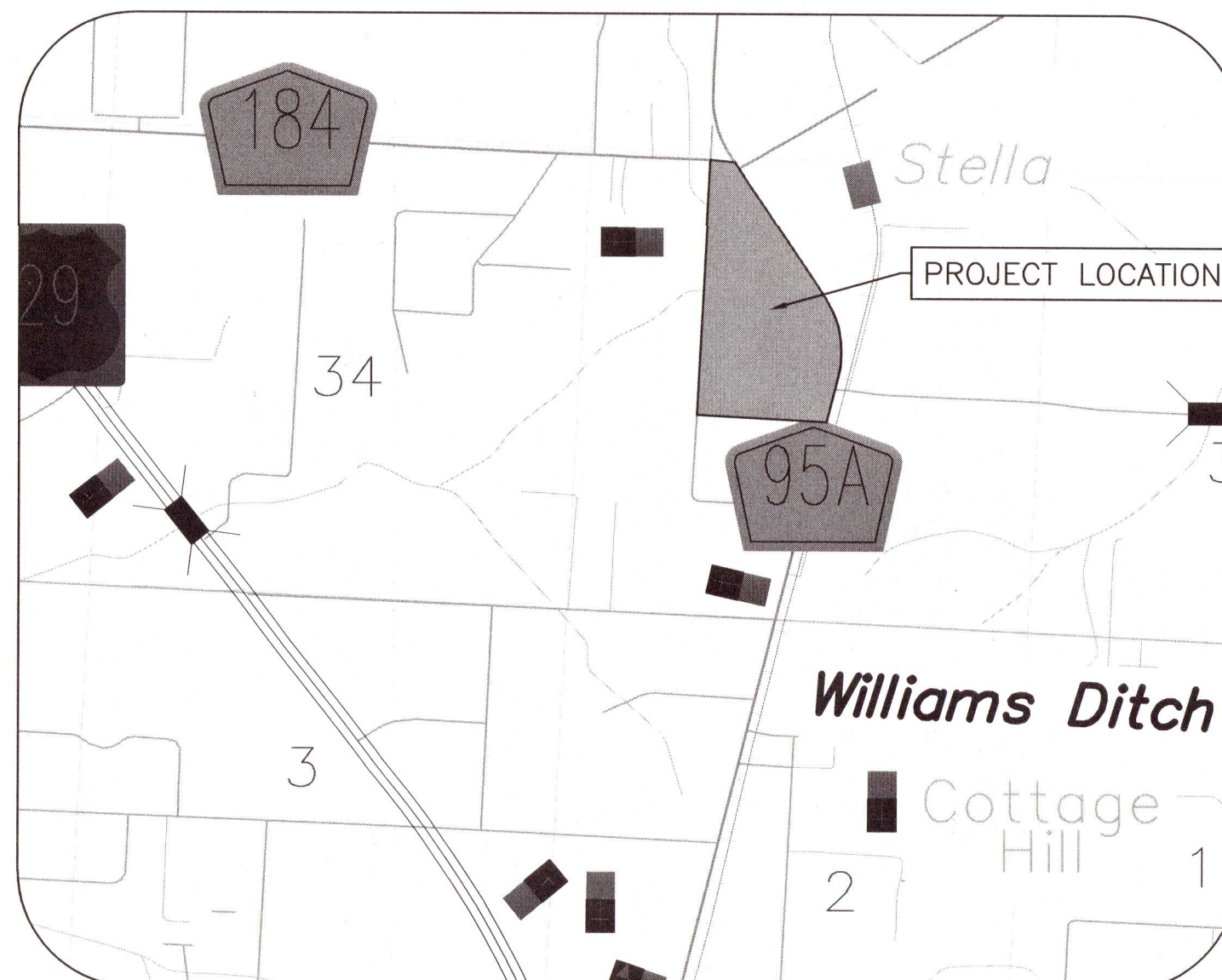
The Engineers of Record (EORs) that have affixed their seals and signatures on these
plans warrant their portion of the plans have been designed in accordance with the
Manual (unless otherwise directed by the ECUA Project Engineer). The EORs shall be
knowledgeable of the Manual's contents and shall assume responsibility for its use
on this Project.



DESCRIPTION:

COMMENCE AT THE SOUTHEAST CORNER OF THE NORTH HALF OF SECTION 35, TOWNSHIP 2 NORTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA AND RUN THENCE NORTH 87°22'02" WEST, ALONG THE SOUTH LINE OF THE NORTH HALF OF SAID SECTION 35, A DISTANCE OF 2422.59 FEET TO THE WEST RIGHT-OF-WAY OF COUNTY ROAD 95A TO THE POINT OF BEGINNING; THENCE RUN ALONG SAID WEST RIGHT-OF-WAY OF COUNTY ROAD 95A THE FOLLOWING FIVE (5) COURSES: (1) NORTH 25°55'40" EAST, A DISTANCE OF 14.90 FEET; (2) NORTH 12°34'33" EAST, A DISTANCE OF 100.04 FEET; (3) NORTH 14°17'39" EAST, A DISTANCE OF 99.50 FEET; (4) ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 1,111.68 FEET, AN ARC LENGTH OF 931.64 FEET (CHORD BEARS NORTH 09°42'51" WEST, A DISTANCE OF 904.62 FEET); (5) NORTH 33°43'21" WEST, A DISTANCE OF 387.51 FEET; THENCE RUN SOUTH 64°38'44" WEST, DEPARTING SAID WEST RIGHT-OF-WAY, A DISTANCE OF 84.98 FEET; THENCE RUN NORTH 25°21'16" WEST, A DISTANCE OF 50.00 FEET; THENCE RUN SOUTH 64°38'44" WEST, A DISTANCE OF 99.54 FEET; THENCE RUN NORTH 80°38'43" WEST, A DISTANCE OF 137.75 FEET; THENCE RUN ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 325.00 FEET, AN ARC LENGTH OF 254.26 FEET (CHORD BEARS SOUTH 76°56'34" WEST, A DISTANCE OF 247.82 FEET); THENCE RUN SOUTH 54°31'50" WEST, A DISTANCE OF 299.27 FEET; THENCE RUN SOUTH 10°44'39" WEST, A DISTANCE OF 115.83 FEET; THENCE RUN SOUTH 80°18'06" EAST, A DISTANCE OF 127.14 FEET; THENCE RUN SOUTH 02°33'57" WEST, A DISTANCE OF 194.11 FEET; THENCE RUN SOUTH 81°18'24" EAST, A DISTANCE OF 50.29 FEET; THENCE RUN SOUTH 87°26'03" EAST, A DISTANCE OF 135.00 FEET; THENCE RUN SOUTH 02°33'57" WEST, A DISTANCE OF 365.00 FEET; THENCE RUN SOUTH 87°26'03" EAST, A DISTANCE OF 125.00 FEET; THENCE RUN SOUTH 85°24'18" EAST, A DISTANCE OF 50.03 FEET; THENCE RUN SOUTH 87°26'03" EAST, A DISTANCE OF 135.00 FEET; THENCE RUN SOUTH 02°33'57" WEST, A DISTANCE OF 200.00 FEET; THENCE RUN SOUTH 87°26'03" EAST, A DISTANCE OF 125.00 FEET; THENCE RUN NORTH 88°45'05" EAST, A DISTANCE OF 50.11 FEET; THENCE RUN SOUTH 87°22'02" EAST, A DISTANCE OF 135.00 FEET; THENCE RUN SOUTH 02°33'57" WEST, A DISTANCE OF 110.00 FEET; THENCE RUN NORTH 87°22'02" WEST, A DISTANCE OF 10.00 FEET; THENCE RUN SOUTH 02°33'57" WEST, A DISTANCE OF 125.00 FEET; TO THE POINT OF BEGINNING.

TRACT CONTAINS 24.40 ACRES, MORE OR LESS, AND LIES IN SECTION 35, TOWNSHIP 2 NORTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA.



LOCATION MAP

1"=2000'

INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
G100	TITLE SHEET
G101	PROJECT NOTES
G102 - G103	TYPICAL SECTIONS & DETAILS
C100 - C102	EXISTING CONDITIONS PLAN
C104	CLEARING AND SEDIMENT CONTROL PLAN
C200	OVERALL SITE PLAN
C201 - C202	SITE PLAN
C400	OVERALL GRADING PLAN
C401 - C402A	GRADING PLAN
C405 - C409	ROADWAY PLAN AND PROFILE
C410 - C411	STORM DRAINAGE PLAN AND PROFILES
C430 - C431	SWALE PLAN AND PROFILES
C438	STRUCTURE AND PIPE TABLES
C501-C502	EROSION AND SEDIMENT CONTROL PLAN
C600	OVERALL UTILITY PLAN
C601 - C602	UTILITY PLAN
C700 - C707	CONSTRUCTION DETAILS

UTILITY ADDENDUM
PENSACOLA ENERGY



Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

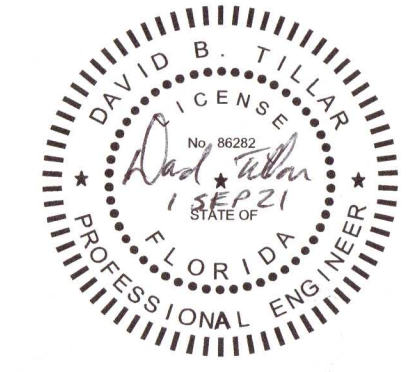
SANCTUARY
SUBDIVISION

PHASE TWO

D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

SEAL

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A VALID SIGNATURE



DAVID B. TILLAR, P.E.
FL. PE No. 86282

COM# 8794

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REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE

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CHECKED BY JMB

DATE OCTOBER 2020

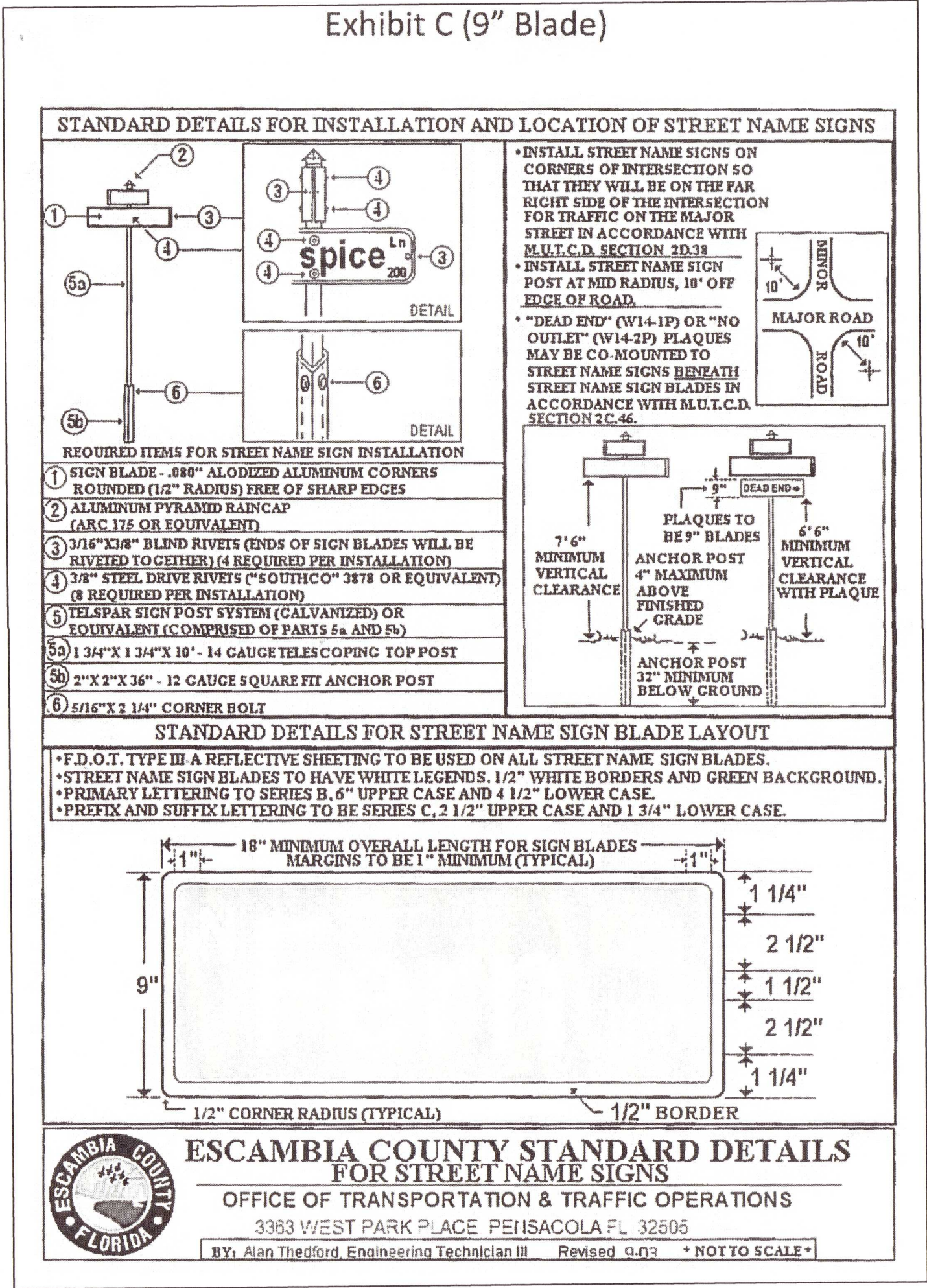
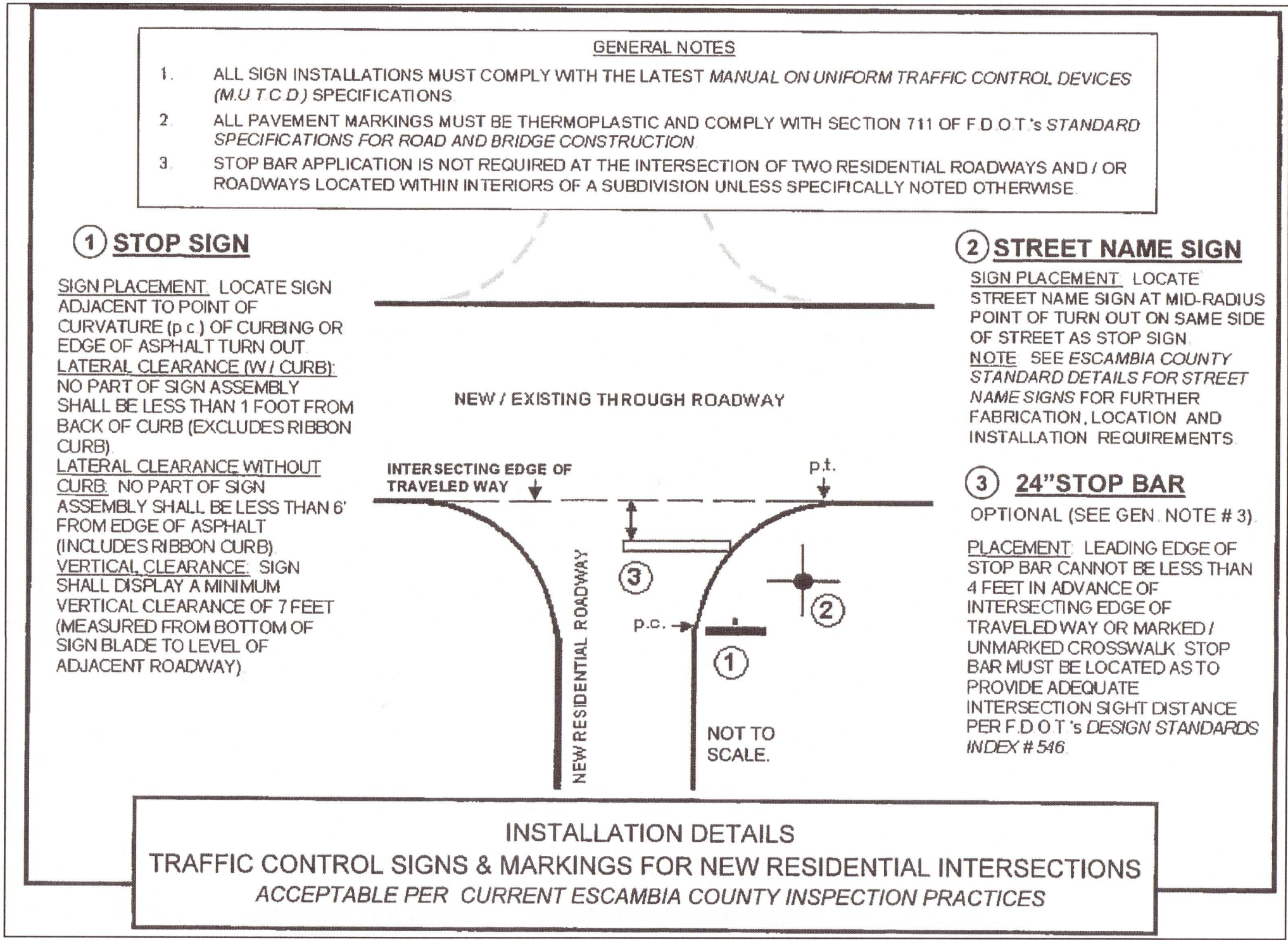
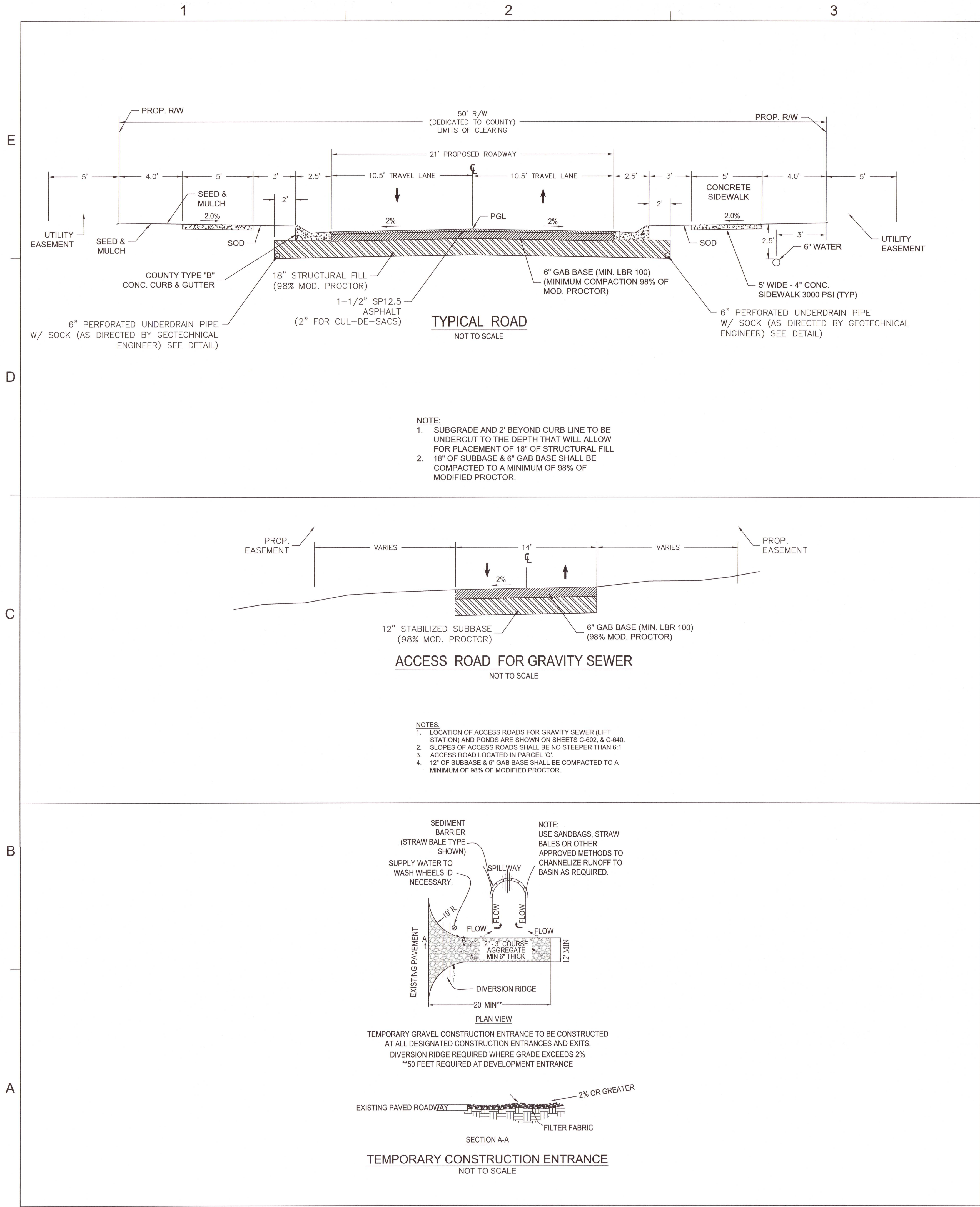
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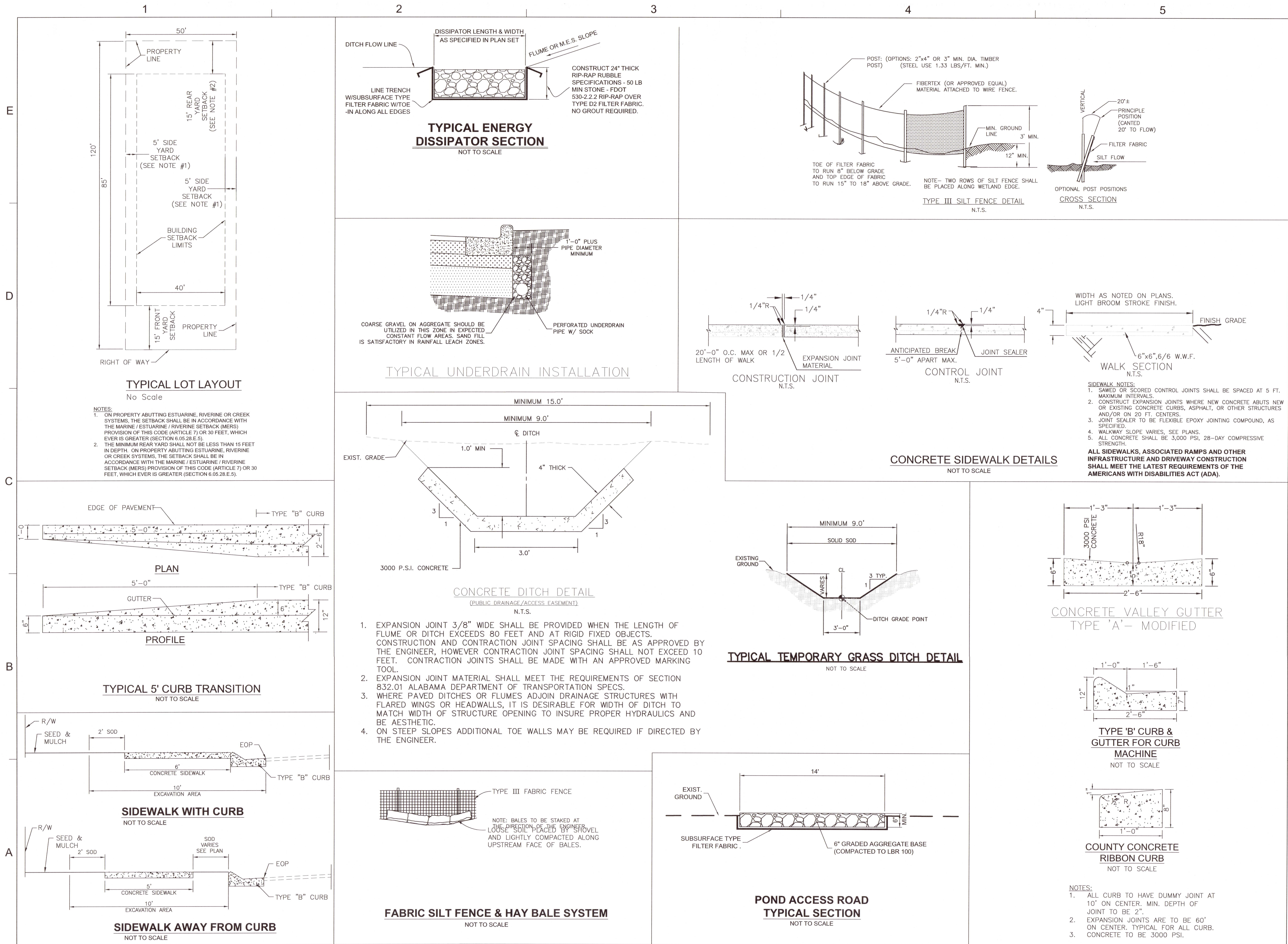
PROJECT NO. 50128595

G100

SHEET NO.

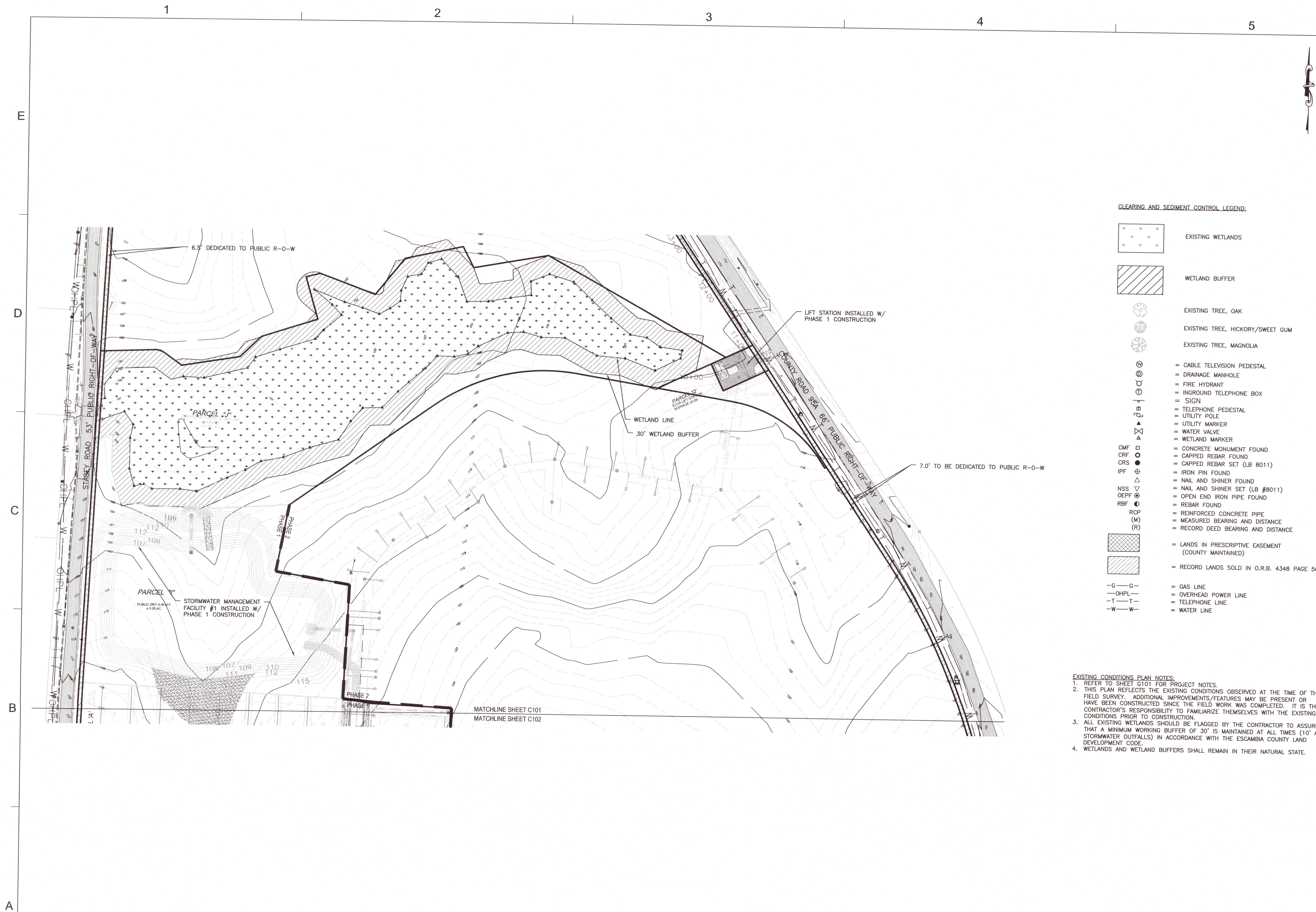


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CLEARING AND SEDIMENT CONTROL LEGEND:

- EXISTING WETLANDS
- WETLAND BUFFER
- EXISTING TREE, OAK
- EXISTING TREE, HICKORY/SWEET GUM
- EXISTING TREE, MAGNOLIA
- CABLE TELEVISION PEDESTAL
- DRAINAGE MANHOLE
- FIRE HYDRANT
- INGROUND TELEPHONE BOX
- SIGN
- TELEPHONE PEDESTAL
- UTILITY POLE
- UTILITY MARKER
- WATER VALVE
- WETLAND MARKER
- CONCRETE MONUMENT FOUND
- CAPPED REBAR FOUND
- CAPPED REBAR SET (LB 8011)
- IRON PIN FOUND
- NAIL AND SHINER FOUND
- NAIL AND SHINER SET (LB #8011)
- OPEN END IRON PIPE FOUND
- REBAR FOUND
- REINFORCED CONCRETE PIPE
- MEASURED BEARING AND DISTANCE
- RECORD DEED BEARING AND DISTANCE
- LANDS IN PRESCRIPTIVE EASEMENT (COUNTY MAINTAINED)
- RECORD LANDS SOLD IN O.R.B. 4348 PAGE 569
- GAS LINE
- OVERHEAD POWER LINE
- TELEPHONE LINE
- WATER LINE

- EXISTING CONDITIONS PLAN NOTES:
- REFER TO SHEET G101 FOR PROJECT NOTES.
 - THIS PLAN REFLECTS THE EXISTING CONDITIONS OBSERVED AT THE TIME OF THE FIELD SURVEY. ADDITIONAL IMPROVEMENTS/FEATURES MAY BE PRESENT OR HAVE BEEN CONSTRUCTED SINCE THE FIELD WORK WAS COMPLETED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
 - ALL EXISTING WETLANDS SHOULD BE FLAGGED BY THE CONTRACTOR TO ASSURE THAT A MINIMUM WORKING BUFFER OF 30' IS MAINTAINED AT ALL TIMES (10' AT STORMWATER OUTFALLS) IN ACCORDANCE WITH THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE.
 - WETLANDS AND WETLAND BUFFERS SHALL REMAIN IN THEIR NATURAL STATE.



Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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PHASE TWO

D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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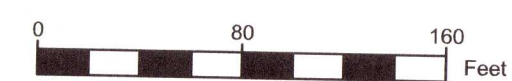
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FL. PE No. 86282

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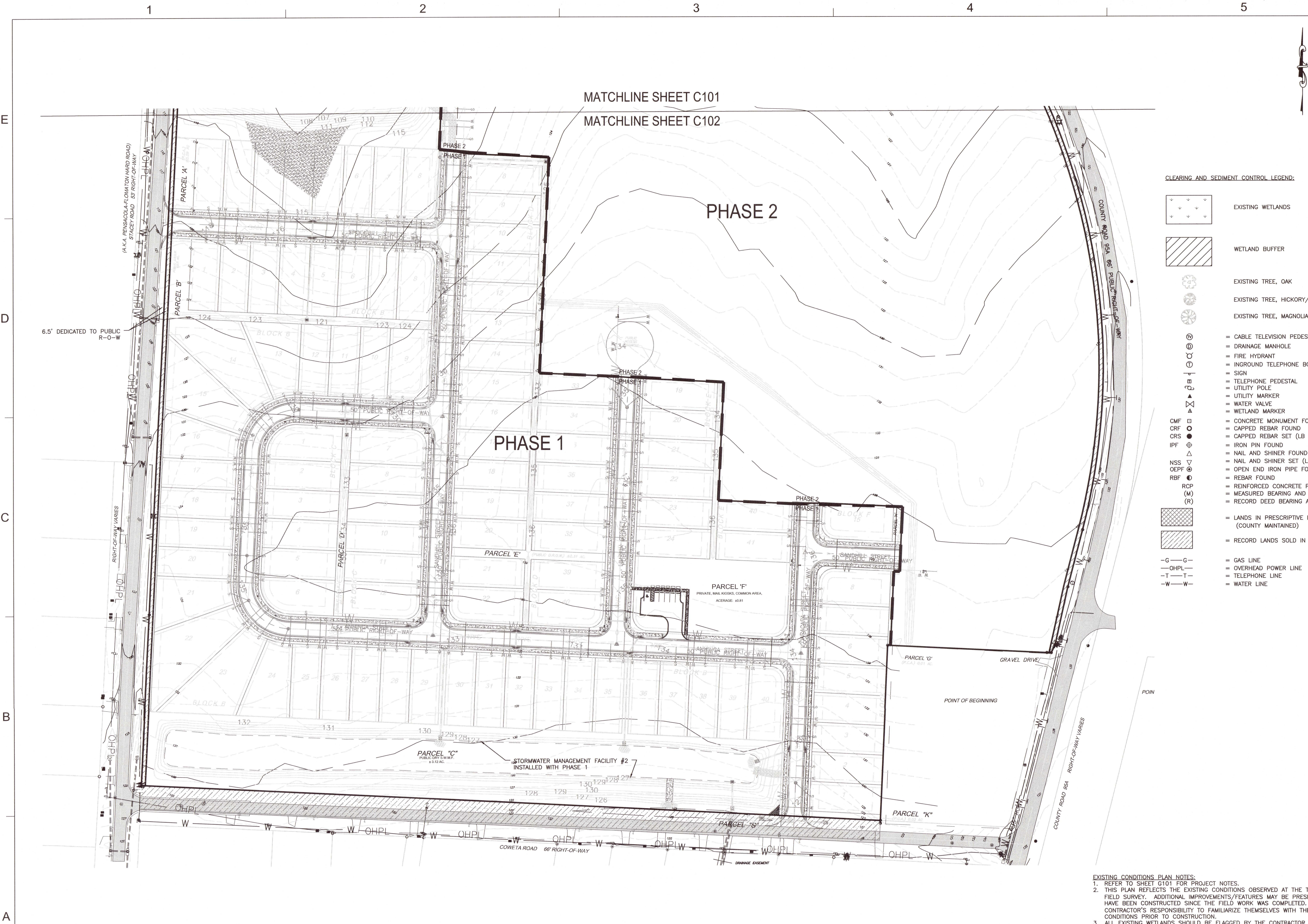
TITLE

EXISTING
CONDITIONS PLAN

PROJECT NO. 50128595

C101

SHEET NO.



- CLEARING AND SEDIMENT CONTROL LEGEND:
- EXISTING WETLANDS
 - WETLAND BUFFER
 - EXISTING TREE, OAK
 - EXISTING TREE, HICKORY/SWEET GUM
 - EXISTING TREE, MAGNOLIA
 - = CABLE TELEVISION PEDESTAL
 - = DRAINAGE MANHOLE
 - = FIRE HYDRANT
 - = INGROUND TELEPHONE BOX
 - = SIGN
 - = TELEPHONE PEDESTAL
 - = UTILITY POLE
 - = UTILITY MARKER
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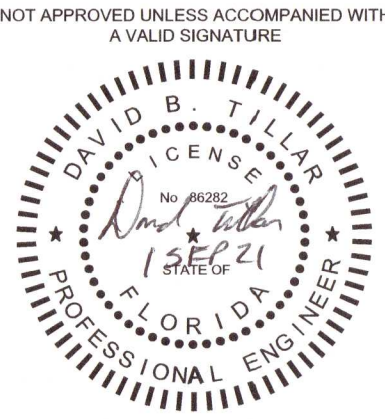
EXISTING CONDITIONS PLAN NOTES:
1. REFER TO SHEET G101 FOR PROJECT NOTES.
2. THIS PLAN REFLECTS THE EXISTING CONDITIONS OBSERVED AT THE TIME OF THE FIELD SURVEY. ADDITIONAL IMPROVEMENTS/FEATURES MAY BE PRESENT OR HAVE BEEN CONSTRUCTED SINCE THE FIELD WORK WAS COMPLETED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
3. ALL EXISTING WETLANDS SHOULD BE FLAGGED BY THE CONTRACTOR TO ASSURE THAT A MINIMUM WORKING BUFFER OF 30' IS MAINTAINED AT ALL TIMES (10' AT STORMWATER OUTFALLS) IN ACCORDANCE WITH THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE.
4. WETLANDS AND WETLAND BUFFERS SHALL REMAIN IN THEIR NATURAL STATE.



Dewberry Engineers Inc.
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Daphne, AL 36526

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SUBDIVISION
PHASE TWO
D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

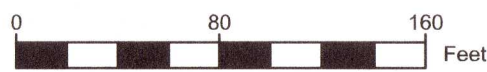
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DAVID B. TILLAR, P.E.
FL. PE No. 86262

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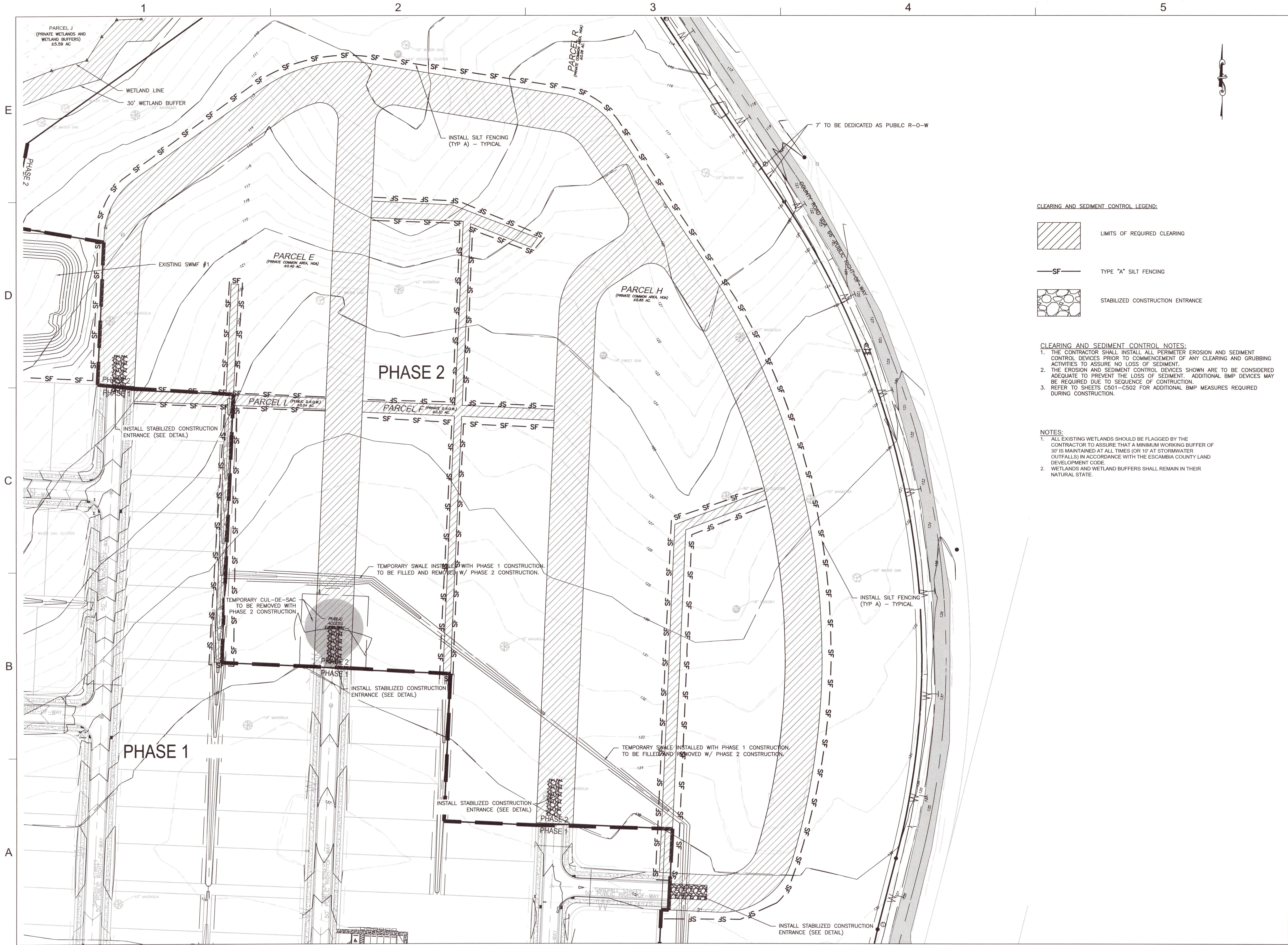
TITLE

EXISTING
CONDITIONS PLAN

PROJECT NO. 50128595

C102

SHEET NO.



CLEARING AND SEDIMENT CONTROL LEGEND:

- LIMITS OF REQUIRED CLEARING
- TYPE "A" SILT FENCING
- STABILIZED CONSTRUCTION ENTRANCE

CLEARING AND SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO COMMENCEMENT OF ANY CLEARING AND GRUBBING ACTIVITIES TO ASSURE NO LOSS OF SEDIMENT.
2. THE EROSION AND SEDIMENT CONTROL DEVICES SHOWN ARE TO BE CONSIDERED ADEQUATE TO PREVENT THE LOSS OF SEDIMENT. ADDITIONAL BMP DEVICES MAY BE REQUIRED DUE TO SEQUENCE OF CONSTRUCTION.
3. REFER TO SHEETS C501-C502 FOR ADDITIONAL BMP MEASURES REQUIRED DURING CONSTRUCTION.

NOTES:

1. ALL EXISTING WETLANDS SHOULD BE FLAGGED BY THE CONTRACTOR TO ASSURE THAT A MINIMUM WORKING BUFFER OF 30' IS MAINTAINED AT ALL TIMES (OR 10' AT STORMWATER OUTFALLS) IN ACCORDANCE WITH THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE.
2. WETLANDS AND WETLAND BUFFERS SHALL REMAIN IN THEIR NATURAL STATE.



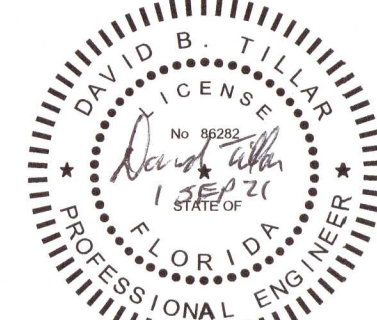
Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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PHASE TWO
D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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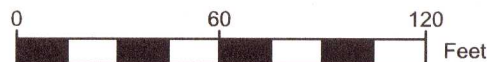


DAVID B. TILLAR, P.E.
FL. PE No. 86282

COA# 8794

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TITLE

CLEARING AND
SEDIMENT
CONTROL PLAN

PROJECT NO. 50128595

C104

SHEET NO.

SANCTUARY
SUBDIVISION
PHASE TWO
D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

SEAL

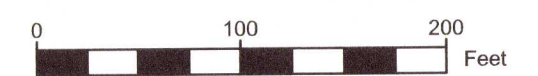
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FL. PE No. 86282

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REVISIONS

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APPROVED BY	_____	DBT
CHECKED BY	_____	JMB
DATE	OCTOBER 2020	

TITLE

OVERALL SITE PLAN

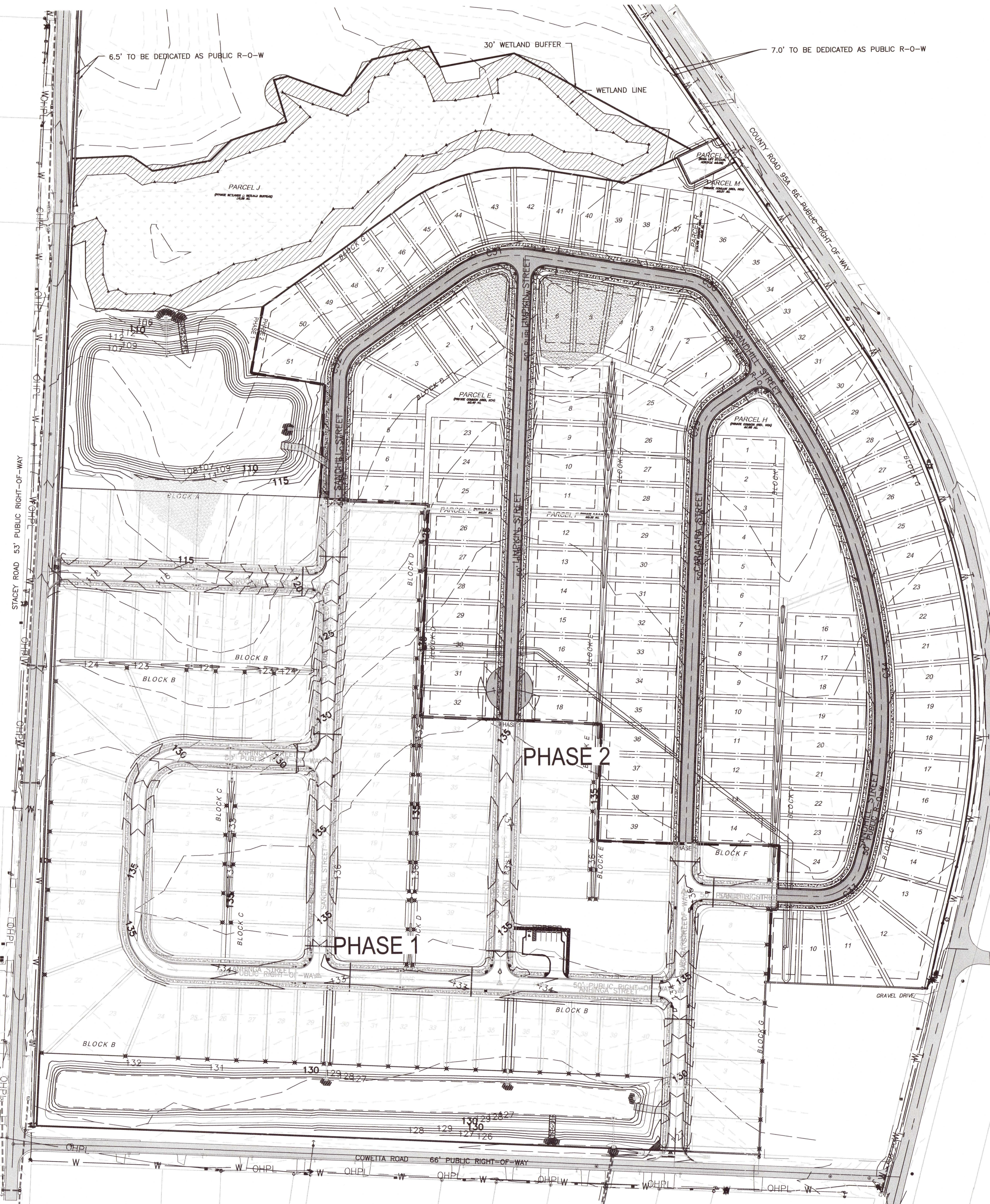
PROJECT NO.	50128595
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C200

SHEET NO.

NOTES:

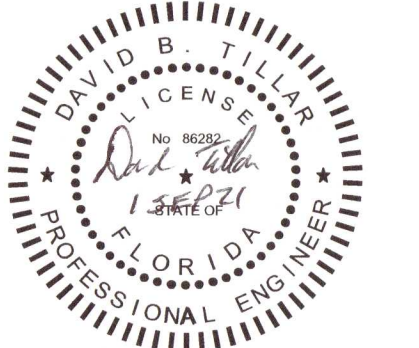
1. ALL EXISTING WETLANDS SHOULD BE FLAGGED BY THE CONTRACTOR TO ASSURE THAT A MINIMUM WORKING BUFFER OF 30' IS MAINTAINED AT ALL TIMES (OR 10' AT STORMWATER OUTFALLS) IN ACCORDANCE WITH THE ESCAMBA COUNTY LAND DEVELOPMENT CODE.
2. WETLANDS AND WETLAND BUFFERS SHALL REMAIN IN THEIR NATURAL STATE.



SANCTUARY
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D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

SEAL

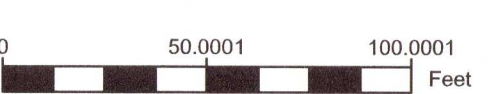
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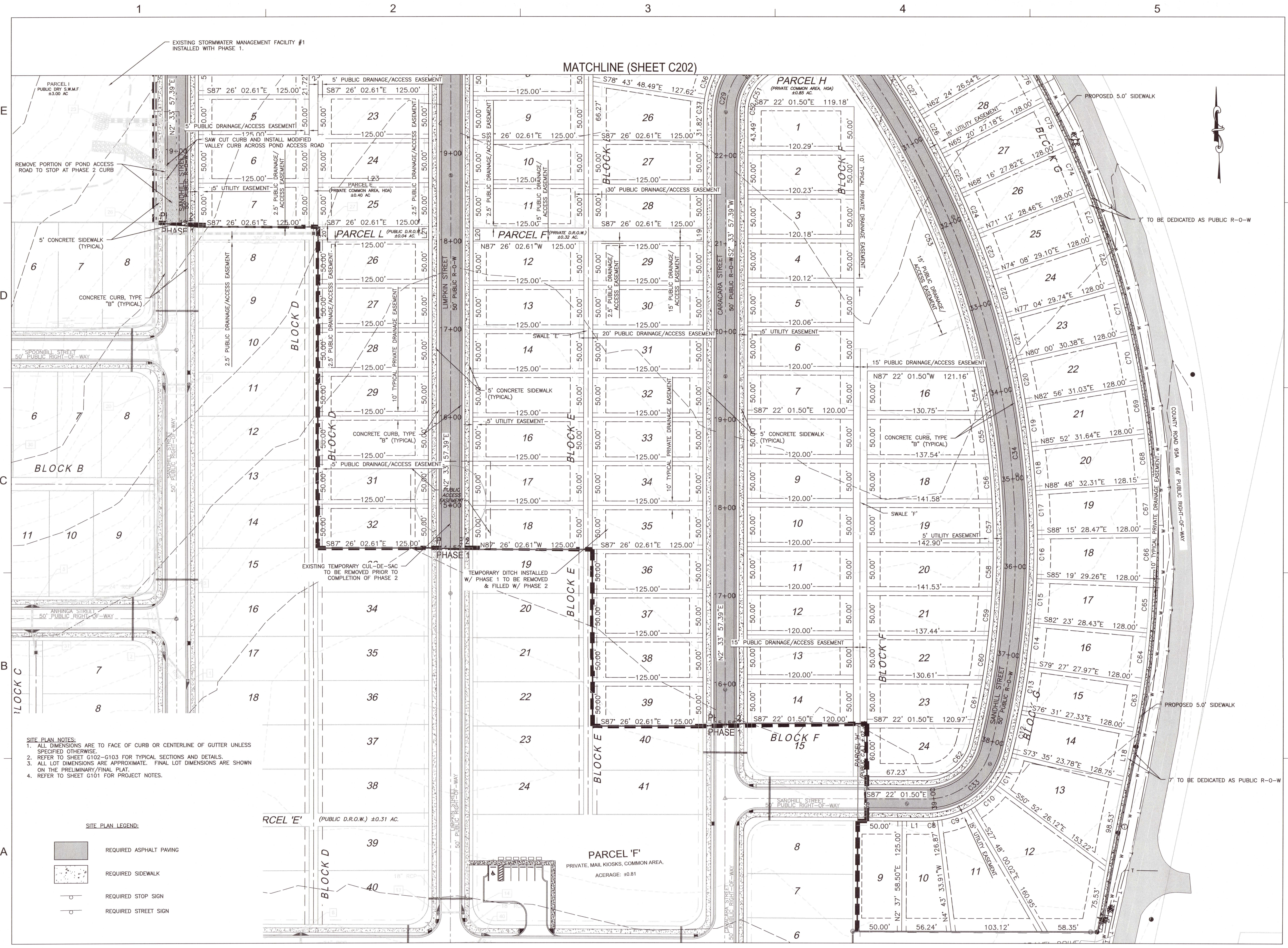
TITLE

SITE PLAN

PROJECT NO. 50128595

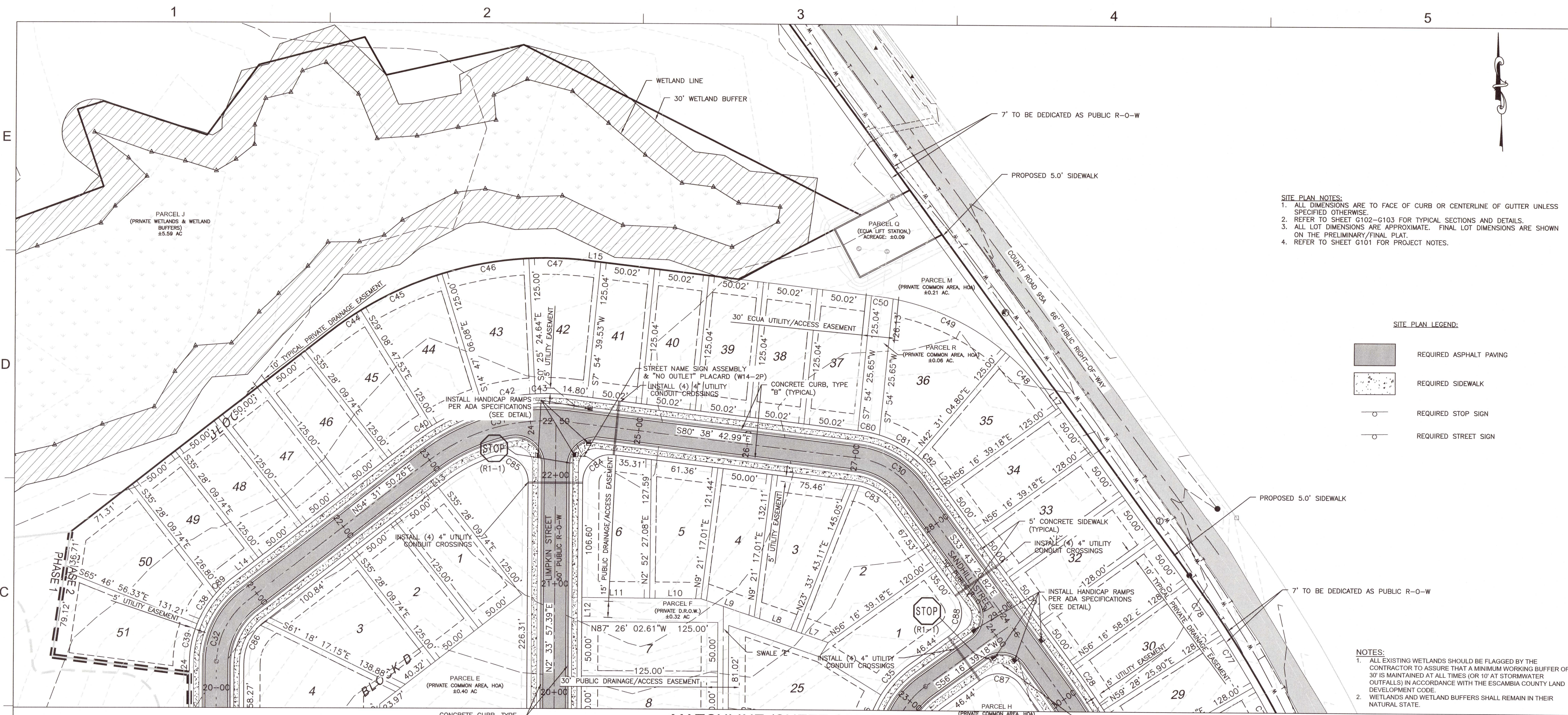
C201

SHEET NO.



- SITE PLAN NOTES:
1. ALL DIMENSIONS ARE TO FACE OF CURB OR CENTERLINE OF GUTTER UNLESS SPECIFIED OTHERWISE.
 2. REFER TO SHEET G102-G103 FOR TYPICAL SECTIONS AND DETAILS.
 3. ALL LOT DIMENSIONS ARE APPROXIMATE. FINAL LOT DIMENSIONS ARE SHOWN ON THE PRELIMINARY/FINAL PLAT.
 4. REFER TO SHEET G101 FOR PROJECT NOTES.

- SITE PLAN LEGEND:
- REQUIRED ASPHALT PAVING
 - REQUIRED SIDEWALK
 - REQUIRED STOP SIGN
 - REQUIRED STREET SIGN



- SITE PLAN NOTES:**
1. ALL DIMENSIONS ARE TO FACE OF CURB OR CENTERLINE OF GUTTER UNLESS SPECIFIED OTHERWISE.
 2. REFER TO SHEET G102-G103 FOR TYPICAL SECTIONS AND DETAILS.
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- SITE PLAN LEGEND:**
- REQUIRED ASPHALT PAVING
 - REQUIRED SIDEWALK
 - REQUIRED STOP SIGN
 - REQUIRED STREET SIGN

- NOTES:**
1. ALL EXISTING WETLANDS SHOULD BE FLAGGED BY THE CONTRACTOR TO ASSURE THAT A MINIMUM WORKING BUFFER OF 30' IS MAINTAINED AT ALL TIMES (OR 10' AT STORMWATER OUTFALLS) IN ACCORDANCE WITH THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE.
 2. WETLANDS AND WETLAND BUFFERS SHALL REMAIN IN THEIR NATURAL STATE.

MATCHLINE (SHEET C201)

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C8	12.84	100.00	7.36	N88° 57' 12"E	12.84
C9	40.27	100.00	23.07	N73° 44' 13"E	40.00
C10	40.27	100.00	23.07	N50° 39' 47"E	40.00
C11	40.27	100.05	23.06	N27° 35' 32"E	40.00
C12	50.34	976.68	2.95	N14° 55' 57"E	50.34
C13	50.01	976.68	2.93	N12° 00' 32"E	50.00
C14	50.01	976.68	2.93	N9° 04' 32"E	50.00
C15	50.01	976.68	2.93	N6° 08' 31"E	50.00
C16	50.00	976.68	2.93	N3° 12' 31"E	49.99
C17	50.00	976.68	2.93	N0° 16' 32"E	49.99
C18	50.01	976.68	2.93	N2° 39' 28"W	50.00
C19	50.01	976.68	2.93	N5° 35' 29"W	50.00
C20	50.01	976.68	2.93	N8° 31' 29"W	50.00
C21	50.01	976.68	2.93	N11° 27' 30"W	50.00
C22	50.01	976.68	2.93	N14° 23' 31"W	50.00
C23	50.01	976.68	2.93	N17° 19' 31"W	50.00
C24	50.01	976.68	2.93	N20° 15' 32"W	50.00
C25	50.01	976.68	2.93	N23° 11' 33"W	50.00
C26	50.01	976.68	2.93	N26° 07' 33"W	50.00
C27	50.01	976.68	2.93	N29° 03' 34"W	50.00

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C28	50.01	983.86	2.91	N31° 59' 34"W	50.00
C35	38.68	100.00	22.16	S45° 11' 47"W	38.44
C36	39.87	100.00	22.85	S22° 41' 33"W	39.61
C37	15.19	100.00	8.70	S6° 55' 04"W	15.18
C38	33.90	100.00	19.43	S33° 55' 51"W	33.74
C39	37.79	100.00	21.65	S13° 23' 31"W	37.56
C40	22.07	200.00	6.32	S57° 41' 31"W	22.06
C41	50.13	200.00	14.36	S68° 02' 03"W	50.00
C42	50.13	200.00	14.36	S82° 23' 45"W	50.00
C43	33.10	200.00	9.48	N85° 40' 57"W	33.06
C44	35.88	243.64	8.44	S57° 41' 31"W	35.85
C45	81.46	325.00	14.36	S68° 02' 03"W	81.25
C46	81.46	325.00	14.36	S82° 23' 45"W	81.25
C47	55.47	325.00	9.78	N85° 32' 04"W	55.40
C48	54.03	225.00	13.76	N40° 36' 08"W	53.90
C49	115.89	225.00	29.51	N62° 14' 15"W	114.61
C50	20.03	257.31	4.46	N79° 20' 16"W	20.02
C51	40.34	50.00	46.23	S33° 09' 49"W	39.26
C52	6.53	50.00	7.48	S6° 18' 28"W	6.53
C53	385.77	926.68	23.85	N21° 47' 48"W	382.99

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C54	50.93	926.68	3.15	N8° 17' 47"W	50.92
C55	50.47	926.68	3.12	N5° 09' 42"W	50.47
C56	50.17	926.68	3.10	N2° 03' 00"W	50.17
C57	50.03	926.68	3.09	N1° 02' 51"E	50.02
C58	50.02	926.68	3.09	N4° 08' 26"E	50.02
C59	50.17	926.68	3.10	N7° 14' 16"E	50.16
C60	50.46	926.68	3.12	N10° 20' 56"E	50.46
C61	50.92	926.68	3.15	N13° 28' 58"E	50.91
C62	66.48	50.00	76.18	N54° 32' 29"E	61.69
C63	56.56	1106.30	2.93	N12° 00' 34"E	56.55
C64	56.56	1104.87	2.93	N9° 04' 32"E	56.55
C65	56.56	1104.81	2.93	N6° 08' 31"E	56.55
C66	56.55	1105.03	2.93	N3° 12' 31"E	56.55
C67	56.55	1104.74	2.93	N0° 16' 32"E	56.55
C68	56.56	1104.72	2.93	N2° 39' 28"W	56.55
C69	56.56	1104.70	2.93	N5° 35' 29"W	56.55
C70	56.56	1104.69	2.93	N8° 31' 29"W	56.55
C71	56.56	1104.69	2.93	N11° 27' 30"W	56.55
C72	56.56	1104.69	2.93	N14° 23' 31"W	56.55
C73	56.56	1104.68	2.93	N17° 19' 31"W	56.55

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C74	56.56	1104.68	2.93	N20° 15' 32"W	56.56
C75	56.56	1104.68	2.93	N23° 11' 33"W	56.55
C76	56.56	1105.48	2.93	N26° 07' 41"W	56.55
C77	56.56	1088.63	2.98	N29° 03' 27"W	56.55
C78	57.38	1239.79	2.65	N32° 00' 05"W	57.37
C80	20.14	102.43	11.26	N76° 14' 02"W	20.11
C81	40.27	100.00	23.07	N59° 01' 08"W	40.00
C82	24.01	100.00	13.76	N40° 36' 08"W	23.96
C83	40.95	50.00	46.92	N57° 11' 02"W	39.81
C84	42.23	25.00	96.79	S50° 57' 37"W	37.39
C85	47.69	25.00	109.29	N52° 04' 38"W	40.78
C86	45.35	50.00	51.96	S28° 32' 54"W	43.81
C87	39.27	25.00	90.00	N78° 43' 21"W	35.36
C88	39.27	25.00	90.00	N11° 16' 39"E	35.36
C89	19.00	100.00	10.89	S49° 05' 14"W	18.97

Parcel Line Table		
Line #	Length	Direction
L1	27.18	N87° 22' 01.50"W
L7	31.28	N68° 36' 03.24"W
L8	40.75	N68° 36' 03.24"W
L9	51.13	N68° 36' 03.24"W
L10	47.26	N87° 07' 32.92"W
L11	62.33	N87° 07' 32.92"W
L15	10.61	S80° 38' 42.99"E
L16	27.96	N54° 31' 50.26"E
L17	16.11	S33° 43' 20.82"E
L18	56.58	N14° 10' 41.98"E
L19	15.00	N2° 33' 57.39"E
L20	15.00	S2° 33' 57.39"W
L21	15.00	N2° 33' 57.39"E
L22	16.11	S33° 43' 20.82"E
L24	8.79	N2° 33' 57.39"E

Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C34	951.68	833.36	S8° 38' 10.49"E	(1082276.54,609593.60)	(1082397.72,608795.76)
C33	75.00	99.72	S54° 32' 29.17"W	(1082397.72,608795.76)	(1082322.34,608742.08)
C32	75.00	68.02	N28° 32' 53.82"E	(1081514.36,609636.10)	(1081545.76,609693.82)
C31	175.00	136.91	N76° 56' 33.64"E	(1081716.04,609815.14)	(1081846.03,609845.29)
C30	75.00	61.42	S57° 11' 01.90"E	(1082108.86,609801.99)	(1082159.05,609769.62)
C29	75.00	70.31	N29° 25' 18.29"E	(1082130.24,609530.19)	(1082163.52,609589.22)



Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

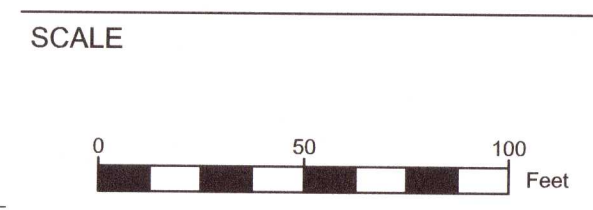
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SUBDIVISION
PHASE TWO
D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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A VALID SIGNATURE



DAVID B. TILLAR, P.E.
FL. PE No. 86282

PERMIT SET
NOT FOR CONSTRUCTION



REVISIONS		
NO.	DESCRIPTION	DATE

DRAWN BY _____ CAH
APPROVED BY _____ DBT
CHECKED BY _____ JMB
DATE _____ OCTOBER 2020
TITLE _____

SITE PLAN

PROJECT NO. 50128595

C202

SHEET NO.



Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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ESCAMBIA COUNTY, FLORIDA

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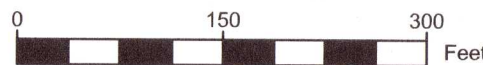
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FL. PE. No. 18662
CO#18794

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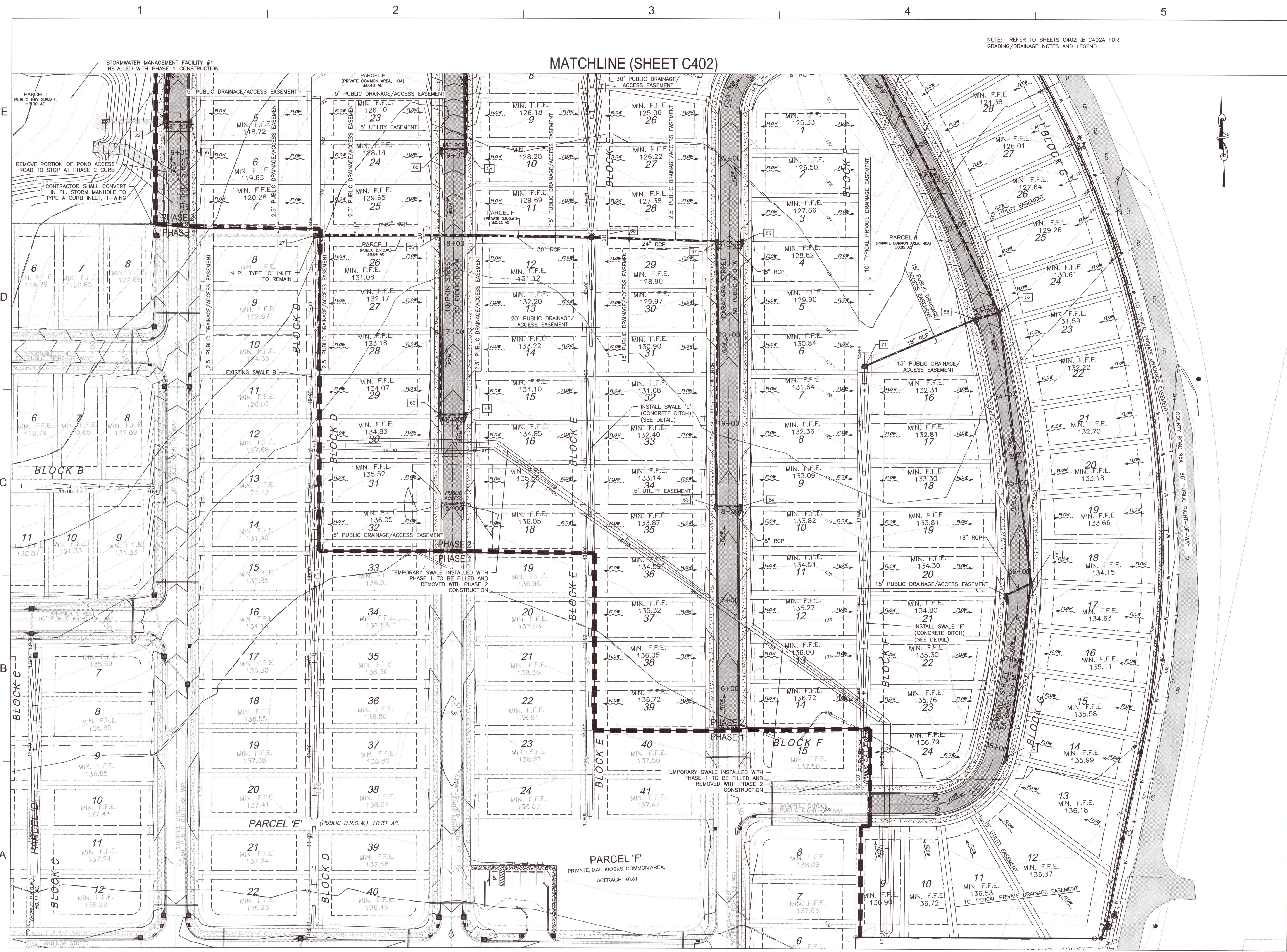
OVERALL
GRADING PLAN

PROJECT NO. 50128595

C400

SHEET NO.

- NOTES:
- ALL EXISTING WETLANDS SHOULD BE FLAGGED BY THE CONTRACTOR TO ASSURE THAT A MINIMUM WORKING BUFFER OF 30' IS MAINTAINED AT ALL TIMES (OR 10' AT STORMWATER OUTFALLS) IN ACCORDANCE WITH THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE.
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NOTE: REFER TO SHEETS C402 & C402A FOR GRADING/DRAINAGE NOTES AND LEGEND.



Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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ESCAMBIA COUNTY, FLORIDA

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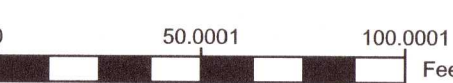
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DAVID B. TILLAR, P.E.
FL. REG. NO. 16022

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REVISIONS

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DATE _____ OCTOBER 2020

TITLE

GRADING PLAN

PROJECT NO. 50128595

C401

SHEET NO.

GRADING AND DRAINAGE NOTES:

1. THE CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO COMMENCEMENT OF ANY CLEARING AND GRUBBING ACTIVITIES TO ASSURE NO LOSS OF SEDIMENT.
2. THE EROSION AND SEDIMENT CONTROL DEVICES SHOWN ARE TO BE CONSIDERED ADEQUATE TO PREVENT THE LOSS OF SEDIMENT. ADDITIONAL BMP DEVICES MAY BE REQUIRED DUE TO SEQUENCE OF CONSTRUCTION.
3. REFER TO SHEETS C501-C502 FOR REQ'D BMP MEASURES REQUIRED DURING CONSTRUCTION.
4. ALL STORM PIPE SHALL BE CLASS 3 RCP AND BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, SECTION 430.
5. ALL STORM DRAINAGE STRUCTURES SHALL BE PRECAST CONCRETE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, SECTION 425.
6. ALL GRATES AND MANHOLE RINGS/COVERS SHALL PROVIDE A MINIMUM HS-20 LOAD CAPACITY.
7. CONTRACTOR SHALL USE EITHER FLARED-END SECTIONS (FES) AS SHOWN OR MITERED END SECTIONS (MES). EITHER END TREATMENT SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, SECTION 430, 425, AND 449.
8. REFER TO SHEETS C438 FOR STRUCTURE AND PIPE TABLES.
9. REFER TO SHEETS C405-C409 FOR ROADWAY, STORM DRAINAGE, AND SANITARY SEWER PLAN AND PROFILES.

BENCHMARKS USED FOR PHASE 1 ARE LOCATED ON THE WEST SIDE OF STACEY ROAD. BENCHMARK #1 IS LOCATED APPROXIMATELY 20' NORTH WEST OF THE INTERSECTION OF STACEY ROAD AND COWETA ROAD. BENCHMARK #2 IS LOCATED APPROXIMATELY 56' FROM THE REAR LOT LINE OF LOT 16, BLOCK B, ON THE WEST SIDE OF STACEY ROAD. COORDINATES FOR BOTH BENCHMARKS CAN BE SEEN BELOW.

TBM #1
N:608344.56
E:1080926.44
ELEV:128.40

TBM#2
N:608974.71
E:1080961.53
ELEV:103.42

GRADING AND DRAINAGE LEGEND:

PROPOSED STORM MANHOLE/JUNCTION BOX

PROPOSED DROP INLET

PROPOSED CURB INLET, 1-WING

PROPOSED CURB INLET, 2-WING

DRAINAGE FLOW

PROPOSED STORM PIPE

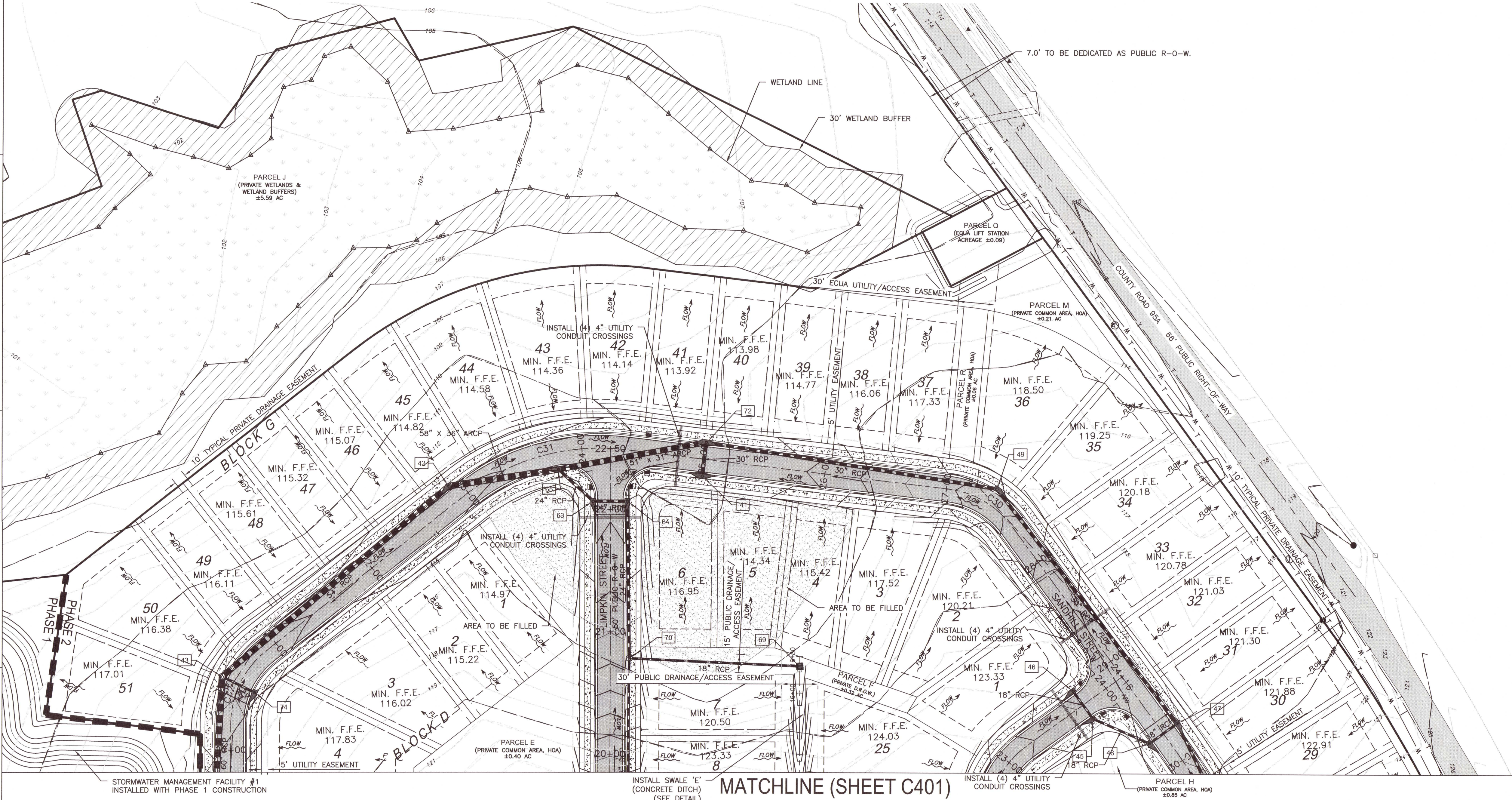
PROPOSED MAJOR CONTOUR

PROPOSED MINOR CONTOUR

PROPOSED DRAINAGE STRUCTURE LABEL

NOTES:

1. ALL EXISTING WETLANDS SHOULD BE FLAGGED BY THE CONTRACTOR TO ASSURE THAT A MINIMUM WORKING BUFFER OF 30' IS MAINTAINED AT ALL TIMES (OR 10' AT STORMWATER OUTFALLS) IN ACCORDANCE WITH THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE.
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TITLE

GRADING PLAN

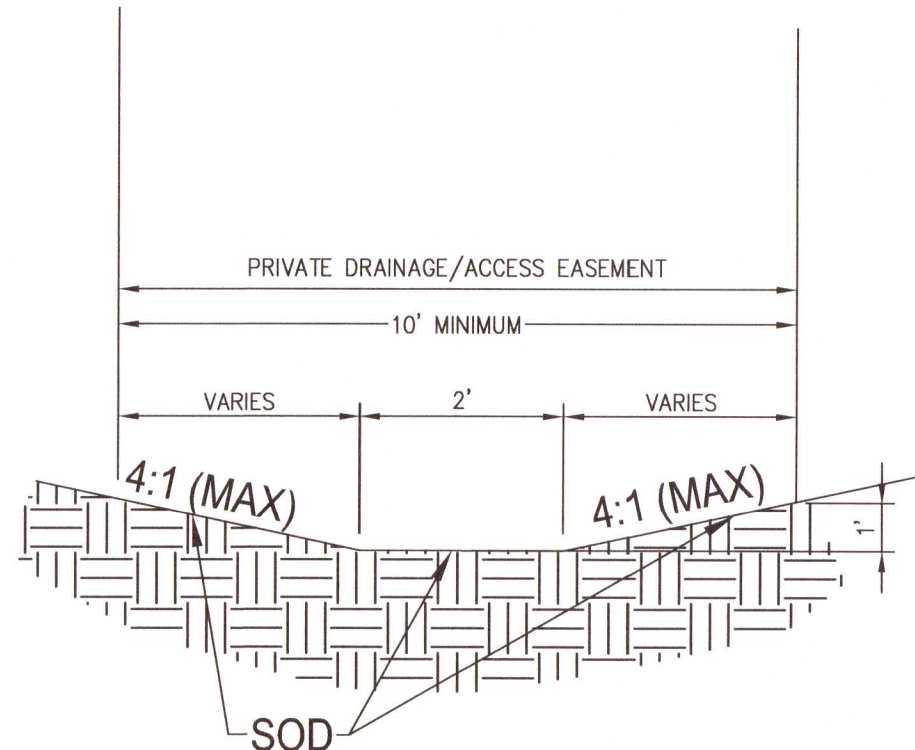
PROJECT NO. 50128595

C402

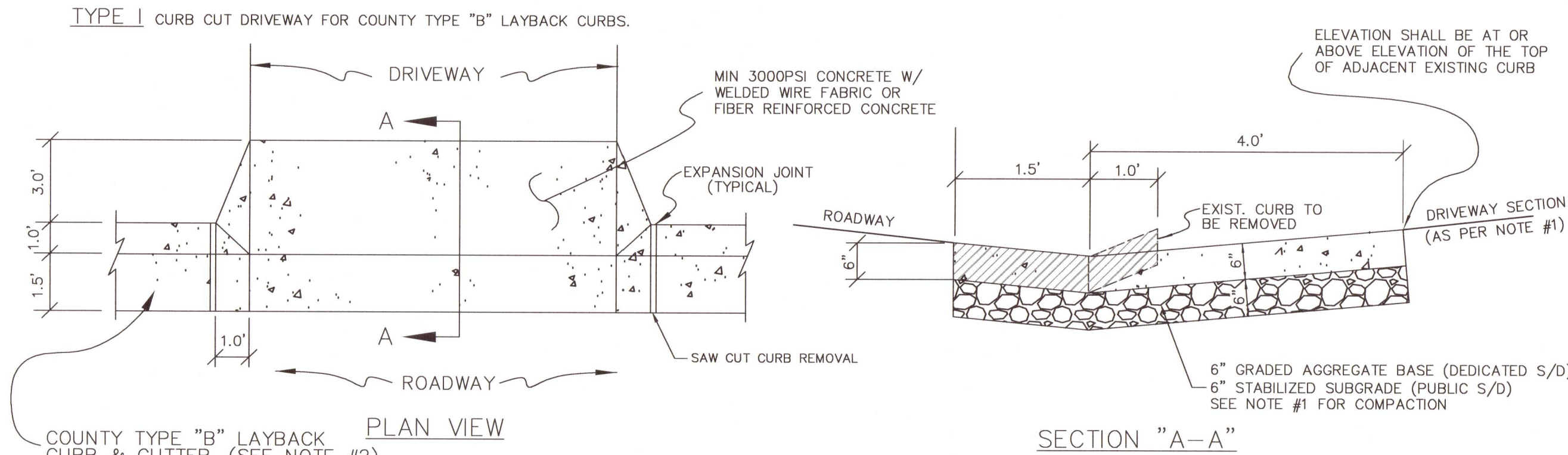
SHEET NO.

E
D
C
B
A

- GRADING AND DRAINAGE NOTES:**
1. THE CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO COMMENCEMENT OF ANY CLEARING AND GRUBBING ACTIVITIES TO ASSURE NO LOSS OF SEDIMENT.
 2. THE EROSION AND SEDIMENT CONTROL DEVICES SHOWN ARE TO BE CONSIDERED ADEQUATE TO PREVENT THE LOSS OF SEDIMENT. ADDITIONAL BMP DEVICES MAY BE REQUIRED DUE TO SEQUENCE OF CONSTRUCTION.
 3. REFER TO SHEETS C501-C502 FOR REQ'D BMP MEASURES REQUIRED DURING CONSTRUCTION.
 4. ALL STORM PIPE SHALL BE CLASS 3 RCP AND BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, SECTION 430.
 5. ALL STORM DRAINAGE STRUCTURES SHALL BE PRECAST CONCRETE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, SECTION 425.
 6. ALL GRATES AND MANHOLE RINGS/COVERS SHALL PROVIDE A MINIMUM HS-20 LOAD CAPACITY.
 7. CONTRACTOR SHALL USE EITHER FLARED-END SECTIONS (FES) AS SHOWN OR MITERED END SECTIONS (MES). EITHER END TREATMENT SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, SECTION 430, 425, AND 449.
 8. REFER TO SHEETS C405-C409 FOR STORM DRAINAGE, ROADWAY, AND UTILITY PROFILES.
 9. REFER TO SHEET C438 FOR STRUCTURE AND PIPE TABLES.
 10. A MINIMUM ONE (1) FOOT GROUND COVER IS REQUIRED FOR ALL UNDERGROUND PIPES.

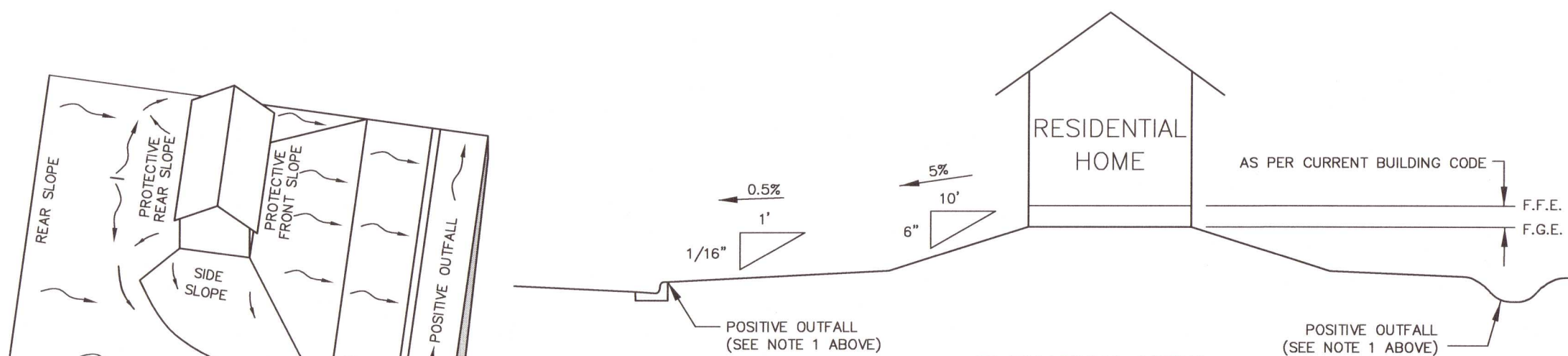


**PRIVATE DRAINAGE EASEMENT SECTION
(BETWEEN LOTS)**
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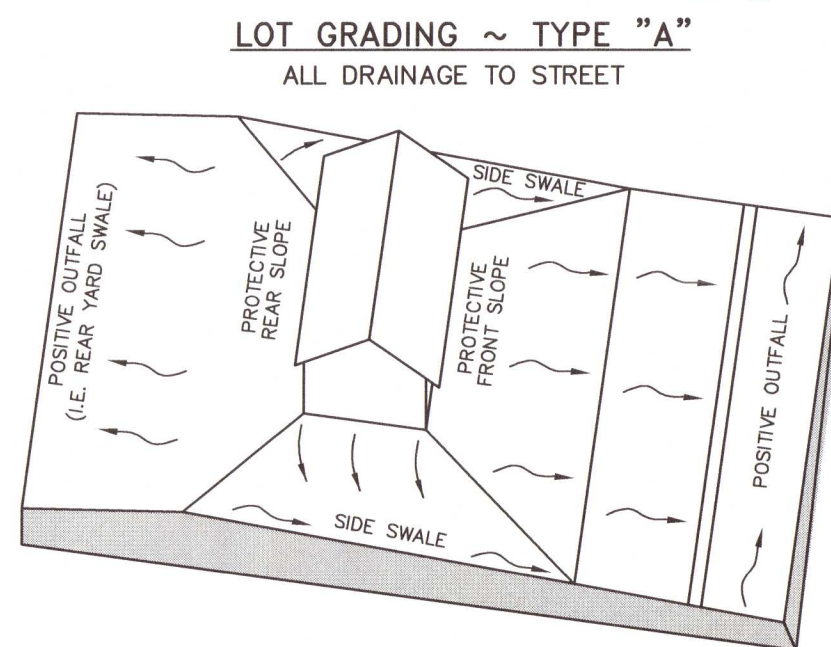


**TYPICAL DRIVEWAY CONNECTION STANDARDS
FOR NEW SUBDIVISION (CURB & GUTTER) ROADWAY CONDITIONS**

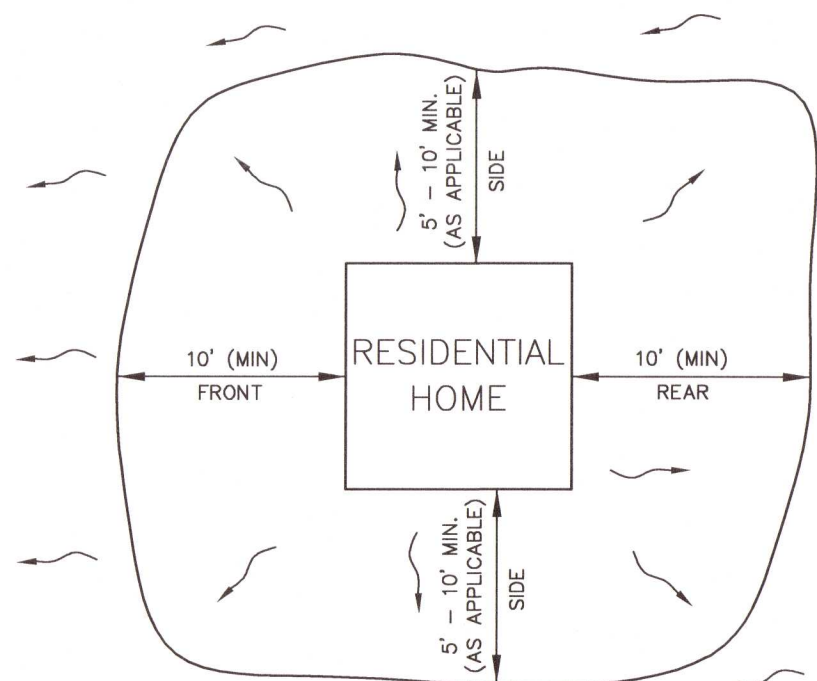
- NOTES:**
1. DRIVEWAY SECTIONS ABUTTING CURB OR CURB CUT SHALL BE 6" CONCRETE WITH 6" STABILIZED SUBGRADE AND 4" TO 6" CONCRETE DRIVEWAY WITH 4" STABILIZED SUBGRADE ~ 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE OF ROADWAY AND R/W LINE.
 2. FOR OTHER TYPE CURBS, DIMENSIONS MAY BE ADJUSTED TO FIT. IF NECESSARY, REFER TO F.D.O.T. INDEX DETAILS.
 3. DRIVEWAYS WITHIN PROPERTY BOUNDARY SHALL PROVIDE A MINIMUM OF 2 PARKING SPACES.
 4. TYPICAL DRIVEWAY SECTIONS ARE TO BE 12' WIDE MINIMUM.
 5. EXISTING SECTION OF CURBING TO BE REMOVED SHALL BE SAW CUT.



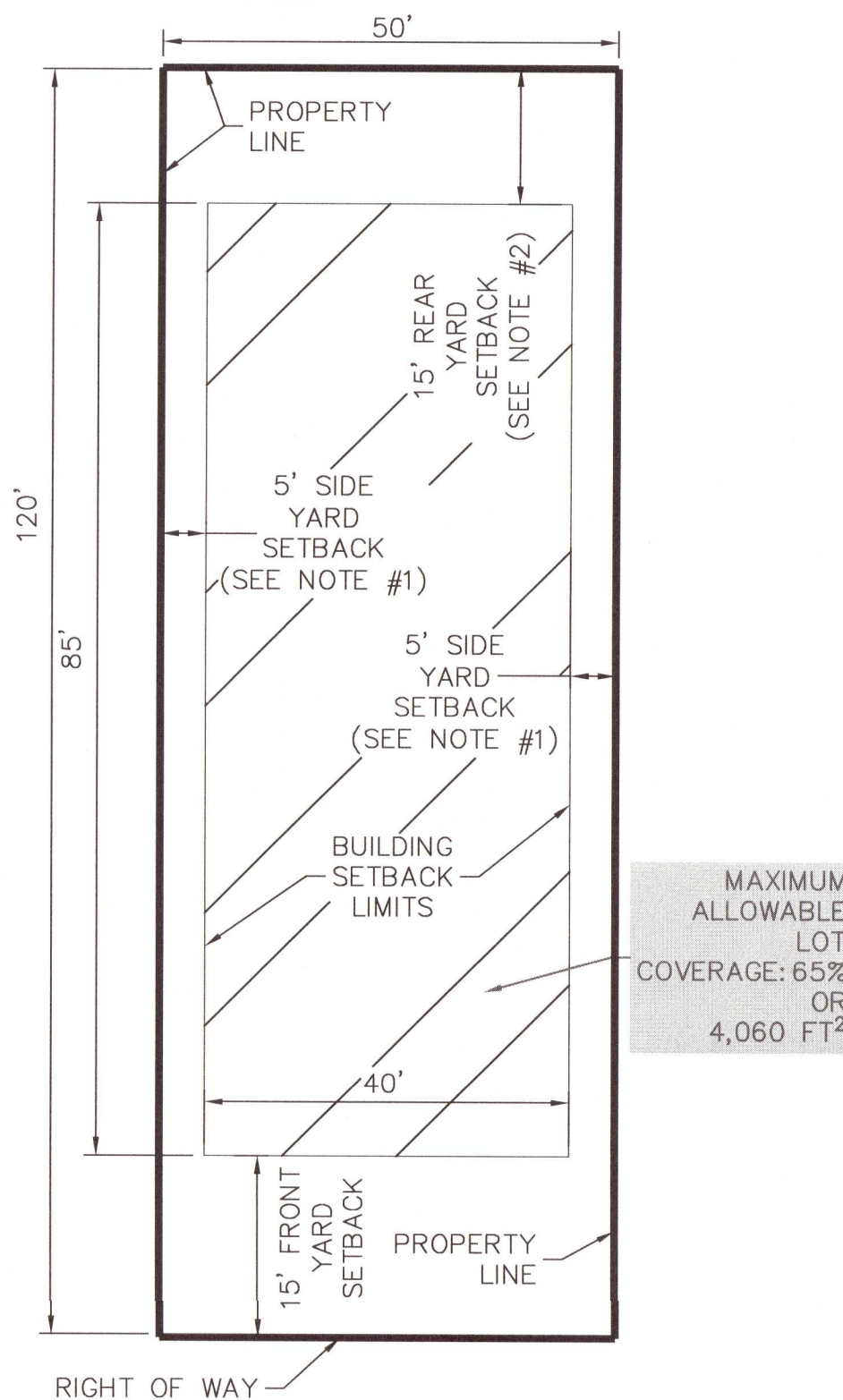
ELEVATION VIEW



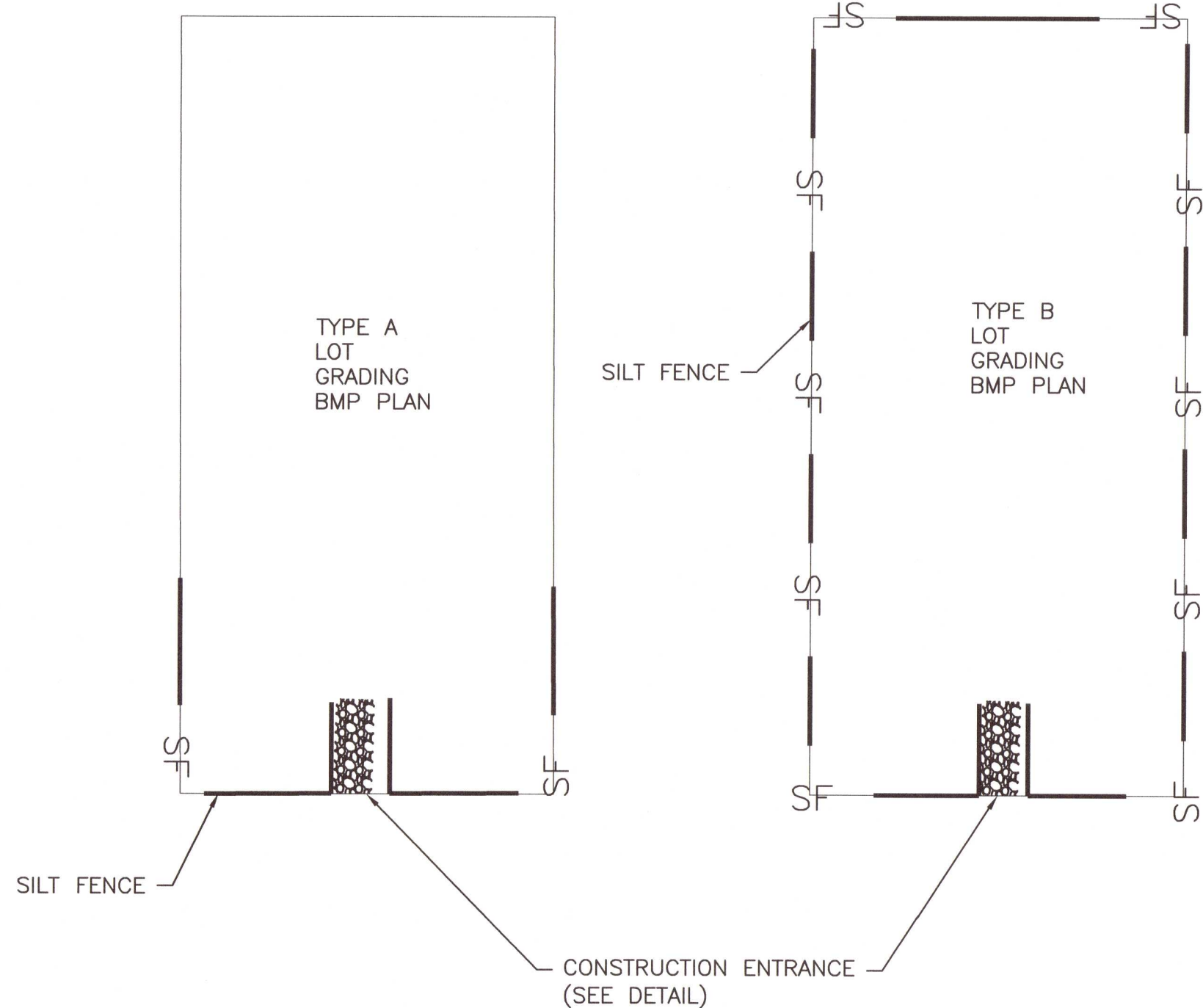
LOT GRADING ~ TYPE "A"
ALL DRAINAGE TO STREET



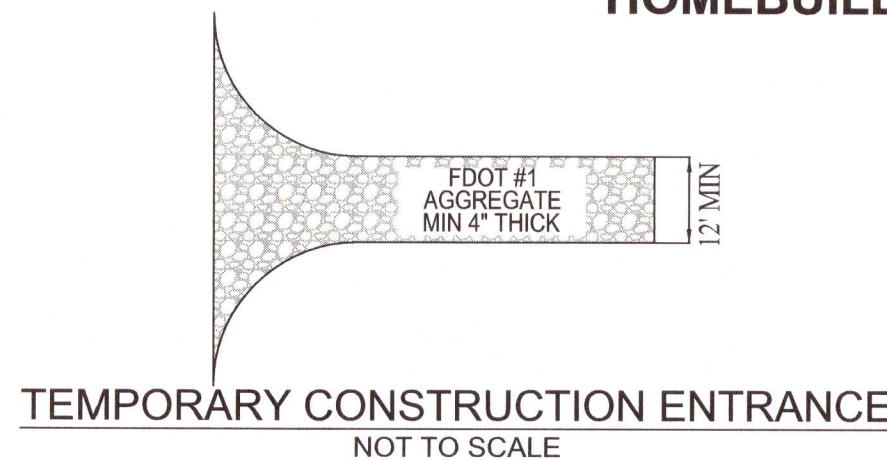
PLAN VIEW



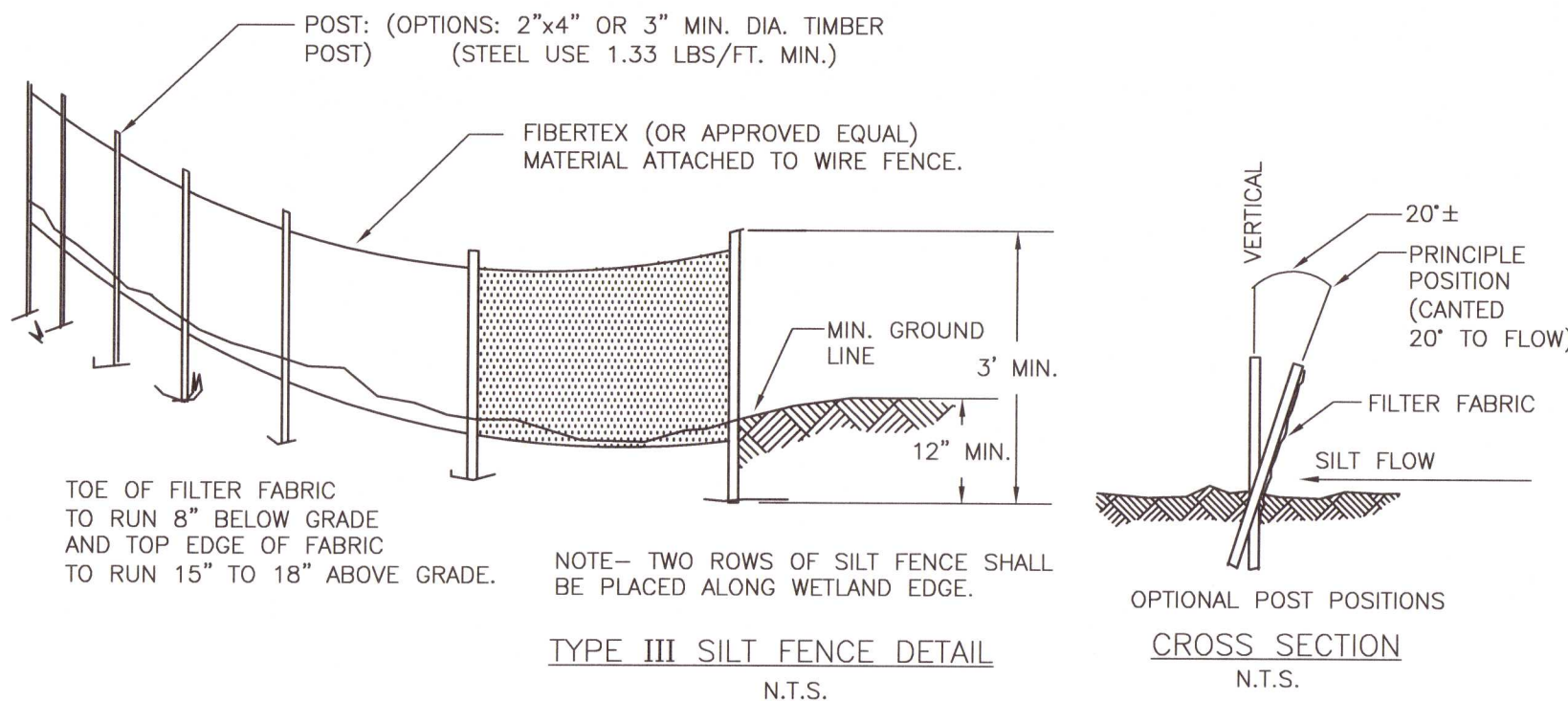
MAXIMUM ALLOWABLE LOT COVERAGE



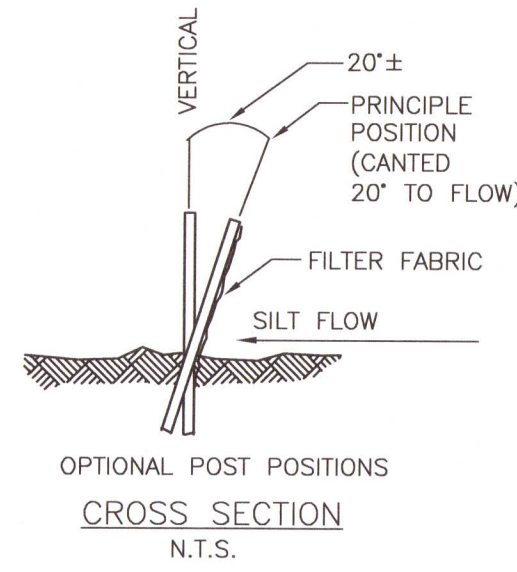
HOMEBUILDER BMP DETAIL



TEMPORARY CONSTRUCTION ENTRANCE
NOT TO SCALE



TYPE III SILTY FENCE DETAIL
N.T.S.



CROSS SECTION
N.T.S.

**MINIMUM STANDARDS FOR TYPICAL RESIDENTIAL
GRADING CONTROL PLAN**

- NOTES:**
1. A POSITIVE DRAINAGE OUTFALL IS A CONVEYANCE SYSTEM (PUBLIC DRAINAGE/ACCESS EASEMENT, ROADWAY WITH A DRAINAGE SYSTEM ~ CURB & GUTTER, OR DITCH) WHICH CONTAINS, CONTROLS, AND TRANSMITS STORMWATER RUNOFF TO A CREEK, STREAM, RIVER, BAY, GULF, OCEAN, OR OTHER WATERS OF THE STATE, OR WATERS OF THE UNITED STATES, OR TO ANY FUNCTIONING ESCAMBIA COUNTY OR STATE DRAINAGE SYSTEM.
 2. FINISH FLOOR ELEVATION SHALL BE AS SPECIFIED BY BUILDING CODE.
 3. THESE ARE MINIMAL REQUIREMENTS AND DO NOT RELIEVE THE BUILDER FROM PROVIDING ADDITIONAL GRADING TO DIRECT STORMWATER TO A POSITIVE OUTFALL DRAINAGE SYSTEM AND ELIMINATE NEGATIVE IMPACTS TO ADJACENT LOTS AND PROPERTIES.
 4. DISTURBED LOT AREAS SHALL BE COMPLETELY STABILIZED WITH SOD. IF THE HOME IS CONSTRUCTED, STABILIZE THE FIRST 10' WITH SOD AND SOD AND/OR SEED AND MULCH THE REMAINDER OF THE LOT.
 5. THE HOMEOWNER SHALL COMPLY WITH STATE PERMITTING REQUIREMENTS FOR LARGE AND SMALL CONSTRUCTION SITES, SPECIFICALLY THE NPDES PERMITS WHICH REQUIRE A DETAILED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BEING AVAILABLE ONSITE FOR REVIEW DURING ALL PHASES OF CONSTRUCTION.
 6. LOT CLEARING ACTIVITIES SHALL NOT PROCEED WITHOUT BUILDING PERMITS FOR THOSE LOTS EXCLUDING CLEARING REQUIRED FOR CONSTRUCTION OF CONVEYANCE SWALES OR DRAINAGE FEATURES DESIGNATED AS THE DEVELOPER'S RESPONSIBILITY.
 7. ALL NEW RUNOFF, DOWNSPOUTS, AND GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO THE ROADS OR SWALES THAT LEAD TO THE RETENTION POND OR APPROVED DRAINAGE SYSTEM.
 8. PROVIDE EROSION CONTROL MEASURES TO ENSURE ALL SEDIMENTS SHALL BE RETAINED ON EACH INDIVIDUAL LOT.
 9. WETLANDS SHALL BE PROTECTED WITH FABRIC SILTY FENCING AND BURIED HAYBALE SYSTEMS (DOUBLE ROWS AS NECESSARY).
 10. CONVEYANCE SWALES SHALL BE BUILT BY THE CONTRACTOR
 11. TREATMENT AND SIDE YARD SWALES SHALL BE BUILT BY THE HOMEOWNER
 12. HOME EQUIPMENT SUCH AS GENERATORS, PUMPS, A/C UNITS ETC., SHALL NOT HINDER DRAINAGE FLOW OF SIDE YARD SWALES

LOT GRADING TABLE

TYPE A	TYPE B
BLOCK D: LOTS: 1-7	BLOCK D: LOTS: 23-32
BLOCK E: LOTS: 1-6	BLOCK E: LOTS: 7-18 25-39
BLOCK G: LOTS: 9-29	BLOCK F: LOTS: 1-14 16-24
	BLOCK G: LOTS: 30-51

**PHASE 2 TOTAL IMPROVEMENTS
IMPERVIOUS AREAS**

RESIDENTIAL IMPERVIOUS:	507,700 FT ²
ROADWAY & CURB:	99,090 FT ²
SIDEWALK:	37,457 FT ²



Dewberry Engineers Inc.
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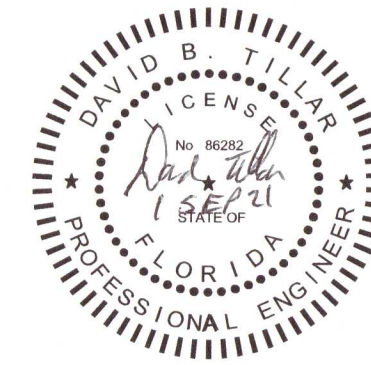
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DAVID B. TILLAR, P.E.
FL. P.E. NO. 14000

COA# 6784

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REVISIONS

NO.	DESCRIPTION	DATE

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DATE _____ OCTOBER 2020

TITLE

GRADING PLAN

PROJECT NO. 50128595

C402A

SHEET NO.

**SANCTUARY
SUBDIVISION**

PHASE TWO

D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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DAVID B. TILLAR, P.E. COA# 8794
FL. PE No. 86282

The diagram shows a horizontal bar divided into 10 equal segments, alternating between black and white. The segments are numbered 0 to 100 in increments of 10. Below the horizontal bar is a vertical bar divided into 10 equal segments, numbered 0 to 10 in increments of 1. The horizontal bar is labeled 'HORIZONTAL' and 'Feet', and the vertical bar is labeled 'VERTICAL'.

NO.	DESCRIPTION	DATE
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DATE _____ OCTOBER 2020

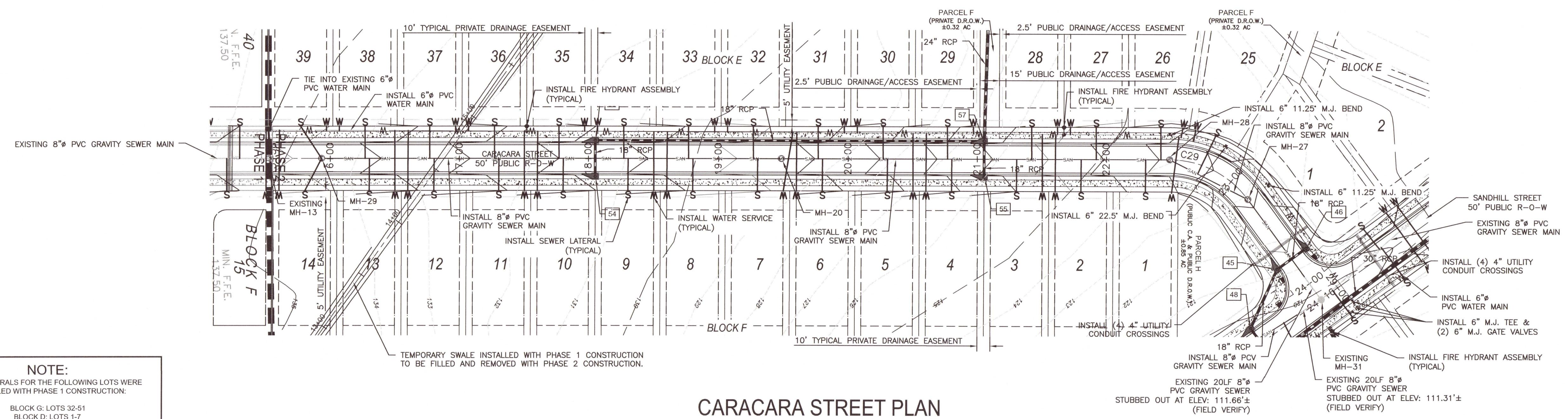
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ROADWAY PLAN AND PROFILE

PROJECT NO. 50128595

C405

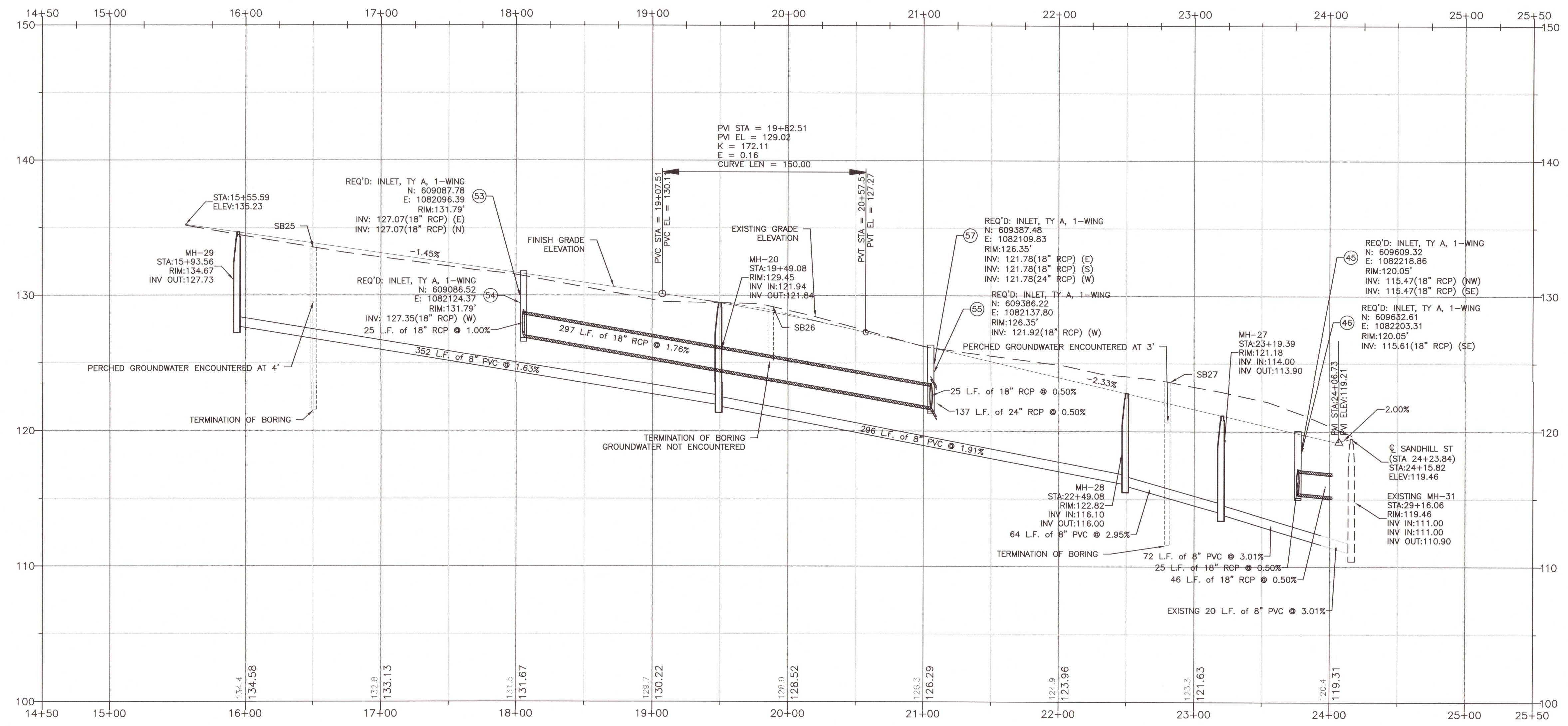
SHEET NO.



CARACARA STREET PLAN

SEWER LATERALS FOR THE FOLLOWING LOTS WERE
INSTALLED WITH PHASE 1 CONSTRUCTION:

BLOCK G: LOTS 32-51
BLOCK D: LOTS 1-7
BLOCK E: LOTS 1-6



CARACARA STREET PROFILE

1

2

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E

D

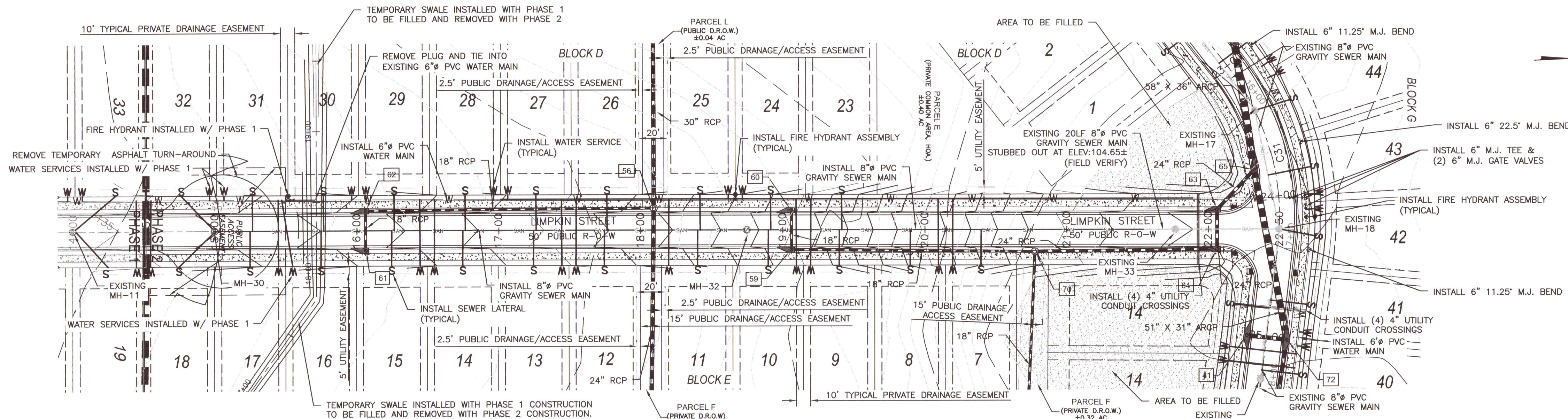
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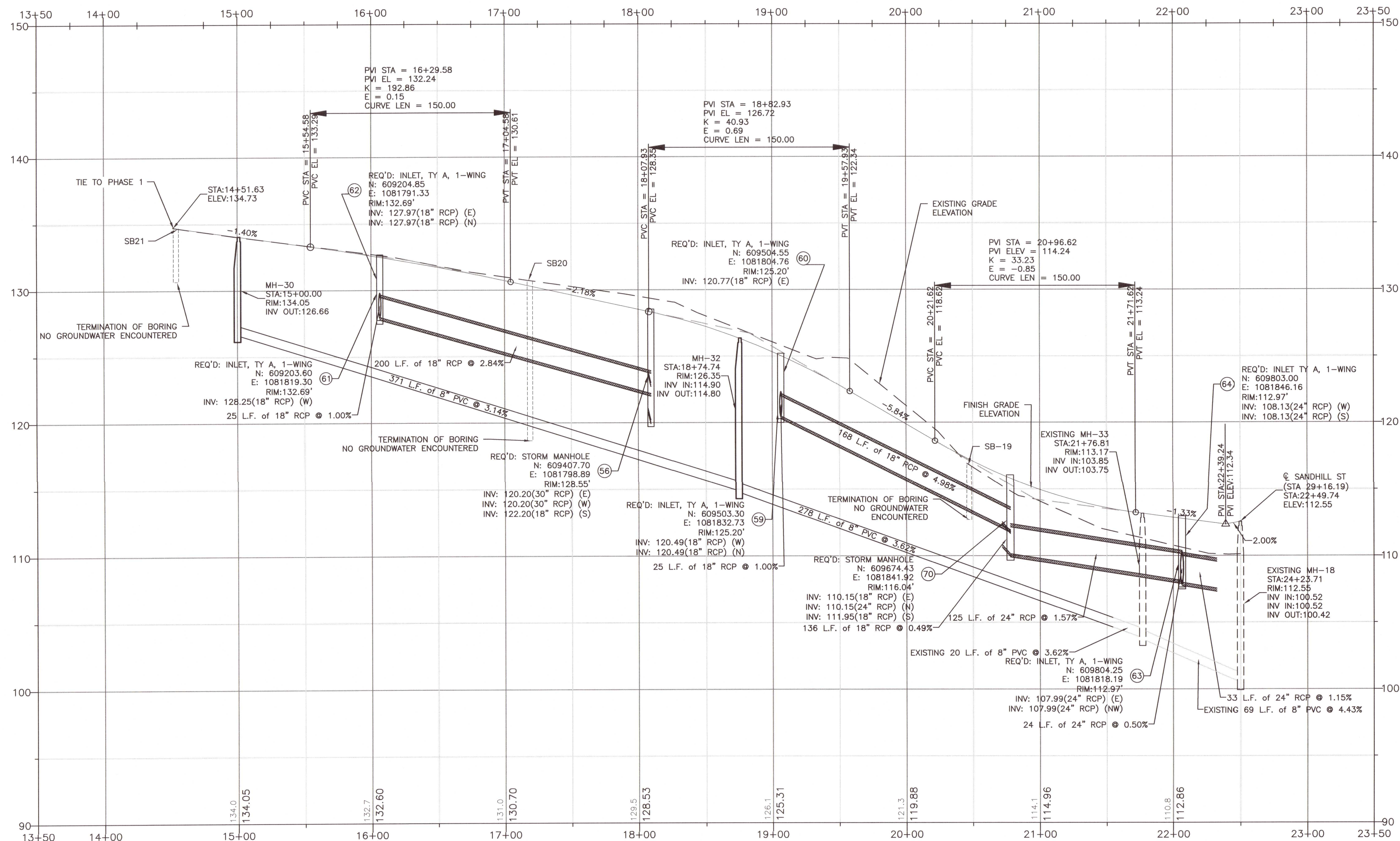
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NOTE:
SEWER LATERALS FOR THE FOLLOWING LOTS WERE
INSTALLED WITH PHASE 1 CONSTRUCTION:

BLOCK G: LOTS 32-51
BLOCK D: LOTS 1-7
BLOCK E: LOTS 1-6



LIMPKIN STREET PLAN



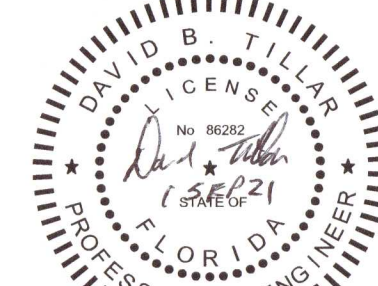
LIMPKIN STREET PROFILE

SANCTUARY
SUBDIVISION

PHASE TWO

D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

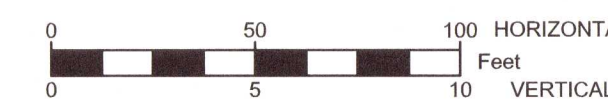
SEAL

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FL. PE No. 86262

COAR 8794

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TITLE

ROADWAY PLAN
AND PROFILE

PROJECT NO. 50128595

C406

SHEET NO.

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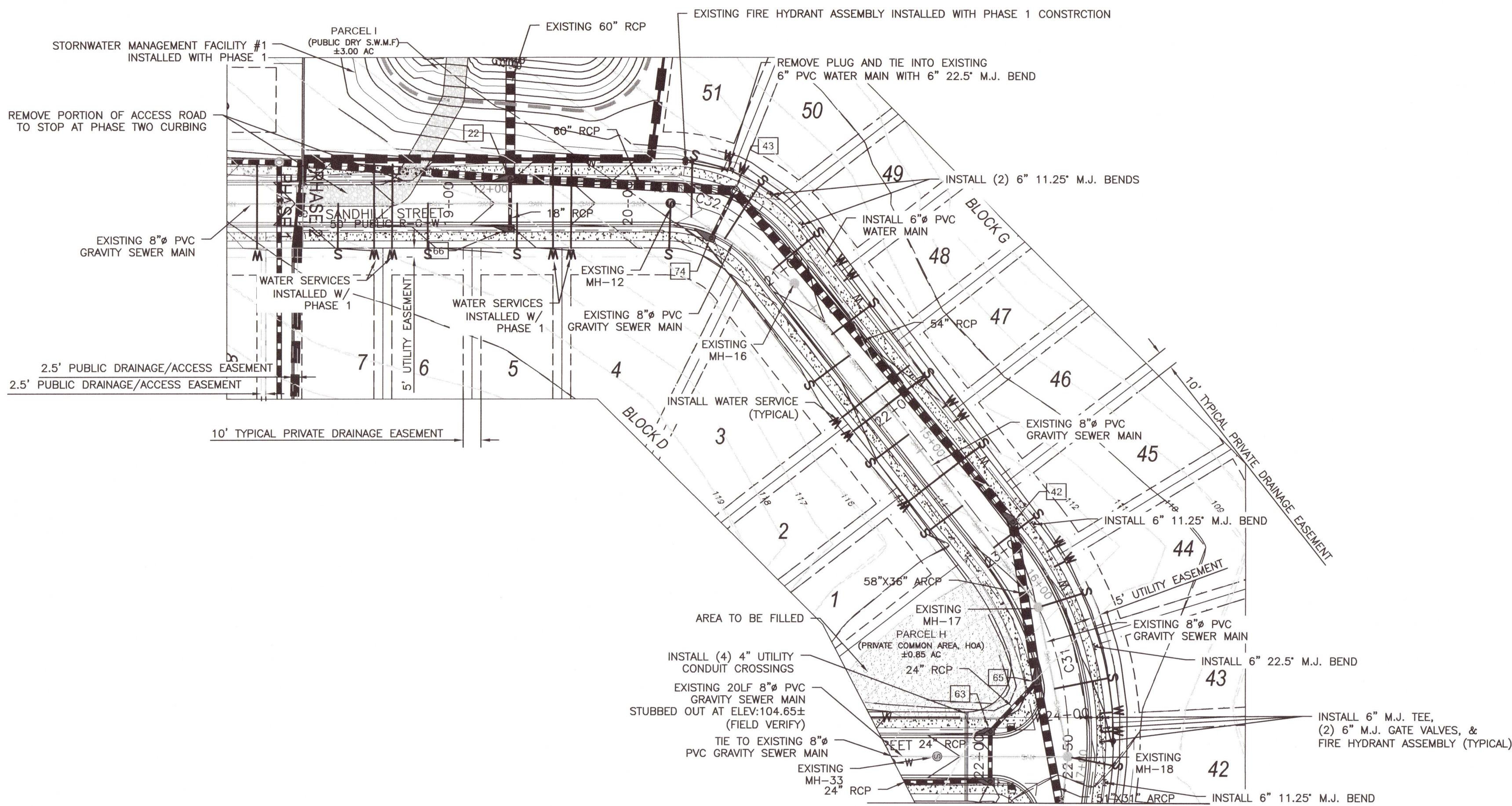
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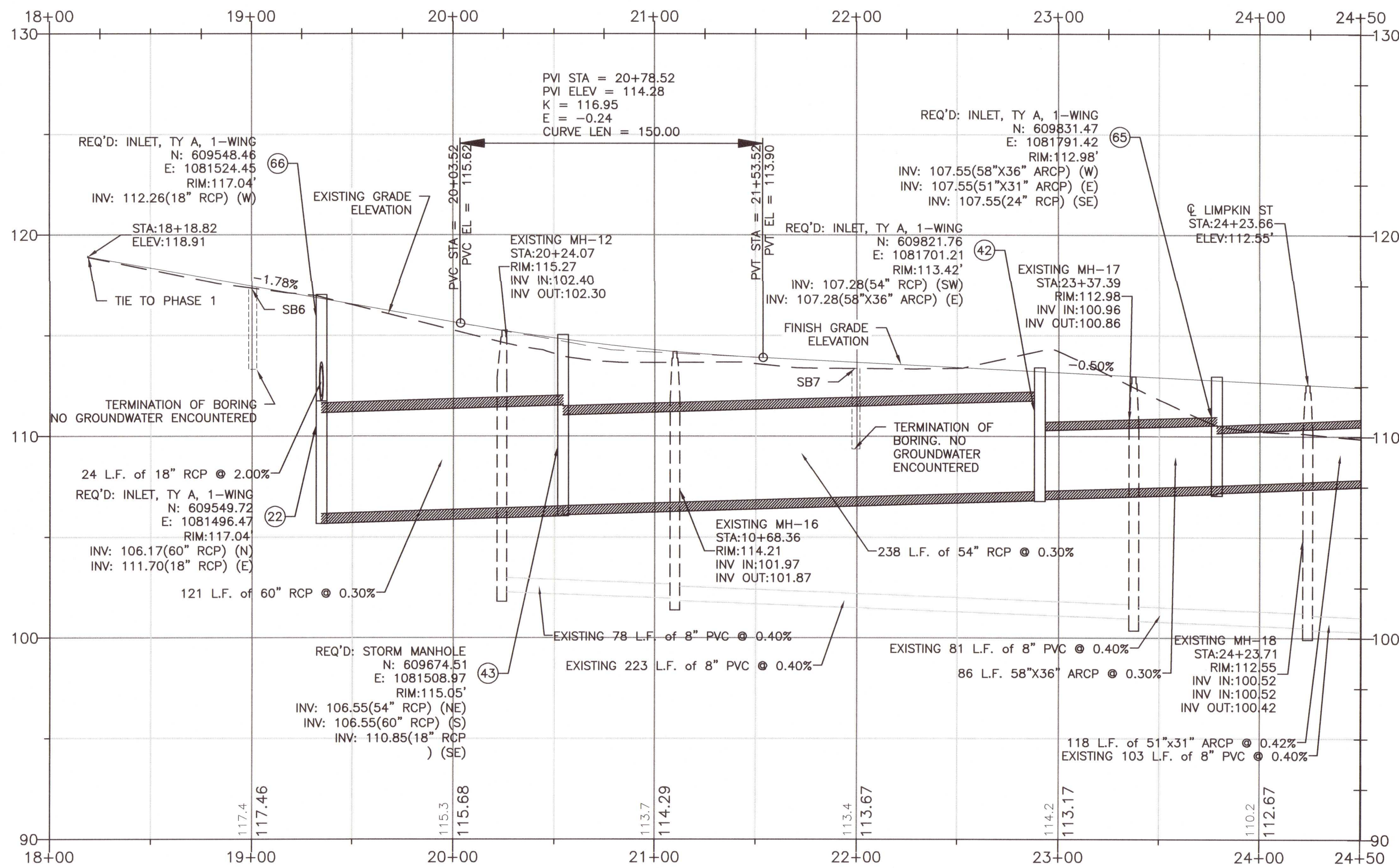
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A



MATCHLINE A - STA 24+50.00
(SHEET C408)

SANDHILL STREET PLAN



SANDHILL STREET PROFILE

MATCHLINE A - STA 24+50.00
(SHEET C408)



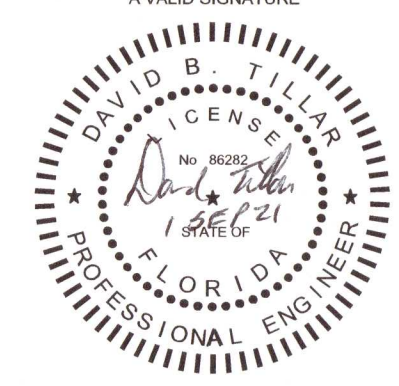
Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

SANCTUARY
SUBDIVISION

PHASE TWO
D. R. HORTON, INC.
ESCAMBA COUNTY, FLORIDA

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FL. PE No. 86282 COA# 8794

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ROADWAY PLAN
AND PROFILE

PROJECT NO. 50128595

C407

SHEET NO.

SEAL

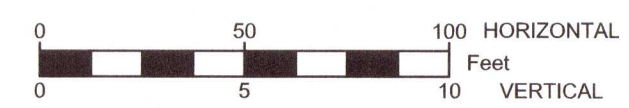
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FL. PE No. 86282

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	DATE _____	OCTOBER 2020

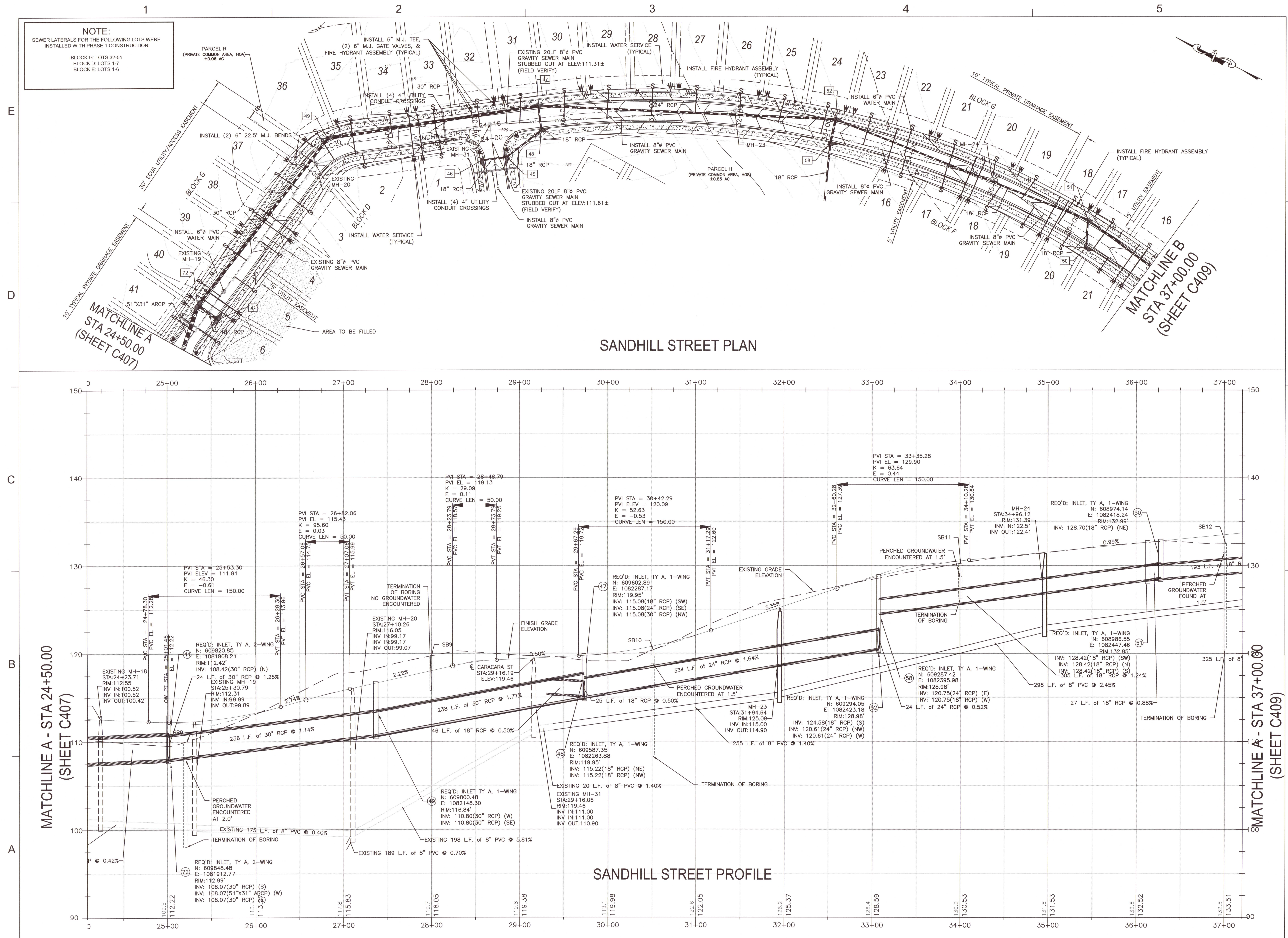
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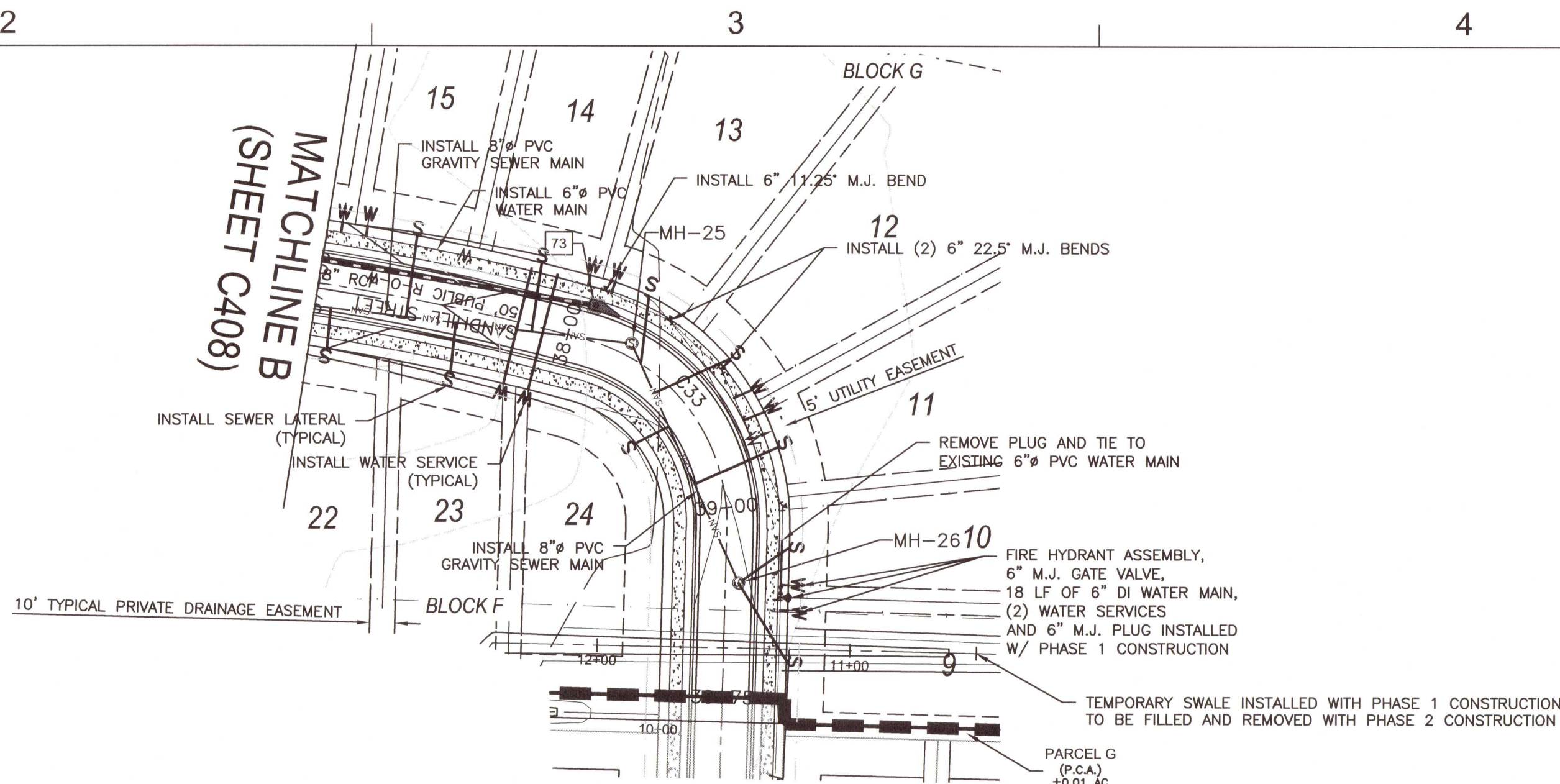
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PROJECT NO.	50128595
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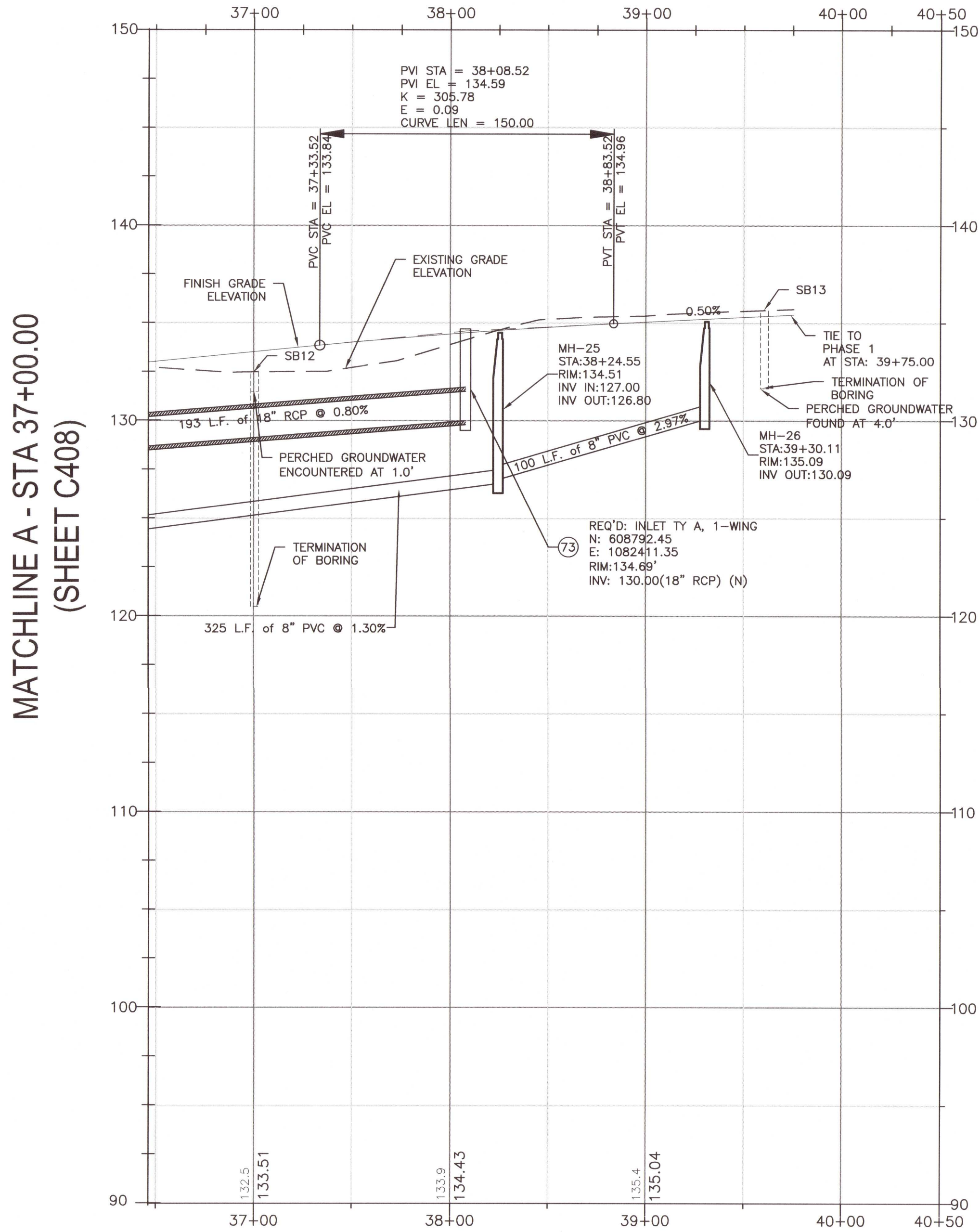
C408

SHEET NO.





SANDHILL STREET PLAN



SANDHILL STREET PROFILE



Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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FL. P.E. No. 86262

COA# 8794

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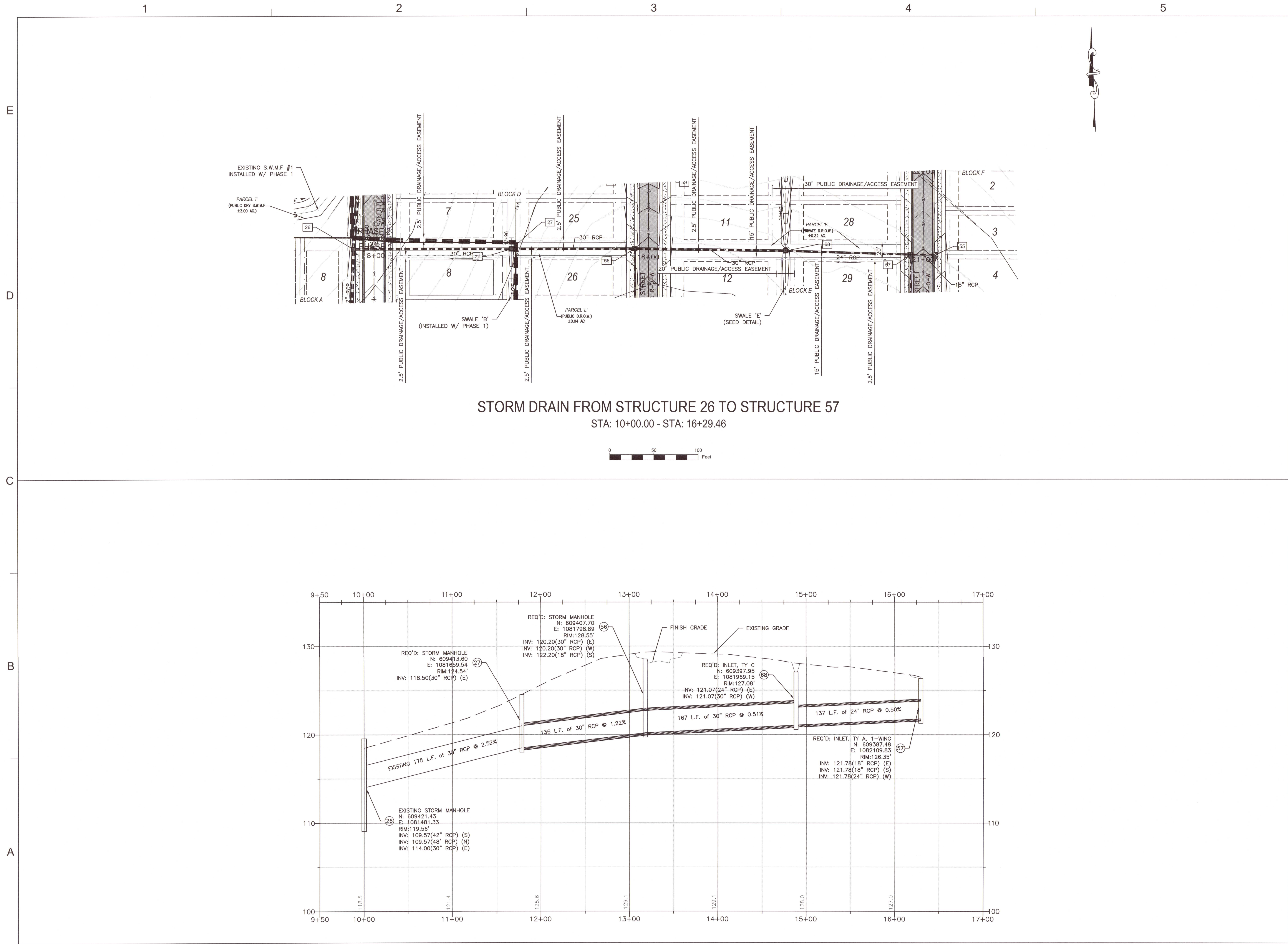
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ROADWAY PLAN
AND PROFILE

PROJECT NO. 50128595

C409

SHEET NO.



Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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PHASE TWO**
D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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DAVID B. TILLAR, P.E.
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CO#A# 8794

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NOT FOR CONSTRUCTION

SCALE



REVISIONS

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DATE _____ OCTOBER 2020

TITLE

**STORM DRAINAGE
PROFILES**

PROJECT NO. 50128595

C410

SHEET NO.

**SANCTUARY
SUBDIVISION**

PHASE TWO

D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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FL. PE No. 86282

COA# 8794

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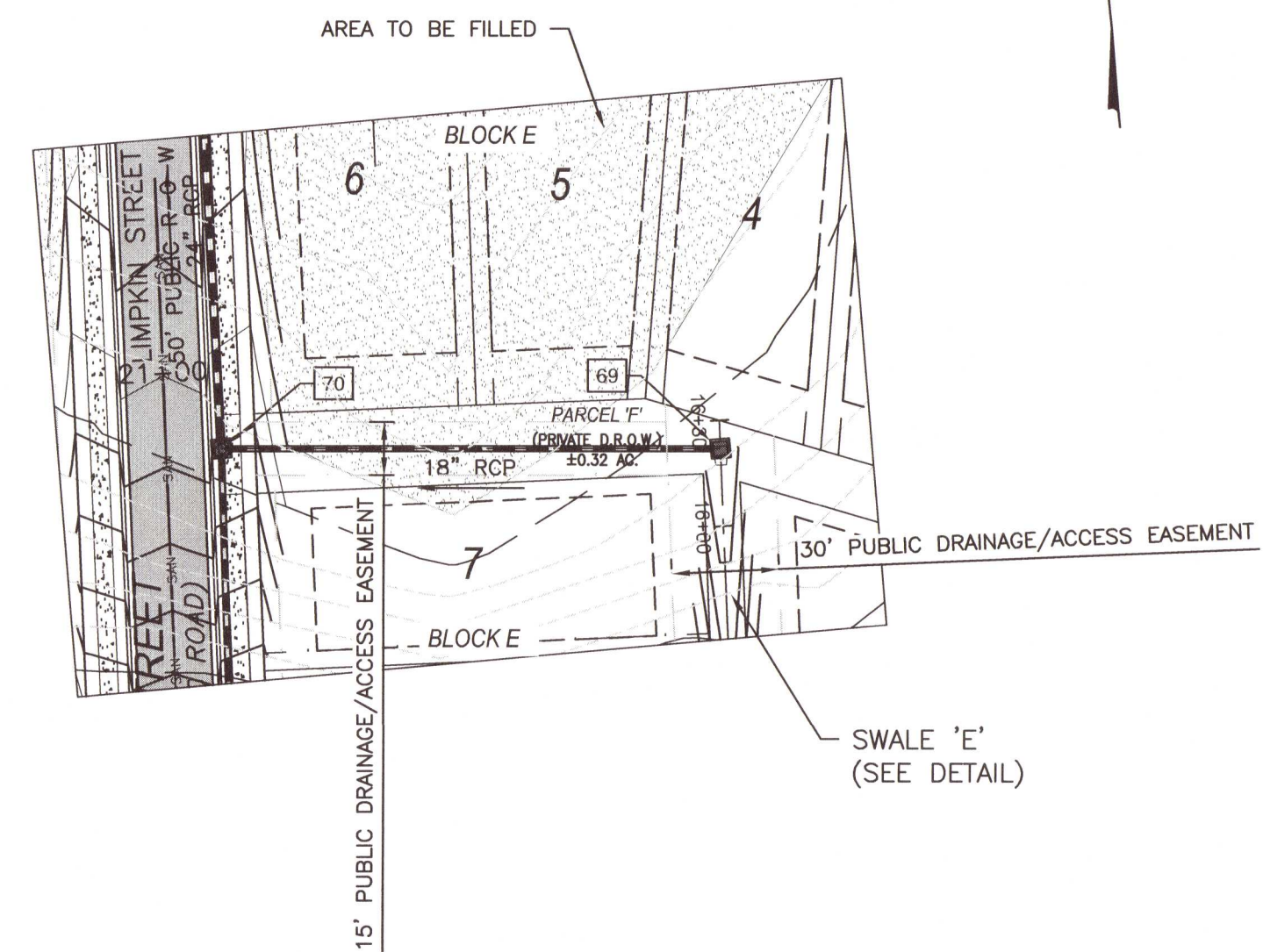
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STORM DRAINAGE PROFILES

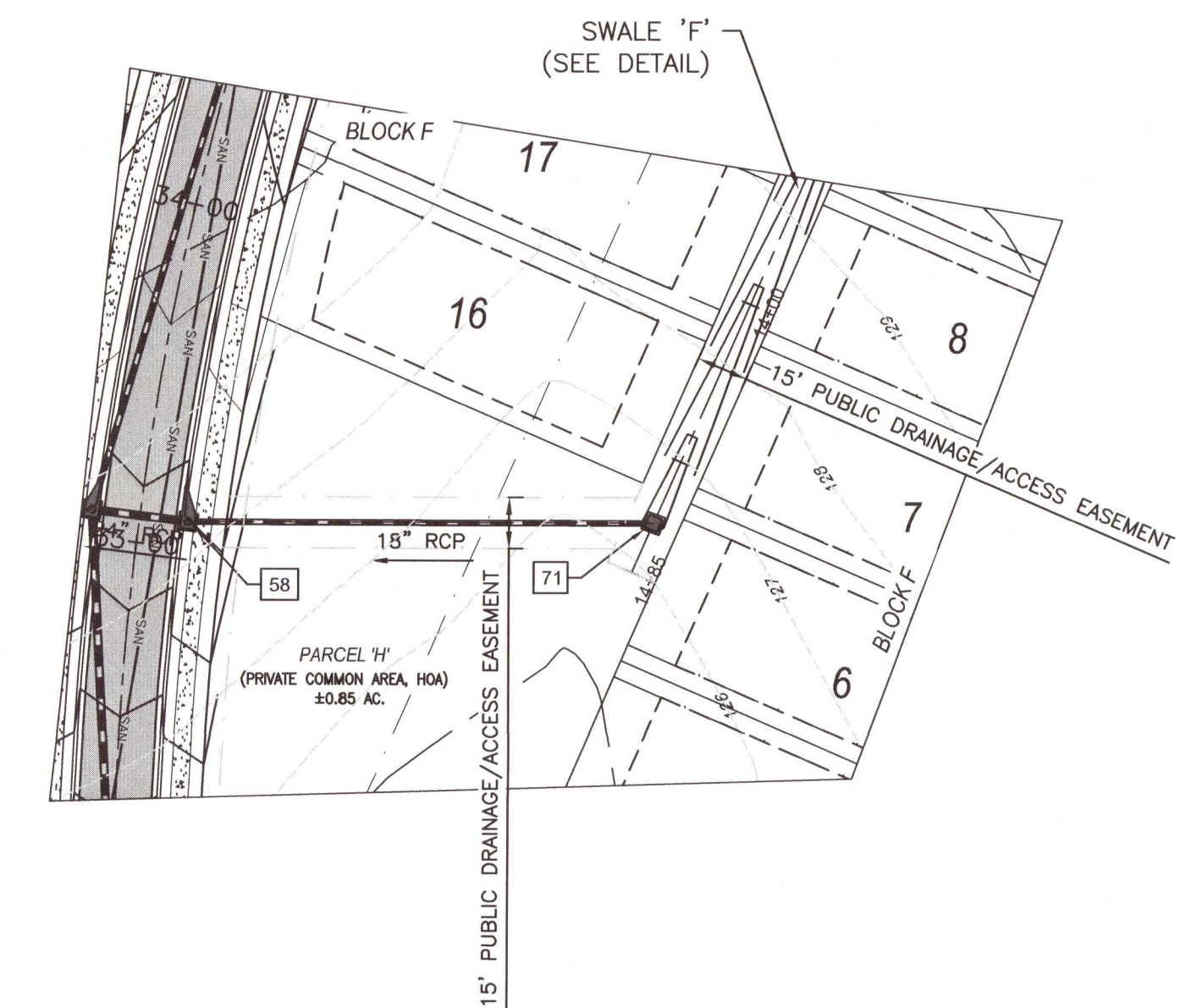
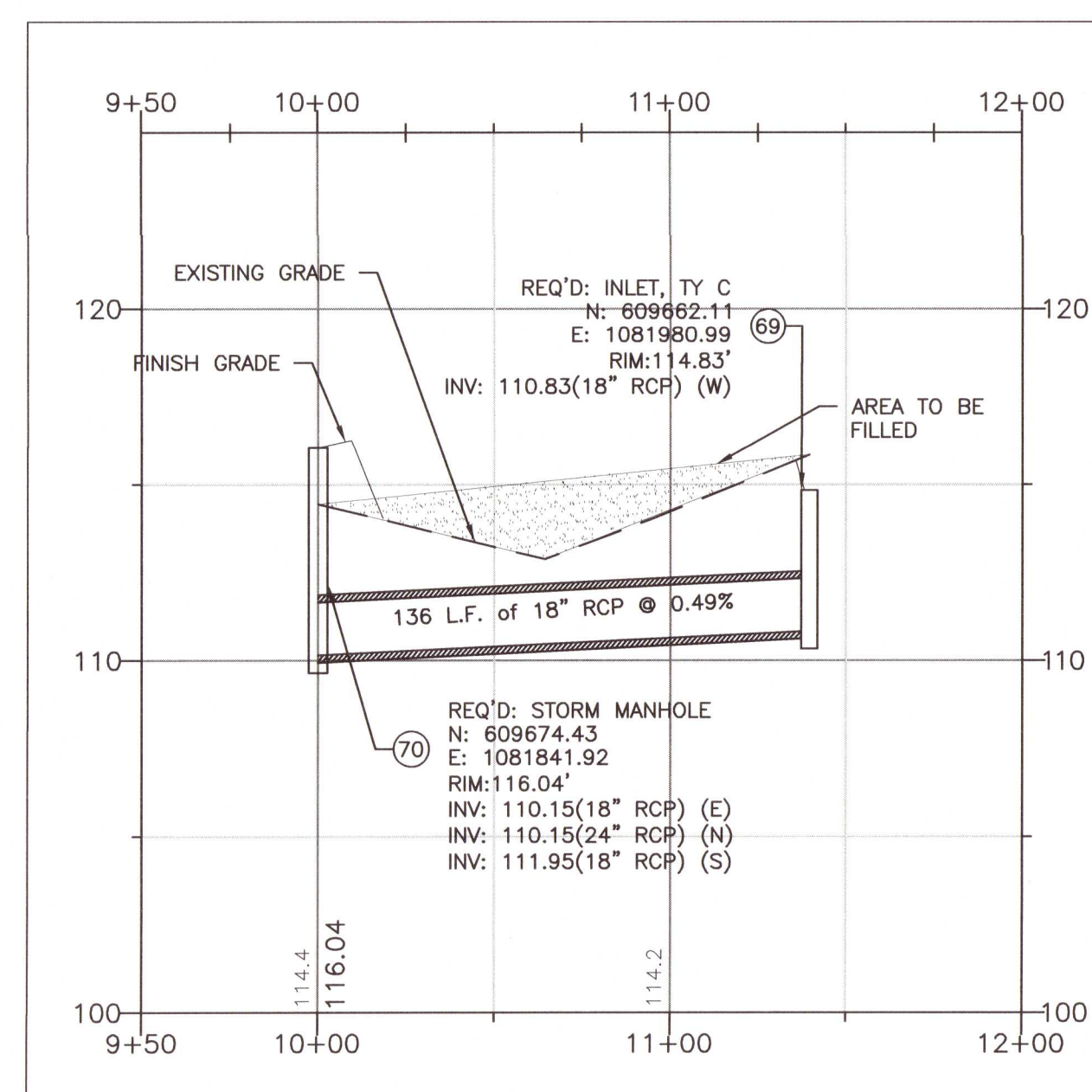
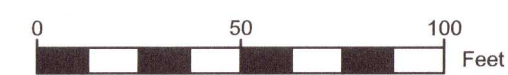
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C411

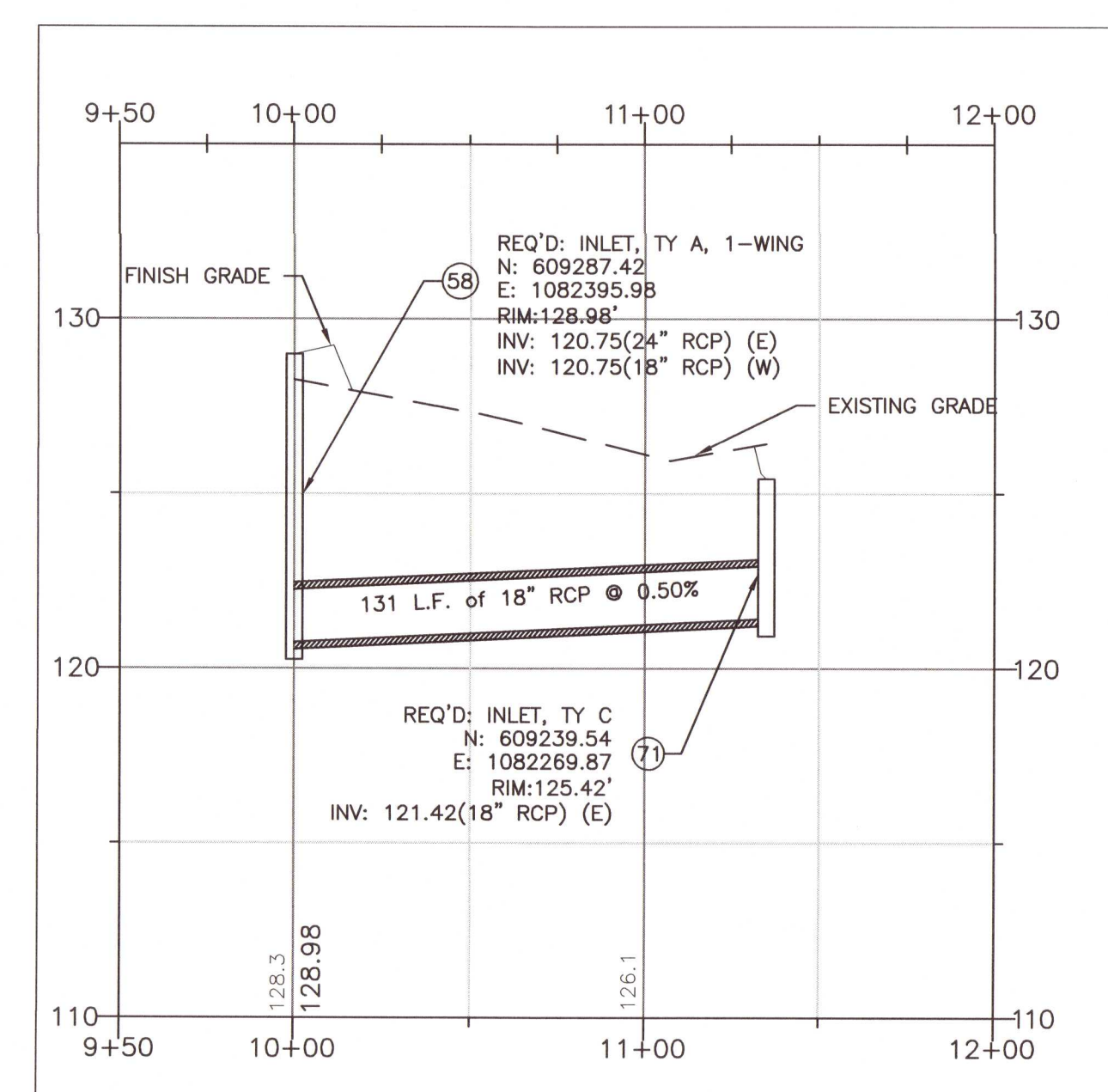
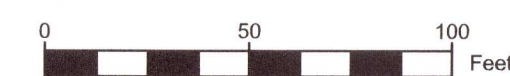
SHEET NO.



STORM DRAIN FROM SWALE E
STA: 10+00.00 - STA: 11+39.60



STORM DRAIN FROM SWALE F
STA: 10+00.00 - STA: 11+33.88



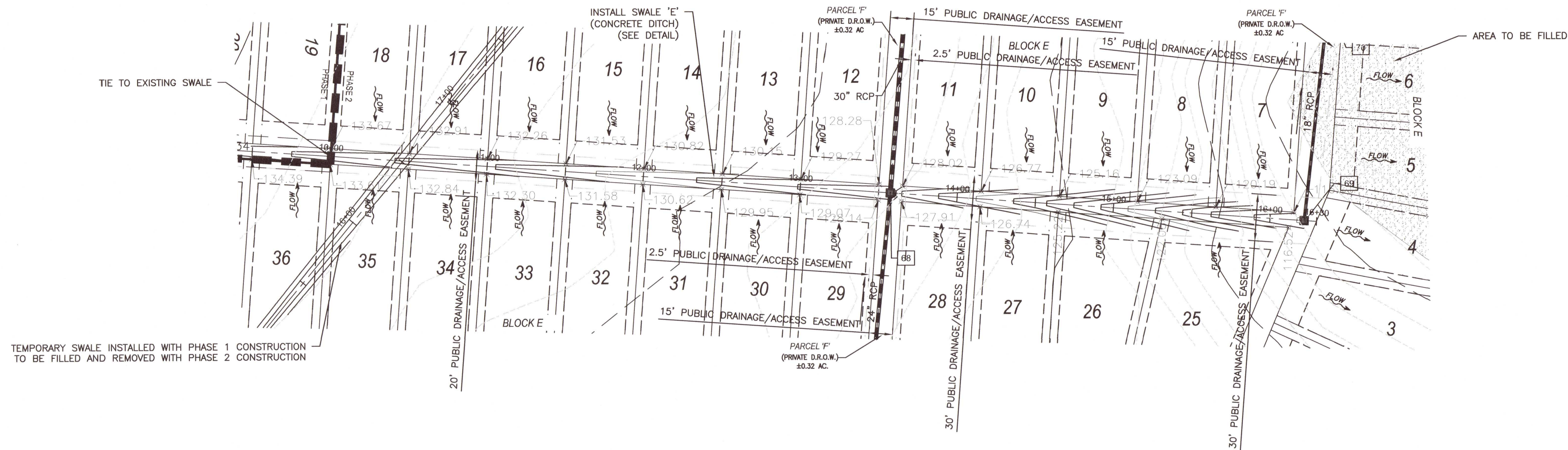
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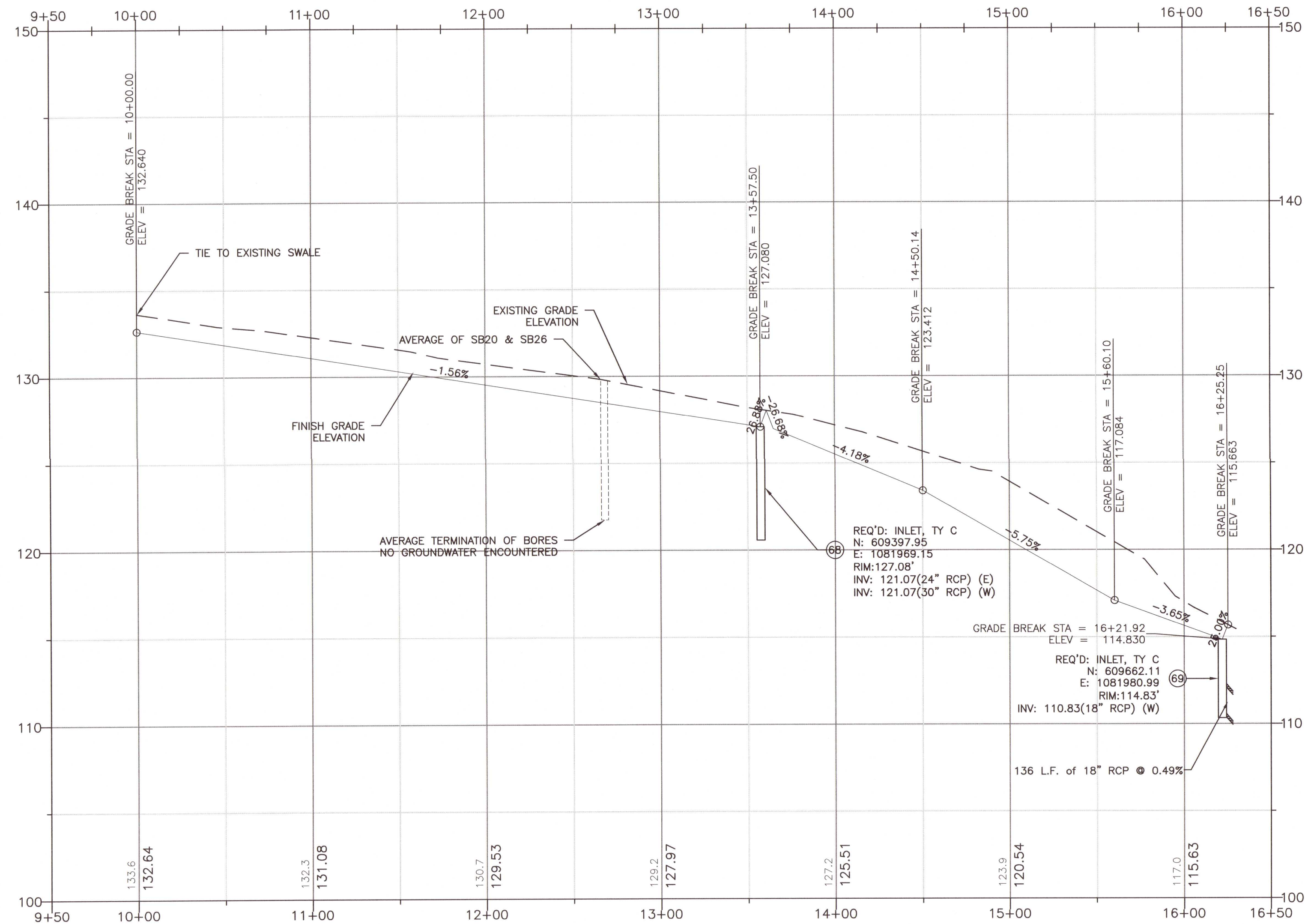
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SWALE 'E' PLAN



SWALE 'E' PROFILE

SEAL

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DAVID B. TILLAR, P.E.
FL PE No. 68262
COM# 6754

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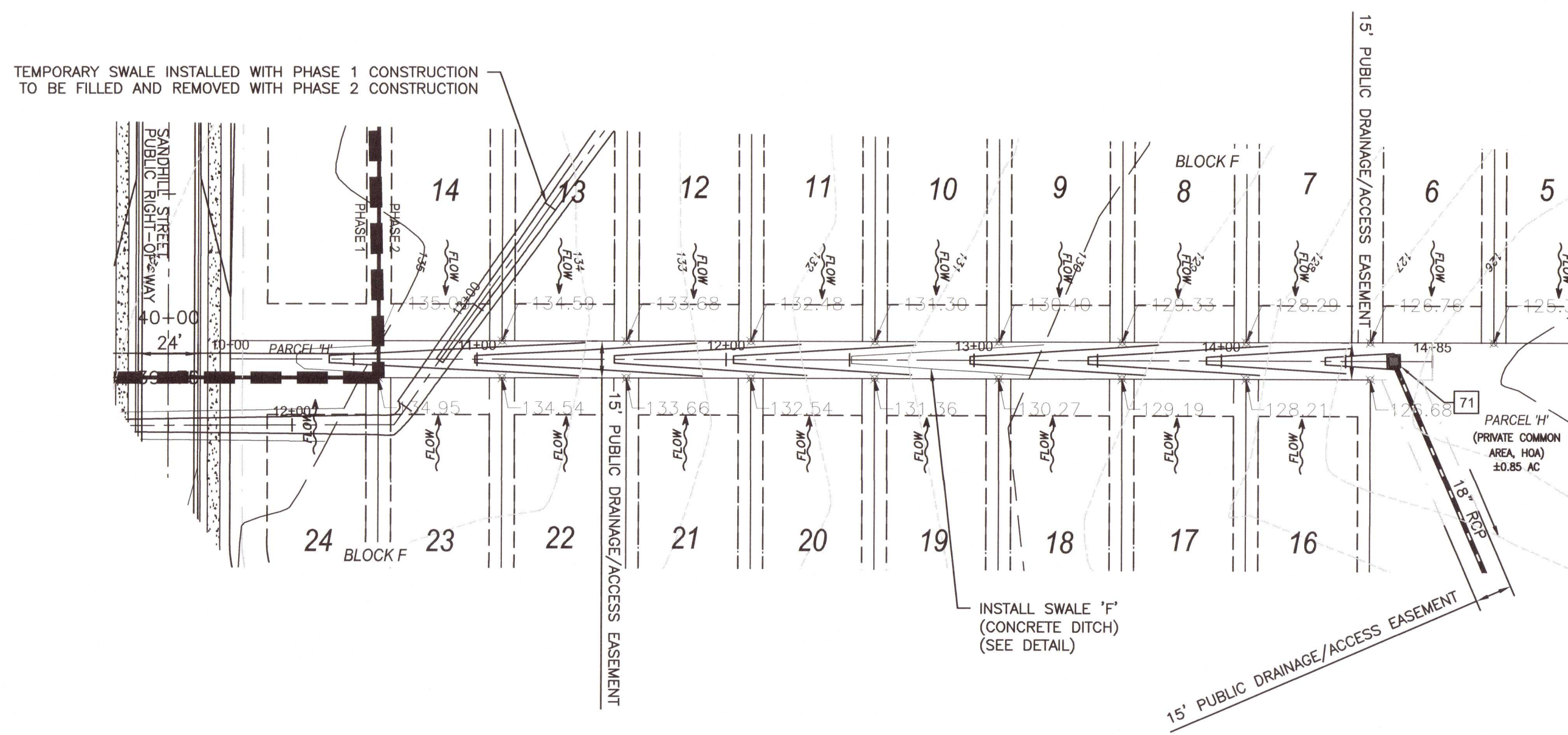
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**STORM DRAINAGE
PROFILES**

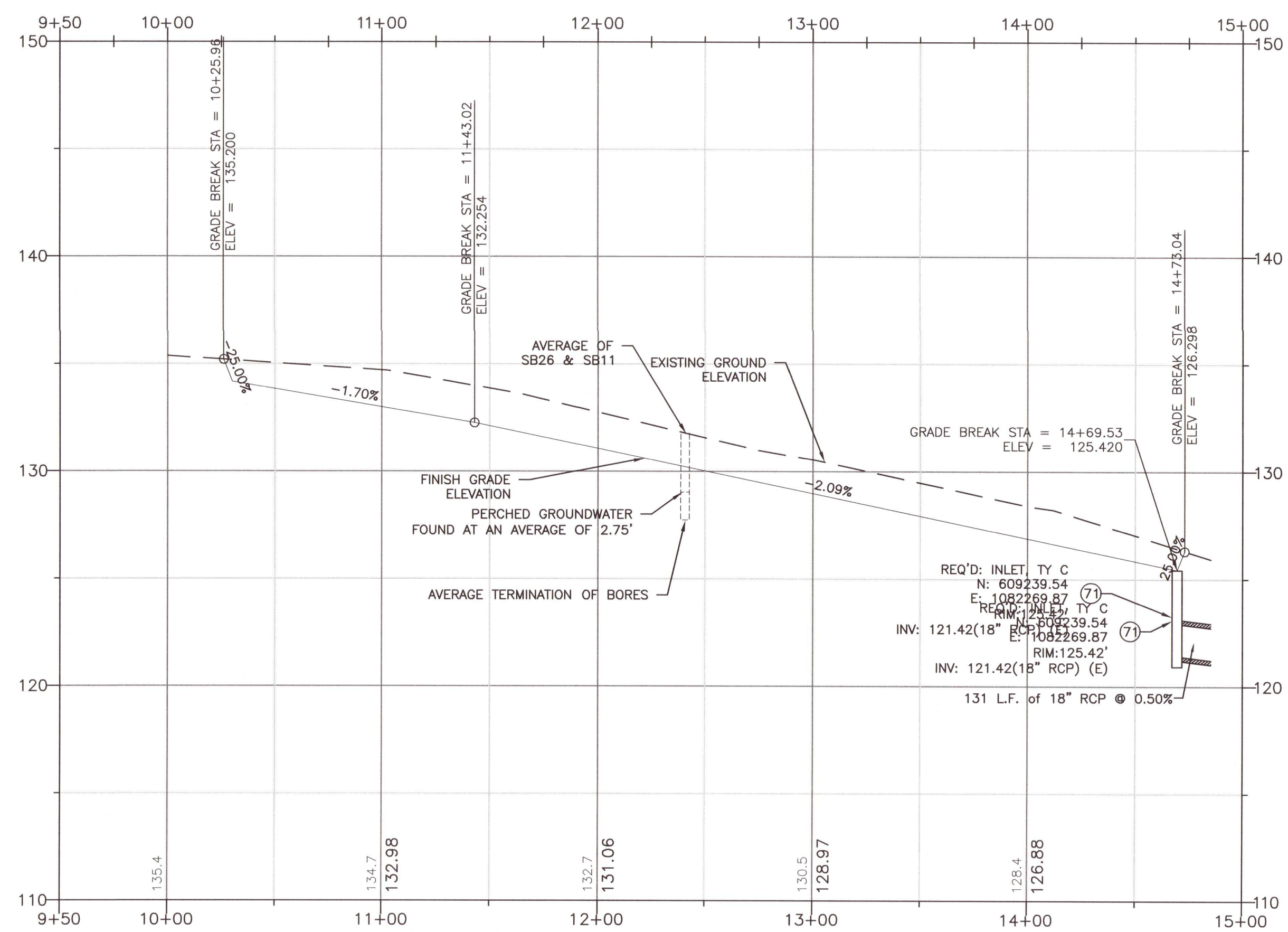
PROJECT NO. 50128595

C430

SHEET NO.



SWALE 'F' PLAN



SWALE 'F' PROFILE

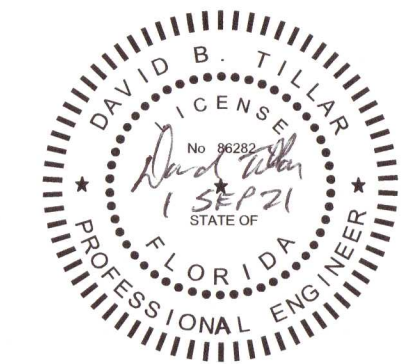


Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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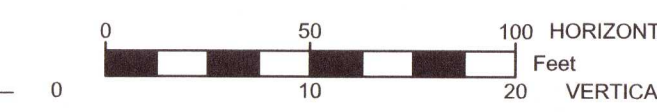


DAVID B. TILLAR, P.E.
FL. P.E. NO. 60923

COAR 8794

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DATE OCTOBER 2020

TITLE

STORM DRAINAGE
PROFILES

PROJECT NO. 50128595

C431

SHEET NO.

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Structure Table				
Structure Name	Description	Coordinates	Rim Elev.	Invert Elev(s)
22	INLET, TY A, 1--WING	N:609549.7155 E:1081496.4738	117.04	106.17 (60" RCP)(N) 111.70 (18" RCP)(E)
27	STORM MANHOLE	N:609413.5990 E:1081659.5434	124.54	118.50 (30" RCP)(E)
41	INLET, TY A, 2--WING	N:609820.8524 E:1081908.2143	112.42	108.42 (30" RCP)(N)
42	INLET, TY A, 1--WING	N:609821.7617 E:1081701.2083	113.42	107.28 (54" RCP)(SW) 107.28 (58"X36" ARCP)(E)
43	STORM MANHOLE	N:609674.5102 E:1081508.9741	115.05	106.55 (54" RCP)(NE) 106.55 (60" RCP)(S) 110.85 (18" RCP) (SE)
45	INLET, TY A, 1--WING	N:609609.3200 E:1082218.8589	120.05	115.47 (18" RCP)(NW) 115.47 (18" RCP)(SE)
46	INLET, TY A, 1--WING	N:609632.6086 E:1082203.3141	120.05	115.61 (18" RCP)(SE)
47	INLET, TY A, 1--WING	N:609602.8942 E:1082287.1706	119.95	115.08 (18" RCP)(SW) 115.08 (24" RCP)(SE) 115.08 (30" RCP)(NW)
48	INLET, TY A, 1--WING	N:609587.3494 E:1082263.8820	119.95	115.22 (18" RCP)(NE) 115.22 (18" RCP)(NW)
49	INLET TY A, 1--WING	N:609800.4817 E:1082148.2952	116.84	110.80 (30" RCP)(W) 110.80 (30" RCP)(SE)
50	INLET, TY A, 1--WING	N:608974.1395 E:1082418.2362	132.99	128.70 (18" RCP)(NE)
51	INLET, TY A, 1--WING	N:608986.5457 E:1082447.4618	132.85	128.42 (18" RCP)(SW) 128.42 (18" RCP)(N) 128.42 (18" RCP)(S)
52	INLET, TY A, 1--WING	N:609294.0505 E:1082423.1797	128.98	124.58 (18" RCP)(S) 120.61 (24" RCP)(NW) 120.61 (24" RCP)(W)
53	INLET, TY A, 1--WING	N:609087.7775 E:1082096.3947	131.79	127.07 (18" RCP)(E) 127.07 (18" RCP)(N)
54	INLET, TY A, 1--WING	N:609086.5240 E:1082124.3666	131.79	127.35 (18" RCP)(W)
55	INLET, TY A, 1--WING	N:609386.2232 E:1082137.7974	126.35	121.92 (18" RCP)(W)
56	STORM MANHOLE	N:609407.7004 E:1081798.8894	128.55	120.20 (30" RCP)(E) 120.20 (30" RCP)(W) 122.20 (18" RCP)(S)
57	INLET, TY A, 1--WING	N:609387.4767 E:1082109.8254	126.35	121.78 (18" RCP)(E) 121.78 (18" RCP)(S) 121.78 (24" RCP)(W)
58	INLET, TY A, 1--WING	N:609287.4166 E:1082395.9769	128.98	120.75 (24" RCP)(E) 120.75 (18" RCP)(W)
59	INLET, TY A, 1--WING	N:609503.2970 E:1081832.7328	125.20	120.49 (18" RCP)(W) 120.49 (18" RCP)(N)

Structure Table				
Structure Name	Description	Coordinates	Rim Elev.	Invert Elev(s)
60	INLET, TY A, 1--WING	N:609504.5506 E:1081804.7609	125.20	120.77 (18" RCP)(E)
61	INLET, TY A, 1--WING	N:609203.5978 E:1081819.3021	132.69	128.25 (18" RCP)(W)
62	INLET, TY A, 1--WING	N:609204.8514 E:1081791.3301	132.69	127.97 (18" RCP)(E) 127.97 (18" RCP)(N)
63	INLET, TY A, 1--WING	N:609804.2498 E:1081818.1916	112.97	107.99 (24" RCP)(E) 107.99 (24" RCP)(NW)
64	INLET TY A, 1--WING	N:609802.9962 E:1081846.1635	112.97	108.13 (24" RCP)(W) 108.13 (24" RCP)(S)
65	INLET, TY A, 1--WING	N:609831.4720 E:1081791.4177	112.98	107.55 (58"X36" ARCP)(W) 107.55 (51"X31" ARCP)(E) 107.55 (24" RCP)(SE)
66	INLET, TY A, 1--WING	N:609548.4620 E:1081524.4457	117.04	112.26 (18" RCP)(W)
68	INLET, TY C	N:609397.9508 E:1081969.1533	127.08	121.07 (24" RCP)(E) 121.07 (30" RCP)(W)
69	INLET, TY C	N:609662.1060 E:1081980.9912	114.83	110.83 (18" RCP)(W)
70	STORM MANHOLE	N:609674.4256 E:1081841.9232	116.04	110.15 (18" RCP)(E) 110.15 (24" RCP)(N) 111.95 (18" RCP)(S)
71	INLET, TY C	N:609239.5429 E:1082269.8742	125.42	121.42 (18" RCP)(E)
72	INLET, TY A, 2--WING	N:609848.4800 E:1081912.7656	112.99	108.07 (30" RCP)(S) 108.07 (51"X31" ARCP)(W) 108.07 (30" RCP)(E)
73	INLET TY A, 1--WING	N:608792.4505 E:1082411.3547	134.69	130.00 (18" RCP)(N)
74	INLET TY A, 1--WING	N:609660.1092 E:1081534.7696	115.03	111.00 (18" RCP) (NW)

Pipe Table						
Upstream Structure	Downstream Structure	Pipe Size	Length	Slope	Invert (In)	Invert (Out)
41	72	30" RCP	28.000	1.25%	108.42	108.07
42	43	54" RCP	242.151	0.30%	107.28	106.55
43	22	60" RCP	125.419	0.30%	106.55	106.17
45	48	18" RCP	50.098	0.50%	115.47	115.22
46	45	18" RCP	28.000	0.50%	115.61	115.47
47	49	30" RCP	241.510	1.77%	115.08	110.80
48	47	18" RCP	28.000	0.50%	115.22	115.08
49	72	30" RCP	240.371	1.14%	110.80	108.07
50	51	18" RCP	31.750	0.88%	128.70	128.42
51	52	18" RCP	308.462	1.24%	128.42	124.58
52	47	24" RCP	337.465	1.64%	120.61	115.08
53	57	18" RCP	300.000	1.76%	127.07	121.78
54	53	18" RCP	28.000	1.00%	127.35	127.07
55	57	18" RCP	28.000	0.50%	121.92	121.78
56	27	30" RCP	139.471	1.22%	120.20	118.50
57	68	24" RCP	141.062	0.50%	121.78	121.07
58	52	24" RCP	28.000	0.52%	120.75	120.61
59	70	18" RCP	171.375	4.98%	120.49	111.95
60	59	18" RCP	28.000	1.00%	120.77	120.49
61	62	18" RCP	28.000	1.00%	128.25	127.97

Pipe Table						
Upstream Structure	Downstream Structure	Pipe Size	Length	Slope	Invert (In)	Invert (Out)
62	56	18" RCP	202.990	2.84%	127.97	122.20
63	65	24" RCP	38.182	1.15%	107.99	107.55
64	63	24" RCP	28.000	0.50%	108.13	107.99
65	42	58"X36" ARCP	90.731	0.30%	107.55	107.28
66	22	18" RCP	28.000	2.00%	112.26	111.70
68	56	30" RCP	170.543	0.51%	121.07	120.20
69	70	18" RCP	139.613	0.49%	110.83	110.15
70	64	24" RCP	128.640	1.57%	110.15	108.13
71	58	18" RCP	134.884	0.50%	121.42	120.75
72	65	51"X31" ARCP	122.534	0.42%	108.07	107.55
73	51	18" RCP	197.425	0.80%	130.00	128.42
74	43	18" RCP	29.543	0.50%	111.00	110.85

TOTAL LF OF PIPE: 3864.22
TOTAL NUMBER OF TYPE A INLETS: 27
TOTAL NUMBER OF TYPE C INLETS: 3
TOTAL NUMBER OF MANHOLES: 4



Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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PHASE TWO
D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

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A VALID SIGNATURE



DAVID B. TILLAR, P.E.
FL. PE. No. 86282

CO#18 8794

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SCALE

REVISIONS

NO.	DESCRIPTION	DATE
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DATE OCTOBER 2020

TITLE

STRUCTURE AND
PIPE TABLES

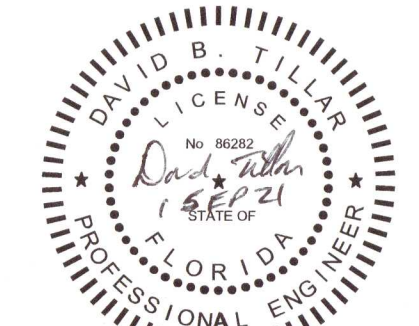
PROJECT NO. 50128595

C438

SHEET NO.

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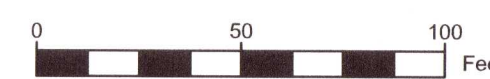


DAVID B. TILLAR, P.E.
FL. PE No. 86292

COAB 8794

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REVISIONS

NO.	DESCRIPTION	DATE

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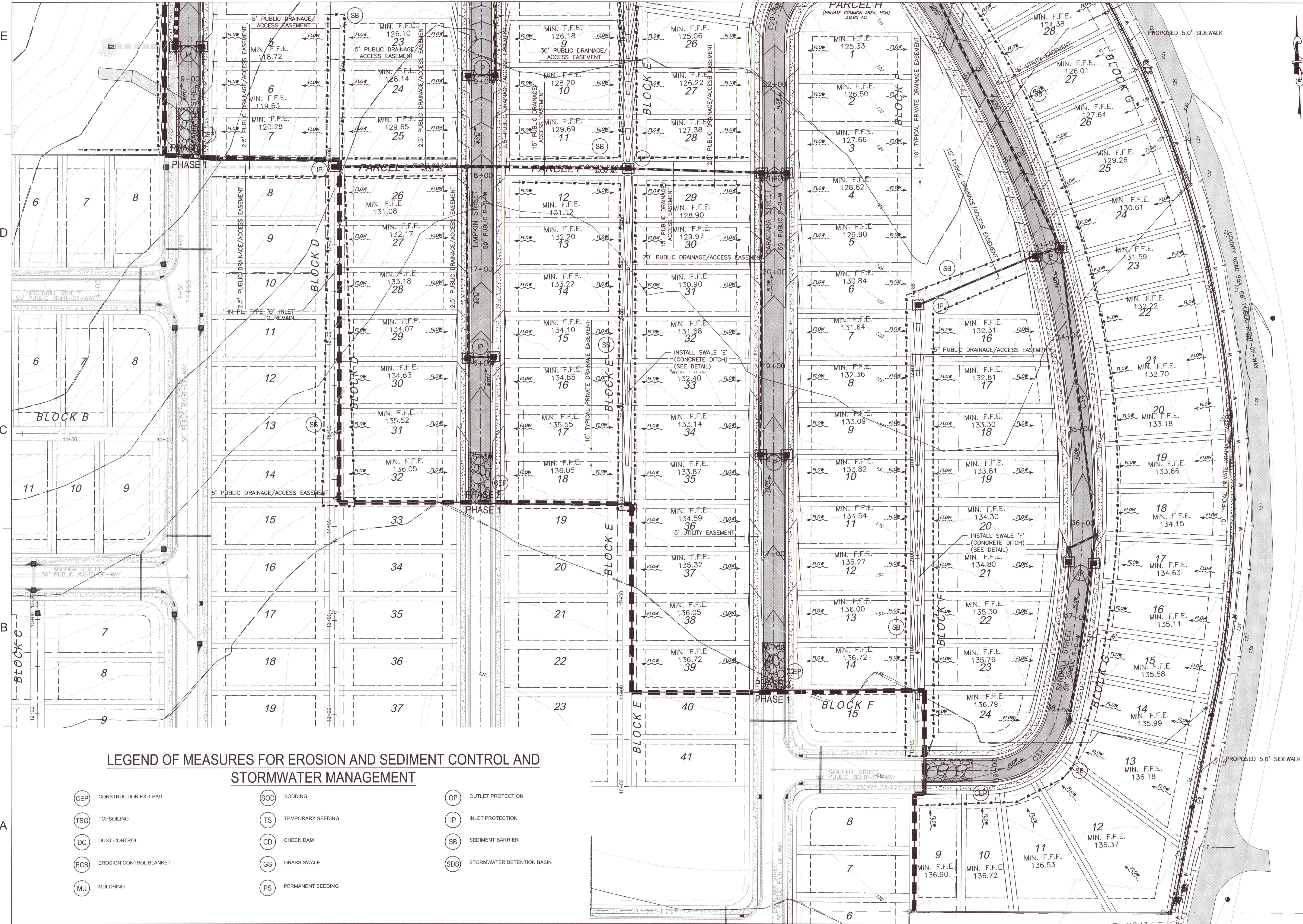
EROSION AND
SEDIMENT
CONTROL PLAN

PROJECT NO. 50128595

C501

SHEET NO.

MATCHLINE (SHEET C502)



LEGEND OF MEASURES FOR EROSION AND SEDIMENT CONTROL AND
STORMWATER MANAGEMENT

- | | | |
|-------------------------------|------------------------|----------------------------------|
| (CEP) CONSTRUCTION EXIT PAD | (SOD) SODDING | (OP) OUTLET PROTECTION |
| (TSG) TOPSOILING | (TS) TEMPORARY SEEDING | (IP) INLET PROTECTION |
| (DC) DUST CONTROL | (CD) CHECK DAM | (SB) SEDIMENT BARRIER |
| (ECB) EROSION CONTROL BLANKET | (GS) GRASS SWALE | (SDB) STORMWATER DETENTION BASIN |
| (MU) MULCHING | (PS) PERMANENT SEEDING | |

SEAL

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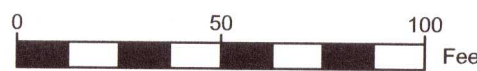


DAVID B. TILLAR, P.E.
FL. PE No. 96282

COA# 8754

PERMIT SET
NOT FOR CONSTRUCTION

SCALE



REVISIONS

NO.	DESCRIPTION	DATE

NO. DESCRIPTION DATE

DRAWN BY CAH
APPROVED BY DBT
CHECKED BY JMB
DATE OCTOBER 2020

TITLE

EROSION AND
SEDIMENT
CONTROL PLAN

PROJECT NO. 50128595

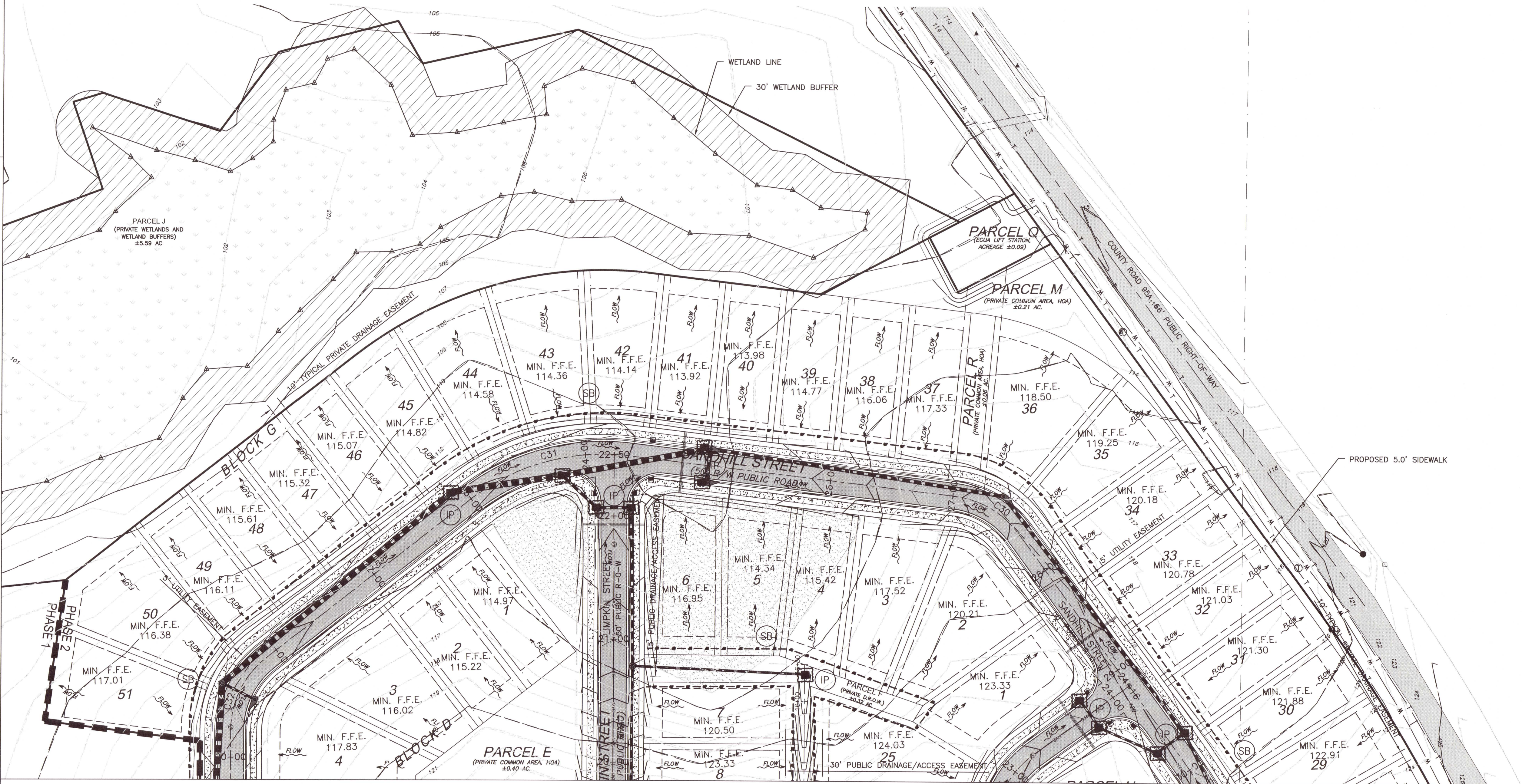
C502

SHEET NO.

LEGEND OF MEASURES FOR EROSION AND SEDIMENT CONTROL AND
STORMWATER MANAGEMENT

CEP	CONSTRUCTION EXIT PAD	SOD	SODDING	OP	OUTLET PROTECTION
TSG	TOPSOILING	TS	TEMPORARY SEEDING	IP	INLET PROTECTION
DC	DUST CONTROL	CD	CHECK DAM	SB	SEDIMENT BARRIER
ECB	EROSION CONTROL BLANKET	GS	GRASS SWALE	SDB	STORMWATER DETENTION BASIN
MU	MULCHING	PS	PERMANENT SEEDING		

NOTES:
1. ALL EXISTING WETLANDS SHOULD BE FLAGGED BY THE CONTRACTOR TO ASSURE THAT A MINIMUM WORKING BUFFER OF 30' IS MAINTAINED AT ALL TIMES (OR 10' AT STORMWATER OUTFALLS) IN ACCORDANCE WITH THE ESCAMBA COUNTY LAND DEVELOPMENT CODE.
2. WETLANDS AND WETLAND BUFFERS SHALL REMAIN IN THEIR NATURAL STATE.




MATCHLINE (SHEET C501)

DAVID B. TILLAR, P.E.
FL. PE No. 86292

COAH 6794

PERMIT SET
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SCALE



0 100 200 Feet

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CHECKED BY		JMB
DATE		OCTOBER 2020

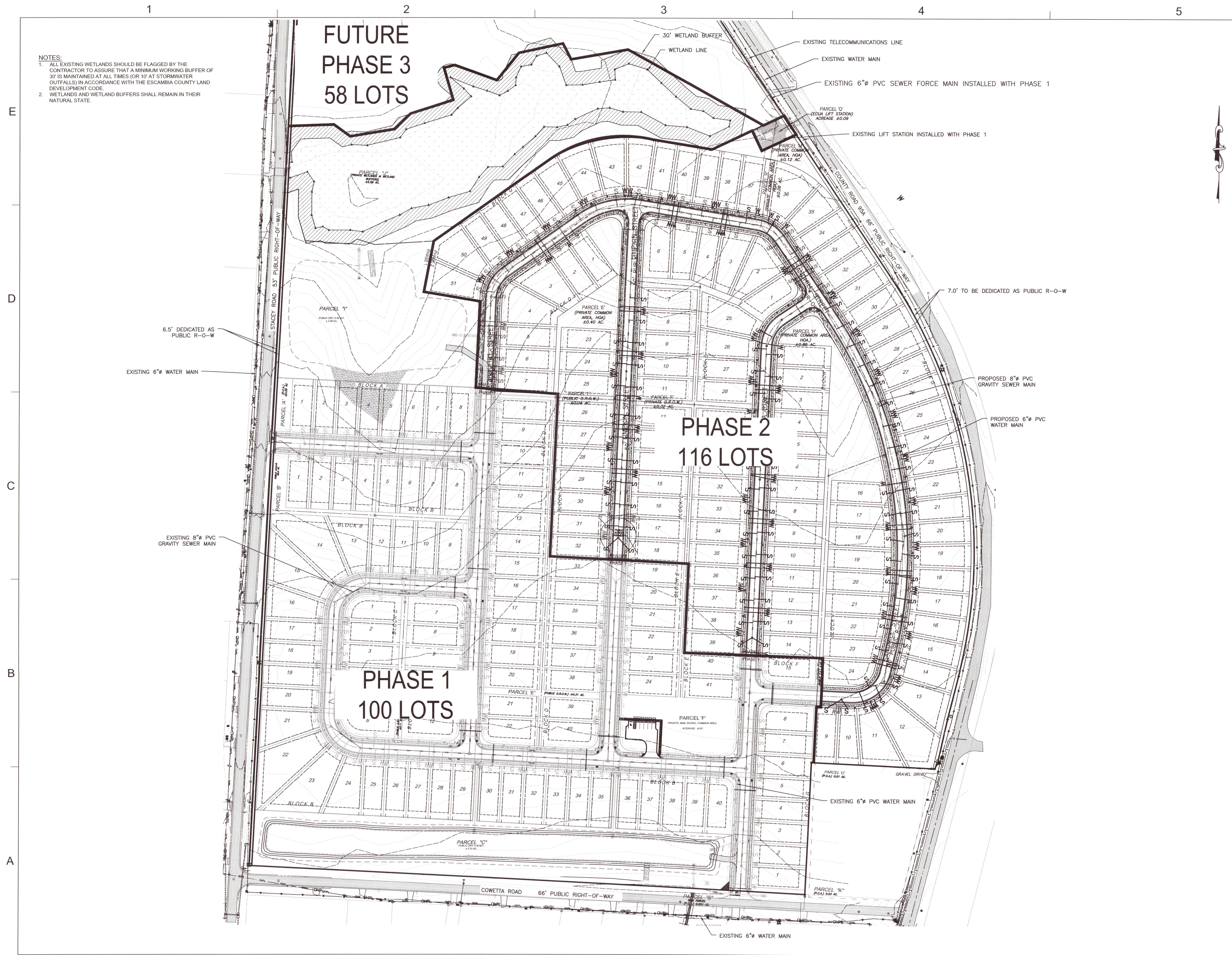
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OVERALL UTILITY
PLAN

PROJECT NO.	50128595
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C600

SHEET NO. _____



NOTE: REFER TO SHEET C602 FOR
UTILITY PLAN NOTES AND LEGEND

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MATCHLINE (SHEET C602)

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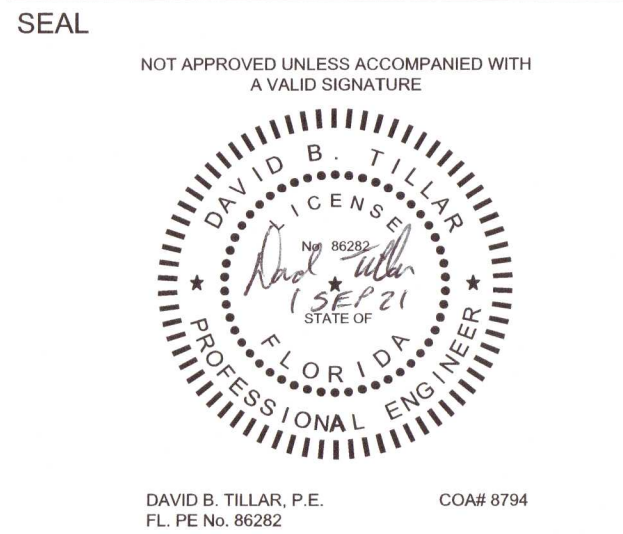
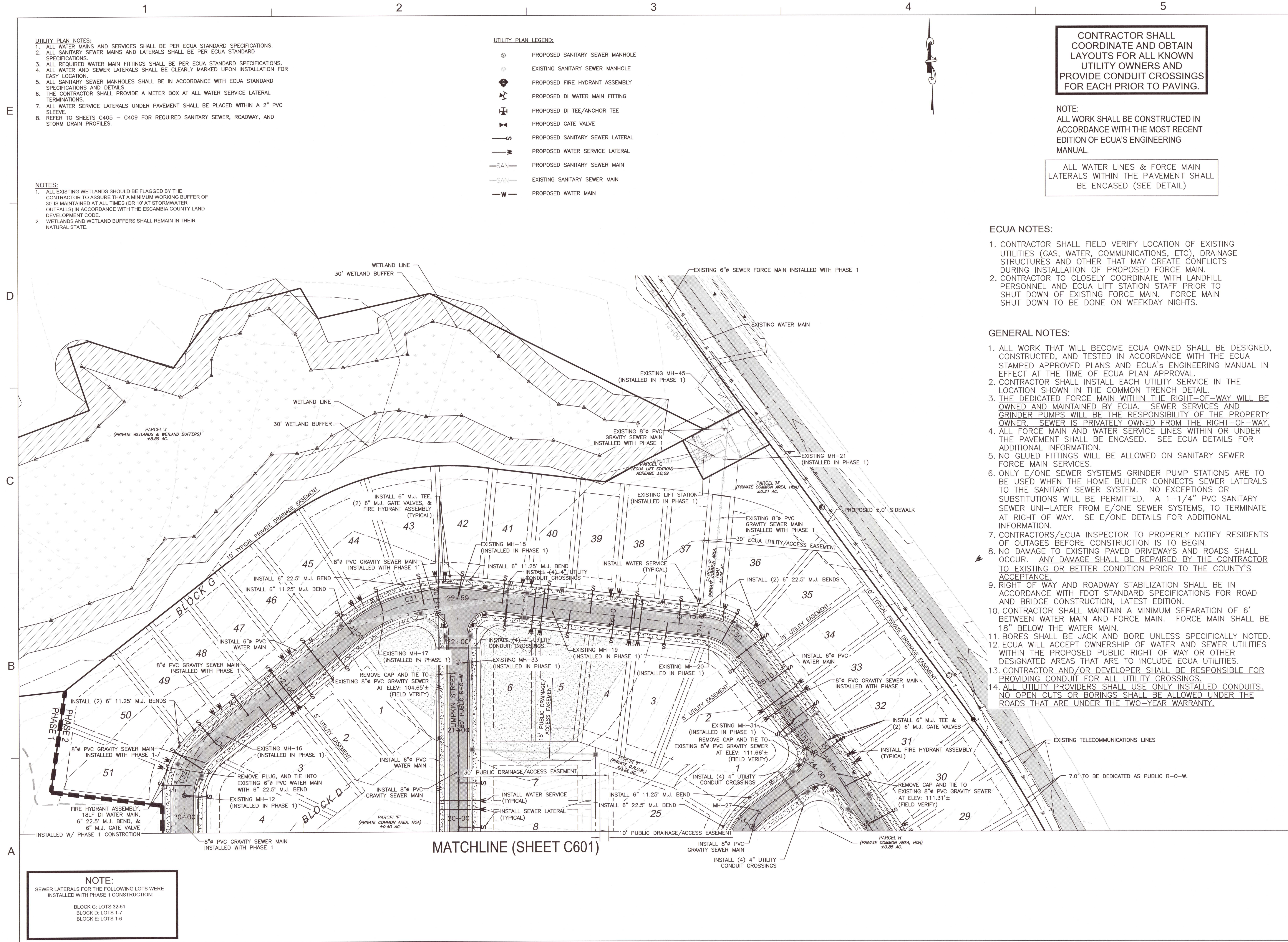
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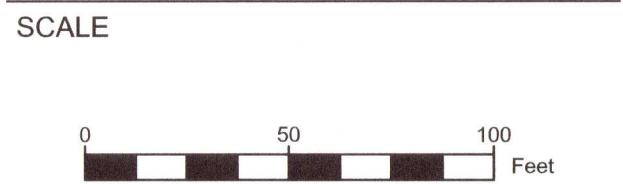
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NO.	DESCRIPTION	DATE

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DATE OCTOBER 2020
TITLE

UTILITY PLAN

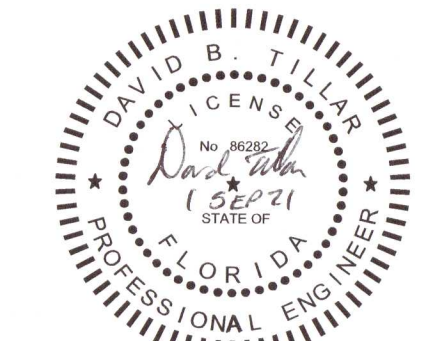
PROJECT NO. 50128595

C602

SHEET NO.

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DAVID B. TILLAR, P.E.
FL PE No. 16222

COAF 8794

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SCALE

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REVISIONS

NO.	DESCRIPTION	DATE

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APPROVED BY _____ DBT
CHECKED BY _____ JMB
DATE _____ OCTOBER 2020

TITLE

CONSTRUCTION
DETAILS

PROJECT NO. 50128595

C700

SHEET NO.

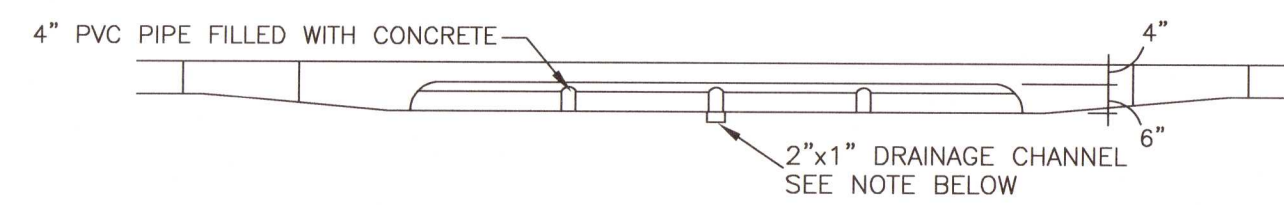
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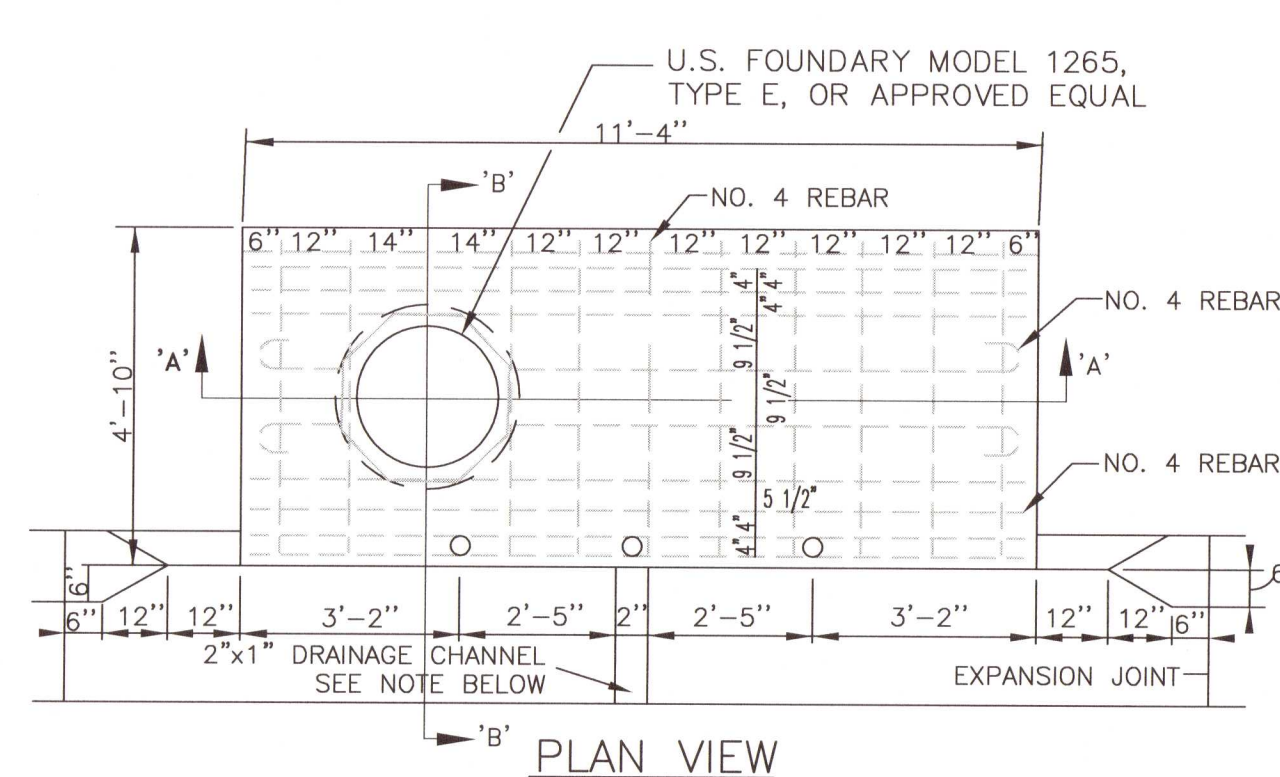
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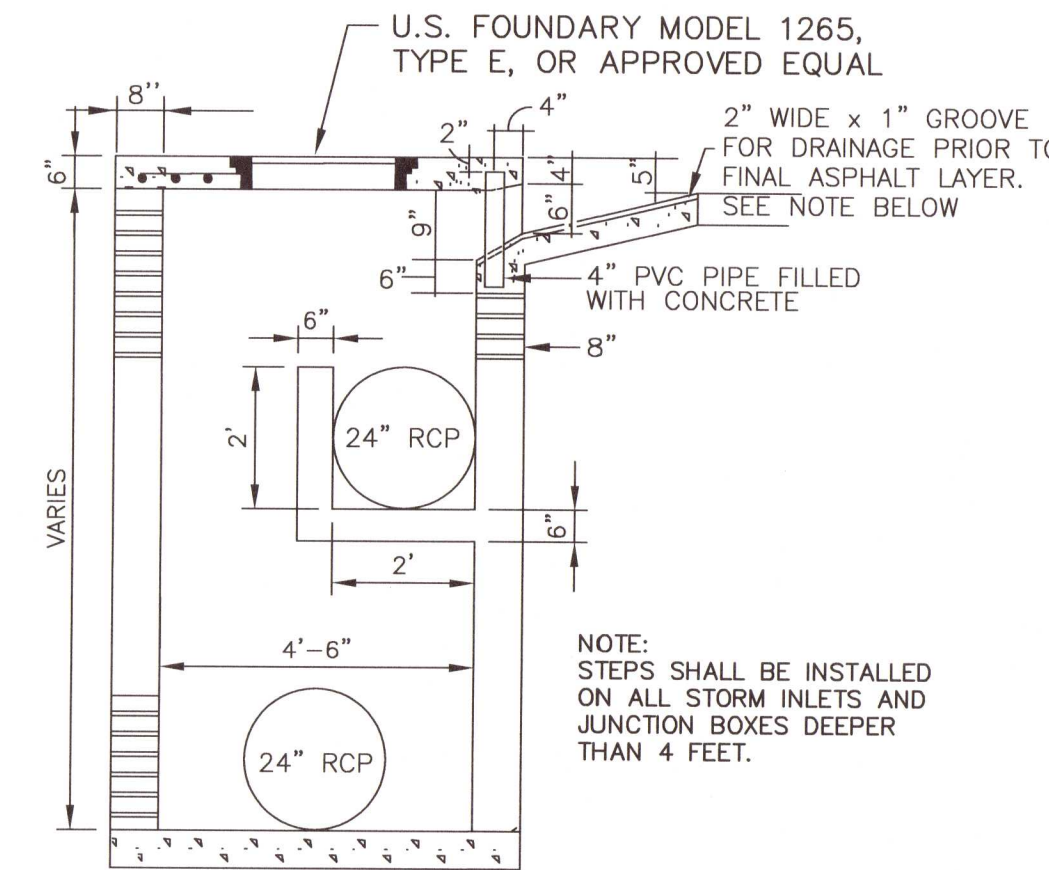
COUNTY TYPE "A" & "A-1" INLET THROAT ELEVATION
NOT TO SCALE

NOTE: CONTRACTOR SHALL CONSTRUCT DRAINAGE
CHANNEL PRIOR TO CONCRETE POUR.



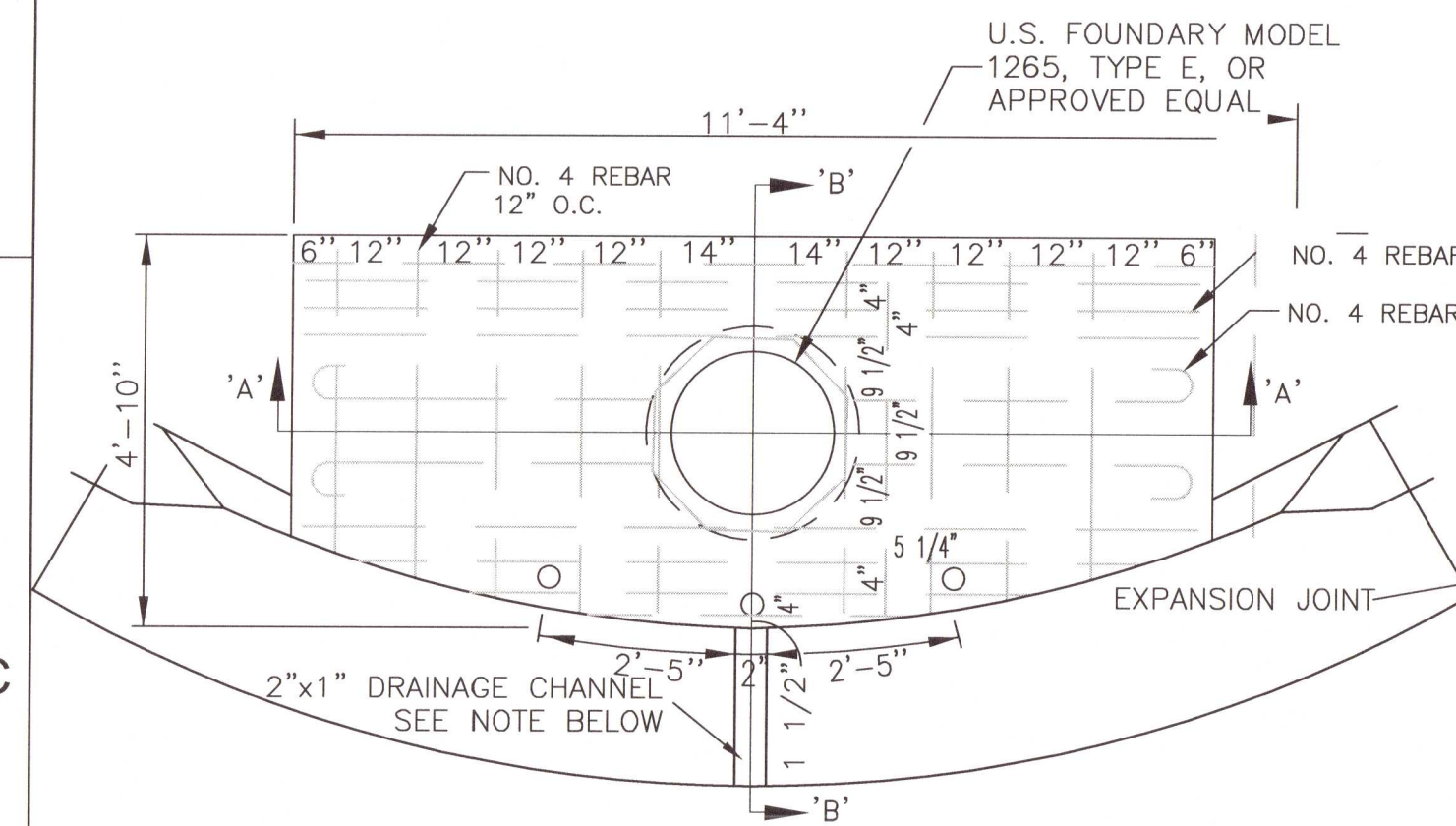
PLAN VIEW
COUNTY TYPE "A" CURB INLET DETAIL
NOT TO SCALE

NOTE: CONTRACTOR SHALL CONSTRUCT DRAINAGE
CHANNEL PRIOR TO CONCRETE POUR.



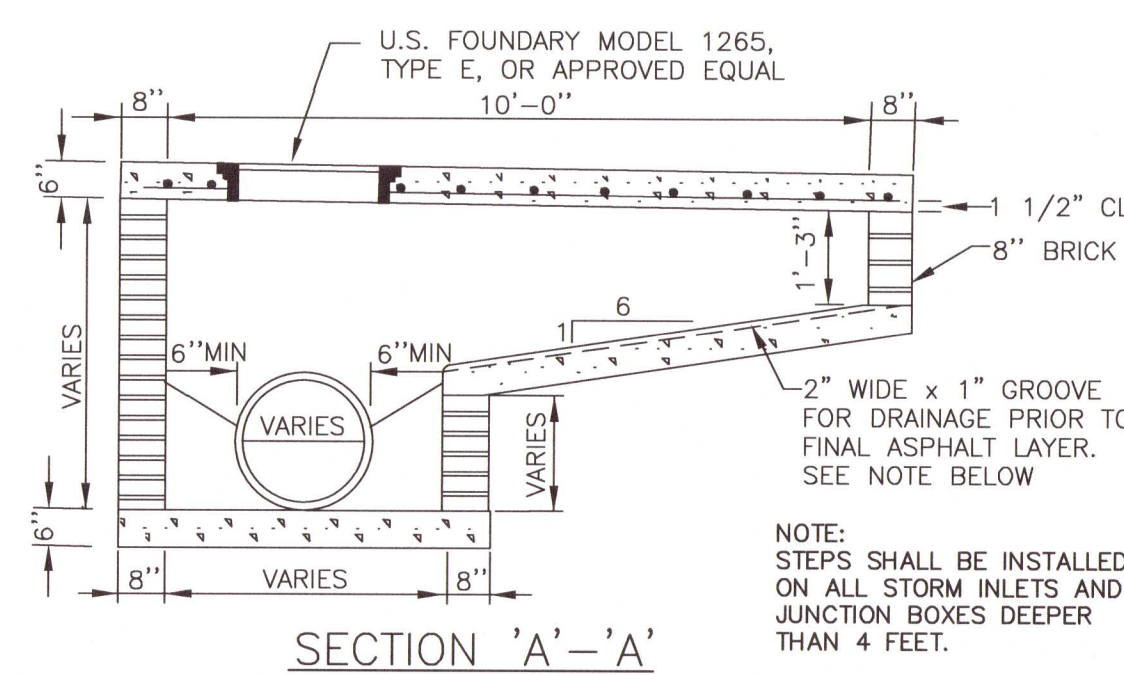
SECTION 'B'-B'
COUNTY TYPE "A" & "A-1" MODIFIED INLET
NOT TO SCALE

NOTE:
CONTRACTOR SHALL CONSTRUCT DRAINAGE
CHANNEL PRIOR TO CONCRETE POUR.



PLAN VIEW
COUNTY TYPE "A-1" CURB INLET DETAIL
NOT TO SCALE

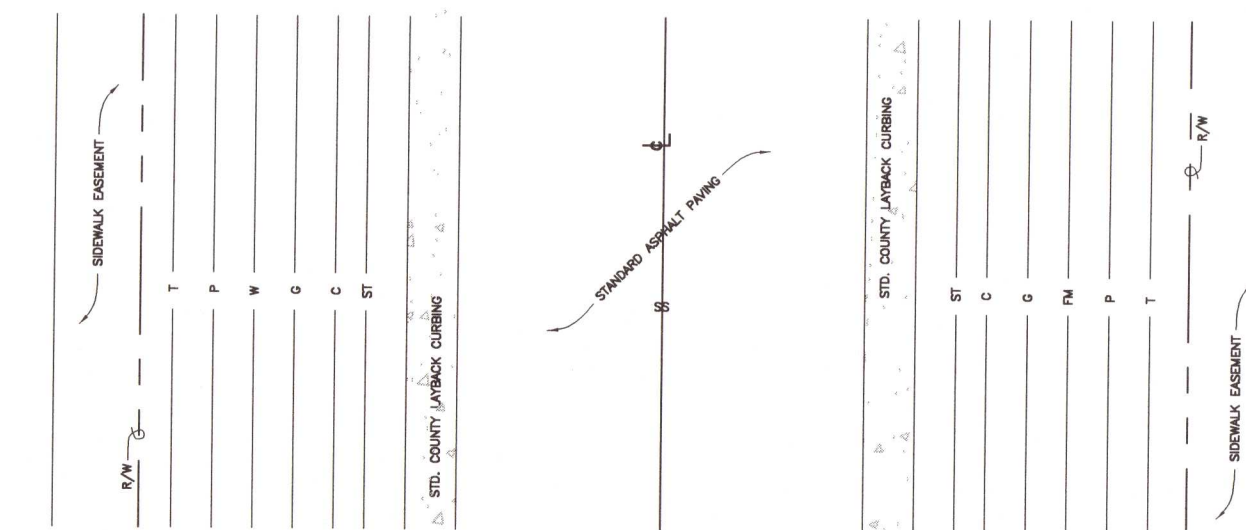
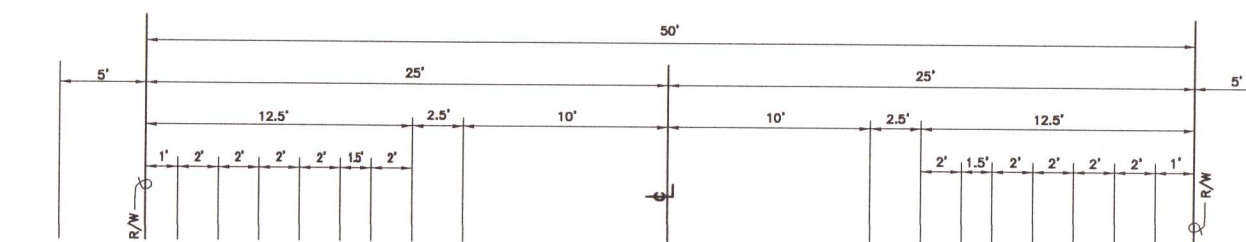
NOTE: CONTRACTOR SHALL CONSTRUCT DRAINAGE
CHANNEL PRIOR TO CONCRETE POUR.



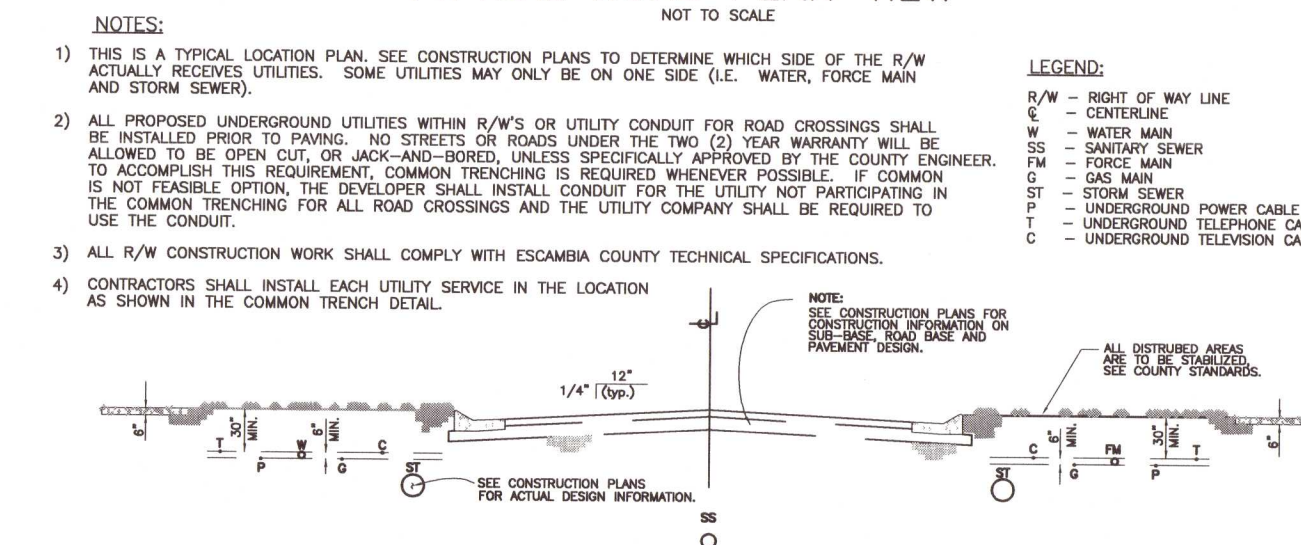
SECTION 'A'-A'
COUNTY TYPE "A" WITH END BOX
NOT TO SCALE

NOTE: CONTRACTOR SHALL CONSTRUCT DRAINAGE
CHANNEL PRIOR TO CONCRETE POUR.

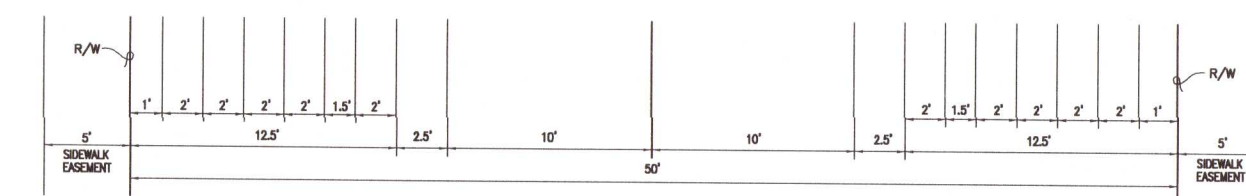
STEPS SHALL BE INSTALLED ON ALL
STORM INLETS AND JUNCTION BOXES
DEEPER THAN 4 FEET.



COMMON TRENCH & UTILITY LOCATIONS
TYPICAL ROAD PLAN VIEW
NOT TO SCALE



COMMON TRENCH & UTILITY LOCATIONS
TYPICAL ROAD CROSS SECTION
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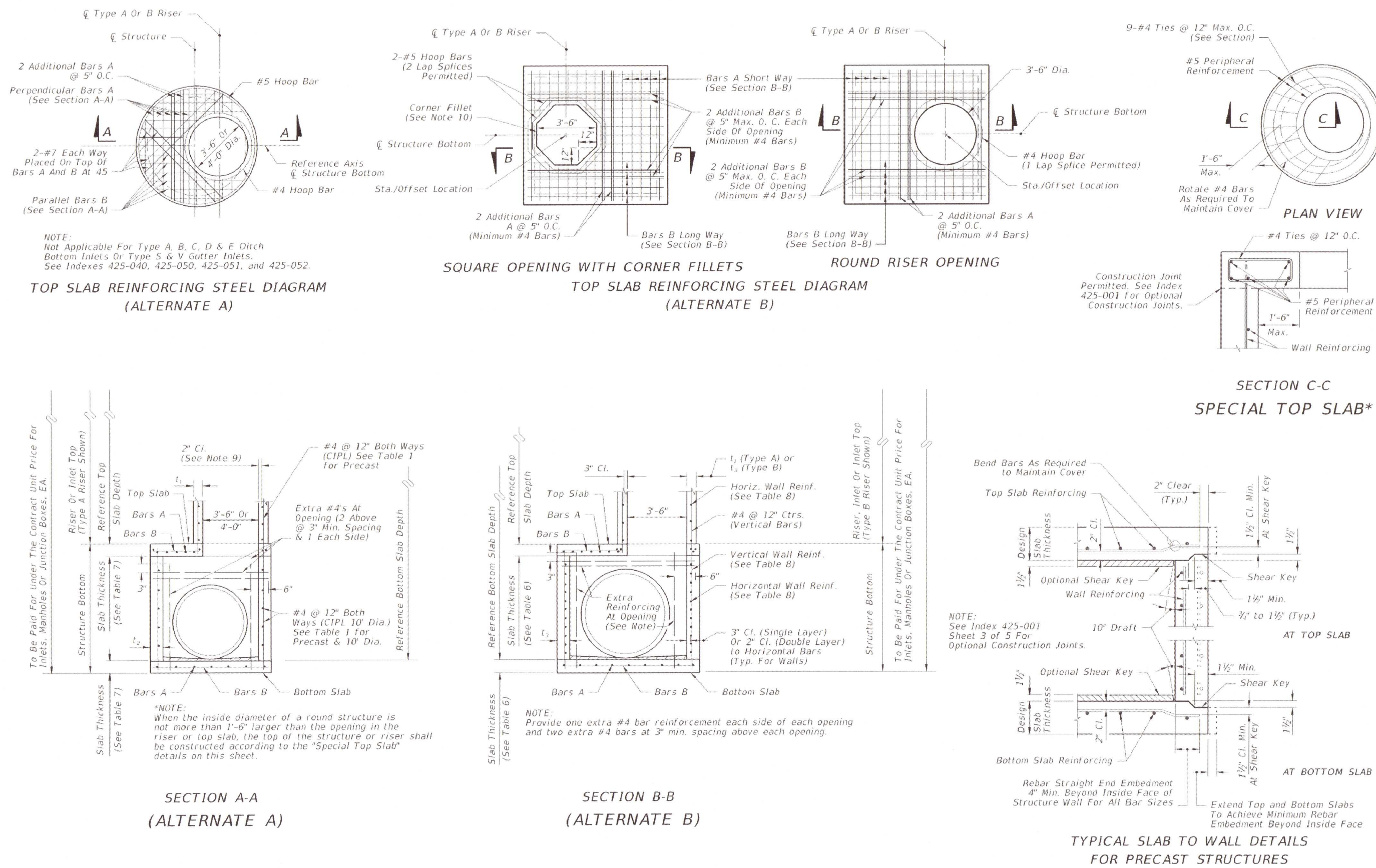
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LAST REVISION	DESCRIPTION:	FDOT	FY 2019-20	STANDARD PLANS	STRUCTURE BOTTOMS TYPE J AND P	INDEX	SHEET
11/01/17					425-010	1 of 5	

TABLE 3-MINIMUM STRUCTURE SIZES FOR SINGLE PIPE CONNECTION PER SIDE			
PIPE SIZE	RECTANGULAR		ROUND
	Side Dimension (L)	Single Pipe	Diameter (D)
18"	3'-6"	2	4'-0"
24"	3'-6"	2	5'-0"
30"	4'-0"	2	6'-0"
36"	4'-0"	2	7'-0"
42"	4'-0"	2	8'-0"
48"	4'-0"	2	9'-0"
54"	4'-0"	2	10'-0"
60"	4'-0"	2	11'-0"
66"	4'-0"	2	12'-0"
72"	4'-0"	2	13'-0"
78"	4'-0"	2	14'-0"
84"	4'-0"	2	N/A

- TABLE 3 NOTES:
- For Round Structures sizes with variable angles between pipes and variable pipe sizes, refer to the FDOT Storm Drain Handbook.
 - For 3'-6" Precast Square Structure Bottoms, 30" Pipes with similar invert elevations are not permitted in adjacent walls. Use 4'-0" Side Dimensions when 30" pipe openings are required on adjacent walls and the difference in flow lines is less than 3'-0".
 - For 4'-0" Precast Square Structure Bottoms, 36" Pipes with similar invert elevations are not permitted in adjacent walls. Use 5'-0" Side Dimensions when 36" pipe openings are required on adjacent walls and the difference in flow lines is less than 3'-0".
 - For 7'-0" Precast Square Structure Bottoms, 66" Pipes with similar invert elevations are not permitted in adjacent walls. Use 8'-0" Side Dimensions when 66" pipe openings are required on adjacent walls and the difference in flow lines is less than 4'-0".

TABLE 4-MINIMUM SIZES FOR MULTIPLE PARALLEL PIPE CONNECTIONS FOR RECTANGULAR STRUCTURE BOTTOMS				
PIPE SIZE	PIPE SPACING (S)	MINIMUM WALL LENGTH (L) FOR NUMBER OF PARALLEL PIPES		
		2	3	4
18"	2'-10"	6'-0"	8'-6"	11'-0"
24"	3'-5"	6'-0"	10'-0"	13'-6"
30"	4'-3"	8'-0"	12'-6"	16'-6"
36"	5'-1"	9'-6"	14'-6"	19'-6"
42"	6'-0"	11'-0"	17'-0"	-
48"	6'-9"	12'-6"	19'-0"	-
54"	7'-8"	14'-0"	-	-
60"	8'-6"	15'-0"	-	-
66"	9'-0"	16'-6"	-	-
72"	10'-0"	18'-0"	-	-
78"	10'-9"	19'-6"	-	-
84"	11'-8"	20'-6"	-	-

- TABLE 4 NOTES:
- Minimum wall lengths based on precast structures, using concrete pipe with maximum skew angles per Table 5.
 - Wall lengths exceeding 20'-0" require special designs.

LAST REVISION	DESCRIPTION:	FDOT	FY 2019-20	STANDARD PLANS	STRUCTURE BOTTOMS TYPE J AND P	INDEX	SHEET
11/01/17					425-010	3 of 5	

STEPS SHALL BE INSTALLED ON ALL STORM INLETS AND JUNCTION BOXES DEEPER THAN 4 FEET.

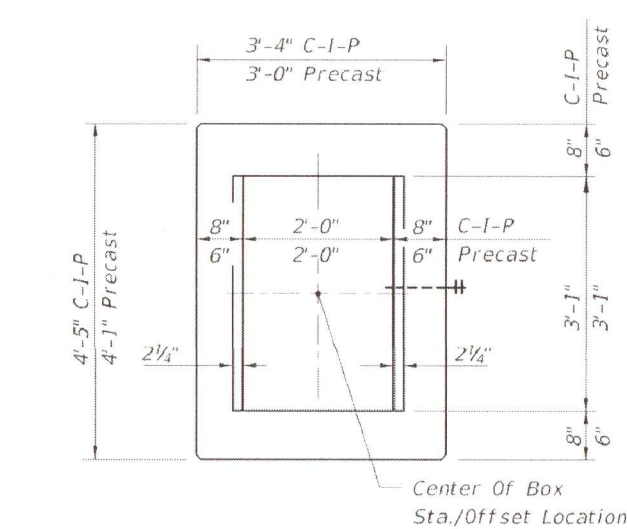
ROUND STRUCTURE BOTTOMS (ALTERNATE A) & ROUND RISERS- TABLE 1									
Type	Structure/Riser Diameter (ft)	Cast-In-Place Items Class II Concrete			Precast Items Class II Concrete			ASTM C478	
		Riser (in.)	Bottom (in.)	A ₁ (in./ft.)	Riser (in.)	Bottom (in.)	A ₂ (in./ft.)	L ₁ or L ₂ (in.)	A ₃ (in./ft.)
P	3'-6"	6	8	0.20	6	8	0.20	4"	0.105
P	4'-0"	6	8	0.20	6	8	0.20	5"	0.120
J	5'-0"	-	8	0.20	-	8	0.20	6"	0.150
J	6'-0"	-	8	0.20	-	8	0.20	6	0.180
J	7'-0"	-	8	0.20	-	8	0.20	7	0.210
J	8'-0"	-	8	0.20	-	8	0.20	8	0.240
J	10'-0"	-	10	0.40##	-	10	0.40##	10	0.300
J	12'-0"	-	10	0.40##	-	12	0.40##	12	0.360

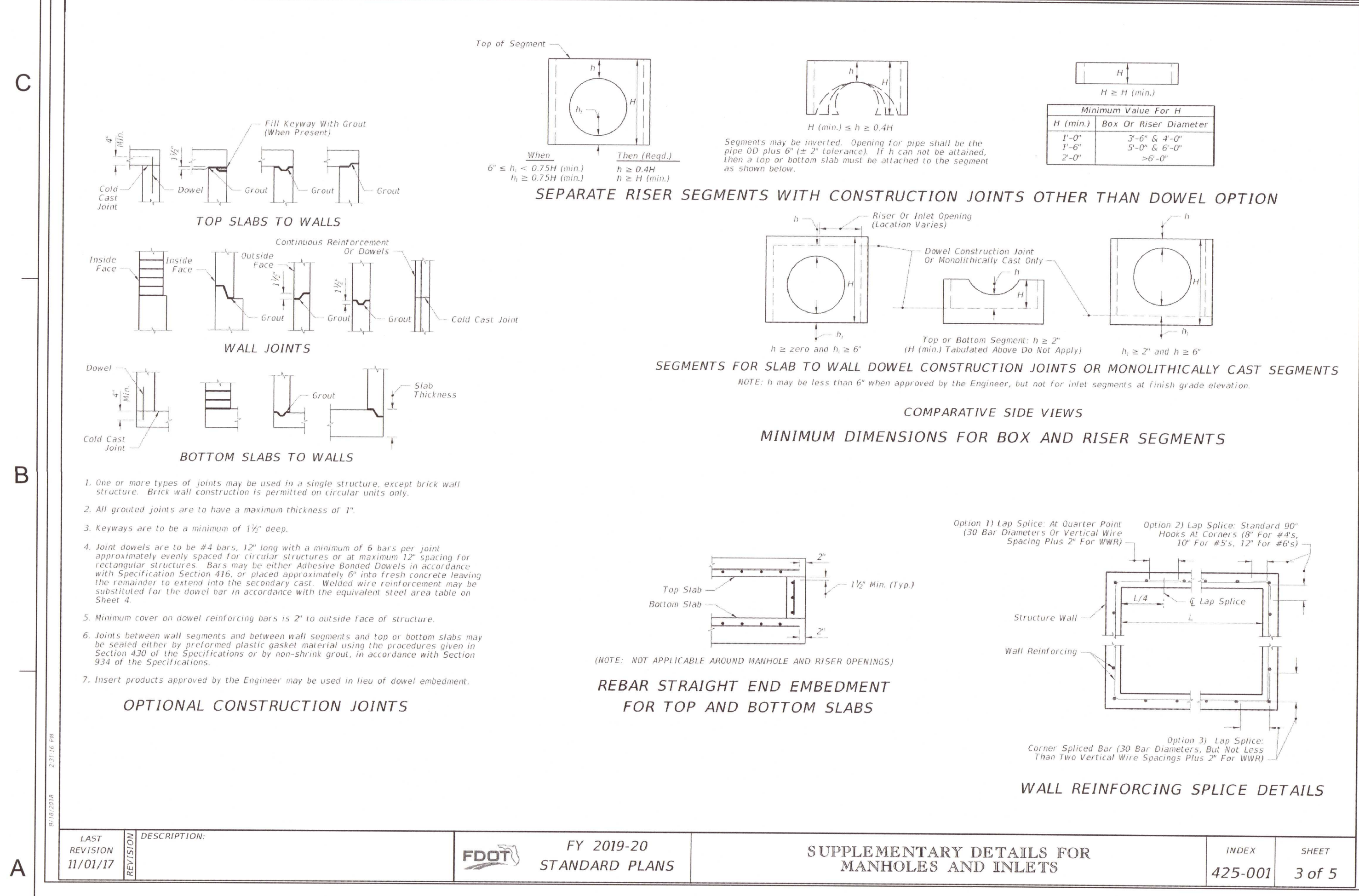
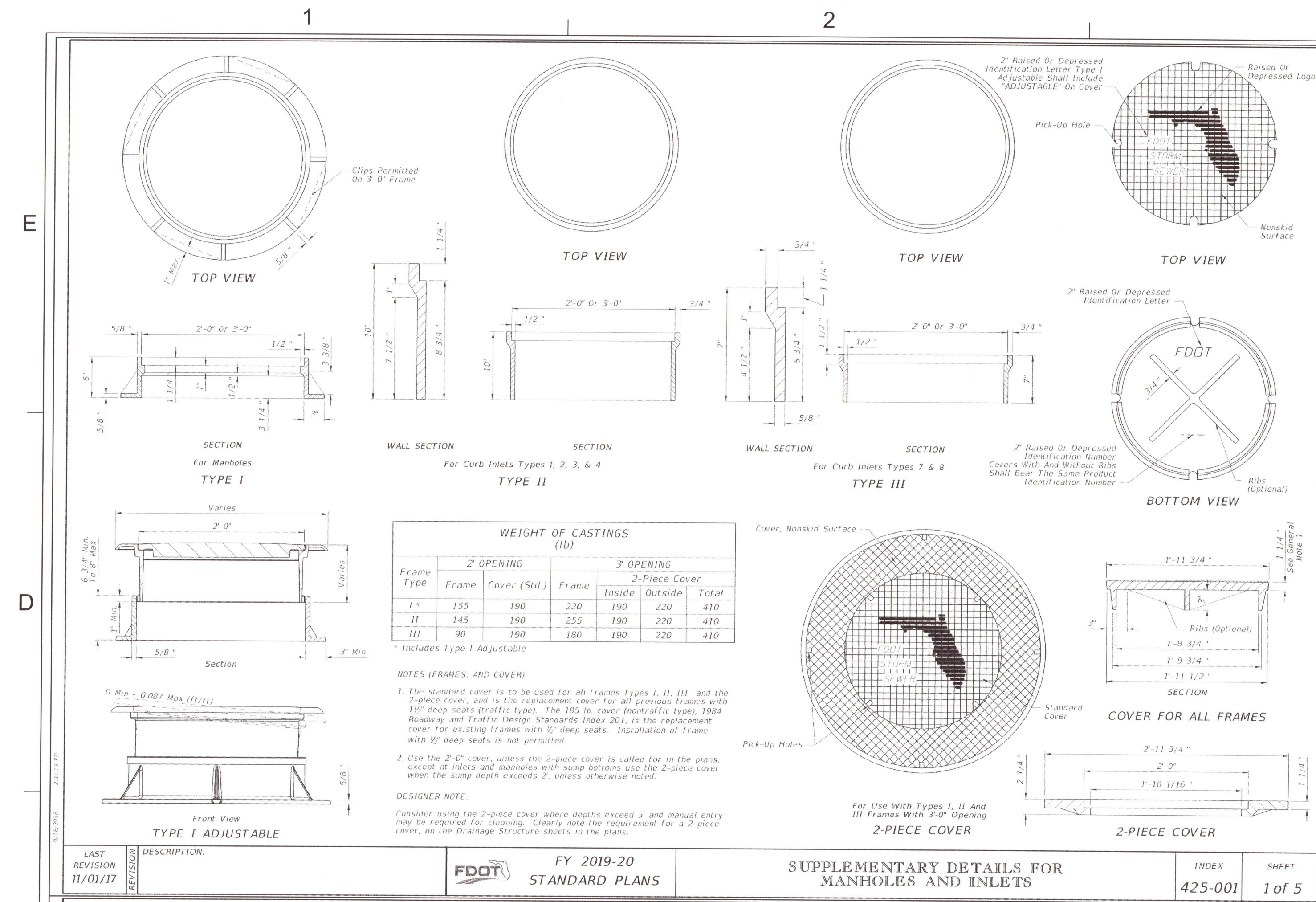
- TABLE 1 NOTES:
- ##Provide 0.20 sq. in./ft. at each face, 12" max. bar spacing.
 - ##Modified minimum wall thickness.
 - ***Min. total circumferential reinforcement for continuous steel hoops: A₁ = 0.40 sq. in. for riser section height equal or less than 2'-0" (2 hoop min.); A₂ = 0.60 sq. in. for riser section height more than 2'-0" up to 4'-0" (3 hoop min.); Areas of reinforcing for precast items are based on Grade 60 reinforcing. No reduction in the area of reinforcement is allowed for welded wire fabric in Table 1; Area of vertical reinforcing may be reduced in accordance with ASTM C478.

SQUARE & RECTANGULAR STRUCTURES (ALTERNATE B) - TABLE 2				
Type	Wall Length (ft)	Max. Depth (ft)	Wall Thickness (ft)	
			CIP (in.)	Precast (in.)
P	≤ 3'-6"	40	6 Riser	6
J	4'-0"	40	8	6
J	5'-0"	22	-	6
J	6'-0"	15	-	6
J	5'-0" to 9'-0"	40	8	8
J	10'-0"	26	8	8
J	10'-0" to 12'-0"	40	10	9
J	16'-0"	35	-	9
J	16'-0"	40	10	10
J	20'-0"	25	-	9
J	20'-0"	30	10	10

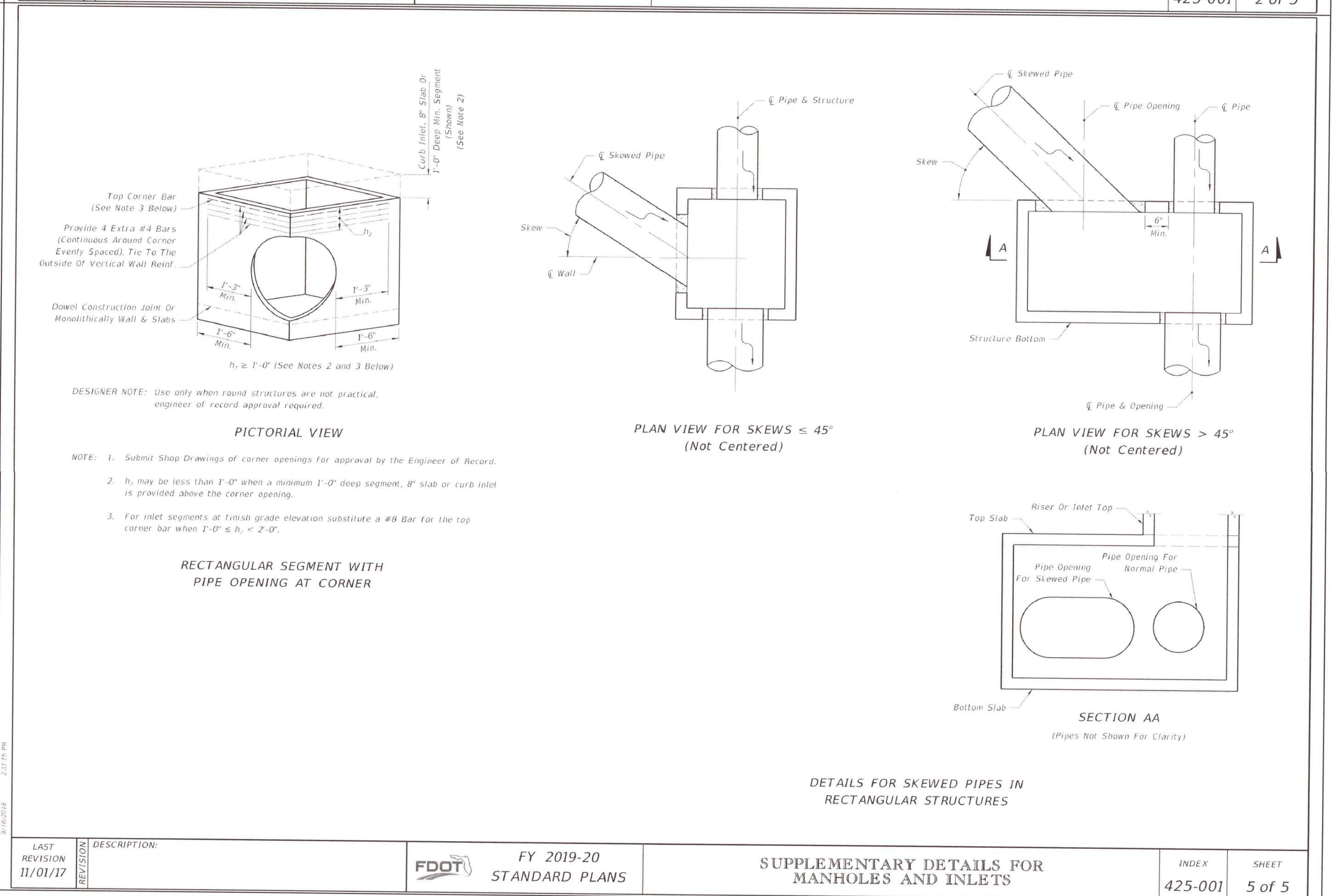
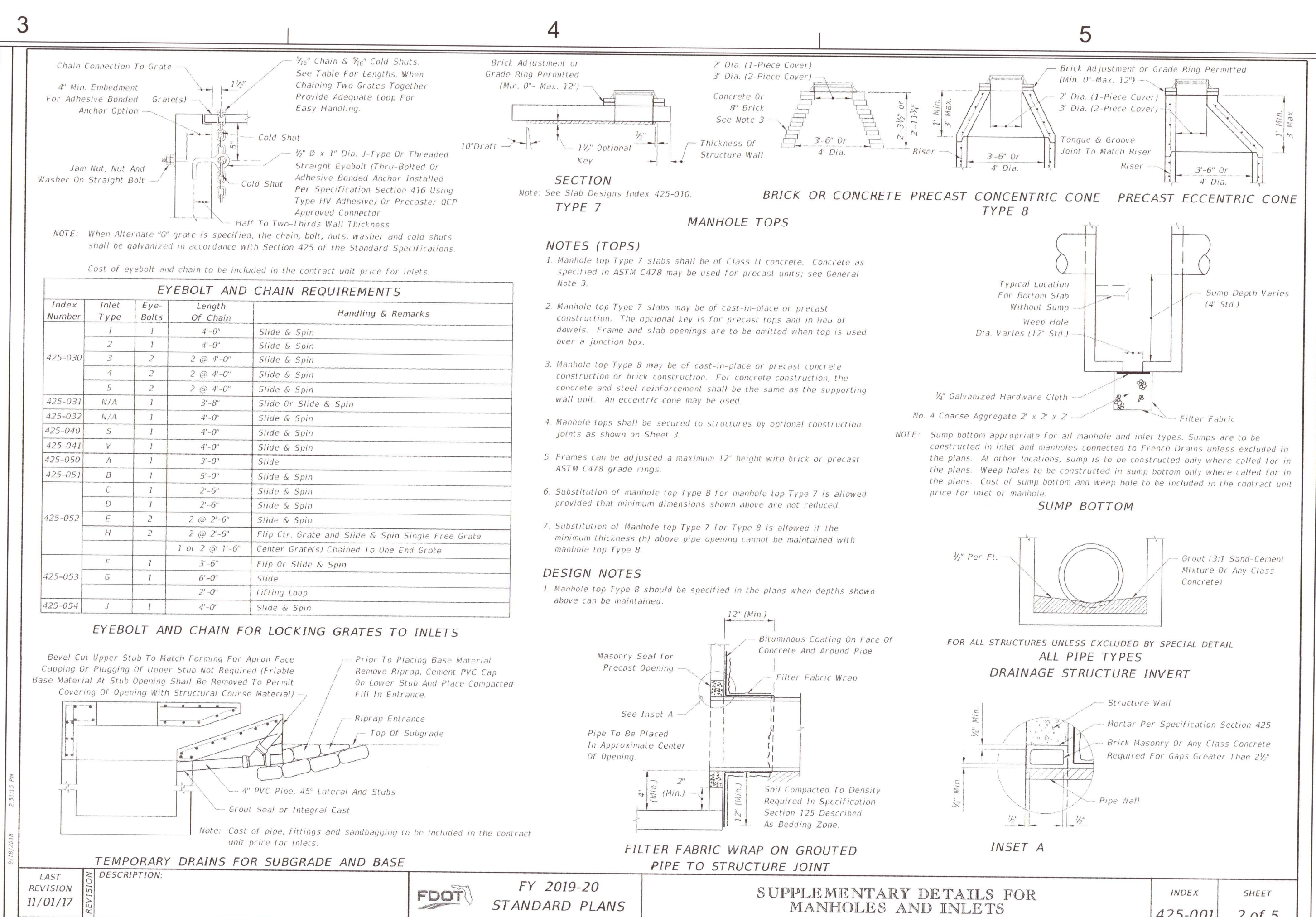
- TABLE 2 NOTES:
- See Table 8 for Reinforcing Schedule.

LAST REVISION	DESCRIPTION:	FDOT	FY 2019-20	STANDARD PLANS	STRUCTURE BOTTOMS TYPE J AND P	INDEX	SHEET
11/01/17					425-010	2 of 5	





LAST REVISION	DESCRIPTION	FDOT	FY 2019-20	STANDARD PLANS	SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS	INDEX	SHEET
11/01/17						425-001	3 of 5



LAST REVISION	DESCRIPTION	FDOT	FY 2019-20	STANDARD PLANS	SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS	INDEX	SHEET
11/01/17						425-001	5 of 5

STEPS SHALL BE INSTALLED ON ALL STORM INLETS AND JUNCTION BOXES DEEPER THAN 4 FEET.



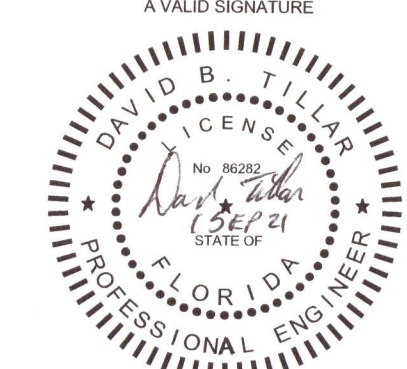
Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

SANCTUARY
SUBDIVISION

PHASE TWO
D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

SEAL

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DAVID B. TILLAR, P.E.
FL. PE No. 86282

PERMIT SET
NOT FOR CONSTRUCTION

SCALE

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REVISIONS

NO.	DESCRIPTION	DATE

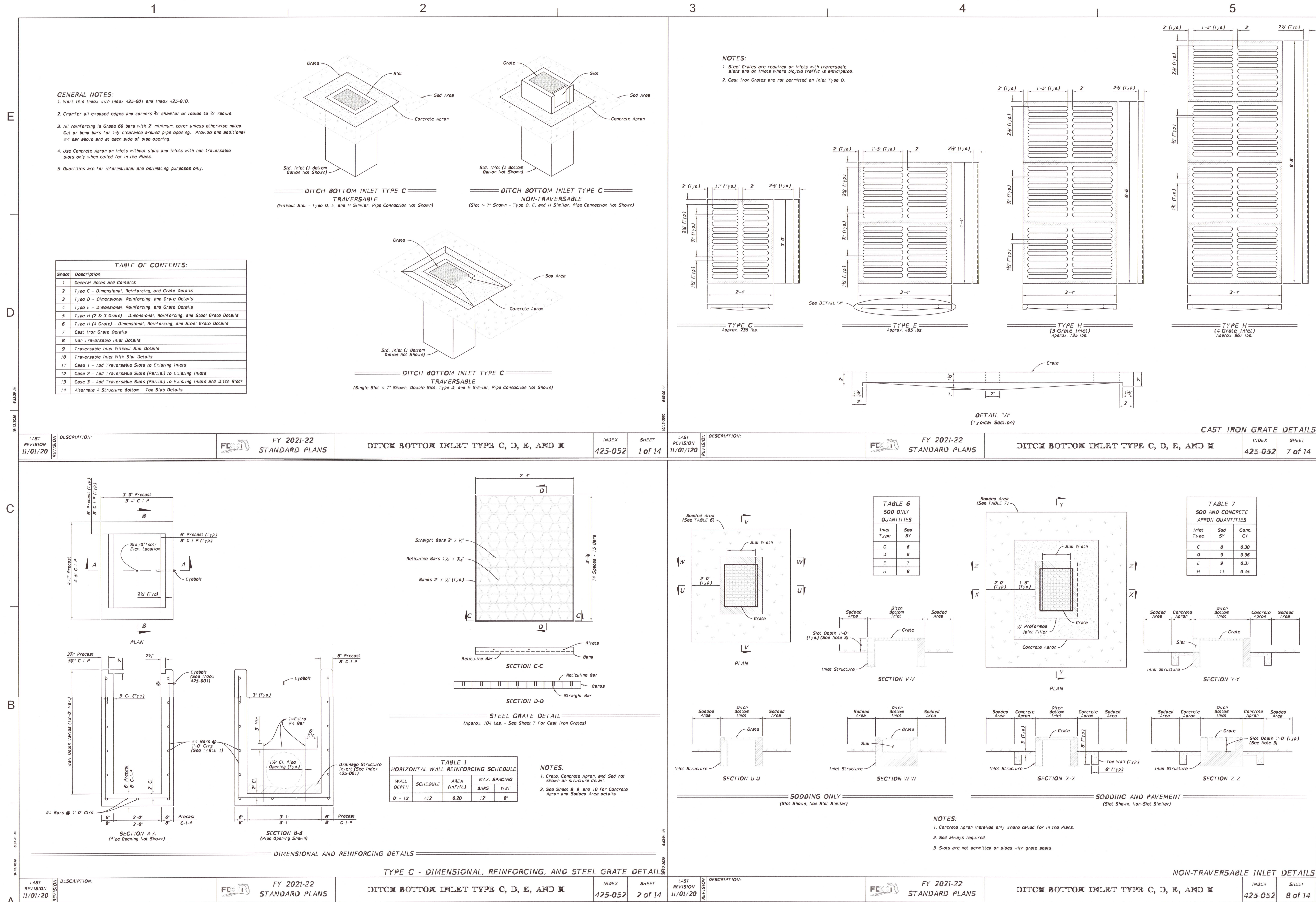
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DATE OCTOBER 2020
TITLE

CONSTRUCTION
DETAILS

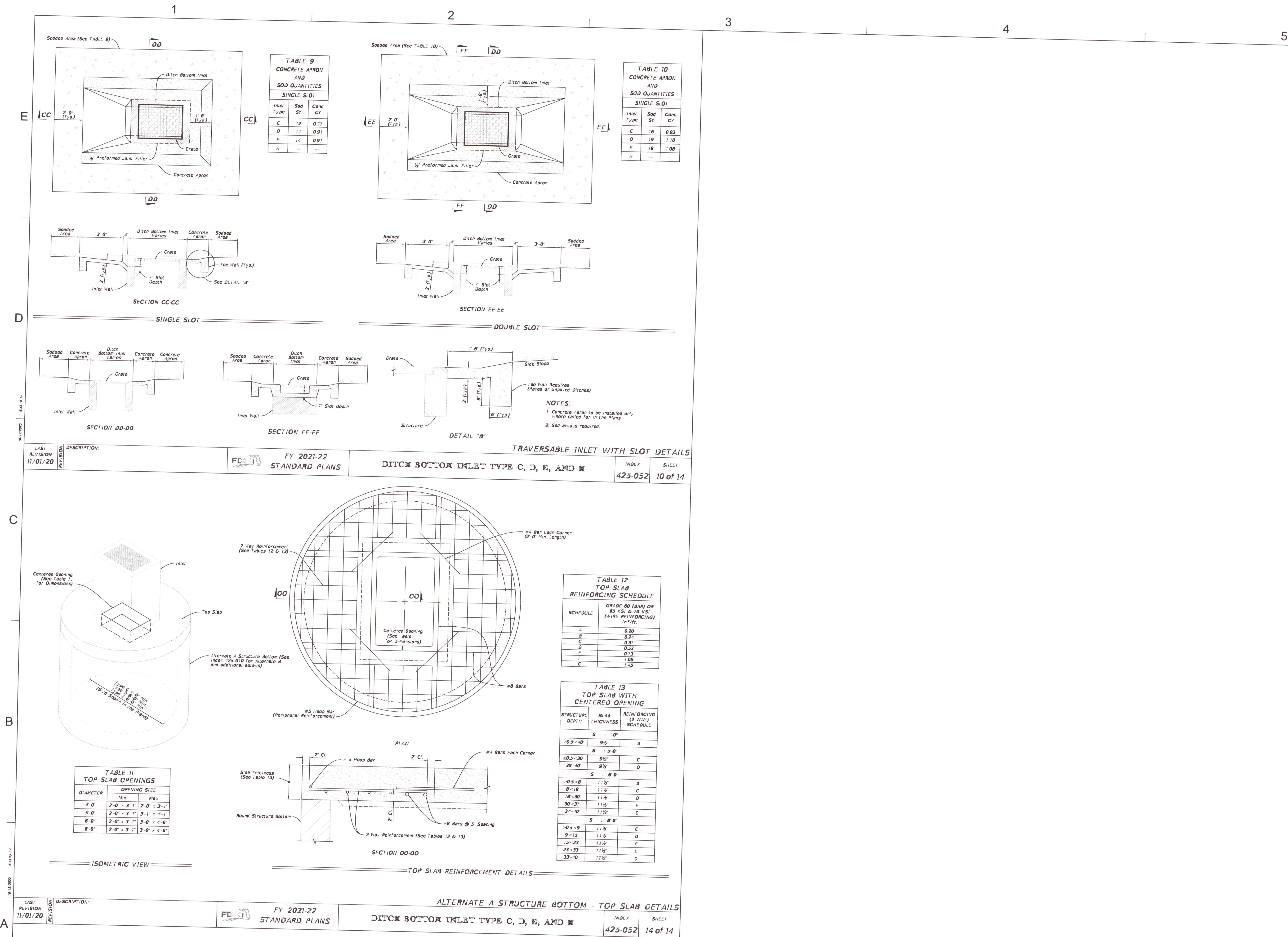
PROJECT NO. 50128595

C702

SHEET NO.



NO.	DESCRIPTION	DATE



STEPS SHALL BE INSTALLED ON ALL STORM INLETS AND JUNCTION BOXES DEEPER THAN 4 FEET.

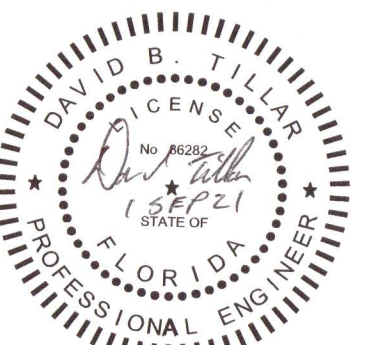


Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

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PHASE TWO
D. R. HORTON, INC.
ESCAMBA COUNTY, FLORIDA

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DAVID B. TILLAR, P.E.
FL. PE No. 15872

PERMIT SET
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SCALE

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REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY _____ CAH
APPROVED BY _____ DBT
CHECKED BY _____ JMB
DATE _____ OCTOBER 2020

TITLE

CONSTRUCTION
DETAILS

PROJECT NO. 50128595

C704

SHEET NO.

GENERAL NOTES

- Sidewalk curb ramps shall be constructed at locations that will provide continuous unobstructed pedestrian circulation path to pedestrian areas, elements and facilities within the right of way and to accessible pedestrian routes on adjacent sites. Curb facilities with sidewalks and those without sidewalks are to have curb ramps constructed for all intersections and turnouts with curbed returns. To accommodate curb ramps, partial curb returns are to extend to the limits prescribed in Index No. 515. Ramps constructed at locations without sidewalks are to have a landing constructed at the top of each ramp, see LANDINGS FOR CURB RAMPS WITHOUT SIDEWALKS.
- When altering existing pedestrian facilities, where existing restricted conditions preclude the accommodation of a ramp slope of 1:12, a ramp slope between 1:12 and 1:10 is permitted for a rise of 6" maximum. Where compliance with the requirements for cross slope cannot be fully met, the minimum feasible cross slope shall be provided. Ramp slopes are not required to exceed 15' in length.
- If sidewalk curb ramps are located where pedestrians must walk across the ramp, then provide transition slopes to the ramp, otherwise a sidewalk curb may be required.
- All sidewalks, ramps, and landings with a cross slope of 0.02 shown in this Index are 0.02 maximum. All ramp slopes shown in this Index as 1:12 are 1:12 maximum. Landings shall have slopes less than or equal to 0.02 in any direction.
- Grade breaks at the top and bottom of ramps shall be parallel to each other and perpendicular to the direction of the ramp slope.
- Where a sidewalk curb ramp is constructed within existing curb, curb and gutter and/or sidewalk, the existing curb or curb and gutter shall be removed to the nearest joint beyond the curb transition or to the extent that no remaining section of curb or curb and gutter is less than 5' long. Existing sidewalks shall be removed to the nearest joint beyond the transition slope or to the extent that no remaining section of sidewalk is less than 5' long. For CONCRETE SIDEWALK details refer to Index 310.
- Sidewalk curb ramp alpha-identifications are for reference purposes (plans, permits, etc.). Alpha-identifications CR-I and CR-J were intentionally omitted.
- Detectable warnings shall extend the full width of the ramp and to a depth of 2'. Detectable warnings shall be constructed in accordance with Specification Section 527. For the layout of detectable warnings, refer to the TYPICAL PLACEMENT OF DETECTABLE WARNINGS details. Detectable warnings shall not be provided on transition slopes.
- When detectable warnings are placed on a slope greater than 5%, domes shall be aligned with the centerline of the ramp; otherwise domes are not required to be aligned.
- Detectable warnings shall be required on sidewalks and shared use paths at:
 - Intersecting roads,
 - Median Crossings greater than or equal to 6' in width,
 - Railroad Crossings,
 - Signalized driveways.
- Detectable Warnings - Acceptance Criteria:
 - Color and texture shall be complete and uniform.
 - 80% of individual truncated domes shall be in accordance with the Americans with Disabilities Act Standards for Transportation Facilities, Section 205.
 - There shall be no more than 4 non-compliant domes in any one square foot.
 - Non-compliant domes shall not be adjacent to other non-compliant domes.
 - Surfaces shall not deviate more than 0.10" from a true plane.
- Detectable warnings shall be installed no greater than 5' from the back of curb or edge of pavement.
- Detectable warnings shall not be installed over grade breaks.

LEGEND

Detectable Warnings

LAST REVISION 07/01/13 DESCRIPTION:

FY 2016-17 DESIGN STANDARDS

DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

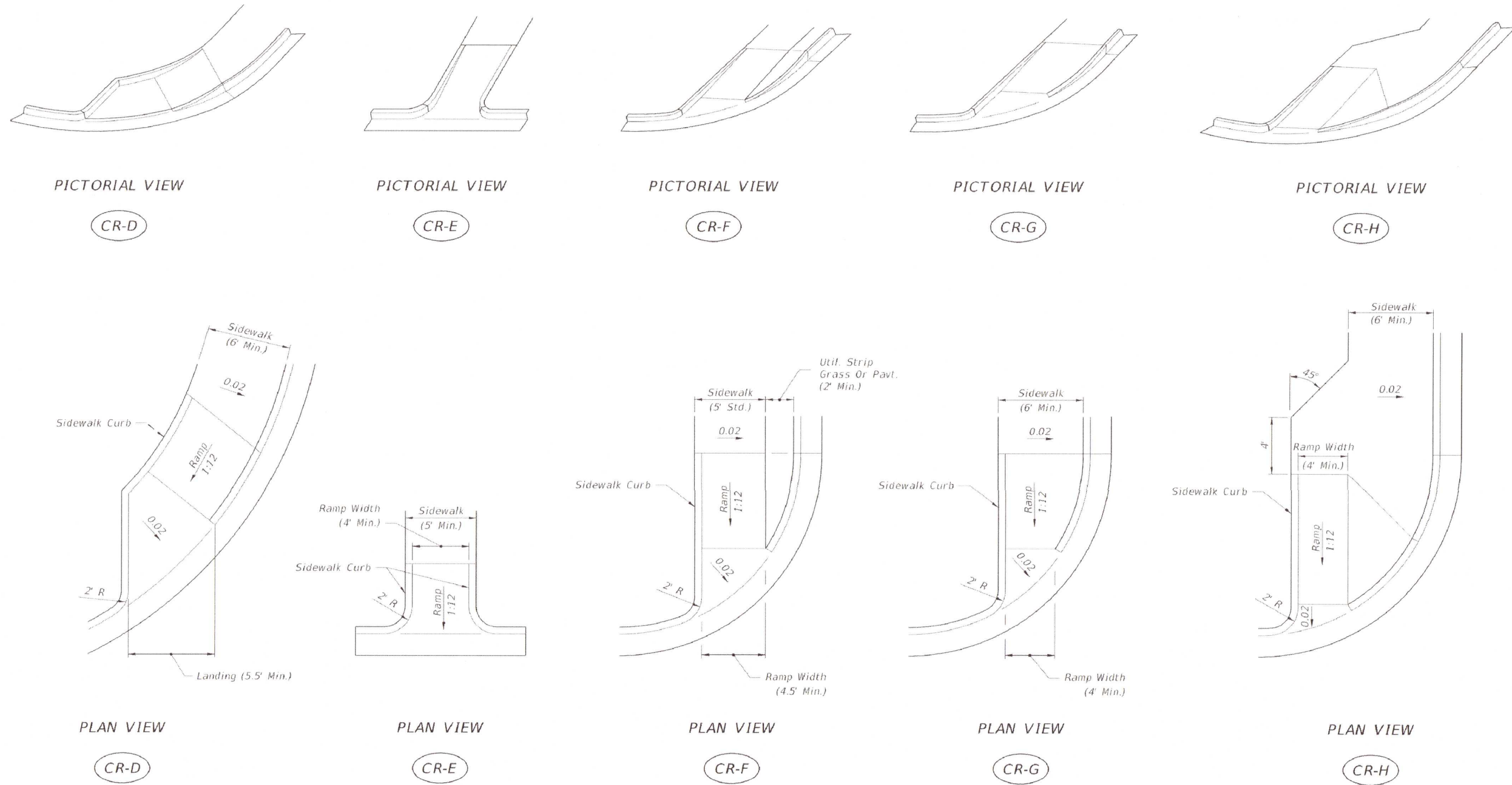
INDEX NO. 304 SHEET NO. 1 of 7

LAST REVISION 07/01/13 DESCRIPTION:

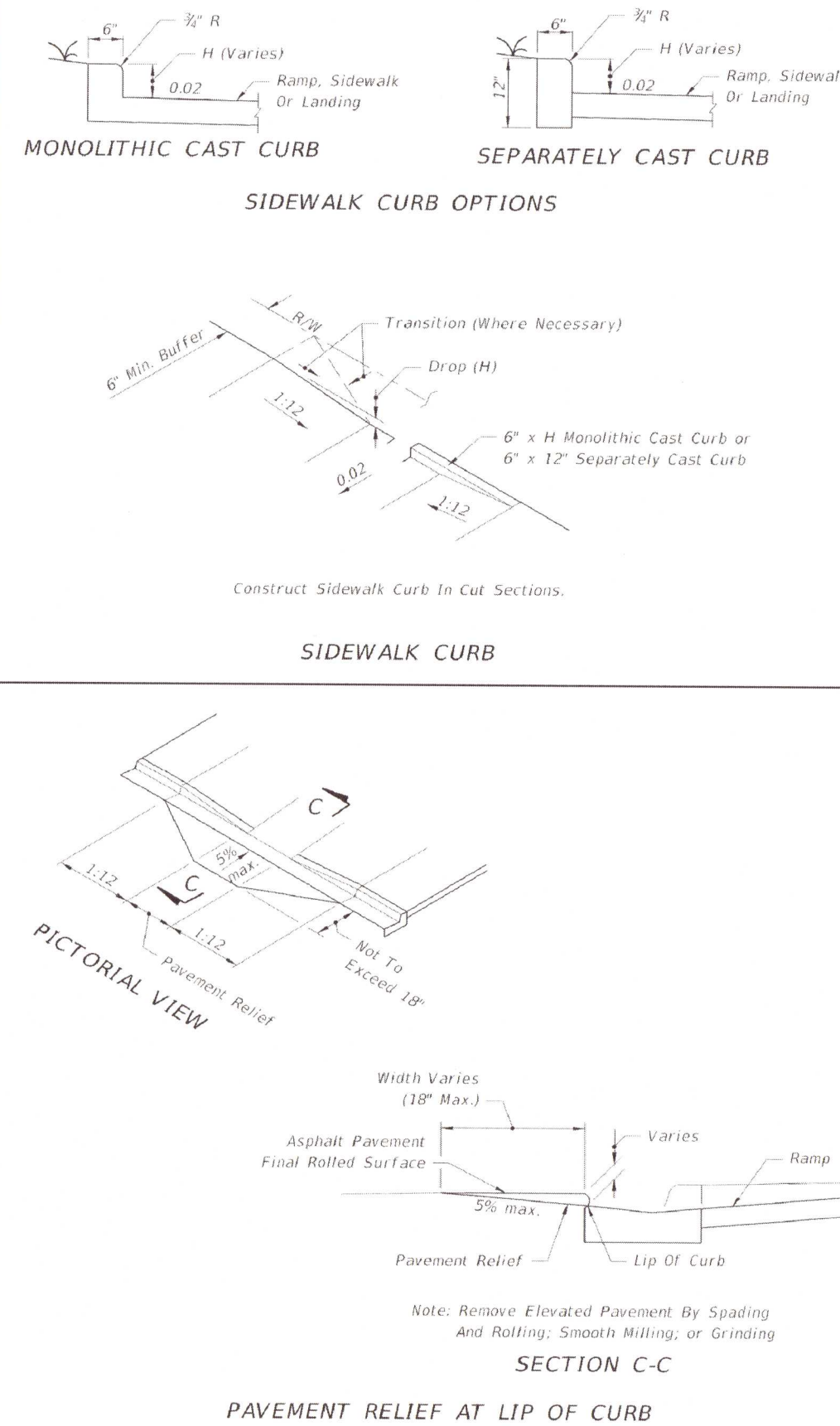
FY 2016-17 DESIGN STANDARDS

DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

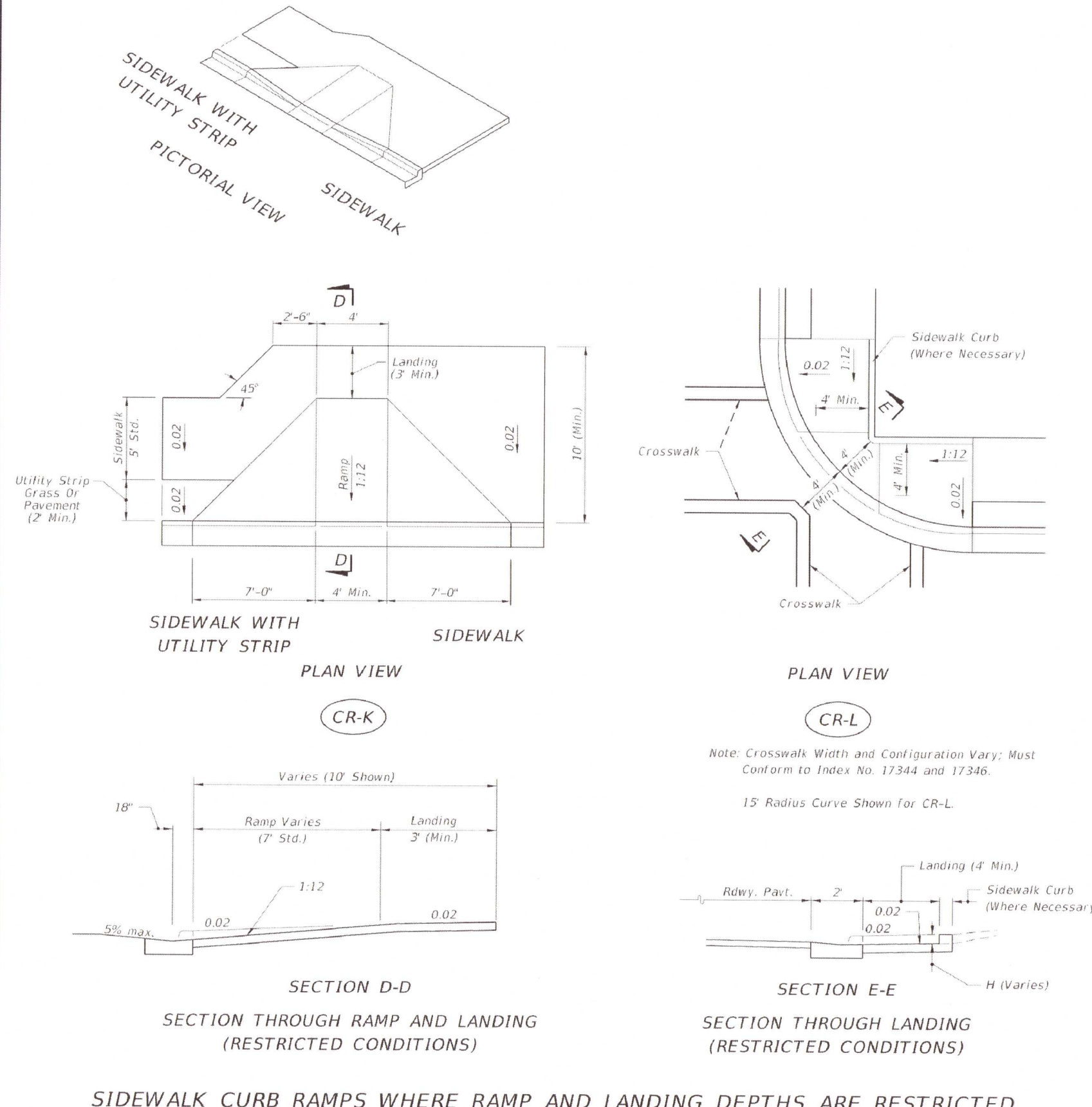
INDEX NO. 304 SHEET NO. 2 of 7



DIMENSIONAL FEATURES OF SIDEWALK CURB RAMPS FOR LINEAR PEDESTRIAN TRAFFIC



PAVEMENT RELIEF AT LIP OF CURB



SIDEWALK CURB RAMPS WHERE RAMP AND LANDING DEPTHS ARE RESTRICTED

LAST REVISION 07/01/13 DESCRIPTION:

FY 2016-17 DESIGN STANDARDS

DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

INDEX NO. 304 SHEET NO. 3 of 7

LAST REVISION 07/01/13 DESCRIPTION:

FY 2016-17 DESIGN STANDARDS

DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

INDEX NO. 304 SHEET NO. 4 of 7

ALL SIDEWALKS, ASSOCIATED RAMPS AND OTHER INFRASTRUCTURE AND DRIVEWAY CONSTRUCTION SHALL MEET THE LATEST REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

Dewberry

Dewberry Engineers Inc.
25353 Friendship Road
Daphne, AL 36526

SANCTUARY
SUBDIVISION
PHASE TWO
D. R. HORTON, INC.
ESCAMBIA COUNTY, FLORIDA

SEAL

NOT APPROVED UNLESS ACCOMPANIED WITH A VALID SIGNATURE



DAVID B. TILLAR, P.E.
FL. PE No. 86282

COA# 8794

PERMIT SET
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SCALE

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REVISIONS

NO.	DESCRIPTION	DATE

DRAWN BY CAH
APPROVED BY DBT
CHECKED BY JMB
DATE OCTOBER 2020

TITLE

CONSTRUCTION
DETAILS

PROJECT NO. 50128595

C705

SHEET NO.

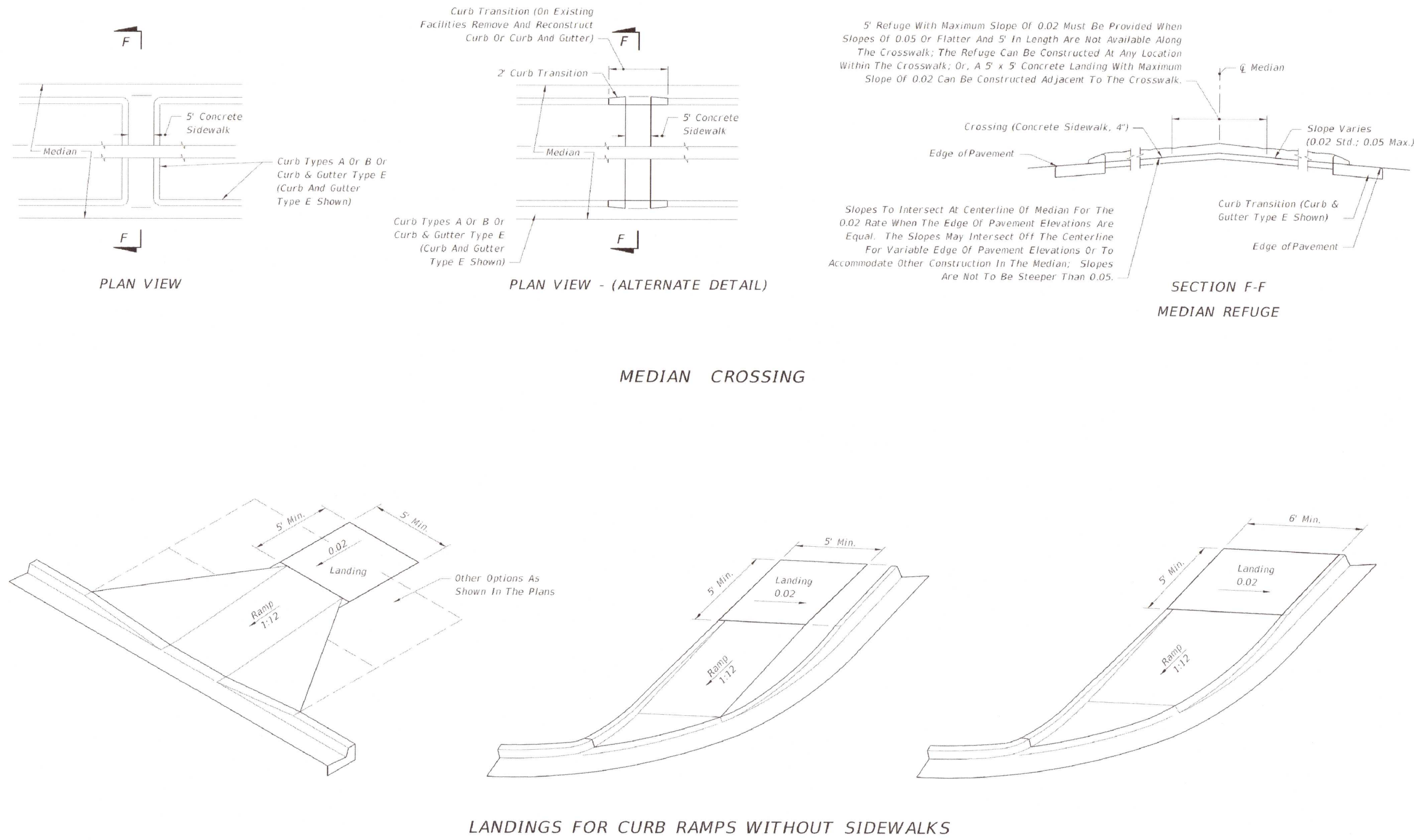
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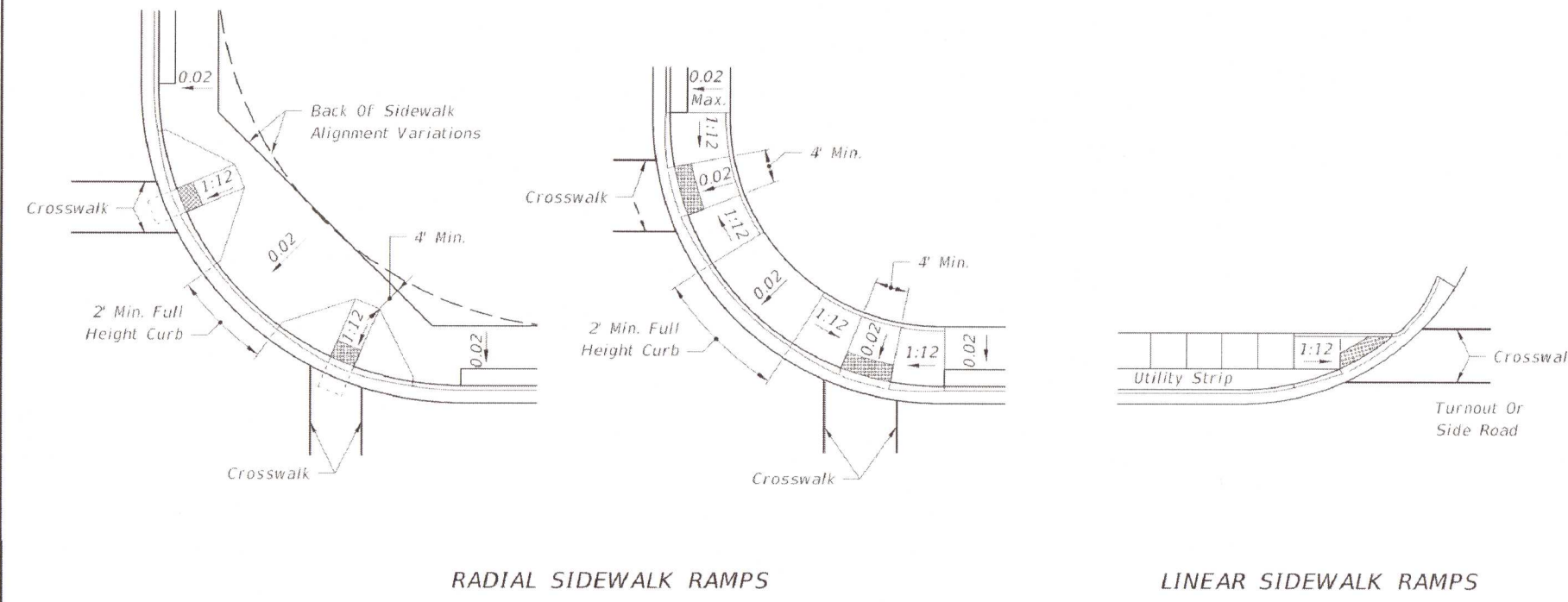
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LAST REVISION	DESCRIPTION	FY 2016-17 DESIGN STANDARDS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX NO. 304	SHEET NO. 5 of 7
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- NOTES:
- Where crosswalk markings are used, ramps shall fall within the crosswalk limits. A clear space of 48" minimum is required at the bottom of the ramp within a marked crosswalk. If crosswalk markings are not present, a clear space of 48" minimum is required at the bottom of the ramp outside of active travel lanes.
 - Crosswalk widths and configurations vary; must conform to Index No. 17344 and 17346.

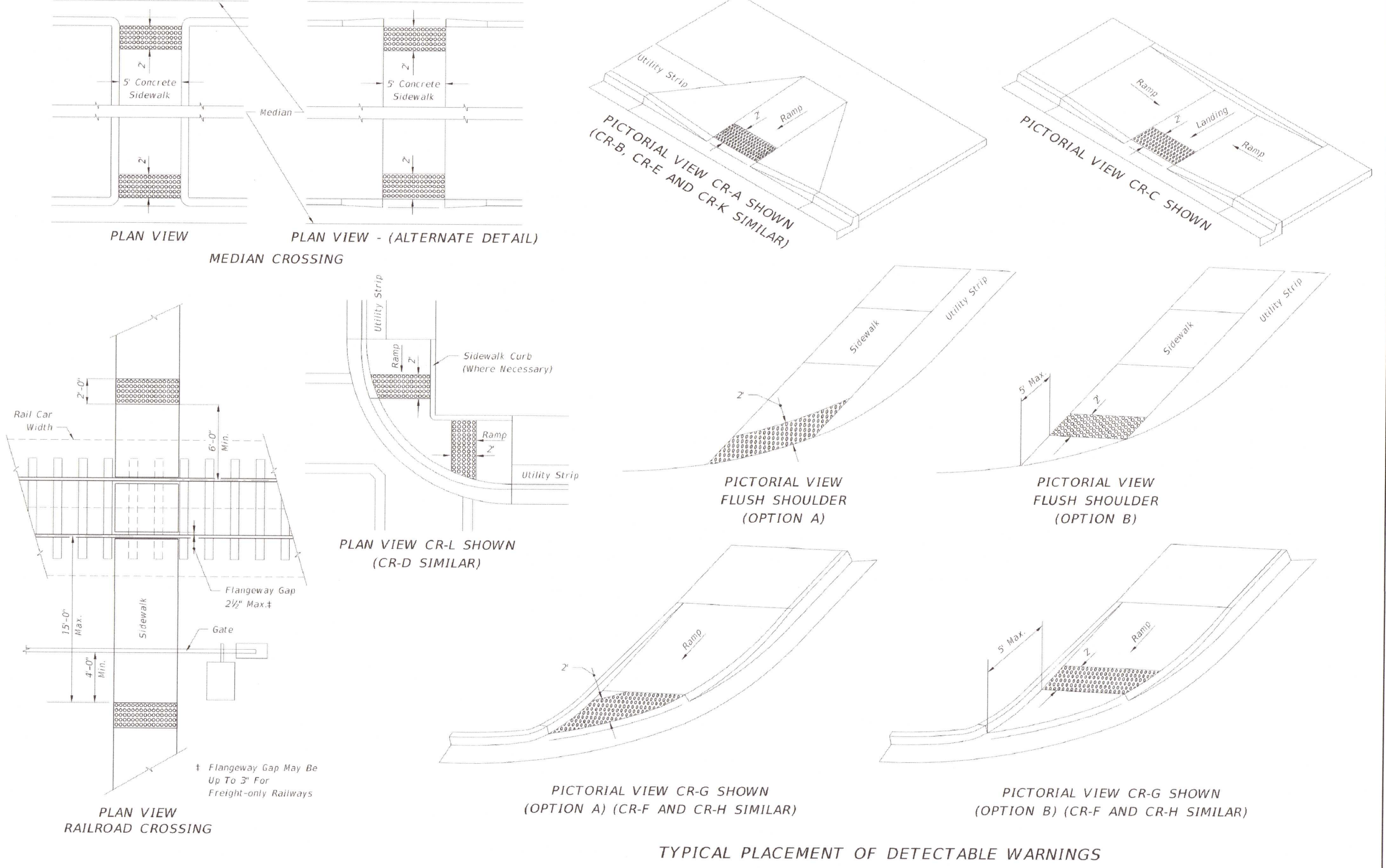
LAST REVISION	DESCRIPTION	FY 2016-17 DESIGN STANDARDS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX NO. 304	SHEET NO. 7 of 7
07/01/13					

ALL SIDEWALKS, ASSOCIATED RAMPS AND OTHER INFRASTRUCTURE AND DRIVEWAY CONSTRUCTION SHALL MEET THE LATEST REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

TABLE OF DETECTABLE WARNINGS		
CURB RAMP TYPE	CURB RADIUS (FT)	TOTAL AREA (SF)
CR-A	N/A	8
CR-B	N/A	8
CR-C	N/A	8
CR-D	25	11
CR-E	N/A	8
CR-F	10 20 25 30	9 11 13 14
CR-G	10 20 25 30	10 11 12 14
CR-H	20 25 30	8 8 8
CR-K	N/A	8
CR-L	10 15	18 13
FLUSH SHOULDER		
OPTION A	10 20 25 30 40 50	11 14 15 17 19 21
OPTION B	10 20 25	10 10 10

Note:
Due to construction applications, CR-L is the only curb ramp for which a detectable warning quantity was calculated using a curb radius of 15'.
For flush shoulder options with 5' sidewalks, the back of sidewalk is measured at 10' from the edge of traveled way.

AREAS OF DETECTABLE WARNINGS FOR SIDEWALK CURB RAMP AND FLUSH SHOULDER APPLICATIONS

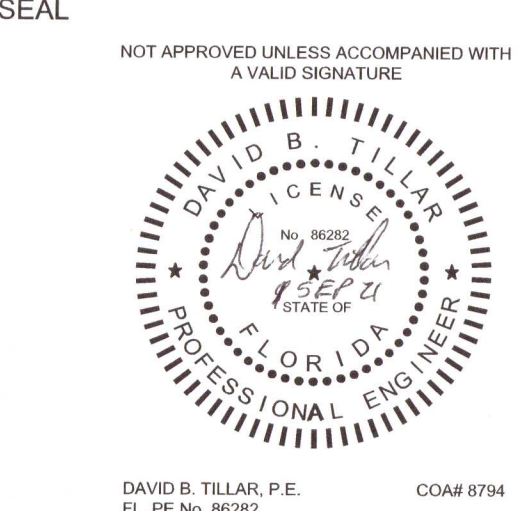


LAST REVISION	DESCRIPTION	FY 2016-17 DESIGN STANDARDS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX NO. 304	SHEET NO. 6 of 7
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