DRAINAGE FEE

Imperv. Surf. 166,979 sq ft.

Stormwater Ret. 0.81% (F)

Total Drainage Fee $6,762.65

Pond Maint. Fee: MSBU

Utility addendums must be submitted prior to roadway construction.
Only conventional steel RCP is acceptable under County roadways and curb lines. All pipes within County ROW's shall be a minimum 18" diameter, shall have a minimum 1foot of cover, and shall be watertight prior to acceptance and at the end of the 2-year warranty/compliance period.

CONSTRUCTION PLANS
FOR
BRIDLEWOOD 1ST ADDITION
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

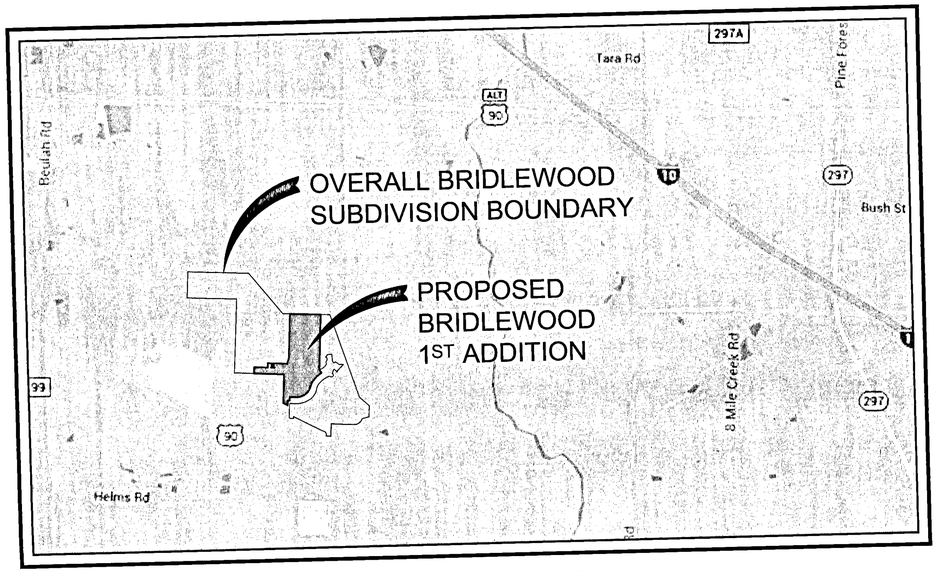
January 24, 2019

RBA PROJECT NO.: 2017.274

SITE INFORMATION	
OWNER:	MOBILE HWY PENSACOLA LLC 2000 VILLAFANE DR PENSACOLA, FL 32503
DEVELOPER:	D.R. HORTON INC 25366 PROFIT DRIVE DAPHNE, ALABAMA 36526
PROPERTY REFERENCE NO:	16-1S-31-2000-513-005; 16-1S-31-2000-510-005; 16-1S-31-2000-600-005
PROPERTY ADDRESS:	STEEPLECHASE BOULEVARD
PROPERTY AREA:	46.64 ACRES
PROJECT AREA:	26.01 ACRES
PROPERTY ZONING:	LDR/MDR
FUTURE LAND USE:	MU-S
PROPOSED ACTIVITY:	SUBDIVISION
REQUIRED BUILDING SETBACKS MDR:	FRONT YARD – 25 FT. SIDE YARD – 10% OF LOT WIDTH, 5' MIN–15' MAX REAR YARD – 25 FT.

FEMA FLOOD INSURANCE RATE MAP INFORMATION					
THE PARCEL SHOWN FOR DEVELOPMENT IS LOCATED WITHIN THE FOLLOWING FLOOD ZONE(S) AS DETAILED BY FEMA FIRM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW:					
FLOOD ZONE(S)	COMMUNITY No.	MAP No.	PANEL No.	SUFFIX	MAP REVISION DATE
AE, X	120080	12033C	290	G	SEPT 29, 2006

CONTACTS	
REBOL-BATTLE & ASSOCIATES CIVIL ENGINEERS AND SURVEYORS 2301 N. NINTH AVENUE SUITE 300 PENSACOLA, FLORIDA 32503	CONTACT: JEREMY KING, P.E. CONTACT: MARK. A. NORRIS, P.S.M. PHONE: 850.438.0400 FAX: 850.438.0448
GULF POWER 5120 DOGWOOD DRIVE MILTON, FLORIDA 32570	CONTACT: CHAD SWAILS PHONE: 850.429.2446 FAX: 850.429.2432
COX CABLE 3405 McLEMORE DR. PENSACOLA, FLORIDA 32514	CONTACT: TROY YOUNG PHONE: 850.857.4510 FAX: 850.475.0621
ECUA 9255 STURDEVANT STREET PENSACOLA, FLORIDA 32514	CONTACT: TOMMY TAYLOR PHONE: 850.969.6516
ENERGY SERVICES GAS 1625 ATWOOD DRIVE PENSACOLA, FLORIDA 32504	CONTACT: DIANE MOORE PHONE: 850.474.5319 FAX: 850.474.5331
AT&T, INC. 605 W. GARDEN STREET PENSACOLA, FLORIDA 32501	CONTACT: JONATHAN BLANKINCHIP PHONE: 850.436.1489
ESCAMBIA COUNTY ENGINEER 1190 W. LEONARD STREET PENSACOLA, FLORIDA 32501	CONTACT: JOY JONES PHONE: 850.595.3434
GULF SOUTH PIPELINE 480 VAN PELT LANE PENSACOLA, FL 32505	CONTACT: CHUCK CHAPMAN PHONE: 850.324.6337
MCI	PHONE: 800.624.9675
SUNSHINE UTILITIES	PHONE: 800.432.4770



VICINITY MAP
SCALE: 1" = 2000'

RBA

REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors

2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400
Fax 850.438.0448
EB 00009657 LB 7916

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 UPDATE No.1 DATED SEPTEMBER 1, 2016 (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	
	SPECIFICATION	DETAIL	PLANS	PROJECT MANUAL*

**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.

INDEX OF DRAWINGS

C1.0~C1.4	EXISTING SITE, DEMOLITION AND EROSION CONTROL PLAN
C1.5~C1.6	EROSION CONTROL DETAILS, NPDES-STORMWATER POLLUTION PREVENTION PLAN
C2.0~C2.7	SITE LAYOUT AND DIMENSION PLAN
C3.0~C3.12	GRADING AND DRAINAGE PLAN
C4.0~C4.4	UTILITY PLAN
C5.0~C5.9	ROADWAY PLAN AND PROFILE
C6.0~C6.11	STORMWATER PLAN AND PROFILE
C7.0~C7.9	CROSS SECTIONS

Approved _____ Jan 30 2019
Colby Brown, P.E. Or Designee 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.

LEGAL DESCRIPTION

DESCRIPTION: (AS PREPARED BY REBOL-BATTLE AND ASSOCIATES)

A PORTION OF PARCELS C-3, C-5 AND D-3 OF BRIDLEWOOD, AS RECORDED IN PLAT BOOK 19, PAGES 21, 21A – 21H, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA; MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A 4" SQUARE CONCRETE MONUMENT LOCATED AT THE NORTHEAST CORNER OF SECTION 16, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA, THENCE PROCEED NORTH 86°57'06" WEST ALONG THE NORTH LINE OF SAID SECTION 16 FOR A DISTANCE OF 50.24 FEET; THENCE DEPARTING SAID NORTH LINE PROCEED SOUTH 03°33'40" WEST FOR A DISTANCE OF 348.86 FEET TO THE NORTHEAST CORNER OF BRIDLEWOOD, AS RECORDED IN PLAT BOOK 19, PAGES 21, 21A – 21H, OF THE PUBLIC RECORDS OF SAID COUNTY; THENCE PROCEED NORTH 87°10'23" WEST ALONG THE NORTH LINE OF SAID BRIDLEWOOD FOR A DISTANCE OF 3000.16 FEET TO THE POINT OF BEGINNING; THENCE DEPARTING SAID NORTH LINE PROCEED SOUTH 02°49'37" WEST FOR A DISTANCE OF 1486.47 FEET TO THE SOUTHWEST LINE OF PARCEL A-4 ALSO BEING A NON-TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWESTERLY, SAID CURVE HAVING A RADIUS OF 820.00 FEET; THENCE PROCEED SOUTHEASTERLY ALONG THE ARC OF SAID CURVED SOUTHWEST LINE FOR AN ARC DISTANCE OF 100.31 FEET (DELTA ANGLE = 7°00'32", CHORD DISTANCE = 100.25 FEET, CHORD BEARING = SOUTH 34°33'23" EAST) TO THE CURVED NORTHWEST LINE OF BLOCK "C" ALSO BEING A POINT ON A CIRCULAR CURVE CONCAVE SOUTHEASTERLY, SAID CURVE HAVING A RADIUS OF 770.00 FEET; THENCE DEPARTING SAID SOUTHWEST LINE PROCEED SOUTHWESTERLY ALONG THE CURVED NORTHWEST LINE OF SAID BLOCK "C" AND BLOCK "B" FOR AN ARC DISTANCE OF 334.58 FEET (DELTA ANGLE = 24°53'47", CHORD DISTANCE = 331.96 FEET, CHORD BEARING = SOUTH 47°12'57" WEST) TO A POINT OF COMPOUND CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHEASTERLY, SAID CURVE HAVING A RADIUS OF 370.00 FEET; THENCE PROCEED SOUTHWESTERLY ALONG SAID CURVED NORTHWEST LINE OF BLOCK "B" FOR AN ARC DISTANCE OF 126.34 FEET (DELTA ANGLE = 19°33'51", CHORD DISTANCE = 125.73 FEET, CHORD BEARING = SOUTH 25°01'27" WEST) TO A POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHWESTERLY, SAID CURVE HAVING A RADIUS OF 400.00 FEET; THENCE PROCEED SOUTHWESTERLY ALONG SAID CURVED NORTHWEST LINE OF BLOCK "B" FOR AN ARC DISTANCE OF 544.70 FEET (DELTA ANGLE = 78°01'20", CHORD DISTANCE = 503.58 FEET, CHORD BEARING = SOUTH 54°10'39" WEST) TO THE POINT OF TANGENCY; THENCE PROCEED NORTH 86°51'40" WEST ALONG THE NORTH LINE OF SAID BLOCK "B" FOR A DISTANCE OF 168.05 FEET TO THE NORTHWEST CORNER OF SAID BLOCK "B"; THENCE DEPARTING SAID NORTH LINE PROCEED SOUTH 03°07'55" WEST ALONG THE WEST LINE OF SAID BLOCK "B" FOR A DISTANCE OF 94.81 FEET TO THE NORTH RIGHT-OF-WAY (R/W) LINE OF STEEPLECHASE BOULEVARD (50' WIDE PUBLIC R/W); THENCE PROCEED NORTH 86°51'40" WEST ALONG SAID NORTH R/W LINE FOR A DISTANCE OF 50.00 FEET TO THE WEST R/W LINE OF SAID STEEPLECHASE BOULEVARD; THENCE DEPARTING SAID NORTH R/W LINE PROCEED SOUTH 03°07'55" WEST ALONG SAID WEST R/W LINE FOR A DISTANCE OF 128.57 FEET; THENCE DEPARTING SAID WEST R/W LINE PROCEED NORTH 62°06'25" WEST ALONG THE SOUTH LINE OF PARCEL D-3 FOR A DISTANCE OF 131.41 FEET TO THE WEST LINE OF PARCEL D-3; THENCE DEPARTING SAID SOUTH LINE PROCEED NORTH 03°07'55" EAST ALONG SAID WEST LINE FOR A DISTANCE OF 770.19 FEET TO THE SOUTH LINE OF PARCEL D-3; THENCE DEPARTING SAID WEST LINE PROCEED NORTH 86°39'07" WEST ALONG SAID SOUTH LINE FOR A DISTANCE OF 800.61 FEET; THENCE DEPARTING SAID SOUTH LINE PROCEED NORTH 03°20'53" EAST FOR A DISTANCE OF 170.00 FEET; THENCE PROCEED SOUTH 86°39'07" EAST FOR A DISTANCE OF 96.87 FEET; THENCE PROCEED NORTH 03°20'53" EAST FOR A DISTANCE OF 346.11 FEET; THENCE PROCEED NORTH 86°39'07" EAST FOR A DISTANCE OF 101.73 FEET; THENCE PROCEED NORTH 41°38'56" EAST FOR A DISTANCE OF 29.47 FEET; THENCE PROCEED SOUTH 03°20'53" WEST FOR A DISTANCE OF 95.00 FEET TO THE POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHWEST, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED SOUTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 39.27 FEET (DELTA ANGLE = 90°00'00", CHORD DISTANCE = 35.36 FEET, CHORD BEARING = SOUTH 48°20'53" WEST); THENCE PROCEED SOUTH 86°39'07" EAST FOR A DISTANCE OF 100.00 TO THE NON-TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHEAST, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED NORTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 39.27 FEET (DELTA ANGLE = 90°00'00", CHORD DISTANCE = 35.36 FEET, CHORD BEARING = NORTH 41°39'07" WEST) TO THE POINT OF TANGENCY; THENCE PROCEED NORTH 03°20'53" EAST FOR DISTANCE OF 95.00 FEET; THENCE PROCEED SOUTH 86°39'07" EAST FOR DISTANCE OF 360.00 FEET; THENCE PROCEED NORTH 03°20'53" EAST FOR DISTANCE OF 95.00 FEET; THENCE PROCEED NORTH 02°49'37" EAST FOR A DISTANCE OF 1182.29 FEET TO PROCEED NORTH 17°30'05" EAST FOR A DISTANCE OF 164.37 FEET; THENCE PROCEED NORTH 87°10'23" EAST ALONG SAID NORTH LINE FOR A DISTANCE OF 826.53 FEET TO THE AFORESAID NORTH LINE OF BRIDLEWOOD; THENCE PROCEED SOUTH 87°10'23" EAST ALONG SAID NORTH LINE FOR A DISTANCE OF 826.53 FEET TO THE POINT OF BEGINNING.

LYING IN AND BEING A PORTION OF SECTION 16, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA, AND CONTAINING 46.64 ACRES MORE OR LESS.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING "RELEASED FOR CONSTRUCTION" DRAWINGS FROM REBOL-BATTLE & ASSOCIATES BEFORE BEGINNING CONSTRUCTION. REBOL-BATTLE & ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY CONSTRUCTION BASED ON PLANS THAT HAVE NOT BEEN RELEASED FOR CONSTRUCTION.

J:\RBA FILE BLOCKS\RBA 2000 FILE BLOCKS\2017.274 - BRIDLEWOOD 1ST ADDITION\CIVIL\

HORIZONTAL SCALE

120 0 60 120 240 480

(IN FEET)

1 INCH = 120 FT. (24"x36")

1 INCH = 240 FT. (12"x18")

GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF ALL GOVERNING AUTHORITIES.

2. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES.

3. THE LOCATION OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON INFORMATION PROVIDED BY THE UTILITIES AND SHALL BE CONSIDERED APPROXIMATE. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.

4. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, SANITARY SEWER GAS, TELEPHONE, CABLE TELEVISION, AND POWER COMPANIES 10 DAYS IN ADVANCE THAT HE INTENDS TO START WORK IN A SPECIFIED AREA. THE OWNER DISCLAIMS ANY RESPONSIBILITY FOR THE SUPPORT AND PROTECTION OF SEWERS, DRAINS, WATER PIPES, GAS PIPES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE OR RIGHT-OF-WAY.

5. SITE CLEARING SHALL INCLUDE THE LOCATION AND REMOVAL OF ALL UNDERGROUND STRUCTURES, WHICH ARE NOT IN SERVICE AS NECESSARY FOR THE INSTALLATION OF PROPOSED IMPROVEMENTS. THESE INCLUDE PIPES, VALVES, DRAINAGE STRUCTURES, ETC., AS INDICATED ON THE CONTRACT PLANS. CONTRACTOR SHALL NOTIFY THE PROJECT OWNER AND ENGINEER OF ALL DISCOVERED UNDERGROUND STRUCTURES WHICH ARE IN CONFLICT WITH THE INSTALLATION OF THE PROPOSED IMPROVEMENTS AND ARE NOT INDICATED ON THE CONTRACT PLANS OR LOCATED IN THE FIELD BY UTILITIES IN ACCORDANCE WITH GENERAL NOTES.

6. RELOCATION OF OBSTRUCTIONS OWNED BY PRIVATE PROPERTY OWNERS, SUCH AS MAIL BOXES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WHO MUST COORDINATE WITH THE PROPERTY OWNER.

7. THE CONTRACTOR SHALL PLACE AND MAINTAIN ADEQUATE BARRICADES, CONSTRUCTION SIGNS, FLASHING LIGHTS, TORCHES, RED LANTERNS AND GUARDS DURING AL PHASES OF CONSTRUCTION, IN ACCORDANCE WITH APPLICABLE FDOT INDEX.

8. ALL AREAS, NOT PAVED, DISTURBED DURING CONSTRUCTION SHALL BE CLEANED OF DEBRIS AND CONSTRUCTION MATERIAL AND RAKED SMOOTH.

9. ALL EXCESS MATERIAL SHALL BE HAULED AWAY AND DISPOSED OF APPROPRIATELY AT THE CONTRACTOR'S EXPENSE.

10. CONTRACTOR SHALL VISIT SITE TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND THE EXTENT OF CLEARING & GRUBBING REQUIRED.

11. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.

12. CONTRACTOR TO COORDINATE WITH RESPONSIBLE UTILITY FOR PROTECTION/HOLDING OF UTILITY POLES, GUY WIRES, AND GUY ANCHORS IN AREAS OF CONSTRUCTION. CONTRACTOR SHALL INCLUDE THE COST OF PROTECTING UTILITY POLES IN THEIR OVERALL PRICE TO THE OWNER.

13. DAMAGE TO EXISTING ROADS DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE COUNTY.

14. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY.

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL ESTABLISH EROSION CONTROL PRIOR TO COMMENCING ANY CONSTRUCTION OR DEMOLITION ON THE PROJECT. EROSION CONTROL BARRIER PLACEMENT AS INDICATED IS SUGGESTED ONLY AND DOES NOT RELIEVE THE CONTRACTOR FROM CONTROLLING EROSION AND SEDIMENT WITHIN THE PROJECT SITE. EROSION CONTROL MEASURES ARE TO REMAIN IN PLACE AND BE MAINTAINED DURING THE ENTIRE TIME OF CONSTRUCTION AND DEMOLITION ON THE PROJECT.

2. AN EROSION CONTROL BARRIER IS TO BE PLACED ALONG ALL BOUNDARIES OF THE PROJECT AREA AS SHOWN BEFORE CONSTRUCTION BEGINS AND REMAIN IN PLACE UNTIL CONSTRUCTION IS FINISHED AND ACCEPTED AND FINAL STABILIZATION IS COMPLETE.

3. INSPECT AND REESTABLISH EROSION CONTROL BARRIERS WEEKLY AND AFTER EVERY SIGNIFICANT STORM EVENT.

4. THE CONTRACTOR IS REQUIRED TO SUBMIT A NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (FDEP FORM 62-621.300(4)(b)) ALONG WITH THE APPROPRIATE APPLICATION FEE TO THE NPDES STORMWATER NOTICES CENTER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.

5. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.

6. SAG FILTERS IN CURB THROATS ARE NOT AN ALLOWABLE SEDIMENT CONTROL METHOD.

DEMOLITION NOTES:

1. ALL DEBRIS RESULTING FROM PROPOSED DEMOLITION WILL BE DISPOSED OF IN A LEGAL MANNER AND WILL CONFORM TO ANY AND ALL STATE AND LOCAL REGULATIONS AND/OR ORDINANCES WHICH GOVERN SUCH ACTIVITIES.

2. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES AND COORDINATE RELOCATION WITH THE APPROPRIATE UTILITY OWNER AS NECESSARY. ANY AND ALL UTILITIES ENCOUNTERED DURING DEMOLITION WILL BE PROTECTED AND/OR RELOCATED AT THE DISCRETION OF THEIR PROSPECTIVE OWNERS.

3. NO DEMOLITION DEBRIS WILL BE STOCKPILED OR GATHERED ON THE PROJECT SITE OR ADJACENT PROPERTIES, WITHOUT PRIOR AUTHORIZATION OF THE OWNER.

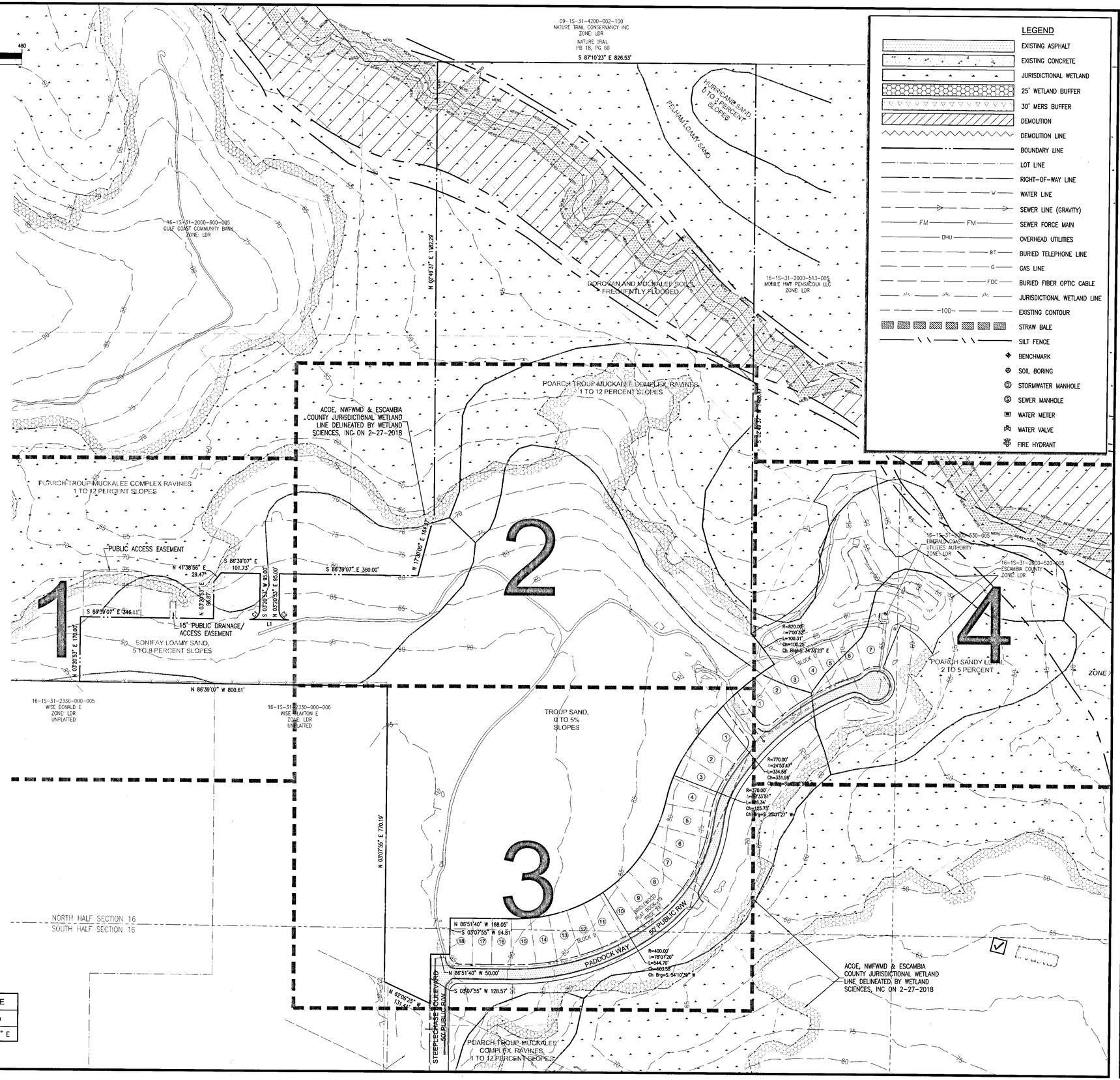
TREE NOTES:

1. PROTECTED TREES MUST BE PRESERVED UNTIL CONSTRUCTION PLAN APPROVAL. UPON CONSTRUCTION PLAN APPROVAL, PROTECTED TREES MAY BE REMOVED FROM RIGHTS-OF-WAY, STORMWATER PARCELS AND DRAINAGE EASEMENTS. ALL RESIDENTIAL LOTS MUST REMAIN UNDISTURBED, INCLUDING PLACEMENT OF FILL, UNTIL EACH INDIVIDUAL BUILDING PERMIT IS ISSUED.

2. THERE ARE NO HERITAGE TREES WITHIN THIS PHASE.

BOUNDARY CURVE TABLE					
Curve #	Length	Radius	Central Angle	Chord	Chord Bearing
C1	39.27	25.00	90°00'00"	35.36	S 48°20'53" W
C2	39.27	25.00	90°00'00"	35.36	N 41°39'07" W

BOUNDARY LINE TABLE		
Line #	Length	Direction
L1	100.00	S 86°39'07" E



LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- JURISDICTIONAL WETLAND
- 25' WETLAND BUFFER
- 30' MERS BUFFER
- DEMOLITION
- DEMOLITION LINE
- BOUNDARY LINE
- LOT LINE
- RIGHT-OF-WAY LINE
- W — WATER LINE
- SEWER LINE (GRAVITY)
- FM — FM — SEWER FORCE MAIN
- OHU — OVERHEAD UTILITIES
- BT — BURIED TELEPHONE LINE
- G — GAS LINE
- FOC — BURIED FIBER OPTIC CABLE
- JURISDICTIONAL WETLAND LINE
- 100 — EXISTING CONTOUR
- STRAW BALE
- SILT FENCE
- BENCHMARK
- SOIL BORING
- STORMWATER MANHOLE
- SEWER MANHOLE
- WATER METER
- WATER VALVE
- FIRE HYDRANT

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.9401 Fax 850.438.0448
EB 0026957

OVERALL EXISTING SITE PLAN

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL

NOT FOR CONSTRUCTION

FLORIDA LICENSED PROFESSIONAL ENGINEER No 76144 STATE OF FLORIDA

01/24/19

Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C1.0
SHEET 1 OF 65

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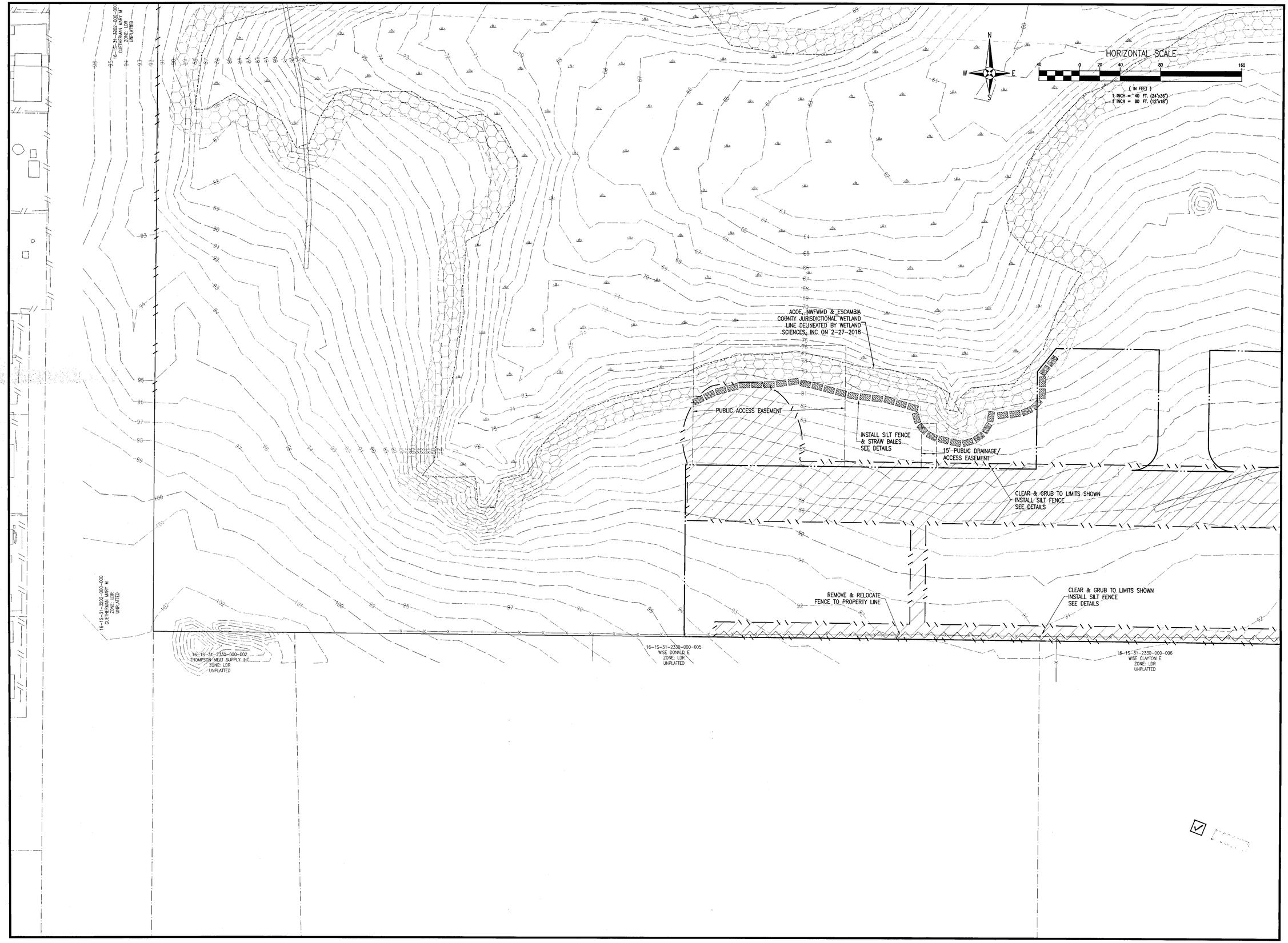

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.435.0400 Fax 850.436.0448
EB 0026957

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

JEREMY RYAN KING
LICENSE
No. 76144
STATE OF FLORIDA
REGISTERED ENGINEER

Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C1.1
SHEET 2 OF 65

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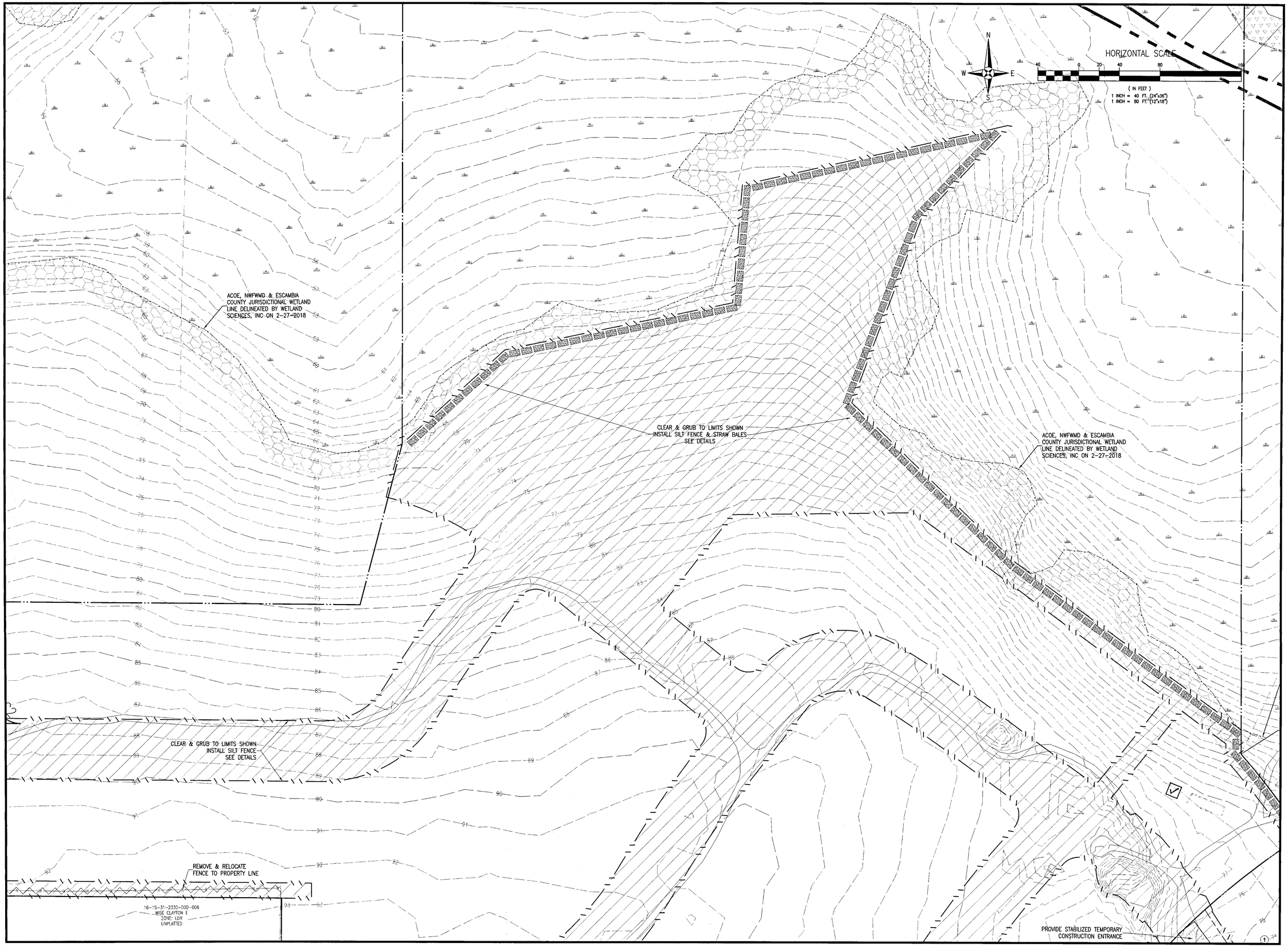

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.436.0448
EB 0026957

EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 76144
STATE OF FLORIDA
1/29/19
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C1.2
SHEET 3 OF 65

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REMOVE & RELOCATE
FENCE TO PROPERTY LINE

16-1S-31-2330-000-006
WISE CLAYTON E
ZONE: LDR
UNPLATTED

CLEAR & GRUB TO LIMITS SHOWN
INSTALL SILT FENCE
SEE DETAILS

N
W E
S

HORIZONTAL SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

CLEAR & GRUB TO LIMITS SHOWN
INSTALL SILT FENCE
SEE DETAILS

CLEAR & GRUB TO LIMITS SHOWN
INSTALL SILT FENCE
SEE DETAILS

PROVIDE STABILIZED TEMPORARY
CONSTRUCTION ENTRANCE

REMOVE SIGNS

SAWCUT & REMOVE
CONCRETE CURB & GUTTER
AS NECESSARY FOR
ROADWAY CONNECTION

INSTALL STRAW BALES
SEE DETAILS

CURB INLET
TOP=71.10'
INVERT (NE)=64.20'
INVERT (SW)=65.57'

TOP=70.66'
INVERT (NE)=60.73'
INVERT (NW)=60.93'
INVERT (SW)=60.78'

TOP=72.22'
INVERT (NE)=65.56'
INVERT (S)=65.46'

CURB INLET
TOP=74.24'
INVERT (NE)=68.31'
INVERT (S)=68.31'

TOP=74.75'
INVERT (N)=67.06'
INVERT (S)=67.06'

CURB INLET
TOP=76.45'
INVERT=71.19'

TOP=78.74'
INVERT (NE)=73.89'
INVERT (SW)=73.89'

TOP=84.43'
INVERT (NE)=77.94'
INVERT (W)=77.94'

TOP=95.46'
INVERT (E)=84.18'
INVERT (S)=84.18'

PROVIDE STABILIZED TEMPORARY
CONSTRUCTION ENTRANCE

REMOVE SIGNS

CURB INLET

STEEPLECHASE BOULEVARD
50' PUBLIC R/W

PADDOCK WAY
50' PUBLIC R/W

BLOCK 6

ACOE, NWFWMD & ESCAMBIA
COUNTY JURISDICTIONAL WETLAND
LINE DELINEATED BY WETLAND
SCIENCES, INC ON 2-27-2018

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0446 Fax 850.438.0448
EB 0000657

EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C1.3
SHEET 4 OF 65

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2301 N. Ninth Avenue, Suite 300
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EB 0000957

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RAY KING
LICENSE
No. 76144
STATE OF
FLORIDA
REGISTERED ENGINEER
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C1.4
SHEET 5 OF 65

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GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.

2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.

3. PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.

4. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, SECTIONS 104, 570, 981, 982, 983, 985, & 987.

*5. A BITUMINOUS CONCRETE BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE BITUMINOUS CONCRETE BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.

*6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL, ACCORDING TO STATE STANDARDS.

*7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).

*8. A CRUSHED LIMEROCK, VEHICLE WHEEL-CLEANING BLANKET SHALL BE INSTALLED AT THE CONTRACTOR'S STAGING YARD AND/OR STOCKPILE AREAS TO PREVENT OFF-SITE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES ONTO PUBLIC ROADS. BLANKET SHALL BE 15FT. X 50FT. X 6IN. (MINIMUM), CRUSHED LIMEROCK 2 1/2 INCHES IN DIAMETER. SAID BLANKET SHALL BE UNDERLAIN WITH A FDOT CLASS 3 SYNTHETIC FILTER FABRIC AND MAINTAINED IN GOOD ORDER.

9. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.

*10. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.

11. UNFILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.

12. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET. TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.

13. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.

15. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE NUMBER 2 (ABOVE).

16. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.

17. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.

18. ALL CATCH BASIN INLETS SHALL BE PROTECTED WITH HAY BALES AS SHOWN ON DETAIL.

19. THE CONTRACTOR SHALL PREPARE A PLAN FOR THE PROPER DEWATERING AND DOWNSTREAM SILTATION PROTECTION OF EACH STREAM CROSSING PRIOR TO EXCAVATING THE STREAM BED. PLAN SHALL BE FORWARDED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTION PRIOR TO EACH STREAM CROSSING CONSTRUCTION.

20. ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.), SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.

* WHERE APPLICABLE

TEMPORARY SEEDING DETAILS:

SEED BED PREPARATION:

SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 260 LBS/ACRE OF 16-16-16 OR EQUIVALENT, APPLY DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS./ACRE TO PROVIDE A SOIL pH OF 5.5 TO 6.5, LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4". ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE REQUIRED.

SEED MIXTURE

CONSISTING OF ANNUAL RYE (LOLIUM MULTIFLORUM) AT A RATE OF 174 LBS/ACRE.

PERMANENT SEEDING DETAILS:

SEED BED PREPARATION:

SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 260 LBS/ACRE OF 16-16-16 OR EQUIVALENT, APPLY DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS./ACRE TO PROVIDE A SOIL pH OF 5.5 TO 6.5, LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4". ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE REQUIRED.

SEED MIXTURE CONSISTING OF	RATE	PURITY	GERMINATION
ARGENTINE BAHIA	260 LBS/AC.	95%	80%
PENSACOLA BAHIA	260 LBS/AC.	95%	40%(MIN.)-80%(TOTAL)

SODDING:

SOD SHALL BE WELL ROOT MATTED CENTIPEDE OR BAHIA GRASS COMMERCIALLY CUT TO A MINIMUM DIMENSION OF 12" x 24" A MAXIMUM OF 72 HOURS PRIOR TO PLACEMENT. SOD SHALL BE LIVE, FRESH AND UNINJURED, REASONABLY FREE OF WEEDS AND OTHER GRASSES, WITH A HEAVY SOIL MAT ADHERING TO THE ROOT SYSTEM. SOD SHALL BE GROWN, CUT, AND SUPPLIED BY A STATE CERTIFIED GROWER.

TRAFFIC CONTROL STANDARDS:

1. CONSTRUCTION TRAFFIC SHALL BE RESTRICTED TO ONSITE ACCESS BY MEANS SO DESIGNATED BY THE ENGINEER, POLICE/SHERIFF DEPARTMENT, ESCAMBIA COUNTY HIGHWAY DEPARTMENT, AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION.
2. TRAFFIC DURING WET WEATHER SHALL BE MINIMIZED AND APPROPRIATE ROADWAY AND SITE CLEAN-UP SHALL BE PROVIDED BY THE CONTRACTOR AS SOON AS WEATHER CONDITIONS PERMIT.

TREE PROTECTION:

1. DAMAGED TRUNKS OR EXPOSED ROOTS WILL BE PAINTED IMMEDIATELY WITH A GOOD GRADE OF "TREE PAINT".

2. TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH TO TRUNK OR MAIN BRANCH AND THAT AREA PAINTED IMMEDIATELY WITH A GOOD GRADE OF TREE PAINT.

DUST CONTROL:

1. ALL AREAS OF CLEARING AND EMBANKMENT AS WELL AS CONSTRUCTION HAUL ROADS SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.

2. DISTURBED AREAS SHALL BE MAINTAINED IN A ROUGH GRADED CONDITION AND TEMPORARILY SEEDED AND/OR MULCHED UNTIL PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF PERMANENT VEGETATION COVER.

3. IN EVENT OF EMERGENCY CONDITIONS, TILLAGE WILL BE SATISFACTORY FREE BEFORE SOIL BLOWING STARTS.

4. CALCIUM CHLORIDE MAY BE APPLIED TO UNPAVED ROADWAY AREAS, ONLY, SUBJECT TO THE ENGINEER'S APPROVAL AND CONFORMANCE WITH FDOT STANDARD SPECIFICATIONS, SECTION 104, LATEST EDITION.

PROPOSED SEQUENCE OF CONSTRUCTION:

1. THE INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCES.

2. CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION IS TO BE PROPERLY PROTECTED AND IS TO REMAIN IN ITS NATURAL STATE. TOPSOIL IN AREAS TO BE DISTURBED IS TO BE STRIPPED TO A MINIMUM DEPTH OF SIX (6) INCHES AND STOCKPILED SEPARATELY FROM FROM OTHER EXCAVATED SOIL(S)

3. THE IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.

4. PERFORM ALL DEMOLITION WORK.

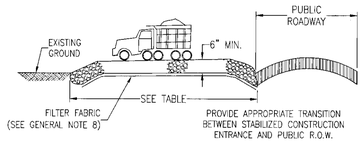
5. CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEMS.

6. CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS AND LANDSCAPING).

7. COMPLETE STORMWATER PONDS.

8. UPON THE COMPLETION OF THE CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, RESPREAD STOCKPILED TOPSOIL AND STABILIZE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING.

9. THE REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.



STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.

NOTE:
ALL PROTECTED TREES AS SHOWN ON THE PLANS TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL ORANGE CONSTRUCTION FENCING AT THE DRIP LINE OF EACH PROTECTED TREE BEFORE WORKING IN THE VICINITY OF THE TREE.

TREE BARRICADE DETAIL

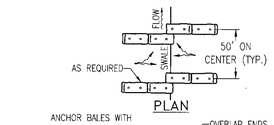
N.T.S.

DESCRIPTION:
FILTER BAGS WILL BE USED AS AN EFFECTIVE FILTER MEDIUM TO CONTAIN SAND, SILT AND FINES WHEN TRENCH DEWATERING. THE WETLAND FILTER BAG CONTAINS THESE MATERIALS WHILE ALLOWING THE WATER TO FLOW THROUGH THE FABRIC.

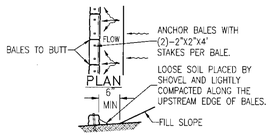
INSTALLATION:
WETLAND FILTER BAGS MAY REPLACE HAY BALE CORRALS DURING TRENCH DEWATERING, AT THE DISCRETION OF THE ENGINEER INSPECTOR. TO INSURE PROPER INSTALLATION, FILTER BAGS WILL BE PLACED ON RELATIVELY FLAT TERRAIN FREE OF BRUSH AND STUMPS TO AVOID RUPTURES AND PUNCTURES. PROPER INSTALLATION REQUIRES CUTTING A SMALL HOLE IN THE CORNER OF THE BAG, INSERTING THE PUMP DISCHARGE HOSE, AND THEN SECURING THE DISCHARGE HOSE TO THE BAG WITH A HOSE CLAMP. FILTER BAGS WILL BE PLACED AS FAR AWAY FROM FLOWING STREAMS AND WETLANDS AS POSSIBLE.

MAINTENANCE:
PRIOR TO REMOVING A BAG FROM THE HOSE, THE BAG WILL BE TIED OFF BELOW THE END OF THE HOSE ALLOWING THE BAG TO DRAIN. DRAINAGE WILL NOT BE ALLOWED THROUGH THE INLET HOLE. TO AVOID RUPTURE, THE BAGS WILL BE ATTENDED AND PUMPING RATES MONITORED. ONCE THE BAG IS INFLATED TO A HEIGHT OF 4 FEET, PUMPING WILL STOP TO AVOID RUPTURE. FILTER BAGS USED DURING CONSTRUCTION WILL BE BUNDLED AND REMOVED FOR PROPER DISPOSAL.

SPECIFICATION:
FILTER BAGS ARE CONSTRUCTED OF NON-WOVEN GEOTEXTILE FABRIC. A MAXIMUM OF ONE SIX INCH DISCHARGE HOSE WILL BE ALLOWED PER FILTER BAG. BAG CAPACITY WILL BE EXCEEDED BEYOND 2,000 GALLONS PER MINUTE. TYPICAL BAG DIMENSIONS ARE 15 FEET BY 13.25 FEET. TO HELP PREVENT PUNCTURES, GEOTEXTILE FABRIC WILL BE PLACED BENEATH THE FILTER BAG WHEN USED IN WOODED LOCATIONS. UNATTENDED FILTER BAGS WILL BE ENCIRCLED WITH A HAY BALE OR SILT FENCE CORRAL. HOSE CLAMPS WILL BE USED TO SECURE THE DISCHARGE HOSE, WIRE OR STRING WILL NOT BE USED.



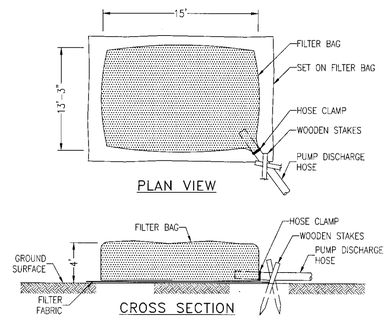
TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE



TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

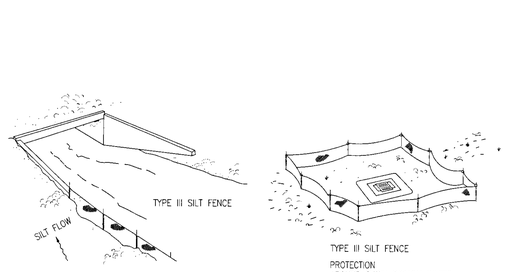
BARRIERS FOR FILL SLOPES

N.T.S.



FILTER BAG DETAIL FOR TRENCH DEWATERING OPERATIONS

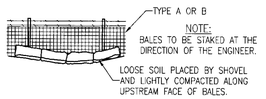
N.T.S.



SILT FENCE APPLICATIONS

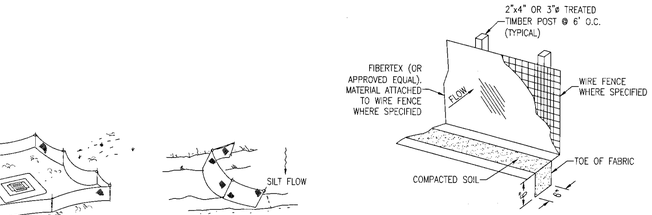
N.T.S.

DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.



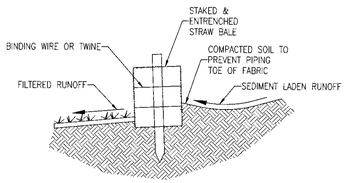
STRAW BALES BACKED BY FENCE

N.T.S.



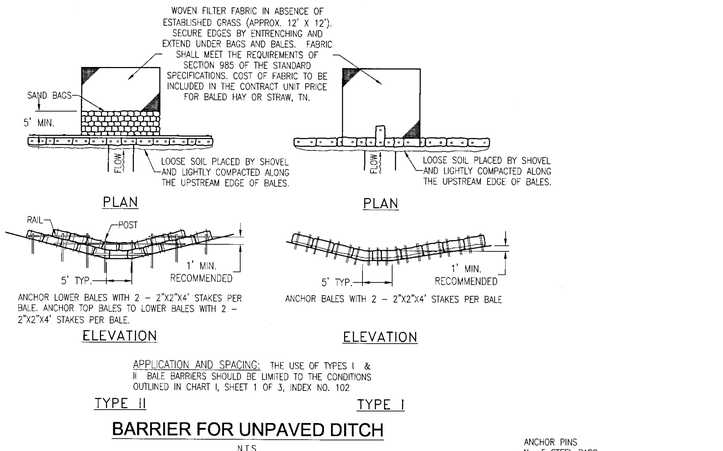
SILT FENCE DETAIL

N.T.S.



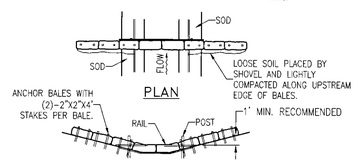
STRAW BALE DETAIL

N.T.S.



BARRIER FOR UNPAVED DITCH

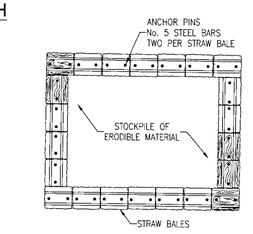
N.T.S.



SPACING:
BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, INDEX NO. 102

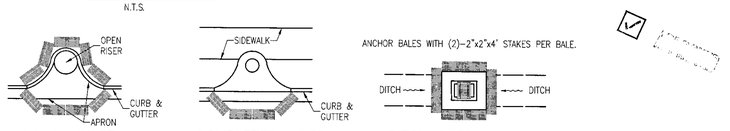
BARRIER FOR PAVED DITCH

N.T.S.



MATERIAL STOCKPILE DETAIL

N.T.S.



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

N.T.S.

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Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0006967

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

EROSION CONTROL DETAILS

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA LICENSED PROFESSIONAL ENGINEER No. 78144
Jeremy R. King, P.E. No. 78144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C1.5
SHEET 6 OF 65

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STORM WATER POLLUTION PREVENTION PLAN

1.0 BACKGROUND & REQUIREMENTS:

1.1 INTRODUCTION:

THE REFERENCED SUPPORT DOCUMENTATION FOR THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY'S (EPA) STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES, DEVELOPING POLLUTION PREVENTION PLANS AND BEST MANAGEMENT PRACTICES SUMMARY GUIDANCE (EPA 833-R-92-001) AND STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES, DEVELOPING POLLUTION PREVENTION PLANS AND BEST MANAGEMENT PRACTICES (EPA 832-R-92-005). THIS SWPPP IS DESIGNED TO PROTECT ONSITE AND ADJACENT NATURAL RESOURCES, INCLUDING BUT NOT LIMITED TO, WETLANDS, MARSHES, BAYOUS AND BAYS, WHILE PRESERVING WILDLIFE AND ARCHEOLOGICAL RESOURCES.

AN ENVIRONMENTAL RESOURCE PERMIT APPLICATION WILL BE SUBMITTED TO THE NWFWMD ONOVEMBER 2018

1.2 NOTICE OF INTENT (NOI):

RULE 62-621.300(4), FAC REQUIRES THE CONSTRUCTION OPERATOR OF A SITE THAT DISTURBS ONE OR MORE ACRES TO OBTAIN COVERAGE FROM THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS REQUIRED TO SUBMIT A NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (FDEP FORM 62-621.300(4)(B)) ALONG WITH THE APPROPRIATE APPLICATION FEE TO THE FOLLOWING ADDRESS 48 HOURS PRIOR TO COMMENCING CONSTRUCTION:

NPDES STORMWATER NOTICES CENTER, MS # 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

THIS FORM CAN BE OBTAINED FROM FDEP'S WEBSITE (WWW.DEP.STATE.FL.US) OR BY CONTACTING FDEP. PLEASE NOTE THAT THE CURRENT APPLICATION FEE IS $300; HOWEVER, THIS FEE IS SUBJECT TO CHANGE WITHOUT NOTICE. ALWAYS REFER TO THE MOST CURRENT VERSION OF RULE 62-4.050(4)(D), FAC TO CONFIRM THE AMOUNT BEFORE SUBMITTING PAYMENT. IF CONSTRUCTION ACTIVITY EXCEEDS FIVE YEARS, THE CONTRACTOR MUST RE-APPLY FOR COVERAGE.

1.3 STORMWATER POLLUTION PREVENTION PLAN (SWPPP):

THE CONTRACTOR IS REQUIRED TO CERTIFY THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BELOW PRIOR TO SUBMITTING THE NOI. THIS SWPPP IS NOT REQUIRED TO BE SUBMITTED WITH THE NOI, BUT IS REQUIRED TO BE KEPT ON SITE DURING ALL PHASES OF CONSTRUCTION. BECAUSE EROSION AND SEDIMENT CONTROLS AND CONSTRUCTION METHODS VARY SIGNIFICANTLY FROM CONTRACTOR TO CONTRACTOR, THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHODS TO THIS SWPPP THAT ARE EQUAL OR BETTER AT CONTROLLING EROSION AND SEDIMENTATION. AT A MINIMUM, THE CONTRACTOR MUST FOLLOW THE EROSION CONTROL PLAN SPECIFIED IN THE CONSTRUCTION PLANS AND DOCUMENTS. ANY MODIFICATIONS TO THIS SWPPP MUST BE DOCUMENTED AND KEPT WITH THE PLAN AS PART OF THE RECORDS KEEPING PROCESS TO BE IN FULL COMPLIANCE WITH THE CGP.

1.4 CONTRACTOR'S / SUBCONTRACTOR CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STROMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

PRINT & SIGN NAME _____ COMPANY & ADDRESS _____

_____ _____

_____ _____

_____

NAME & TITLE (PRINT)

SIGNATURE _____ DATE _____

1.5 RESPONSIBLE AUTHORITY CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

PRINT & SIGN NAME _____ COMPANY & ADDRESS _____

_____ _____

NAME & TITLE (PRINT) _____

_____

SIGNATURE _____ DATE _____

1.6 NOTICE OF TERMINATION (NOT):

THE CONTRACTOR IS REQUIRED TO SUBMIT A NOTICE OF TERMINATION OF GENERIC PERMIT COVERAGE (FDEP FORM 62-621.300(6)) UPON CONSTRUCTION COMPLETION TO DISCONTINUE PERMIT COVERAGE. THE NOT IS TO BE SUBMITTED TO THE FOLLOWING ADDRESS:

NPDES STORMWATER NOTICES CENTER, MS # 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

THIS FORM CAN BE OBTAINED FROM FDEP'S WEBSITE (WWW.DEP.STATE.FL.US) OR BY CONTACTING FDEP. THE NOT CAN NOT BE SUBMITTED UNTIL ALL DISTURBED SOILS AT THE CONSTRUCTION SITE HAVE BEEN FINALLY STABILIZED AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME. FINAL STABILIZATION MEANS THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70 PERCENT OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN ESTABLISHED, OR EQUIVALENT STABILIZATION MEASURES HAVE BEEN EMPLOYED. IF CONSTRUCTION ACTIVITY EXCEEDS FIVE YEARS, THE CONTRACTOR MUST RE-APPLY FOR COVERAGE.

1.7 APPLICATION INFORMATION:

PROJECT ADDRESS:	STEEPLECHASE BLVD PENSACOLA, FL 32526
LATITUDE: LONGITUDE:	N 30.516073° W 87.358819°
WATER MANAGEMENT DISTRICT:	NORTHWEST FLORIDA (NWFWMD)
MS4 OPERATOR NAME:	ESCAMBIA COUNTY
RECEIVING WATER NAME:	ELEVEN MILE CREEK

2.0 SITE DESCRIPTION:

2.1 NATURE OF CONSTRUCTION ACTIVITIES:

THIS PROJECT INVOLVES THE CONSTRUCTION OF A PHASED RESIDENTIAL AND COMMERCIAL SUBDIVISION. CONSTRUCTION INCLUDES ROADS, UTILITIES AND STORMWATER COLLECTION SYSTEMS.

2.2 SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE FOLLOWING SEQUENCE OF MAJOR ACTIVITIES SHALL BE FOLLOWED UNLESS THE CONTRACTOR CAN PROPOSE AN ALTERNATIVE THAT IS EQUAL TO OR BETTER AT CONTROLLING EROSION AND SEDIMENTATION. THE DETAILED SEQUENCE FOR THE ENTIRE PROJECT CAN VARY SIGNIFICANTLY FROM CONTRACTOR TO CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING ANY CHANGES.

1. CLEAR, GRUB AND PERFORM ALL DEMOLITION WORK.
2. COMPLETE ROUGH GRADING OF THE POND AND DIRECT ALL STORMWATER RUNOFF TO THE POND(S).
3. CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEM.
4. CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS, AND LANDSCAPING).
5. COMPLETE STORMWATER PONDS.

2.3 AREA ESTIMATES:

ONSITE AREA:	26.01 ACRES
OFFSITE AREA:	0 ACRES
TOTAL AREA:	26.01 ACRES
AREA TO BE DISTURBED:	23.00 ACRES

2.4 RUNOFF DATA:

RUNOFF COEFFICIENTS (C):

BEFORE:	TOTAL COMPOSITE C =	0.25
DURING:	VARIES BETWEEN =	0.20 AND 0.67
AFTER:	VARIES BETWEEN =	0.67

SOILS DATA:
THE SOILS LOCATED AT THE SITE ARE PREDOMINATELY VERY LOOSE TO LOOSE SLIGHTLY SILTY SANDS. GROUNDWATER WAS NOT ENCOUNTERED IN THE 15 FT TO 20 FT DEEP TEST BORING. FOR MORE DETAILED SOILS INFORMATION, REFER TO THE GEOTECHNICAL SERVICES REPORT PREPARED BY UNIVERSAL ENGINEERING SERVICES.

DRAINAGE AREAS FOR EACH OUTFALL:

OUTFALL LOCATION	TOTAL AREA FLOWING TO POND(S)	'C' COEFFICIENT
NORTH BOUNDARY	26.01	0.67

2.5 SITE MAP:

THE CONSTRUCTION PLANS ARE TO BE USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR ALL THE ITEMS DISCUSSED BELOW ARE IDENTIFIED ON THE KEY SHEET OF THE CONSTRUCTION PLANS.

- DRAINAGE PATTERNS: ALL DRAINAGE PATTERNS ARE SHOWN ON THE GRADING & DRAINAGE PLANS.
- APPROXIMATE SLOPES: APPROXIMATE SLOPES ARE SHOWN ON THE GRADING & DRAINAGE POND SIDE SLOPES ARE SHOWN ON THE POND CROSS-SECTIONS.
- AREAS OF SOIL DISTURBANCE: ALL DEMOLITION IS SHOWN ON THE EXISTING SITE CONDITIONS AND DEMOLITION AND EROSION CONTROL PLAN SHEET. ALL PROPOSED CONSTRUCTION IS SHOWN ON THE REMAINING PLANS. ANY AREAS WHERE DEMOLITION WORK OR PERMANENT FEATURES ARE SHOWN ABOVE OR BELOW GROUND WILL BE DISTURBED.
- AREAS NOT TO BE DISTURBED: ANY AREAS NOT SHOWING DEMOLITION WORK OR PERMANENT FEATURES ARE ASSUMED NOT TO BE DISTURBED. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INDICATE ON THE PLANS ANY OF THESE AREAS THAT DO GET DISTURBED AS WELL AS ANY AREAS USED FOR STAGING AND MATERIALS STORAGE.
- LOCATIONS OF CONTROLS: ALL PROPOSED TEMPORARY CONTROLS AND EXISTING PERMANENT CONTROLS ARE SHOWN ON THE EXISTING SITE, DEMOLITION AND EROSION CONTROL PLAN. ALL PROPOSED PERMANENT CONTROLS ARE SHOWN ON THE REMAINING PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INDICATE THE LOCATION OF ANY OTHER CONTROLS ON THE PLANS THAT ARE USED DURING CONSTRUCTION.
- PERMANENT STABILIZATION IS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INDICATE THE LOCATION ON THE PLANS OF ALL TEMPORARY STABILIZATION PRACTICES USED DURING CONSTRUCTION.
- SURFACE WATERS: N/A
- DISCHARGE POINTS: ONSITE WETLANDS WITH ULTIMATE DISCHARGE TO ELEVEN MILE CREEK

2.6 RECEIVING WATERS:

EVENTUAL OUTFALL TO PERDIDO BAY

3.0 CONTROLS:

3.1 EROSION AND SEDIMENT CONTROLS:

ALL EROSION AND SEDIMENT CONTROLS SPECIFIED ON THE DEMOLITION AND EROSION CONTROL PLAN SHEETS, AND THE EROSION CONTROL DETAILS SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION OR DEMOLITION. SILT FENCING AND STAKED HAY BALES SHALL BE INSTALLED ALONG DOWN-GRADIENT LIMITS.

TEMPORARY SEEDING AND MULCHING SHALL BE APPLIED AFTER 14-DAY INTERVALS OF CEASED DISTURBANCE ACTIVITIES THAT WILL EXCEED 20-DAY PERIODS. GRADED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING, MULCHING, AND FERTILIZING, OR SODDING WITHIN FIVE DAYS OF FINAL GRADING. LANDSCAPING, INCLUDING SODDING, SHALL BE INSTALLED BY AN EXPERIENCED LANDSCAPE CONTRACTOR. PROPOSED DISTURBED AREAS WILL NOT EXCEED 8 ACRES IN ANY DRAINAGE AREA.

3.2 STORMWATER MANAGEMENT:

PROPOSED STORMWATER MANAGEMENT FACILITIES FOR THIS SITE INCLUDE: A DRY RETENTION POND FOR THE ENTIRE PROPERTY.

THE PROPOSED STORMWATER MANAGEMENT FACILITIES MEET ALL STORMWATER TREATMENT REQUIREMENTS AND ALL RATE CONTROL REQUIREMENTS SET FORTH BY THE LOCAL AND STATE REGULATORY AGENCIES.

3.3 OTHER CONTROLS:

WASTE DISPOSAL: THE CONTRACTOR IS RESPONSIBLE FOR ALL WASTE DISPOSAL FROM THE SITE. THE CONTRACTOR SHALL EMPLOY WASTE DISPOSAL PRACTICES THAT MEET ALL LOCAL, STATE, AND FEDERAL GUIDELINES AND PREVENT DISCHARGE OF SOLID MATERIALS TO WATERS OF THE UNITED STATES. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP.

OFFSITE VEHICLE TRACKING: IF OFF SITE TRACKING OF SEDIMENTS BY CONSTRUCTION VEHICLES OCCURS, THE CONTRACTOR IS REQUIRED TO INSTALL A SOIL TRACKING PREVENTION DEVICE (STPD) AS PER FDOT STANDARD INDEX 106 AT ALL EXITS TO THE SITE WHERE SEDIMENT TRACKING IS OCCURRING. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP.

HAZARDOUS MATERIALS: ALL POLLUTANTS AND HAZARDOUS MATERIALS INCLUDING BUT NOT LIMITED TO FERTILIZERS, HERBICIDES, PESTICIDES, SOLVENTS, OILS AND OIL FILTERS, PETROLEUM PRODUCTS, PAINT, AND EQUIPMENT MAINTENANCE FLUIDS, SHALL BE STORED INDOORS OR UNDER COVER IN AREAS WITH SECONDARY CONTAINMENT. SECONDARY CONTAINMENT PREVENTS A SPILL FROM SPREADING ACROSS THE SITE AND INCLUDES DIKES, BERMS, CURBING, OR OTHER CONTAINMENT METHODS. HAZARDOUS MATERIAL STORAGE AREAS SHALL BE INSPECTED WEEKLY AND AFTER STORM EVENTS. STORAGE AREAS SHALL BE KEPT CLEAN, WELL ORGANIZED, AND EQUIPPED WITH AMPLE CLEANUP SUPPLIES/SPILL KITS AS APPROPRIATE FOR THE MATERIALS BEING STORED. MATERIAL SAFETY DATA SHEETS, MATERIAL INVENTORY, AND EMERGENCY CONTACT INFORMATION SHALL BE MAINTAINED ON-SITE. ALL PERSONNEL SHALL RECEIVE INSTRUCTION REGARDING PROPER PROCEDURES FOR HAZARDOUS MATERIAL HANDLING AND DISPOSAL. HAZARDOUS MATERIALS SHALL NOT BE DISPOSED OF INTO ON-SITE DUMPSTERS; HAZARDOUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND MUNICIPAL REGULATIONS. VEHICLES AND EQUIPMENT WILL BE MAINTAINED OFF-SITE. ALL VEHICLES AND EQUIPMENT INCLUDING SUBCONTRACTOR VEHICLES WILL BE CHECKED FOR LEAKING OIL AND FLUIDS. VEHICLES LEAKING FLUIDS WILL NOT BE ALLOWED ON-SITE. DRIP PANS SHALL BE PLACED UNDER ALL VEHICLES AND EQUIPMENT THAT ARE PARKED OVERNIGHT.

APPLICATION OF FERTILIZERS, HERBICIDES, AND PESTICIDES: FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE DELIVERED TO THE SITE IN ORIGINAL, UNOPENED CONTAINERS BEARING MANUFACTURER'S CHEMICAL ANALYSIS, NAME, TRADE NAME, TRADEMARK, AND INDICATION OF CONFORMANCE TO STATE AND FEDERAL LAWS. FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SUGGESTED RATE.

5.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS, BUT NOT LIMITED TO, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.25 INCHES OR GREATER. WHERE SITES HAVE BEEN FINALLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.

- POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS.
- DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- STRUCTURAL CONTROLS.
- STORMWATER MANAGEMENT SYSTEMS.
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

6.0 NON-STORMWATER DISCHARGES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ANY HAZARDOUS SUBSTANCE SPILLS THAT MAY EQUAL OR EXCEED A REPORTABLE QUANTITY (RQ). REFER TO EPA'S LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES (EPA 40 CFR 302.4 & 117). V THIS LIST CAN BE OBTAINED FROM EPA'S WEBSITE (WWW.EPA.GO) OR BY CONTACTING EPA. IF AN RQ RELEASE DOES OCCUR THE CONTRACTOR SHALL PERFORM THE FOLLOWING PROCEDURES:

- NOTIFY THE NATIONAL RESPONSE CENTER IMMEDIATELY AT 800-424-8802.
- PROVIDE WRITTEN DESCRIPTION OF THE RELEASE WITHIN 14 DAYS PROVIDING DATES, CAUSE AND PREVENTION METHODS TO THE REGIONAL EPA OFFICE.
- MODIFY THE SWPPP AS NECESSARY TO ADDRESS ADDED PREVENTION METHODS.

7.0 IMPLEMENTATION CHECKLIST:

7.1 RECORDS:

THE CONTRACTOR SHALL MAINTAIN RECORDS OF CONSTRUCTION ACTIVITIES INCLUDING, BUT NOT LIMITED TO:

- DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.
- DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY CEASE ON A PORTION OF THE SITE.
- DATES WHEN CONSTRUCTION ACTIVITIES PERMANENTLY CEASE ON A PORTION OF THE SITE.
- DATES WHEN STABILIZATION MEASURES ARE INITIATED ON THE SITE.

7.2 INSPECTION REPORTS:

THE CONTRACTOR SHALL PREPARE INSPECTION REPORTS SUMMARIZING THE FOLLOWING, BUT NOT LIMITED TO:

- NAME OF INSPECTOR.
- QUALIFICATIONS OF INSPECTOR.
- MEASURES/AREAS INSPECTED.
- OBSERVED CONDITIONS.
- CHANGES NECESSARY TO THE SWPPP.

7.3 RELEASES OF REPORTABLE QUANTITIES OF OIL OR HAZARDOUS MATERIALS:

THE CONTRACTOR SHALL REPORT ANY RELEASES OF REPORTABLE QUANTITIES OF OIL OR HAZARDOUS MATERIALS IF THEY OCCUR AS PER THE MEASURES OUTLINED IN SECTION 6.0 OF THE SWPPP.

7.4 SWPPP MODIFICATION:

THE CONTRACTOR SHALL MODIFY THE SWPPP AS NECESSARY TO:

- COMPLY WITH MINIMUM PERMIT REQUIREMENTS WHEN NOTIFIED BY FDEP THAT THE PLAN DOES NOT COMPLY.
- ADDRESS ANY CHANGES IN DESIGN, CONSTRUCTION OPERATIONS OR MAINTENANCE, WHICH HAS AN EFFECT ON THE POTENTIAL FOR DISCHARGE OF POLLUTANTS.
- PREVENT REOCCURRENCE OF REPORTABLE QUANTITY RELEASES OF HAZARDOUS MATERIAL OR OIL.

8.0 TERMINATION CHECKLIST:

THE FOLLOWING ITEMS SHALL BE COMPLETE BEFORE SUBMITTING THE NOT:

- ALL SOIL DISTURBING ACTIVITIES ARE COMPLETE.
- TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME.
- ALL AREAS OF THE CONSTRUCTION SITE NOT OTHERWISE COVERED BY PERMANENT PAVEMENT OR STRUCTURE HAVE BEEN STABILIZED WITH UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OR EQUIVALENT MEASURES HAVE BEEN EMPLOYED.

Last

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0000957

NPDES - STORMWATER POLLUTION PREVENTION PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 76144
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Jeremy R. King, PE
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C1.6
SHEET 7 OF 65

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ERICA CT 50' R/W

N
W E
S

HORIZONTAL SCALE
120 0 60 120 240 480
(IN FEET)
1 INCH = 120 FT. (24"x36")
1 INCH = 240 FT. (12"x18")

LEGEND

- EXISTING ASPHALT
- WETLAND
- EXISTING WETLAND BUFFER
- 30' MERS BUFFER
- EXISTING BUFFER TO BE REMOVED
- PROPOSED WETLAND BUFFER
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- RIPRAP

09-1S-31-4200-002-100
NATURE TRAIL CONSERVANCY INC
ZONE: LDR
NATURE TRAIL
PB 18, PG 60
S 87°10'23" E 826.53'

16-1S-31-2000-500-005
GULF COAST COMMUNITY BANK
ZONE: LDR

N 02°49'37" E 1,402.29'

PARCEL F
COMMON AREA
21.86 ACRES

16-1S-31-2000-513-005
MOBILE HWY PENSACOLA LLC
ZONE: LDR

ACOE, NWFWMD & ESCAMBIA COUNTY JURISDICTIONAL WETLAND LINE DELINEATED BY WETLAND SCIENCES, INC ON 2-27-2018

PARCEL E
PUBLIC DRY
STORMWATER POND
2.69 ACRES

PARCEL C
PUBLIC DRAINAGE R/W
0.17 ACRES

PARCEL D
COMMON AREA
PRIVATE
0.08 ACRES

N 17°35'05" E 174.17'

BLOCK D

ANTHEM LOOP
50' PUBLIC R/W

16-1S-31-2000-530-005
ESCAMBIA COUNTY
UTILITIES AUTHORITY
ZONE: LDR

16-1S-31-2000-520-005
ESCAMBIA COUNTY
ZONE: LDR

DEERFIELD ESTATES
PB 16 PG 36

16-1S-31-3202-000-000
GUETHERMAN MARY M
ZONE: LDR
UNPLATTED

N 41°38'56" E 29.47'

S 86°39'07" E 101.73'

S 86°39'07" E 360.00'

BLOCK B
LOT 2 LOT 1

BLOCK C
LOT 1 LOT 2 LOT 3 LOT 4 LOT 5 LOT 6

N 03°20'53" E 95.87'

S 03°20'53" W 95.00'
N 03°20'53" E 95.00'

S 86°39'07" E 346.11'

SECRETARIAT WAY
50' PUBLIC R/W

BLOCK A
LOT 36 LOT 35 LOT 34 LOT 33 LOT 32 LOT 31 LOT 30 LOT 29 LOT 28 LOT 27 LOT 26 LOT 25 LOT 24 LOT 23 LOT 22

N 03°20'53" E 1,320.00'

N 86°39'07" W 800.61'

16-1S-31-2330-000-005
WISE, DONALD E
ZONE: LDR
UNPLATTED

16-1S-31-2330-000-006
WISE, CLAYTON E
ZONE: LDR
UNPLATTED

16-1S-31-2330-000-002
THOMPSON MEAT SUPPLY INC
ZONE: LDR
UNPLATTED

SIDEWALK NOTE:

SIDEWALKS ADJACENT TO COMMON AREAS OF NOT ADJACENT TO RESIDENTIAL LOTS SHALL BE CONSTRUCTED BY THE GENERAL CONTRACTOR/DEVELOPER PRIOR TO FINAL PLAT APPROVAL. SIDEWALKS ADJACENT TO RESIDENTIAL LOTS SHALL BE CONSTRUCTED BY HOME BUILDER.

PARCEL A
AMENITIES AREA/
MAIL KIOSK
PRIVATE
0.67 ACRES

N 03°07'55" E 270.19'

BLOCK E
LOT 1 LOT 2 LOT 3 LOT 4 LOT 5 LOT 6 LOT 7

PARCEL B
15' PUBLIC DRAINAGE R/W
0.34 ACRES

N 86°51'40" W 168.05'
S 03°07'55" W 94.81'

PADDOCK WAY
50' PUBLIC R/W

R=400.00'
Δ=78°01'20"
L=544.70'
Ch=503.58'
Ch Brg=S 54°10'29" W

N 86°51'40" E 50.00'
S 03°07'55" W 128.57'

N 03°07'55" E 143.57'

ACOE, NWFWMD & ESCAMBIA COUNTY JURISDICTIONAL WETLAND LINE DELINEATED BY WETLAND SCIENCES, INC ON 2-27-2018

BLOCK F
LOT 1 LOT 2

SMARTY JONES WAY
50' PUBLIC R/W

STEEPLECHASE BLVD
50' PUBLIC R/W

R=770.00'
Δ=24°53'47"
L=334.58'
Ch=331.96'
Ch Brg=S 54°33'23" E

R=770.00'
Δ=03°33'51"
L=47.84'
Ch=47.83'
Ch Brg=S 25°21'27" W

R=820.00'
Δ=7°00'32"
L=100.31'
Ch=100.25'
Ch Brg=S 34°33'23" E

BLOCK G
LOT 1

1 2 3 4

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0000957

OVERALL SITE LAYOUT

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING
No. 76144
STATE OF FLORIDA
1/24/19
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C2.0
SHEET 8 OF 65

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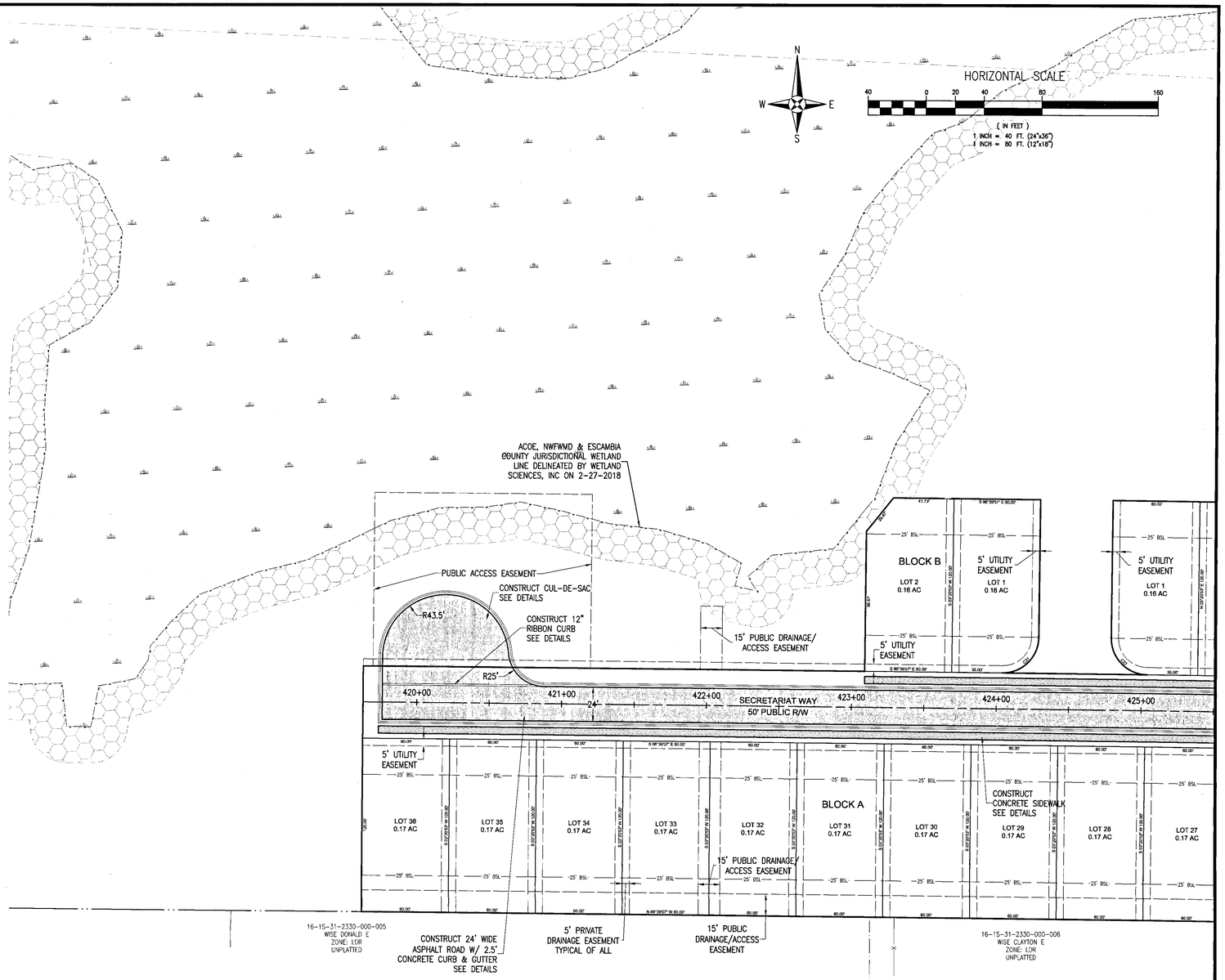
PARCEL CURVE TABLE					
Curve #	Length	Radius	Central Angle	Chord	Chord Bearing
C1	39.27	25.00	90°00'00"	35.36	S 48°20'53" W
C1	11.78	300.00	2°14'59"	11.78	S 04°15'24" W
C2	39.27	25.00	90°00'00"	35.36	N 41°39'07" W
C2	60.00	300.00	11°27'33"	59.90	S 11°06'40" W
C3	60.00	300.00	11°27'33"	59.90	S 22°34'13" W
C4	60.11	300.00	11°28'50"	60.01	S 34°02'25" W
C5	59.89	300.00	11°26'16"	59.79	S 45°29'58" W
C6	36.78	300.00	7°01'25"	36.75	S 54°43'48" W
C7	43.58	310.00	8°03'18"	43.55	S 54°12'52" W
C8	78.98	310.00	14°35'53"	78.77	S 42°53'17" W
C9	6.80	310.00	1°15'22"	6.80	S 34°57'39" W
C10	27.19	1230.00	1°15'59"	27.19	S 34°57'58" W
C11	60.00	1230.00	2°47'42"	59.99	S 36°59'48" W
C12	35.88	1230.00	1°40'17"	35.88	S 39°13'48" W
C13	38.43	25.00	88°04'28"	34.76	S 03°58'17" E
C14	40.00	25.00	91°40'20"	35.87	N 86°09'19" E
C15	34.30	1470.00	1°20'13"	34.30	N 39°39'02" E
C16	60.16	1470.00	2°20'42"	60.16	N 37°48'35" E
C17	52.95	1470.00	2°03'50"	52.95	N 35°36'18" E
C18	7.42	125.00	3°23'57"	7.41	N 36°16'22" E
C19	60.00	125.00	27°30'07"	59.43	N 51°43'24" E
C20	60.81	125.00	27°52'26"	60.21	N 79°24'40" E
C21	39.27	25.00	90°00'00"	35.36	S 48°20'53" W
C22	39.27	25.00	90°00'00"	35.36	N 41°39'07" W
C23	37.67	75.00	28°46'43"	37.28	S 78°57'31" W
C24	39.26	75.00	29°59'46"	38.82	S 49°34'16" W
C25	55.98	1520.00	2°06'36"	55.97	S 35°37'41" W
C26	96.49	1520.00	3°38'13"	96.47	S 38°30'06" W
C27	42.17	25.00	96°38'20"	37.34	S 07°59'57" E
C28	84.72	300.00	16°10'48"	84.44	S 64°24'31" E
C29	149.60	350.00	24°29'24"	148.46	N 60°15'13" W
C30	38.05	25.00	87°12'29"	34.48	S 88°23'14" W
C31	34.29	100.00	19°38'40"	34.12	S 54°36'20" W
C32	60.00	100.00	34°22'39"	59.10	S 81°37'00" W
C33	43.60	100.00	24°59'01"	43.26	N 68°42'10" W
C34	16.40	1100.00	0°51'14"	16.40	N 55°47'02" W
C35	60.00	1100.00	3°07'31"	59.99	N 53°47'40" W
C36	28.11	1100.00	1°27'51"	28.11	N 51°29'59" W
C37	50.17	500.00	5°44'58"	50.15	N 47°53'35" W
C38	60.00	500.00	6°52'32"	59.96	N 41°34'50" W
C39	60.00	500.00	6°52'32"	59.96	N 34°42'18" W
C40	121.30	770.00	9°01'33"	121.17	S 55°09'04" W
C41	67.07	820.00	4°41'10"	67.05	S 33°23'42" E
C42	33.24	820.00	2°19'22"	33.24	S 36°53'58" E
C44	66.73	785.00	4°52'14"	66.71	S 44°39'04" W
C45	66.73	785.00	4°52'14"	66.71	S 39°46'50" W
C46	35.80	785.00	2°36'48"	35.80	S 36°02'20" W
C47	30.93	385.00	4°36'09"	30.92	S 32°25'51" W
C48	65.73	385.00	9°46'55"	65.65	S 25°14'19" W
C49	34.57	385.00	5°08'42"	34.56	S 17°46'31" W
C50	48.67	385.00	7°14'33"	48.63	S 18°49'27" W
C51	84.91	385.00	12°38'09"	84.73	S 28°45'47" W
C52	85.76	385.00	12°45'47"	85.58	S 41°27'45" W

PARCEL CURVE TABLE					
Curve #	Length	Radius	Central Angle	Chord	Chord Bearing
C53	86.08	385.00	12°48'39"	85.90	S 54°14'59" W
C54	85.87	385.00	12°46'43"	85.69	S 67°02'40" W
C55	85.11	385.00	12°40'00"	84.94	S 79°46'01" W
C56	47.63	385.00	7°05'17"	47.60	S 89°38'40" W
C57	39.27	25.00	90°00'25"	35.36	N 48°08'08" E
C58	27.65	360.00	4°24'00"	27.64	S 89°03'40" E
C59	61.39	360.00	9°46'12"	61.31	N 83°51'15" E
C60	61.39	360.00	9°46'12"	61.31	N 74°05'03" E
C61	61.39	360.00	9°46'12"	61.31	N 64°18'51" E
C62	61.39	360.00	9°46'12"	61.31	N 54°32'40" E
C63	61.39	360.00	9°46'12"	61.31	N 44°46'28" E
C64	61.39	360.00	9°46'12"	61.31	N 35°00'16" E
C65	61.38	367.87	9°33'37"	61.31	N 25°14'05" E
C66	86.21	505.00	9°46'54"	86.11	N 25°14'26" E
C67	40.57	505.00	4°36'09"	40.55	N 32°25'57" E
C68	46.96	905.00	2°58'22"	46.95	N 36°13'12" E
C69	71.25	905.00	4°30'40"	71.24	N 39°57'43" E
C70	59.31	905.00	3°45'19"	59.30	N 44°05'42" E
C71	39.15	25.00	89°42'55"	35.27	S 89°10'11" E
C72	95.94	450.00	12°12'57"	95.76	S 38°12'15" E
C73	15.33	450.00	1°57'07"	15.33	S 31°07'13" E
C74	162.42	770.00	12°05'08"	162.12	S 40°48'38" W
C76	85.76	385.00	12°45'47"	85.58	N 41°27'45" E
C77	65.73	385.00	9°46'55"	65.65	N 25°14'19" E
C78	66.73	785.00	4°52'14"	66.71	N 39°46'50" E
C79	39.27	25.00	89°59'35"	35.35	N 41°51'52" W
C80	98.64	250.00	22°36'24"	98.00	N 14°26'07" E
C81	88.88	250.00	20°22'13"	88.41	N 35°55'26" E
C82	52.94	250.00	12°07'59"	52.84	N 52°10'31" E
C83	9.40	360.00	1°29'46"	9.40	N 57°29'38" E
C84	61.95	360.00	9°51'36"	61.88	N 51°48'57" E
C85	60.25	360.00	9°35'20"	60.18	N 42°05'29" E
C86	18.62	360.00	2°57'51"	18.62	N 35°48'54" E
C87	15.43	1180.00	0°44'57"	15.43	N 34°42'27" E
C88	60.02	1180.00	2°54'51"	60.01	N 36°32'21" E
C89	60.04	1180.00	2°54'54"	60.03	N 39°27'13" E
C90	72.36	50.00	82°54'50"	66.21	N 82°19'55" E
C91	73.92	1050.00	4°02'02"	73.91	S 54°11'39" E
C92	25.83	1050.00	1°24'34"	25.83	S 51°28'21" E
C93	41.98	25.00	96°12'30"	37.22	S 02°39'49" E
C94	31.86	955.00	1°54'40"	31.85	S 44°29'06" W
C95	60.16	955.00	3°36'34"	60.15	S 41°43'29" W
C96	60.01	955.00	3°36'02"	60.00	S 38°07'11" W
C97	26.43	955.00	1°35'09"	26.43	S 35°31'36" W
C98	33.70	555.00	3°28'46"	33.70	S 32°59'39" W
C99	60.88	555.00	6°17'04"	60.84	S 28°06'44" W
C100	44.75	555.00	4°37'13"	44.74	S 22°39'35" W
C101	17.44	310.00	3°13'23"	17.44	S 21°57'41" W
C102	83.73	310.00	15°28'32"	83.48	S 31°18'39" W
C103	81.00	310.00	14°58'16"	80.77	S 46°32'03" W
C104	109.11	310.00	20°09'59"	108.55	S 64°06'11" W
C105	102.54	310.00	18°57'10"	102.08	S 83°39'45" W



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Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

SITE LAYOUT & DIMENSION PLAN

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

Jeremy R. King, P.E. No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C2.1
SHEET 9 OF 65

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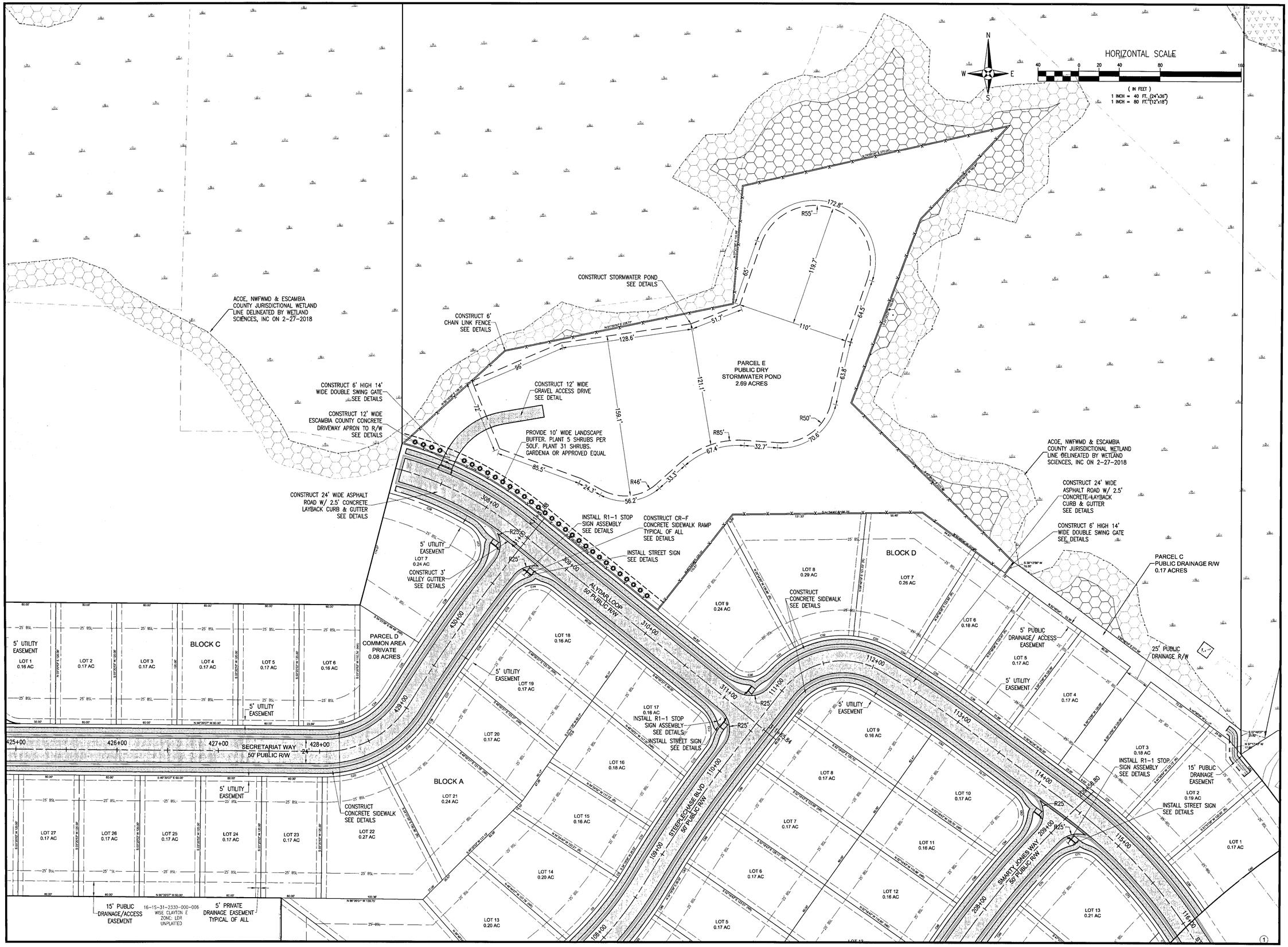

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SITE LAYOUT & DIMENSION PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy King, P.E. No. 76144 STATE OF FLORIDA 12/19

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C2.2
SHEET 10 OF 65

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15' PUBLIC DRAINAGE/ACCESS EASEMENT

16-1S-31-2330-000-006
WISE CLAYTON E
ZONE: LDR
UNPLATTED

5' PRIVATE DRAINAGE EASEMENT TYPICAL OF ALL

N
W E
S

HORIZONTAL SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

CONSTRUCT 24' WIDE ASPHALT ROAD W/ 2.5' CONCRETE LAYBACK CURB & GUTTER SEE DETAILS

CONSTRUCT CONCRETE SIDEWALK SEE DETAILS

INSTALL STREET SIGN SEE DETAILS

INSTALL R1-1 STOP SIGN ASSEMBLY SEE DETAILS

5' UTILITY EASEMENT

CONSTRUCT CR-F CONCRETE SIDEWALK RAMP TYPICAL OF ALL SEE DETAILS

CONSTRUCT 24' WIDE ASPHALT ROAD W/ 2.5' CONCRETE LAYBACK CURB & GUTTER SEE DETAILS

CONSTRUCT 5' CONCRETE SIDEWALK SEE DETAILS

5' PRIVATE DRAINAGE EASEMENT TYPICAL OF ALL

PARCEL A
AMENITIES AREA/
MAIL KIOSK
PRIVATE
0.67 ACRES

PARCEL B
15' PUBLIC DRAINAGE R/W
0.34 ACRES

ACOE, NWFWMD & ESCAMBIA COUNTY JURISDICTIONAL WETLAND LINE DELINEATED BY WETLAND SCIENCES, INC ON 2-27-2018

STEEPLECHASE BLVD 50' PUBLIC R/W

SMARTY JONES WAY 50' PUBLIC R/W

PADDOCK WAY 50' PUBLIC R/W

BLOCK E

BLOCK F

BLOCK B

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SITE LAYOUT & DIMENSION PLAN

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

Jeremy R. King, P.E.
No.76144
STATE OF FLORIDA
12-10-19

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C2.3
SHEET 11 OF 65

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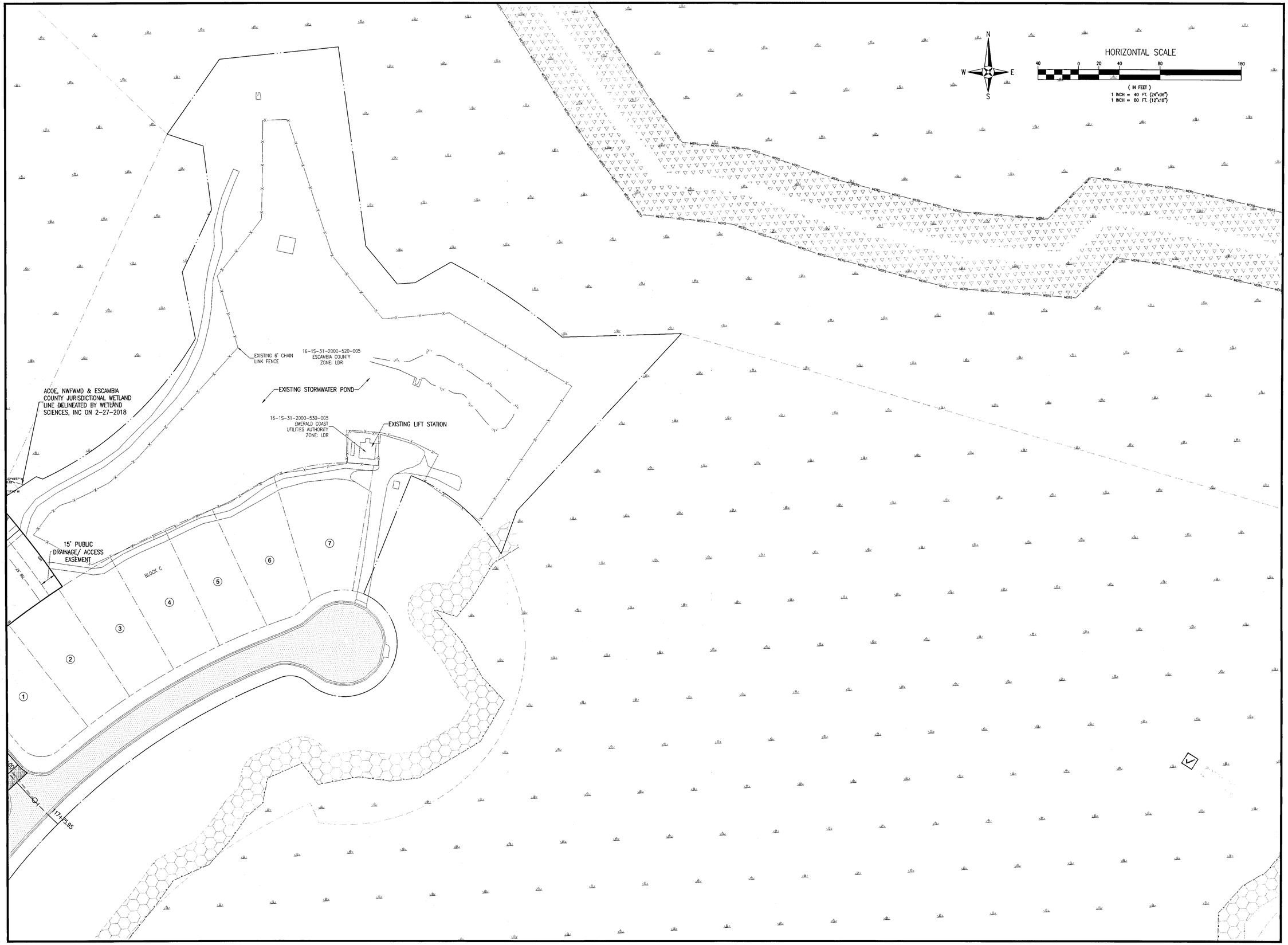

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SITE LAYOUT & DIMENSION PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
REGISTERED PROFESSIONAL ENGINEER
No. 76144
STATE OF FLORIDA
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C2.4
SHEET 12 OF 65

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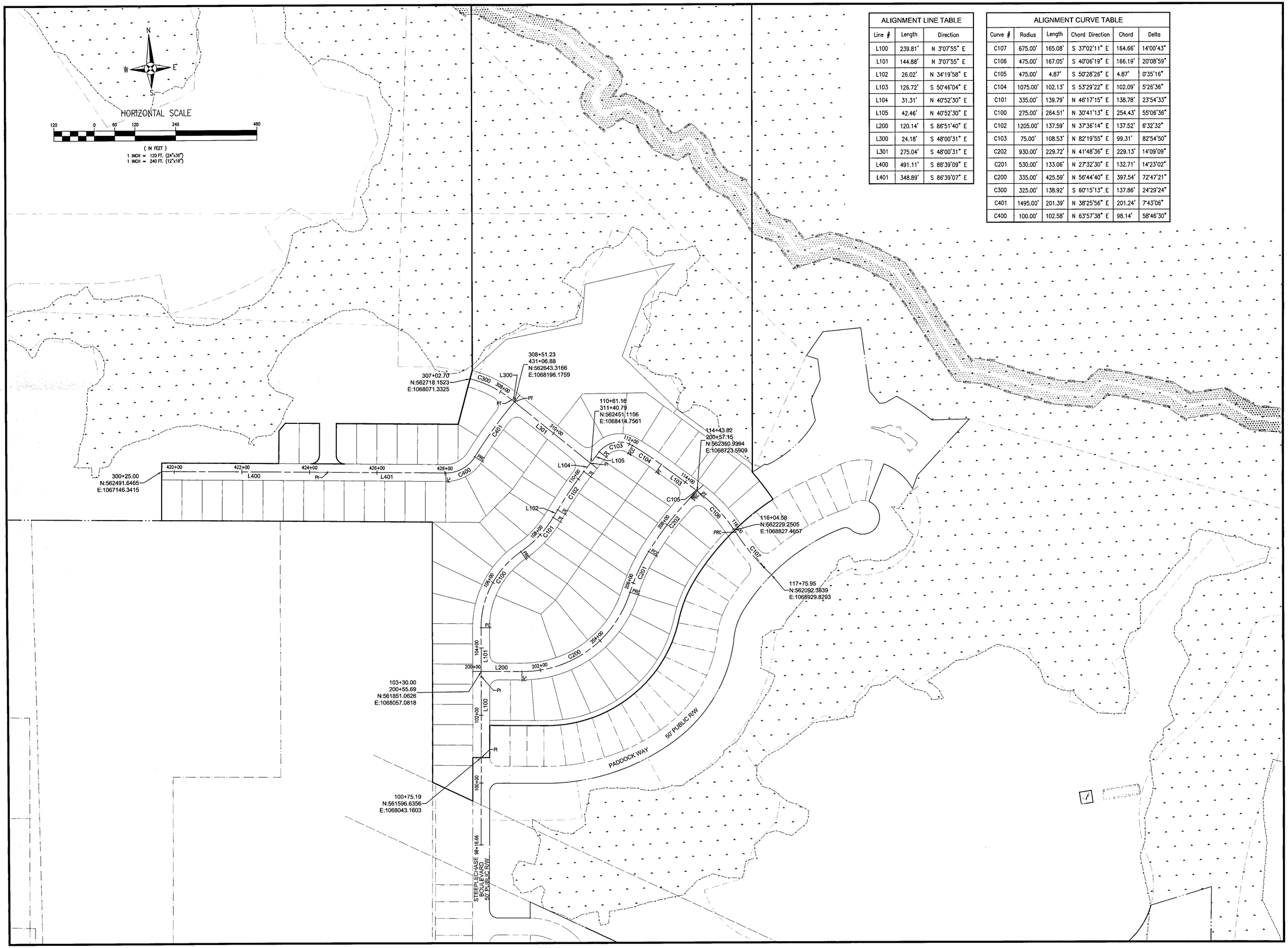

ALIGNMENT LINE TABLE		
Line #	Length	Direction
L100	239.81'	N 3°07'55" E
L101	144.88'	N 3°07'55" E
L102	26.02'	N 34°19'58" E
L103	126.72'	S 50°46'04" E
L104	31.31'	N 40°52'30" E
L105	42.46'	N 40°52'30" E
L200	120.14'	S 86°51'40" E
L300	24.18'	S 48°00'31" E
L301	275.04'	S 48°00'31" E
L400	491.11'	S 86°39'09" E
L401	348.89'	S 86°39'07" E

ALIGNMENT CURVE TABLE					
Curve #	Radius	Length	Chord Direction	Chord	Delta
C107	675.00'	165.08'	S 37°02'11" E	164.66'	14°00'43"
C106	475.00'	167.05'	S 40°06'19" E	166.19'	20°08'59"
C105	475.00'	4.87'	S 50°28'26" E	4.87'	0°35'16"
C104	1075.00'	102.13'	S 53°29'22" E	102.09'	5°26'36"
C101	335.00'	139.79'	N 46°17'15" E	138.78'	23°54'33"
C100	275.00'	264.51'	N 30°41'13" E	254.43'	55°06'36"
C102	1205.00'	137.59'	N 37°36'14" E	137.52'	6°32'32"
C103	75.00'	108.53'	N 82°19'55" E	99.31'	82°54'50"
C202	930.00'	229.72'	N 41°48'36" E	229.13'	14°09'09"
C201	530.00'	133.06'	N 27°32'30" E	132.71'	14°23'02"
C200	335.00'	425.59'	N 56°44'40" E	397.54'	72°47'21"
C300	325.00'	138.92'	S 60°15'13" E	137.86'	24°29'24"
C401	1495.00'	201.39'	N 38°25'56" E	201.24'	7°43'06"
C400	100.00'	102.58'	N 63°57'38" E	98.14'	58°46'30"

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OVERALL SITE LAYOUT

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
LICENSE No. 76144 STATE OF FLORIDA Jeremy R. King P.E. No. 76144 PROFESSIONAL ENGINEER

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C2.5
SHEET 13 OF 65

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GENERAL NOTES

1. Cross Slopes and Grades:

   A. Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this Index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.

   B. Landings must have cross-slopes less than or equal to 0.02 in any direction.

   C. Install ramp slopes along a single linear plane (i.e. no warps or varying slope). Ramp slopes are not required to exceed 15 feet in length.

   D. Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the Curb Ramp.

2. Grade Breaks:

   Grade breaks at the top and bottom of ramps must be parallel to each other and perpendicular to the direction of the ramp slope.

3. Curb, Curb and Gutter and/or Sidewalk:

   A. Refer to Index 522-001 for concrete thickness and sidewalk details.

   B. Remove any existing curb or curb and gutter 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 feet long. Remove any existing sidewalk to the nearest joint beyond the transition slope or to the extent that no remaining section of sidewalk is less than 5 feet long.

4. Curb Ramp Alpha-Identification:

   A. Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.

   B. Alpha-identifications CR-I and CR-J are intentionally omitted.

5. Detectable Warnings:

   A. Install detectable warnings in accordance with Specification 527.

   B. Place detectable warnings across the full width of the ramp or landing, to a minimum depth of 2 feet measured perpendicular to the curb line and no greater than 5 feet from the back of the curb or edge of pavement.

   C. If detectable warnings are shown in the Plans on slopes greater than 5%, align the truncated domes with the centerline of the ramp; otherwise, the truncated domes are not required to be aligned.

6. Detectable Warnings – Acceptance Criteria:

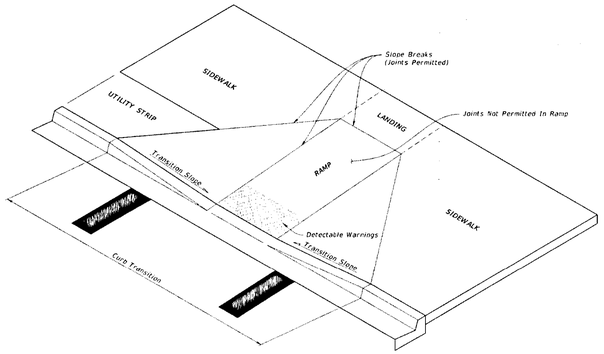
   A. Color and texture shall be complete and uniform.

   B. 90% of individual truncated domes shall be in accordance with the Americans with Disabilities Act Standards for Transportation Facilities, Section 705.

   C. There shall be no more than 4 non-compliant domes in any one square foot.

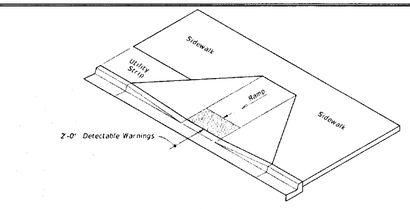
   D. Non-compliant domes shall not be adjacent to other non-compliant domes.

   E. Surfaces shall not deviate more than 0.10" from a true plane.

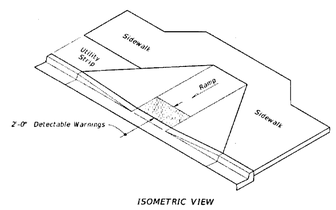


CURB RAMP NOMENCLATURE

LAST REVISION 11/01/17	DESCRIPTION:	FDOT FY 2018-19 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 1 of 8



ISOMETRIC VIEW



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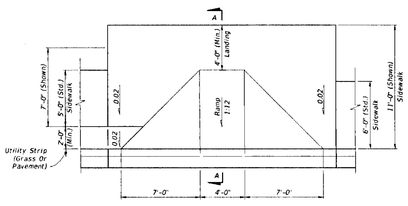
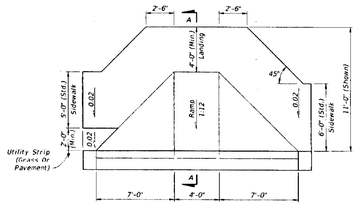


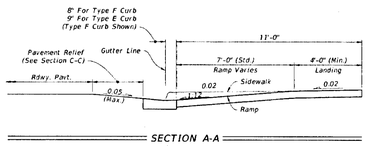
PLAN VIEW

CR-A



PLAN VIEW

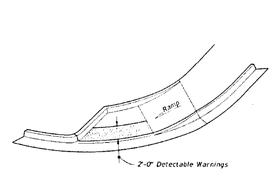
CR-B



SECTION A-A

SIDEWALK CURB RAMPS CR-A AND CR-B

LAST REVISION 11/01/17	DESCRIPTION:	FDOT FY 2018-19 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 2 of 8



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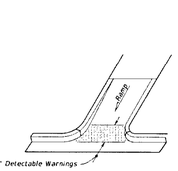

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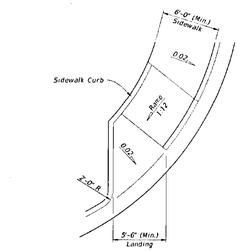
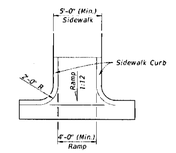


PLAN VIEW

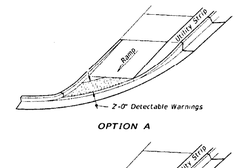
CR-D



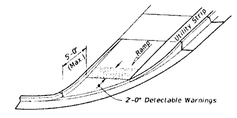
PLAN VIEW

CR-E

OPTION A



OPTION B



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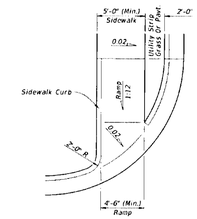
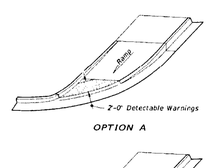


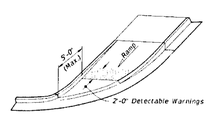
PLAN VIEW

CR-F

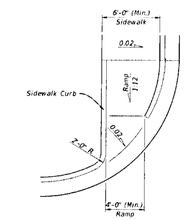
OPTION A



OPTION B



ISOMETRIC VIEW



PLAN VIEW

CR-G

SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G

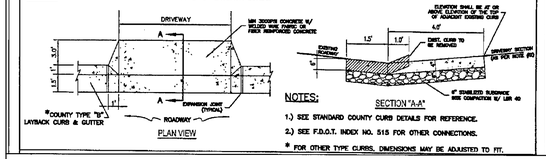
LAST REVISION 11/01/17	DESCRIPTION:	FDOT FY 2018-19 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 4 of 8

TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS

NOTES:

1) ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
2) DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1 – ½" ASPHALT WITH 6" STABILIZED SUB GRADE OR 4" TO 6" CONCRETE WITH 4" STABILIZED SUB GRADE – 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE OF ROADWAY AND R/W LINE. COMPACTION AND TESTING IF NECESSARY, THIS WILL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR.
3) DRIVEWAYS ABUTTING A DIRT ROAD SHALL BE MILLED ASPHALT, GRADED AGGREGATE BASE, OR WASHED CONCRETE (4" IN DEPTH) ON THE COUNTY MAINTAINED PORTION OF DRIVEWAY.
4) IF NECESSARY, REFER TO FDOT INDEX DETAILS AS REFERENCED BELOW.
5) RADIUS OR FLARE IS REQUIRED FOR TYPE II OR TYPE III CONNECTIONS. SEE DETAIL.
6) PARKING SPACES WITHIN COUNTY RIGHT-OF-WAY SHALL PROVIDE A MINIMUM OF 2 PARKING SPACES.
7) TYPICAL DRIVEWAY SECTIONS ARE TO BE 12' WIDE MINIMUM.

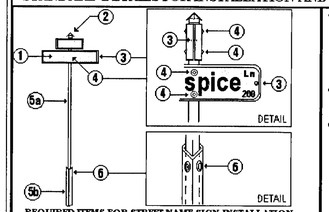
TYPE I CURB CUT DRIVEWAY FOR COUNTY TYPE "B" LAYBACK CURBS.



NOTES:

1.) SEE STANDARD COUNTY CURB DETAILS FOR REFERENCE.
2.) SEE F.D.O.T. INDEX NO. 515 FOR OTHER CONNECTIONS.
* FOR OTHER TYPE CURBS, DIMENSIONS MAY BE ADJUSTED TO FIT.

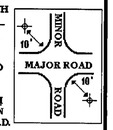
STANDARD DETAILS FOR INSTALLATION AND LOCATION OF STREET NAME SIGNS

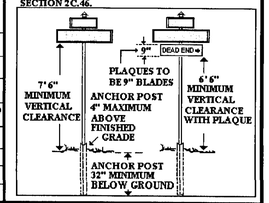


REQUIRED ITEMS FOR STREET NAME SIGN INSTALLATION

1	SIGN BLADE - .080" ALODIZED ALUMINUM CORNERS ROUNDED (1/2" RADIUS) FREE OF SHARP EDGES
2	ALUMINUM PYRAMID RAINCAP (ARC 175 OR EQUIVALENT)
3	3/16"X3/8" BLIND RIVETS (ENDS OF SIGN BLADES WILL BE RIVETED TO EITHER) (4 REQUIRED PER INSTALLATION)
4	3/8" STEEL DRIVE RIVETS ("SOUTHCO" 3878 OR EQUIVALENT) (8 REQUIRED PER INSTALLATION)
5	TELSPAR SIGN POST SYSTEM (GALVANIZED) OR EQUIVALENT (COMPRISED OF PARTS 5a AND 5b)
5a	1 3/4"X 1 3/4"X 10' - 14 GAUGE TELESCOPING TOP POST
5b	2"X 2"X 36" - 12 GAUGE SQUARE FIT ANCHOR POST
6	5/16"X 2 1/4" CORNER BOLT

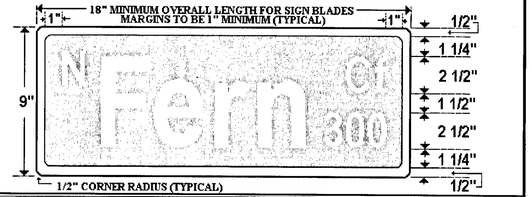
- INSTALL STREET NAME SIGNS ON CORNERS OF INTERSECTION SO THAT THEY WILL BE ON THE FAR RIGHT SIDE OF THE INTERSECTION FOR TRAFFIC ON THE MAJOR STREET IN ACCORDANCE WITH M.U.T.C.D. SECTION 2D.38
- INSTALL STREET NAME SIGN POST AT MID RADIUS, 10' OFF EDGE OF ROAD.
- "DEAD END" (W14-1P) OR "NO OUTLET" (W14-2P) PLAQUES MAY BE CO-MOUNTED TO STREET NAME SIGNS BENEATH STREET NAME SIGN BLADES IN ACCORDANCE WITH M.U.T.C.D. SECTION 2C.46.





STANDARD DETAILS FOR STREET NAME SIGN BLADE LAYOUT

- F.D.O.T. TYPE III A REFLECTIVE SHEETING TO BE USED ON ALL STREET NAME SIGN BLADES.
- STREET NAME SIGN BLADES TO HAVE WHITE LEGENDS, 1/2" WHITE BORDERS AND GREEN BACKGROUND.
- PRIMARY LETTERING TO SERIES B, 6" UPPER CASE AND 4 1/2" LOWER CASE.
- PREFIX AND SUFFIX LETTERING TO BE SERIES C, 2 1/2" UPPER CASE AND 1 3/4" LOWER CASE.



ESCAMBIA COUNTY STANDARD DETAILS FOR STREET NAME SIGNS

DEPARTMENT OF ENGINEERING - TRAFFIC ENGINEERING DIVISION
Suite 1, 1190 West Leonard Street, Pensacola, Florida 32501-1116

BY: Alan Thedford, Engineering Technician III Revised 6-2002 * NOT TO SCALE *

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 26000597

DETAILS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RAY KING — LICENSED — No. 76144 — STATE OF FLORIDA — PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C2.6
SHEET 14 OF 65

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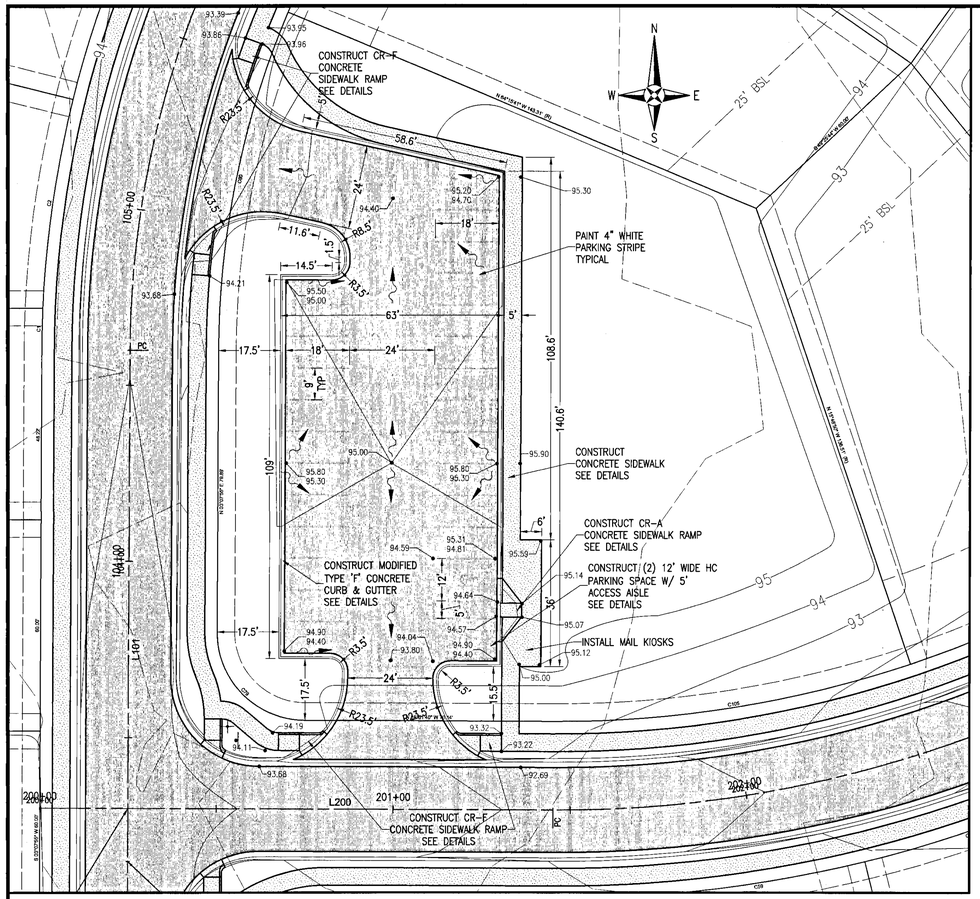


AMENITIES AREA / MAIL KIOSK PLAN

SCALE: 1" = 20'

NOTES:
1. TOP PORTION OF FTP 25 SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER.

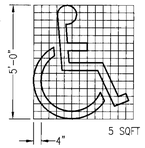
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.

3. FTP 25 MAY BE FABRICATED ON ONE PANEL OR TWO.

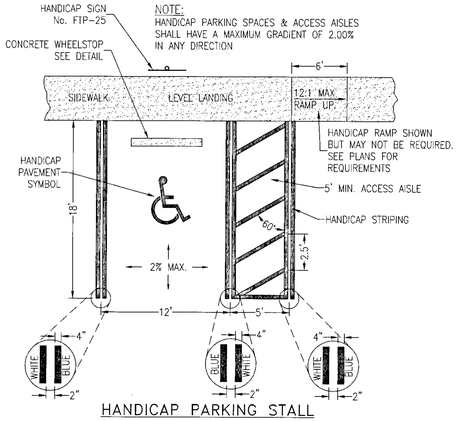
4. SIGNS ARE TO BE MOUNTED AT STANDARD HEIGHT. (7' FROM PAVEMENT TO BOTTOM OF SIGN).

5. SIGN COLUMN TO BE AS PER F.D.O.T. STANDARD PLAN, INDEX 700-010.

SIGN USED AS PER FLORIDA STATUTES
FTP 25 Per FS 316.1955, FS 316.1956



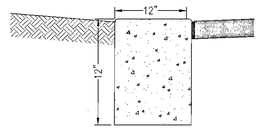
HANDICAP PAVEMENT SYMBOL



HANDICAP PARKING STALL

HANDICAP PARKING STALL DETAILS

N.T.S.

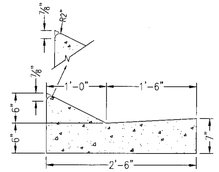


NOTES:
1. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".

2. EXPANSION JOINTS ARE TO BE 30' ON CENTER. TYPICAL FOR ALL CURB.

12" RIBBON CURB

N.T.S.



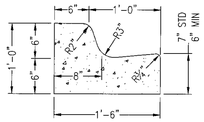
NOTES:
1. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".

2. EXPANSION JOINTS ARE TO BE 30' ON CENTER. TYPICAL FOR ALL CURB.

3. ALL CONCRETE SHALL BE 3000 psi AT 28 DAYS.

LAYBACK CURB & GUTTER

N.T.S.



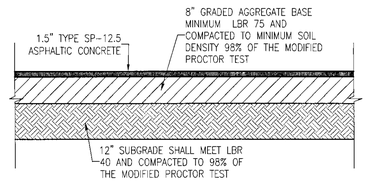
NOTES:
1. WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.

2. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".

3. EXPANSION JOINTS ARE TO BE 30' ON CENTER. TYPICAL FOR ALL CURB.

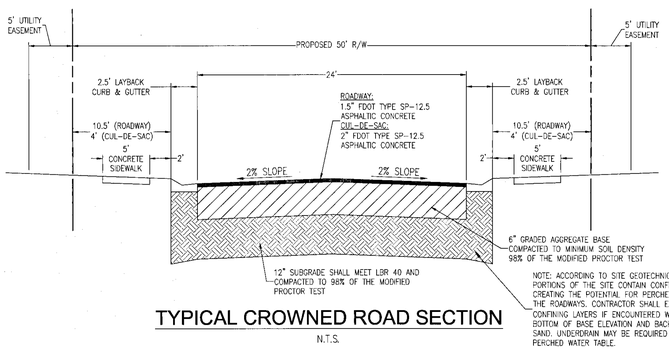
MODIFIED TYPE 'F' CURB & GUTTER

N.T.S.



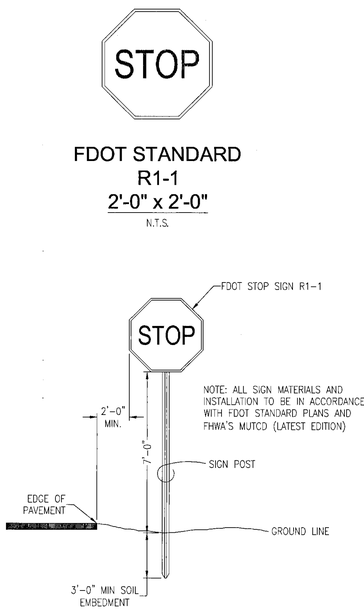
ON-SITE ASPHALT PAVEMENT DETAIL

N.T.S.



TYPICAL CROWNED ROAD SECTION

N.T.S.

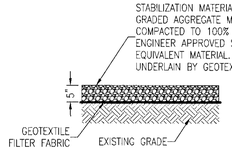


FDOT STANDARD R1-1 2'-0" x 2'-0"

N.T.S.

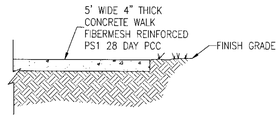
SIGN MOUNTING DETAIL

N.T.S.



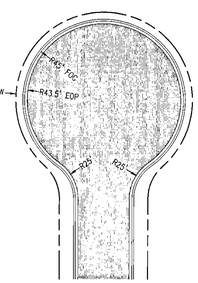
STABILIZED GRAVEL DRIVE SECTION

N.T.S.



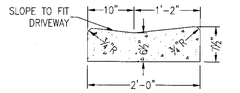
SIDEWALK DETAIL

N.T.S.



TYPICAL ESCAMBIA COUNTY CUL-DE-SAC DETAIL

N.T.S.

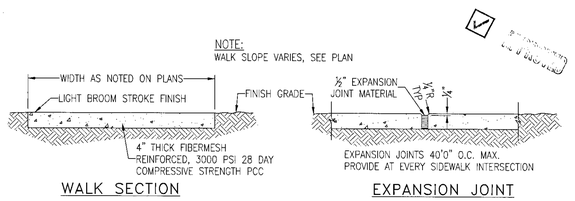


NOTE:
1. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".

2. EXPANSION JOINTS ARE TO BE 30' ON CENTER. TYPICAL FOR ALL CURB.

VALLEY CURB

N.T.S.



WALK SECTION — EXPANSION JOINT

CONSTRUCTION JOINT — DUMMY GROOVE

SIDEWALK DETAILS

N.T.S.

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0600 Fax 850.436.0448
EB 0005857

DETAILS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
No. 76144
REGISTERED PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C2.7
SHEET 15 OF 65

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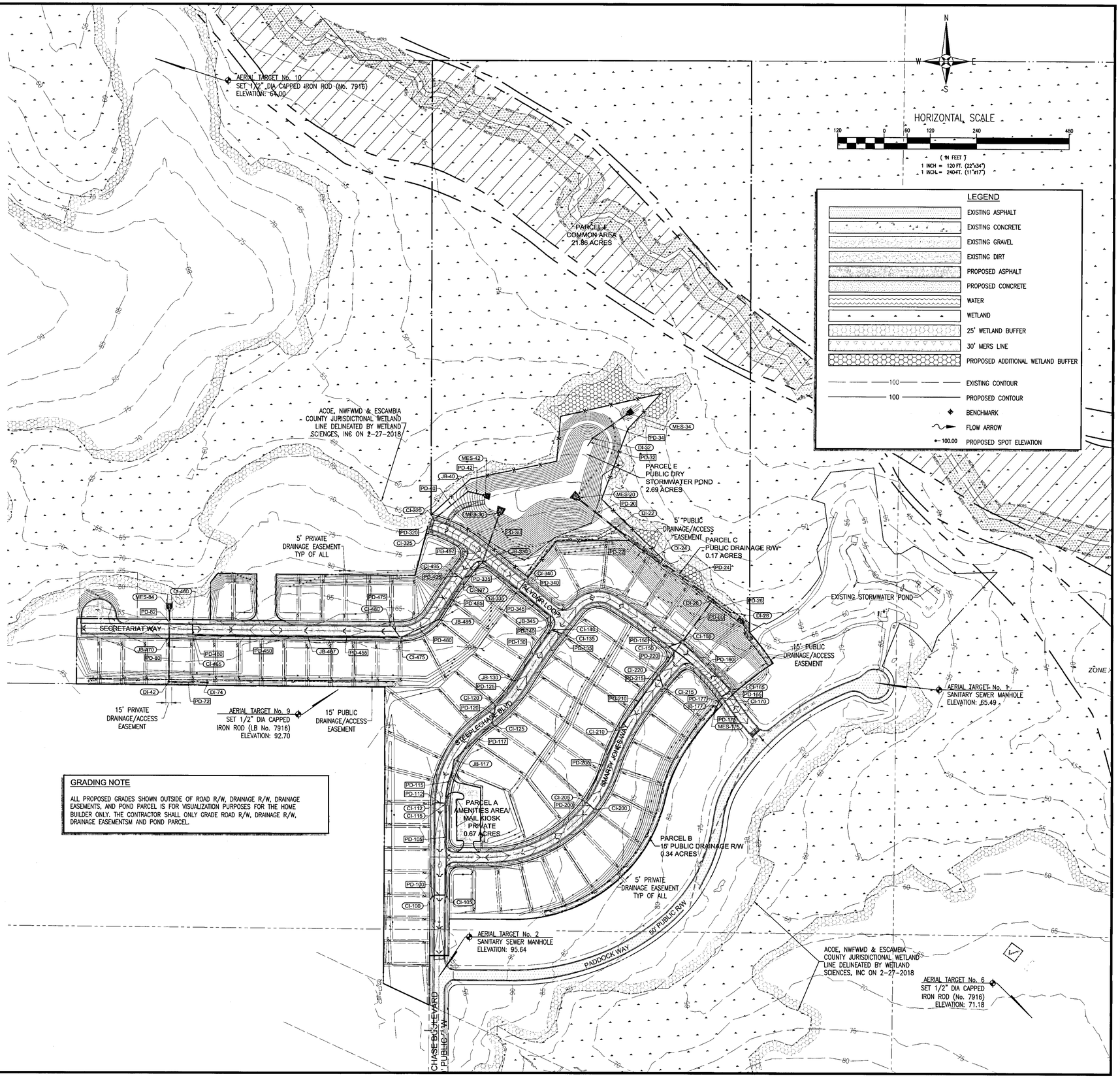

GRADING NOTE

ALL PROPOSED GRADES SHOWN OUTSIDE OF ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTS, AND POND PARCEL IS FOR VISUALIZATION PURPOSES FOR THE HOME BUILDER ONLY. THE CONTRACTOR SHALL ONLY GRADE ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTSM AND POND PARCEL.

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.4506 Fax 850.438.0448
EB 0000687

OVERALL GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE NO.
No. 76144
STATE OF
FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.0
SHEET 16 OF 65

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CURB INLET		
NAME & DESCRIPTION	ELEVATIONS	INVERTS
CI-100 TYPE 'A' CURB INLET	TOP=94.93 EOP=94.51 THROAT=94.10	INV=90.50 (PD-100)
CI-105 TYPE 'A' CURB INLET	TOP=94.93 EOP=94.51 THROAT=94.10	INV=90.40 (PD-100) INV=90.40 (PD-105)
CI-112 TYPE 'A' CURB INLET	TOP=94.12 EOP=93.70 THROAT=93.29	INV=89.75 (PD-112)
CI-115 TYPE 'A' CURB INLET	TOP=94.12 EOP=93.70 THROAT=93.29	INV=89.25 (PD-105) INV=89.25 (PD-115) INV=89.50 (PD-112)
CI-120 TYPE 'A' CURB INLET	TOP=92.42 EOP=92.00 THROAT=91.59	INV=87.63 (PD-120) INV=87.63 (PD-125)
CI-125 TYPE 'A' CURB INLET	TOP=92.80 EOP=92.38 THROAT=91.97	INV=88.06 (PD-117) INV=88.06 (PD-120)
CI-135 TYPE 'A' CURB INLET	TOP=89.17 EOP=88.75 THROAT=88.34	INV=84.75 (PD-135)
CI-140 TYPE 'A' CURB INLET	TOP=89.33 EOP=88.91 THROAT=88.50	INV=83.56 (PD-135) INV=83.56 (PD-140) INV=83.56 (PD-130)
CI-150 TYPE 'A' CURB INLET	TOP=82.75 EOP=82.33 THROAT=81.92	INV=78.68 (PD-150)
CI-155 TYPE 'A' CURB INLET	TOP=82.74 EOP=82.32 THROAT=81.91	INV=78.29 (PD-150) INV=71.00 (PD-160) INV=71.00 (PD-220) INV=71.00 (PD-60)
CI-165 TYPE 'A' CURB INLET	TOP=75.35 EOP=74.93 THROAT=74.52	INV=71.72 (PD-165) INV=71.72 (PD-160)
CI-170 TYPE 'A' CURB INLET	TOP=75.35 EOP=74.93 THROAT=74.52	INV=71.87 (PD-177) INV=71.87 (PD-165)
CI-200 TYPE 'A' CURB INLET	TOP=88.84 EOP=88.42 THROAT=88.01	INV=83.80 (PD-200)
CI-205 TYPE 'A' CURB INLET	TOP=88.79 EOP=88.37 THROAT=87.96	INV=83.60 (PD-200) INV=83.60 (PD-205)
CI-210 TYPE 'A' CURB INLET	TOP=85.99 EOP=85.57 THROAT=85.16	INV=80.50 (PD-205) INV=80.50 (PD-210)
CI-215 TYPE DOUBLE 'A' CURB INLET	TOP=83.93 EOP=83.51 THROAT=83.10	INV=75.40 (PD-215)
CI-220 TYPE 'A' CURB INLET	TOP=83.66 EOP=83.24 THROAT=82.83	INV=74.70 (PD-215) INV=76.77 (PD-210) INV=74.00 (PD-220)
CI-320 TYPE 'A' CURB INLET	TOP=71.69 EOP=71.27 THROAT=70.86	INV=61.51 (PD-320) INV=61.51 (PD-40)
CI-325 TYPE 'A' CURB INLET	TOP=71.69 EOP=71.27 THROAT=70.86	INV=61.84 (PD-320)
CI-335 TYPE 'A' CURB INLET	TOP=85.71 EOP=85.29 THROAT=84.88	INV=80.20 (PD-340) INV=80.20 (PD-335) INV=80.20 (PD-345)
CI-340 TYPE 'A' CURB INLET	TOP=85.67 EOP=85.25 THROAT=84.84	INV=81.50 (PD-340)
CI-460 TYPE DOUBLE 'A' CURB INLET	TOP=85.05 EOP=84.63 THROAT=84.22	INV=80.40 (PD-460)
CI-465 TYPE DOUBLE 'A' CURB INLET	TOP=85.05 EOP=84.63 THROAT=84.22	INV=80.18 (PD-460) INV=80.18 (PD-450)
CI-475 TYPE 'A' CURB INLET	TOP=87.63 EOP=87.21 THROAT=86.80	INV=81.93 (PD-475) INV=78.53 (PD-455) INV=78.53 (PD-480)
CI-480 TYPE 'A' CURB INLET	TOP=87.80 EOP=87.38 THROAT=86.97	INV=82.42 (PD-475)
CI-495 TYPE 'A' CURB INLET	TOP=81.50 EOP=81.08 THROAT=80.67	INV=77.00 (PD-495)
CI-497 TYPE DOUBLE 'A' CURB INLET	TOP=81.50 EOP=81.08 THROAT=80.67	INV=74.86 (PD-485) INV=76.88 (PD-495) INV=74.86 (PD-497)

STORMWATER JUNCTION BOX		
NAME	TOP ELEVATION	INVERTS
JB-40 JUNCTION BOX	63.00	INV=57.00 (PD-40) INV=57.00 (PD-42)
JB-117 JUNCTION BOX	93.39	INV=88.67 (PD-115) INV=88.67 (PD-117)
JB-130 JUNCTION BOX	91.61	INV=86.62 (PD-125) INV=86.62 (PD-130)
JB-177 JUNCTION BOX	79.17	INV=76.90 (PD-175) INV=73.00 (PD-177)
JB-330 JUNCTION BOX	80.37	INV=72.58 (PD-497) INV=67.26 (PD-30) INV=72.58 (PD-335)
JB-345 JUNCTION BOX	88.37	INV=82.98 (PD-140) INV=82.98 (PD-345)
JB-467 JUNCTION BOX	89.10	INV=79.28 (PD-450) INV=79.28 (PD-455)
JB-470 JUNCTION BOX	85.72	INV=79.50 (PD-80) INV=79.50 (PD-82)
JB-485 JUNCTION BOX	85.98	INV=77.14 (PD-480) INV=77.14 (PD-485)

MITERED END SECTIONS	
NAME	INVERT
MES-8	INV=60.00' (UD-7)
MES-20	INV=55.00' (PD-20)
MES-30	INV=56.00' (PD-30)
MES-34	INV=49.00' (PD-34)
MES-42	INV=56.00' (PD-42)
MES-84	INV=79.25' (PD-82)
MES-175	INV=77.08 (PD-175)

DROP INLETS		
NAME	TOP ELEVATION	INVERTS
DI-22 TYPE 'D' INLET W/ 6'ø STRUCTURE BOTTOM & 6" SLOT (SW)	74.50	INV=55.78 (PD-22) INV=55.78 (PD-20)
DI-24 TYPE 'E' INLET W/ 5'ø STRUCTURE BOTTOM & 6" SLOT (NW)	69.66	INV=56.57 (PD-24) INV=56.57 (PD-22)
DI-26 TYPE 'E' INLET W/ 5'x5' STRUCTURE BOTTOM & 6" SLOT (NW & SE)	63.23	INV=57.73 (PD-60) INV=57.73 (PD-24) INV=57.73 (PD-26)
DI-28 TYPE 'E' INLET W/ 6" SLOT (NW & SE)	63.18	INV=59.00 (PD-26)
DI-32 TYPE 'D' OUTFALL STRUCTURE	64.50	INV=51.38 (PD-32) INV=51.38 (PD-34)
DI-42 TYPE 'D' INLET W/ 5'x5' STRUCTURE BOTTOM & 6" SLOT (W)	90.45	INV=84.00 (PD-72) INV=84.00 (PD-80)
DI-74 TYPE 'D' INLET W/ 6" SLOTS (E&W)	89.92	INV=86.25 (PD-72)

PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-20	125'	42" RCP	0.62%
PD-22	127'	42" RCP	0.62%
PD-24	188'	42" RCP	0.62%
PD-26	55'	18" HDPE	2.33%
PD-30	136'	30" RCP	8.28%
PD-32	24'	15" HDPE	1.55%
PD-34	114'	24" RCP	2.09%
PD-40	111'	24" HDPE	4.05%
PD-42	47'	24" RCP	2.14%
PD-60	136'	30" RCP	9.79%
PD-72	100'	24" HDPE	2.24%
PD-80	118'	30" HDPE	3.81%
PD-82	73'	30" RCP	0.34%
PD-100	33'	18" RCP	0.30%
PD-105	238'	18" RCP	0.48%
PD-112	33'	18" RCP	0.76%
PD-115	115'	24" RCP	0.51%
PD-117	133'	24" RCP	0.46%
PD-120	53'	24" RCP	0.80%
PD-125	80'	30" RCP	1.27%

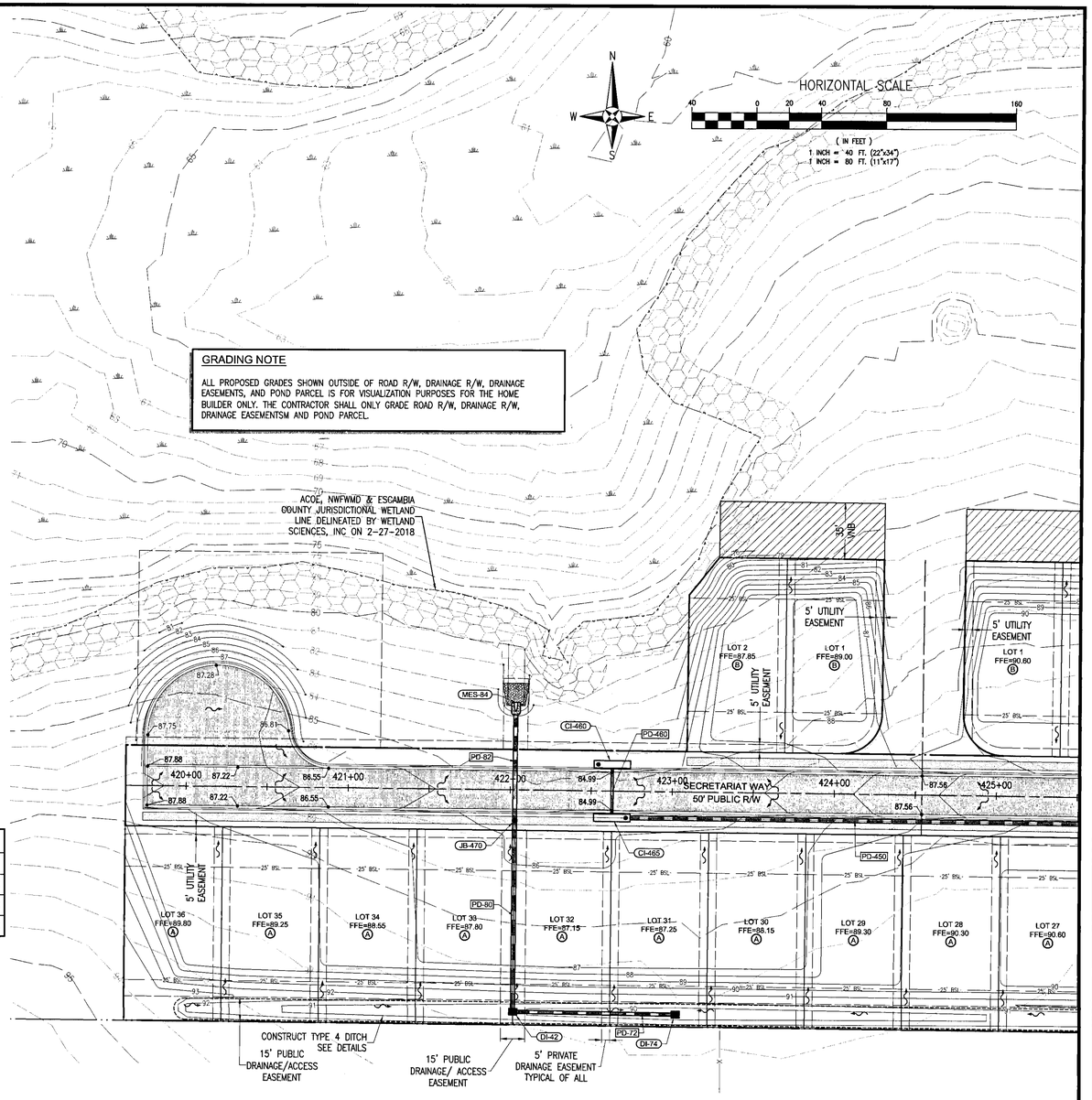
PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-130	162'	30" RCP	1.89%
PD-135	35'	18" RCP	3.43%
PD-140	33'	30" HDPE	1.76%
PD-150	39'	18" RCP	1.00%
PD-160	179'	24" RCP	0.40%
PD-200	33'	18" RCP	0.60%
PD-205	207'	18" RCP	1.50%
PD-210	179'	24" RCP	2.09%
PD-215	39'	18" RCP	1.80%
PD-220	102'	24" RCP	2.94%
PD-320	33'	30" RCP	1.00%
PD-335	118'	30" HDPE	6.45%
PD-340	33'	18" RCP	3.95%
PD-345	108'	30" HDPE	2.58%
PD-450	300'	30" HDPE	0.30%
PD-455	240'	30" HDPE	0.31%
PD-460	33'	18" RCP	0.67%
PD-475	41'	18" RCP	1.21%
PD-480	110'	24" RCP	1.27%
PD-485	121'	24" HDPE	1.89%

PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-495	33'	18" RCP	0.37%
PD-497	67'	24" HDPE	3.40%

ELLIPTICAL PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-165	33'	19"x30" ERCP	0.47%
PD-175	9'	14"x23" ERCP	2.00%
PD-177	23'	14"x23" ERCP	4.84%

PIPE TABLE			
Pipe Name	Length	Size	Slope
UD-1	67'	8" TYPE 1 UNDERDRAIN W/ 8" PERFORATED SOCK PIPE	1.00%
UD-2	74'	8" TYPE 1 UNDERDRAIN W/ 8" PERFORATED SOCK PIPE	1.00%
UD-3	100'	8" TYPE 1 UNDERDRAIN W/ 8" PERFORATED SOCK PIPE	1.00%
UD-4	100'	8" TYPE 1 UNDERDRAIN W/ 8" PERFORATED SOCK PIPE	1.00%
UD-5	62'	8" TYPE 1 UNDERDRAIN W/ 8" PERFORATED SOCK PIPE	1.00%
UD-6	66'	8" TYPE 1 UNDERDRAIN W/ 8" PERFORATED SOCK PIPE	1.00%
UD-7	47'	8" TYPE 1 UNDERDRAIN W/ 8" PERFORATED SOCK PIPE	1.00%

CLEANOUTS	
NAME	INVERT
CO-1	INV=65.16 (UD-1)
CO-2	INV=64.49 (UD-2) INV=64.49' (UD-1)
CO-3	INV=63.75 (UD-3) INV=63.75' (UD-2)
CO-4	INV=62.75 (UD-4) INV=62.75' (UD-3)
CO-5	INV=61.75 (UD-5) INV=61.75' (UD-4)
CO-6	INV=61.13 (UD-6) INV=61.13' (UD-5)
CO-7	INV=60.47 (UD-7) INV=60.47' (UD-6)



DRAINAGE INFRASTRUCTURE TOTALS:

TOTAL LINEAR FEET OF PIPE INSTALLED:	4,701
TOTAL NUMBER OF MANHOLES INSTALLED:	9
TOTAL NUMBER OF CURB INLETS INSTALLED:	27
TOTAL NUMBER OF DITCH BOTTOM INLETS INSTALLED:	6
TOTAL NUMBER OF OUTFALLS INSTALLED:	1

REBOL-BATTLE & ASSOCIATES
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EB 0005857

GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
FLORIDA LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. Kirg, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.1
SHEET 17 OF 65

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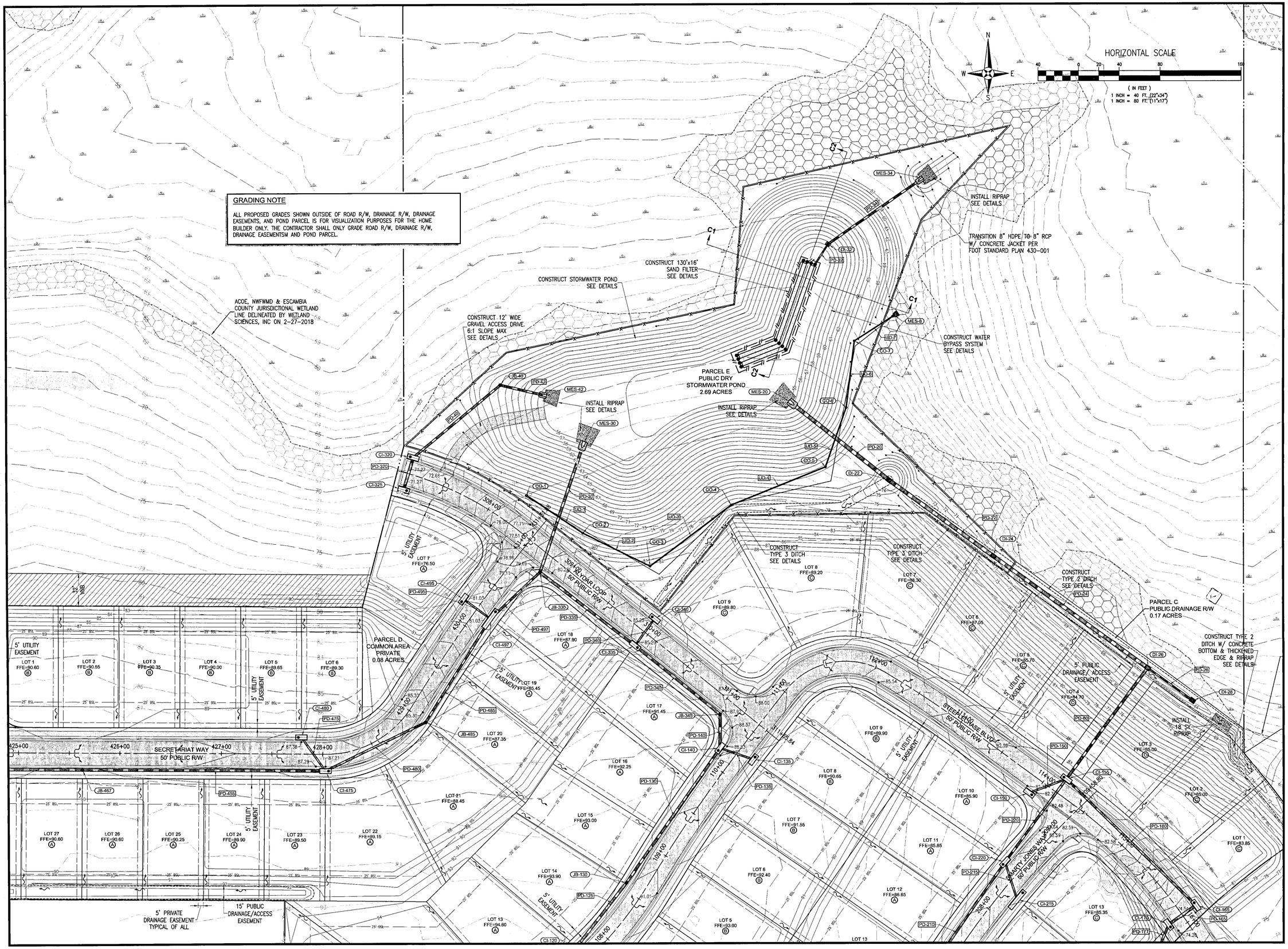

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GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.2
SHEET 18 OF 65

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5' PRIVATE DRAINAGE EASEMENT TYPICAL OF ALL

15' PUBLIC DRAINAGE/ACCESS EASEMENT

N
W E
S

HORIZONTAL SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT. (22"x34")
1 INCH = 80 FT. (11"x17")

LOT 14 FFE=93.90 A
LOT 6 FFE=92.40 B
LOT 12 FFE=86.65 A
LOT 13 FFE=85.35 C
LOT 13 FFE=94.60 A
LOT 5 FFE=93.00 B
LOT 13 FFE=87.45 A
LOT 12 FFE=94.95 B
LOT 4 FFE=93.75 B
LOT 14 FFE=88.25 A
LOT 12 FFE=86.35 C
LOT 11 FFE=95.25 B
LOT 3 FFE=94.30 B
LOT 15 FFE=89.05 A
LOT 11 FFE=87.55 C
LOT 2 FFE=94.80 B
LOT 10 FFE=95.45 B
LOT 1 FFE=95.30 B
LOT 16 FFE=90.25 A
LOT 10 FFE=89.80 C
LOT 9 FFE=95.60 B
LOT 17 FFE=91.40 A
LOT 9 FFE=89.55 C
LOT 18 FFE=93.00 A
LOT 8 FFE=95.80 B
LOT 8 FFE=90.30 C
LOT 7 FFE=96.00 B
LOT 7 FFE=91.05 C
LOT 6 FFE=96.25 B
LOT 6 FFE=91.85 C
LOT 5 FFE=96.45 B
LOT 5 FFE=92.60 C
LOT 4 FFE=96.65 B
LOT 4 FFE=93.35 C
LOT 3 FFE=96.85 B
LOT 2 FFE=97.20 B
LOT 1 FFE=98.00 B
LOT 1 FFE=96.25 A
LOT 2 FFE=94.95 A
LOT 3 FFE=94.15 A

PARCEL A
AMENITIES AREA/
MAIL KIOSK
PRIVATE
0.67 ACRES

PARCEL B
15' PUBLIC DRAINAGE R/W
0.34 ACRES

5' UTILITY EASEMENT

5' PRIVATE DRAINAGE EASEMENT TYPICAL OF ALL

106+10 STEEPLECHASE BLVD 50' PUBLIC R/W

SMARTY JONES WAY 50' PUBLIC R/W

STEEPLECHASE BOULEVARD 100' PUBLIC R/W

50' PUBLIC R/W

PADDOCK WAY

CONSTRUCT TYPE 1 DITCH
SEE DETAILS

CURB INLET
TOP=71.10'
INVERT (NE)=64.20'
INVERT (SW)=65.57'

CURB INLET
TOP=74.24'
INVERT (NE)=68.31'
INVERT (S)=68.31'

CURB INLET

???

ACOE, NWFWMD & ESCAMBIA
COUNTY JURISDICTIONAL WETLAND
LINE DELINEATED BY WETLAND
SCIENCES, INC ON 2-27-2018

GRADING NOTE

ALL PROPOSED GRADES SHOWN OUTSIDE OF ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTS, AND POND PARCEL IS FOR VISUALIZATION PURPOSES FOR THE HOME BUILDER ONLY. THE CONTRACTOR SHALL ONLY GRADE ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTSM AND POND PARCEL.

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GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C3.3
SHEET 19 OF 65

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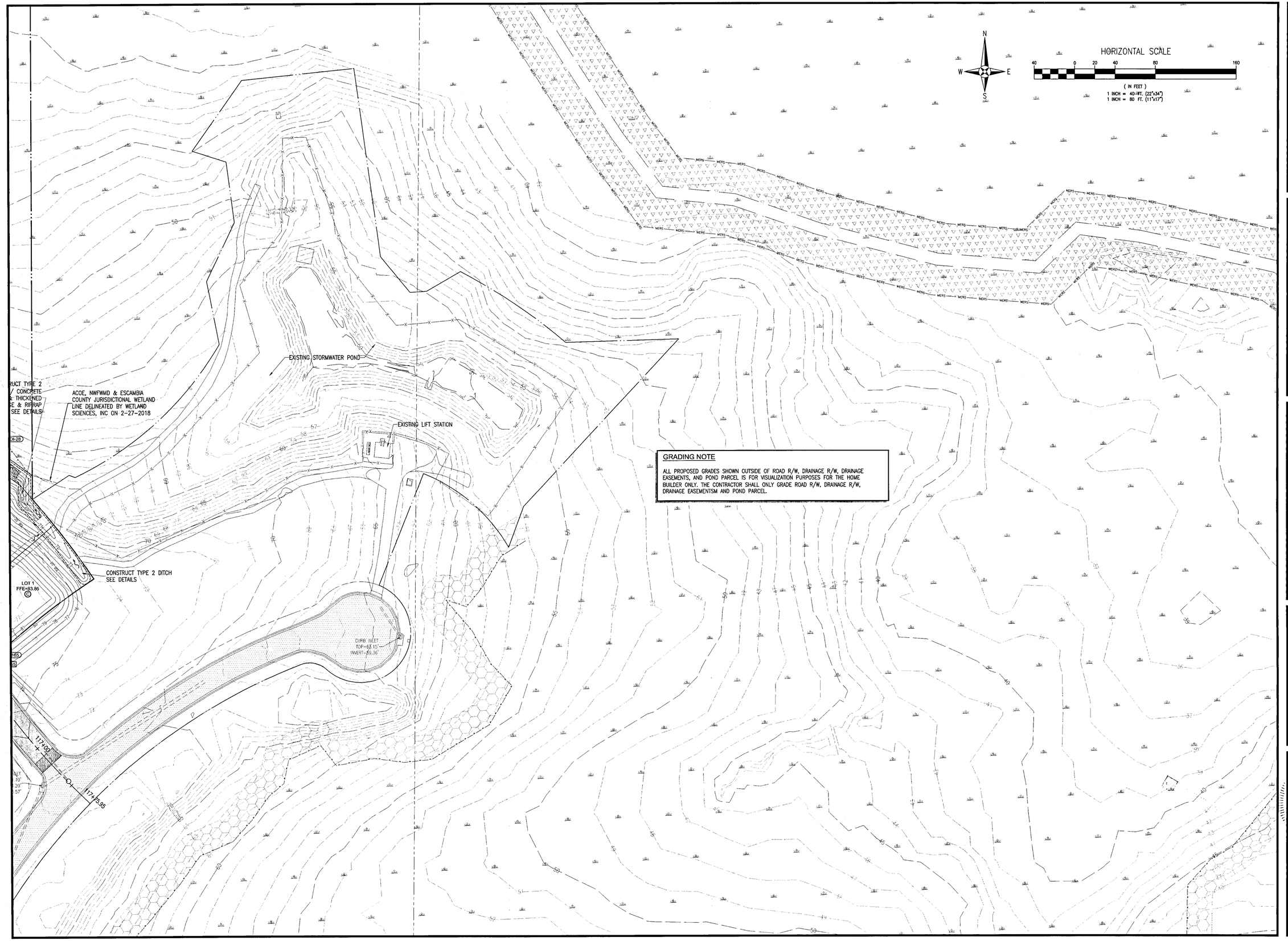

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GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY K. KING LICENSE No. 76144 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.4
SHEET 20 OF 65

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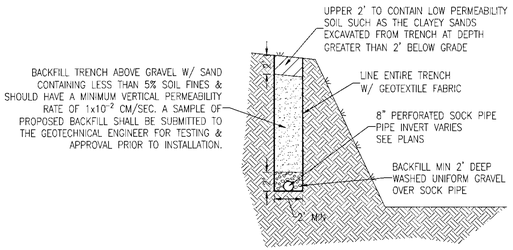
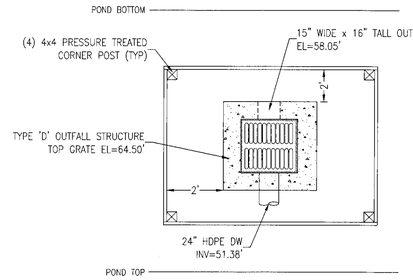
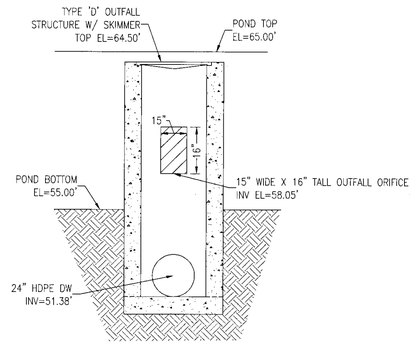


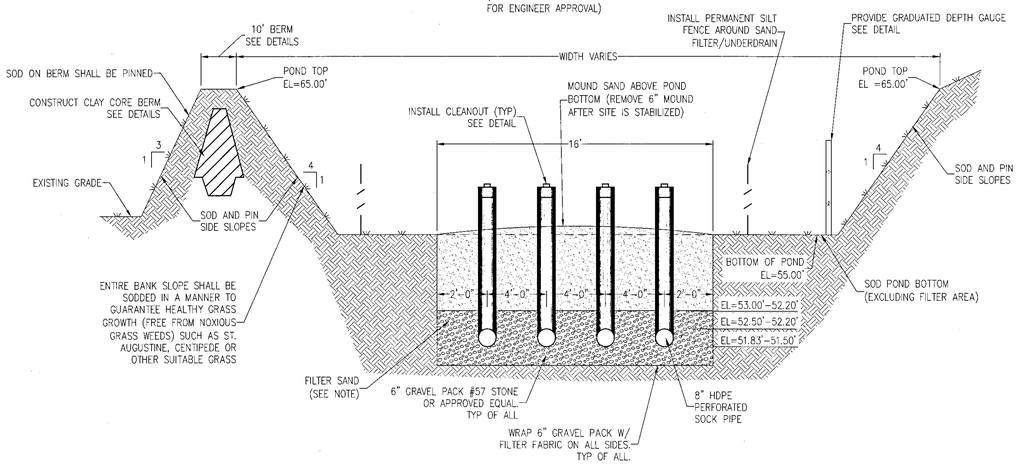
WATER BYPASS DETAIL
N.T.S



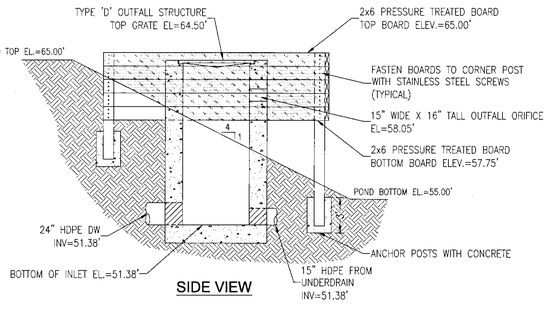
PLAN VIEW



FRONT VIEW

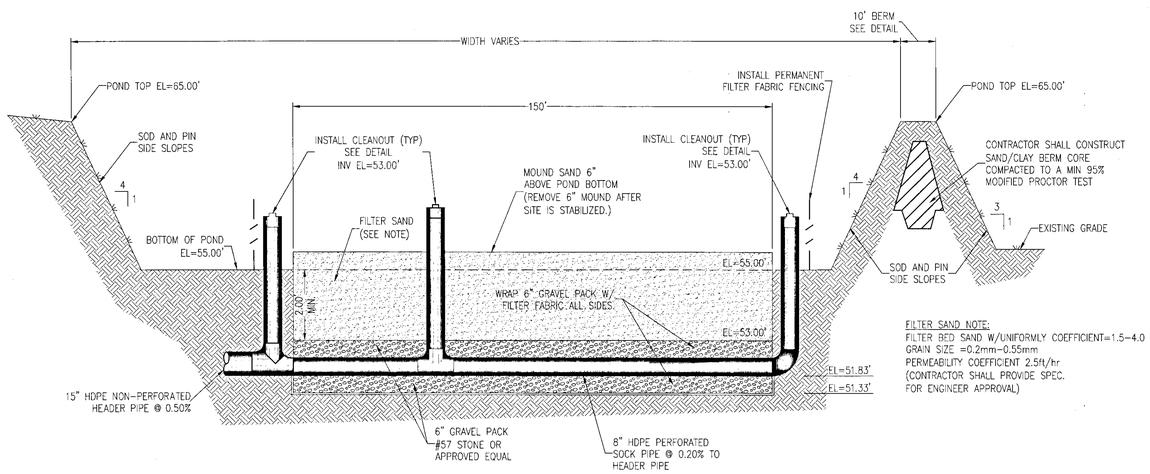


DETENTION POND SECTION C1-C1
N.T.S

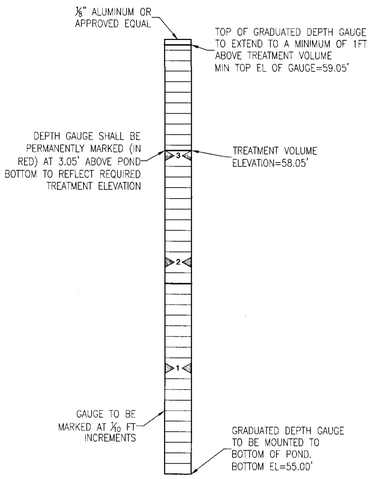


SIDE VIEW

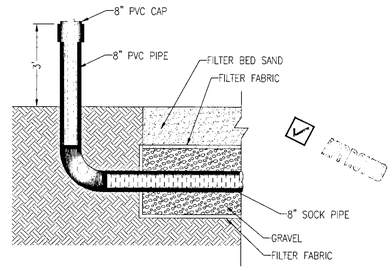
TYPE 'D' OUTFALL STRUCTURE DETAIL
N.T.S.



DETENTION POND SECTION C2-C2
N.T.S



GRADUATED DEPTH GAUGE
N.T.S.



SAND FILTER CLEANOUT DETAIL
N.T.S.

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EB 0026957

GRADING & DRAINAGE DETAILS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E. No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.5
SHEET 21 OF 65

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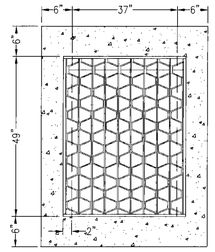
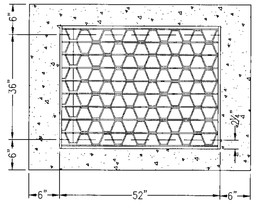
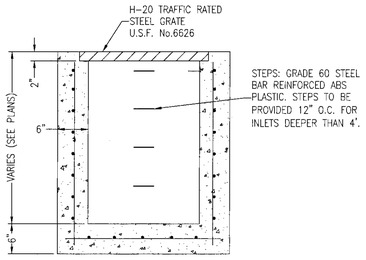
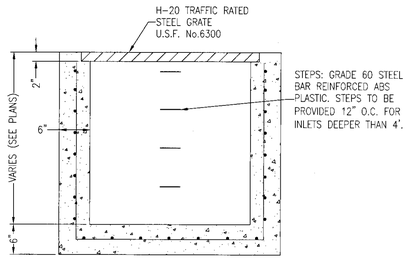






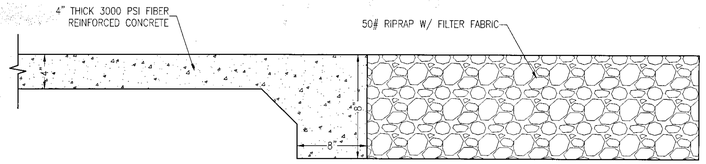
FDOT TYPE 'D' INLET

N.T.S.



FDOT TYPE 'E' INLET

N.T.S.

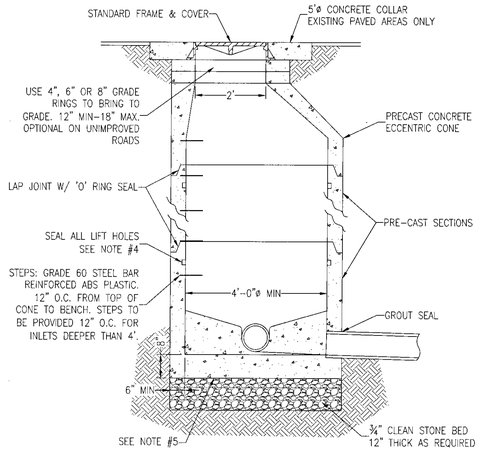


CONCRETE DITCH W/ THICKENED EDGE & RIPRAP DETAIL

N.T.S.

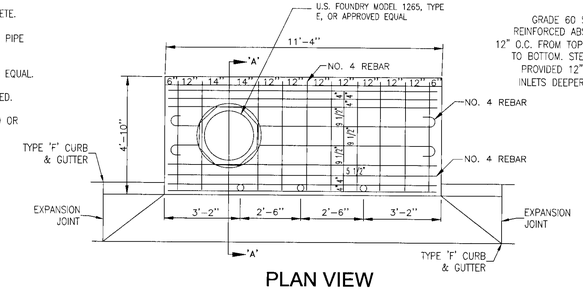
NOTES:

1. MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS WITH 4000 PSI CONCRETE.
2. DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL OF THE PIPE BEING USED.
3. JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC GASKET OR EQUAL.
4. ALL PATCHING TO BE DONE WITH HYDRAULIC CEMENT. NO MORTAR REPAIRS PERMITTED.
5. CONCRETE TO BE 2500 P.S.I., REINFORCING STEEL TO BE A.S.T.M. A 615 GRADE 60 OR PROVIDE PRE-CAST MANHOLE BASE SECTION IN CONFORMANCE WITH ASTMA C-478.
6. CAST IN PLACE MANHOLE MAY BE ALLOWED IN PRE-APPROVED LOCATIONS.



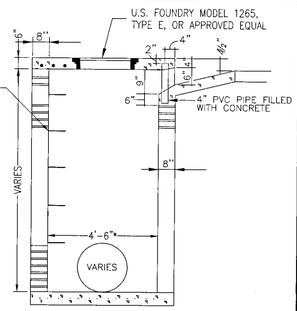
STORMWATER MANHOLE DETAIL

N.T.S.



PLAN VIEW
TYPE "A" CURB INLET DETAIL

N.T.S.

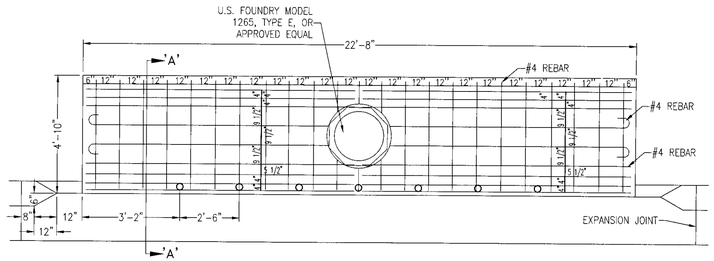


SECTION A-A
TYPE "A" CURB INLET DETAIL

N.T.S

TYPE "A" INLET THROAT ELEVATION

N.T.S



TYPE 'A' INLET (DUAL) PLAN VIEW

N.T.S.

TYPE 'A' INLET (DUAL) THROAT ELEVATION

N.T.S.

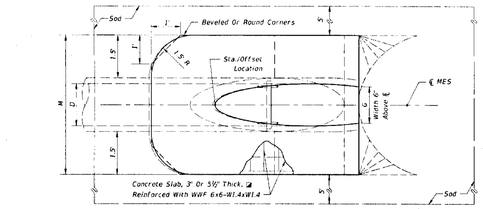
DIMENSIONS AND QUANTITIES																							
	D	X	A	B	C	E	F	G	H ■	M				N	5½" CONCRETE SLAB (CY) ◪				SODDING (SY)				
										Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe		Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	
1:2 Slope	15"	2'-7"	1.92	2.18	4.10'	2.06'	5"	1.22	2.9'	4.63'	7.21'	9.79'	12.37'	1.19'	0.38	0.58	0.77	0.96	21	24	27	30	
	18"	2'-10"	1.97'	2.24	4.21'	2.56'	6'	1.41'	3.4'	4.92'	7.75'	10.58'	13.42'	1.21'	0.44	0.65	0.87	1.09	22	25	28	31	
	24"	3'-5"	2.06'	3.85'	5.91'	3.56'	7"	1.73'	3.4'	5.50'	8.92'	12.33'	15.75'	1.25'	0.54	0.83	1.12	1.42	24	28	32	35	
	30"	4'-2"	2.15'	4.95'	7.10'	4.56'	8"	2.00'	3.4'	6.08'	10.33'	14.58'	18.83'	1.29'	0.66	1.09	1.50	1.91	26	31	35	40	
	36"	5'-1"	2.25'	6.08'	8.33'	5.56'	9"	2.24'	3.4'	6.67'	11.75'	16.83'	21.92'	1.33'	0.81	1.38	1.95	2.51	28	34	39	45	
	42"	6'-0"	2.34'	7.21'	9.55'	6.56'	10"	2.45'	3.4'	7.25'	13.25'	19.25'	25.25'	1.38'	0.97	1.70	2.45	3.19	30	37	43	50	
	48"	6'-9"	2.43'	8.33'	10.76'	7.56'	11'	2.65'	3.4'	7.83'	14.58'	21.33'	28.08'	1.42'	1.13	2.04	2.93	3.84	32	39	47	54	
	54"	7'-8"	2.52'	9.44'	11.96'	8.56'	12'	2.83'	3.4'	8.42'	16.08'	23.75'	31.42'	1.46'	1.31	2.44	3.58	4.72	34	42	51	59	
	60"	8'-6"	2.62'	10.56'	13.18'	9.56'	14'	3.00'	4.4'	9.00'	17.50'	26.00'	34.50'	1.50'	1.51	2.89	4.26	5.68	36	45	55	64	
	66"	9'-3"	2.71'	11.68'	14.39'	10.56'	15'	3.18'	4.4'	9.58'	18.75'	27.92'	37.08'	1.54'	1.68	3.25	4.84	6.43	38	48	58	68	
	72"	10'-0"	2.80'	12.80'	15.60'	11.56'	16'	3.30'	4.4'	10.16'	20.16'	30.16'	40.16'	1.58'	1.89	3.74	5.59	7.45	40	51	62	73	
1:4 Slope	15"	2'-7"	2.27'	4.09'	6.36'	4.03'	8"	1.22'	4.0'	4.63'	7.21'	9.79'	12.37'	1.19'	0.37	0.67	1.15	1.44	23	26	29	32	
	18"	2'-10"	2.36'	5.12'	7.48'	5.03'	9"	1.41'	4.0'	4.92'	7.75'	10.58'	13.42'	1.21'	0.66	0.99	1.31	1.65	25	28	31	35	
	24"	3'-5"	2.53'	7.18'	9.71'	7.03'	11'	1.73'	4.0'	5.50'	8.92'	12.33'	15.75'	1.25'	0.85	1.30	1.75	2.20	28	32	36	40	
	30"	4'-2"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	4.0'	6.08'	10.33'	14.58'	18.83'	1.29'	1.10	1.74	2.39	3.05	31	36	41	46	
	36"	5'-1"	2.87'	11.31'	14.18'	11.03'	15'	2.24'	4.0'	6.67'	11.75'	16.83'	21.92'	1.33'	1.32	2.21	3.08	3.96	34	40	46	52	
	42"	6'-0"	3.05'	13.37'	16.42'	13.03'	17'	2.45'	4.0'	7.25'	13.25'	19.25'	25.25'	1.38'	1.58	2.76	3.93	5.09	38	44	51	58	
	48"	6'-9"	3.22'	15.43'	18.65'	15.03'	19'	2.65'	4.0'	7.83'	14.58'	21.33'	28.08'	1.42'	1.85	3.20	4.53	6.17	41	48	56	63	
	54"	7'-8"	3.39'	17.49'	20.88'	17.03'	21'	2.83'	4.0'	8.42'	16.08'	23.75'	31.42'	1.46'	2.14	3.95	5.77	7.58	44	52	61	69	
	60"	8'-6"	3.56'	19.55'	23.11'	19.03'	23'	3.00'	4.0'	9.00'	17.50'	26.00'	34.50'	1.50'	2.45	4.66	6.87	9.07	47	56	66	75	
	66"	9'-3"	3.73'	21.62'	25.35'	21.03'	25'	3.18'	4.0'	9.58'	18.75'	27.92'	37.08'	1.54'	2.88	5.54	8.18	10.84	49	59	69	80	
	72"	10'-0"	3.91'	23.68'	27.59'	23.03'	27'	3.30'	4.0'	10.16'	20.16'	30.16'	40.16'	1.58'	3.54	6.61	9.67	13.13	52	63	74	85	

◪ See General Note No. 5. See Sheet 5 For 3' Slab Quantities

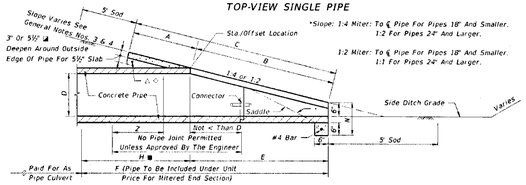
■ Values shown for estimating pipe quantities and are for information only.

B	E	
△ 6.42'	△ 6.25'	Dimensions permitted to allow use of 8' standard pipe lengths.
◇ 10.40'	◇ 10.10'	Dimensions permitted to allow use of 12' standard pipe lengths.

△ ◇ Concrete slab shall be deepened to form bridge across crown of pipe. See section below.



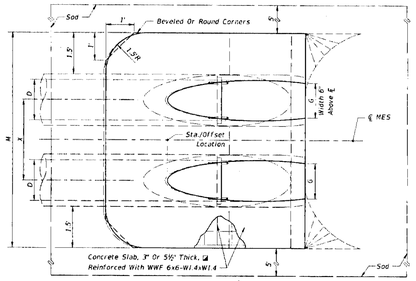
TOP-VIEW SINGLE PIPE



SECTION

*Slope: 1:4 Miter: To ℄ Pipe For Pipes 18" And Smaller. 1:2 For Pipes 24" And Larger.

1:2 Miter: To ℄ Pipe For Pipes 18" And Smaller. 1:1 For Pipes 24" And Larger.

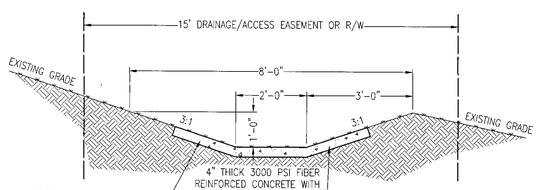


TOP-VIEW MULTIPLE PIPE

NOTE: See sheet 6 for details and notes.

SINGLE AND MULTIPLE ROUND CONCRETE PIPE

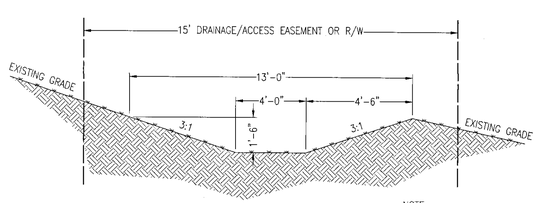
LAST REVISION 11/01/16	REVISION DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	CROSS DRAIN MITERED END SECTION	INDEX NO. 272	SHEET NO. 1 of 6



NOTE: SOLID SOD BOTTOM & SIDES. SIDES TO BE PINNED.

TYPE 2 DITCH DETAIL

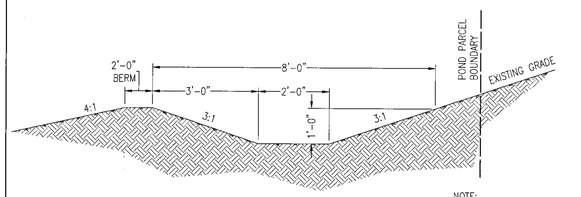
N.T.S.



NOTE: SOLID SOD BOTTOM & SIDES. SIDES TO BE PINNED.

TYPE 1 DITCH DETAIL

N.T.S.



NOTE: SOLID SOD BOTTOM & SIDES. SIDES TO BE PINNED.

TYPE 3 DITCH DETAIL

N.T.S.

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0406 Fax 850.438.0446
EB 0000257

GRADING & DRAINAGE DETAILS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy R. King, P.E. No.76144
1/24/19

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.6
SHEET 22 OF 65

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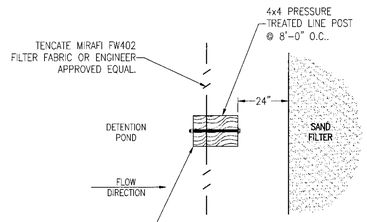
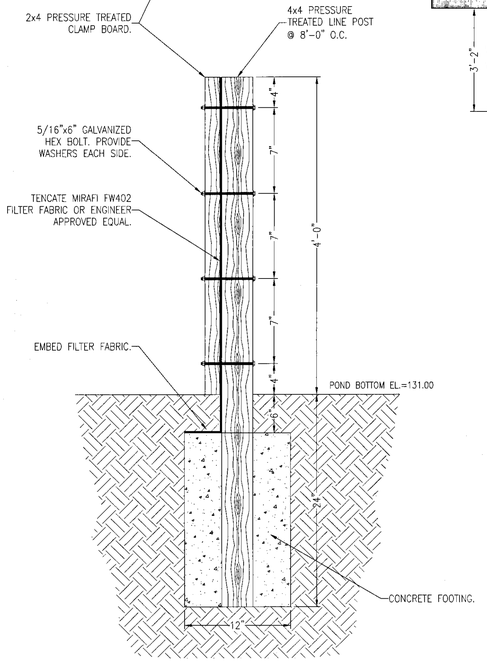
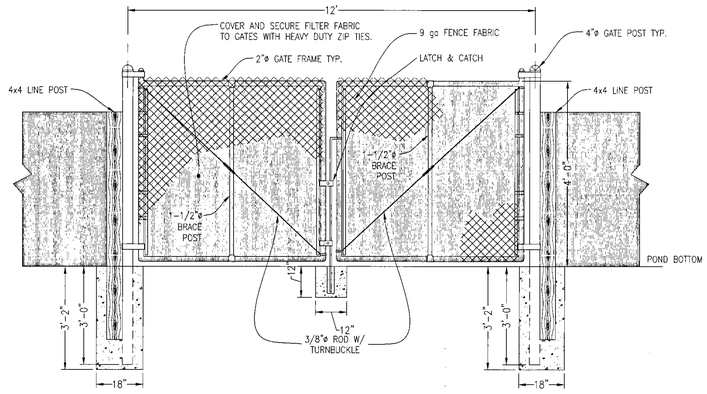


PLAN VIEW



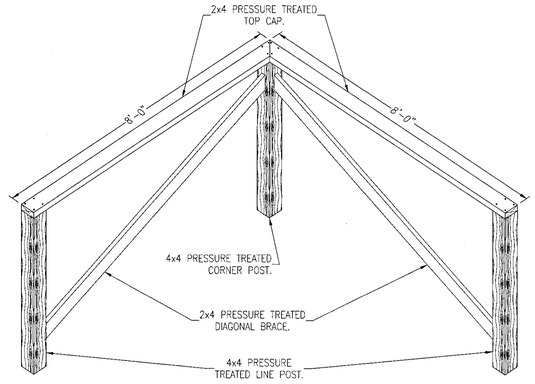
FILTER FABRIC FENCE DETAIL

N.T.S.



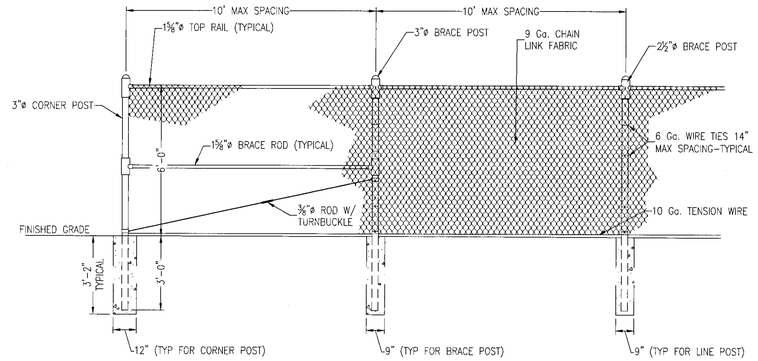
12' SWING GATE DETAIL AT POND SAND FILTER

N.T.S.



FILTER FABRIC FENCE CORNER DETAIL

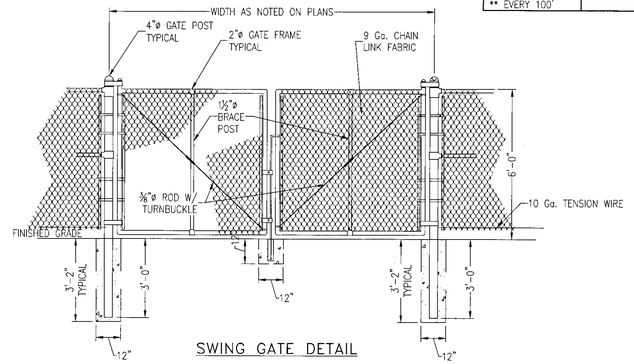
SCALE: NTS



CHAIN LINK FENCE DETAILS

N.T.S.

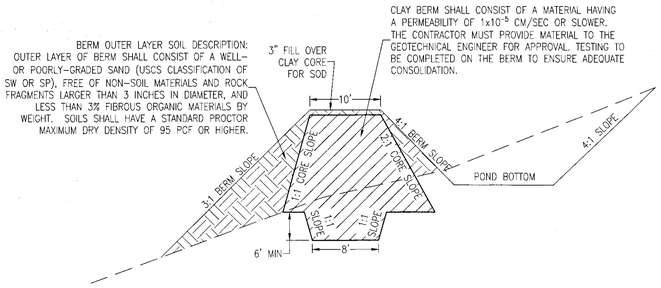
FENCE POST SCHEDULE	
TYPE	SIZE
LINE POST	2½"ø
BRACE POST**	3"ø
CORNER POST	3"ø
GATE POST	4"ø
** EVERY 100'	



SWING GATE DETAIL

CHAIN LINK FENCE DETAILS

N.T.S.

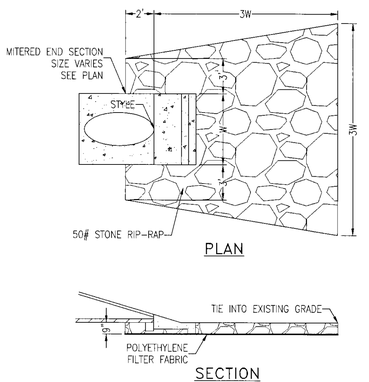


BERM CORE DETAIL

SCALE: NTS

BERM NOTES:

1. CLAY CORE TO BE INSTALLED IN ALL POND BERMS. THE TOP OF THE CORE SHALL EXTEND TO THE TOP ELEVATION INDICATED ON THE SECTIONS.
2. PRIOR TO FILL PLACEMENT AGAINST EXISTING SLOPES, LOOSE SURFICIAL MATERIALS SHOULD BE REMOVED, AND THE SLOPE SHOULD BE BENCHED OR STEPPED TO PROVIDE HORIZONTAL BENCHES FOR COMPACTION, AND TO REDUCE THE POSSIBLE MOVEMENT OF SOIL ALONG THE SLOPE INTERFACE.
3. AFTER COMPLETION OF SUBGRADE PREPARATION AS DESCRIBED IN #2, STRUCTURAL FILL CAN BE PLACED TO BRING THE SITE TO FINAL GRADE. STRUCTURAL FILL SHOULD BE PLACED IN LAYERS NOT EXCEEDING 8 INCHES IN THICKNESS WHEN LOOSE AND SHOULD BE COMPACTED TO A MINIMUM SOIL DENSITY OF AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698). WHERE PORTABLE HAND EQUIPMENT IS REQUIRED, MAXIMUM LIFT THICKNESS SHOULD BE 4 INCHES LOOSE MEASURE. SOIL MOISTURE CONTENT SHOULD BE MAINTAINED WITHIN -2 TO +3 PERCENT OF THE OPTIMUM MOISTURE CONTENT. SCARIFICATION AND BENCHING OF FILL MATERIALS COULD BE REQUIRED TO ADEQUATELY BOND THE FILL MATERIALS TO THE EXISTING SOILS.
4. PRIOR TO PROCEEDING WITH CONSTRUCTION OPERATIONS, THE ENTIRE DAM FOOTPRINT SHOULD BE STRIPPED OF SURFACE AND NEAR SURFACE DEBRIS. IT IS RECOMMENDED THAT CLEARING AND STRIPPING OPERATIONS EXTEND BEYOND THE DOWNSLOPE TOE OF THE NEW DAM SECTION, IF ADJACENT WETLANDS DO NOT LIMIT CONSTRUCTION. THIS OPERATION SHOULD CONSIST OF COMPLETE REMOVAL AND WASTING OF TREES, TOPSOIL, ROOT SYSTEMS, LOOSE SEDIMENT DEPOSITS, AND OTHER NON-SOIL MATERIALS.
5. COORDINATION OF THE SITE AND SUBGRADE PREPARATION WITH THE GEOTECHNICAL ENGINEER DURING BERM CONSTRUCTION IS REQUIRED. THE GEOTECHNICAL ENGINEER WILL MAKE FIELD DECISIONS SHOULD PROBLEMS ARISE IN SPECIFIC AREAS CONCERNING UNDERCUTTING, GROUNDWATER CONTROL, SUBGRADE STABILIZATION AND OTHER REMEDIAL TECHNIQUES. ALL SUBGRADE AREAS SHOULD BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO FILL PLACEMENT.



PLAN

SECTION

RIP-RAP DETAIL

N.T.S.

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.435.0446 Fax 850.435.0448
EB 0029587

GRADING & DRAINAGE DETAILS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
LICENSE No. 76144 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jeremy R. Kiho, P.E. No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C3.7
SHEET 23 OF 65

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LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING GRAVEL
- EXISTING DIRT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- WETLAND
- 25' WETLAND BUFFER
- 30' MERS LINE
- PROPOSED ADDITIONAL WETLAND BUFFER
- 100 — EXISTING CONTOUR
- 100 — PROPOSED CONTOUR
- BENCHMARK
- FLOW ARROW
- 100.00 — PROPOSED SPOT ELEVATION

GRADING & DRAINAGE NOTES:

1. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION(S).

2. NOTIFY SUNSHINE 811 A MINIMUM OF 72 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RIGHT-OF-WAY. (CALL – 811)

3. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION.

4. ALL DISTURBED AREAS WHICH ARE NOT SODDED OR PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER, AND MULCH AND/OR HYDROSEED. SEEDED AREAS SHALL INCLUDE A BAHIA MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS. SEED IN ACCORDANCE WITH FDOT SECTION 570 AND STANDARD INDEX 105

5. DEVELOPER/CONTRACTOR/HOME OWNER'S ASSOCIATION SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND AT THE END OF THE 2-YEAR WARRANTY PERIOD.

6. ON SITES > 1 ACRE, IF > CONTIGUOUS ACRE IS CLEARED, A GROUND COVER SUFFICIENT TO PREVENT EROSION SHOULD BE PLANTED OR OTHERWISE STABILIZED WITHIN 10 WORKING DAYS ON THAT PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION WILL NOT BE UNDERTAKEN WITHIN 90 DAYS.

7. TO COMPLY WITH NPDES REQUIREMENTS, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH ½" RAINFALL OR AT LEAST WEEKLY. THE CONTRACTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL MAINTENANCE EFFORTS; INSPECTION RECORDS SHALL BE PROVIDED TO THE NPDES PERMIT APPLICANT FOR PROPER REPORTING TO FDEP/NWFWMD.

8. A HEALTHY GROWTH OF GRASS WITHIN DISTURBED RIGHT-OF-WAY AREAS IS REQUIRED PRIOR TO COUNTY APPROVAL/ACCEPTANCE (RIGHT-OF-WAY TO REMAIN PRIVATE). IF TIME CONSTRAINTS EXIST DURING THE FINAL PLAT APPROVAL AND ACCEPTANCE PROCESS, A MINIMUM OF TWO STRIPS OF SOD (MINIMUM 2' WIDE) BEHIND THE BACK OF CURB WITH ALL OTHER DISTURBED AREAS SEEDED/MULCHED/FERTILIZED WILL BE ACCEPTABLE.

9. ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.

10. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN COUNTY ACCEPTANCE OF IMPROVEMENTS.

11. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO COUNTY ACCEPTANCE OF IMPROVEMENTS.

12. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
13. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS (595-3434). AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.

14. THE PROJECT ENGINEER SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER
15. THE OWNER/CONTRACTOR SHALL COORDINATE ANY ANTICIPATED COMMENCEMENT OF CONSTRUCTION WITH THE ENGINEER OF RECORD. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE CONSTRUCTION COMMENCEMENT NOTICE FORM 62-330.350(1).

16. UPON SUBSTANTIAL COMPLETION, THE OWNER/CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD. THE ENGINEER OF RECORD IS RESPONSIBLE FOR INSPECTION OF THE PERMITTED FACILITY FOR COMPLIANCE WITH THE APPROVED PERMIT. THE ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR SUBMITTING THE 'AS BUILT CERTIFICATION AND REQUEST FOR CONVERSION TO OPERATIONAL PHASE FOR 62-330.310(1) WITHIN 30 DAYS AFTER WORK IS DEEMED COMPLETE.

17. THE OPERATION AND MAINTENANCE OF THE FACILITY WILL BE THE RESPONSIBILITY OF THE OWNER, AS IN ACCORDANCE WITH THE APPROVED PERMIT.

18. ELECTRIC/PHONE/CABLE/GAS STRUCTURES INSTALLED WITHIN DRAINAGE ACCESS EASEMENTS SHALL BE LOCATED ALONG THE BOUNDARY OF THE EASEMENT TO MAXIMIZE CLEAR ACCESS FOR MAINTENANCE EQUIPMENT.

19. MINIMUM ONE (1) FOOT GROUND COVER IS REQUIRED FOR ALL UNDERGROUND PIPES.

20. RIGHT-OF-WAY SHOULDER STABILIZATION SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

21. CONTRACTOR SHALL NOTIFY EOR OF ANY PERCHED GROUNDWATER ENCOUNTERED ON SITE. THE PRESENCE OF PERCHED GROUNDWATER MAY NECESSITATE THE INSTALLATION OF ROADSIDE UNDERDRAINS.

22. CONTRACTOR SHALL INSTALL UNDERDRAINS TO INTERCEPT PERCHED GROUNDWATER ENTERING PONDS THROUGH THE SIDE SLOPES. IN THE EVENT A STABILIZED PERMANENT GROUNDWATER TABLE IS ENCOUNTERED DURING POND EXCAVATION, THE CONTRACTOR SHALL NOTIFY EOR AND A MODIFICATION TO POND DESIGN SHALL BE SUBMITTED TO THE NWFWMD.

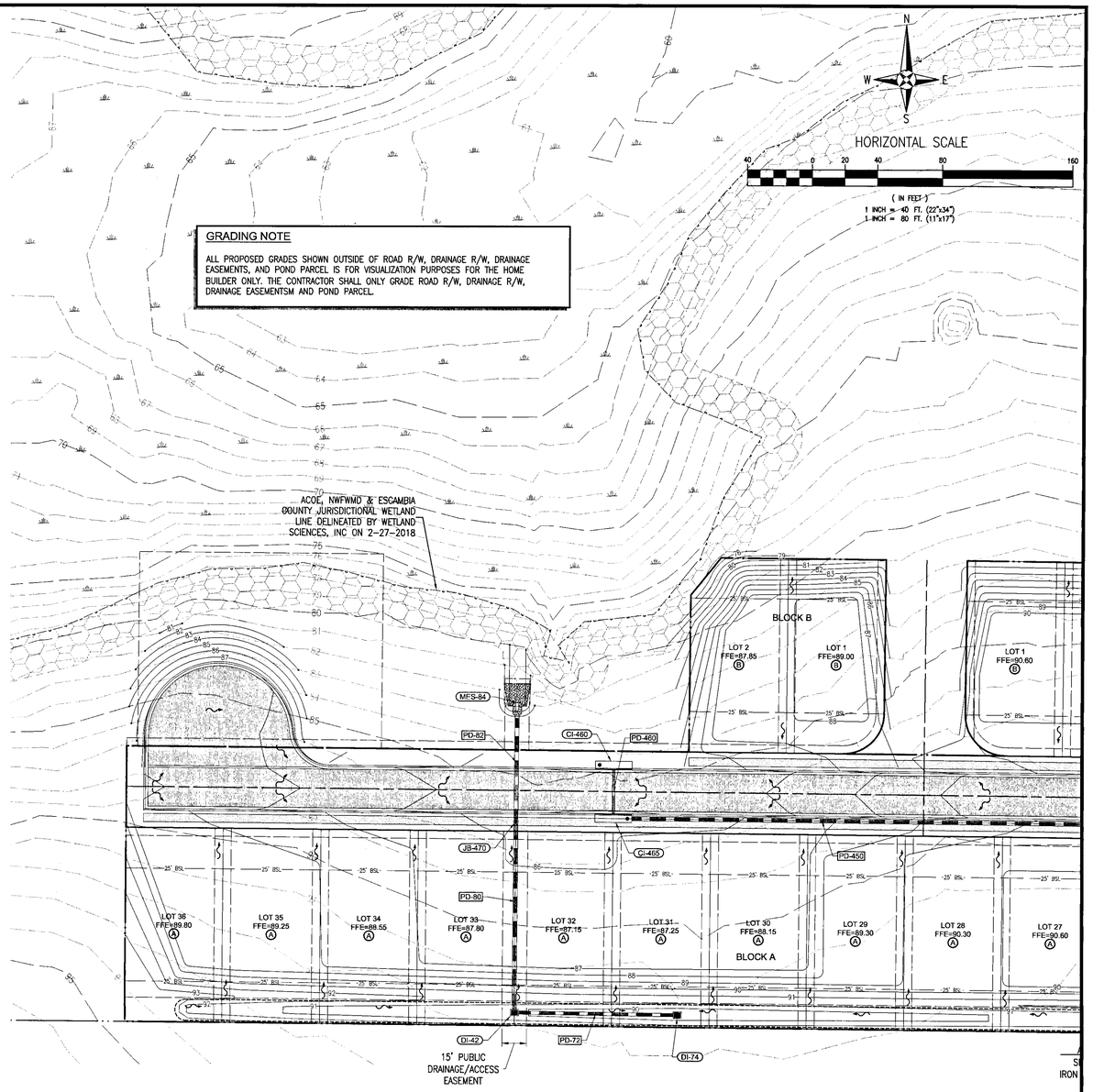
23. CONVEYANCE SWALES SHALL BE BUILT BY THE CONTRACTOR AND SIDE YARD SWALES SHALL BE BUILT BY THE HOME BUILDER.

24. HOME EQUIPMENT (I.E. A/C UNITS) SHALL NOT HINDER THE PROPER INSTALLATION AND/OR FUNCTION OF THE SIDE YARD SWALES.

25. FOUNDATIONS OTHER THAN SLAB ON GRADE OR RETAINING WALLS BY HOME BUILDER MAY BE REQUIRED.

ADDITIONAL RESPONSIBILITIES OF HOMEBUILDER:

1. SIDE YARD SWALES SHALL BE BUILT BY HOMEBUILDER. ALL OTHER DITCHES AND SWALES SHALL BE BUILT BY THE CONTRACTOR.
2. HOME EQUIPMENT (I.E. AC UNITS) SHALL NOT HINDER THE PROPER INSTALLATION AND/OR FUNCTION OF SIDE YARD SWALES.
3. DISTURBED RIGHT-OF-WAY AREAS SHALL BE STABILIZED WITH A HEALTHY GROWTH OF GRASS PRIOR TO RECEIVING COUNTY ACCEPTANCE.
4. DISTURBED LOT AREAS SHALL BE COMPLETELY STABILIZED WITH SOD.
5. THE HOMEBUILDER SHALL COMPLY WITH THE STATE PERMITTING REQUIREMENTS FOR LARGE AND SMALL CONSTRUCTION SITES, SPECIFICALLY THE NPDES PERMIT WHICH REQUIRES A DETAILED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BEING AVAILABLE ONSITE FOR REVIEW DURING ALL PHASES OF CONSTRUCTION.
6. ALL NEW ROOF RUNOFF, DOWNSPOUTS, AND GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO THE ROADS OR SWALES THAT LEAD TO THE RETENTION POND IN ACCORDANCE WITHE THE LOT GRADING PLAN.
7. 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.
8. NO FENCES SHALL BE CONSTRUCTED IN PUBLIC DRAINAGE/ACCESS EASEMENTS OR RIGHTS-OF-WAYS.
9. FENCE INSTALLATION SHALL NOT IMPEDE STORMWATER FLOWS.
10. BUILDING SETBACKS:
    FRONT = 20'
    SIDE = 10% OF LOT WIDTH
    REAR = 15'
11. STEM WALL FOUNDATIONS OR RETAINING WALLS MAY BE REQUIRED TO COMPLY WITH LOT GRADING PLAN. ANY RETAINING WALL TALLER THAN 2-FT SHALL BE PERMITTED THROUGH THE BUILDING INSPECTION DEPARTMENT PRIOR TO CONSTRUCTION.
12. ALL NATURAL VEGETATION LOCATED WITHIN THE DESIGNATED GREEN BELT AREAS SHALL REMAIN UNDISTURBED. REMOVAL OF THIS VEGETATION IS PROHIBITED.



REBOL-BATTLE & ASSOCIATES
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EB 0009657

NEIGHBORHOOD GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL

NOT FOR CONSTRUCTION

REGISTERED ENGINEER — JEREMY R. KING — No. 76144 — STATE OF FLORIDA

Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C3.8
SHEET 24 OF 65

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LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING GRAVEL
- EXISTING DIRT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- WETLAND
- 25' WETLAND BUFFER
- 30' MERS LINE
- PROPOSED ADDITIONAL WETLAND BUFFER
- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR
- BENCHMARK
- FLOW ARROW
- 100.00 PROPOSED SPOT ELEVATION

GRADING NOTE

ALL PROPOSED GRADES SHOWN OUTSIDE OF ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTS, AND POND PARCEL IS FOR VISUALIZATION PURPOSES FOR THE HOME BUILDER ONLY. THE CONTRACTOR SHALL ONLY GRADE ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTSM AND POND PARCEL.

N W E S

HORIZONTAL SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT. (22"x34")
1 INCH = 80 FT. (11"x17")

ACOE, NWFWMD & ESCAMBIA COUNTY JURISDICTIONAL WETLAND LINE DELINEATED BY WETLAND SCIENCES, INC ON 2-27-2018

PARCEL E
PUBLIC DRY STORMWATER POND
2.69 ACRES

PARCEL D
COMMON AREA
PRIVATE
0.08 ACRES

PARCEL C
PUBLIC DRAINAGE R/W
0.17 ACRES

5' PRIVATE DRAINAGE EASEMENT TYP OF ALL

5' PUBLIC DRAINAGE/ACCESS EASEMENT

15' PUBLIC DRAINAGE/ACCESS EASEMENT

BLOCK C

LOT 1 FFE=90.60 B
LOT 2 FFE=90.55 B
LOT 3 FFE=90.35 B
LOT 4 FFE=90.00 B
LOT 5 FFE=89.65 B
LOT 6 FFE=89.30 B

LOT 7 FFE=76.50 A
LOT 18 FFE=87.90 A
LOT 19 FFE=85.45 A
LOT 20 FFE=87.35 A
LOT 21 FFE=88.45 A
LOT 22 FFE=89.15 A
LOT 23 FFE=89.50 A
LOT 24 FFE=89.90 A
LOT 25 FFE=90.25 A
LOT 26 FFE=90.60 A
LOT 27 FFE=90.60 A

LOT 16 FFE=92.25 A
LOT 17 FFE=91.45 A
LOT 14 FFE=93.90 A
LOT 15 FFE=93.00 A
LOT 13 FFE=94.60 A

LOT 8 FFE=89.20 C
LOT 9 FFE=89.80 C
LOT 7 FFE=88.30 C
LOT 6 FFE=87.05 C
LOT 5 FFE=85.70 C
LOT 4 FFE=84.70 C
LOT 3 FFE=85.00 C
LOT 2 FFE=84.00 C
LOT 1 FFE=83.85 C

BLOCK D

LOT 9 FFE=89.90 B
LOT 8 FFE=90.65 B
LOT 7 FFE=91.55 B
LOT 6 FFE=92.40 B
LOT 5 FFE=93.00 B

LOT 10 FFE=85.90 A
LOT 11 FFE=85.85 A
LOT 12 FFE=86.65 A
LOT 13 FFE=85.35 C

LOT 13

AERIAL TARGET No. 9
SET 1/2" DIA CAPPED IRON ROD (LB No. 7916)
ELEVATION: 92.70

92.50

MES-42 PD-42 JB-40 PD-40 CI-320 MES-30 PD-320 CI-325 PD-30 CI-495 PD-495 JB-497 PD-497 CI-497 PD-335 CI-335 PD-485 CI-480 JB-485 PD-480 JB-467 PD-455 PD-475 CI-475 CI-120 PD-125 MES-34 PD-34 DI-32 PD-32 MES-20 PD-20 DI-22 PD-22 DI-24 CI-340 PD-340 JB-345 PD-345 PD-140 CI-140 CI-135 PD-135 CI-150 PD-150 PD-220 CI-220 PD-215 CI-215 PD-210 PD-24 DI-26 PD-26 DI-28 PD-60 CI-155 PD-165 CI-165 CI-170

RBA
REBOL-BATTLE & ASSOCIATES
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NEIGHBORHOOD GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 76144
STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.9
SHEET 25 OF 65

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AERIAL TARGET No. 9
SET 1/2" DIA CAPPED
IRON ROD (LB No. 7916)
ELEVATION: 92.70

15' PUBLIC DRAINAGE/ACCESS EASEMENT

N
W E
S

HORIZONTAL SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT. (22"x34")
1 INCH = 80 FT. (11"x17")

LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING GRAVEL
- EXISTING DIRT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- WETLAND
- 25' WETLAND BUFFER
- 30' MERS LINE
- PROPOSED ADDITIONAL WETLAND BUFFER
- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR
- BENCHMARK
- FLOW ARROW
- 100.00 PROPOSED SPOT ELEVATION

LOT 14 FFE=93.90 (A)
LOT 6 FFE=92.40 (B)
LOT 12 FFE=86.65 (A)
LOT 13 FFE=94.60 (A)
LOT 5 FFE=93.00 (B)
LOT 13 FFE=87.45 (A)
LOT 13 FFE=85.35 (C)
LOT 12 FFE=94.95 (B)
LOT 4 FFE=93.75 (B)
LOT 14 FFE=88.25 (A)
LOT 12 FFE=86.35 (C)
LOT 11 FFE=95.25 (B)
LOT 3 FFE=94.30 (B)
LOT 11 FFE=87.55 (C)
LOT 15 FFE=89.05 (A)
LOT 2 FFE=94.80 (B)
LOT 10 FFE=95.45 (B)
LOT 1 FFE=95.30 (B)
LOT 16 FFE=90.25 (A)
LOT 10 FFE=89.80 (C)
LOT 9 FFE=95.60 (B)
LOT 17 FFE=91.40 (A)
LOT 9 FFE=89.55 (C)
LOT 8 FFE=95.80 (B)
LOT 18 FFE=93.00 (A)
LOT 8 FFE=90.30 (C)
LOT 7 FFE=96.00 (B)
LOT 6 FFE=96.25 (B)
LOT 6 FFE=91.85 (C)
LOT 5 FFE=96.45 (B)
LOT 5 FFE=92.60 (C)
LOT 4 FFE=96.65 (B)
LOT 1 FFE=96.25 (A)
LOT 2 FFE=94.95 (A)
LOT 3 FFE=94.15 (A)
LOT 4 FFE=93.35 (C)
LOT 3 FFE=96.85 (B)
LOT 2 FFE=97.20 (B)
LOT 1 FFE=98.00 (B)

BLOCK A
BLOCK F
BLOCK E FFE=91.05 (C)

PARCEL A
AMENITIES AREA/
MAIL KIOSK
PRIVATE
0.67 ACRES

PARCEL B
15' PUBLIC DRAINAGE R/W
0.34 ACRES

5' PRIVATE
DRAINAGE EASEMENT
TYP OF ALL

CI-220, PD-215, CI-215, CI-165, PD-165, CI-170, PD-170, MES-175, PD-210, CI-210, CI-125, PD-125, CI-120, PD-120, PD-117, JB-117, PD-115, PD-112, CI-115, CI-112, PD-205, CI-205, PD-208, CI-200, PD-105, PD-100, CI-105, CI-100

GRADING NOTE

ALL PROPOSED GRADES SHOWN OUTSIDE OF ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTS, AND POND PARCEL IS FOR VISUALIZATION PURPOSES FOR THE HOME BUILDER ONLY. THE CONTRACTOR SHALL ONLY GRADE ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTSM AND POND PARCEL.

AERIAL TARGET No. 2
SANITARY SEWER MANHOLE
ELEVATION: 95.64

PADDOCK WAY
50' PUBLIC R/W

STEEPLECHASE BOULEVARD
50' PUBLIC R/W

ACOE, NWFWMD & ESCAMBIA COUNTY JURISDICTIONAL WETLAND LINE DELINEATED BY WETLAND SCIENCES, INC ON 2-27-2018

REBOL-BATTLE & ASSOCIATES
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NEIGHBORHOOD GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.10
SHEET 26 OF 65

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LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING GRAVEL
- EXISTING DIRT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- WETLAND
- 25' WETLAND BUFFER
- 30' MERS LINE
- PROPOSED ADDITIONAL WETLAND BUFFER
- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR
- BENCHMARK
- FLOW ARROW
- 100.00 PROPOSED SPOT ELEVATION

N
W E
S

HORIZONTAL SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT. (22"x34")
1 INCH = 80 FT. (11"x17")

ACOE, NWFWMD & ESCAMBIA COUNTY JURISDICTIONAL WETLAND LINE DELINEATED BY WETLAND SCIENCES, INC ON 2-27-2018

EXISTING STORMWATER POND

DI-28

15' PUBLIC DRAINAGE/ACCESS EASEMENT

LOT 1
FFE=83.85

AERIAL TARGET No. 1
SANITARY SEWER MANHOLE
ELEVATION: 65.49

DURB INLET
TOP=65.15'
INVERT=59.36'

117+00

117+75.95

GRADING NOTE

ALL PROPOSED GRADES SHOWN OUTSIDE OF ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTS, AND POND PARCEL IS FOR VISUALIZATION PURPOSES FOR THE HOME BUILDER ONLY. THE CONTRACTOR SHALL ONLY GRADE ROAD R/W, DRAINAGE R/W, DRAINAGE EASEMENTSM AND POND PARCEL.

ZONE X

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NEIGHBORHOOD GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA LICENSED PROFESSIONAL ENGINEER
No. 76144
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C3.11
SHEET 27 OF 65

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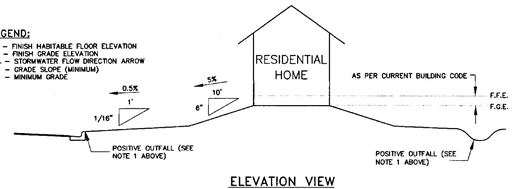
MINIMUM STANDARDS FOR TYPICAL RESIDENTIAL GRADING CONTROL PLAN

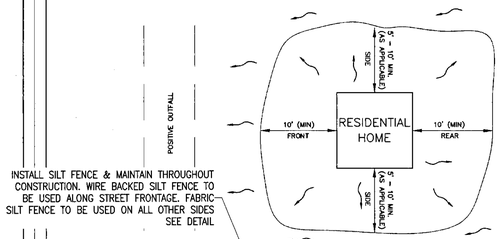
NOTES:

1. A POSITIVE DRAINAGE OUTFALL IS A CONVEYANCE SYSTEM (DRAINAGE 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 HOMEBUILDER SHALL COMPLY WITH STATE PERMITTING REQUIREMENTS FOR LARGE AND SMALL CONSTRUCTION SITES, SPECIFICALLY THE NPDES PERMITS WHICH REQUIRES 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 SILT FENCING AND BURIED HAYBALE SYSTEMS (DOUBLE ROWS AS NECESSARY).

LEGEND:
F.F.E. - FINISH HABITABLE FLOOR ELEVATION
F.G.E. - FINISH GRADE ELEVATION
- STORMWATER FLOW DIRECTION ARROW
- GRADE SLOPE (MINIMUM)
- MINIMUM GRADE



ELEVATION VIEW

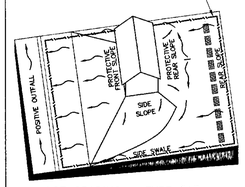


PLAN VIEW

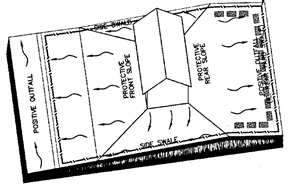
INSTALL SILT FENCE & MAINTAIN THROUGHOUT CONSTRUCTION. WIRE BACKED SILT FENCE TO BE USED ALONG STREET FRONTAGE. FABRIC SILT FENCE TO BE USED ON ALL OTHER SIDES SEE DETAIL

INSTALL SILT FENCE & MAINTAIN THROUGHOUT CONSTRUCTION. WIRE BACKED SILT FENCE TO BE USED ALONG STREET FRONTAGE. FABRIC SILT FENCE TO BE USED ON ALL OTHER SIDES SEE DETAIL

L HAY BALES AND MAINTAIN GHOUT TOWNHOME. RUCTION. SEE DETAIL



LOT GRADING ~ TYPE "A"
ALL DRAINAGE TO STREET



LOT GRADING ~ TYPE "B"
DRAINAGE TO STREET & TO REAR LOT LINE

NOTE: VARIATIONS IN GRADING ARE ACCEPTABLE IF GRADING DRAINS TO A POSITIVE OUTFALL.

REVISED SEPT. 15, 2009

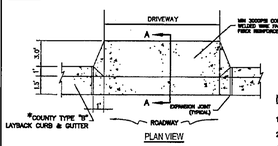
L:\Design_Land\ENGINEERING DETAILS\DETAILS SHEETS\DRIVEWAY_LOT_GRADING_DETAILS_SEPT. 09.dwg

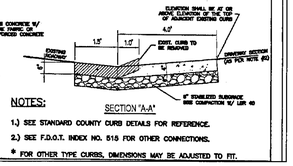
TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS

NOTES:

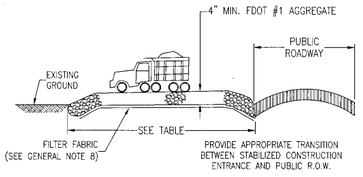
1) ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
2) DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1 – 1½" ASPHALT WITH 6" STABILIZED SUB GRADE OR 4" TO 6" CONCRETE WITH 4" STABILIZED SUB GRADE – 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE OF ROADWAY AND R/W LINE. COMPACTION AND TESTING IF NECESSARY, THIS WILL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR.
3) DRIVEWAYS ABUTTING A DIRT ROAD SHALL BE MILLED ASPHALT, GRADED AGGREGATE BASE, OR WASHED CONCRETE (4" IN DEPTH) ON THE COUNTY MAINTAINED PORTION OF DRIVEWAY.
4) IF NECESSARY, REFER TO FDOT INDEX DETAILS AS REFERENCED BELOW.
5) RADIUS OR FLARE IS REQUIRED FOR TYPE II OR TYPE III CONNECTIONS. SEE DETAIL.
6) PARKING SPACES WITHIN COUNTY RIGHT-OF-WAY SHALL PROVIDE A MINIMUM OF 2 PARKING SPACES.
7) TYPICAL DRIVEWAY SECTIONS ARE TO BE 12' WIDE MINIMUM.

TYPE I CURB CUT DRIVEWAY FOR COUNTY TYPE "B" LAYBACK CURBS.





NOTES:
1.) SEE STANDARD COUNTY CURB DETAILS FOR REFERENCE.
2.) SEE F.D.O.T. INDEX NO. 515 FOR OTHER CONNECTIONS.
* FOR OTHER TYPE CURBS, DIMENSIONS MAY BE ADJUSTED TO FIT.

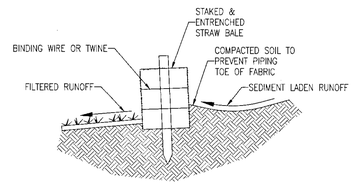


STABILIZED CONSTRUCTION ENTRANCE TABLE

LENGTH	LOCATION
50'	ENTRANCES TO NEW SUBDIVISION
20'	INDIVIDUAL RESIDENTIAL LOTS

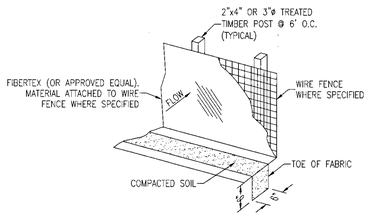
12' WIDE STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.



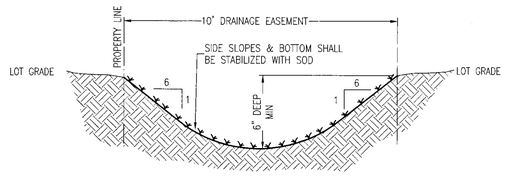
STRAW BALE DETAIL

N.T.S.



SILT FENCE DETAIL

N.T.S.



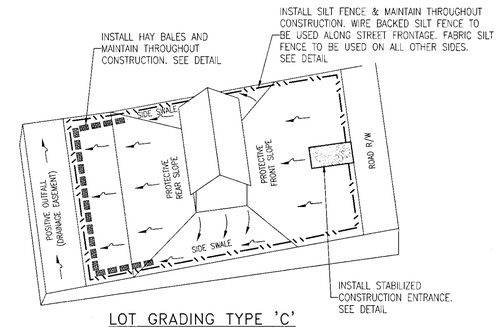
NOTES:
1. SIDE YARD SWALES SHALL BE BUILT BY THE HOMEBUILDER.

2. HOME EQUIPMENT (I.E. AC UNITS) SHALL NOT HINDER THE PROPER INSTALLATION AND/OR FUNCTION OF THE SIDE YARD SWALES.

3. ALL NEW ROOF RUNOFF, DOWNSPOUTS, AND GUTTERS, SHALL BE ROUTED TO CARRY ALL STORMWATER TO THE ROADS OR SWALES THAT LEAD TO THE RETENTION POND IN ACCORDANCE WITH LOT GRADING PLAN.

TYPICAL PRIVATE 10' DRAINAGE EASEMENT SWALE

N.T.S



LOT GRADING TYPE 'C'

THE MAJORITY OF THE LOT SHALL SLOPE TO THE DRAINAGE EASEMENT AT THE REAR OF THE LOT INSTEAD OF THE STREET

NOTE: VARIATIONS IN GRADING ARE ACCEPTABLE IF GRADING DRAINS TO A POSITIVE OUTFALL.

MAXIMUM LOT SURFACE COVERAGE

ALL RESIDENTIAL LOTS	3,750 SF (HOUSE & DRIVEWAY)
AMENITY SITE	24,750 SF

TOTAL IMPERVIOUS SURFACE

TOTAL NEW INFRASTRUCTURE	166,979 SF (ROADWAY, SIDEWALK, CURB)
TOTAL IMPERVIOUS AREA FOR POST DEVELOPMENT CONDITIONS	549,479 SF (NEW INFRASTRUCTURE, LOTS)

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EB 0005897

NEIGHBORHOOD GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. Kingston
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C3.12
SHEET 28 OF 65

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UTILITY NOTES:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES AND TO DETERMINE IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK AND TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION.

2. THE CONTRACTOR SHALL COORDINATE WITH ECUA, GULF POWER, OR ANY OTHER UTILITY COMPANIES HAVING JURISDICTION FOR REMOVAL/RELOCATION AND/OR PROTECTION OF EXISTING UTILITY POLES, AERIAL LINES, FIRE HYDRANTS, AND OTHER UTILITIES AS NECESSARY TO COMPLETE CONSTRUCTION.

3. ALL NEW WATER LINES SHALL BE CLEANED, DISINFECTED, PRESSURE TESTED, AND BACTERIOLOGICALLY CLEANED FOR SERVICE IN ACCORDANCE WITH THE LATEST AWWA STANDARDS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION RULES AND REGULATIONS.

4. ALL WATER MAINS SHALL BE NSF APPROVED FOR POTABLE WATER USE.

5. MAINTAIN 18 INCH MINIMUM VERTICAL SEPARATION BETWEEN ALL POTABLE WATER MAINS AND SANITARY SEWER GRAVITY LINES. (WATER ABOVE SEWER).

6. THE TOP OF ALL CLEANOUTS SHALL BE FLUSH WITH THE PAVEMENT OR, WHEN NOT IN THE PAVEMENT, FLUSH WITH THE FINISH GRADE. CONNECTION POINTS FOR UTILITIES SHALL BE CLEARLY MARKED FOR FUTURE BUILDING CONNECTION. COORDINATE WITH THE PLUMBING CONTRACTOR.

7. ALL SEWER WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ECUA ENGINEERING MANUAL.

8. ADEQUATE PROVISIONS SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.

9. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES 72 HOURS (3 BUSINESS DAYS) PRIOR TO BEGINNING CONSTRUCTION.

10. ALL NEW WATER AND SEWER SERVICE LINES SHALL HAVE A MINIMUM COVER OF 30 INCHES (MAXIMUM 36"), UNLESS OTHERWISE NOTED.

11. THE CONTRACTOR IS TO RESTORE ALL DISTURBED RIGHTS-OF-WAY IN ACCORDANCE WITH ESCAMBIA COUNTY AND THE ECUA GUIDELINES.

12. THE CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTOR FOR BUILDING UTILITY CONNECTIONS.

13. ALL CONNECTIONS TO THE ECUA SEWER SYSTEM SHALL BE MADE WITH ECUA PERSONNEL PRESENT. ALL CONNECTIONS TO THE FARM HILL WATER SYSTEM SHALL BE MADE WITH FARM HILL UTILITIES PERSONNEL PRESENT.

14. ANY REMOVAL OR RELOCATION OF ECUA WATER/SEWER UTILITIES MUST BE APPROVED IN WRITING PRIOR TO THE WORK BEING DONE.

15. A MINIMUM ONE (1) FOOT GROUND COVER IS REQUIRED FOR ALL UNDERGROUND PIPES

16. ELECTRIC/PHONE/CABLE/GAS STRUCTURES INSTALLED WITHIN DRAINAGE ACCESS EASEMENTS SHALL BE LOCATED ALONG THE BOUNDARY OF THE EASEMENT TO MAXIMIZE CLEAR ACCESS FOR MAINTENANCE EQUIPMENT.

17. ALL CROSSINGS UNDER EXISTING COUNTY ROADS SHALL BE DONE BY JACK AND BORE METHOD. OPEN CUTTING OF COUNTY ROADS IS PROHIBITED.

18. ROUGH GRADE OF RIGHT-OF-WAY MUST BE ESTABLISHED PRIOR TO COMMON TRENCH UTILITY INSTALLATION TO ENSURE UTILITIES ARE INSTALLED AT PROPER DEPTHS. THE MINIMUM COVER DIMENSION SHALL BE MEASURED FROM THE PROPOSED GRADE IF ROAD IS IN FILL AND MEASURED FROM TOP OF CURB IF FUTURE ROAD IS IN CUT.

19. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AT LEAST TWO WEEKS PRIOR TO PLACEMENT OF BASE MATERIAL TO ASSIST IN THE COORDINATION OF ALL OTHER UNDERGROUND UTILITIES.

20. FORCE MAIN LOCATED IN RIGHT-OF-WAY & UTILITY EASEMENTS SHALL BE MAINTAINED BY ECUA.

21. ALL LONG SERVICES SHALL BE ENCASED.

22. ALL WATER SERVICE CURB STOPS & CORP STOPS MUST BE FORD. CURB STOPS MUST UTILIZE GRIP JOINT NUTS. (NO PACK JOINT NUTS).

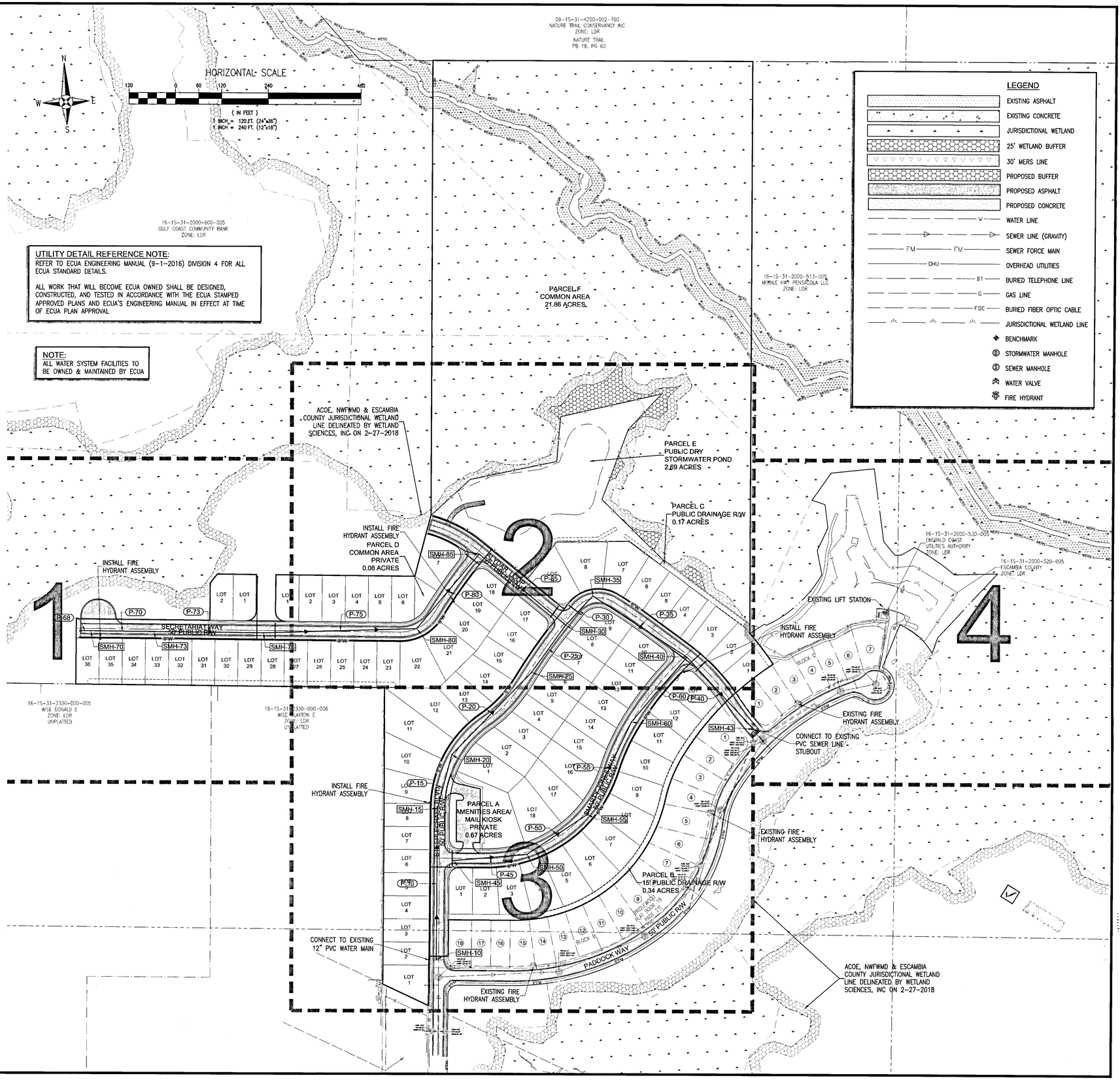
23. ALL PROPOSED UNDERGROUND UTILITIES WITHIN R/W OR UTILITY CONDUIT FOR ROAD CROSSINGS SHALL BE INSTALLED PRIOR TO PAVING. NO STREETS OR ROADS UNDER THE TWO (2) YEAR WARRANTY WILL BE ALLOWED TO BE OPEN CUT OR JACK AND BORED UNLESS SPECIFICALLY APPROVED BY THE COUNTY ENGINEER. TO ACCOMPLISH THIS REQUIREMENT, COMMON TRENCHING IS REQUIRED WHENEVER POSSIBLE. IF COMMON TRENCHING IS NOT A FEASIBLE OPTION, THE DEVELOPER SHALL INSTALL CONDUIT FOR THE UTILITY NOT PARTICIPATING IN THE COMMON TRENCHING FOR ALL ROAD CROSSINGS AND UTILITY COMPANY WILL BE REQUIRED TO USE THE CONDUIT. THIS SHALL REQUIRE PLANNING BETWEEN THE DEVELOPER AND THE UTILITY.

SEWER MANHOLE TABLE

NAME	TOP ELEVATION	INVERTS
SMH-10 SEWER MANHOLE	95.19	INV=89.00 (P-10)
SMH-15 SEWER MANHOLE	93.85	INV=87.33 (P-15) INV=87.43 (P-10)
SMH-20 SEWER MANHOLE	93.34	INV=86.74 (P-15) INV=86.64 (P-20)
SMH-25 SEWER MANHOLE	90.68	INV=84.50 (P-20) INV=83.40 (P-25)
SMH-30 SEWER DROP MANHOLE MANHOLE SHALL BE LINED	88.52	INV=81.50 (P-25) INV=71.72 (P-30) INV=71.82 (P-85)
SMH-35 SEWER MANHOLE MANHOLE SHALL BE LINED	86.96	INV=71.17 (P-30) INV=71.07 (P-35)
SMH-40 DROP SEWER MANHOLE	82.63	INV=76.00 (P-60) INV=69.91 (P-35) INV=69.81 (P-40)
SMH-43 SEWER MANHOLE	70.74	INV=61.50 (P-40)
SMH-45 SEWER MANHOLE	93.80	INV=88.00 (P-45)
SMH-50 SEWER MANHOLE	91.26	INV=85.59 (P-45) INV=85.49 (P-50)
SMH-55 SEWER MANHOLE	88.77	INV=83.19 (P-50) INV=83.09 (P-55)
SMH-60 SEWER MANHOLE	85.33	INV=79.15 (P-55) INV=79.05 (P-60)
SMH-70 SEWER MANHOLE	87.72	INV=77.89 (P-68) INV=77.79 (P-70)
SMH-73 SEWER MANHOLE	85.76	INV=77.14 (P-70) INV=77.04 (P-73)
SMH-75 SEWER MANHOLE	87.57	INV=75.90 (P-73) INV=75.80 (P-75)
SMH-80 SEWER MANHOLE	86.87	INV=74.20 (P-75) INV=74.10 (P-80)
SMH-85 SEWER MANHOLE MANHOLE SHALL BE LINED	78.85	INV=72.98 (P-85) INV=73.08 (P-80)

PIPE TABLE

Pipe Name	Length	Size	Slope
P-10	393'	8" PVC	0.40%
P-15	143'	8" PVC	0.41%
P-20	298'	8" PVC	0.72%
P-25	152'	8" PVC	1.25%
P-30	103'	8" PVC	0.53%
P-35	291'	8" PVC	0.40%
P-40	255'	8" PVC	3.26%
P-45	191'	8" PVC	1.26%
P-50	187'	8" PVC	1.23%
P-55	266'	8" PVC	1.48%
P-60	223'	8" PVC	1.37%
P-68	29'	8" PVC	0.40%
P-70	164'	8" PVC	0.40%
P-73	284'	8" PVC	0.40%
P-75	397'	8" PVC	0.40%
P-80	252'	8" PVC	0.40%
P-85	290'	8" PVC	0.40%



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UTILITY PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
LICENSED PROFESSIONAL ENGINEER
No. 76144
STATE OF FLORIDA
1/24/19
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C4.0
SHEET 29 OF 65

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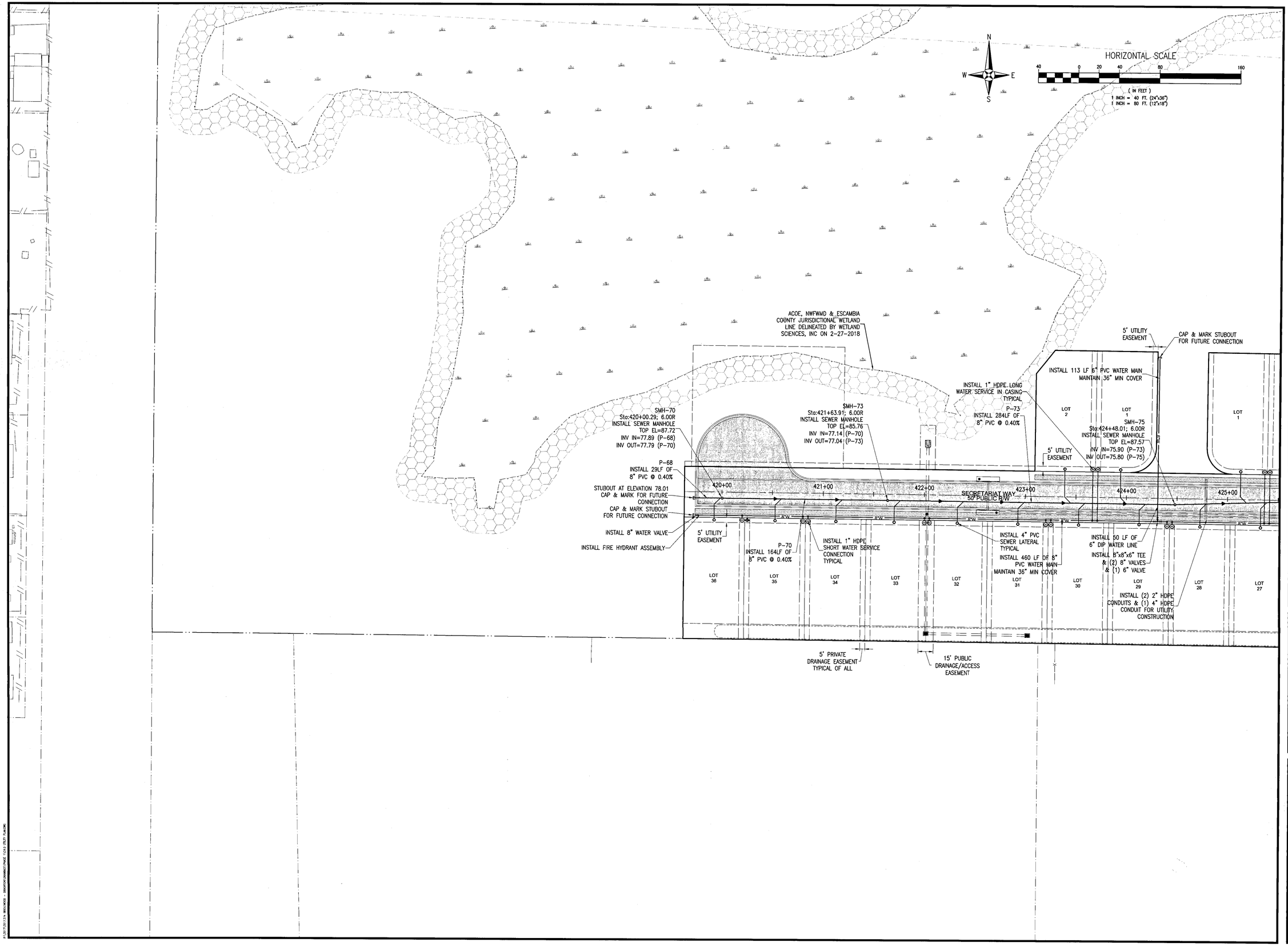

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EB 0029857

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

OVERALL GRADING & DRAINAGE PLAN

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C4.1
SHEET 30 OF 65

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N
W E
S

HORIZONTAL SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

ACOE, NWFWMD & ESCAMBIA COUNTY JURISDICTIONAL WETLAND LINE DELINEATED BY WETLAND SCIENCES, INC ON 2-27-2018

PARCEL E
PUBLIC DRY STORMWATER POND
2.69 ACRES

5' UTILITY EASEMENT

CAP & MARK STUBOUT FOR FUTURE CONNECTION

INSTALL 177 LF OF 6" PVC WATER MAIN MAINTAIN 36" MIN COVER

SMH-85
Sta:431+00.88; 6.00R
INSTALL SEWER MANHOLE
MANHOLE SHALL BE LINED
TOP EL=78.85
INV IN=73.08 (P-80)
INV OUT=72.98 (P-85)

INSTALL 8" TEE
(2) 8" VALVES
(1) 6" REDUCER
(1) 6" VALVE

INSTALL 144 LF OF 3" PVC FORCE MAIN MAINTAIN 36" MIN COVER

INSTALL (2) 2" HDPE CONDUITS & (1) 4" HDPE CONDUIT FOR UTILITY CONSTRUCTION

INSTALL 246 LF OF 8" PVC WATER MAIN MAINTAIN 36" MIN COVER

P-80
INSTALL 252LF OF 8" PVC @ 0.40%

PARCEL D
COMMON AREA
PRIVATE
0.08 ACRES

SMH-80
Sta:428+86.55; 0.00
INSTALL SEWER MANHOLE
TOP EL=86.87
INV IN=74.20 (P-75)
INV OUT=74.10 (P-80)

P-75
INSTALL 397LF OF 8" PVC @ 0.40%

INSTALL FIRE HYDRANT ASSEMBLY

INSTALL 1" HDPE SHORT WATER SERVICE CONNECTION TYPICAL

INSTALL 4" PVC SEWER LATERAL TYPICAL

INSTALL 670 LF OF 8" PVC WATER MAIN MAINTAIN 36" MIN COVER

5' PRIVATE DRAINAGE EASEMENT TYPICAL OF ALL

INSTALL 50 LF OF 8" DIP WATER LINE

P-85
INSTALL 290LF OF 8" PVC @ 0.40%

SMH-35
Sta:111+55.84; -6.00L
INSTALL SEWER MANHOLE
MANHOLE SHALL BE LINED
TOP EL=86.96
INV IN=71.17 (P-30)
INV OUT=71.07 (P-35)

INSTALL 8" TEE,
(3) 8" VALVES &
(1) 8"x6" REDUCER

INSTALL 418 LF OF 6" PVC WATER MAIN MAINTAIN 36" MIN COVER

INSTALL (2) 2" HDPE CONDUITS & (1) 4" HDPE CONDUIT FOR UTILITY CONSTRUCTION

SMH-30
Sta:110+52.98; 6.00R
INSTALL SEWER DROP MANHOLE
MANHOLE SHALL BE LINED
TOP EL=88.52
INV IN=81.50 (P-25)
INV IN=71.82 (P-85)
INV OUT=71.72 (P-30)

P-30
INSTALL 103LF OF 8" PVC @ 0.53%

INSTALL (2) 2" HDPE CONDUITS & (1) 4" HDPE CONDUIT FOR UTILITY CONSTRUCTION

INSTALL 50 LF OF 8" DIP WATER LINE

INSTALL 1" HDPE LONG WATER SERVICE IN CASING TYPICAL

P-25
INSTALL 152LF OF 8" PVC @ 1.25%

SMH-25
Sta:109+00.00; 6.00R
INSTALL SEWER MANHOLE
TOP EL=90.68
INV IN=84.50 (P-20)
INV OUT=83.40 (P-25)

P-20
INSTALL 298LF OF 8" PVC @ 0.72%

INSTALL 4" PVC SEWER LATERAL TYPICAL

INSTALL 4" PVC SEWER LATERAL TYPICAL

5' PUBLIC DRAINAGE ACCESS EASEMENT

PARCEL C
PUBLIC DRAINAGE R/W
0.17 ACRES

P-35
INSTALL 291LF OF 8" PVC @ 0.40%

SMH-40
Sta:114+49.02; 6.00R
INSTALL DROP SEWER MANHOLE
TOP EL=82.63
INV IN=76.00 (P-60)
INV IN=69.91 (P-35)
INV OUT=69.81 (P-40)

INSTALL 50 LF OF 6" DIP WATER LINE

INSTALL 6" TEE & (3) 6" VALVES

INSTALL 1" HDPE SHORT WATER SERVICE CONNECTION TYPICAL

INSTALL (2) 2" HDPE CONDUITS & (1) 4" HDPE CONDUIT FOR UTILITY CONSTRUCTION

INSTALL 250 LF OF 6" PVC WATER MAIN MAINTAIN 36" MIN COVER

INSTALL FIRE HYDRANT ASSEMBLY

P-60
INSTALL 223LF OF 8" PVC @ 1.37%

P-40
INSTALL 255LF OF 8" PVC @ 3.26%

STEEPLECHASE BLVD PUBLIC R/W

SHADY OAKS DR PUBLIC R/W

ENTRADA LOOP PUBLIC R/W

SECRETARIAT WAY PUBLIC R/W

LOT 1 LOT 2 LOT 3 LOT 4 LOT 5 LOT 6 LOT 7 LOT 8 LOT 9 LOT 10 LOT 11 LOT 12 LOT 13 LOT 14 LOT 16 LOT 17 LOT 18 LOT 19 LOT 20 LOT 21 LOT 22 LOT 23 LOT 24 LOT 25 LOT 26 LOT 27

425+00 426+00 427+00 428+00 429+00 430+00 431+00 431+55.88 432+00 308+00 309+00 310+00 311+00 311+55.84 112+00 113+00 114+00 114+58.80 115+00 116+00 109+00 110+00 108+00 206+00 207+00

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Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

OVERALL GRADING & DRAINAGE PLAN

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C4.2
SHEET 31 OF 65

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5' PRIVATE DRAINAGE EASEMENT TYPICAL OF ALL

N
W E
S

HORIZONTAL SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

SMH-25
Sta:109+00.00; 6.00R
INSTALL SEWER MANHOLE
TOP EL=90.68
INV IN=84.50 (P-20)
INV OUT=83.40 (P-25)

P-20
INSTALL 298LF OF
8" PVC @ 0.72%

5' UTILITY EASEMENT

INSTALL 4" PVC SEWER LATERAL TYPICAL

5' PRIVATE DRAINAGE EASEMENT TYPICAL OF ALL

INSTALL FIRE HYDRANT ASSEMBLY

P-60
INSTALL 223LF OF
8" PVC @ 1.37%

P-40
INSTALL 255LF OF
8" PVC @ 3.26%

INSTALL 4" PVC SEWER LATERAL TYPICAL

INSTALL 6" VALVE

CONNECT TO EXISTING 6" W/ 6"x6" TAPPING SLEEVE & VALVE

CONNECT TO EXISTING PVC SEWER LINE STUBOUT

SMH-60
Sta:207+03.76; 0.00
INSTALL SEWER MANHOLE
TOP EL=85.33
INV IN=79.15 (P-55)
INV OUT=79.05 (P-60)

SMH-43
Sta:117+06.57; -3.58L
INSTALL SEWER MANHOLE
TOP EL=70.74
INV IN=61.50 (P-40)
INV OUT=±61.40

CURB INLET
TOP=71.10'
INVERT (NE)=64.20'
INVERT (SW)=65.57'

TOP=70.66'
INVERT (NE)=60.72'
INVERT (NW)=60.97'
INVERT (SW)=60.78'

SMH-20
Sta:106+01.64; -6.00L
INSTALL SEWER MANHOLE
TOP EL=93.34
INV IN=86.74 (P-15)
INV OUT=86.64 (P-20)

P-15
INSTALL 143LF OF
8" PVC @ 0.41%

INSTALL 747 LF OF
8" PVC WATER MAIN
MAINTAIN 36" MIN COVER

INSTALL FIRE HYDRANT ASSEMBLY

SMH-15
Sta:104+59.88; -6.00L
INSTALL SEWER MANHOLE
TOP EL=93.85
INV IN=87.43 (P-10)
INV OUT=87.33 (P-15)

INSTALL 1" HDPE SHORT WATER SERVICE CONNECTION TYPICAL

INSTALL (2) 2" HDPE CONDUITS & (1) 4" HDPE CONDUIT FOR UTILITY CONSTRUCTION

INSTALL 50 LF OF
6" DIP WATER LINE

INSTALL 12"x12"x6" TEE,
(2) 12" VALVES &
(1) 6" VALVE
(1) 12"x8" REDUCER

P-10
INSTALL 393LF OF
8" PVC @ 0.40%

INSTALL 242 LF OF
12" PVC WATER MAIN
MAINTAIN 36" MIN COVER

5' UTILITY EASEMENT

CONNECT TO EXISTING
12" PVC WATER MAIN
W/ 12"x12" TAPPING
SLEEVE & VALVE

PARCEL A
AMENITIES AREA/
MAIL KIOSK
PRIVATE
0.67 ACRES

STEEPLECHASE BOULEVARD
50' PUBLIC R/W

INSTALL 1" HDPE LONG WATER SERVICE IN CASING TYPICAL

P-55
INSTALL 266LF OF
8" PVC @ 1.48%

INSTALL 876 LF OF
6" PVC WATER MAIN
MAINTAIN 36" MIN COVER

5' UTILITY EASEMENT

INSTALL 4" PVC SEWER LATERAL TYPICAL

INSTALL 1" HDPE SHORT WATER SERVICE CONNECTION TYPICAL

P-50
INSTALL 187LF OF
8" PVC @ 1.23%

SMH-55
Sta:204+38.14; 6.00R
INSTALL SEWER MANHOLE
TOP EL=88.77
INV IN=83.19 (P-50)
INV OUT=83.09 (P-55)

TOP=72.22'
INVERT (NE)=65.56'
INVERT (S)=65.46'

EXISTING FIRE HYDRANT

SMH-50
Sta:202+52.03; 6.00R
INSTALL SEWER MANHOLE
TOP EL=91.26
INV IN=85.59 (P-45)
INV OUT=85.49 (P-50)

P-45
INSTALL 191LF OF
8" PVC @ 1.26%

SMH-45
Sta:200+62.00; 6.00R
INSTALL SEWER MANHOLE
TOP EL=93.80
INV OUT=88.00 (P-45)

CURB INLET
TOP=74.24'
INVERT (NE)=68.31'
INVERT (S)=68.31'

TOP=74.75'
INVERT (N)=67.06'
INVERT (S)=67.06'

PARCEL B
15' PUBLIC DRAINAGE R/W
0.34 ACRES

TOP=78.74'
INVERT (NE)=73.89'
INVERT (SW)=73.89'

50' PUBLIC R/W

PADDOCK WAY

SMH-10
Sta:100+67.27; -6.00L
INSTALL SEWER MANHOLE
TOP EL=95.19
INV OUT=89.00 (P-10)

TOP=95.46'
INVERT (E)=84.18'
INVERT (S)=84.18'

TOP=84.44'
INVERT (NE)=77.94'
INVERT (W)=77.94'

EXISTING FIRE HYDRANT

ACOE, NWFWMD & ESCAMBIA COUNTY JURISDICTIONAL WETLAND LINE DELINEATED BY WETLAND SCIENCES, INC ON 2-27-2018

CURB INLET

LOT 14, LOT 13, LOT 12, LOT 11, LOT 10, LOT 9, LOT 8, LOT 7, LOT 6, LOT 5, LOT 4, LOT 3, LOT 2, LOT 1, LOT 15, LOT 16, LOT 17, LOT 18

STA 109+00, 108+00, 107+00, 106+00, 105+00, 104+00, 103+00, 102+00, 101+00, 100+00, 99+00, 207+00, 206+00, 205+00, 204+00, 203+00, 202+00, 201+00, 200+00, 198+00, 197+00, 116+00, 117+00

RBA
REBOL-BATTLE & ASSOCIATES
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Telephone 850.438.0400 Fax 850.438.0448
EB 0000687

OVERALL GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

Jeremy R. King, P.E.
No.76144
1/24/19

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C4.3
SHEET 32 OF 65

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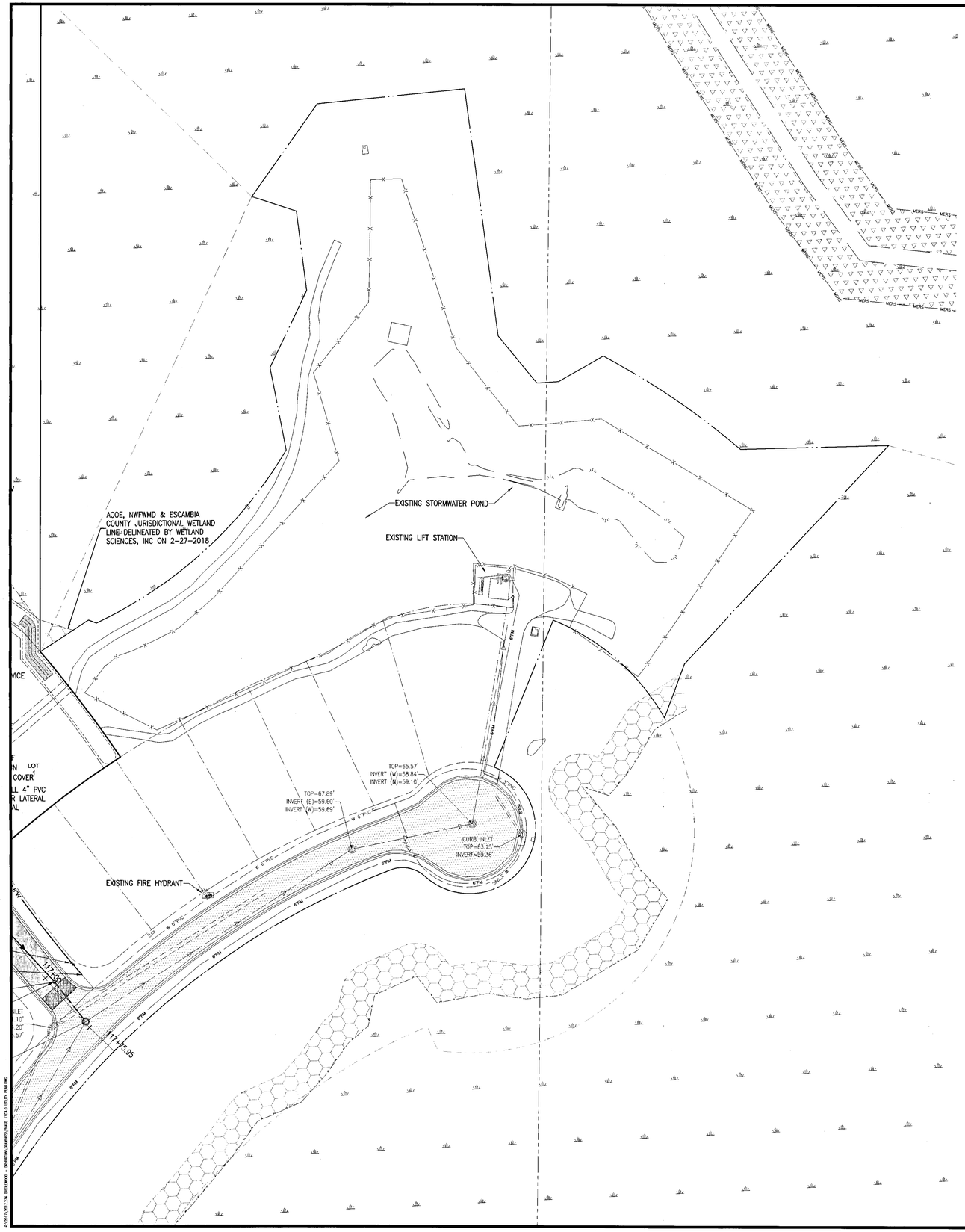
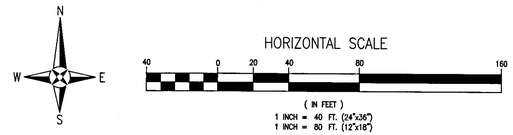
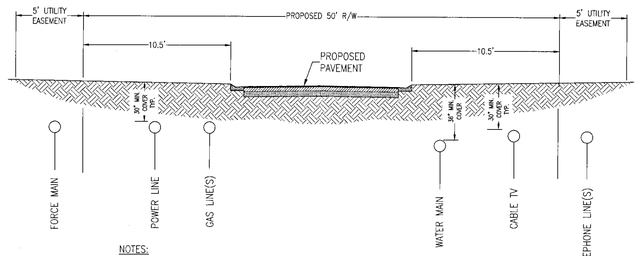
J:\2017\2017.274 BRIDLEWOOD - 2ND\CONSTRUCTION\ENGINEERING\2017.274 OVERALL GRADING.DWG







NOTES:

1. NO STREETS OR ROADS WILL BE ALLOWED TO BE OPEN-CUT, OR JACK AND BORED, UNLESS SPECIFICALLY APPROVED BY THE COUNTY ENGINEER. TO ACCOMPLISH THIS REQUIREMENT, COMMON TRENCHING IS REQUIRED WHENEVER POSSIBLE. IF COMMON TRENCHING IS NOT A FEASIBLE OPTION, THE DEVELOPER SHALL INSTALL CONDUIT FOR THE UTILITY NOT PARTICIPATING IN THE COMMON TRENCHING FOR ALL ROAD CROSSINGS AND THE UTILITY COMPANY WILL BE REQUIRED TO USE THE CONDUIT INSTALLED. THIS SHALL REQUIRE PLANNING BETWEEN THE DEVELOPER AND THE UTILITY.
2. CONTRACTOR SHALL INSTALL EACH UTILITY SERVICE IN THE LOCATION AS SHOWN. DEVIATIONS MUST BE APPROVED BY ESCAMBIA COUNTY.
3. CONTRACTOR SHALL INSTALL POWER LINE ON OPPOSITE SIDE OF ROAD AS DOMESTIC WATER LINE.
4. ALL PROPOSED UNDERGROUND UTILITIES WITHIN R/W'S OR UTILITY CONDUITS FOR ROAD CROSSINGS SHALL BE INSTALLED PRIOR TO PAVING.

COMMON TRENCH DETAIL

N.T.S.

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Telephone 850.438.0400 Fax 850.438.0448
EB 0006967

OVERALL GRADING & DRAINAGE PLAN

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C4.4
SHEET 33 OF 65

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HORIZONTAL SCALE
20 0 10 20 40 80
(IN FEET)
1 INCH = 20 FT. (24"x36")
1 INCH = 40 FT. (12"x18")

LOT 1 FFE=98.00 (B)
LOT 2 FFE=97.20 (B)
LOT 3 FFE=96.85 (B)
LOT 4 FFE=96.65 (B)
LOT 5 FFE=96.45 (B)
LOT 6 FFE=96.25 (B)
LOT 7 FFE=96.00 (B)

STEEPLECHASE BOULEVARD
50' PUBLIC R/W

INSTALL 12" PVC WATER MAIN
MAINTAIN 36" MIN COVER

P-10
INSTALL 393LF OF
8" PVC @ 0.40%

CI-100
Sta:102+31.7; -16.42L
INSTALL TYPE 'A' CURB INLET
TOP EL=94.93
EOP EL=94.51
THROAT EL=94.10
INV=90.50 (PD-100; E)

PD-100
INSTALL 33LF OF
18" RCP @ 0.30%

INSTALL 8" PVC WATER MAIN
MAINTAIN 36" MIN COVER

Sta:104+
INSTALL SS
INV IN=
INV OUT=

MATCHLINE STA 104+00

SMH-10
Sta:100+67.27; -6.00L
INSTALL SEWER MANHOLE
TOP EL=95.19
INV OUT=89.00 (P-10)

CI-105
Sta:102+31.7; 16.42R
INSTALL TYPE 'A' CURB INLET
TOP EL=94.93
EOP EL=94.51
THROAT EL=94.10
INV=90.40 (PD-105; N)
INV=90.40 (PD-100; W)

PD-105
INSTALL 238LF OF
18" RCP @ 0.48%

INSTALL 50 LF OF
6" DIP WATER LINE

SMH-45
Sta:200+62.00; 6.00R
INSTALL SEWER MANHOLE
TOP EL=93.80
INV OUT=88.00 (P-45)

P-45
INSTALL 191LF OF
8" PVC @ 1.26%

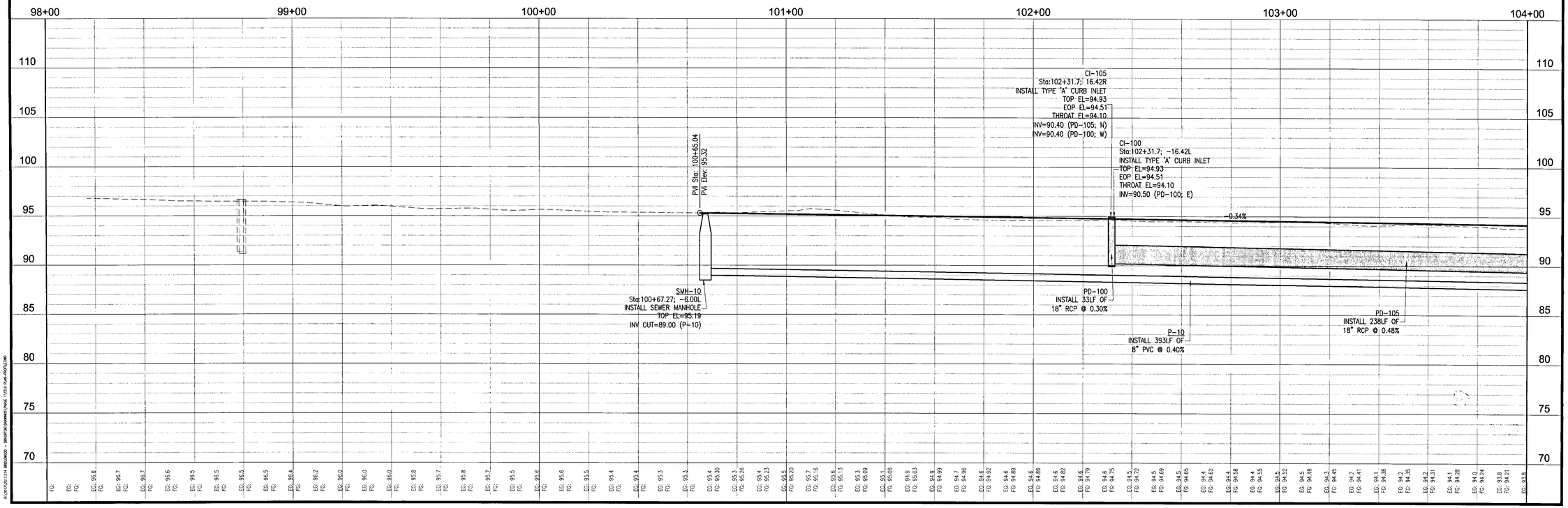
INSTALL 6" PVC WATER MAIN
MAINTAIN 36" MIN COVER

PARCEL B
15' PUBLIC DRAINAGE R/W
0.34 ACRES

SMARTY JONES WAY
50' PUBLIC R/W

LOT 1 FFE=96.25 (A)
LOT 2 FFE=94.95

98+16.66 99+00 100+00 101+00 102+00 103+00 104+00



REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.3000 Fax 850.438.0448
EB 0005957

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 78144
STATE OF FLORIDA
Jeremy R. King, P.E.
No.78144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.0
SHEET 34 OF 65

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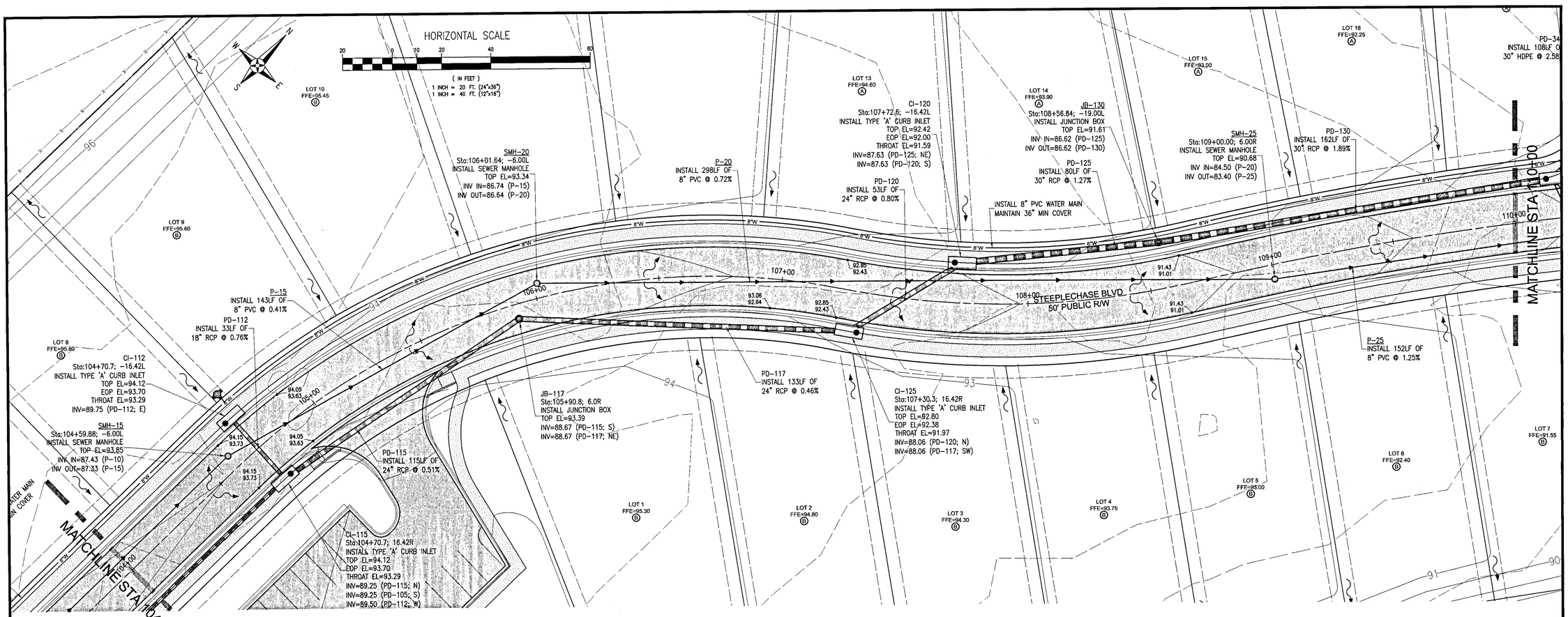
P:\2017\2017274 BRIDLWOOD - DRAINAGE\ADMIN\C3 PAVE (1024 Plan-Profile).dwg



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2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.7511 Fax 850.438.0446
EB 0000967

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA LICENSED Jeremy R. King No. 76144 PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.1
SHEET 35 OF 65

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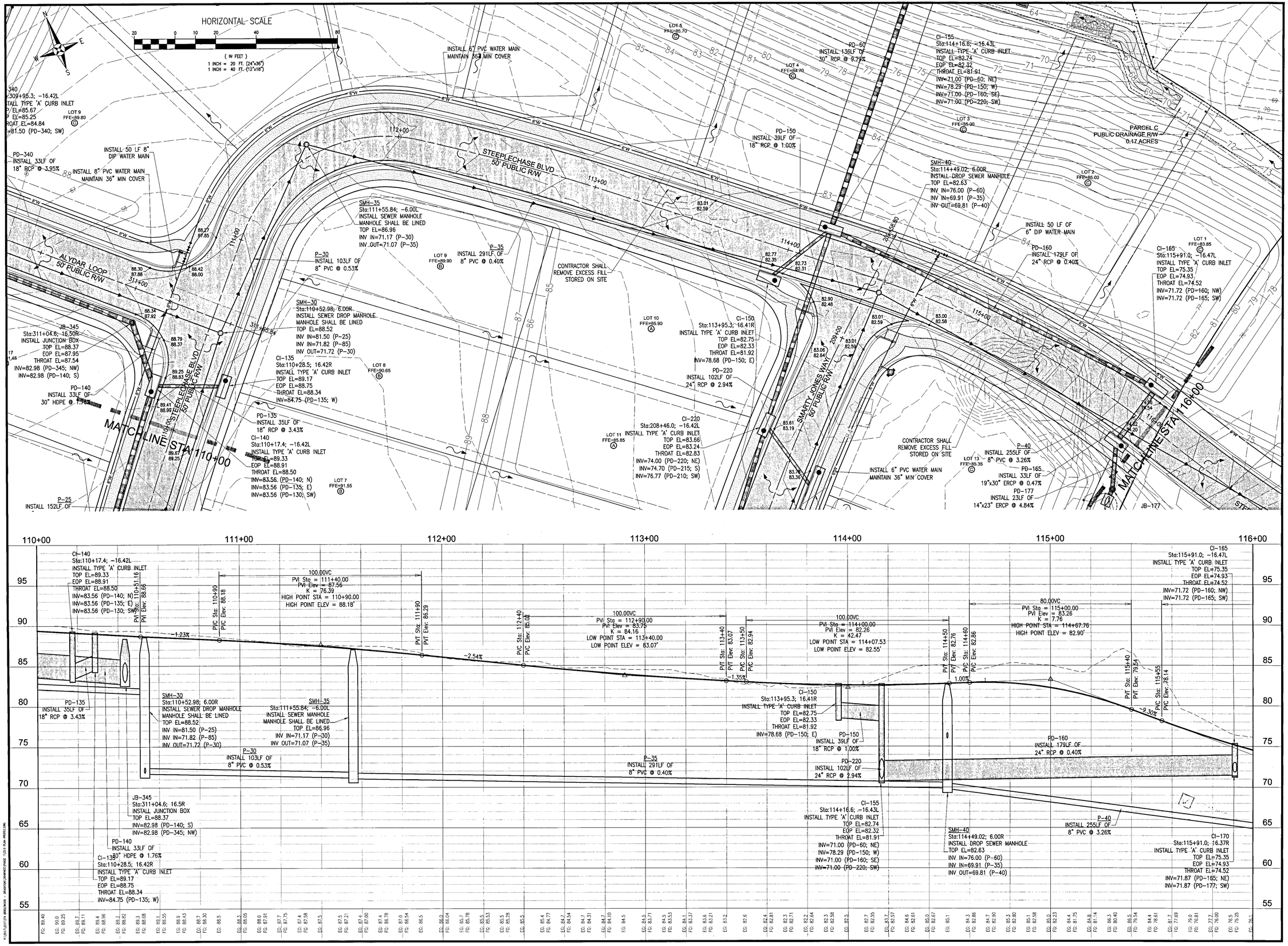

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Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.9506 Fax 850.438.9446
EB 0000525

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.2
SHEET 36 OF 65

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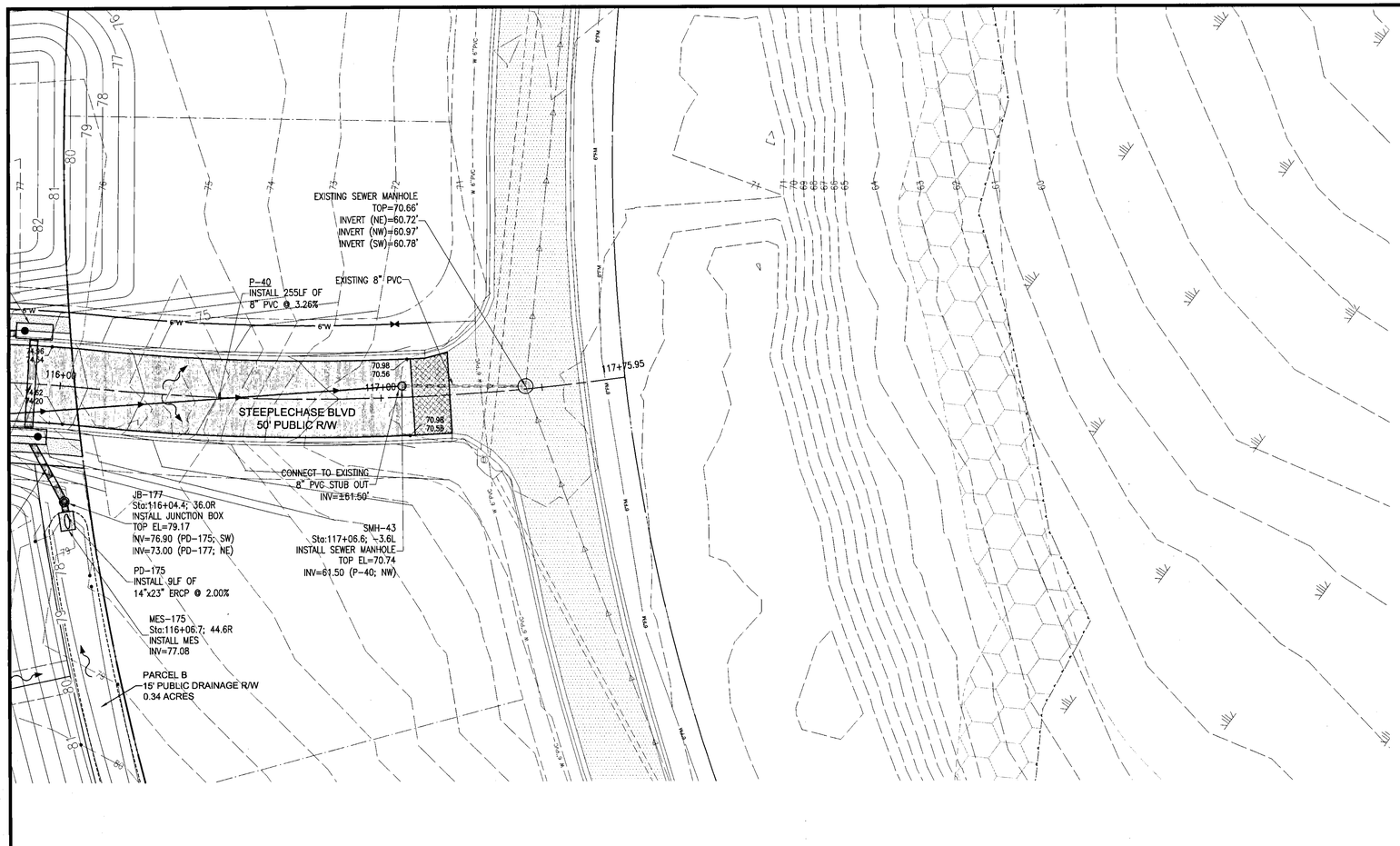

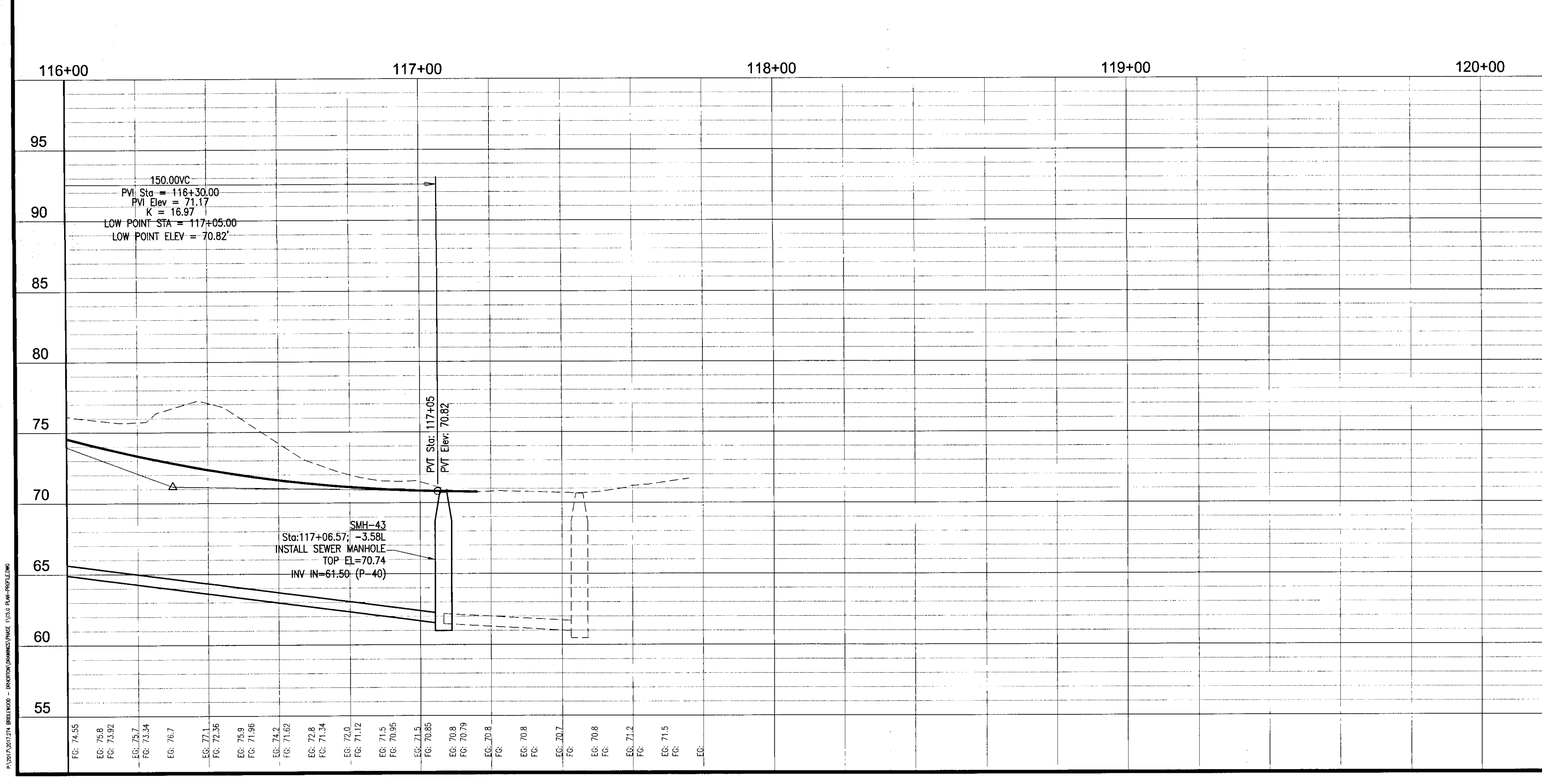

HORIZONTAL SCALE

20 0 10 20 40 80

(IN FEET)

1 INCH = 20 FT. (24"x36")

1 INCH = 40 FT. (12"x18")

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Civil and Environmental Engineers
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Pensacola, Florida 32503
(850) 438-0041 Fax 850.438.0448
Telephone 850.438.0041 Fax 850.438.0448
EB 00009657

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL

NOT FOR CONSTRUCTION

JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA REGISTERED ENGINEER

Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C5.3
SHEET 37 OF 65

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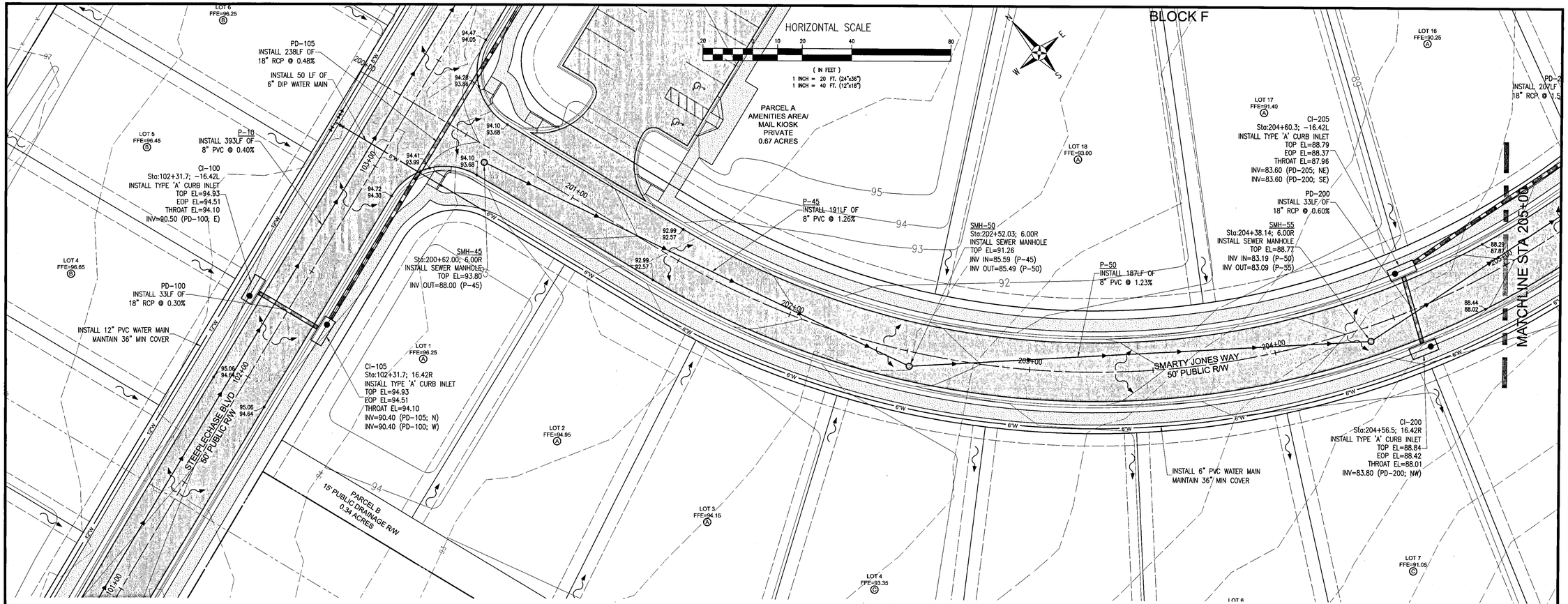
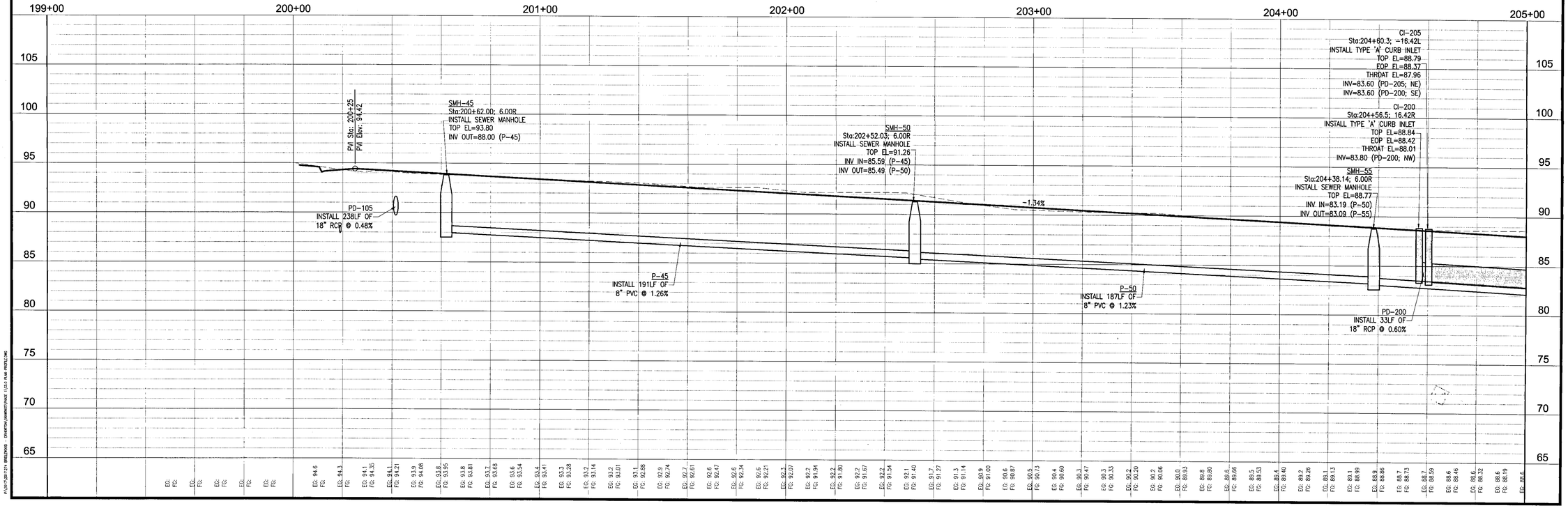
R:\2017\2017274 BRIDLEWOOD - ESCAMBIA\DRAWINGS\PAVE 1\C5.3 PLAN-PROFILE.DWG





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Pensacola, Florida 32503
Telephone 850.438.0400, Fax 850.438.0448
EB 0000867

PLAN & PROFILES

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.4
SHEET 38 OF 65

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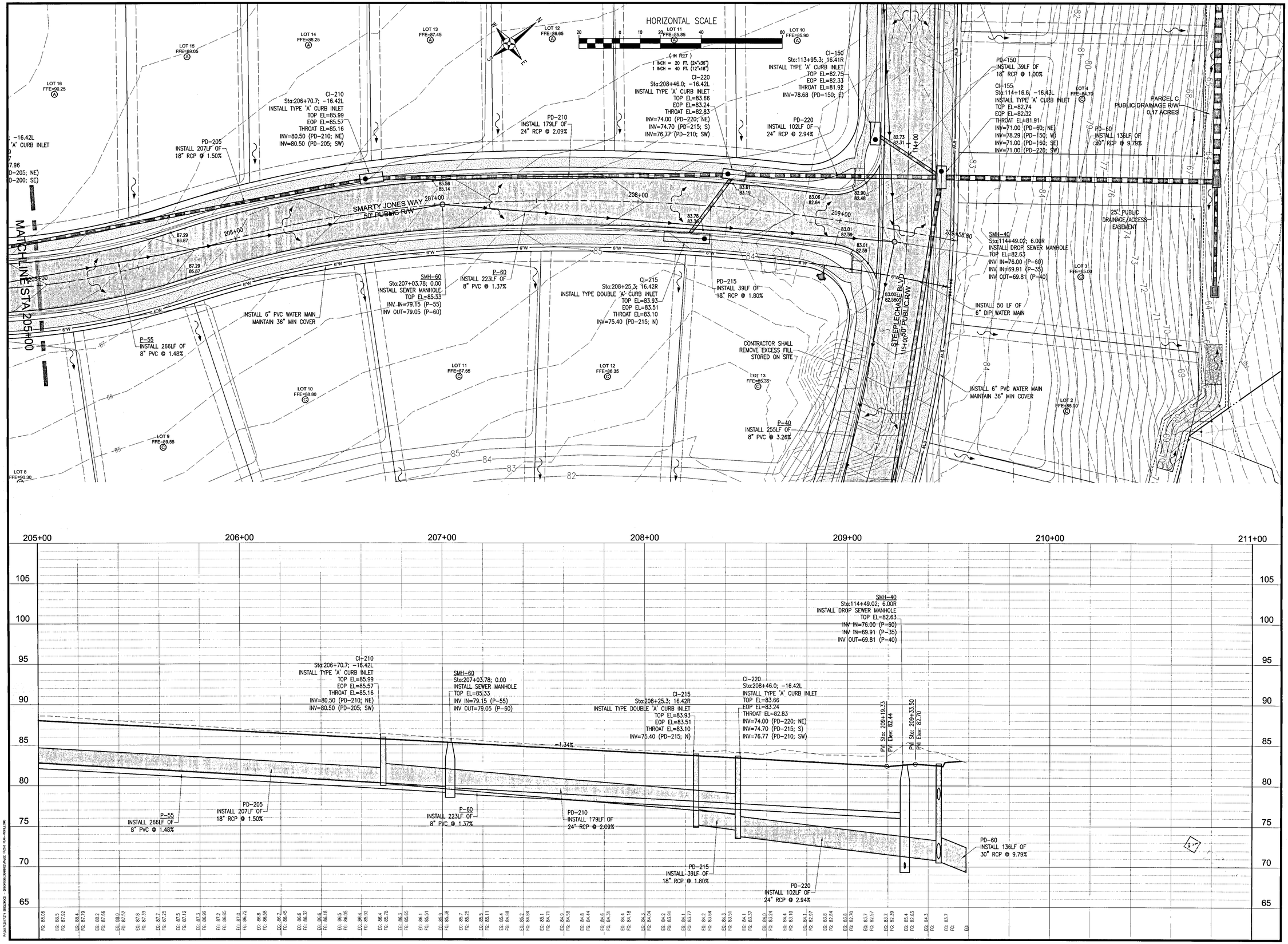

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

PLAN & PROFILES

REBOL-BATTLE & ASSOCIATES
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EB 0000267

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
LICENSED
No. 78144
PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No.78144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.5
SHEET 39 OF 65

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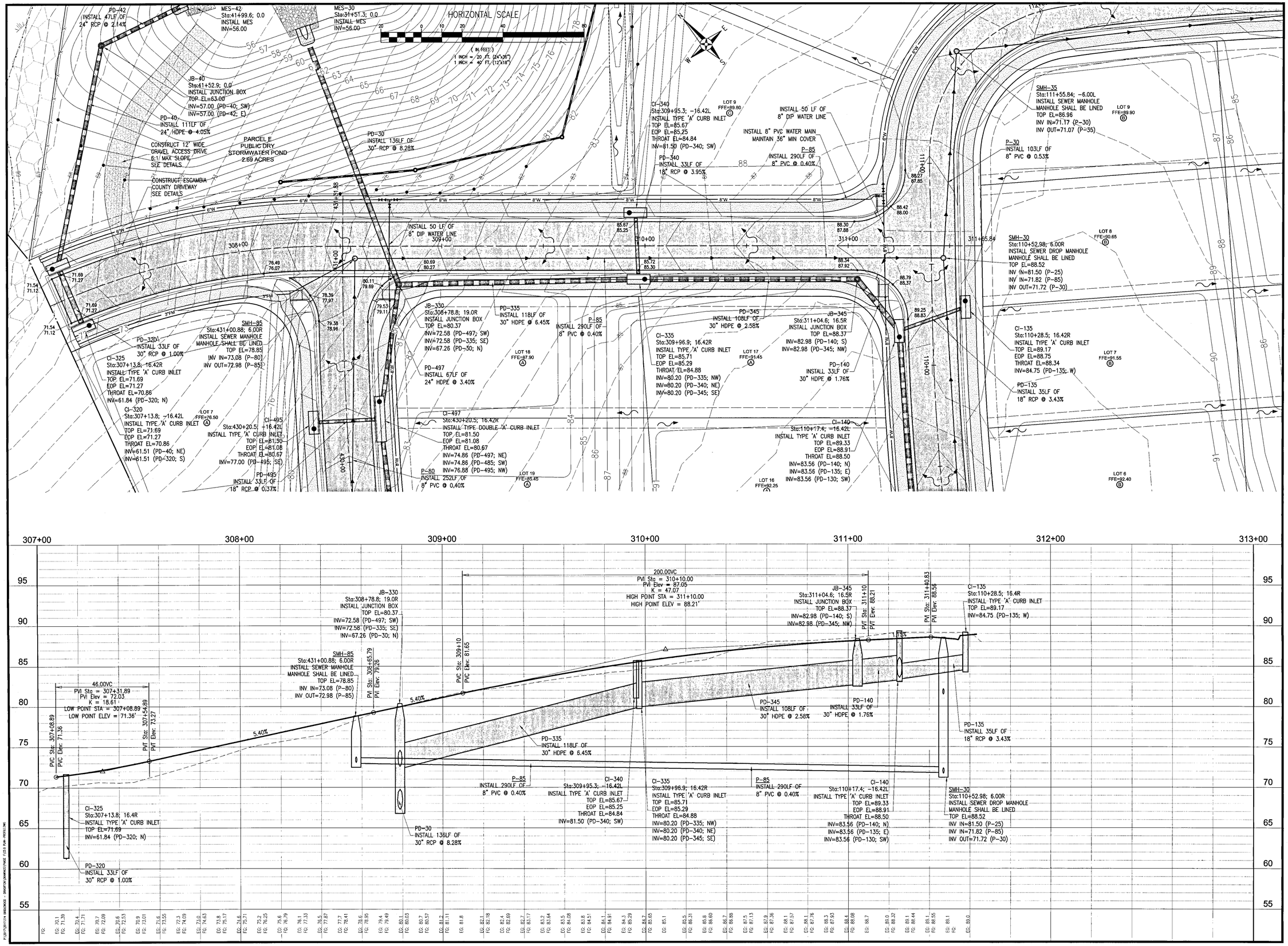

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Telephone 850.438.9041 Fax 850.438.9446
EB 0000657

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
LICENSE
No. 76144
1/24/19
REGISTERED
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.6
SHEET 40 OF 65

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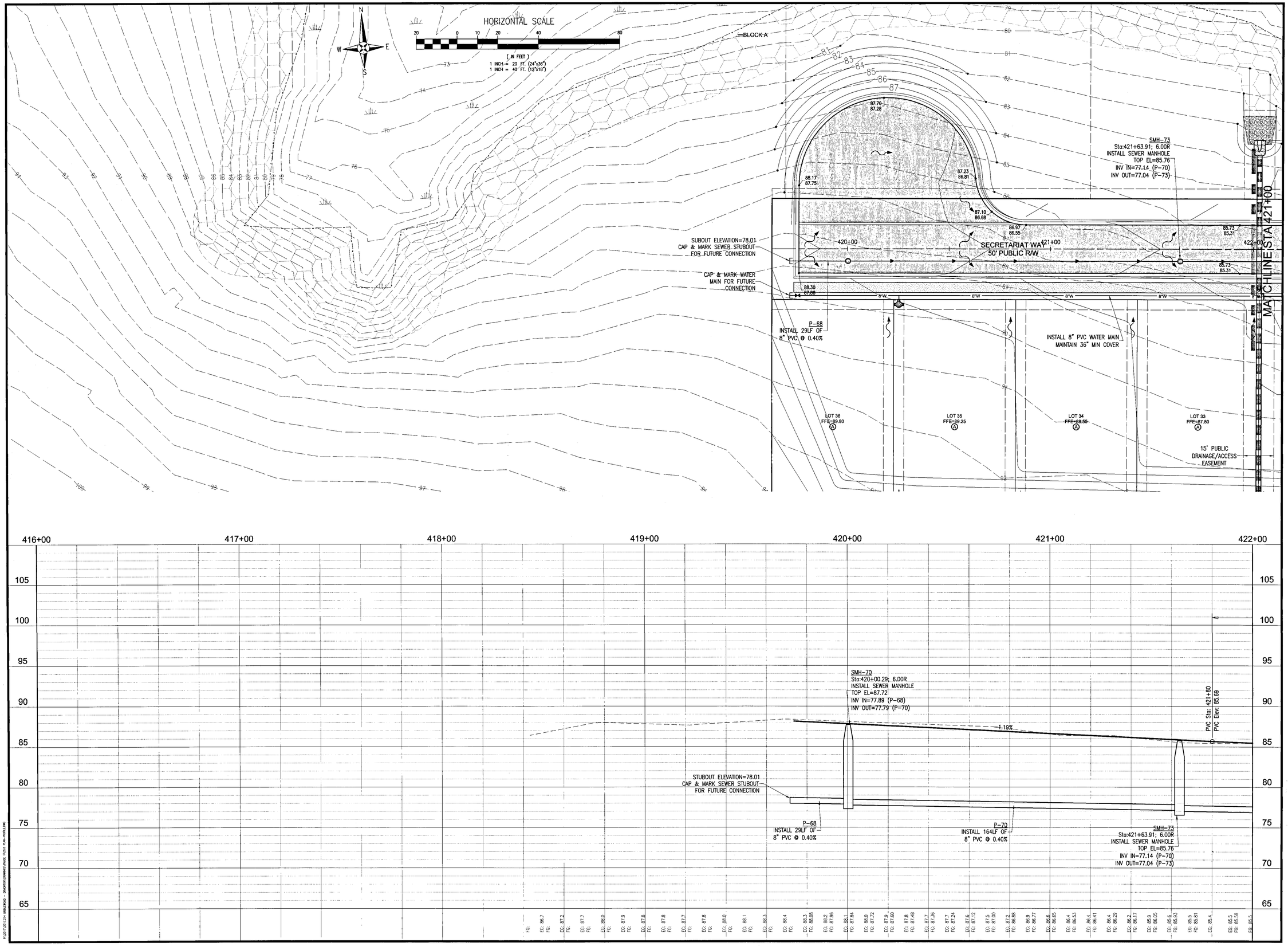

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Telephone 850.438.0446 Fax 850.438.0448
EB 0000657

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.7
SHEET 41 OF 65

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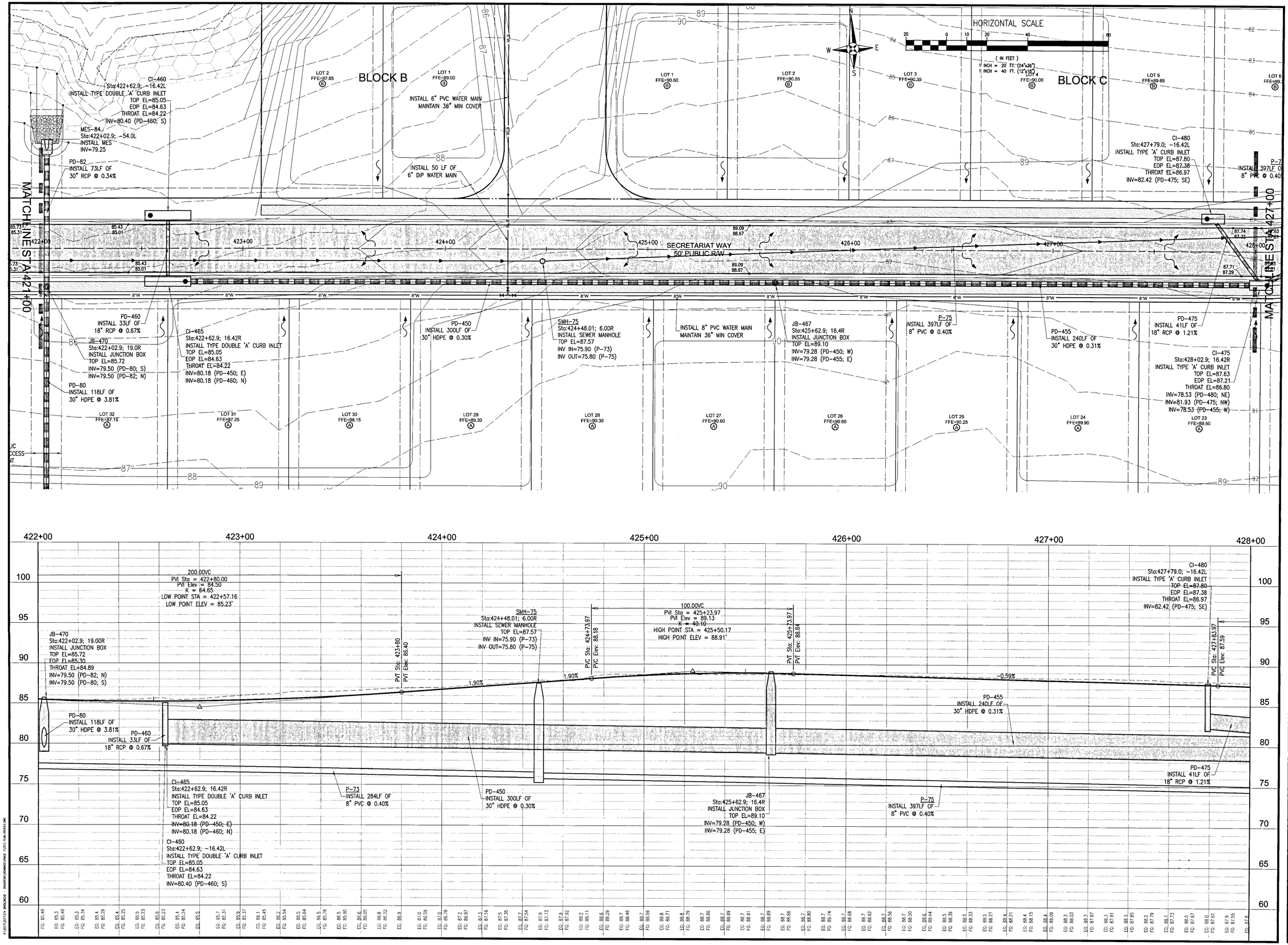

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Telephone 850.438.0406 Fax 850.438.0448
EB 0029657

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
LICENSED PROFESSIONAL ENGINEER No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.8
SHEET 42 OF 65

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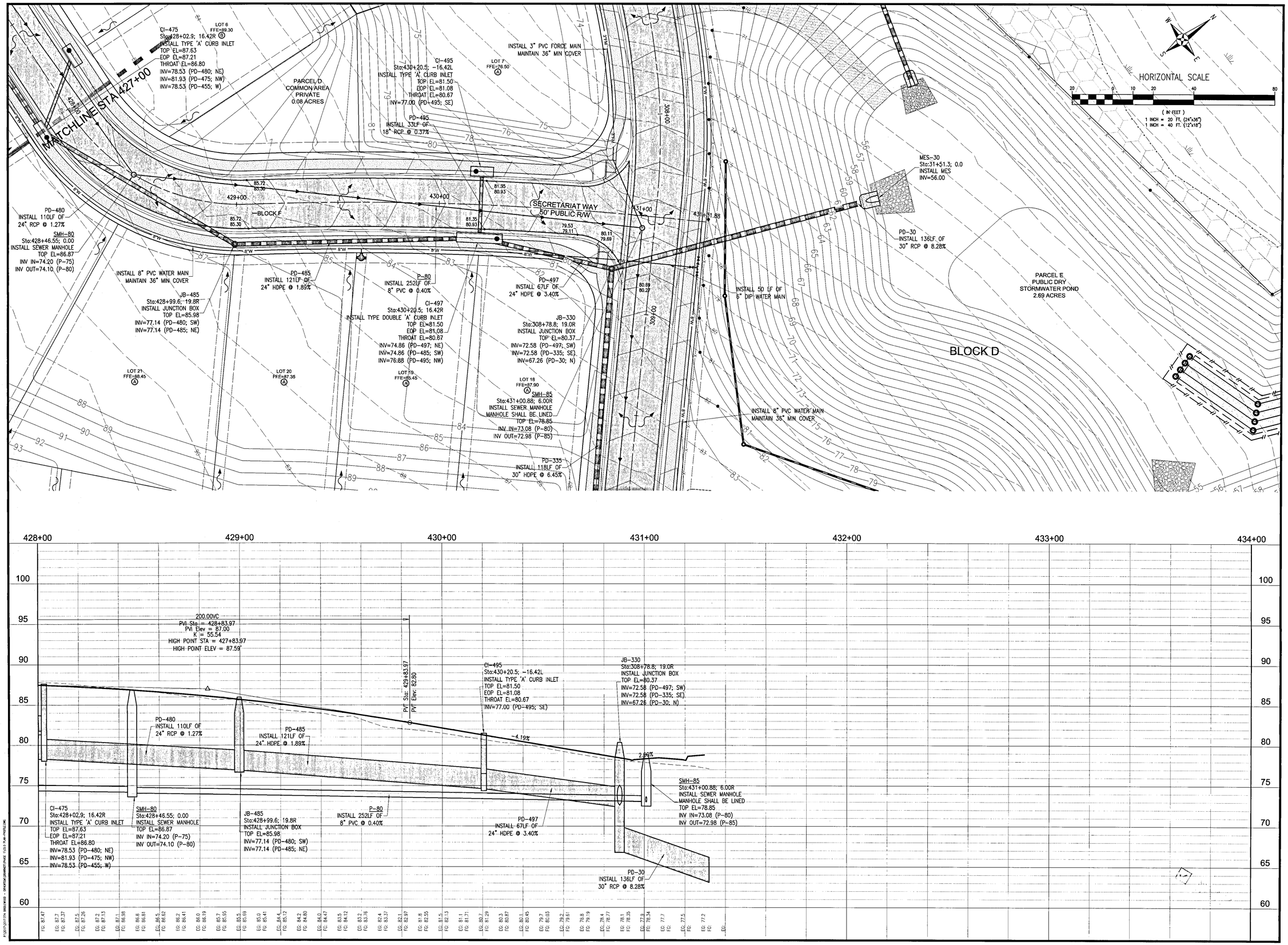

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

PLAN & PROFILES

REBOL-BATTLE & ASSOCIATES
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Pensacola, Florida 32503
Telephone 850.438.9400 Fax 850.438.0448
EB 0005957

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C5.9
SHEET 43 OF 65

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HORIZONTAL SCALE

20 0 10 20 40 80

(IN FEET)

1 INCH = 20 FT. (24"x36")

1 INCH = 40 FT. (12"x18")

LOT 1
0.17 AC

LOT 2
0.18 AC

LOT 3
0.21 AC

LOT 4
0.23 AC

LOT 5
0.24 AC

LOT 6
0.25 AC

0.24 AC

PARCEL B
15' PUBLIC DRAINAGE R/W
0.34 ACRES

CONSTRUCT TYPE 1 DITCH
SEE DETAILS

10+00 11+00 12+00 13+00 14+00 15+00 16+00

P-10
INSTALL 393LF OF
8" PVC @ 0.40%

PVI Sta: 13+03.80
PVI Elev: 88.26

PVI Sta: 14+50
PVI Elev: 84.75

-2.40%

-1.79%

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0000682

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C6.0
SHEET 44 OF 65

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HORIZONTAL SCALE

20 0 10 20 40 80

(IN FEET)

1 INCH = 20 FT. (24"x36")
1 INCH = 40 FT. (12"x18")

LOT 7 0.24 AC
LOT 8 0.23 AC
LOT 9 0.21 AC
LOT 10 0.21 AC
LOT 11 0.21 AC
LOT 12 0.19 AC
LOT 13 0.21 AC
LOT 1 0.17 AC
LOT 2 0.18 AC

PARCEL B
15' PUBLIC DRAINAGE R/W
0.34 ACRES

CONSTRUCT TYPE 1 DITCH
SEE DETAILS

CI-170
Sta:115+91.0; 16.37R
INSTALL TYPE 'A' CURB INLET
TOP EL=75.35
EOP EL=74.93
THROAT EL=74.52
INV=71.87 (PD-165; NE)
INV=71.87 (PD-177; SW)

MES-175
Sta:116+06.7; 44.6R
INSTALL MES
INV=77.08

PD-175
INSTALL 9LF OF
14"x23" ERCP @ 2.00%

JB-177
Sta:116+04.4; 36.0R
INSTALL JUNCTION BOX
TOP EL=79.17
INV=76.90 (PD-175; SW)
INV=73.00 (PD-177; NE)

PD-177
INSTALL 23LF OF
14"x23" ERCP @ 4.84%

PD-165
INSTALL 33LF OF
19"x30" ERCP @ 0.47%

CI-165
Sta:115+91.0; -16.47L
INSTALL TYPE 'A' CURB INLET
TOP EL=75.35
EOP EL=74.93
THROAT EL=74.52
INV=71.72 (PD-160; NW)
INV=71.72 (PD-165; SW)

15' PUBLIC DRAINAGE EASEMENT

INV=59.00

16+00 17+00 18+00 19+00 20+00 21+00 22+00

100 95 90 85 80 75 70 65 60

PVI Sta: 17+27.75
PVI Elev: 79.77

-0.90%

JB-177
Sta:116+04.4; 36.0R
INSTALL JUNCTION BOX
TOP EL=79.17
INV=76.90 (PD-175; SW)
INV=73.00 (PD-177; NE)

MES-175
Sta:116+06.7; 44.6R
INSTALL MES
INV=77.08

PVI Sta: 20+26.87
PVI Elev: 77.08

CI-170
Sta:115+91.0; 16.37R
INSTALL TYPE 'A' CURB INLET
TOP EL=75.35
EOP EL=74.93
THROAT EL=74.52
INV=71.87 (PD-165; NE)
INV=71.87 (PD-177; SW)

CI-165
Sta:115+91.0; -16.47L
INSTALL TYPE 'A' CURB INLET
TOP EL=75.35
EOP EL=74.93
THROAT EL=74.52
INV=71.72 (PD-160; NW)
INV=71.72 (PD-165; SW)

PD-175
INSTALL 9LF OF
14"x23" ERCP @ 2.00%

PD-177
INSTALL 23LF OF
14"x23" ERCP @ 4.84%

PD-165
INSTALL 33LF OF
19"x30" ERCP @ 0.47%

P-40
INSTALL 255LF OF
8" PVC @ 3.26%

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0000667

PLAN & PROFILES

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
JEREMY R. KING
LICENSE
No. 76144
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C6.1
SHEET 45 OF 65

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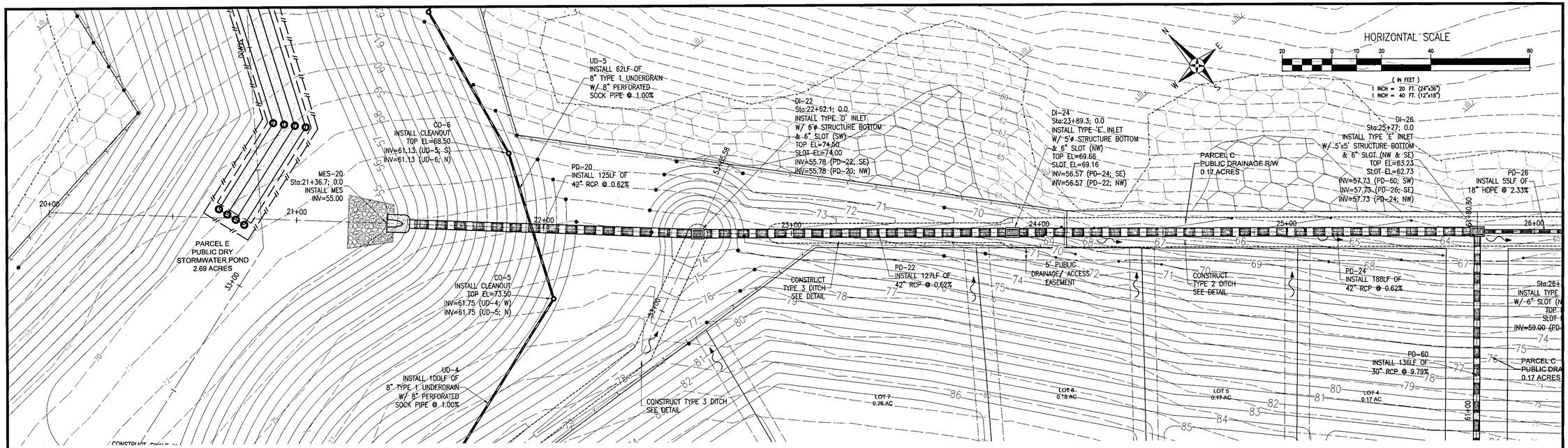
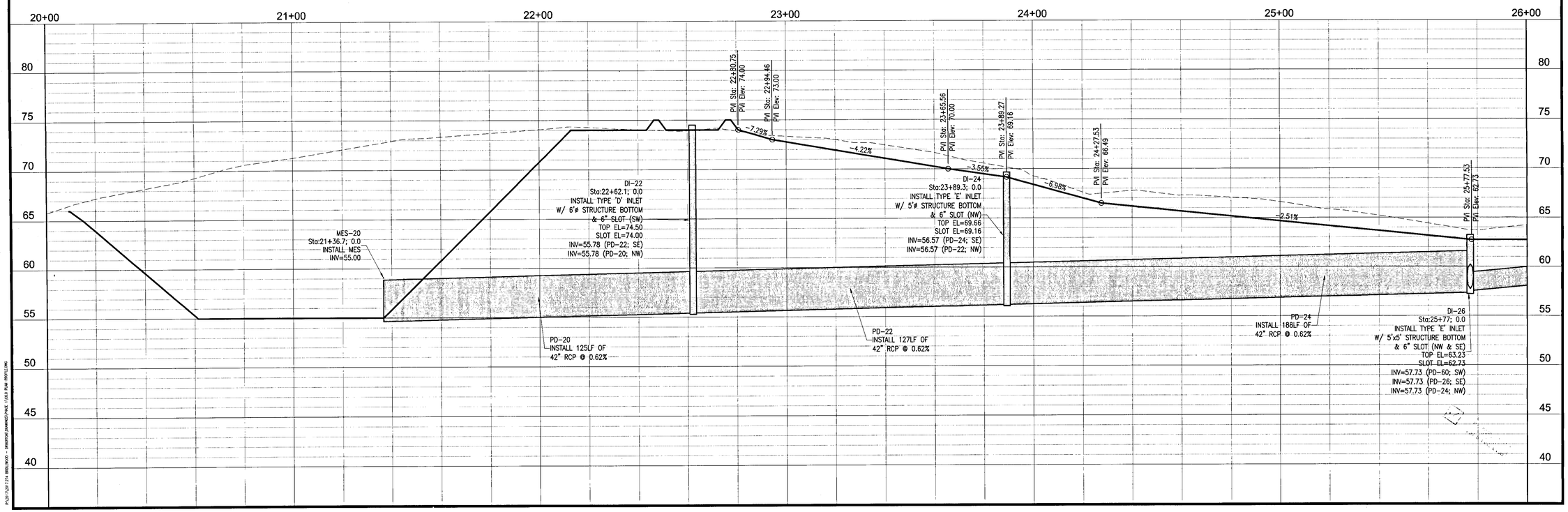
X:\2017\2017274 BRIDLEWOOD - PHASE 1\ENGINEERING\PLANS\ 1/24/19 7:46 PM JRKING





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Civil and Environmental Engineers
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Pensacola, Florida 32503
Telephone 850.438.0446 FAX 850.438.0448
EB 0009667

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.2
SHEET 46 OF 65

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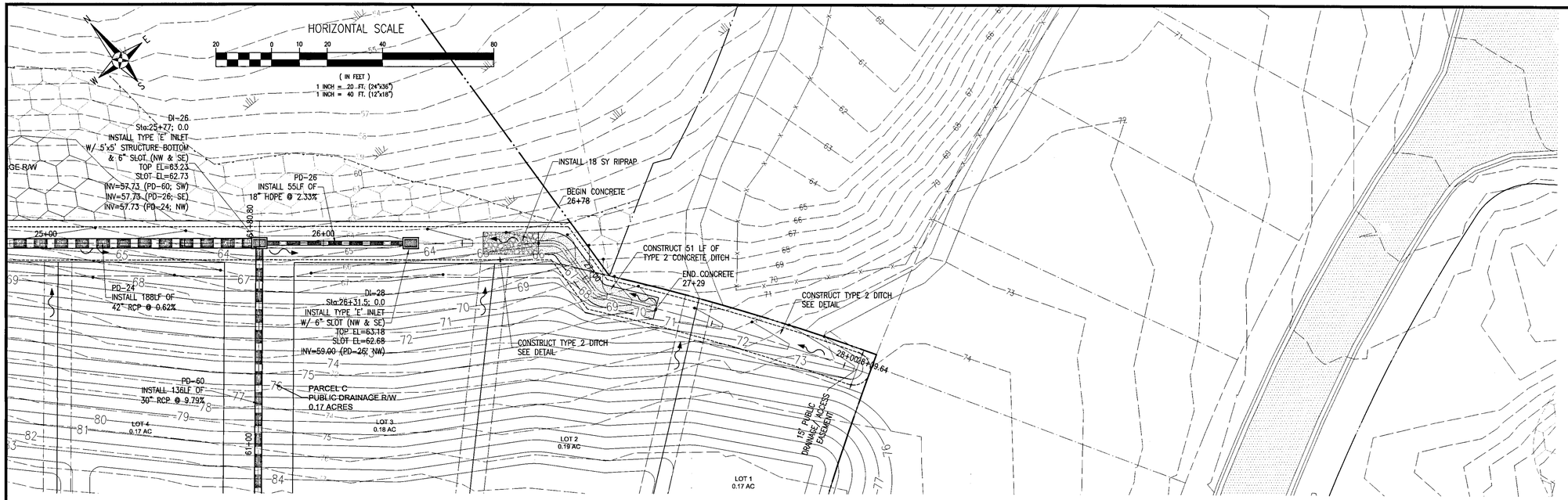

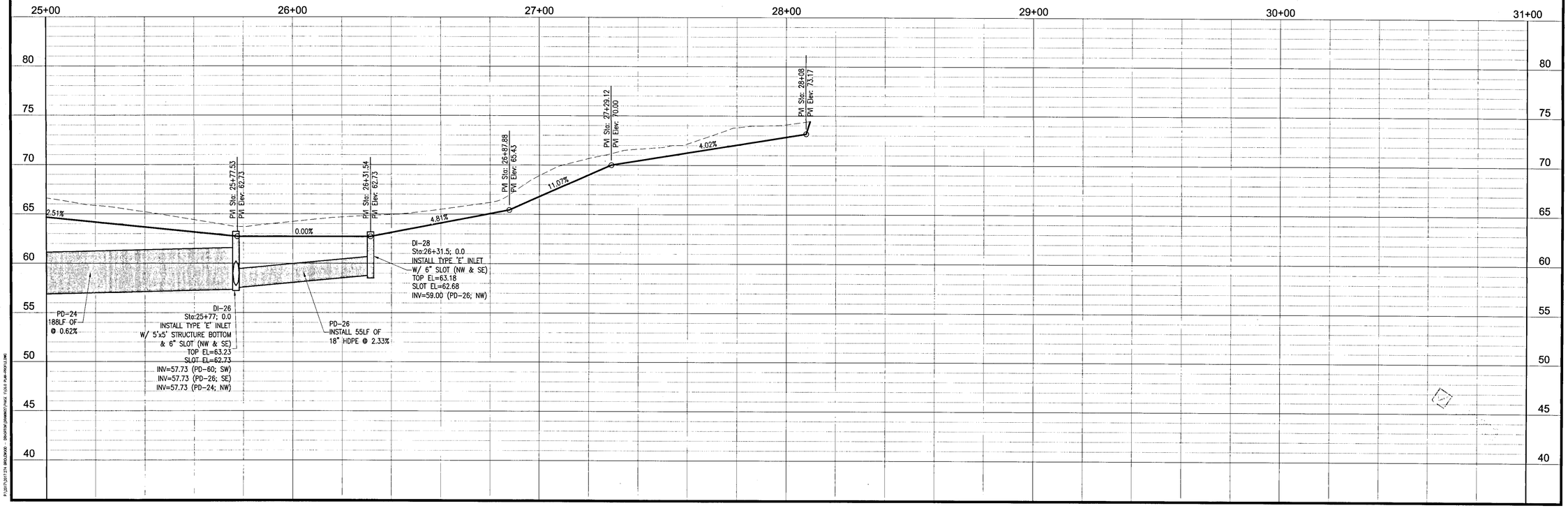

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Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0006567

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 76144
STATE OF FLORIDA
1/24/19
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.3
SHEET 47 OF 65

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INSTALL TYPE 'A' CURB INLET
TOP EL=71.69
EOP EL=71.27
THROAT EL=70.86
INV=61.84 (PD-320; N)

30" RCP @ 1.00%

HORIZONTAL SCALE
(IN FEET)
1 INCH = 20 FT. (24"x36")
1 INCH = 40 FT. (12"x18")

DI-32
Sta:34+76.3; 0.0
INSTALL TYPE 'D' OUTFALL STRUCTURE
TOP EL=64.50
INV=51.38 (PD-32; SW)
INV=51.38 (PD-34; NE)

PD-32
INSTALL 24LF OF
15" HDPE @ 1.55%

MES-42
Sta:41+99.6; 0.0
INSTALL MES
INV=56.00

CO-1
INSTALL CLEANOUT
TOP EL=73.21
INV=65.16 (UD-1; SE)

UD-1
INSTALL 67LF OF
8" TYPE 1 UNDERDRAIN
W/ 8" PERFORATED
SOCK PIPE @ 1.00%

MES-30
Sta:31+51.3; 0.0
INSTALL MES
INV=56.00

PD-30
INSTALL 136LF OF
30" RCP @ 8.28%

PARCEL E
PUBLIC DRY
STORMWATER POND
2.69 ACRES

CI-495
Sta:430+20.5; 16.42L
INSTALL TYPE 'A' CURB INLET
TOP EL=81.50
EOP EL=81.08
THROAT EL=80.67
INV=77.00 (PD-495; SE)

P-80
INSTALL 252LF OF
8" PVC @ 0.40%

LOT 7
0.24 AC

PD-485
24LF OF
DIP @
.89%

PD-497
INSTALL 67LF OF
24" HDPE @ 3.40%

JB-330
Sta:308+78.8; 19.0R
INSTALL JUNCTION BOX
TOP EL=80.37
INV=72.58 (PD-497; SW)
INV=72.58 (PD-335; SE)
INV=67.26 (PD-30; N)

PD-495
INSTALL 33LF OF
18" RCP @ 0.37%

CI-497
Sta:430+20.5; 16.42R
INSTALL TYPE DOUBLE 'A' CURB INLET
TOP EL=81.50
EOP EL=81.08
THROAT EL=80.67
INV=74.86 (PD-497; NE)
INV=74.86 (PD-485; SW)
INV=76.88 (PD-495; NW)

LOT 18
0.16 AC

LOT 19
0.17 AC

P-85
INSTALL 200LF OF

CO-3
INSTALL CLEANOUT
TOP EL=82.43
INV=63.75 (UD-2; NW)
INV=63.75 (UD-3; NE)

UD-3
INSTALL 100LF OF
8" TYPE 1 UNDERDRAIN
W/ 8" PERFORATED
SOCK PIPE @ 1.00%

CO-4
INSTALL CLEANOUT
TOP EL=79.59
INV=62.75 (UD-3; SW)
INV=62.75 (UD-4; E)

UD-4
INSTALL 100LF OF
8" TYPE 1 UNDERDRAIN
W/ 8" PERFORATED
SOCK PIPE @ 1.00%

CO-5
INSTALL CLEANOUT
TOP EL=73.56
INV=61.75 (UD-4; W)
INV=61.75 (UD-5; N)

29+00 30+00 31+00 32+00 33+00 34+00 35+00

90 85 80 75 70 65 60 55 50

JB-330
Sta:308+78.8; 19.0R
INSTALL JUNCTION BOX
TOP EL=80.37
INV=72.58 (PD-497; SW)
INV=72.58 (PD-335; SE)
INV=67.26 (PD-30; N)

PD-30
INSTALL 136LF OF
30" RCP @ 8.28%

MES-30
Sta:31+51.3; 0.0
INSTALL MES
INV=56.00

DI-32
Sta:34+76.3; 0.0
INSTALL TYPE 'D' OUTFALL STRUCTURE
TOP EL=64.50
INV=51.38 (PD-32; SW)
INV=51.38 (PD-34; NE)

PD-32
INSTALL 24LF OF
15" HDPE @ 1.55%

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EB 0000572

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.4
SHEET 48 OF 65

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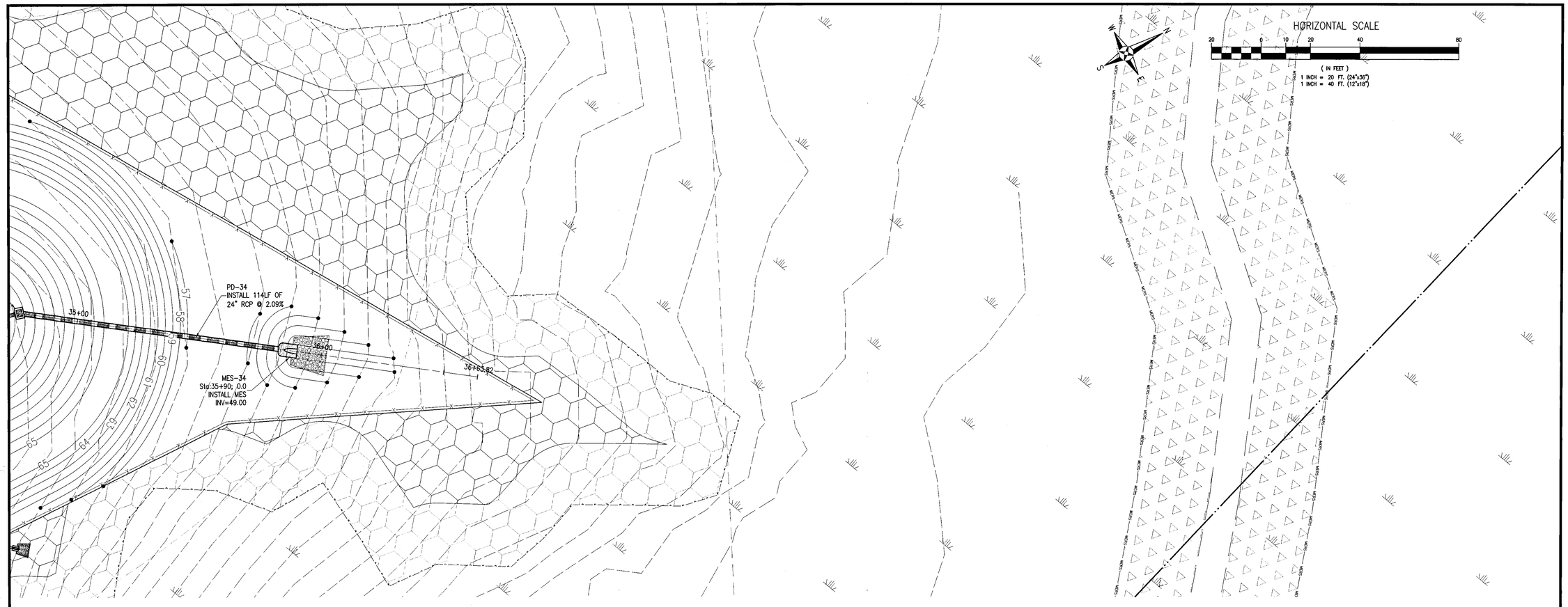

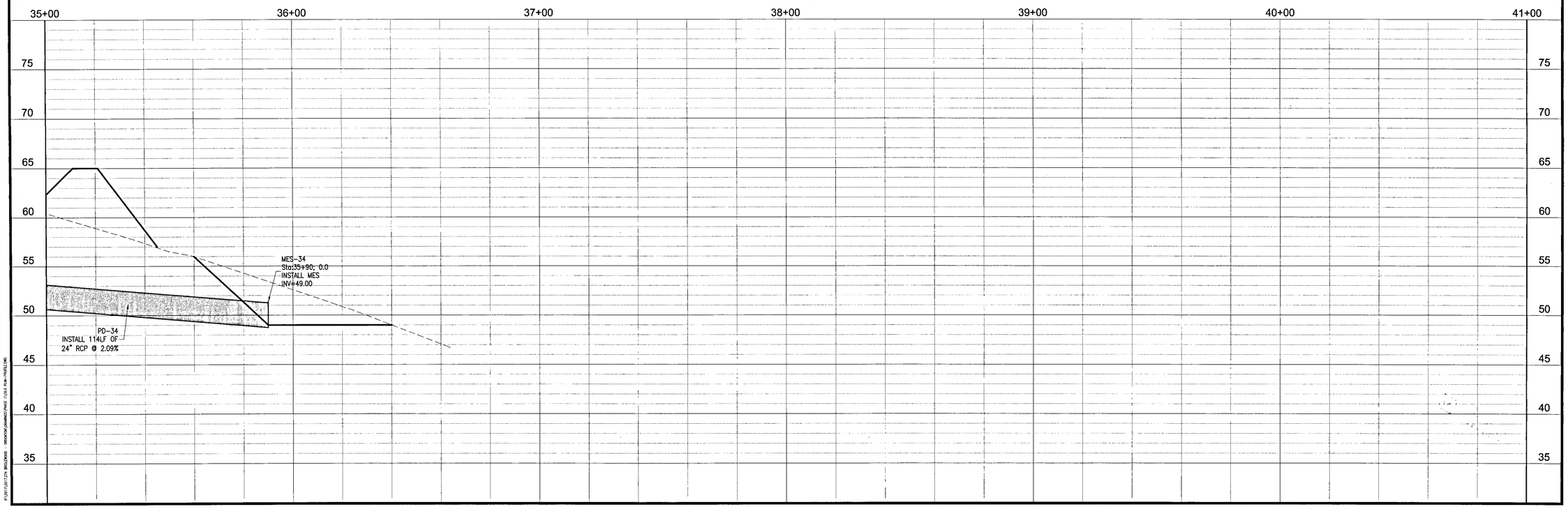

RBA
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Civil and Environmental Engineers
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Pensacola, Florida 32503
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EB 0000682

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING LICENSE No. 76144 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.5
SHEET 49 OF 65

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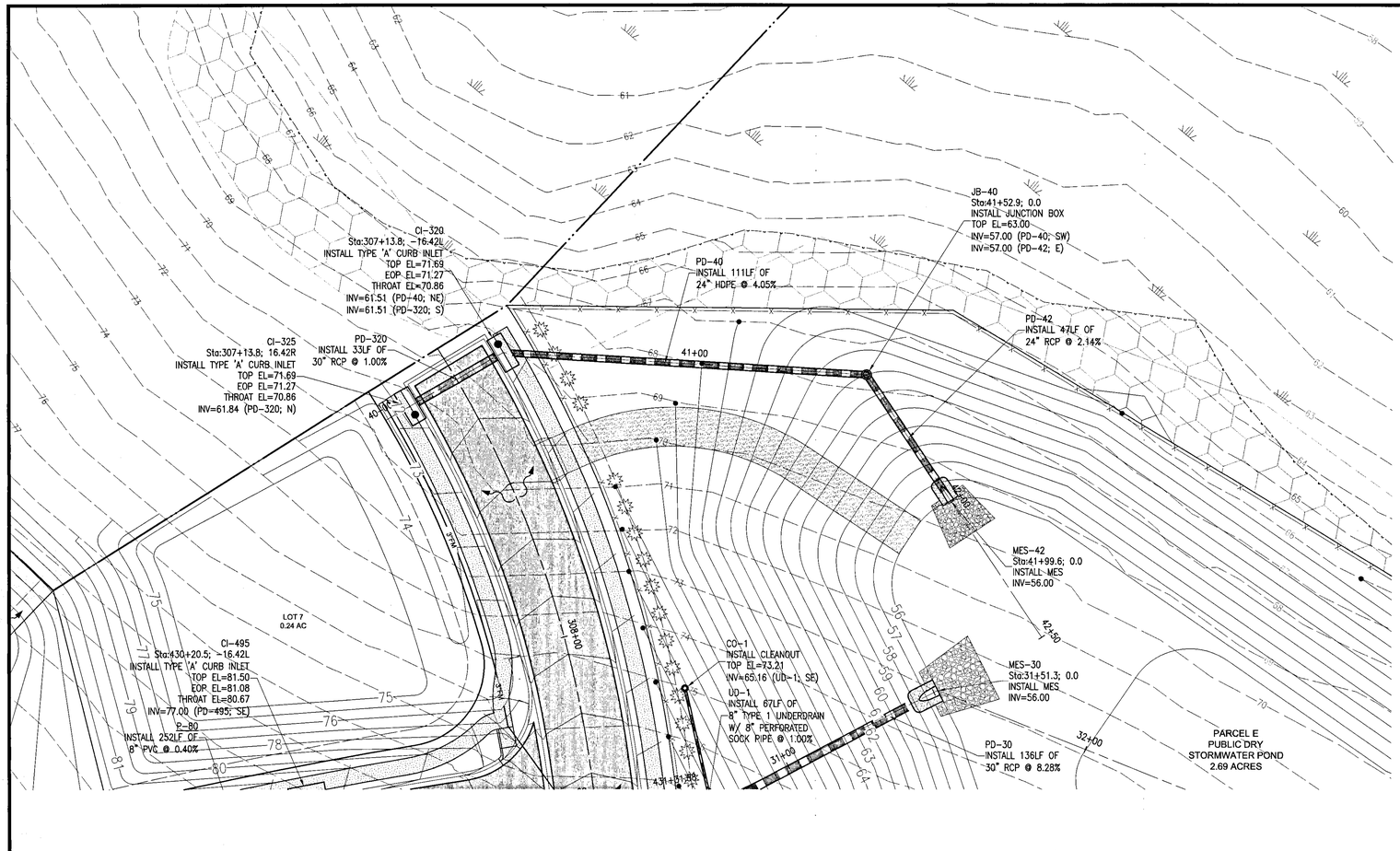

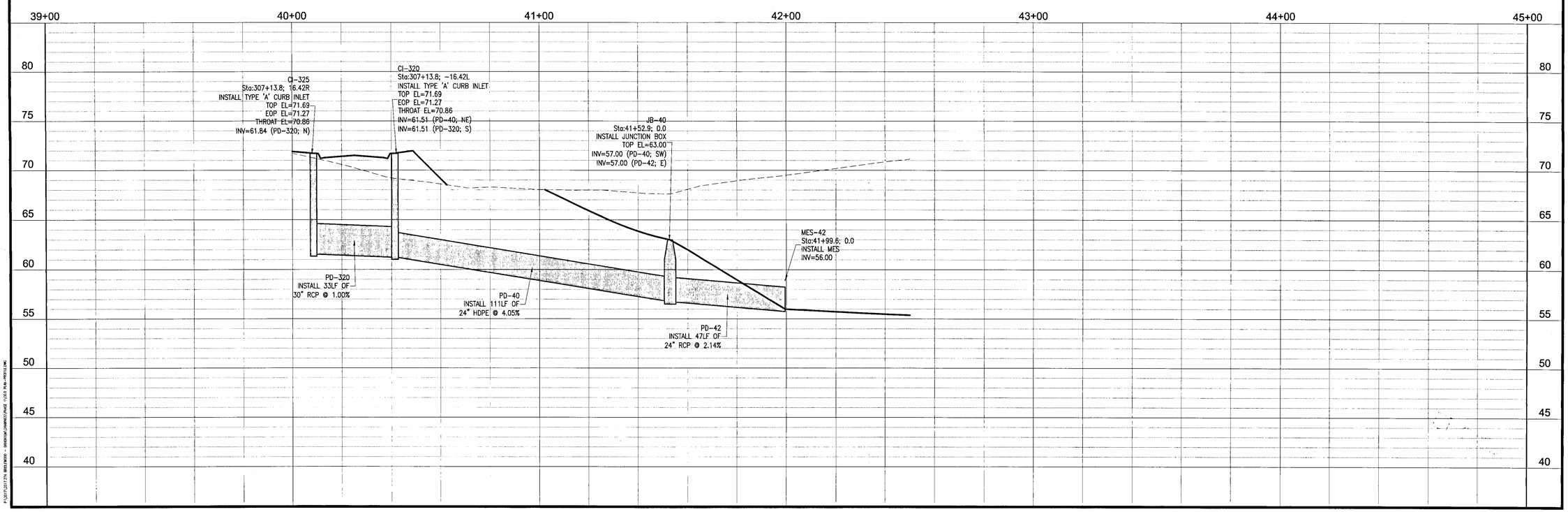

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EB 0005957

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.6
SHEET 50 OF 65

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PD-497
INSTALL 67LF OF
24" HDPE @ 3.40%

JB-330
Sta:308+78.8; 19.0R
INSTALL JUNCTION BOX
TOP EL=80.37
INV=72.58 (PD-497; SW)
INV=72.58 (PD-335; SE)
INV=67.26 (PD-30; N)

PD-335
INSTALL 118LF OF
30" HDPE @ 6.45%

LOT 18
0.16 AC

PD-340
INSTALL 33LF OF
18" RCP @ 3.95%

CI-335
Sta:309+96.9; 16.42R
INSTALL TYPE 'A' CURB INLET
TOP EL=85.71
EOP EL=85.29
THROAT EL=84.88
INV=80.20 (PD-335; NW)
INV=80.20 (PD-340; NE)
INV=80.20 (PD-345; SE)

P-85
INSTALL 290LF OF
8" PVC @ 0.40%

CI-340
Sta:309+95.3; -16.42L
INSTALL TYPE 'A' CURB INLET
TOP EL=85.67
EOP EL=85.25
THROAT EL=84.84
INV=81.50 (PD-340; SW)

CONSTRUCT TYPE 3 DITCH
SEE DETAILS

LOT 9
0.24 AC

LOT 17
0.16 AC

LOT 16
0.18 AC

LOT 8
0.29 AC

PARCEL E
PUBLIC DRY
STORMWATER POND
2.69 ACRES

MES-20
Sta:21+36.7; 0.0
INSTALL MES
INV=55.00

PD-20
INSTALL 125LF OF
42" RCP @ 0.62%

DI-22
Sta:22+62.1; 0.0
INSTALL TYPE 'D' INLET
W/ 6'ø STRUCTURE BOTTOM
& 6" SLOT (SW)
TOP EL=74.50
SLOT EL=74.00
INV=55.78 (PD-22; SE)
INV=55.78 (PD-20; NW)

PD-22
INSTALL 127LF OF
42" RCP @ 0.62%

HORIZONTAL SCALE
20 0 10 20 40 80
(IN FEET)
1 INCH = 20 FT. (24"x36")
1 INCH = 40 FT. (12"x18")

49+00 50+00 51+00 52+00 53+00 54+00 55+00

CI-335
Sta:309+96.9; 16.42R
INSTALL TYPE 'A' CURB INLET
TOP EL=85.71
EOP EL=85.29
THROAT EL=84.88
INV=80.20 (PD-335; NW)
INV=80.20 (PD-340; NE)
INV=80.20 (PD-345; SE)

PVI Sta: 50+55.25
PVI Elev: 83.00

-3.40%

PD-340
INSTALL 33LF OF
18" RCP @ 3.95%

CI-340
Sta:309+95.3; -16.42L
INSTALL TYPE 'A' CURB INLET
TOP EL=85.67
EOP EL=85.25
THROAT EL=84.84
INV=81.50 (PD-340; SW)

PVI Sta: 51+72.92
PVI Elev: 79.00

-1.84%

PVI Sta: 52+81.56
PVI Elev: 77.00

-7.59%

PVI Sta: 53+21.07
PVI Elev: 74.00

-33.33%

DI-22
Sta:22+62.1; 0.0
INSTALL TYPE 'D' INLET
W/ 6'ø STRUCTURE BOTTOM
& 6" SLOT (SW)
TOP EL=74.50
SLOT EL=74.00
INV=55.78 (PD-22; SE)
INV=55.78 (PD-20; NW)

90 85 80 75 70 65 60 55 50

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Telephone 850.438.0446 Fax 850.438.0448
EB 0000957

PLAN & PROFILES

Bridlewood 1ST Addition

AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C6.7
SHEET 51 OF 65

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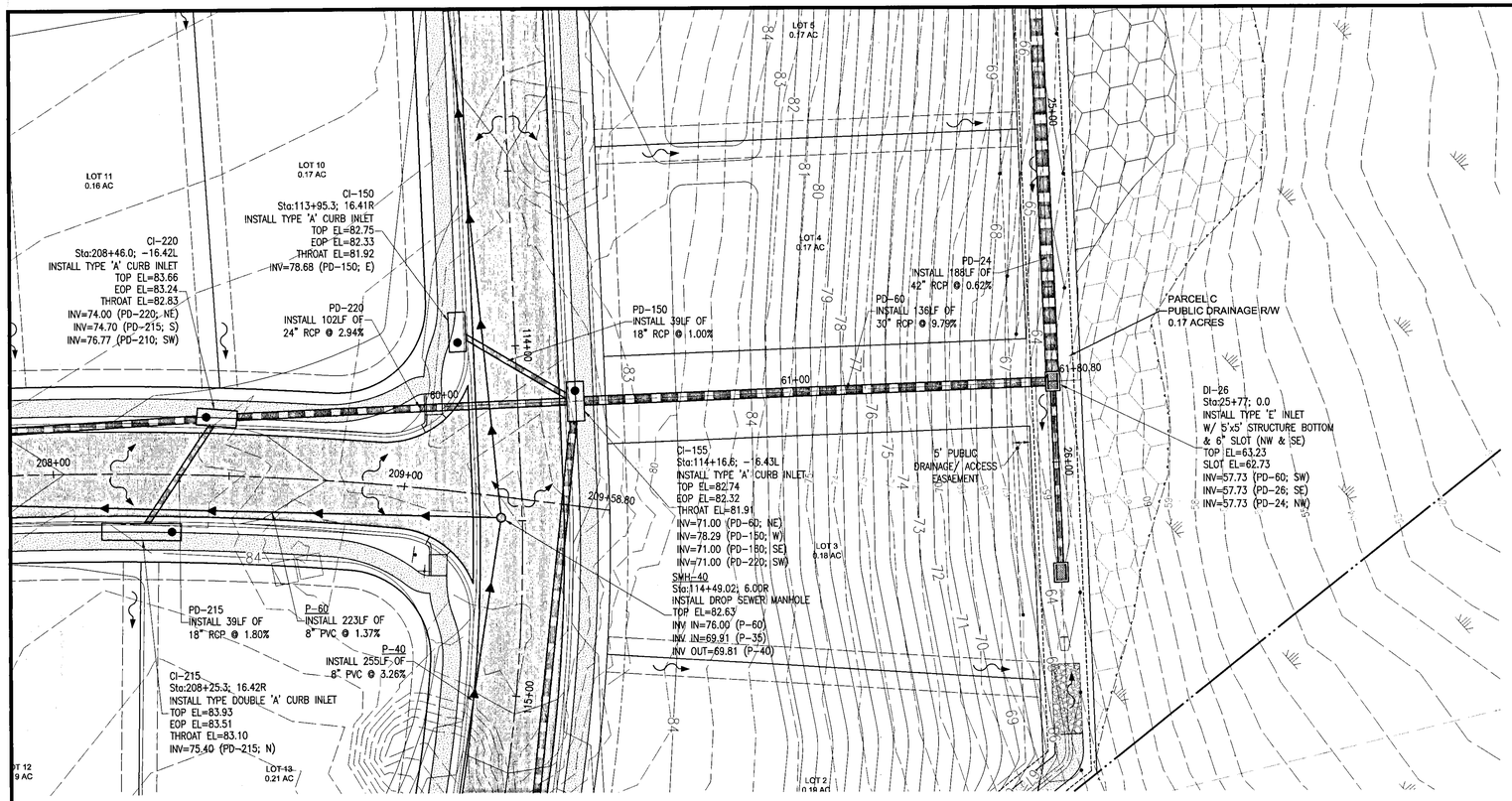

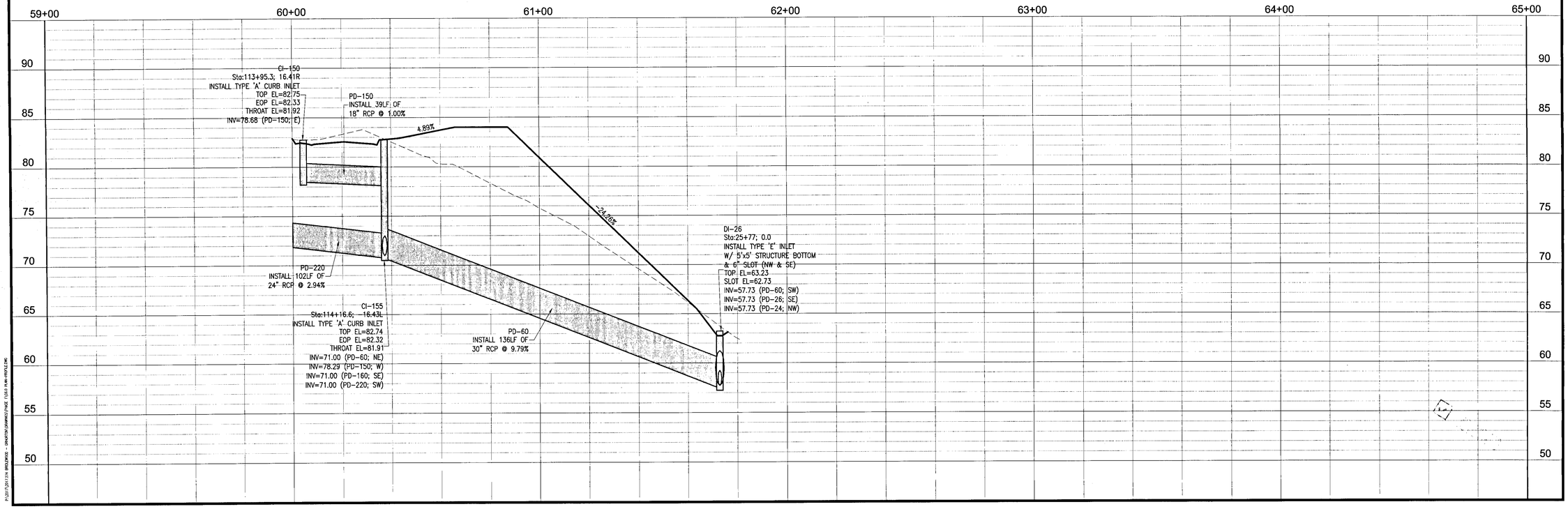

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PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
LICENSED PROFESSIONAL ENGINEER
No. 76144
STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.8
SHEET 52 OF 65

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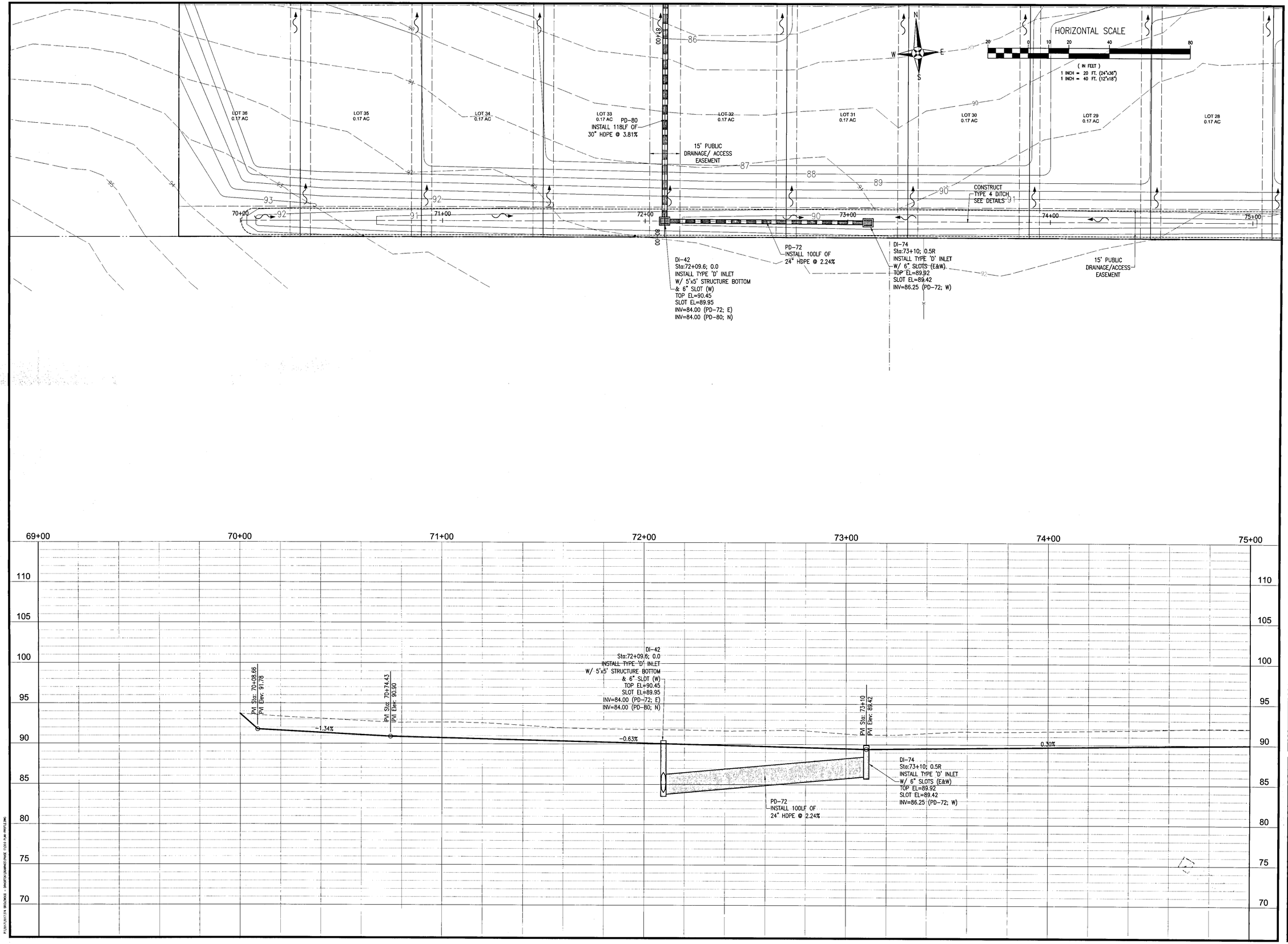

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PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
LICENSE
No. 76144
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.9
SHEET 53 OF 65

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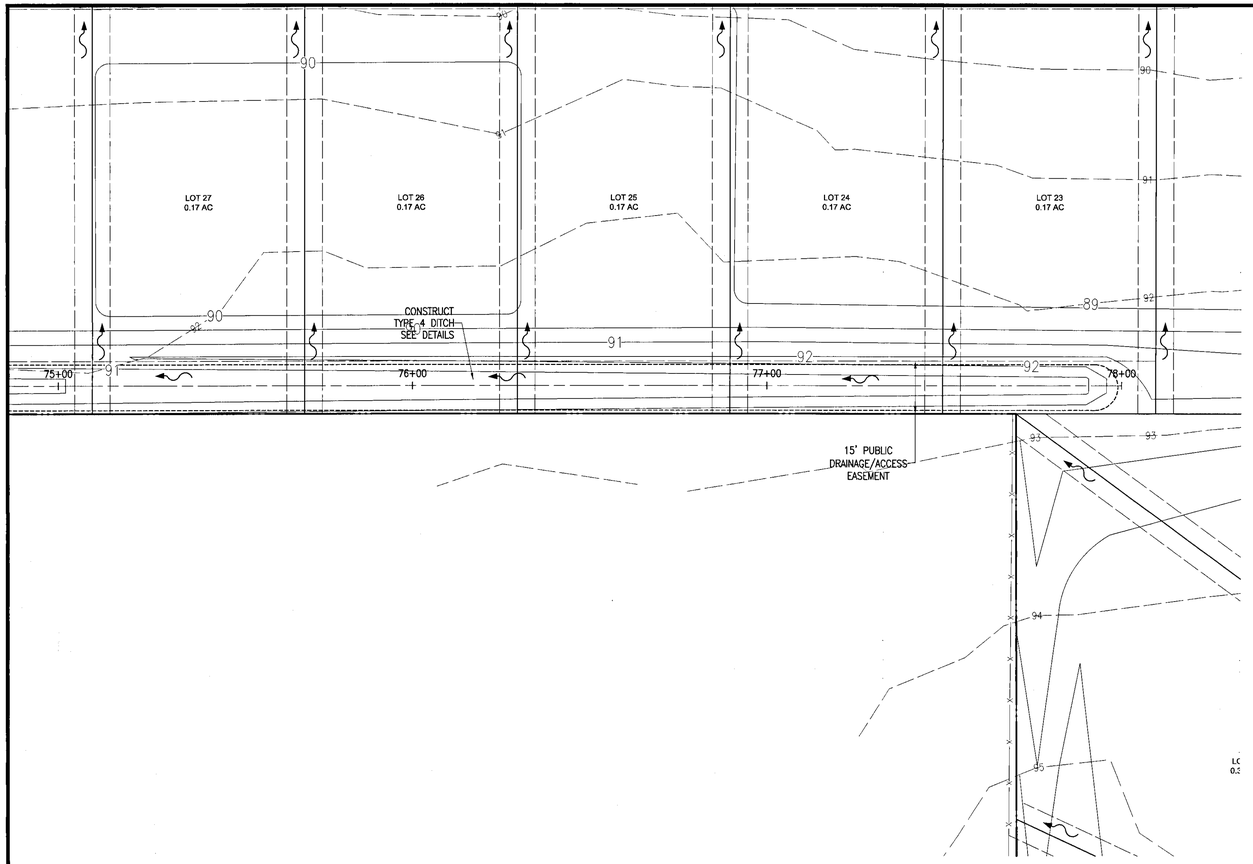

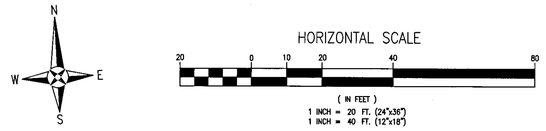

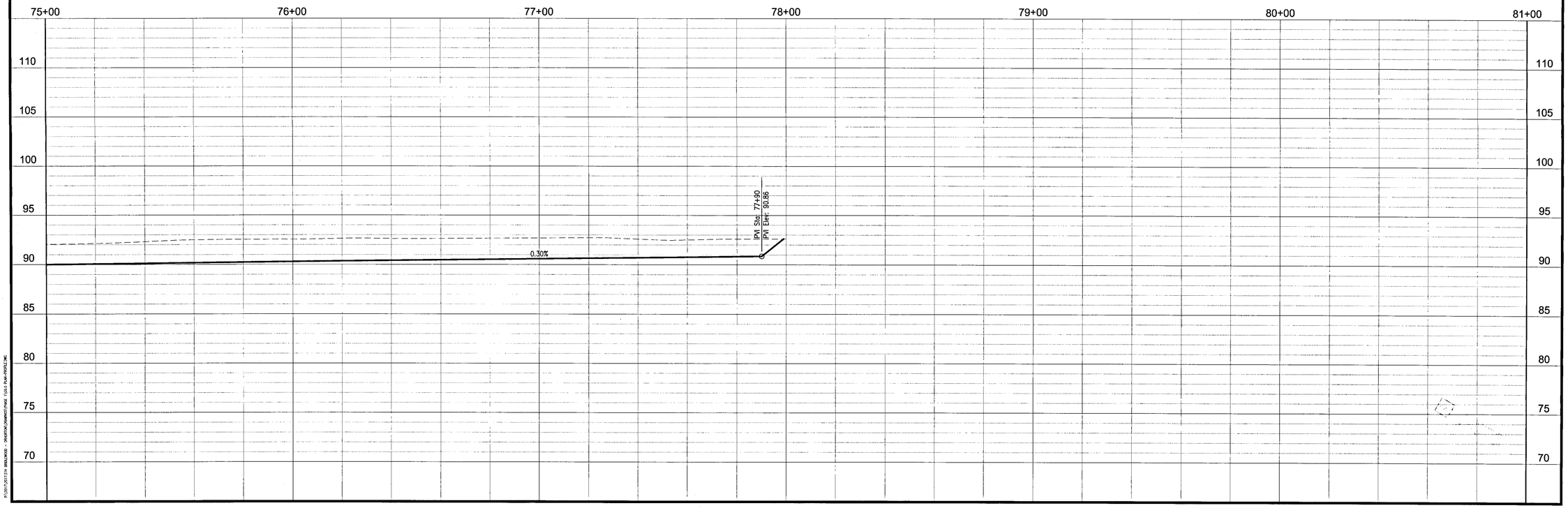

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EB 0026957

PLAN & PROFILES

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.10
SHEET 54 OF 65

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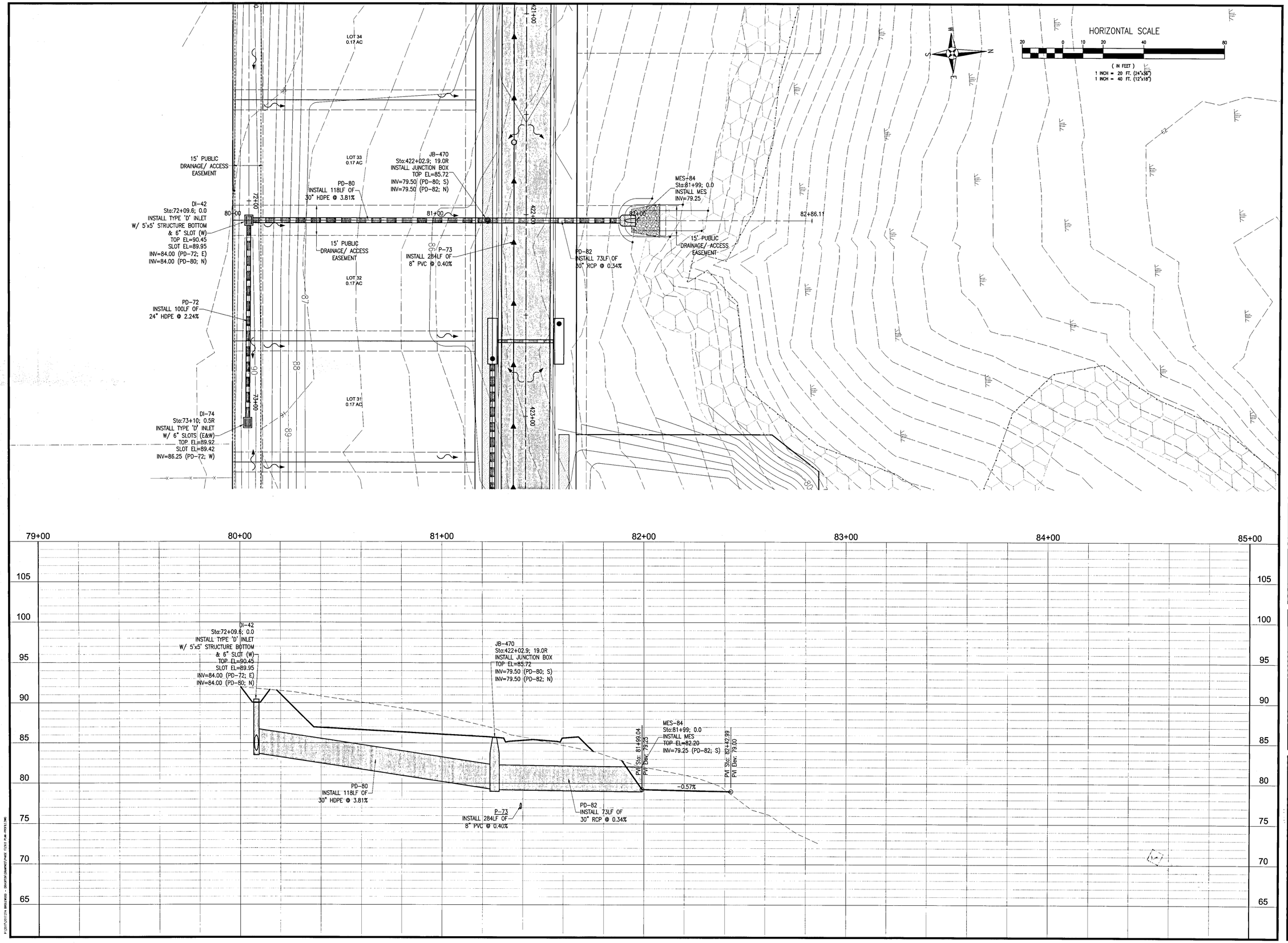

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

PLAN & PROFILES

RBA
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2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.434.0400 Fax 850.436.0448
EB 0006957

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C6.11
SHEET 55 OF 65

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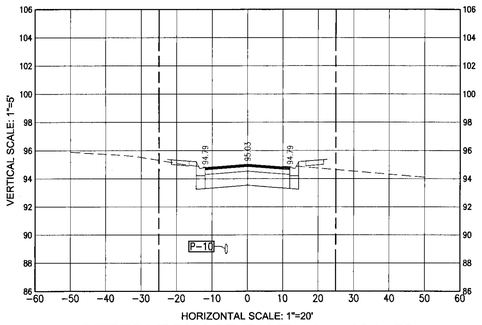

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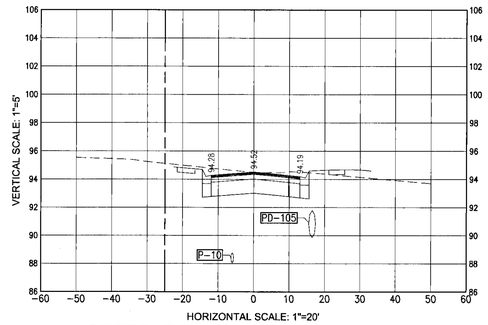

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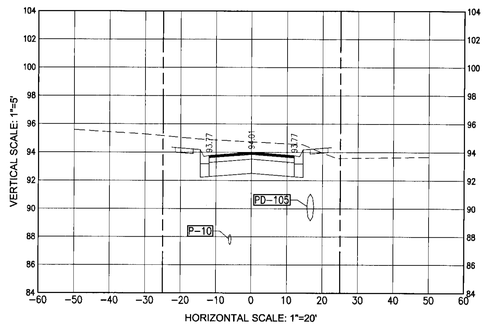

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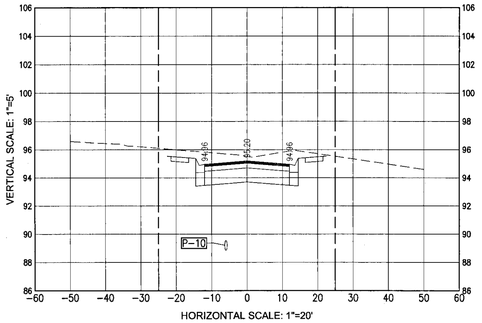

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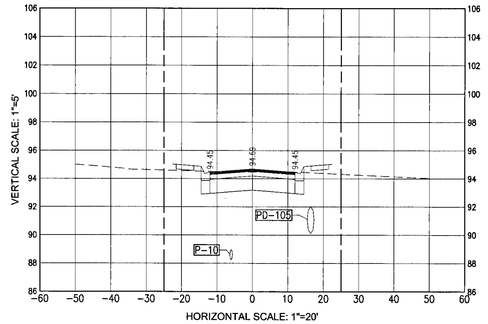

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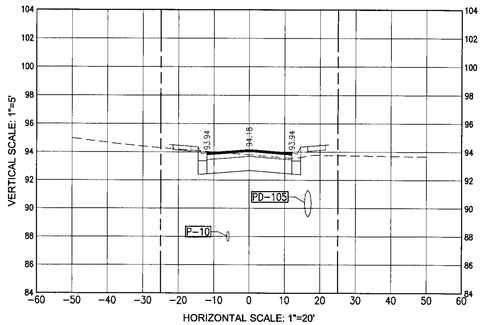

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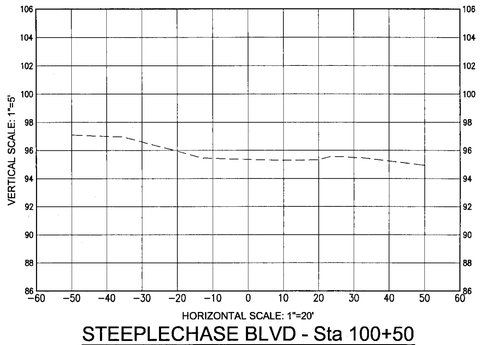

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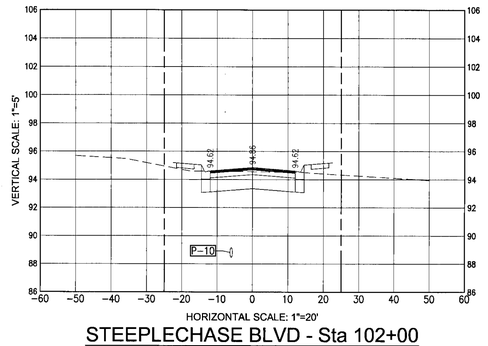

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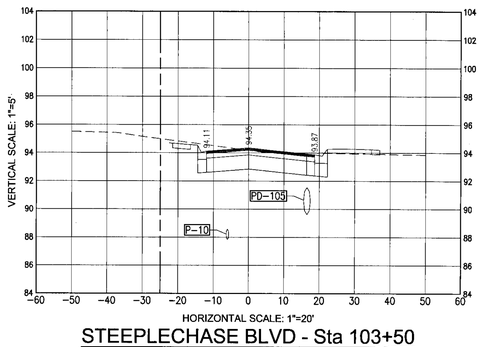

STEEPLECHASE BLVD - Sta 103+50

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Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0005957

CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.

C7.0
SHEET 56 OF 65

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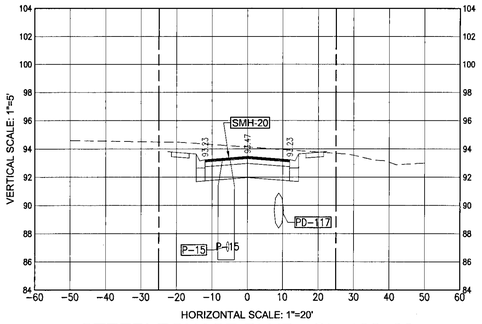

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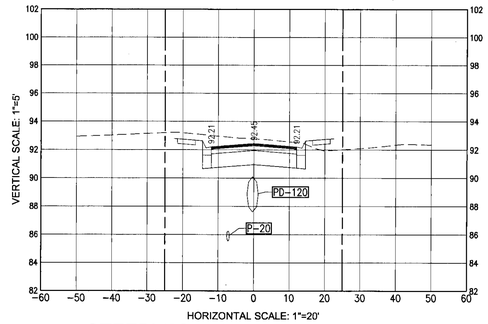

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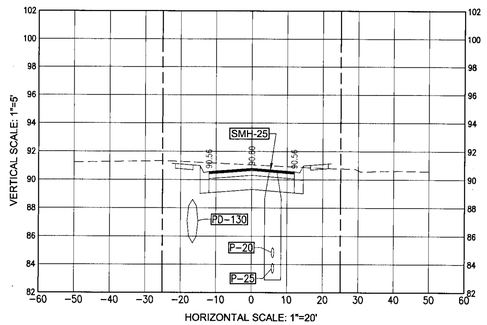
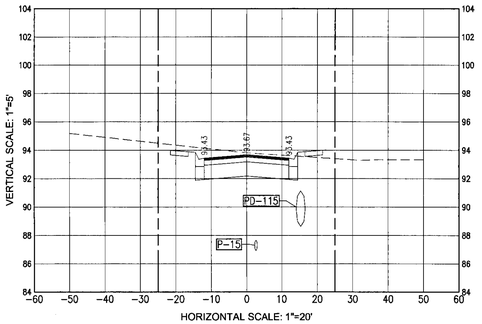


STEEPLECHASE BLVD - Sta 109+00



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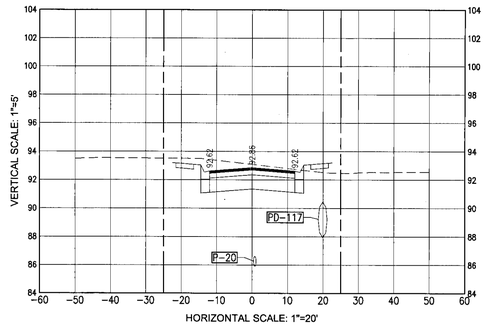

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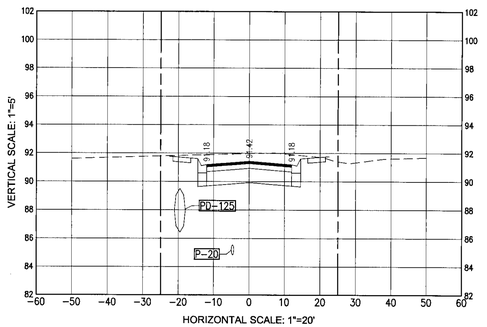

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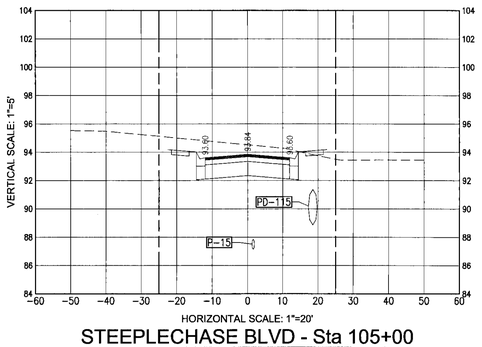

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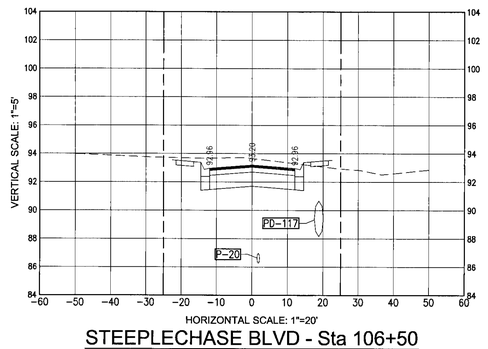

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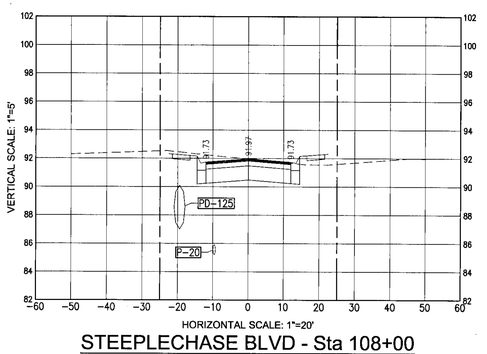

STEEPLECHASE BLVD - Sta 108+00

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
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Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
FB 6000967

CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA REGISTERED
Jeremy R. King P.E. No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.1
SHEET 57 OF 65

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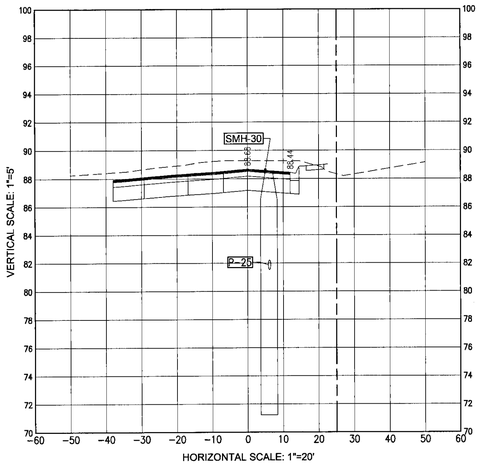
P:\2017\017274 - BRIDLEWOOD - ENGR\FCM\DRAWINGS\PAVE_GRADE_DWGS\C7.1_CROSS SECTIONS.DWG



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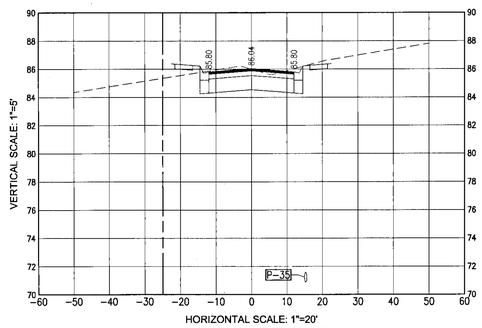

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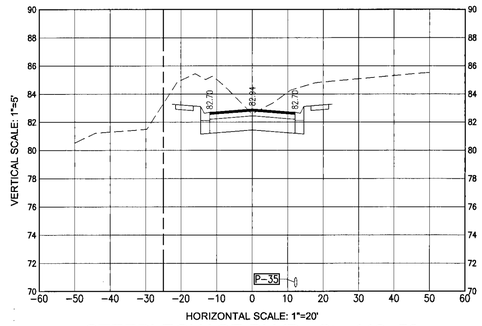

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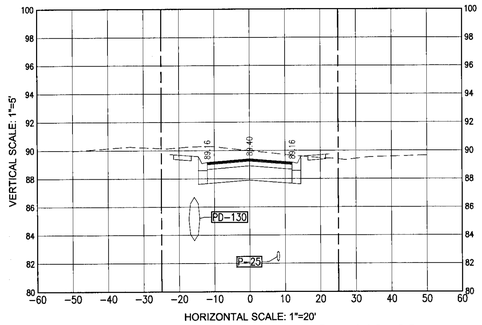

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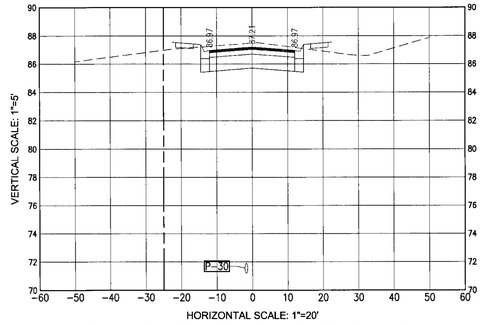

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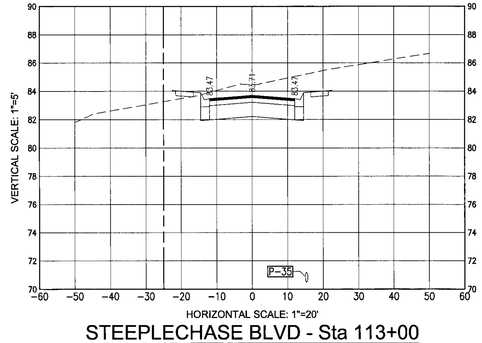

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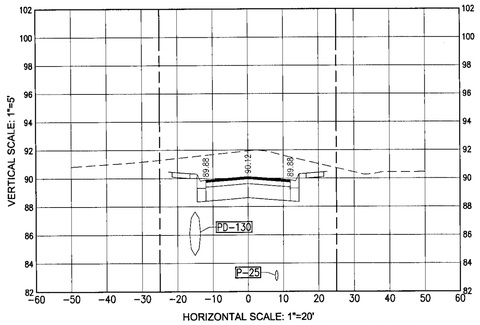

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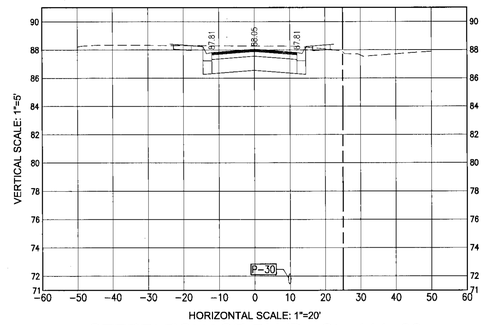

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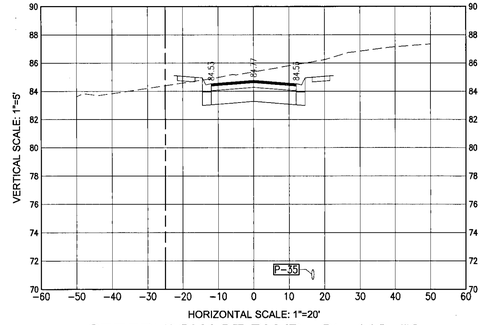

STEEPLECHASE BLVD - Sta 112+50

REBOL-BATTLE & ASSOCIATES
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Pensacola, Florida 32503
Telephone 850.438.0041 Fax 850.438.0448
EB 0000957

CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.2
SHEET 58 OF 65

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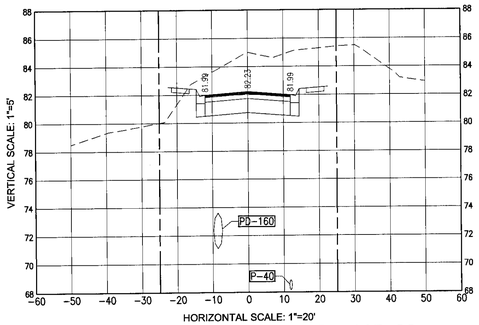

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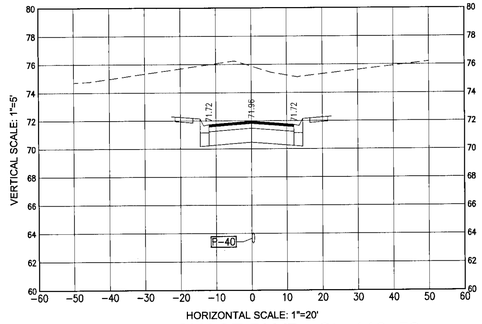

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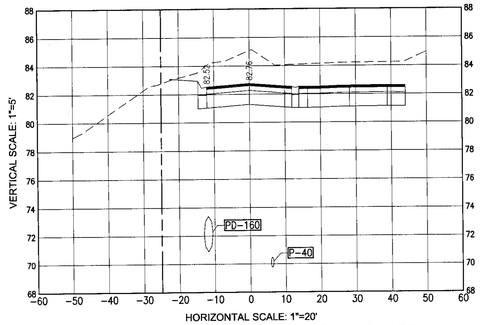

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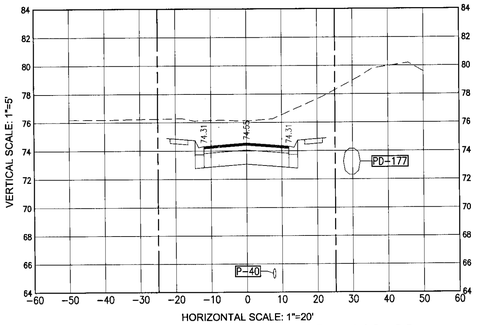

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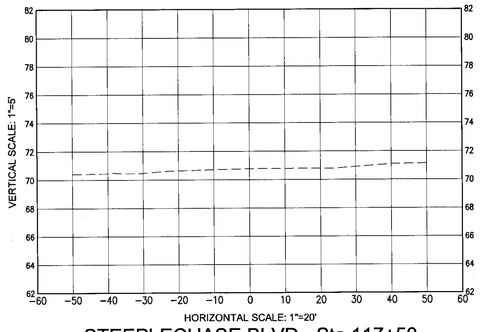

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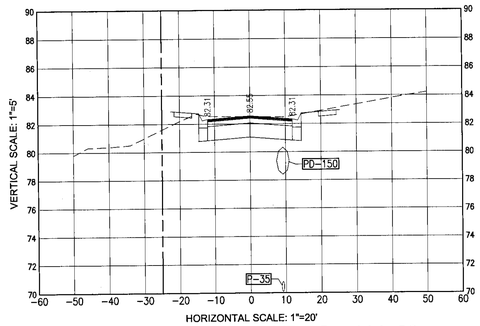

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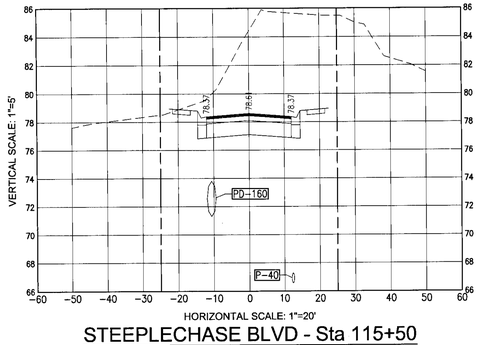

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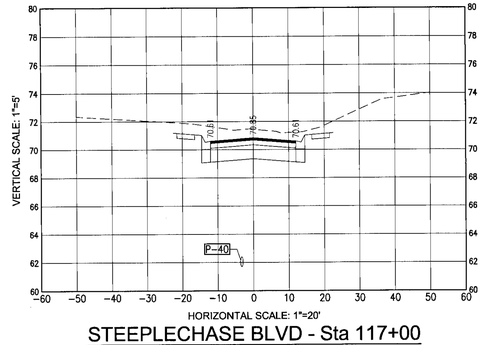

STEEPLECHASE BLVD - Sta 117+00

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
(850) 438-9506 Fax (850) 438-9448
EB 0000957

CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
No 76144
STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.3
SHEET 59 OF 65

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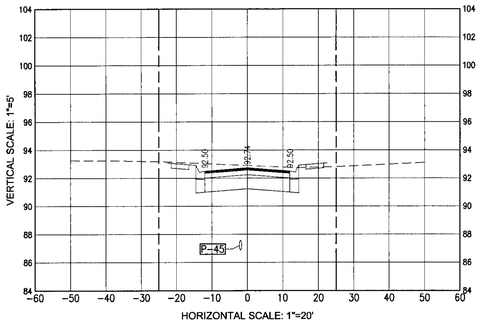
P:\2017\2017.274 BRIDLEWOOD - ENGINEERING\DRAWINGS\PAGE 1\C7.3 CROSS SECTIONS.DWG



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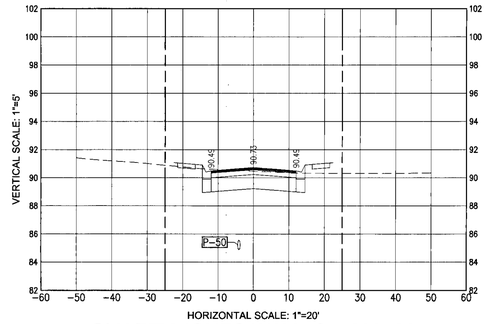

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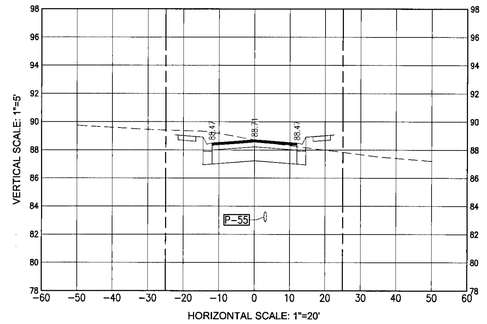

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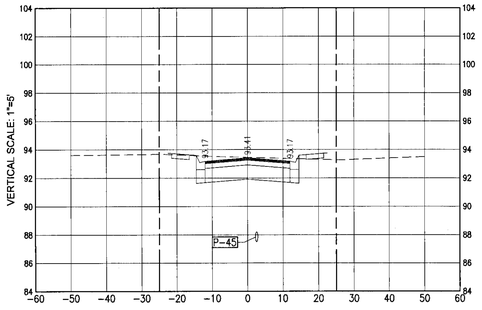

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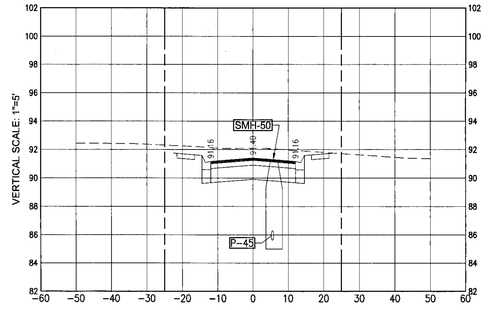

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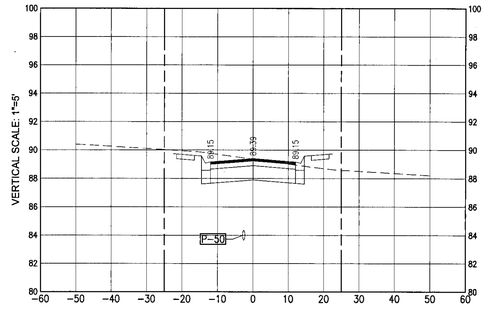

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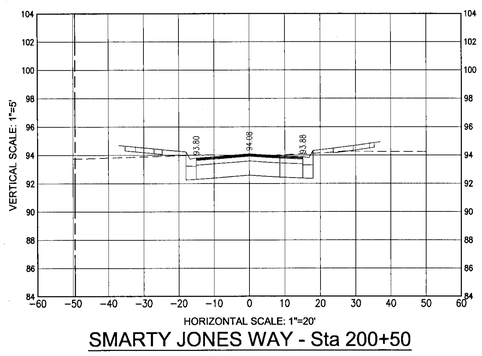

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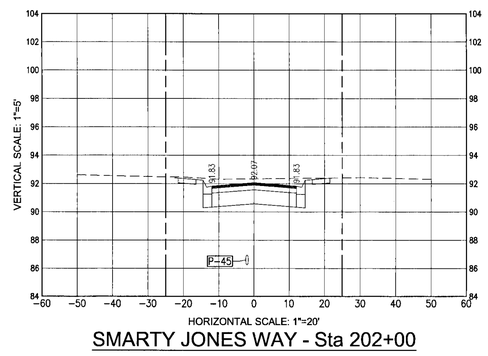

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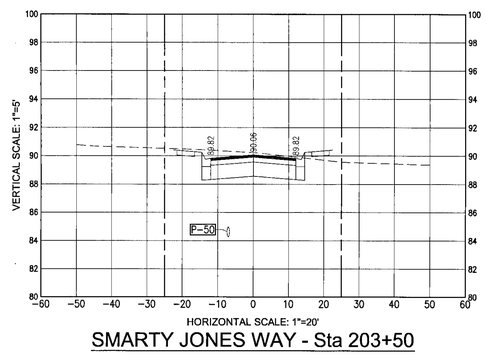

SMARTY JONES WAY - Sta 203+50

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
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Pensacola, Florida 32503
Telephone 850.438.9661 Fax 850.438.9448
ES 0000657

CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 76144
STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.4
SHEET 60 OF 65

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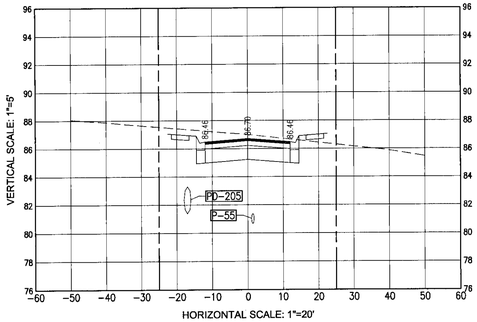
3/28/2019 8:21:18 AM - \\RBA-FS\Shared\Projects\2017\2017.274 BRIDLEWOOD 1ST ADDITION\Civil\Sheets\C7.4 CROSS SECTIONS.dwg



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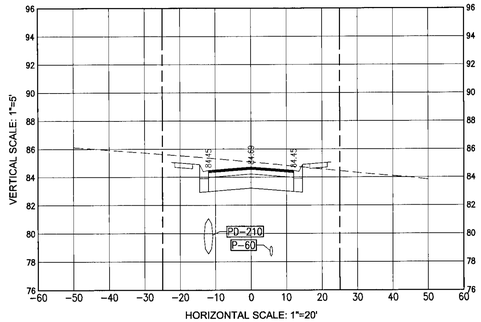

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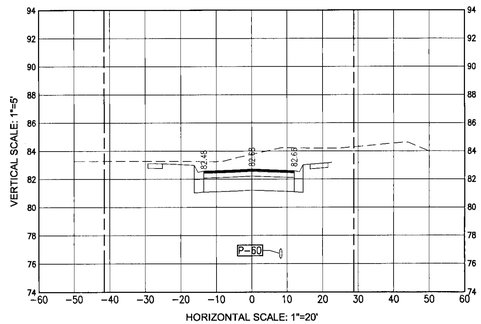

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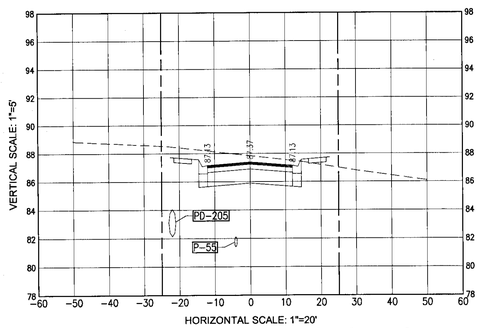

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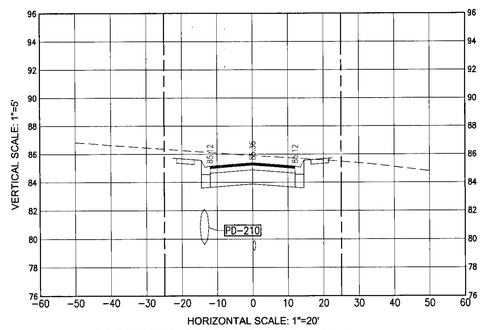

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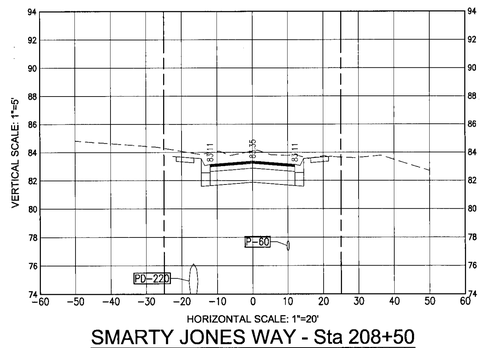

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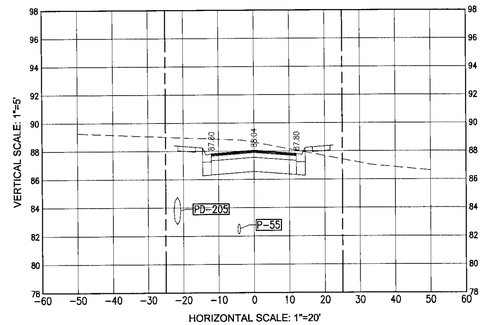

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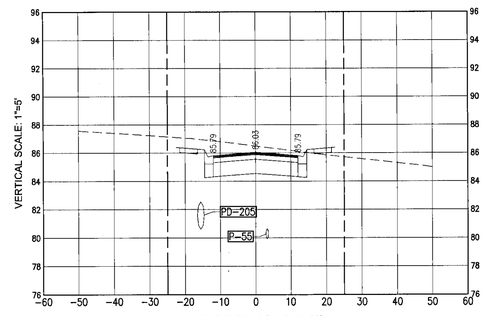

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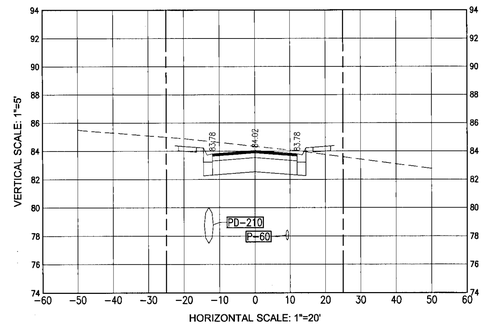

SMARTY JONES WAY - Sta 208+00

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Civil and Environmental Engineers
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Pensacola, Florida 32503
Telephone 850.436.0007 Fax 850.436.0448
EB 00029687

CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 76144
STATE OF
FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.5
SHEET 61 OF 65

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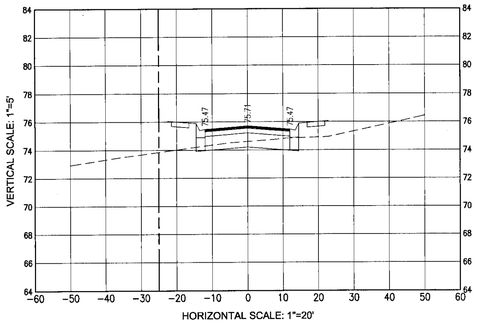
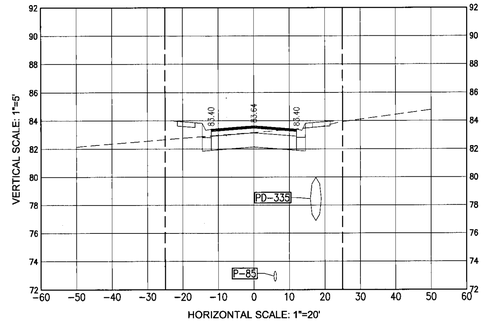
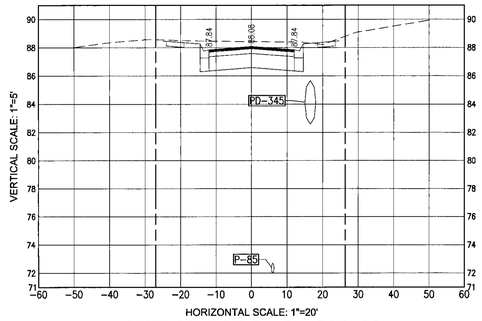
P:\2017\2017.274 BRIDLEWOOD - ENGR\FDK\DRAWINGS\PAGE 11\C7.5 (2005) SECTIONS.DWG



ALYDAR LOOP - Sta 308+00



ALYDAR LOOP - Sta 309+50



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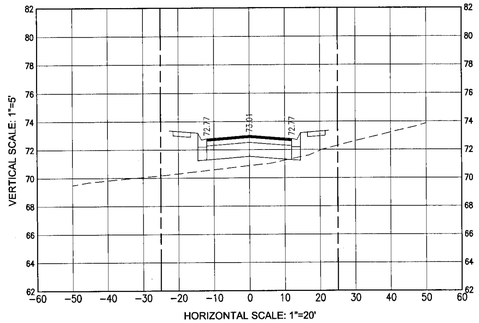

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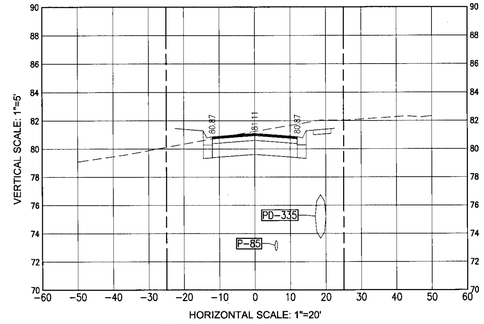

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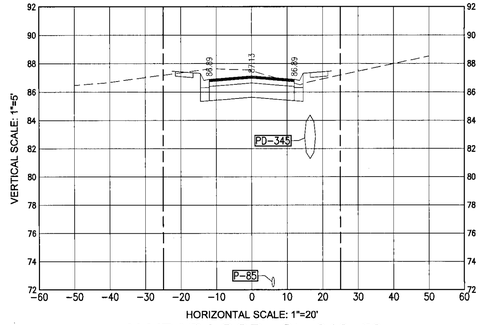

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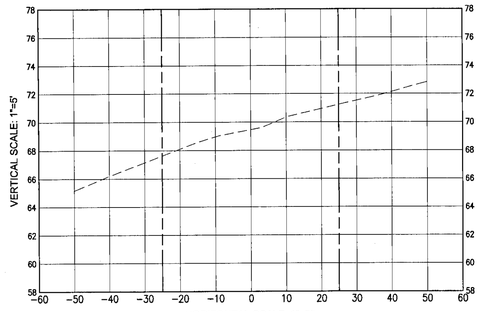

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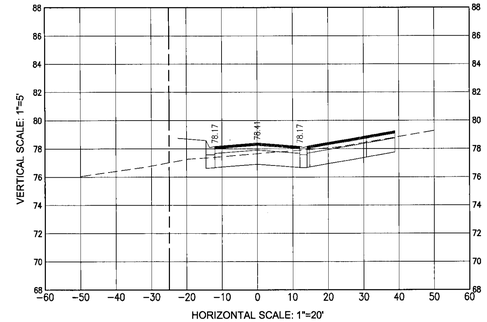

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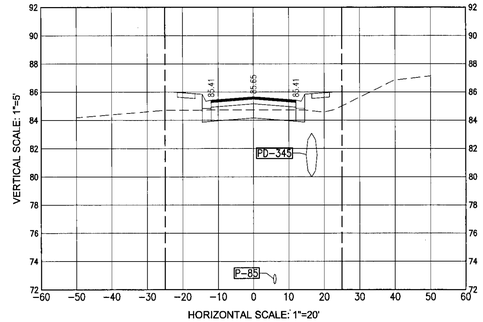

ALYDAR LOOP - Sta 310+00

REBOL-BATTLE & ASSOCIATES
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CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.6
SHEET 62 OF 65

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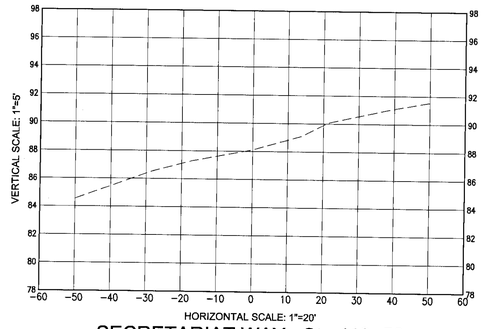
APPROVED WITH COMMENTS

P:\2017\2017.274 BRIDLEWOOD - 1ST\DRAWING\DRAWINGS\PAGE 1\C7.6 CROSS SECTIONS.DWG



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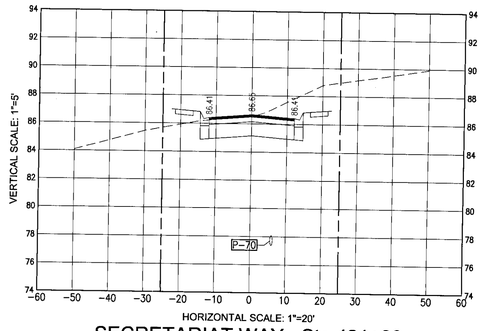

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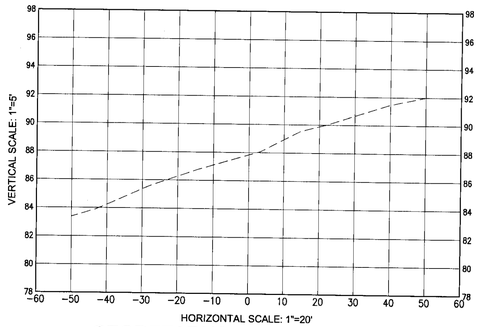

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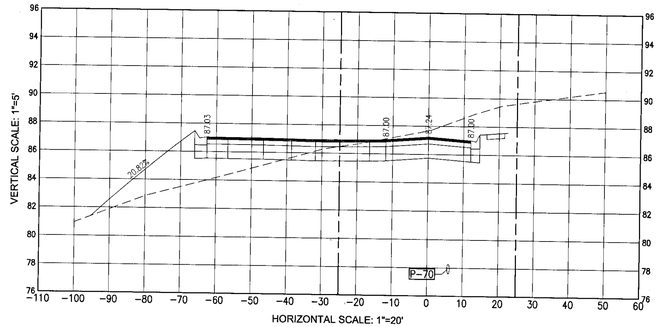

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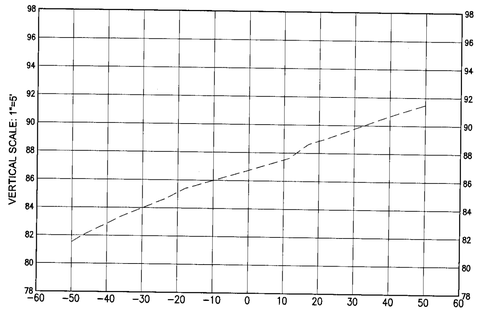

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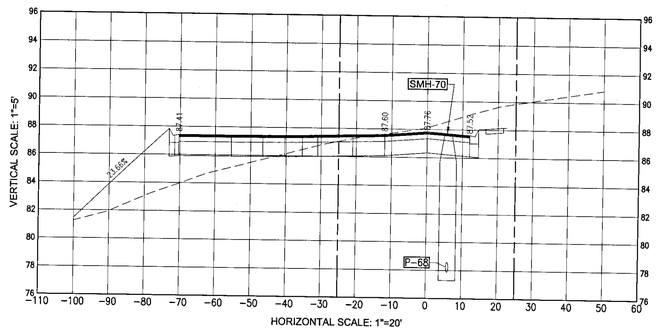

SECRETARIAT WAY - Sta 420+00

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CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.7
SHEET 63 OF 65

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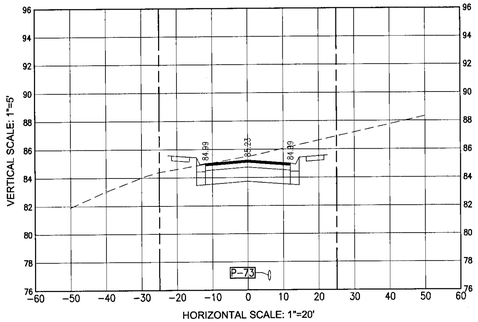

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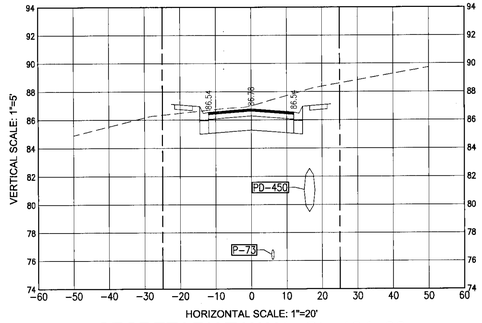

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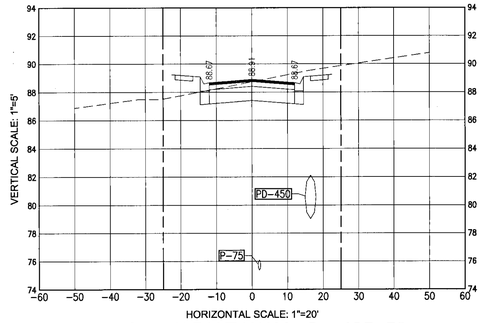

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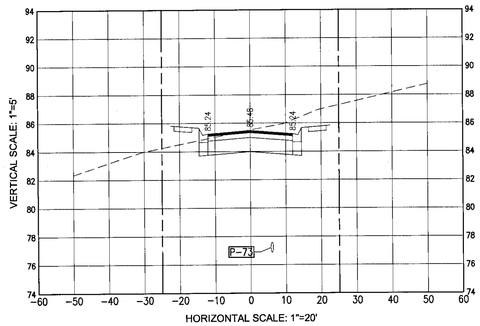

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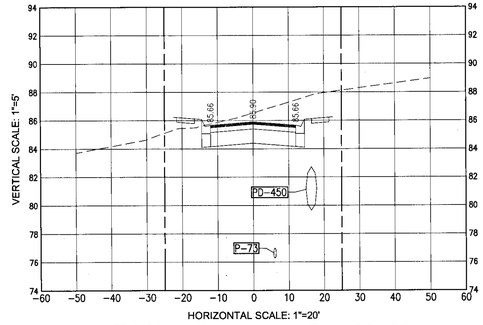

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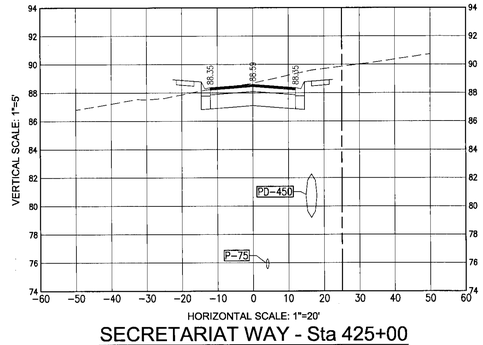

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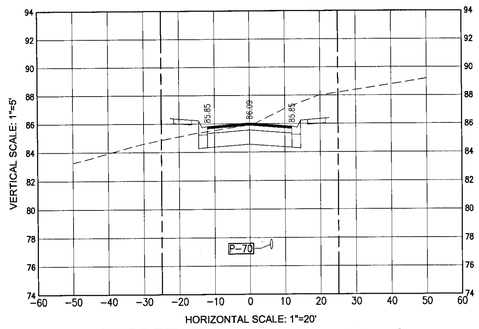

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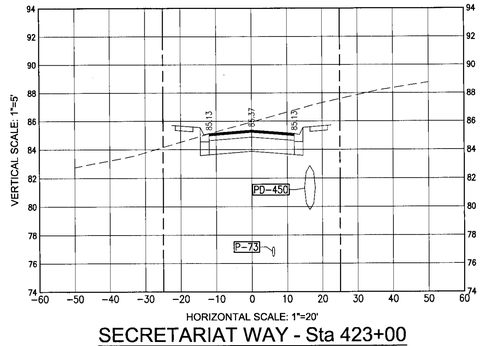

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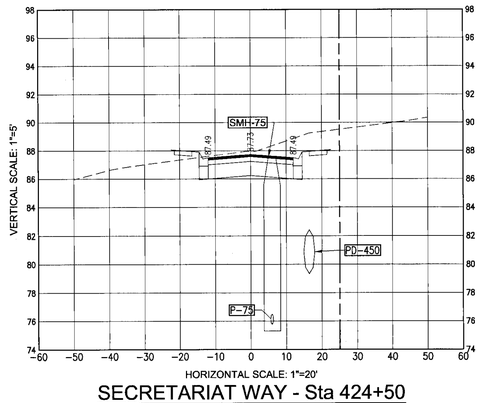

SECRETARIAT WAY - Sta 424+50

REBOL-BATTLE & ASSOCIATES
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(850) 433-1555 Fax 850.438.9448
EB 00009657

CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jeremy R. King, P.E.
No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.8
SHEET 64 OF 65

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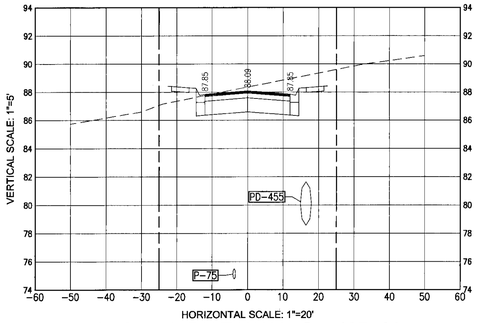

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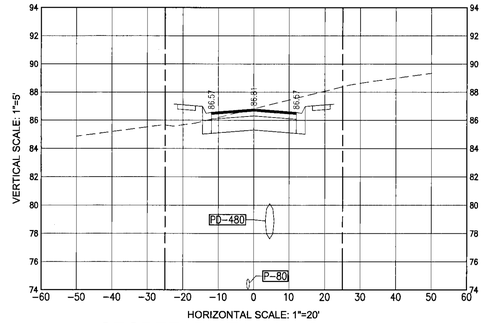

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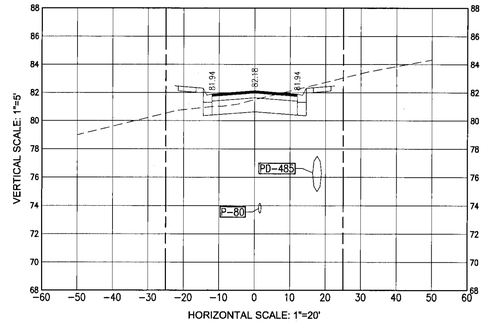

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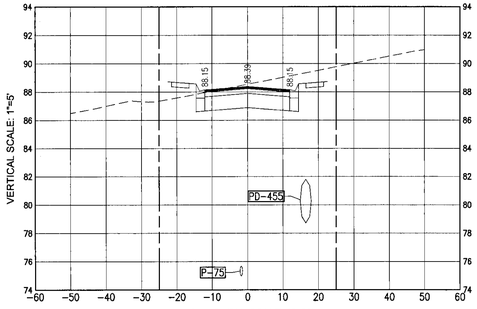

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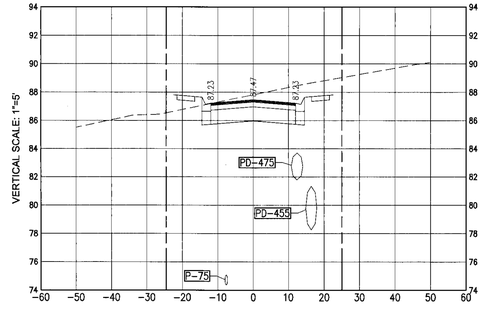

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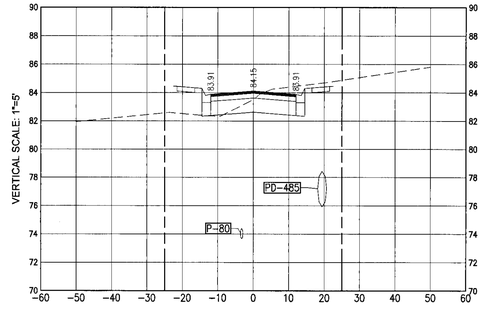

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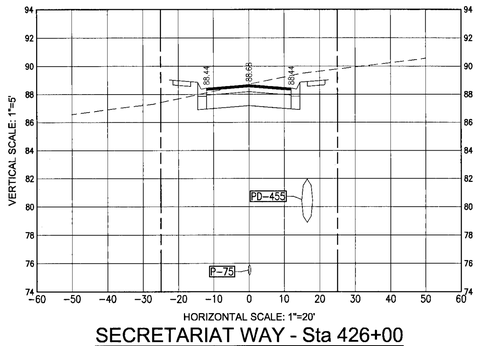

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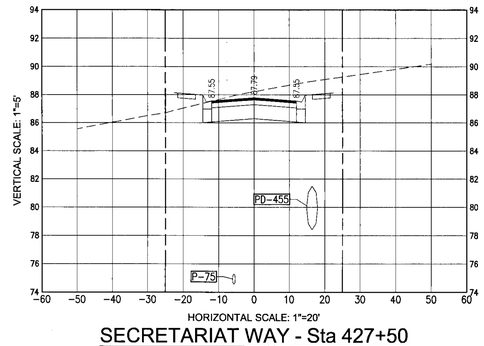

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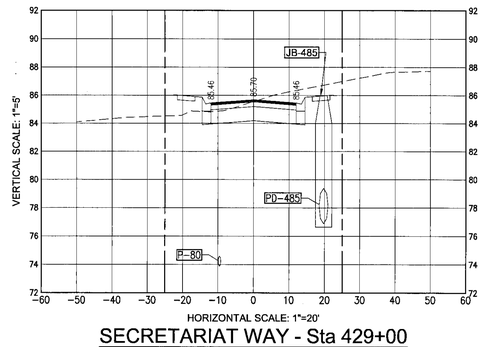

SECRETARIAT WAY - Sta 429+00

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Telephone 850.438.9548 Fax 850.438.9448
EB 0000952

CROSS SECTIONS

Bridlewood 1ST Addition
AN 85 LOT RESUBDIVISION
STEEPLECHASE BOULEVARD
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KIRK LICENSE No. 76144 STATE OF FLORIDA
Jeremy R. Kirk, P.E. No.76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.274
Date: 1/24/2019

DRAWING No.
C7.9
SHEET 65 OF 65

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