

SITE CONSTRUCTION PLANS

FOR

COMMANDERS COVE

A 66 LOT RESIDENTIAL SUBDIVISION

ESCAMBIA COUNTY, FLORIDA

Imperv. Surf. 84,309 Sq ft
Stormwater Ret. 10 % (F)
Total Drainage Fee \$421.55
Pond Maint. Fee: Private

DRAINAGE FEE

ECUA ENGINEERING MANUAL REFERENCE NOTE*
*NOTES SHALL BE INSERTED IN THE UPPER RIGHT CORNER OF TITLE SHEET
*APPLICABLE ONLY TO ECUA INFRASTRUCTURE TO BE CONSTRUCTED IN PUBLIC ROW OR IN UTILITY EASEMENT; NOT TO BE APPLIED TO PRIVATE WATER/SEWER FACILITIES ON PRIVATE PROPERTY (SEE BUILDING CODE)

A. ECUA ENGINEERING MANUAL INCORPORATED BY REFERENCE

THE ECUA ENGINEERING MANUAL, DATED DECEMBER 18, 2014, ALONG WITH UPDATE # 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 PLANS, CONTRACTOR SHALL CONSULT ENGINEER OF RECORD FOR PROPER 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 PORTIONS 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.

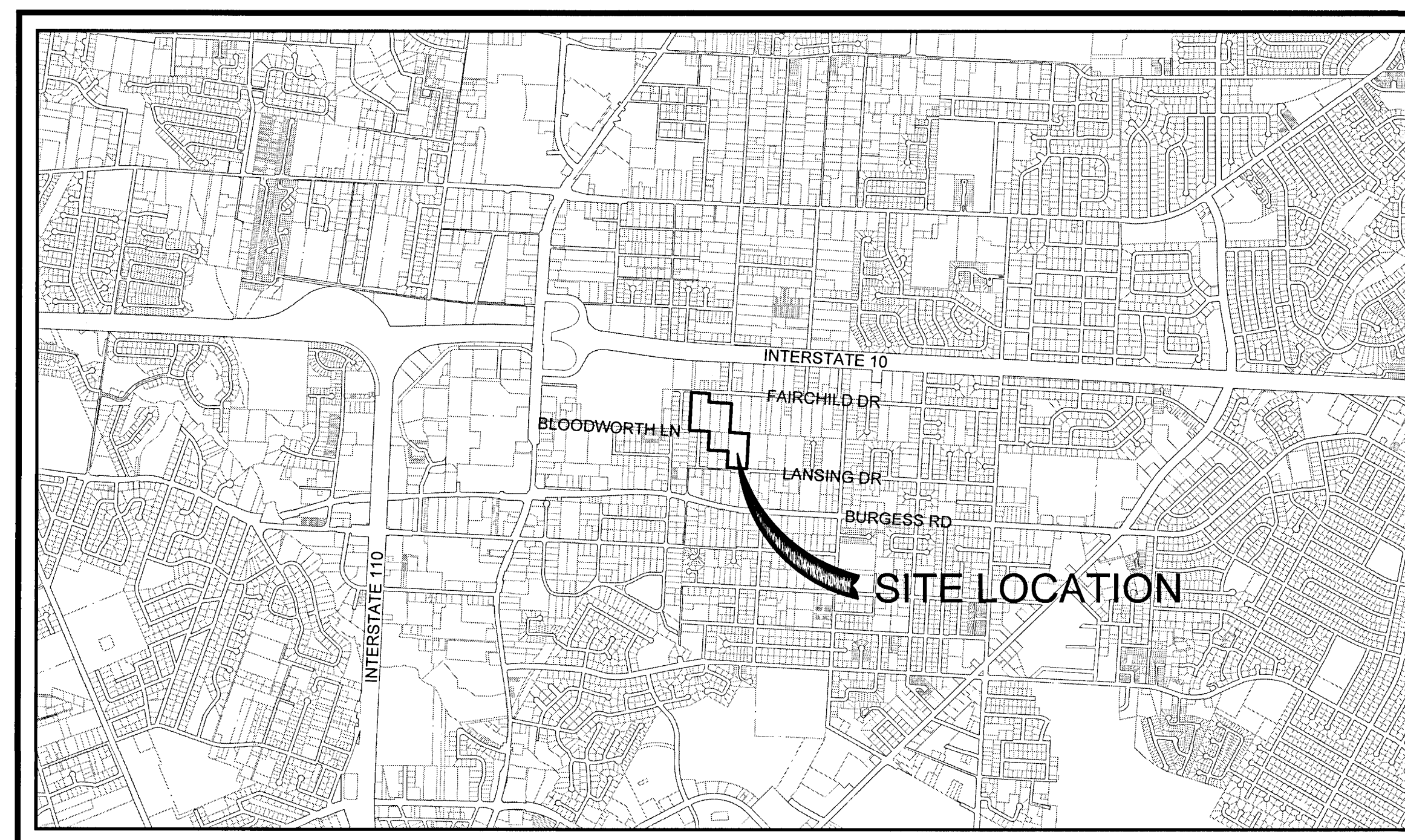
RBA PROJECT NO.: 2017.208

| SITE INFORMATION | |
|---------------------------------|--|
| OWNER: | J & D ENTERPRISES OF PENSACOLA INC PO BOX 6165 PENSACOLA, FL 32503-0165 |
| DEVELOPER: | |
| PROPERTY REFERENCE NO: | 31-1S-30-1000-000-117, 31-1S-30-1000-000-116, 31-1S-30-1000-000-115, 31-1S-30-1000-000-114, 31-1S-30-2102-003-001, 31-1S-30-2102-002-001, 31-1S-30-2102-001-001, 31-1S-30-1901-020-004 |
| PROPERTY ADDRESS: | 1300 BLK LANSING DRIVE |
| PROPERTY AREA: | 16.224 ACRES |
| PROJECT AREA: | 16.224 ACRES |
| PROPERTY ZONING: | HDR |
| FUTURE LAND USE: | MU-U Mixed-Use Urban |
| PROPOSED ACTIVITY: | SUBDIVISION |
| LOT WIDTH: | FOR ANY NEW LOT WITH A MAJORITY OF ITS FRONTAGE ALONG THE OUTSIDE OF A STREET RIGHT-OF-WAY CURVE WHOSE RADIUS IS 100 FEET OR LESS, THE MINIMUM LOT WIDTH AT THE RIGHT-OF-WAY IS 40 PERCENT OF THE RADIUS LENGTH, BUT NOT LESS THAN 20 FEET. THE MINIMUM WIDTH FOR ALL OTHER NEW LOTS IS AS FOLLOWS: |
| REQUIRED BUILDING SETBACKS HDR: | FRONT AND REAR: 20' IN THE FRONT & 15' IN THE REAR. SIDES: 10' OR 10% OF THE LOT WIDTH AT THE FRONT BUILDING LINE, WHICHEVER IS LESS, BUT AT LEAST 5'. FOR STRUCTURES EXCEEDING 35' ABOVE HIGHEST ADJACENT GRADE, AN ADDITIONAL 2' FOR EACH ADDITIONAL 10' IN HEIGHT, BUT NOT REQUIRED TO EXCEED 15'. |

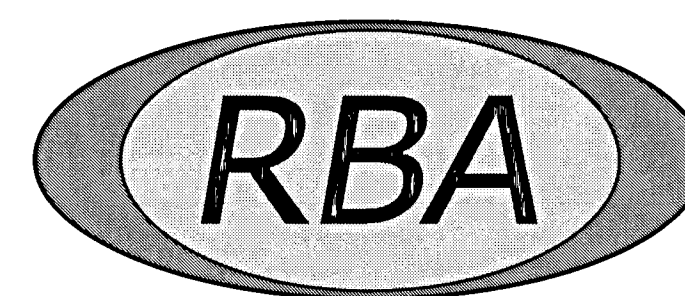
| FEMA FLOOD INSURANCE RATE MAP INFORMATION | | | | | |
|---|---------------|---------|-----------|--------|-------------------|
| THE PARCEL SHOWN FOR DEVELOPMENT IS LOCATED WITHIN THE FOLLOWING FLOOD ZONE(S) AS DETAILED BY FEMA FIRM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW: | | | | | |
| FLOOD ZONE(S) | COMMUNITY No. | MAP No. | PANEL No. | SUFFIX | MAP REVISION DATE |
| X | 120080 | 12033C | 315/380 | G | SEPT 29, 2006 |

| CONTACTS | |
|--|--|
| 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 ST. PENSACOLA, FLORIDA 32514 | CONTACT: TONY JOHNSON PHONE: 850.969.6679 |
| 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 BLANKINSHIP PHONE: 850.436.1489 |
| ESCAMBIA COUNTY PUBLIC WORKS 3363 WEST PARK PLACE PENSACOLA, FLORIDA 32501 | CONTACT: MRS. JOHNNY PETTIGREW PHONE: 850.595.3404 |
| MCI | PHONE: 800.624.9675 |
| SUNSHINE UTILITIES | PHONE: 800.432.4770 |

APRIL 2021



VICINITY MAP
SCALE: 1" = 2000'



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 LB7916

INDEX OF DRAWINGS

- | | |
|------------|--|
| C1.0 | EXISTING SITE, DEMOLITION AND EROSION CONTROL PLAN |
| C1.1 | EROSION CONTROL DETAILS |
| C1.2 | NPDES-STORMWATER POLLUTION PREVENTION PLAN |
| C2.0~C2.2 | SITE LAYOUT AND DIMENSION PLAN |
| C2.3 | SITE DETAILS |
| C3.0~C3.2 | GRADING AND DRAINAGE PLAN |
| C3.3~C3.4 | GRADING AND DRAINAGE DETAILS |
| C3.5~C3.7 | NEIGHBORHOOD GRADING AND DRAINAGE PLAN |
| C4.0~C4.4 | UTILITY PLAN |
| C5.0~C5.11 | PLAN & PROFILE |
| C6.0~C6.3 | CROSS SECTIONS |

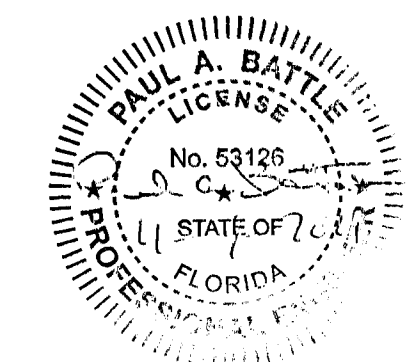
Approved: *[Signature]* Date: *4-14-21*

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.

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

A PARCEL OF LAND LYING IN SECTION 31, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA, BEING ALL OF LOT B BLOCK 4, ABB SUBDIVISION AS RECORDED IN PLAT BOOK 1 AT PAGE 82 OF THE PUBLIC RECORDS OF SAID ESCAMBIA COUNTY FLORIDA, AND ALL OF LOT 117, AND A PORTION OF LOTS 114, 115, AND 116 OF FIRST ADDITION TO OAKHURST, A SUBDIVISION RECORDED IN PLAT BOOK 3 AT PAGE 5 OF THE ABOVE-MENTIONED PUBLIC RECORDS; AND THOSE PARCELS OF LAND RECORDED IN O.R. BOOK 5793 AT PAGE 229, O.R. BOOK 5793 AT PAGE 170, AND O.R. BOOK 5793 AT PAGE 328, ALL IN THE ABOVE-MENTIONED PUBLIC RECORDS; SAID PARCELS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHWEST CORNER OF LOT 117, FIRST ADDITION TO OAKHURST, A SUBDIVISION RECORDED IN PLAT BOOK 3 AT PAGE 5 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA; SAID POINT BEING ON THE SOUTH RIGHT OF WAY LINE OF FAIRCHILD STREET (66 R/W); THENCE GO S 86°54'23" E ALONG SAID SOUTH RIGHT OF WAY LINE AND THE NORTH LINE OF SAID LOT 117 AND ITS EASTERN EXTENSION A DISTANCE OF 309.45 FEET; THENCE DEPARTING SAID LINE GO S 04°29'07" W A DISTANCE OF 145.64 FEET; THENCE GO S 86°05'43" E A DISTANCE OF 393.01 FEET TO THE EAST LINE OF THE ABOVE-MENTIONED LOT 114 OF THE FIRST ADDITION TO OAKHURST SUBDIVISION; THENCE GO S 03°28'19" W ALONG SAID EAST LINE A DISTANCE OF 497.48 FEET TO THE SOUTHEAST CORNER OF SAID LOT 114; SAID POINT BEING ON THE NORTH LINE OF THE ABOVE-MENTIONED LOT B BLOCK 4, ABB SUBDIVISION; THENCE GO S 86°45'46" E ALONG SAID NORTH LINE 326.62 FEET TO THE NORTHEAST CORNER OF SAID LOT; THENCE GO S 02°53'35" W ALONG THE EAST LINE OF SAID LOT B, A DISTANCE OF 602.05 FEET TO THE SOUTHEAST CORNER OF SAID LOT; SAID POINT ALSO BEING ON THE NORTH RIGHT OF WAY LINE OF LANSING DRIVE (R/W VARIES); THENCE GO N 86°45'46" W ALONG THE SOUTH LINE OF SAID LOT B AND SAID NORTH RIGHT OF WAY LINE 340.00 FEET TO THE SOUTHWEST CORNER OF SAID LOT B; THENCE DEPARTING SAID NORTH RIGHT OF WAY LINE GO N 02°53'35" E ALONG THE WEST LINE OF SAID LOT B A DISTANCE OF 281.99 FEET TO A POINT; SAID POINT BEING THE SOUTHEAST CORNER OF THAT PARCEL OF LAND RECORDED IN O.R. BOOK 5793 AT PAGE 328 OF THE ABOVE-MENTIONED PUBLIC RECORDS; THENCE GO N 86°45'46" W ALONG THE SOUTH LINE OF SAID PARCEL AND ITS WESTERN EXTENSION A DISTANCE OF 340.09 FEET TO A POINT BEING THE SOUTHWEST CORNER OF THAT PARCEL OF LAND RECORDED IN O.R. BOOK 5793 AT PAGE 229 OF THE ABOVE-MENTIONED PUBLIC RECORDS; THENCE GO N 02°52'34" E ALONG THE WEST LINE OF SAID PARCEL A DISTANCE OF 320.06 FEET TO THE NORTHWEST CORNER OF SAID PARCEL; SAID POINT ALSO BEING ON THE SOUTH LINE OF THE ABOVE-MENTIONED FIRST ADDITION TO OAKHURST SUBDIVISION; THENCE GO N 86°45'46" W ALONG THE SOUTH LINE OF SAID SUBDIVISION A DISTANCE OF 339.94 FEET TO THE SOUTHWEST CORNER OF SAID SUBDIVISION; THENCE GO N 02°54'28" E ALONG THE WEST LINE OF SAID SUBDIVISION A DISTANCE OF 646.89 FEET TO THE POINT OF BEGINNING. THE ABOVE DESCRIBED PARCEL OF LAND CONTAINS 16.224 ACRES AND IS SUBJECT TO GULF POWER COMPANY EASEMENT ACROSS THE WEST 100 FEET OF LOT 117, AND THE SOUTH 150 FEET OF LOTS 114, 115, 116, AND 117 OF THE ABOVE-MENTIONED FIRST ADDITION TO OAKHURST.



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.

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 SEED 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, 575 AND 980 TO 986.

*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 FOOT 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.

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

* 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 COMMERCIALY CUT TO A MINIMUM DIMENSION OF 12" X 24" A MAXIMUM OF 72 HOURS PRIOR TO PLACEMENT. SOD SHALL BE LIVE, FRESH AND UNINURED, 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:

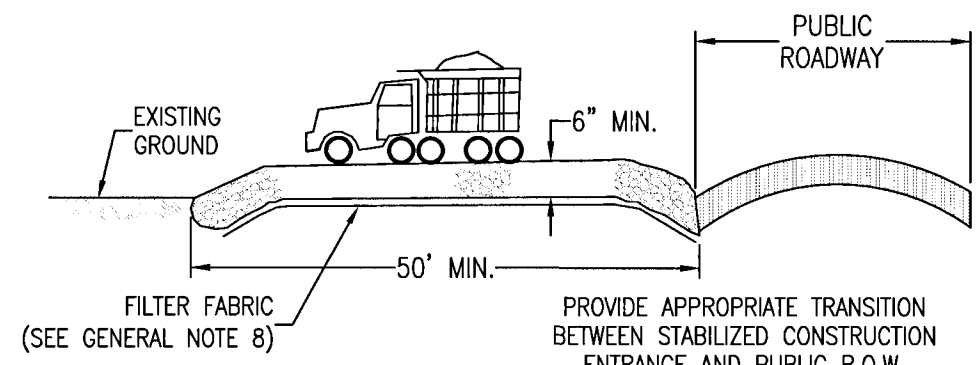
1. DAMAGED TRUNKS OR EXPOSED ROOTS WILL BE PAINTED IMMEDIATELY WITH A GOOD GRADE OF "TREE PAINT".
2. TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH TO TRUNK OR MAIN BRANCH AND THAT AREA PAINTED IMMEDIATELY WITH A GOOD GRADE OF TREE PAINT.

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 102-5, LATEST EDITION.

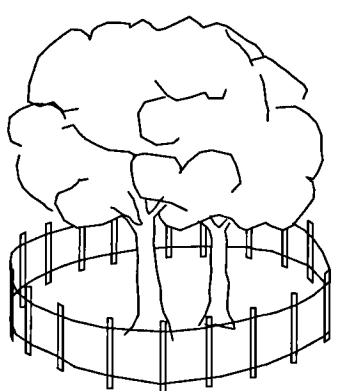
PROPOSED SEQUENCE OF CONSTRUCTION:

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 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:

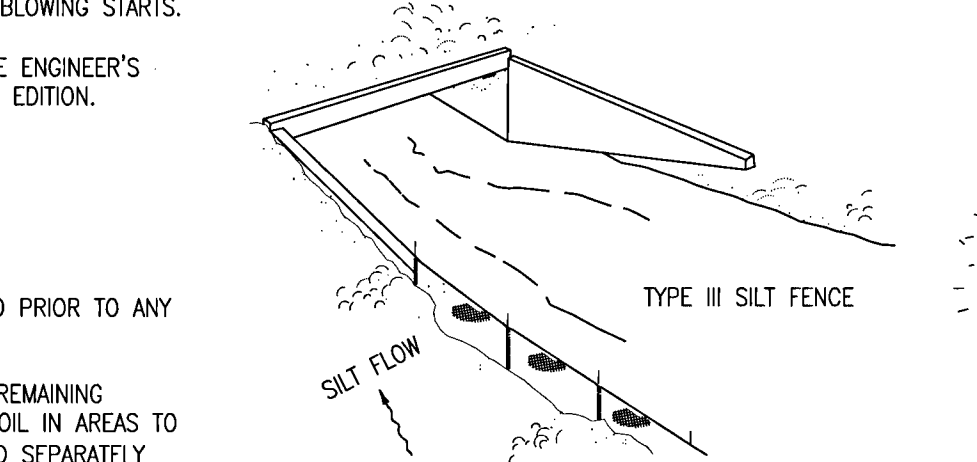
WETLAND FILTER BAGS MAY REPLACE HAY BALE CORRALS DURING TRENCH DEWATERING, AT THE DISCRETION OF THE ENGINEER INSPECTOR. TO INSURE PROPER INSTALLATION, FILTER BAGS WILL BE PLACED ON RELATIVELY FLAT TERRAIN FREE OF BRUSH AND STUMPS TO AVOID RUPTURES AND PUNCTURES. PROPER INSTALLATION REQUIRES CUTTING A 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:

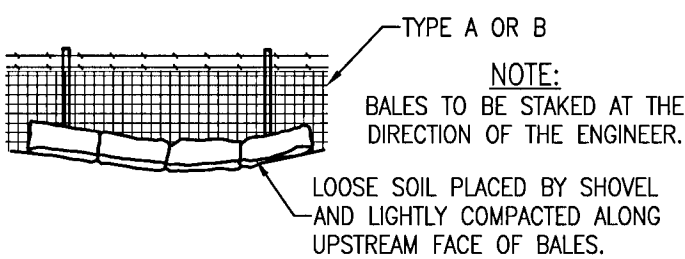
FILTER BAGS ARE CONSTRUCTED OF NON-WOVEN GEOTEXTILE FABRIC. A MAXIMUM OF ONE SIX INCH DISCHARGE HOSE WILL BE ALLOWED PER FILTER BAG. BAG CAPACITY WILL BE EXCEEDED BEYOND 2,000 GALLONS PER MINUTE. TYPICAL BAG DIMENSIONS ARE 15 FEET BY 13.25 FEET. TO HELP PREVENT PUNCTURES, GEOTEXTILE FABRIC WILL BE PLACED BENEATH THE FILTER BAG WHEN USED IN WOODED LOCATIONS. UNATTENDED FILTER BAGS WILL BE ENDOICRED 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.



SILT FENCE APPLICATIONS

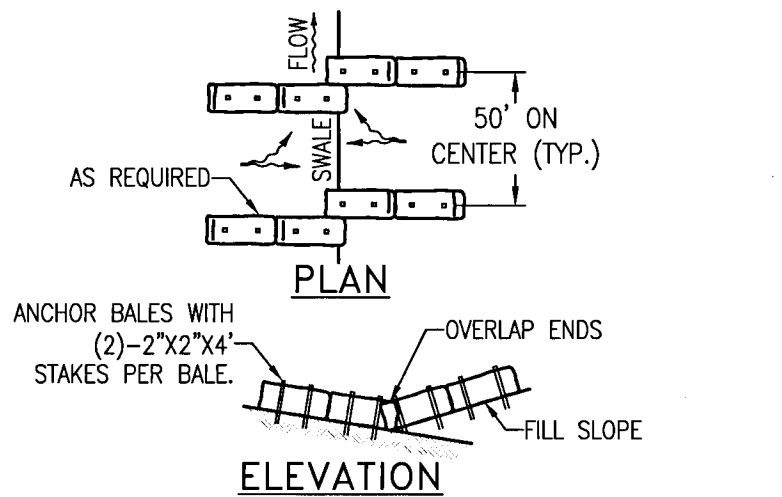
N.T.S.

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.

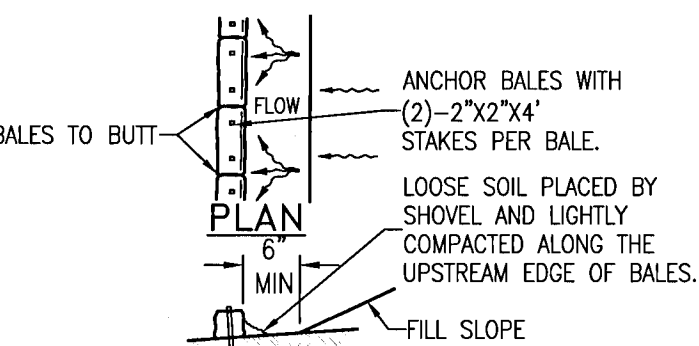


STRAW BALES BACKED BY FENCE

N.T.S.



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

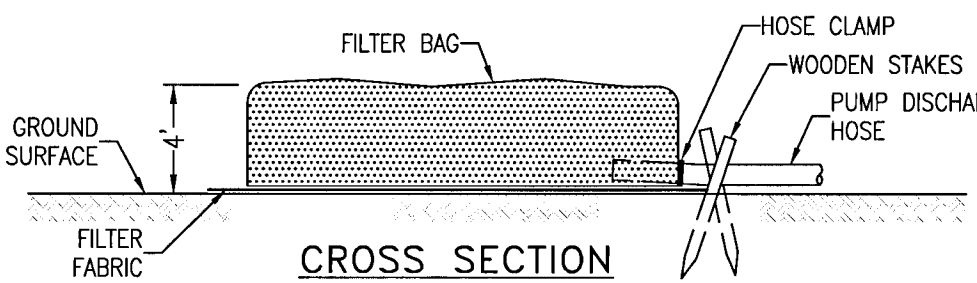
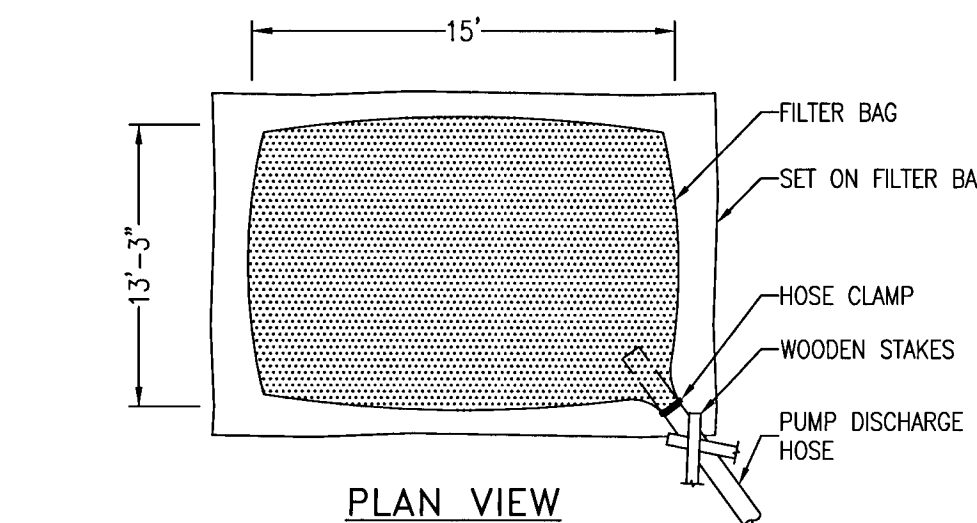


ELEVATION

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

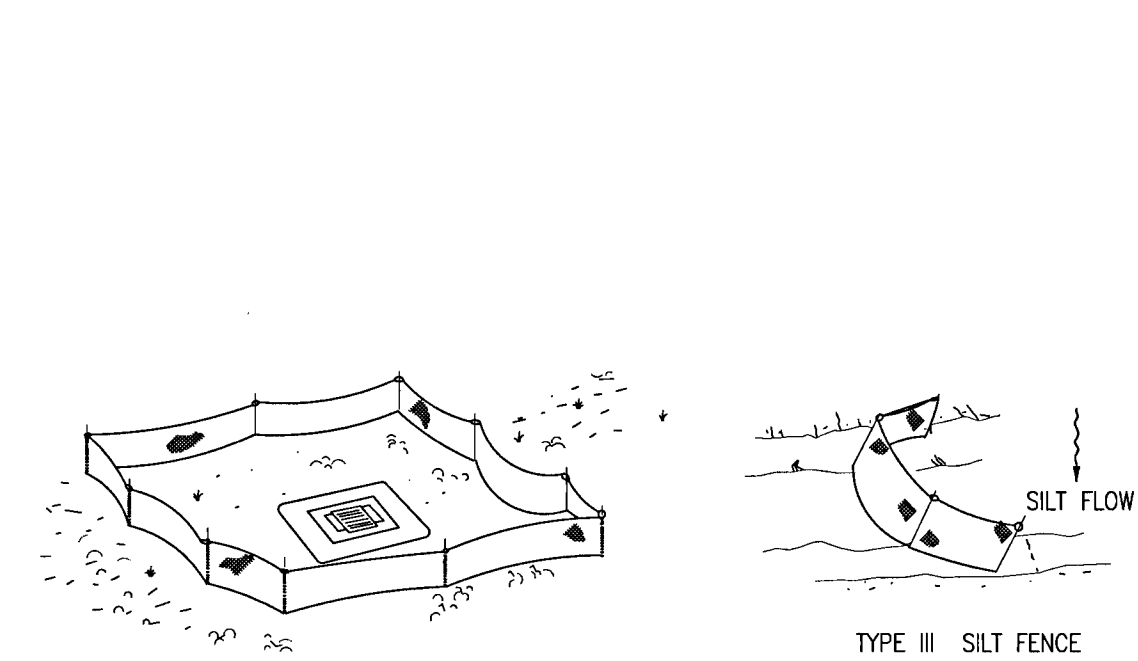
BARRIERS FOR FILL SLOPES

N.T.S.



FILTER BAG DETAIL FOR
TRENCH DEWATERING OPERATIONS

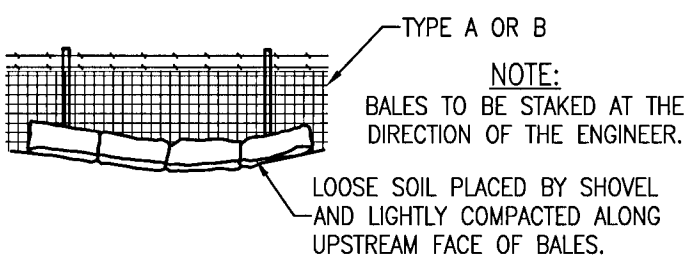
N.T.S.



TYPE III SILT FENCE
PROTECTION
AROUND DITCH BOTTOM INLETS.

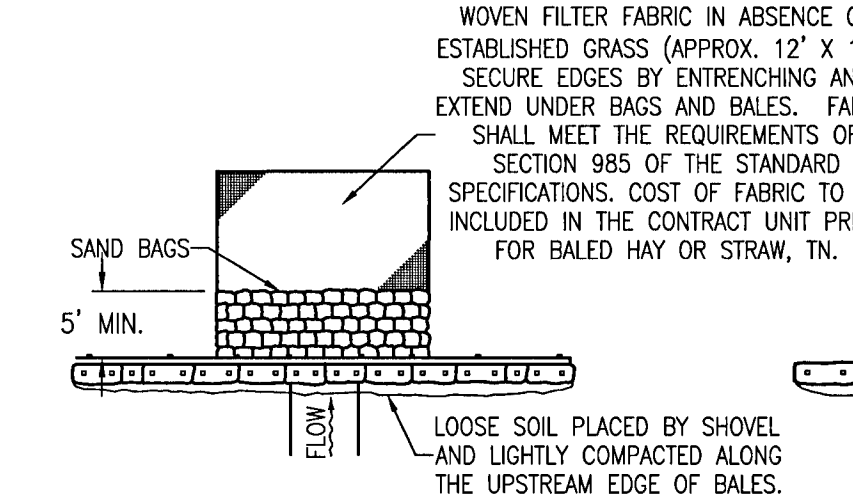
SILT FENCE APPLICATIONS

N.T.S.

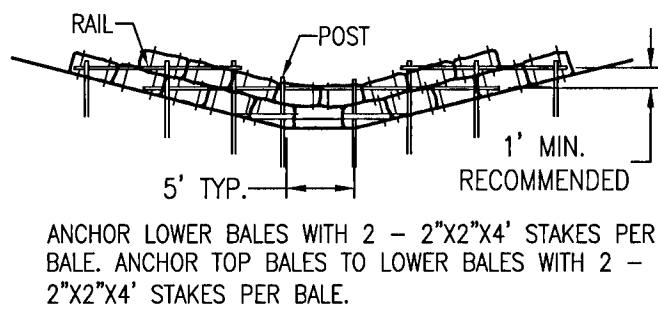


STRAW BALES BACKED BY FENCE

N.T.S.



PLAN



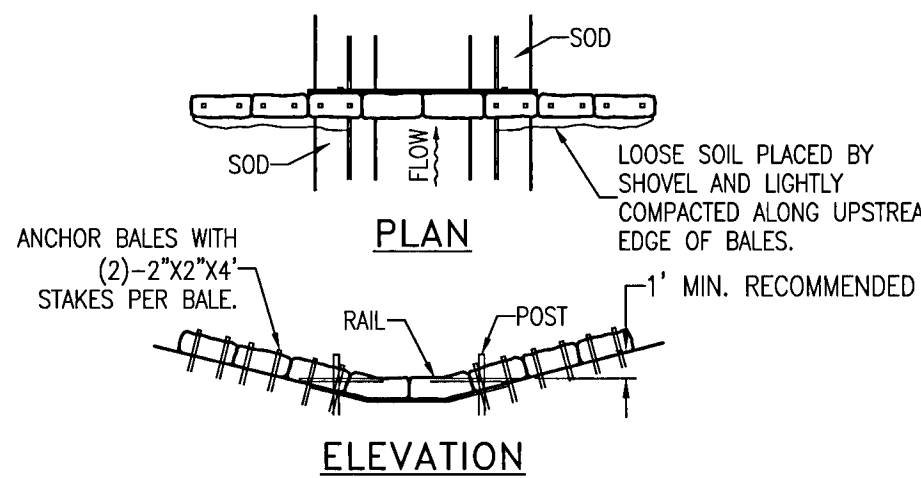
ELEVATION

APPLICATION AND SPACING: THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN CHART I, SHEET 1 OF 3, INDEX NO. 102

TYPE II

BARRIER FOR UNPAVED DITCH

N.T.S.

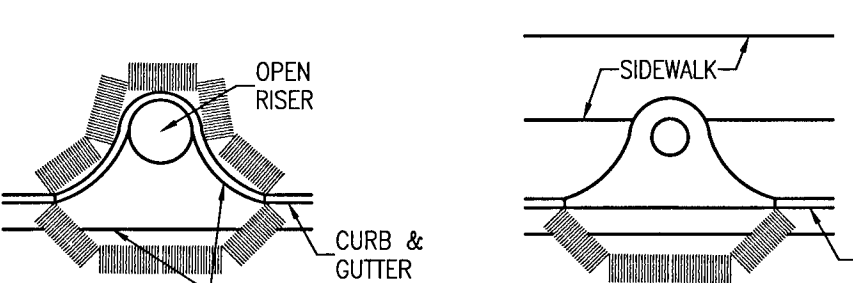


ELEVATION

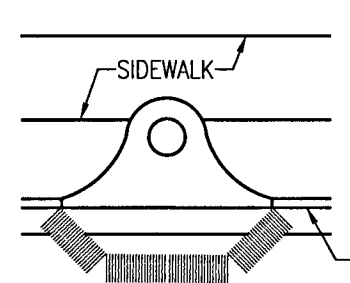
SPACING:
BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

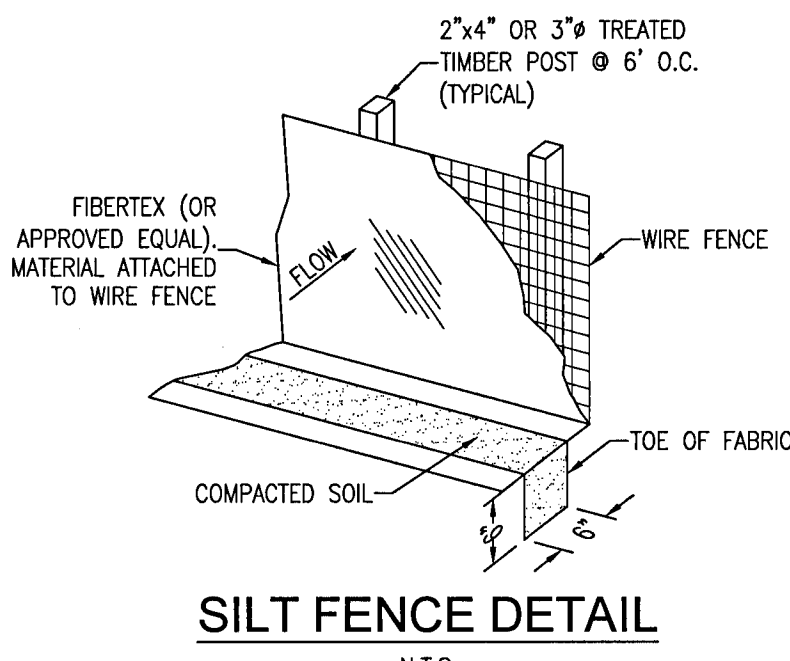
N.T.S.



PARTIAL INLET

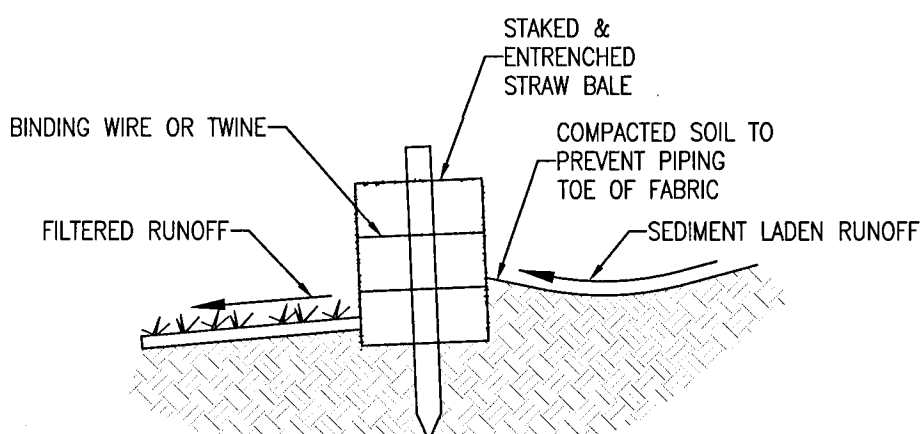


COMPLETED INLET



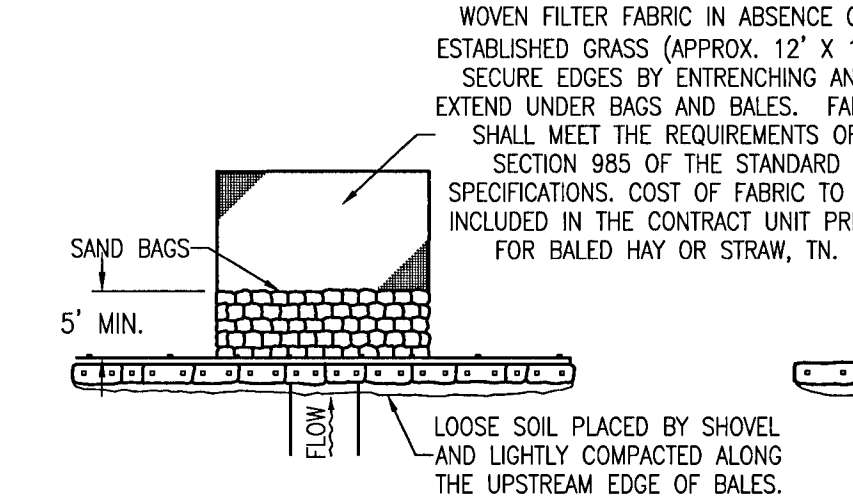
SILT FENCE DETAIL

N.T.S.

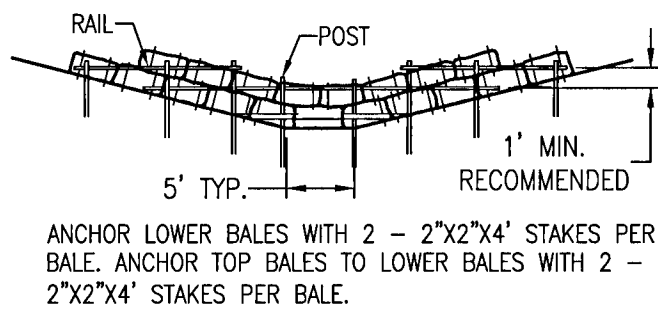


STRAW BALE DETAIL

N.T.S.



PLAN



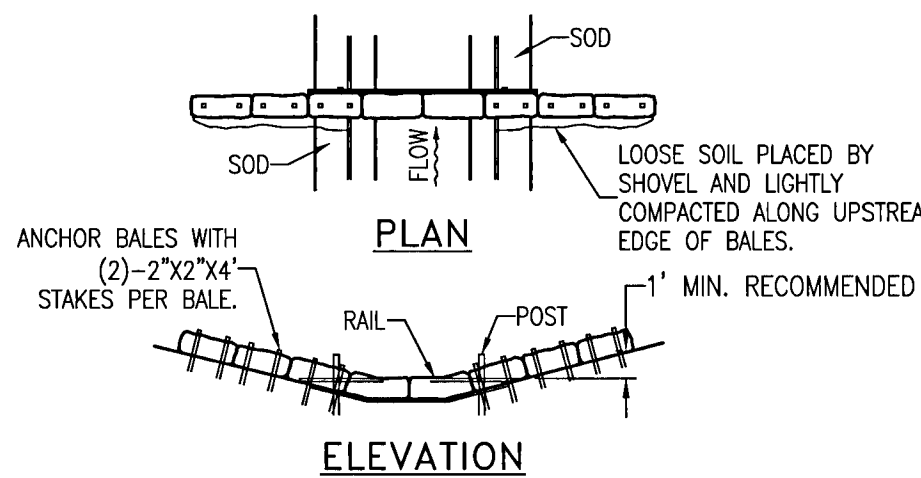
ELEVATION

APPLICATION AND SPACING: THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN CHART I, SHEET 1 OF 3, INDEX NO. 102

TYPE II

BARRIER FOR UNPAVED DITCH

N.T.S.

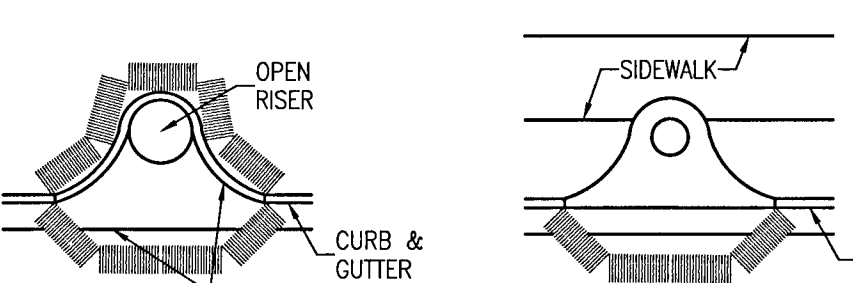


ELEVATION

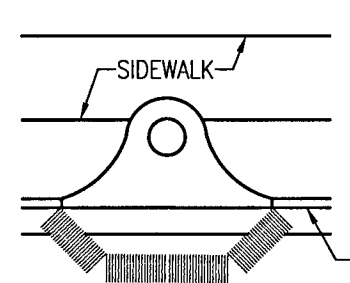
SPACING:
BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

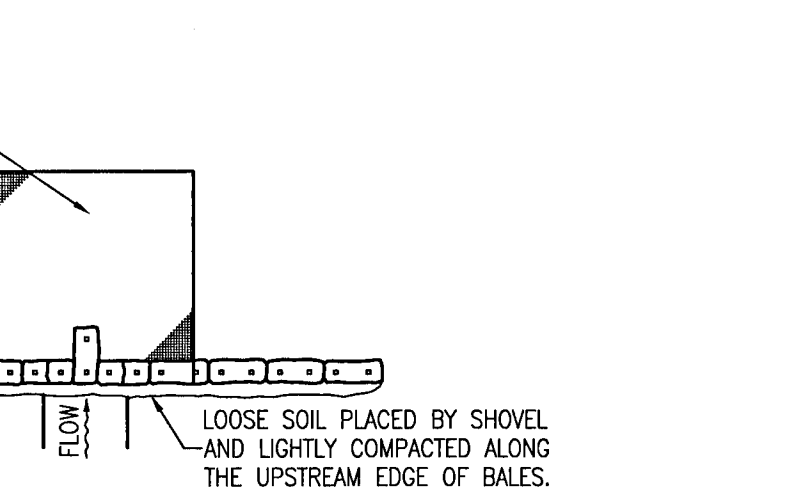
N.T.S.



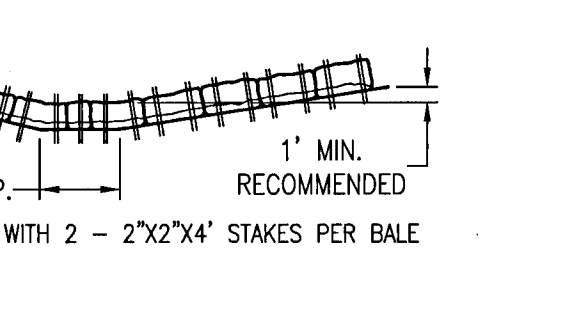
PARTIAL INLET



COMPLETED INLET



PLAN



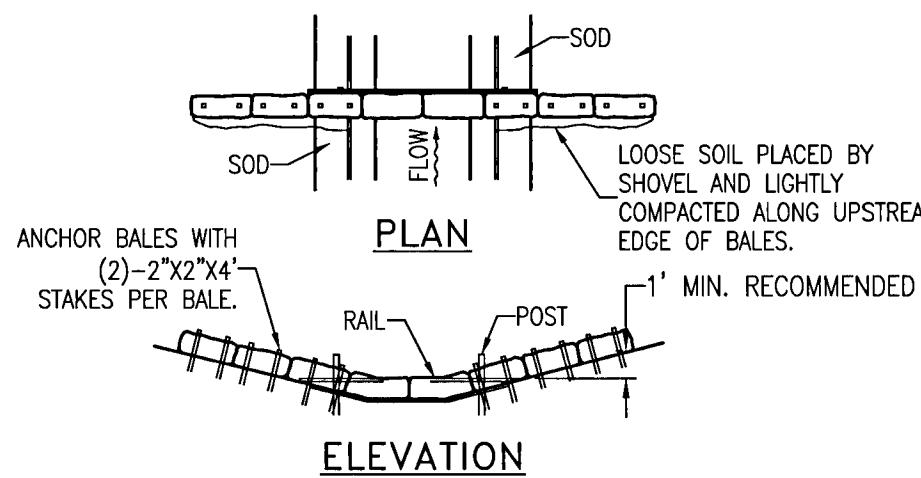
ELEVATION

N.T.S.

TYPE I

BARRIER FOR UNPAVED DITCH

N.T.S.

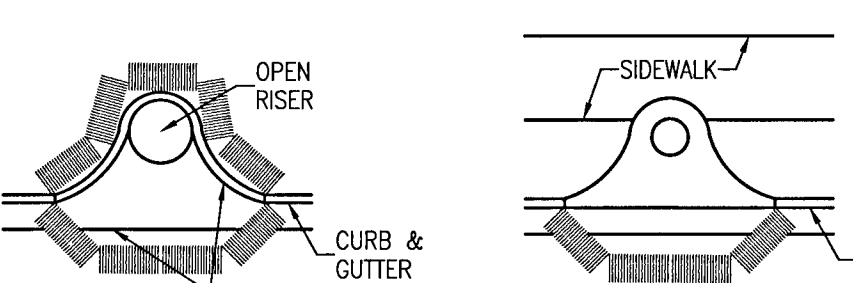


ELEVATION

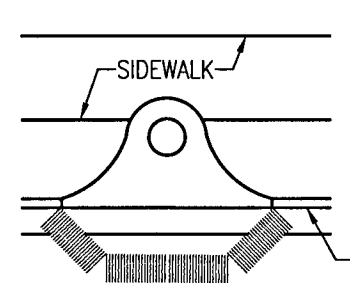
SPACING:
BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

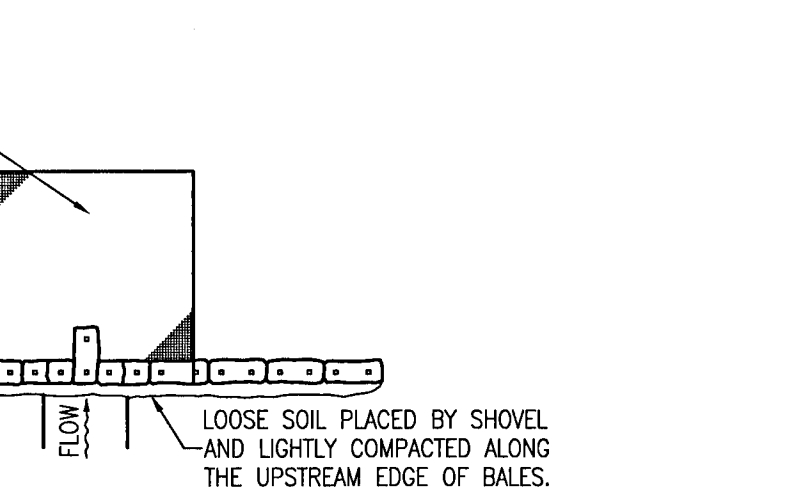
N.T.S.



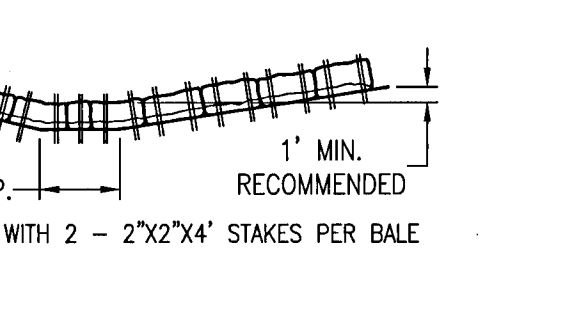
PARTIAL INLET



COMPLETED INLET



PLAN



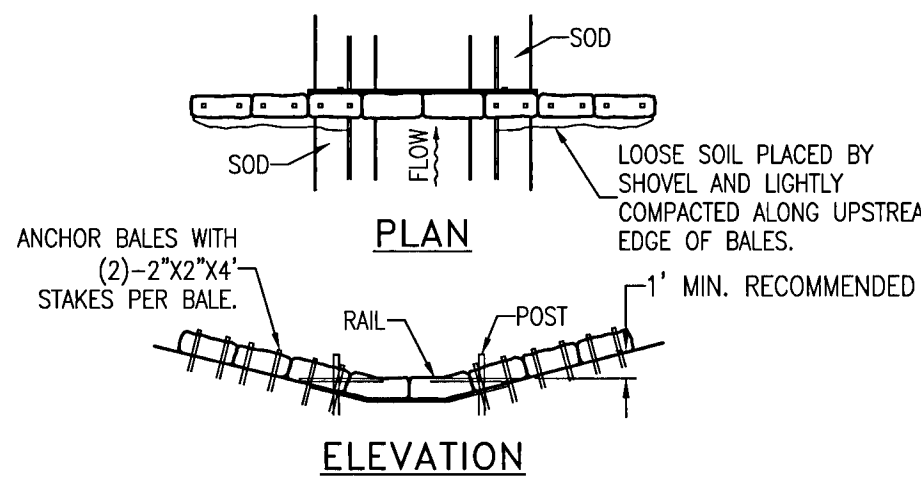
ELEVATION

N.T.S.

TYPE I

BARRIER FOR UNPAVED DITCH

N.T.S.

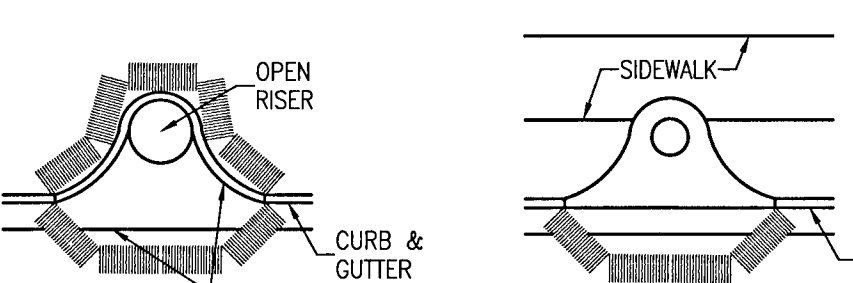


ELEVATION

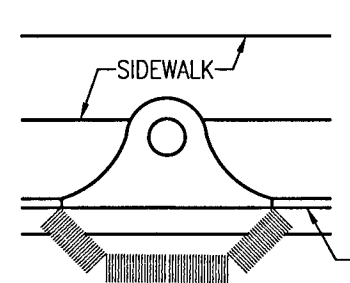
SPACING:
BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

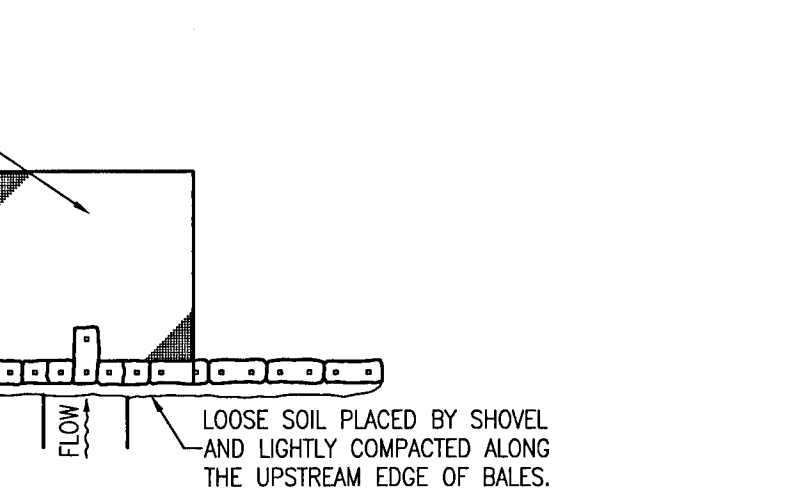
N.T.S.



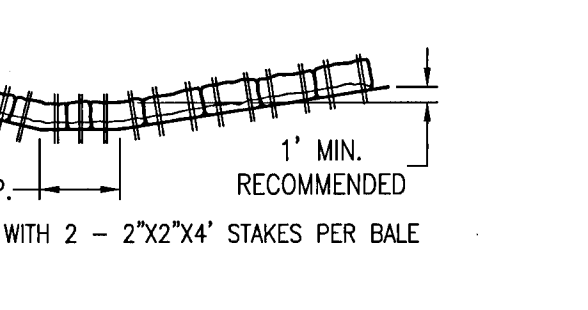
PARTIAL INLET



COMPLETED INLET



PLAN



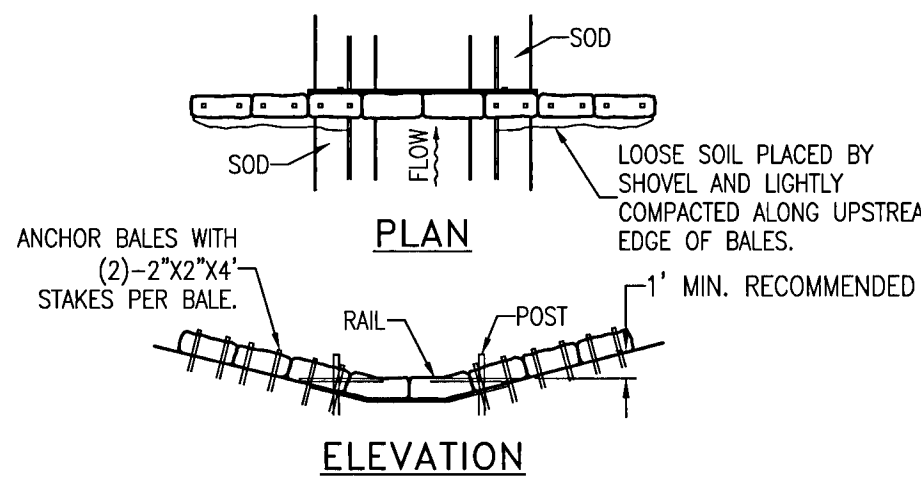
ELEVATION

N.T.S.

TYPE I

BARRIER FOR UNPAVED DITCH

N.T.S.

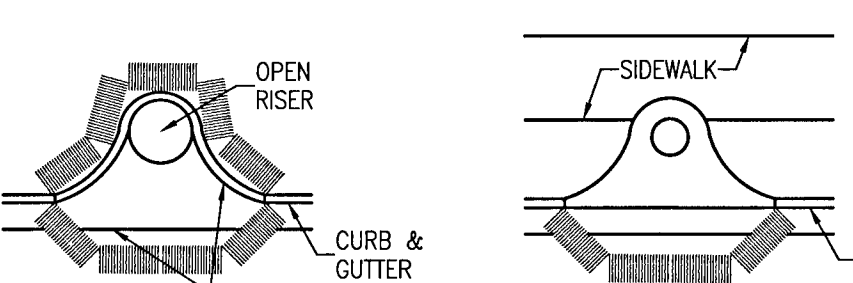


ELEVATION

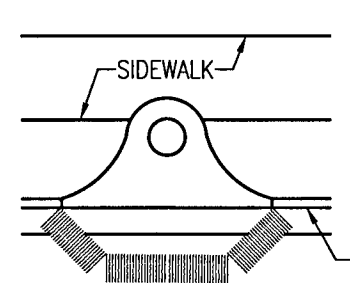
SPACING:
BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

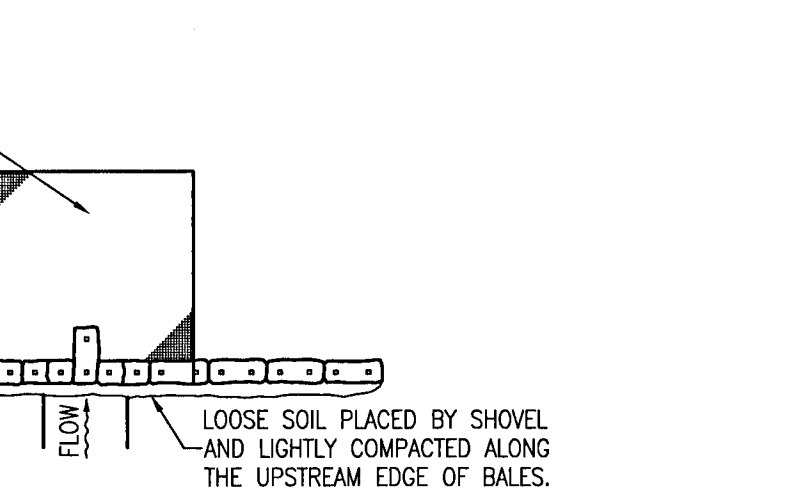
N.T.S.



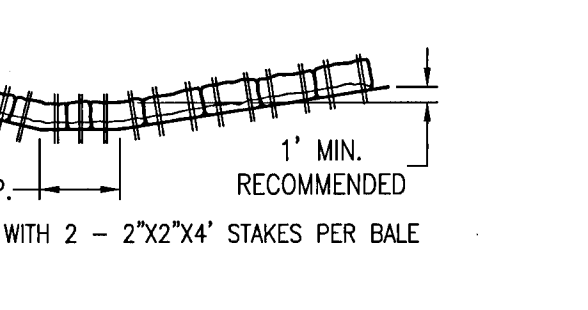
PARTIAL INLET



COMPLETED INLET



PLAN



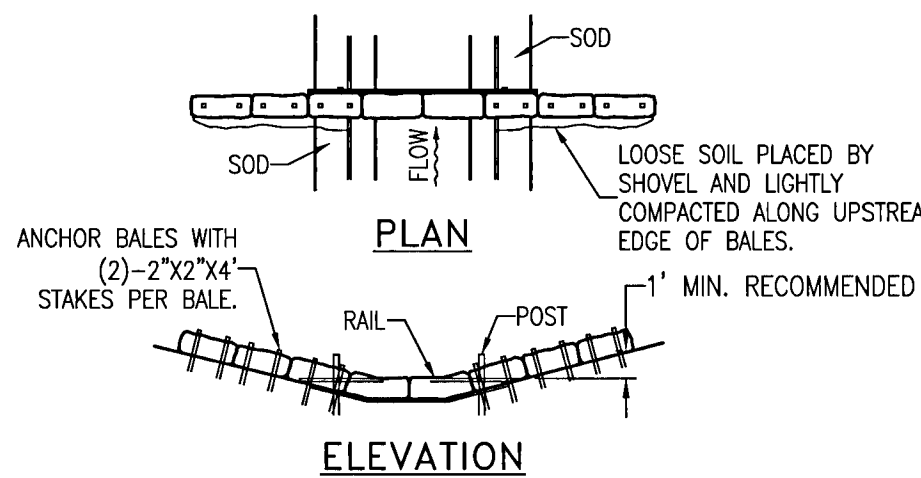
ELEVATION

N.T.S.

TYPE I

BARRIER FOR UNPAVED DITCH

N.T.S.

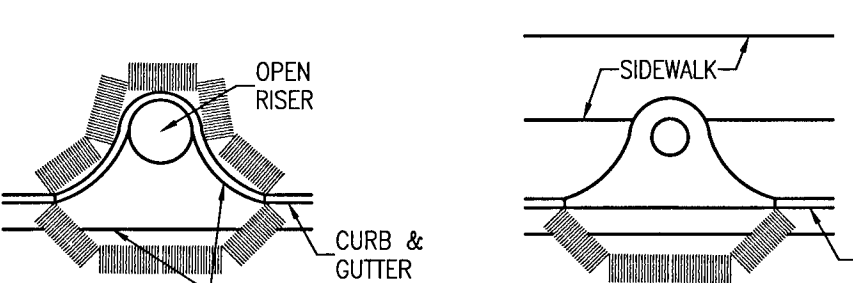


ELEVATION

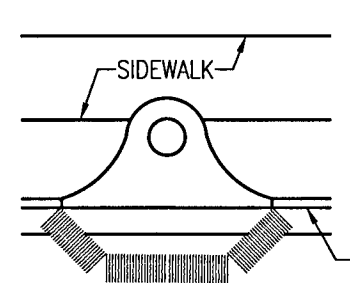
SPACING:
BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

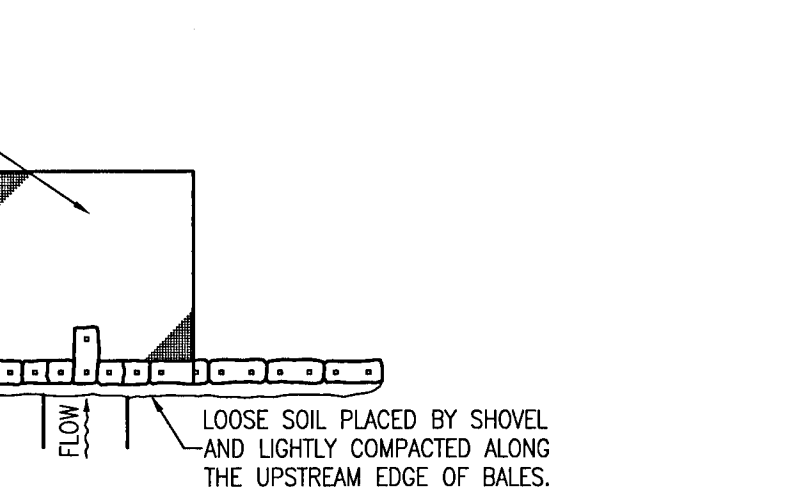
N.T.S.



PARTIAL INLET



COMPLETED INLET



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 HAS BEEN SUBMITTED TO THE NWFWD AUGUST 2020

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 CDP.

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 STORMWATER 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 NOI 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: | 1300 BLOCK LANSING DRIVE PENSACOLA, FL 32504 |
| LATITUDE: | N 30°29'51.63" |
| LONGITUDE: | W 87°12'39.26" |
| WATER MANAGEMENT DISTRICT: | NORTHWEST FLORIDA (NWFWMD) |
| MS4 OPERATOR NAME: | ESCAMBIA COUNTY |
| RECEIVING WATER NAME: | CARPENTERS CREEK |

2.0 SITE DESCRIPTION:

2.1 NATURE OF CONSTRUCTION ACTIVITIES:

THIS PROJECT INVOLVES THE CONSTRUCTION OF A 66 LOT RESIDENTIAL SUBDIVISION. CONSTRUCTION INCLUDES ROADWAYS, UTILITIES AND STORMWATER COLLECTION/MANAGEMENT SYSTEM.

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.

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

2.3 AREA ESTIMATES:

| | |
|-----------------------|-------------|
| ONSITE AREA: | 16.17 ACRES |
| OFFSITE AREA: | 2.45 ACRES |
| TOTAL AREA: | 18.62 ACRES |
| AREA TO BE DISTURBED: | 16.17 ACRES |

2.4 RUNOFF DATA:

| RUNOFF COEFFICIENTS (C): | |
|--------------------------|-----------------------------------|
| BEFORE: | TOTAL COMPOSITE C = 0.20 AND 0.95 |
| DURING: | VARIES BETWEEN = 0.20 AND 0.95 |
| AFTER: | VARIES BETWEEN = 0.20 AND 0.95 |
| TOTAL COMPOSITE C = | 0.51 |

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 | 'C' COEFFICIENT |
|---------------------|----------------------------|-----------------|
| EXISTING CONVEYANCE | | |
| POND 'AA' | 6.92 | 0.66 |
| POND 'CC' | 11.71 | 0.42 |

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:** N/A

2.6 RECEIVING WATERS:

CARPENTERS CREEK

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: TWO DRY RETENTION PONDS WITH SAND CHIMNEYS.

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 FOOT 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.GOV) 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:

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:

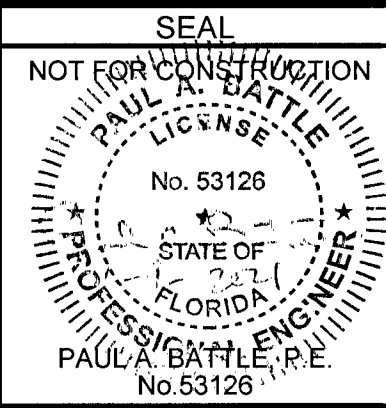
- COMPLY WITH MINIMUM PERMIT REQUIREMENTS WHEN NOTIFIED BY FDEP THAT THE PLAN DOES NOT COMPLY.
- ADDRESS ANY CHANGES IN DESIGN, CONSTRUCTION OPERATIONS OR MAINTENANCE, WHICH HAS AN EFFECT ON THE POTENTIAL FOR DISCHARGE OF POLLUTANTS.
- PREVENT REOCCURRENCE OF REPORTABLE QUANTITY RELEASES OF HAZARDOUS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

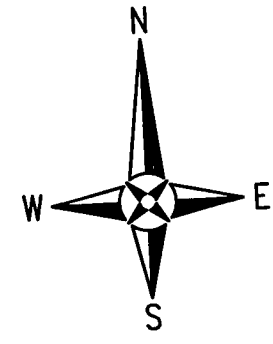
| REVISION | DATE | No. | | | |
|----------|------|-----|--|--|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

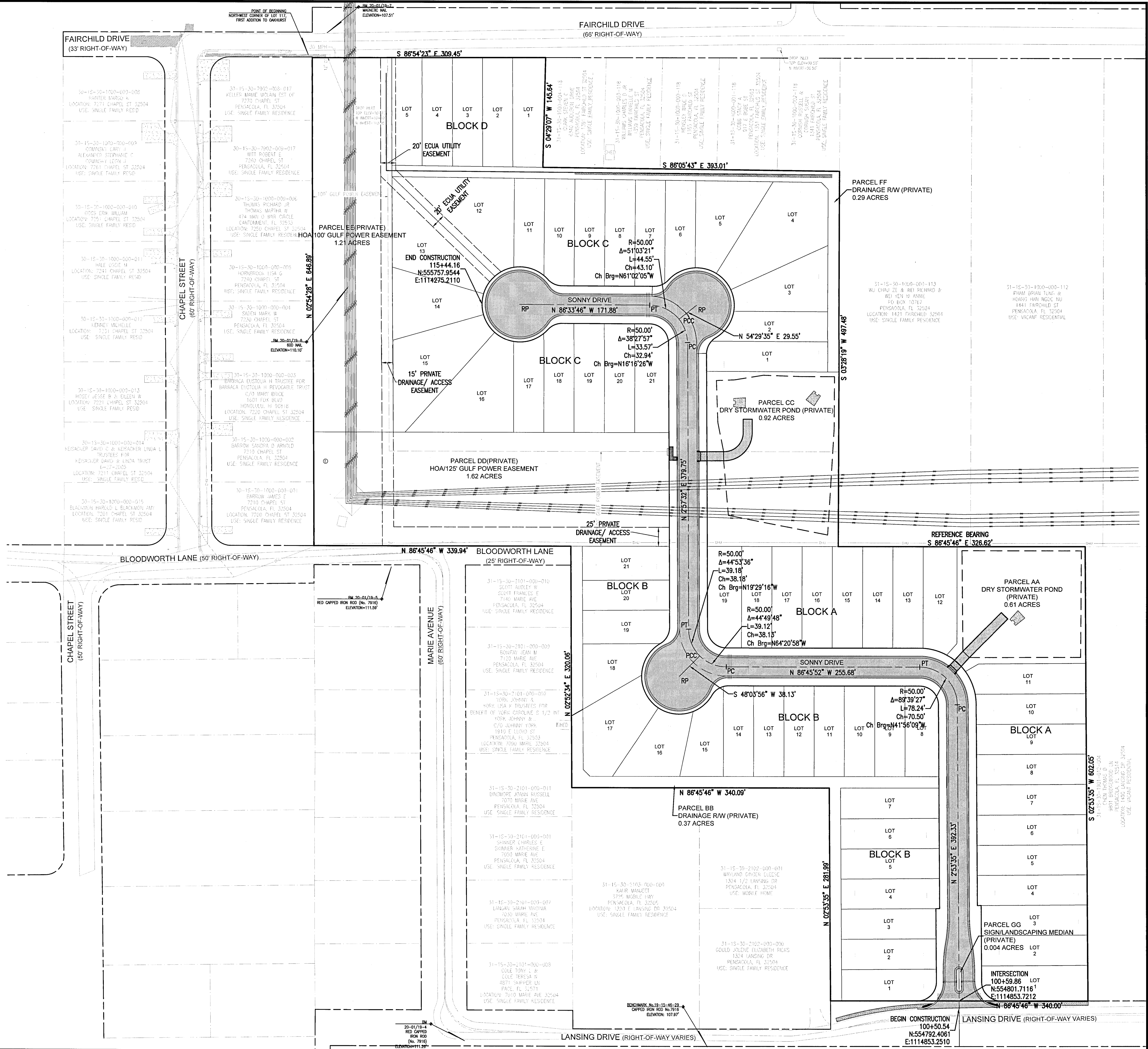
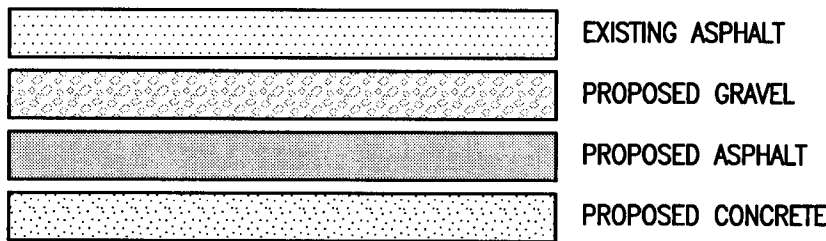
C1.2



HORIZONTAL SCALE



LEGEND

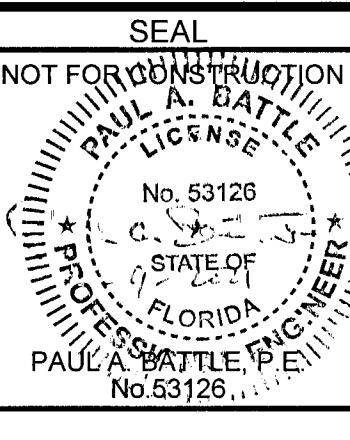


RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, FL 32504
Telephone 850.438.0400 Fax 850.438.0448
EB 0000657

**OVERALL SITE LAYOUT &
DIMENSION PLAN**

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

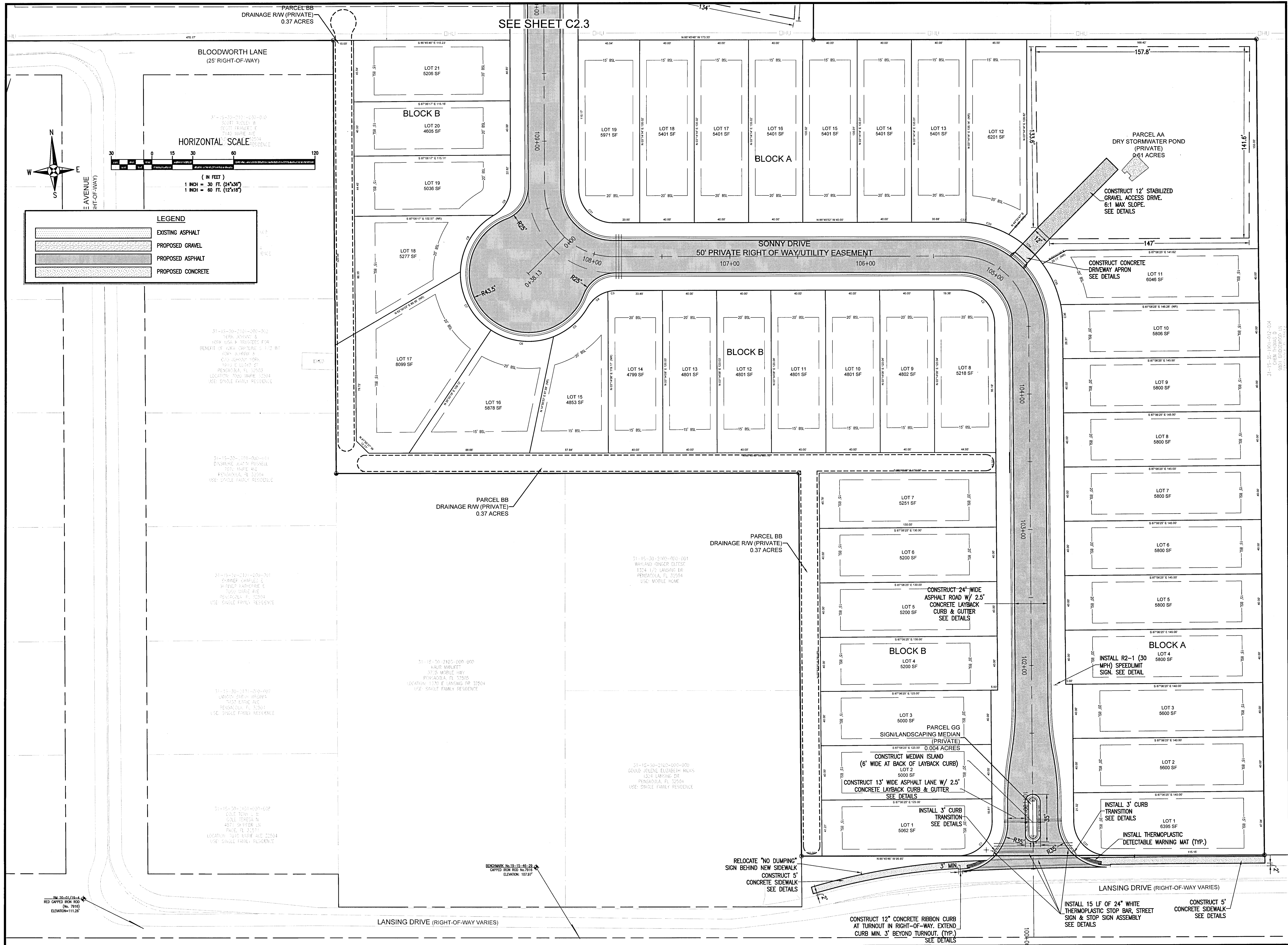


Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

C2.0

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.



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 0000957

**ENLARGED SITE LAYOUT &
DIMENSION PLAN**

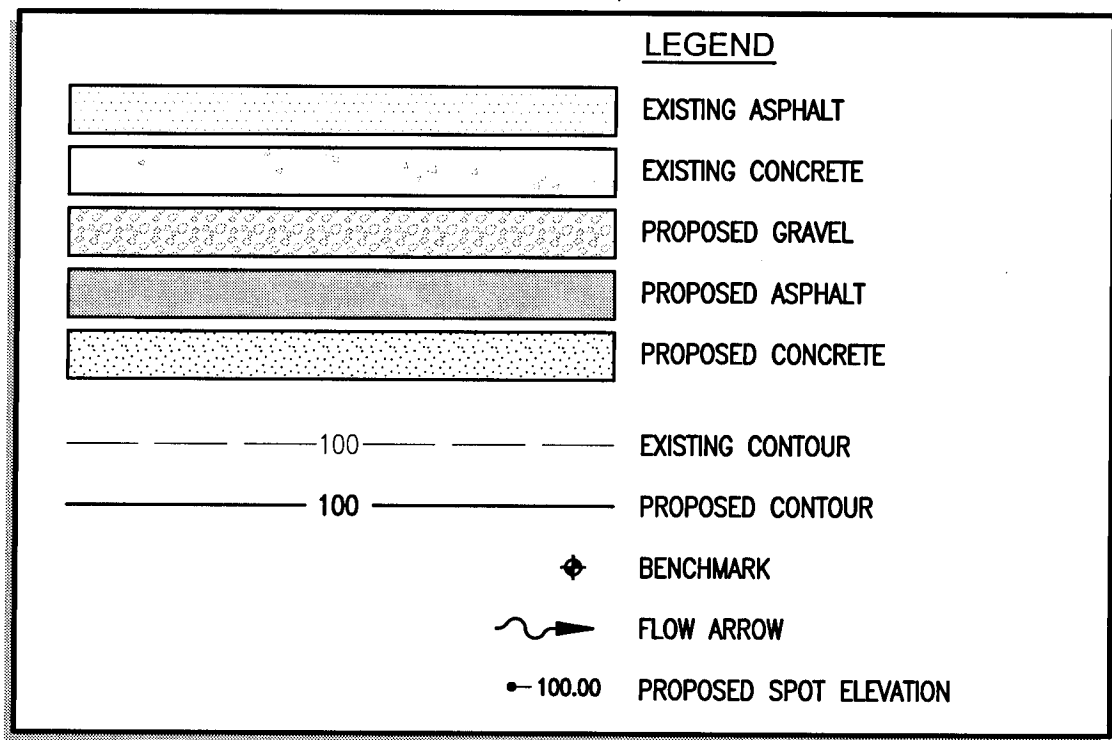
COMMANDER'S COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |

SEAL
NOT FOR CONSTRUCTION
PAUL A. BATTLE
LICENSE
No. 53126
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
PAUL A. BATTLE, P.E.
No. 53126

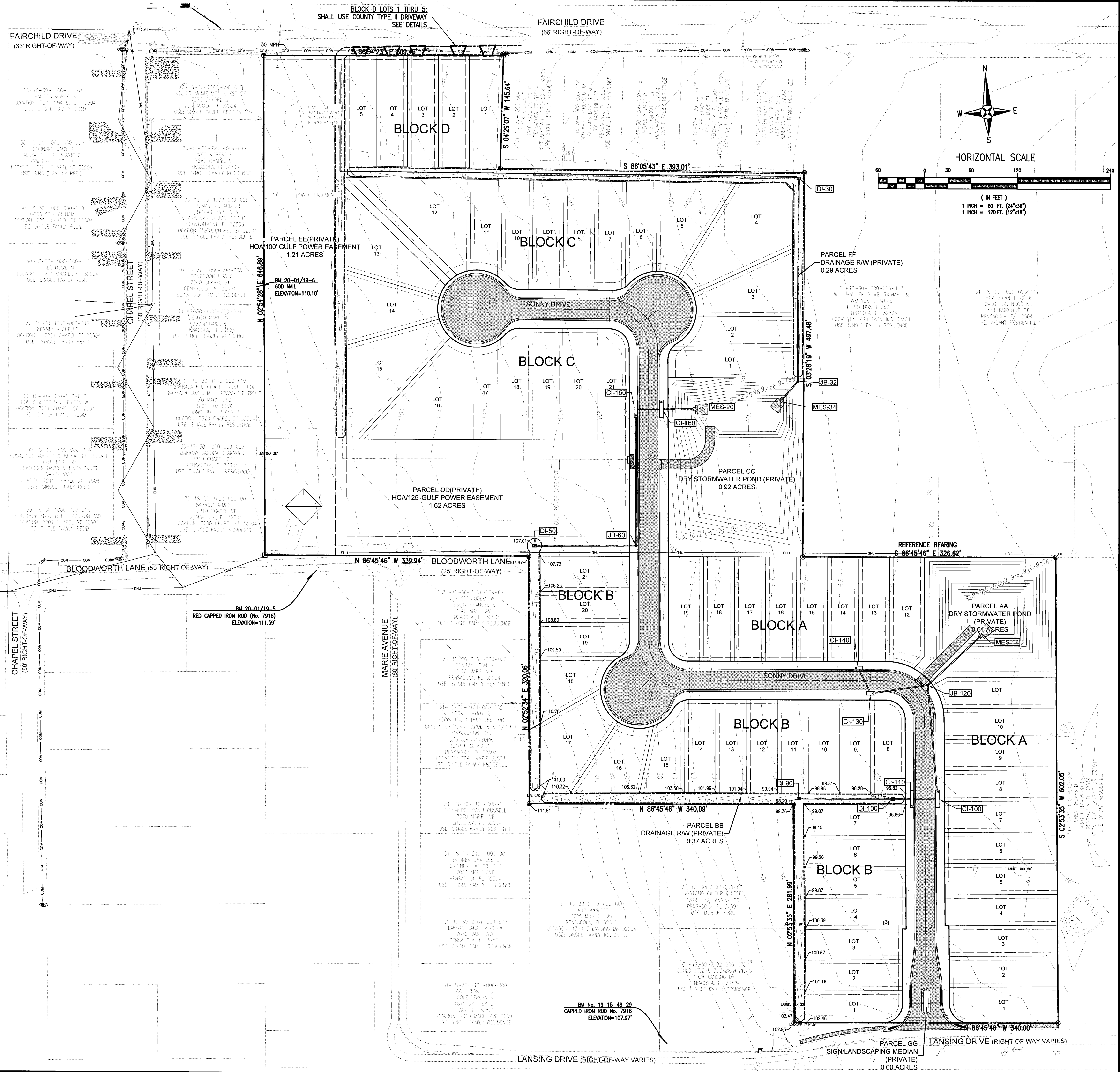
Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021
DRAWING No.
C2.2

This drawing is the property of Rebol-Battle & Associates and may not be reproduced without written permission.



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. SEEDING 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 * RAINFALL OR AT LEAST WEEKLY. THE CONTRACTOR SHALL 12" 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 SEEDING/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 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 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 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. RETAINING WALLS SHOWN ARE TO BE DESIGNED BY OTHERS. THE CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT'S PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET.
24. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

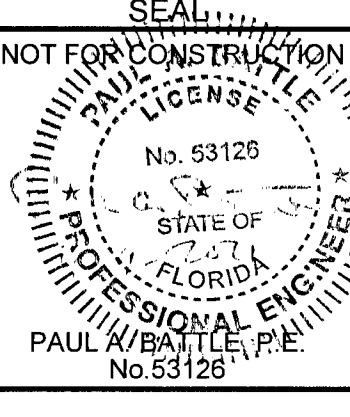


RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, FL 32504
Telephone 904.438.4000 Fax 904.438.0448
E8 0006957

OVERALL GRADING & DRAINAGE PLAN

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

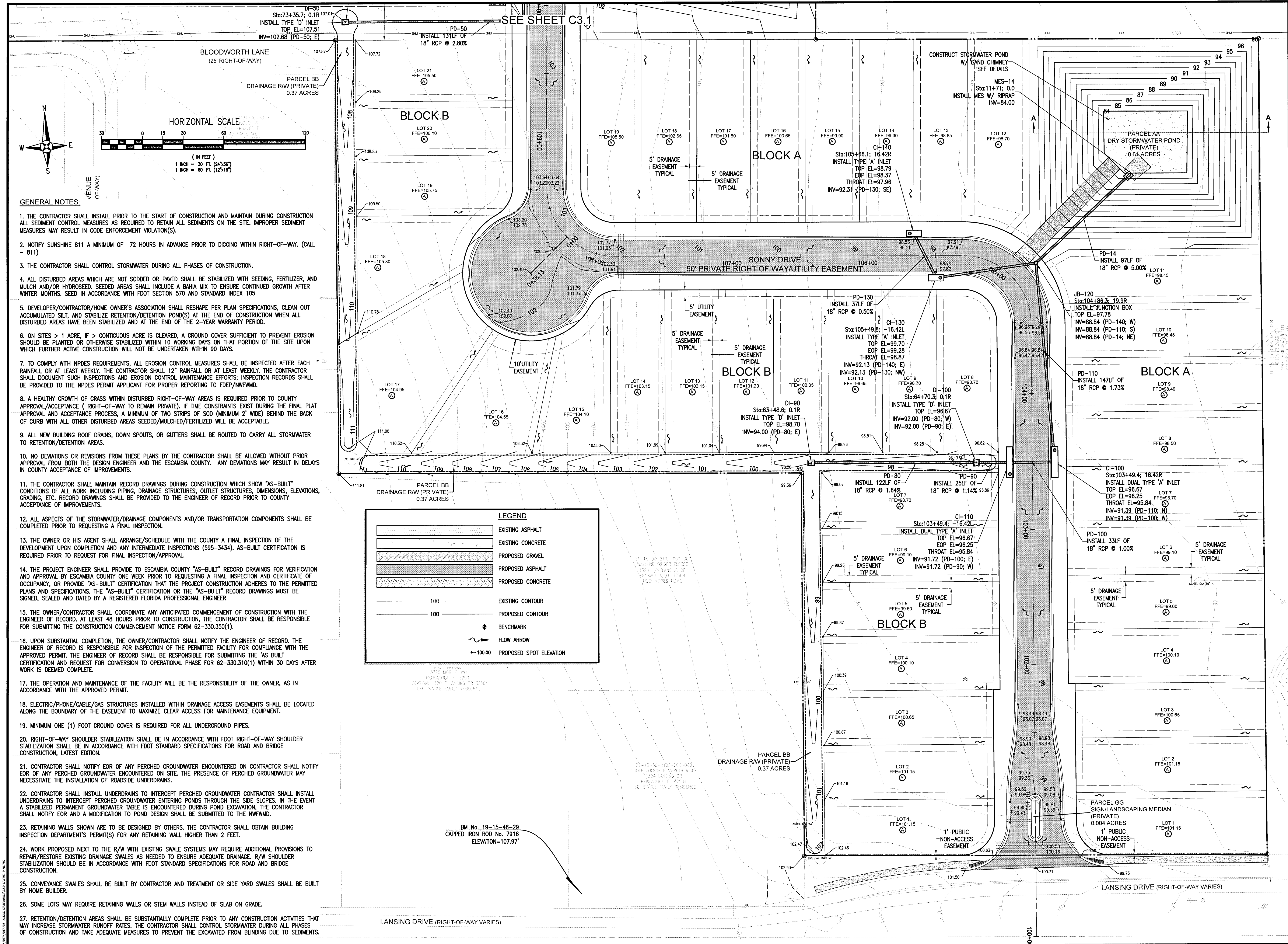
| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021
DRAWING No.

C3.0

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.



GENERAL 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. SEEDING 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 RAINFALL OR AT LEAST WEEKLY. THE CONTRACTOR SHALL 12" 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 ESCAMBA 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 REQUESTING A FINAL INSPECTION.
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 ESCAMBA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBA 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 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 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 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. RETAINING WALLS SHOWN ARE TO BE DESIGNED BY OTHERS. THE CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT'S PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET.
24. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
25. CONVEYANCE SWALES SHALL BE BUILT BY CONTRACTOR AND TREATMENT OR SIDE YARD SWALES SHALL BE BUILT BY HOME BUILDER.
26. SOME LOTS MAY REQUIRE RETAINING WALLS OR STEM WALLS INSTEAD OF SLAB ON GRADE.
27. 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 FROM BUNDING DUE TO SEDIMENTS.

LEGEND

| | |
|-----------|-------------------------|
| [Pattern] | EXISTING ASPHALT |
| [Pattern] | EXISTING CONCRETE |
| [Pattern] | PROPOSED GRAVEL |
| [Pattern] | PROPOSED ASPHALT |
| [Pattern] | PROPOSED CONCRETE |
| [Line] | EXISTING CONTOUR |
| [Line] | PROPOSED CONTOUR |
| [Symbol] | BENCHMARK |
| [Symbol] | FLOW ARROW |
| [Symbol] | PROPOSED SPOT ELEVATION |

RBA

REBOL-BATTLE & ASSOCIATES

Civil Engineers and Surveyors

2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0408
EB 0006957

ENLARGED GRADING & DRAINAGE PLAN

COMMANDERS COVE

A 66 LOT RESIDENTIAL SUBDIVISION

ESCAMBA COUNTY, FLORIDA

| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

NOT FOR CONSTRUCTION

SEAL

PAUL A. BATTLE, P.E.

No. 53126

Dr. By: CBD

Ck By: PAB

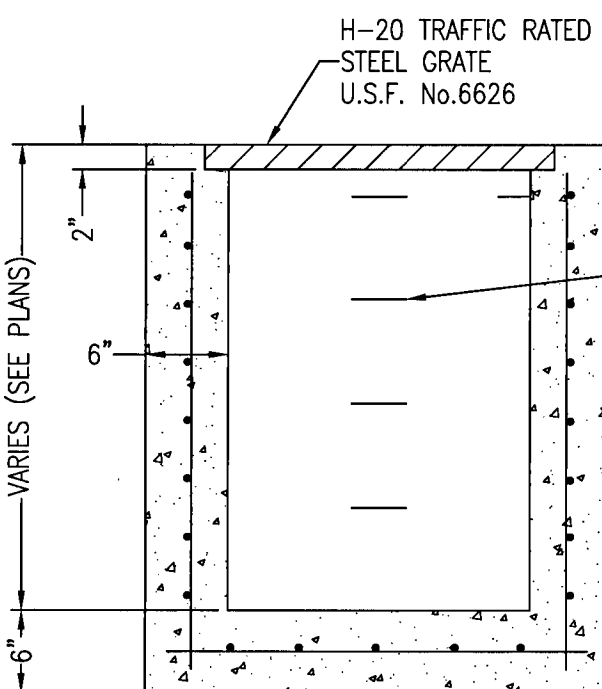
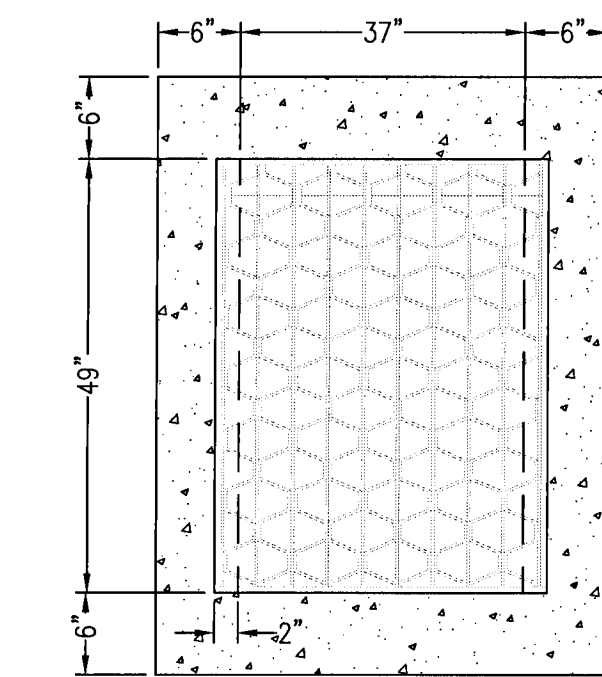
Job No.: 2017.208

Date: 3/29/2021

DRAWING No.

C3.2

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.



STEPS: GRADE 60 STEEL BAR REINFORCED ABS PLASTIC. STEPS TO BE PROVIDED 12" O.C. FOR INLETS DEEPER THAN 4'.

| PIPE TABLE | | | | |
|------------|--------|----------|-------|--|
| Pipe Name | Length | Size | Slope | |
| PD-14 | 97' | 18" RCP | 5.00% | |
| PD-20 | 46' | 24" RCP | 1.00% | |
| PD-30 | 263' | 18" HDPE | 0.50% | |
| PD-32 | 35' | 18" RCP | 0.49% | |
| PD-50 | 131' | 18" RCP | 2.80% | |
| PD-60 | 176' | 18" RCP | 0.85% | |
| PD-80 | 122' | 18" RCP | 1.64% | |
| PD-90 | 25' | 18" RCP | 1.14% | |
| PD-100 | 33' | 18" RCP | 1.00% | |
| PD-110 | 147' | 18" RCP | 1.73% | |
| PD-130 | 37' | 18" RCP | 0.50% | |
| PD-140 | 74' | 18" RCP | 4.44% | |
| PD-150 | 33' | 24" RCP | 0.50% | |

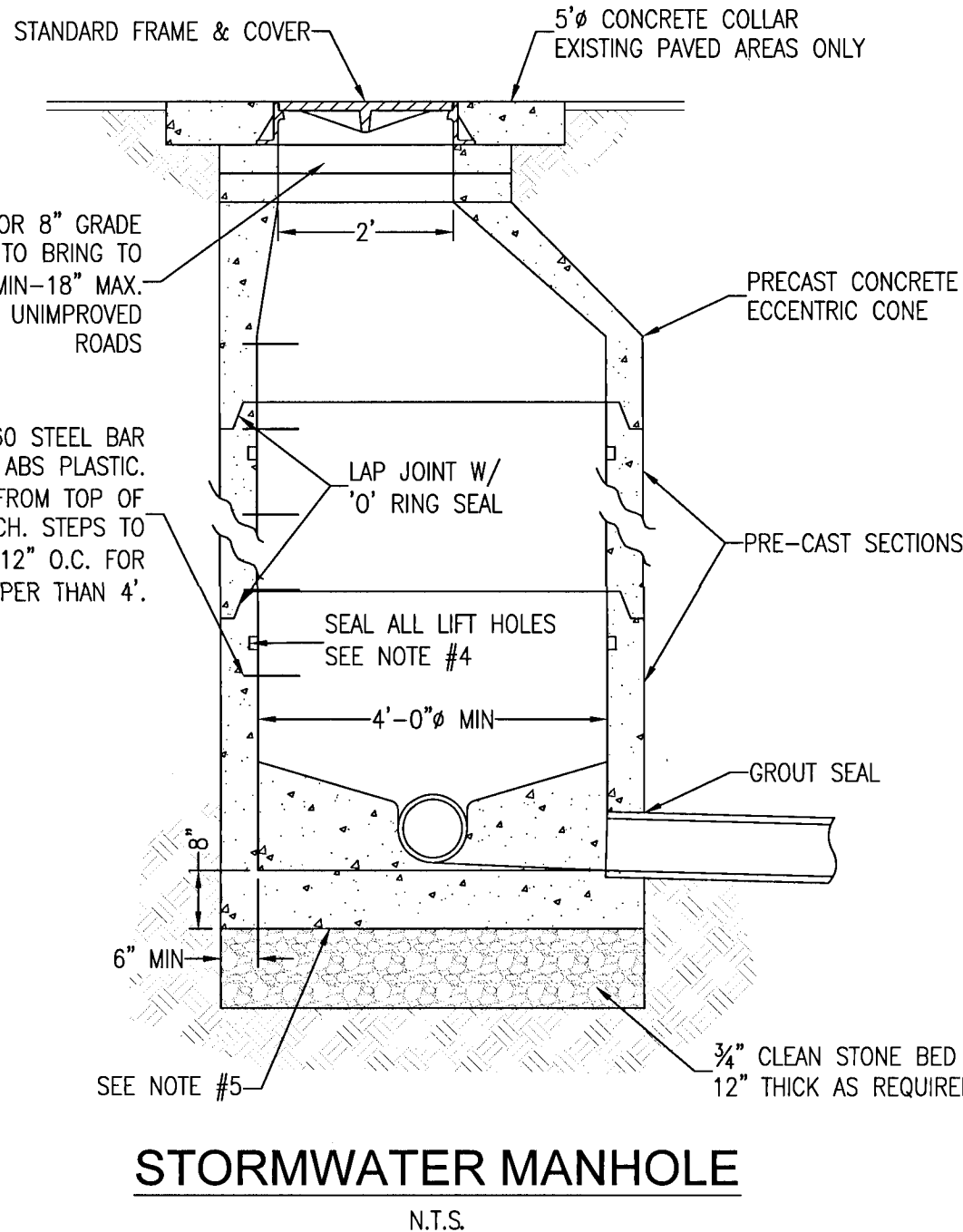
| MITERED END SECTIONS | |
|----------------------|--------------------|
| NAME | INVERT |
| MES-14 | INV=84.00' (PD-14) |
| MES-20 | INV=93.00' (PD-20) |
| MES-34 | INV=93.00' (PD-32) |

| TYPE D DITCH BOTTOM INLETS | |
|----------------------------|---|
| NAME | INVERT |
| DI-30 | INV=94.48 (PD-30) |
| DI-50 | INV=102.68 (PD-50) |
| DI-90 | INV=94.00 (PD-80) |
| DI-100 | INV=92.00 (PD-90) INV=92.00' (PD-80) |

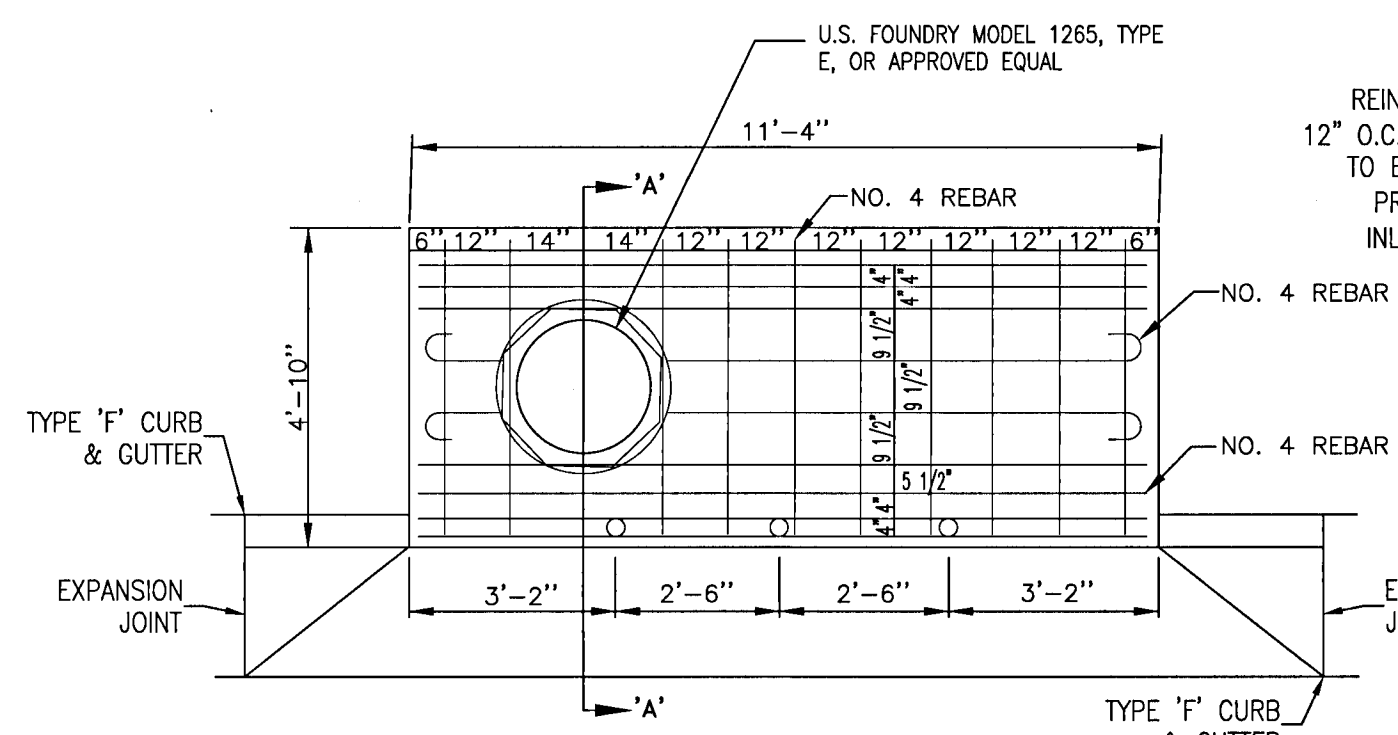
| PIPE SUMMARY - PARCEL AA | |
|--------------------------|--------|
| 18" RCP | 535 LF |
| TOTAL | 535 LF |
| INLETS & MANHOLES | 7 |
| MITERED END | 2 |

| PIPE SUMMARY - PARCEL CC | |
|--------------------------|--------|
| 18" HDPE | 263 LF |
| 18" RCP | 342 LF |
| 24" RCP | 79 LF |
| TOTAL | 684 LF |
| INLETS & MANHOLES | 6 |
| MITERED END | 1 |

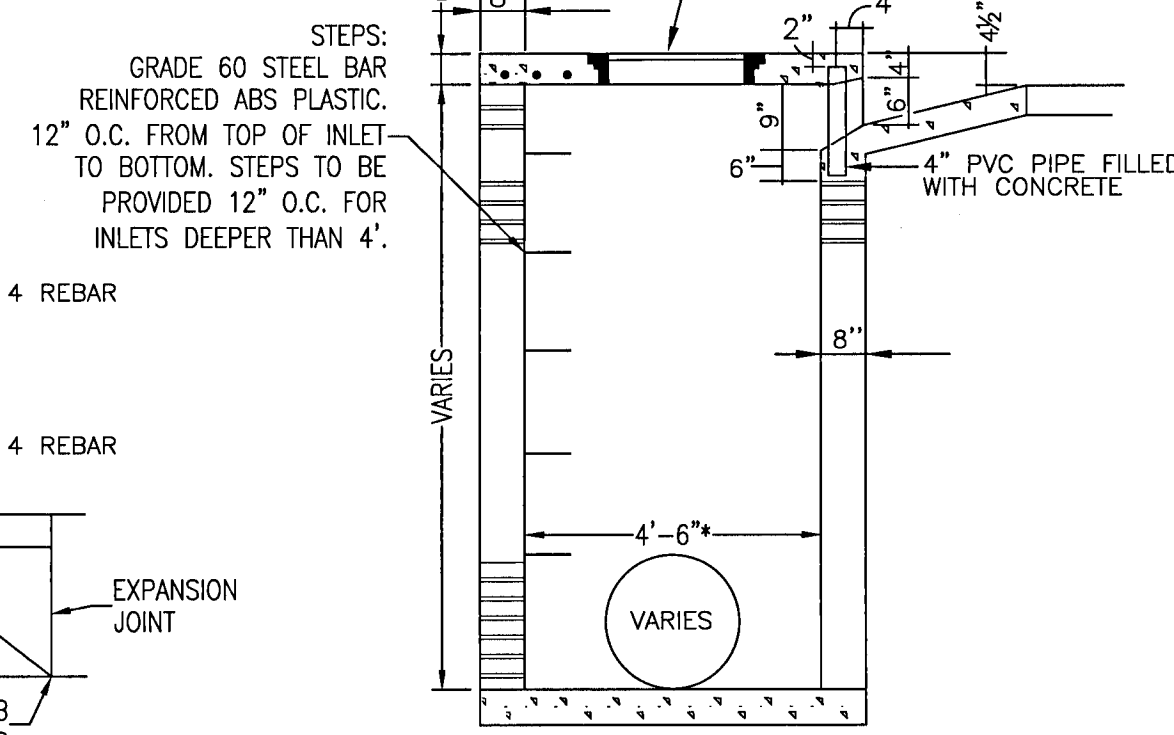
- NOTES:
- MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS WITH 4000 PSI CONCRETE.
 - DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL OF THE PIPE BEING USED.
 - JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC GASKET OR EQUAL.
 - ALL PATCHING TO BE DONE WITH HYDRAULIC CEMENT. NO MORTAR REPAIRS PERMITTED.
 - 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 ASTM C-478.
 - CAST IN PLACE MANHOLE MAY BE ALLOWED IN PRE-APPROVED LOCATIONS.



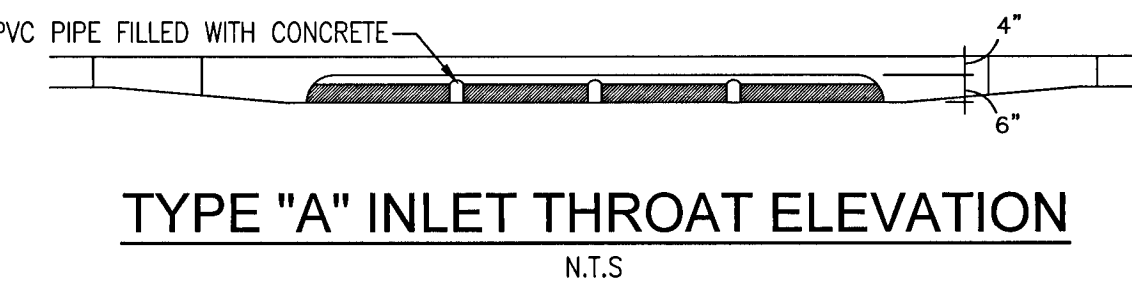
STEPS: GRADE 60 STEEL BAR REINFORCED ABS PLASTIC. 12" O.C. FROM TOP OF CONE TO BENCH. STEPS TO BE PROVIDED 12" O.C. FOR INLETS DEEPER THAN 4'.



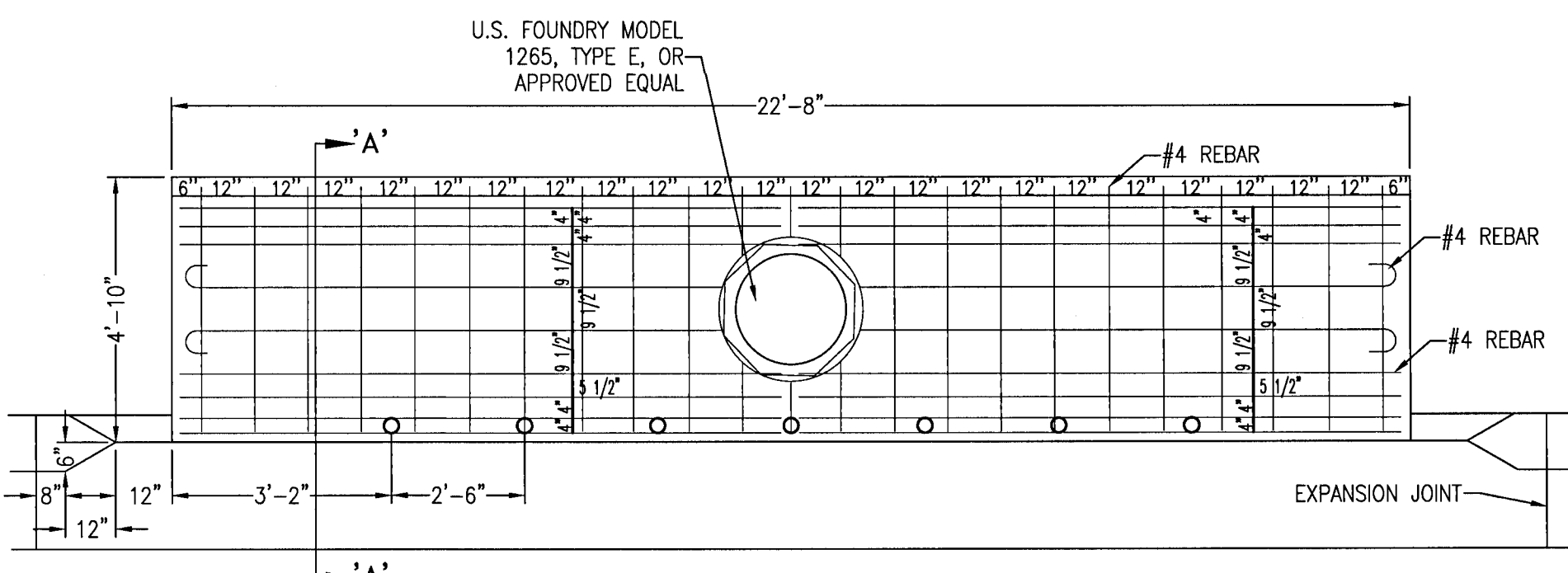
PLAN VIEW
TYPE "A" CURB INLET DETAIL
N.T.S.



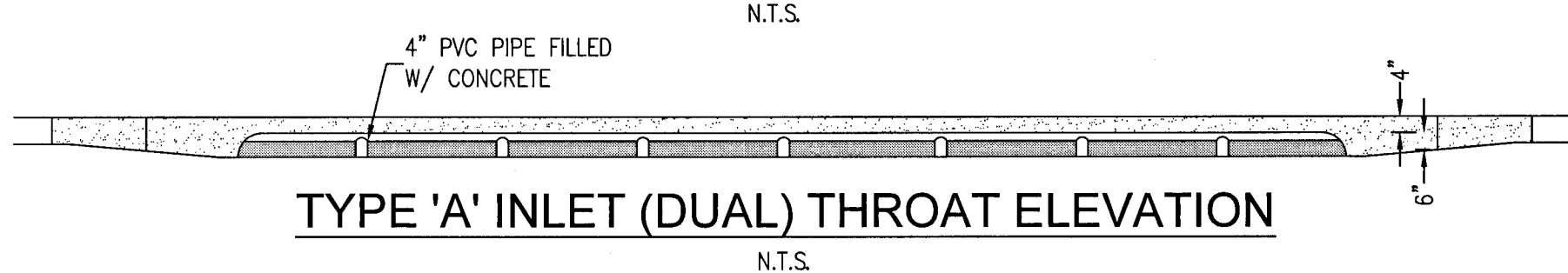
SECTION A-A
TYPE "A" CURB INLET DETAIL
N.T.S.



TYPE "A" INLET THROAT ELEVATION
N.T.S.

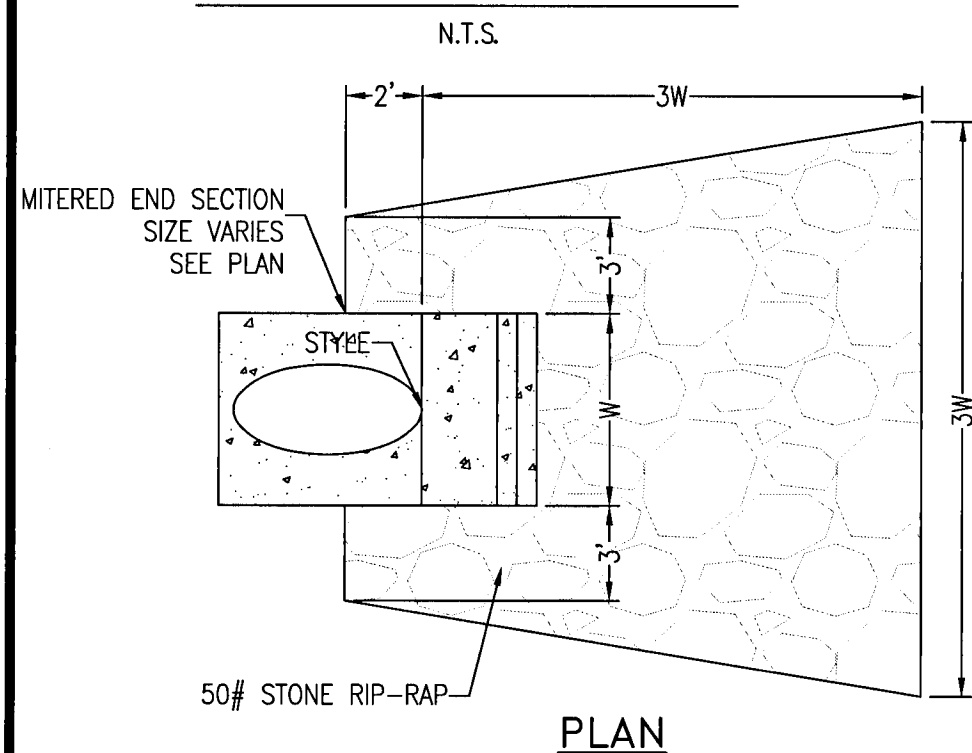


TYPE 'A' INLET (DUAL) PLAN VIEW
N.T.S.



TYPE 'A' INLET (DUAL) THROAT ELEVATION
N.T.S.

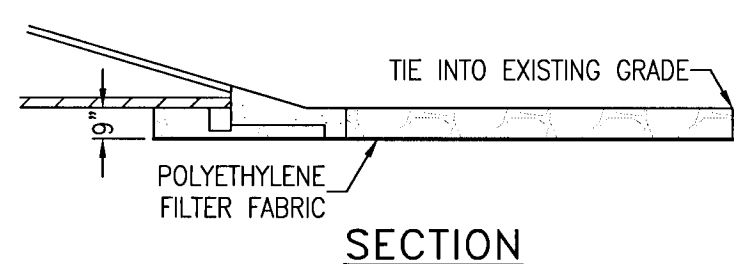
FDOT TYPE 'D' INLET
N.T.S.



PLAN

RIP-RAP DETAIL
N.T.S.

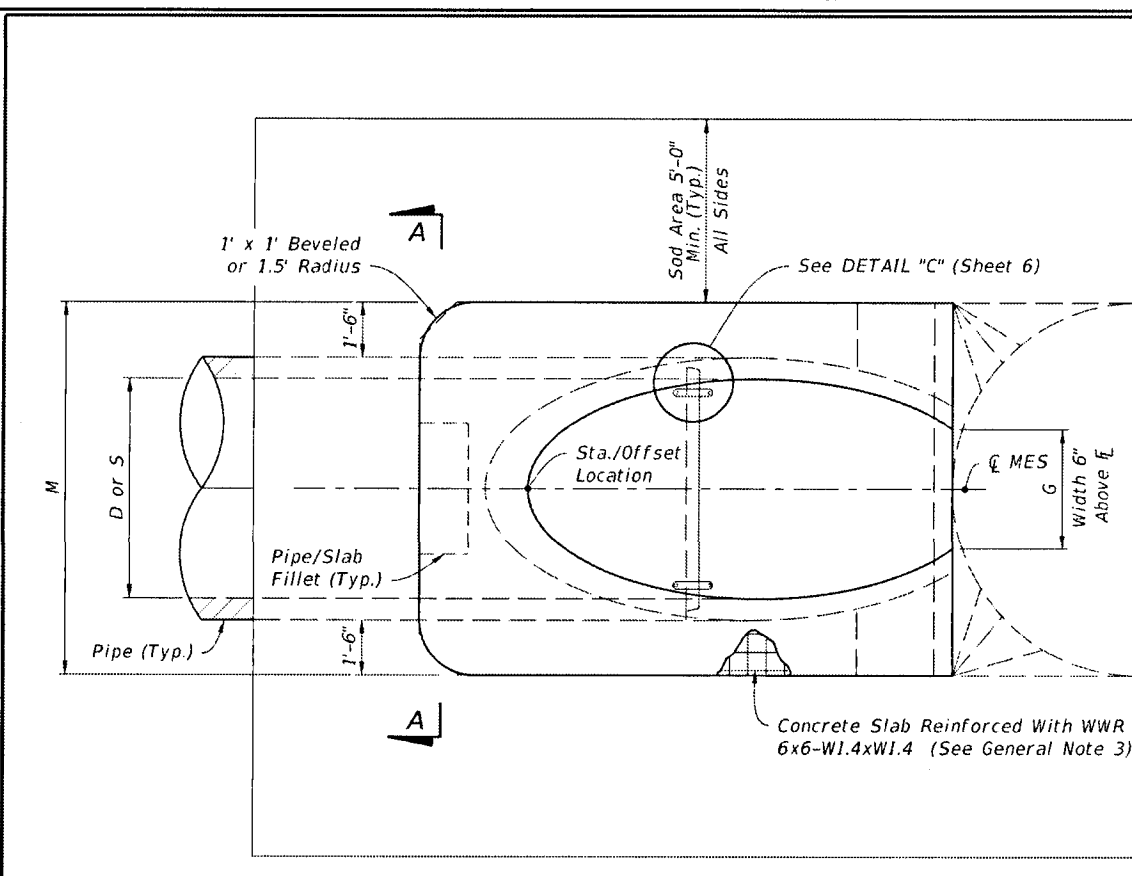
| STORMWATER JUNCTION BOX | | |
|-------------------------|---------------|--|
| NAME | TOP ELEVATION | INVERTS |
| JB-32 JUNCTION BOX | 99.00 | INV=93.17 (PD-30) INV=93.17 (PD-32) |
| JB-60 JUNCTION BOX | 102.90 | INV=99.00 (PD-50) INV=99.00 (PD-60) |
| JB-120 JUNCTION BOX | 97.78 | INV=88.84 (PD-140) INV=88.84 (PD-110) |



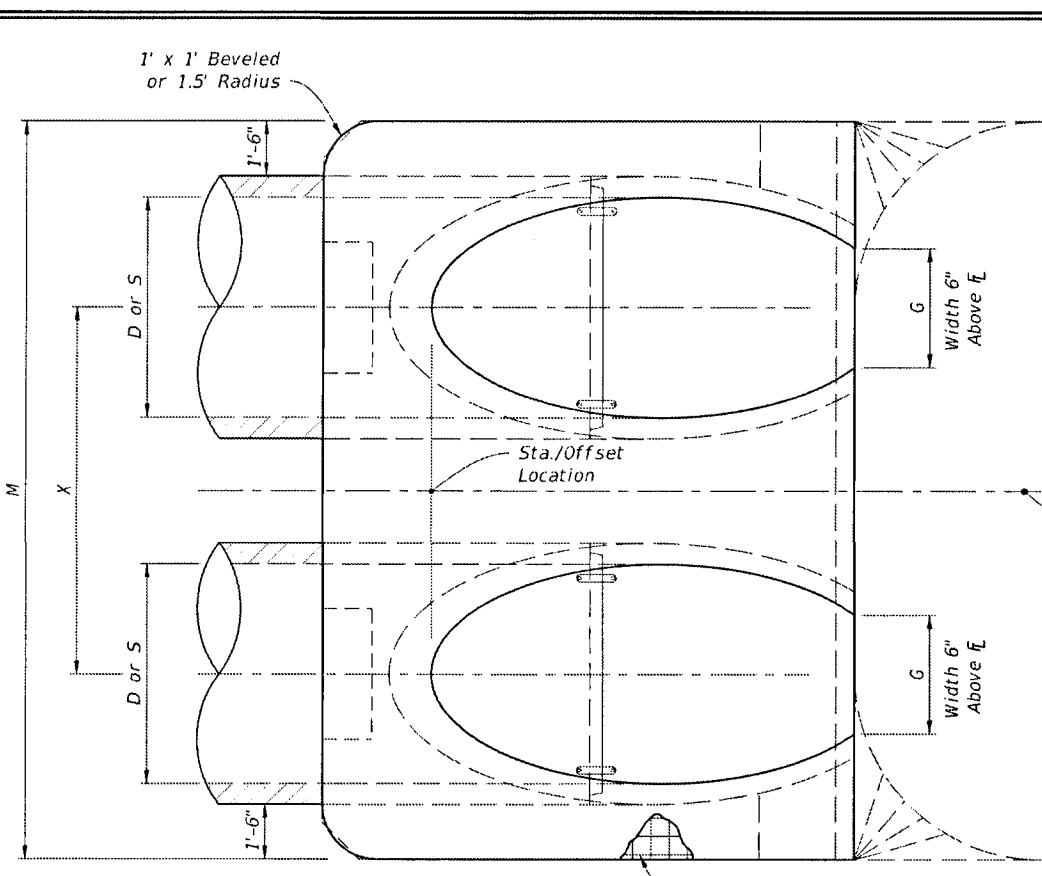
SECTION

| CURB INLET | | |
|----------------------------|---|--|
| NAME & DESCRIPTION | ELEVATIONS | INVERTS |
| CI-100 DUAL TYPE 'A' INLET | TOP=96.67 EOP=96.25 THROAT=95.84 | INV=91.39 (PD-100) INV=91.39 (PD-110) |
| CI-110 DUAL TYPE 'A' INLET | TOP=96.67 EOP=96.25 THROAT=95.84 | INV=91.72 (PD-100) INV=91.72 (PD-90) |
| CI-130 TYPE 'A' INLET | TOP=99.70 EOP=99.28 THROAT=98.67 | INV=92.13 (PD-130) INV=92.13 (PD-140) |
| CI-140 TYPE 'A' INLET | TOP=98.79 EOP=98.37 THROAT=97.96 | INV=92.31 (PD-130) |
| CI-150 DUAL TYPE 'A' INLET | TOP=101.48 EOP=101.06 THROAT=100.65 | INV=96.50 (PD-150) INV=97.50 (PD-60) |
| CI-160 DUAL TYPE 'A' INLET | TOP=101.48 EOP=101.06 THROAT=100.65 | INV=96.34 (PD-150) INV=93.46 (PD-20) |

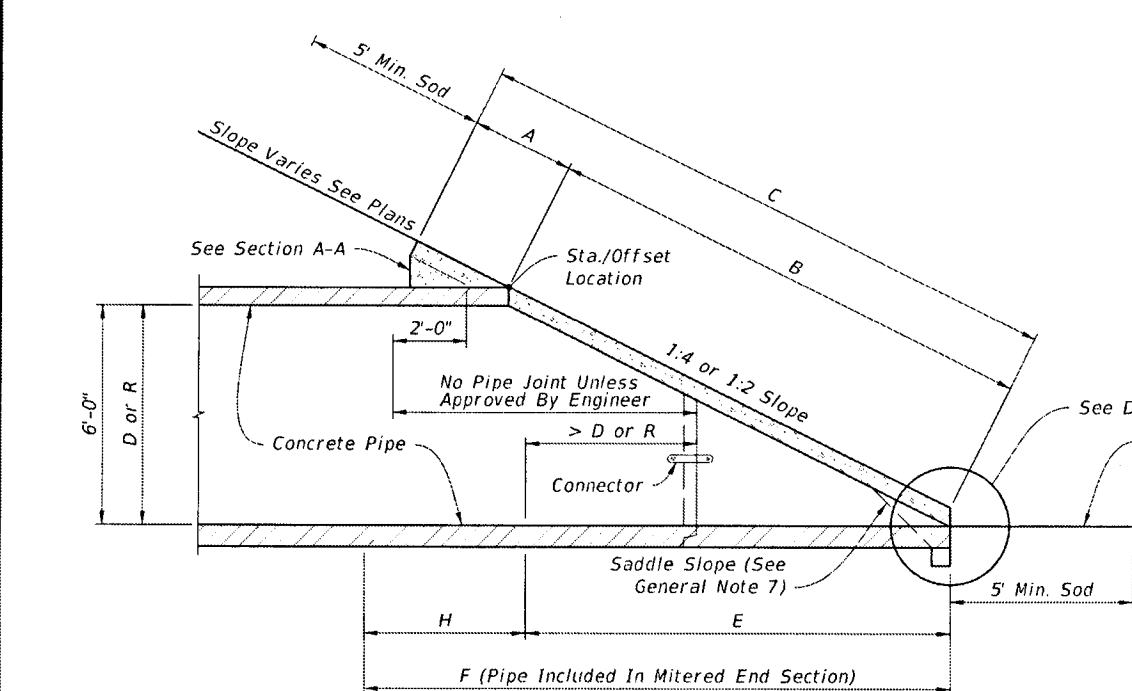
STORMWATER MANHOLE
N.T.S.



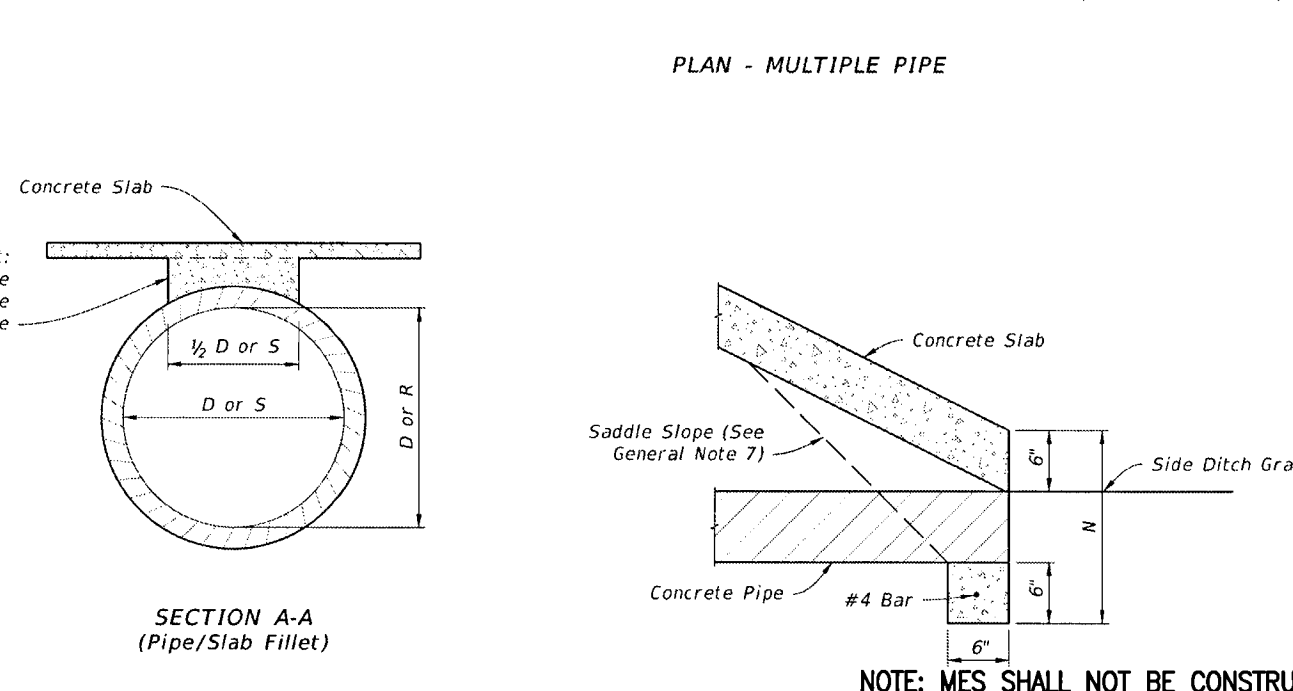
PLAN - SINGLE PIPE



PLAN - MULTIPLE PIPE



ELEVATION



SECTION A-A
(Pipe/Slab Fillet)

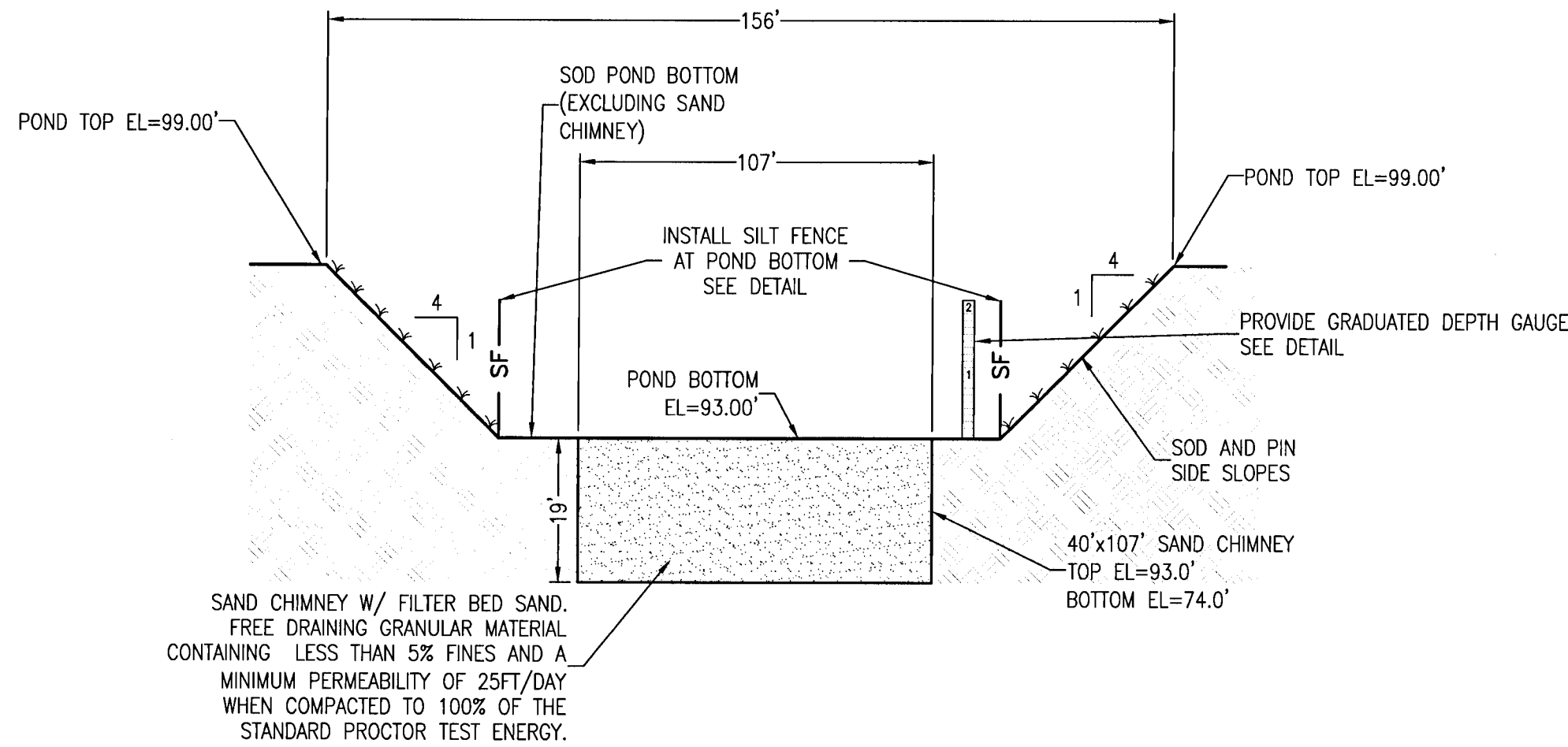
NOTE: MES SHALL NOT BE CONSTRUCTED OF PVC (AKA A2000) OR HDPE (AKA ADS PIPE). USE ONLY CONCRETE PIPE FOR MES.

SINGLE AND MULTIPLE CONCRETE PIPE

CROSS DRAIN MITERED END SECTION

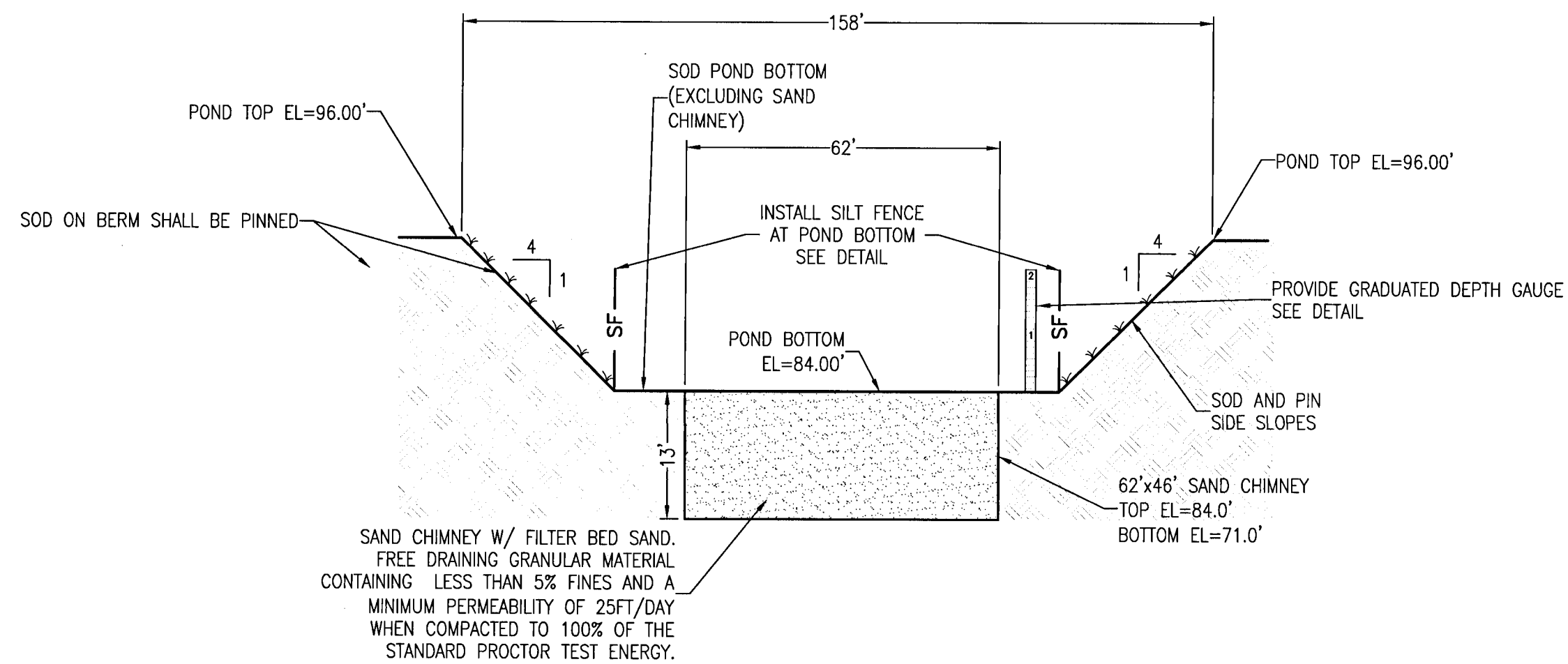
| INDEX | SHEET |
|---------|--------|
| 430-021 | 2 of 6 |

| | | TABLE 1 SINGLE AND MULTIPLE CONCRETE PIPE DIMENSIONS AND QUANTITIES | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-----------|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|--------|--------|--------------------------------------|--------|--------|--------|--------|--------|----|----|
| Dia. D | Rise R | Span S | CONC. SLAB (CY) (See General Note 3) | | | | | | | | | | | | CONC. SLAB (CY) (See General Note 3) | | | | SODDING (SY) (See General Note 3) | | | | | | | |
| | | | Single | | Double | | Triple | | Quadr. | | Single | | Double | | Triple | | Single | | Double | | Triple | | Quadr. | | | |
| | | | Rise | Double | Rise | Double | Rise | Double | Rise | Double | Rise | Double | Rise | Double | Rise | Double | Rise | Double | Rise | Double | Rise | Double | Rise | Double | | |
| h2 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 | 119 | 3.8 | 0.58 | 0.77 | 0.96 | 0.27 | 0.41 | 0.54 | 0.67 | 21 | 24 | 27 | 30 |
| | 18" | 2'-10" | 1.97 | 2.24 | 4.27 | 2.10 | 6 | 1.41 | 3.4 | 4.92 | 7.75 | 10.58 | 13.42 | 121 | 4.4 | 0.65 | 0.87 | 1.09 | 0.31 | 0.45 | 0.60 | 0.75 | 22 | 25 | 28 | 31 |
| | 24" | 3'-5" | 2.06 | 2.35 | 4.51 | 2.20 | 7 | 1.73 | 3.4 | 5.50 | 8.92 | 12.33 | 15.75 | 125 | 5.0 | 0.79 | 1.07 | 1.36 | 0.39 | 0.59 | 0.79 | 1.00 | 24 | 28 | 32 | 36 |
| | 30" | 4'-3" | 2.15 | 2.45 | 4.69 | 2.30 | 8 | 2.00 | 3.4 | 6.08 | 10.33 | 14.58 | 18.83 | 129 | 5.6 | 1.00 | 1.36 | 1.76 | 0.46 | 0.76 | 1.04 | 1.32 | 26 | 31 | 35 | 40 |
| | 36" | 5'-1" | 2.25 | 2.55 | 4.83 | 2.35 | 9 | 2.24 | 3.4 | 6.67 | 11.75 | 16.83 | 21.92 | 133 | 6.2 | 1.12 | 1.54 | 2.00 | 0.51 | 0.82 | 1.11 | 1.46 | 27 | 33 | 39 | 45 |
| | 42" | 6'-0" | 2.34 | 2.75 | 5.05 | 2.40 | 10 | 2.45 | 3.4 | 7.25 | 13.25 | 19.25 | 25.25 | 138 | 6.9 | 1.20 | 1.66 | 2.19 | 0.56 | 0.91 | 1.26 | 1.65 | 30 | 37 | 43 | 50 |
| | 48" | 6'-9" | 2.43 | 2.83 | 5.16 | 2.45 | 11 | 2.65 | 3.4 | 7.83 | 14.58 | 21.58 | 28.08 | 142 | 7.6 | 1.27 | 1.79 | 2.37 | 0.61 | 1.00 | 1.37 | 1.82 | 32 | 39 | 47 | 54 |
| | 54" | 7'-8" | 2.52 | 2.92 | 5.29 | 2.50 | 12 | 2.83 | 3.4 | 8.42 | 16.08 | 23.75 | 31.42 | 146 | 8.4 | 1.34 | 1.90 | 2.54 | 0.66 | 1.09 | 1.50 | 2.00 | 33 | 41 | 49 | 57 |
| | 60" | 8'-6" | 2.62 | 3.02 | 5.46 | 2.55 | 13 | 3.00 | 3.4 | 9.00 | 17.50 | 26.00 | 34.50 | 150 | 9.1 | 1.39 | 2.00 | 2.71 | 0.69 | 1.15 | 1.60 | 2.14 | 34 | 42 | 50 | 58 |
| | 66" | 9'-2" | 2.71 | 3.11 | 5.59 | 2.60 | 14 | 3.18 | 3.4 | 9.58 | 18.75 | 27.92 | 37.08 | 154 | 9.8 | 1.44 | 2.09 | 2.85 | 0.73 | 1.23 | 1.72 | 2.29 | 35 | 43 | 51 | 59 |
| 14 Slope | 72" | 10'-0" | 2.80 | 3.20 | 5.66 | 2.65 | 15 | 3.36 | 3.4 | 10.16 | 20.16 | 30.16 | 40.16 | 158 | 10.5 | 1.48 | 2.18 | 3.02 | 0.77 | 1.30 | 1.83 | 2.43 | 36 | 44 | 52 | 60 |
| | 78" | 10'-9" | 2.89 | 3.29 | 5.78 | 2.70 | 16 | 3.54 | 3.4 | 10.75 | 21.58 | 32.58 | 42.58 | 162 | 11.2 | 1.53 | 2.26 | 3.15 | 0.81 | 1.37 | 1.94 | 2.59 | 37 | 45 | 53 | 61 |
| | 84" | 11'-7" | 2.98 | 3.38 | 5.88 | 2.75 | 17 | 3.72 | 3.4 | 11.33 | 23.00 | 35.00 | 45.00 | 166 | 12.0 | 1.58 | 2.34 | 3.28 | 0.86 | 1.45 | 2.06 | 2.74 | 38 | 46 | 54 | 62 |
| | 90" | 12'-5" | 3.07 | 3.47 | 5.98 | 2.80 | 18 | 3.90 | 3.4 | 11.92 | 24.42 | 37.42 | 47.42 | 170 | 12.8 | 1.63 | 2.43 | 3.42 | 0.90 | 1.52 | 2.17 | 2.91 | 39 | 47 | 55 | 63 |
| | 96" | 13'-3" | 3.16 | 3.56 | 6.08 | 2.85 | 19 | 4.08 | 3.4 | 12.50 | 25.84 | 39.84 | 49.84 | 174 | 13.6 | 1.68 | 2.51 | 3.54 | 0.94 | 1.59 | 2.28 | 3.06 | 40 | 48 | 56 | 64 |
| | 102" | 14'-1" | 3.25 | 3.65 | 6.19 | 2.90 | 20 | 4.26 | 3.4 | 13.08 | 27.26 | 42.26 | 52.26 | 178 | 14.4 | 1.73 | 2.59 | 3.66 | 0.98 | 1.66 | 2.39 | 3.20 | 41 | 49 | 57 | 65 |
| | 108" | 14'-10" | 3.34 | 3.74 | 6.30 | 2.95 | 21 | 4.44 | 3.4 | 13.67 | 28.68 | 44.68 | 54.68 | 182 | 15.2 | 1.78 | 2.67 | 3.78 | 1.02 | 1.75 | 2.51 | 3.35 | 42 | 50 | 58 | 66 |
| | 114" | 15'-8" | 3.43 | 3.83 | 6.41 | 3.00 | 22 | 4.62 | 3.4 | 14.25 | 30.10 | 47.10 | 57.10 | 186 | 16.0 | 1.83 | 2.75 | 3.90 | 1.06 | 1.84 | 2.64 | 3.52 | 43 | 51 | 59 | 67 |
| | 120" | 16'-6" | 3.52 | 3.92 | 6.52 | 3.05 | 23 | 4.80 | 3.4 | 14.84 | 31.52 | 49.52 | 59.52 | 190 | 16.8 | 1.88 | 2.83 | 4.02 | 1.10 | 1.92 | 2.75 | 3.66 | 44 | 52 | 60 | 68 |
| | 126" | 17'-4" | 3.61 | 4.01 | 6.63 | 3.10 | 24 | 4.98 | 3.4 | 15.42 | 32.94 | 51.94 | 61.94 | 194 | 17.6 | 1.93 | 2.91 | 4.14 | 1.14 | 2.00 | 2.86 | 3.81 | 45 | 53 | 61 | 69 |
| h2 Slope | 132" | 18'-2" | 3.70 | 4.10 | 6.75 | 3.15 | 25 | 5.16 | 3.4 | 16.00 | 34.36 | 54.36 | 64.36 | 198 | 18.4 | 1.98 | 3.00 | 4.29 | 1.18 | 2.06 | 2.94 | 3.89 | 46 | 54 | 62 | 70 |
| | 138" | 19'-0" | 3.79 | 4.19 | 6.87 | 3.20 | 26 | 5.34 | 3.4 | 16.58 | 35.78 | 56.78 | 66.78 | 202 | 19.2 | 2.03 | 3.08 | 4.42 | 1.22 | 2.11 | 3.03 | 4.00 | 47 | 55 | 63 | 71 |
| | 144" | 19'-9" | 3.88 | 4.28 | 6.99 | 3.25 | 27 | 5.52 | 3.4 | 17.16 | 37.20 | 59.20 | 69.20 | 206 | 20.0 | 2.08 | 3.16 | 4.56 | 1.26 | 2.17 | 3.12 | 4.11 | 48 | 56 | 64 | 72 |
| | 150" | 20'-7" | 3.97 | 4.37 | 7.11 | 3.30 | 28 | 5.70 | 3.4 | 17.75 | 38.62 | 61.62 | 71.62 | 210 | 20.8 | 2.13 | 3.24 | 4.69 | 1.30 | 2.22 | 3.19 | 4.20 | 49 | 57 | 65 | 73 |
| | 156" | 21'-5" | 4.06 | 4.46 | 7.23 | 3.35 | 29 | 5.88 | 3.4 | 18.33 | 40.04 | 64.04 | 74.04 | 214 | 21.6 | 2.18 | 3.34 | 4.83 | 1.34 | 2.27 | 3.26 | 4.29 | 50 | 58 | 66 | 74 |
| | 162" | 22'-3" | 4.15 | 4.55 | 7.35 | 3.40 | 30 | 6.06 | 3.4 | 18.92 | 41.46 | 66.46 | 76.46 | 218 | 22.4 | 2.23 | 3.44 | 4.99 | 1.38 | 2.32 | 3.33 | 4.36 | 51 | 59 | 67 | 75 |
| | 168" | 23'-1" | 4.24 | 4.64 | 7.47 | 3.45 | 31 | 6.24 | 3.4 | 19.50 | 42.88 | 68.88 | 78.88 | 222 | 23.2 | 2.28 | 3.56 | 5.17 | 1.42 | 2.37 | 3.40 | 4.43 | 52 | 60 | 68 | 76 |
| | 174" | 23'-10" | 4.33 | 4.73 | 7.59 | 3.50 | 32 | 6.42 | 3.4 | 20.08 | 44.30 | 71.30 | 81.30 | 226 | 24.0 | 2.33 | 3.68 | 5.34 | 1.46 | 2.42 | 3.46 | 4.50 | 53 | 61 | 69 | 77 |
| | 180" | 24'-8" | 4.42 | 4.82 | 7.71 | 3.55 | 33 | 6.60 | 3.4 | 20.67 | 45.72 | 73.72 | 83.72 | 230 | 24.8 | 2.38 | 3.79 | 5.54 | 1.50 | 2.47 | 3.53 | 4.57 | 54 | 62 | 70 | 78 |
| | 186" | 25'-6" | 4.51 | 4.91 | 7.83 | 3.60 | 34 | 6.78 | 3.4 | 21.25 | 47.14 | 76.14 | 86.14 | 234 | 25.6 | 2.43 | 3.90 | 5.73 | 1.54 | 2.52 | 3.60 | 4.63 | 55 | 63 | 71 | 79 |
| 14 Slope | 192" | 26'-4" | 4.60 | 5.00 | 7.95 | 3.65 | 35 | 6.96 | 3.4 | 21.84 | 48.56 | 78.56 | 88.56 | 238 | 26.4 | 2.48 | 4.02 | 5.99 | 1.58 | 2.57 | 3.67 | 4.71 | 56 | 64 | 72 | 80 |
| | 198" | 27'-2" | 4.69 | 5.09 | 8.07 | 3.70 | 36 | 7.14 | 3.4 | 22.42 | 50.00 | 81.00 | 91.00 | 242 | 27.2 | 2.53 | 4.14 | 6.19 | 1.62 | 2.62 | 3.74 | 4.79 | 57 | 65 | 73 | 81 |
| | 204" | 28'-0" | 4.78 | 5.18 | 8.19 | 3.75 | 37 | 7.32 | 3.4 | 23.00 | 51.42 | 83.42 | 93.42 | 246 | 28.0 | 2.58 | 4.26 | 6.40 | 1.66 | 2.67 | 3.80 | 4.84 | 58 | 66 | 74 | 82 |
| | 210" | 28'-9" | 4.87 | 5.27 | 8.31 | 3.80 | 38 | 7.50 | 3.4 | 23.58 | 52.84 | 85.84 | 95.84 | 250 | 28.8 | 2.63 | 4.38 | 6.65 | 1.70 | 2.71 | 3.86 | 4.90 | 59 | 67 | 75 | 83 |
| | 216" | 29'-7" | 4.96 | 5.36 | 8.43 | 3.85 | 39 | 7.68 | 3.4 | 24.17 | 54.26 | 88.26 | 98.26 | 254 | 29.6 | 2.68 | 4.50 | 6.93 | 1.74 | 2.76 | 3.94 | 5.00 | 60 | 68 | 76 | 84 |
| | 222" | 30'-5" | 5.05 | 5.45 | 8.55 | 3.90 | 40 | 7.86 | 3.4 | 24.75 | 55.68 | 90.68 | 100.68 | 258 | 30.4 | 2.73 | 4.62 | 7.21 | 1.78 | 2.81 | 4.04 | 5.11 | 61 | 69 | 77 | 85 |
| | 228" | 31'-3" | 5.14 | 5.54 | 8.67 | 3.95 | 41 | 8.04 | 3.4 | 25.34 | 57.10 | 93.10 | 103.10 | 262 | 31.2 | 2.78 | 4.74 | 7.51 | 1.82 | 2.85 | 4.10 | 5.18 | 62 | 70 | 78 | 86 |
| | 234" | 32'-1" | 5.23 | 5.63 | 8.79 | 4.00 | 42 | 8.22 | 3.4 | 25.92 | 58.52 | 95.52 | 105.52 | 266 | 32.0 | 2.83 | 4.86 | 7.81 | 1.86 | 2.90 | 4.18 | 5.27 | 63 | 71 | 79 | 87 |
| | 240" | 32'-10" | 5.32 | 5.72 | 8.91 | 4.05 | 43 | 8.40 | 3.4 | 26.50 | 60.00 | 98.00 | 108.00 | 270 | 32.8 | 2.88 | 4.98 | 8.09 | 1.90 | 2.94 | 4.26 | 5.36 | 64 | 72 | 80 | 88 |
| | 246" | 33'-8" | 5.41 | 5.81 | 9.03 | 4.10 | 44 | 8.58 | 3.4 | 27.08 | 61.42 | 100.42 | 110.42 | 274 | 33.6 | 2.93 | 5.10 | 8.38 | 1.94 | 2.98 | 4.36 | 5.47 | 65 | 73 | 81 | 89 |
| h2 Slope | 252" | 34'-6" | 5.50 | 5.90 | 9.15 | 4.15 | 45 | 8.76 | 3.4 | 27.67 | 62.84 | 102.84 | 112.84 | 278 | 34.4 | 2.98 | 5.22 | 8.69 | 1.98 | 3.02 | 4.46 | 5.58 | 66 | 74 | 82 | 90 |
| | 258" | 35'-4" | 5.59 | 5.99 | 9.27 | 4.20 | 46 | 8.94 | 3.4 | 28.25 | 64.26 | 105.26 | 115.26 | 282 | 35.2 | 3.03 | 5.34 | 8.99 | 2.02 | 3.06 | 4.57 | 5.69 | 67 | 75 | 83 | 91 |
| | 264" | 36'-2" | 5.68 | 6.08 | 9.39 | 4.25 | 47 | 9.12 | 3.4 | 28.84 | 65.68 | 107.68 | 117.68 | 286 | 36.0 | 3.08 | 5.46 | 9.29 | 2.06 | 3.10 | 4.68 | 5.81 | 68 | 76 | 84 | 92 |
| | 270" | 37'-0" | 5.77 | 6.17 | 9.51 | 4.30 | 48 | 9.30 | 3.4 | 29.42 | 67.10 | 110.10 | 120.10 | 290 | 36.8 | 3.13 | 5.58 | 9.61 | 2.10 | 3.14 | 4.79 | 5.93 | 69 | 77 | 85 | 93 |
| | 276" | 37'-9" | 5.86 | 6.26 | 9.63 | 4.35 | 49 | 9.48 | 3.4 | 30.00 | 68.52 | 112.52 | 122.52 | 294 | 37.6 | 3.18 | 5.70 | 9.93 | 2.14 | 3.18 | 4.90 | 6.06 | 70 | 78 | 86 | 94 |
| | 282" | 38'-7" | 5.95 | 6.35 | 9.75 | 4.40 | 50 | 9.66 | 3.4 | 30.58 | 69.94 | 114.94 | 124.94 | 298 | 38.4 | 3.23 | 5.82 | 10.25 | 2.18 | 3.22 | 5.01 | 6.18 | 71 | 79 | 87 | 95 |
| | 288" | 39'-5" | 6.04 | 6.44 | 9.87 | 4.45 | 51 | 9.84 | 3.4 | 31.17 | 71.36 | 117.36 | 127.36 | 302 | 39.2 | 3.28 | 5.94 | 10.57 | 2.22 | 3.26 | 5.12 | 6.30 | 72 | 80 | 88 | 96 |
| | 294" | 40'-3" | 6.13 | 6.53 | 9.99 | 4.50 | 52 | 10.02 | 3.4 | 31.75 | 72.78 | 119.78 | 129.78 | 306 | 40.0 | 3.33 | 6.06 | 10.89 | 2.26 | 3.30 | 5.23 | 6.42 | 73 | 81 | 89 | 97 |
| | 300" | 41'-1" | 6.22 | 6.62 | 10.11 | 4.55 | 53 | 10.20 | 3.4 | 32.34 | 74.20 | 122.20 | 132.20 | 310 | 40.8 | 3.38 | 6.18 | 11.21 | 2.30 | 3.34 | 5.34 | 6.54 | 74 | 82 | 90 | 98 |
| | 306" | 41'-10" | 6.31 | 6.71 | 10.23 | 4.60 | 54 | 10.38 | 3.4 | 32.92 | 75.62 | 124.62 | 134.62 | 314 | 41.6 | 3.43 | 6.30 | 11.53 | 2.34 | 3.38 | 5.45 | 6.66 | 75 | 83 | 91 | 99 |



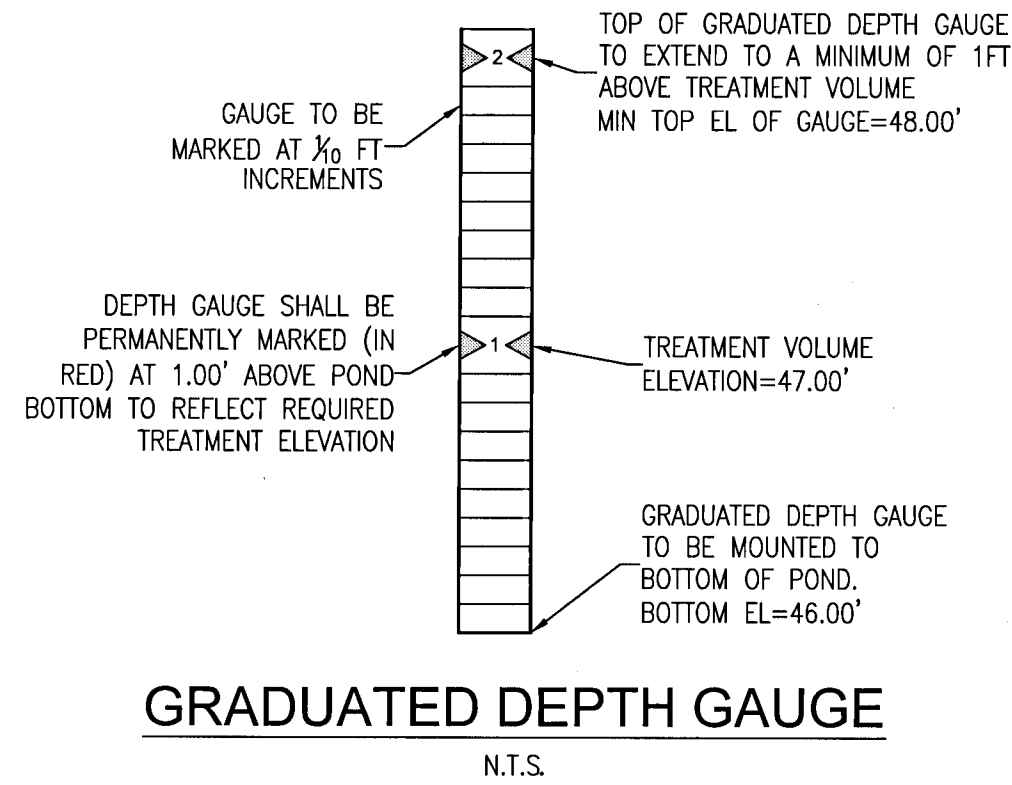
1. A REGISTERED PROFESSIONAL MUST BE PRESENT ON-SITE TO VERIFY THAT THE BOTTOM OF THE CHIMNEY IS KEYING INTO THE PERMEABLE LAYER THAT IS UTILIZED IN THE DESIGN CALCULATIONS. REPRESENTATIVES OF BOTH REBOL-BATTLE & ASSOCIATES AND NOVA ENGINEERING & ENVIRONMENTAL SHALL BE PRESENT.
2. A REGISTERED PROFESSIONAL MUST BE PRESENT ON-SITE TO VERIFY THAT THE LESS PERMEABLE MATERIAL HAS BEEN REMOVED TO AN APPROPRIATE DEPTH IN THE BOTTOM OF THE CHIMNEY, PRIOR TO INSTALLING THE CHIMNEY MATERIAL. REPRESENTATIVES OF BOTH REBOL-BATTLE & ASSOCIATES AND NOVA ENGINEERING & ENVIRONMENTAL SHALL BE PRESENT.
3. THE SAND CHIMNEY SHOULD BE INSTALLED SO THAT IT WILL KEY INTO THE ORANGE FINE GRAINED SANDS (SP) SOIL STRATUM ENCOUNTERED FROM ABOUT 13FT TO 16FT BELOW EXISTING GRADE.
4. THE ENTIRE BANK SLOPE & BOTTOM (WITH THE EXCEPTION OF THE SAND CHIMNEY) SHALL BE SODDED IN A MANNER TO GUARANTEE HEALTHY GRASS GROWTH (FREE FROM NOXIOUS WEEDS) SUCH AS ST. AUGUSTINE, CENTIPEDE OR OTHER SUITABLE GRASS. SOD ON SIDE SLOPES SHALL BE PINNED.

CROSS SECTION C-C
RETENTION POND W/ SAND CHIMNEY DETAIL
N.T.S.

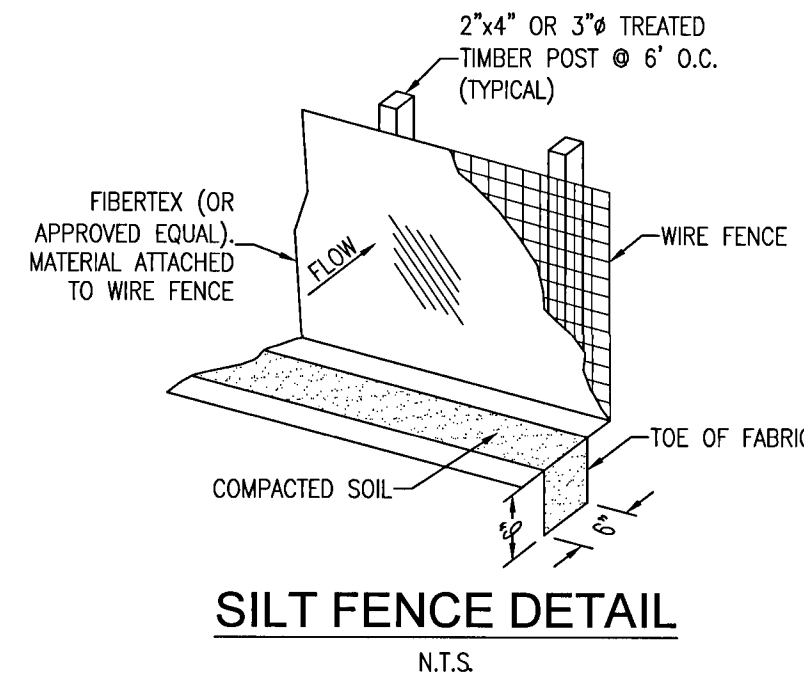


1. A REGISTERED PROFESSIONAL MUST BE PRESENT ON-SITE TO VERIFY THAT THE BOTTOM OF THE CHIMNEY IS KEYING INTO THE PERMEABLE LAYER THAT IS UTILIZED IN THE DESIGN CALCULATIONS. REPRESENTATIVES OF BOTH REBOL-BATTLE & ASSOCIATES AND NOVA ENGINEERING & ENVIRONMENTAL SHALL BE PRESENT.
2. A REGISTERED PROFESSIONAL MUST BE PRESENT ON-SITE TO VERIFY THAT THE LESS PERMEABLE MATERIAL HAS BEEN REMOVED TO AN APPROPRIATE DEPTH IN THE BOTTOM OF THE CHIMNEY, PRIOR TO INSTALLING THE CHIMNEY MATERIAL. REPRESENTATIVES OF BOTH REBOL-BATTLE & ASSOCIATES AND NOVA ENGINEERING & ENVIRONMENTAL SHALL BE PRESENT.
3. THE SAND CHIMNEY SHOULD BE INSTALLED SO THAT IT WILL KEY INTO THE ORANGE FINE GRAINED SANDS (SP) SOIL STRATUM ENCOUNTERED FROM ABOUT 13FT TO 16FT BELOW EXISTING GRADE.
4. THE ENTIRE BANK SLOPE & BOTTOM (WITH THE EXCEPTION OF THE SAND CHIMNEY) SHALL BE SODDED IN A MANNER TO GUARANTEE HEALTHY GRASS GROWTH (FREE FROM NOXIOUS WEEDS) SUCH AS ST. AUGUSTINE, CENTIPEDE OR OTHER SUITABLE GRASS. SOD ON SIDE SLOPES SHALL BE PINNED.

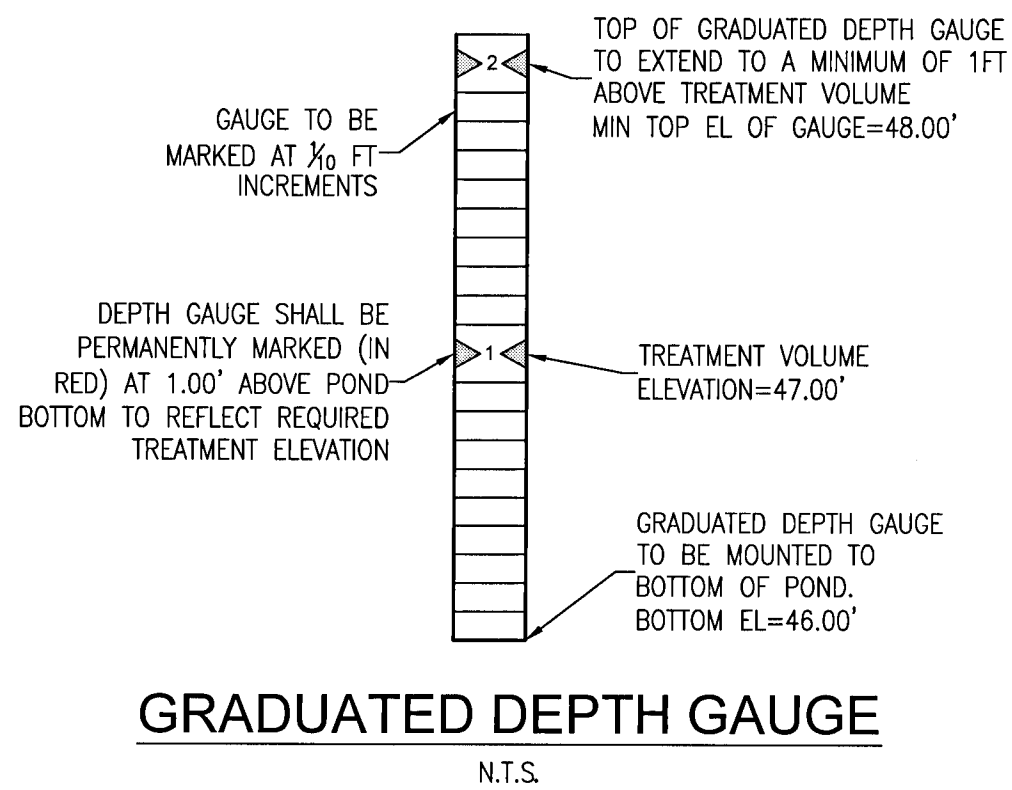
CROSS SECTION A-A
RETENTION POND W/ SAND CHIMNEY DETAIL
N.T.S.



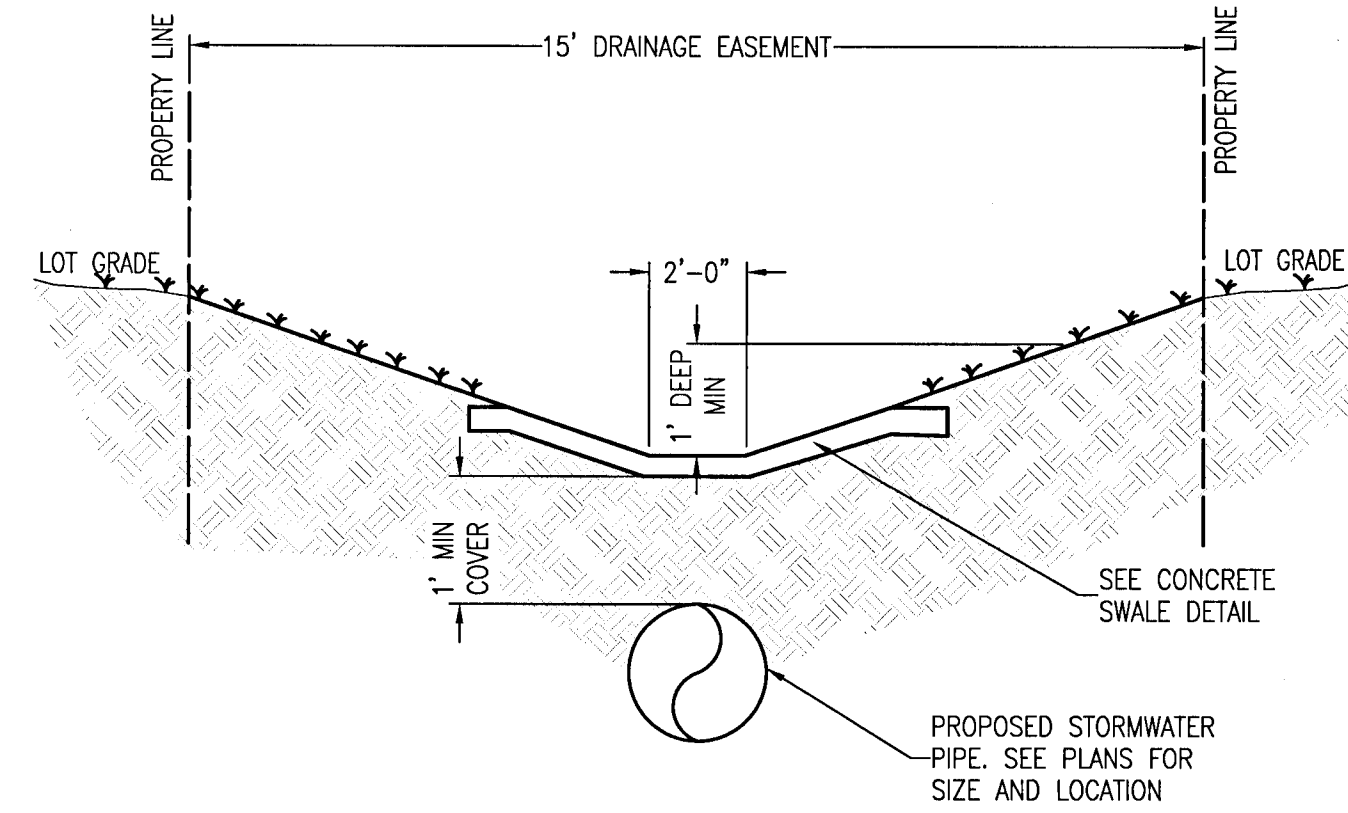
GRADUATED DEPTH GAUGE
N.T.S.



SILT FENCE DETAIL
N.T.S.

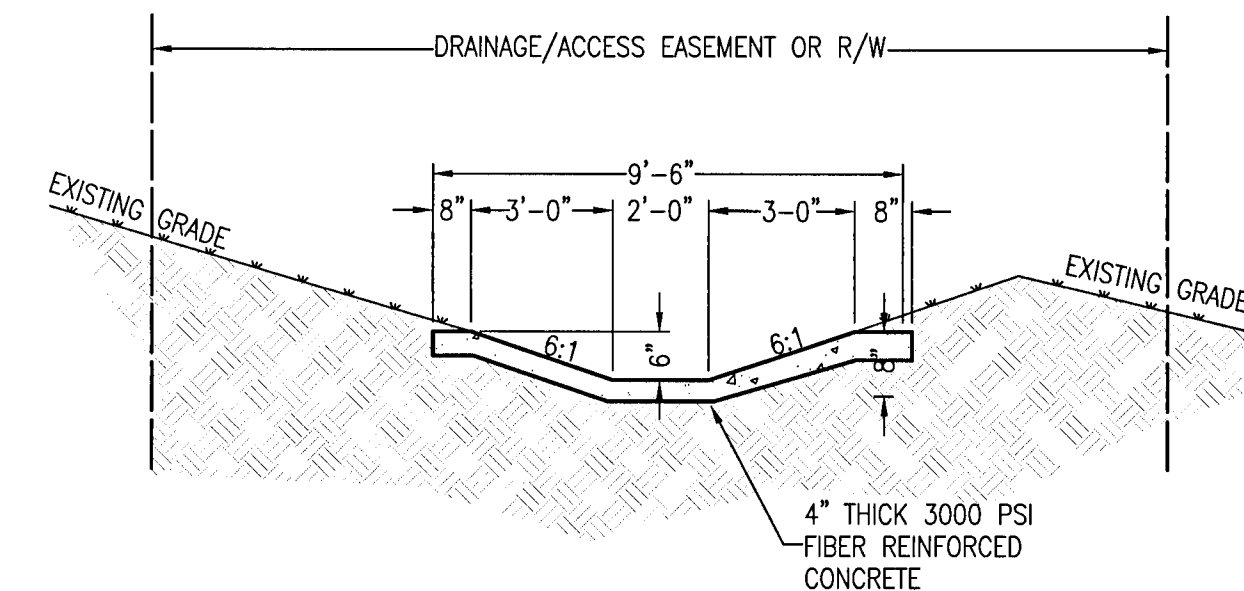


GRADUATED DEPTH GAUGE
N.T.S.

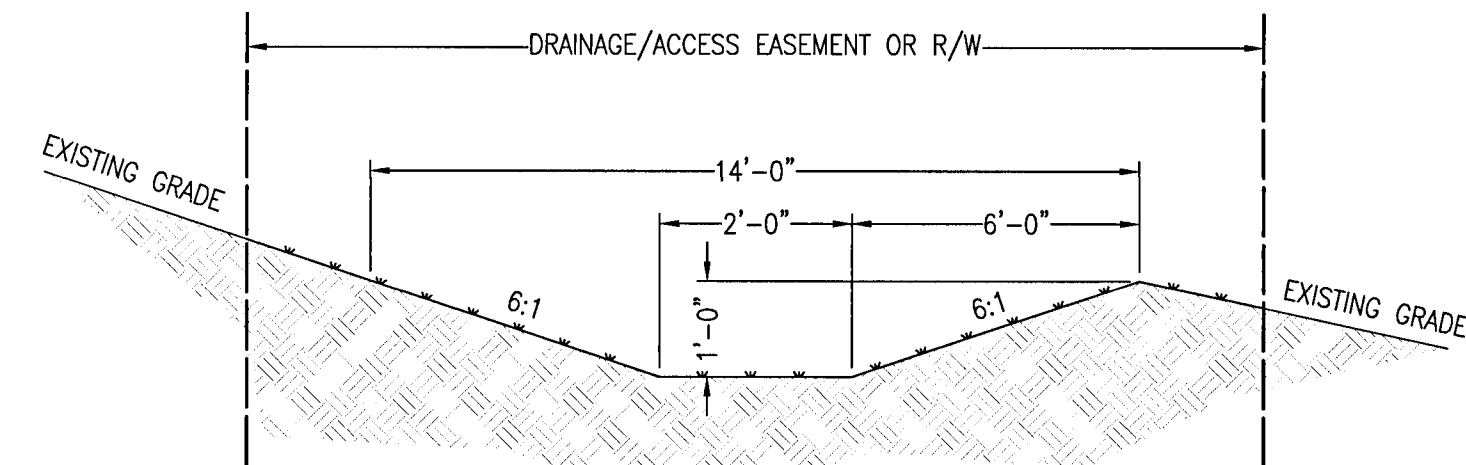


NOTE:
THE ENTIRE BANK SLOPE AND BOTTOM SHALL BE SODDED IN A MANNER TO GUARANTEE HEALTHY GRASS GROWTH (FREE FROM NOXIOUS WEEDS) SUCH AS ST. AUGUSTINE, CENTIPEDE OR OTHER SUITABLE GRASS.

TYPICAL 15'
DRAINAGE EASEMENT SWALE
N.T.S.

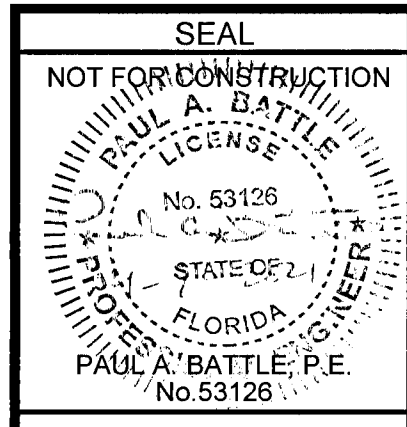


CONCRETE SWALE DETAIL
N.T.S.



DITCH DETAIL
N.T.S.

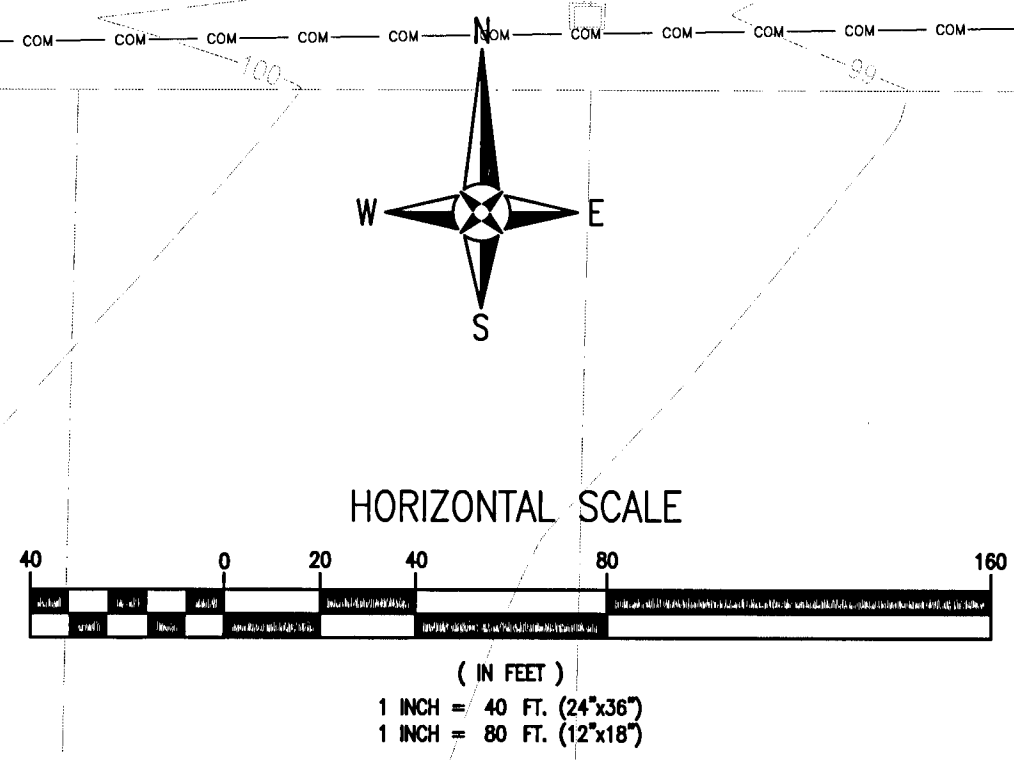
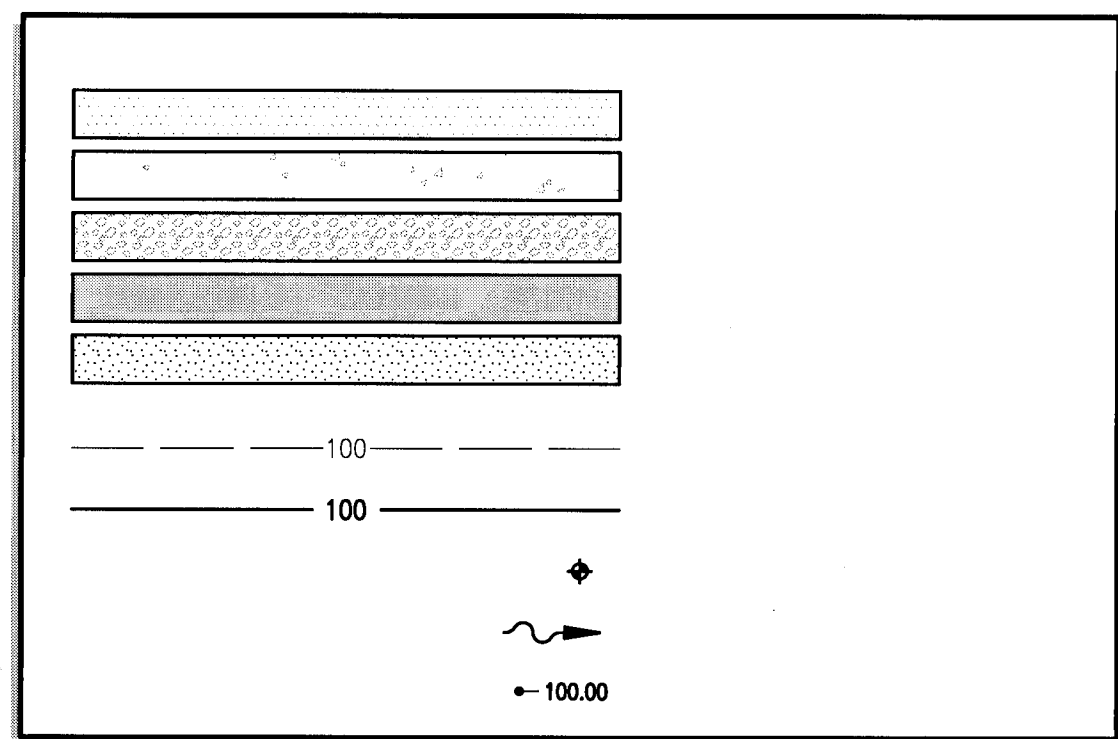
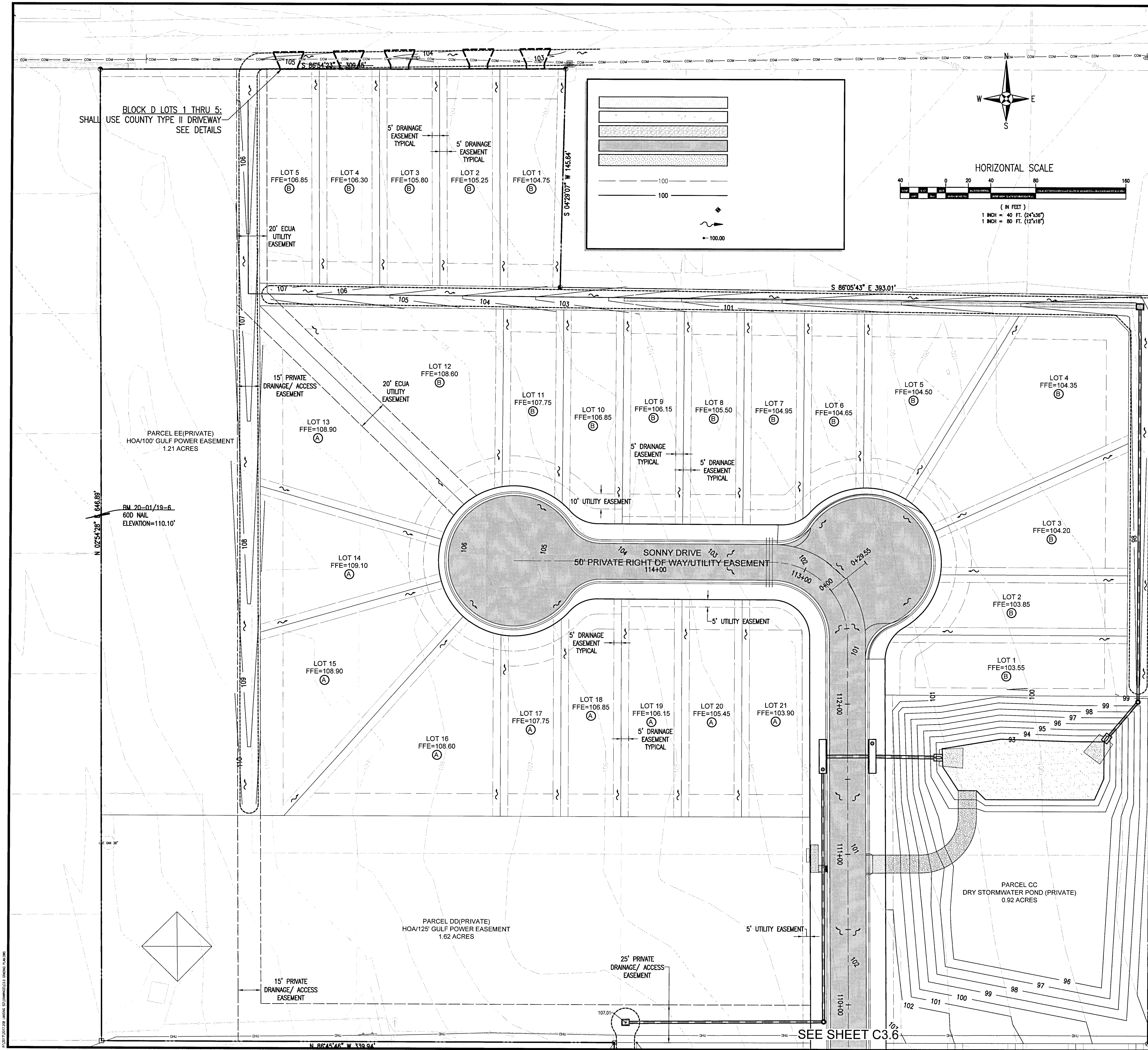
| REVISION | DATE | No. |
|----------|------|-----|
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

C3.4



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. SEEDING 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 RAINFALL OR AT LEAST WEEKLY. THE CONTRACTOR SHALL 12" 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 SEEDING/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 REQUESTING A FINAL INSPECTION.
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 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 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 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. RETAINING WALLS SHOWN ARE TO BE DESIGNED BY OTHERS. THE CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT'S PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET.
24. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
25. CONVEYANCE SWALES SHALL BE BUILT BY CONTRACTOR AND TREATMENT OR SIDE YARD SWALES SHALL BE BUILT BY HOME BUILDER.
26. SOME LOTS MAY REQUIRE RETAINING WALLS OR STEM WALLS INSTEAD OF SLAB ON GRADE.
27. 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 FROM BLINDING DUE TO SEDIMENTS.

REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 900
Tallahassee, Florida 32309
Telephone 850.438.4400 Fax 850.438.0448
EB 00009557

NEIGHBORHOOD LOT
GRADING PLAN

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

| REVISION | DATE | NO. |
|----------|------|-----|
| | | |
| | | |
| | | |
| | | |

SEAL
NOT FOR CONSTRUCTION
PAUL A. BATTLE
LICENSE
No. 53126
STATE OF
FLORIDA
PAUL A. BATTLE, P.E.
No. 53126

Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021
DRAWING No.

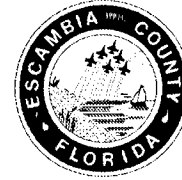
C3.5

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.

MINIMUM STANDARDS FOR TYPICAL RESIDENTIAL GRADING CONTROL PLAN

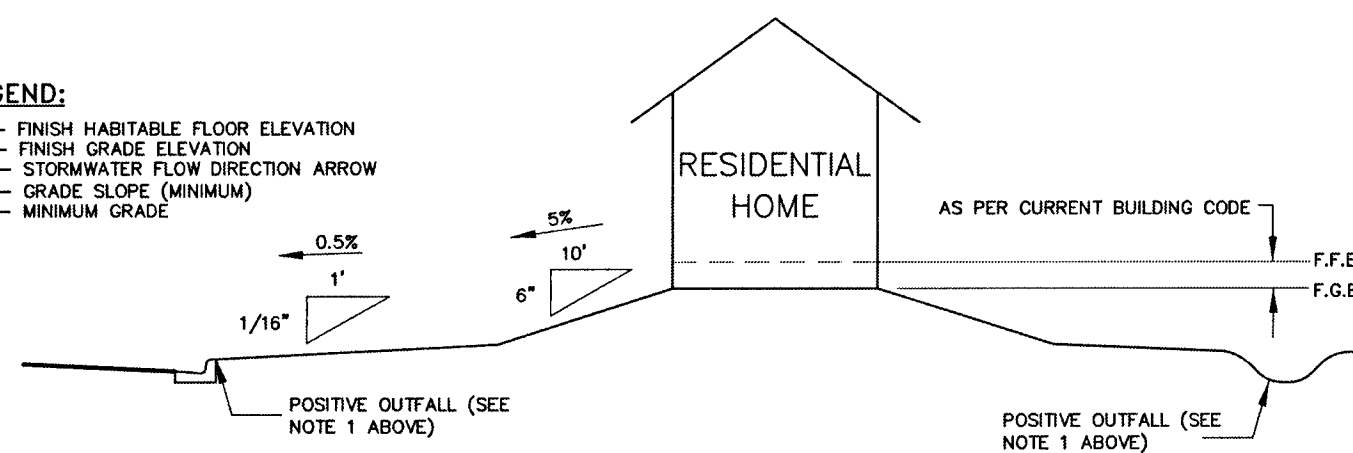
NOTES:

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 HOMEOWNER SHALL COMPLY WITH STATE PERMITTING REQUIREMENTS FOR LARGE AND SMALL CONSTRUCTION SITES, SPECIFICALLY THE WDES 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).

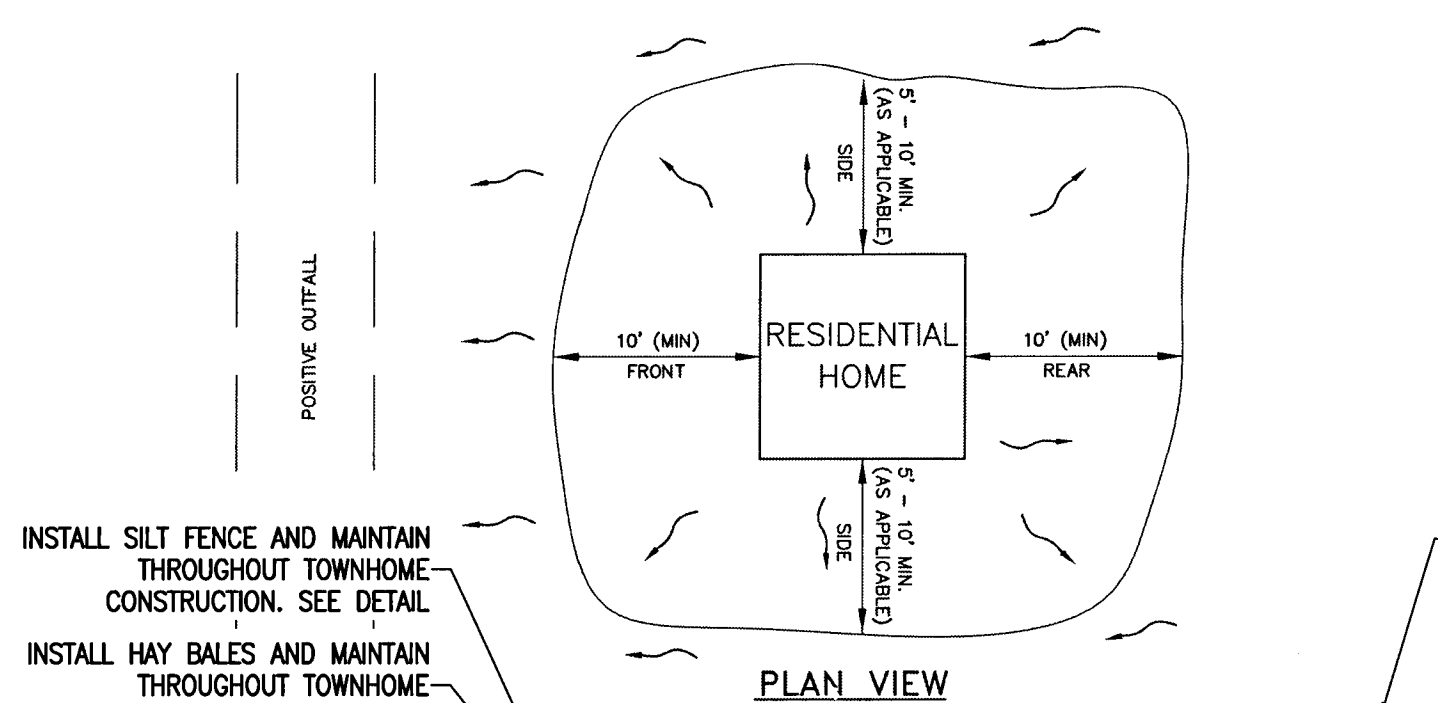


LEGEND:

- 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 AND MAINTAIN THROUGHOUT TOWNHOME CONSTRUCTION. SEE DETAIL.

INSTALL HAY BALES AND MAINTAIN THROUGHOUT TOWNHOME CONSTRUCTION. SEE DETAIL.

INSTALL SILT FENCE AND MAINTAIN THROUGHOUT TOWNHOME CONSTRUCTION. SEE DETAIL.

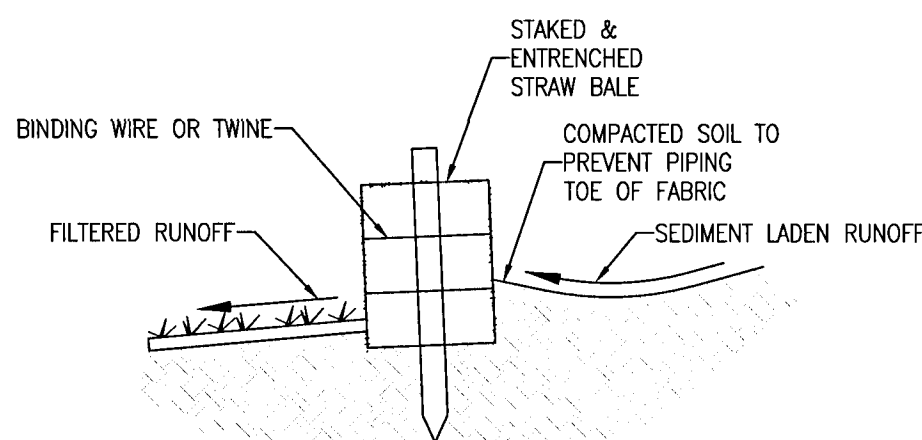
INSTALL HAY BALES AND MAINTAIN THROUGHOUT TOWNHOME CONSTRUCTION. SEE DETAIL.

LOT GRADING ~ TYPE "A"
ALL DRAINAGE TO STREET

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

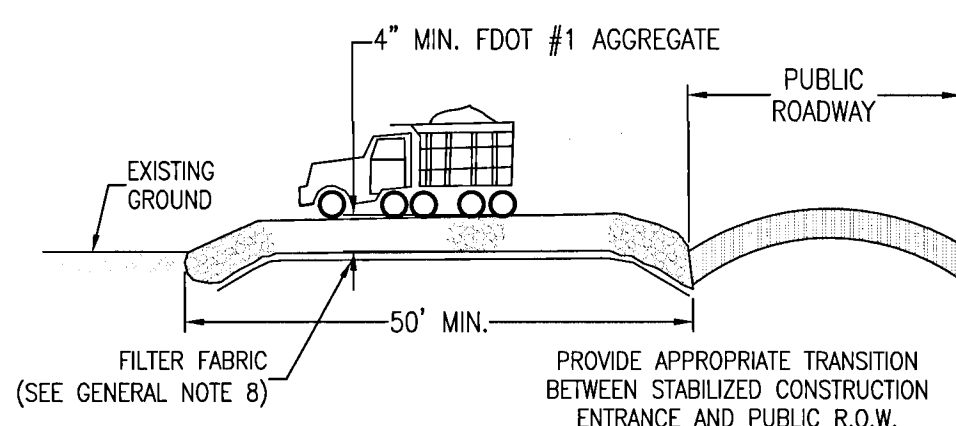
REVISED SEPT. 15, 2009

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



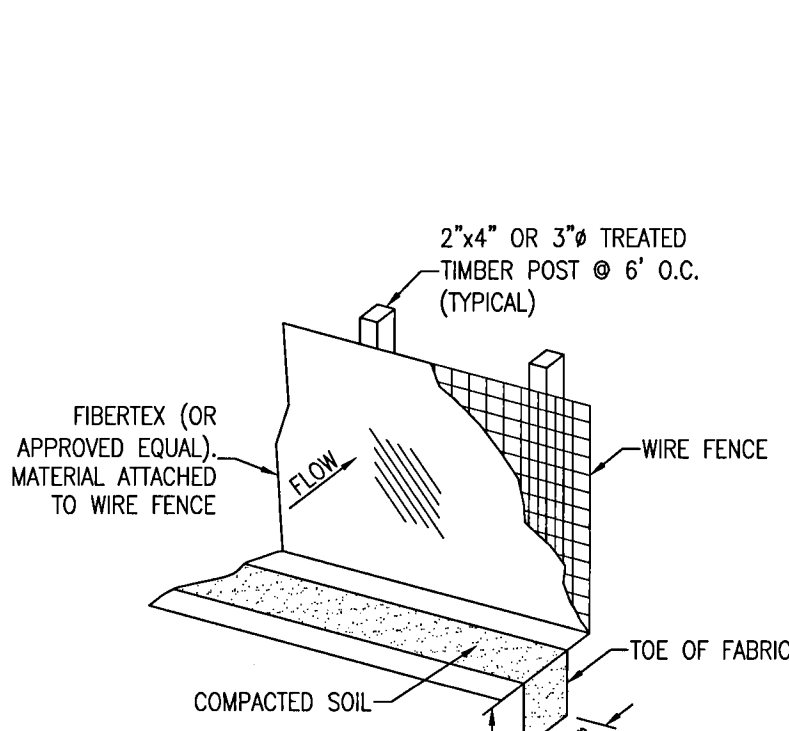
STRAW BALE DETAIL

N.T.S.



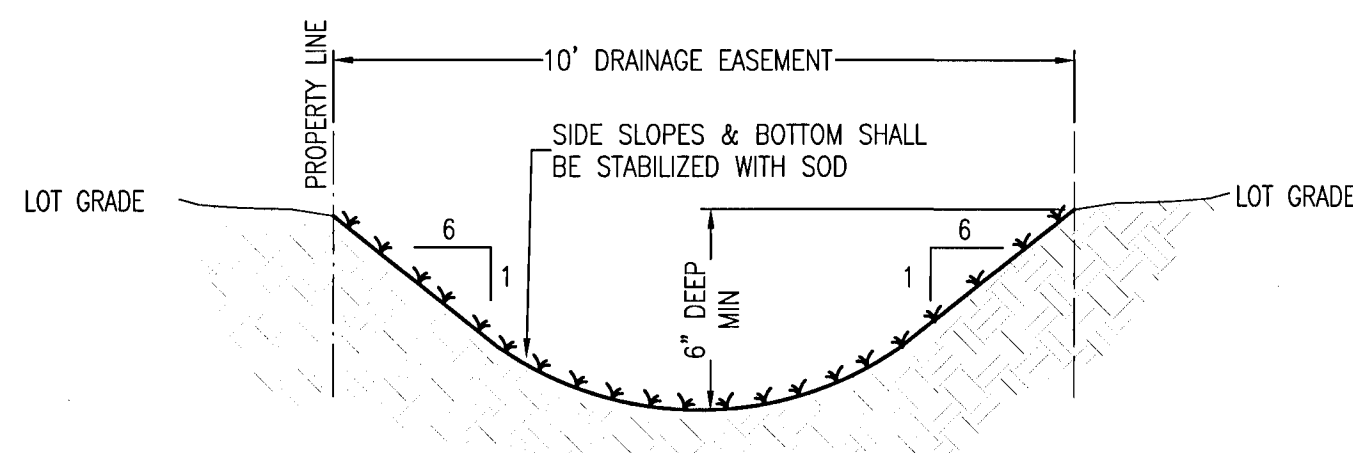
12' WIDE STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.



SILT FENCE DETAIL

N.T.S.



NOTES:

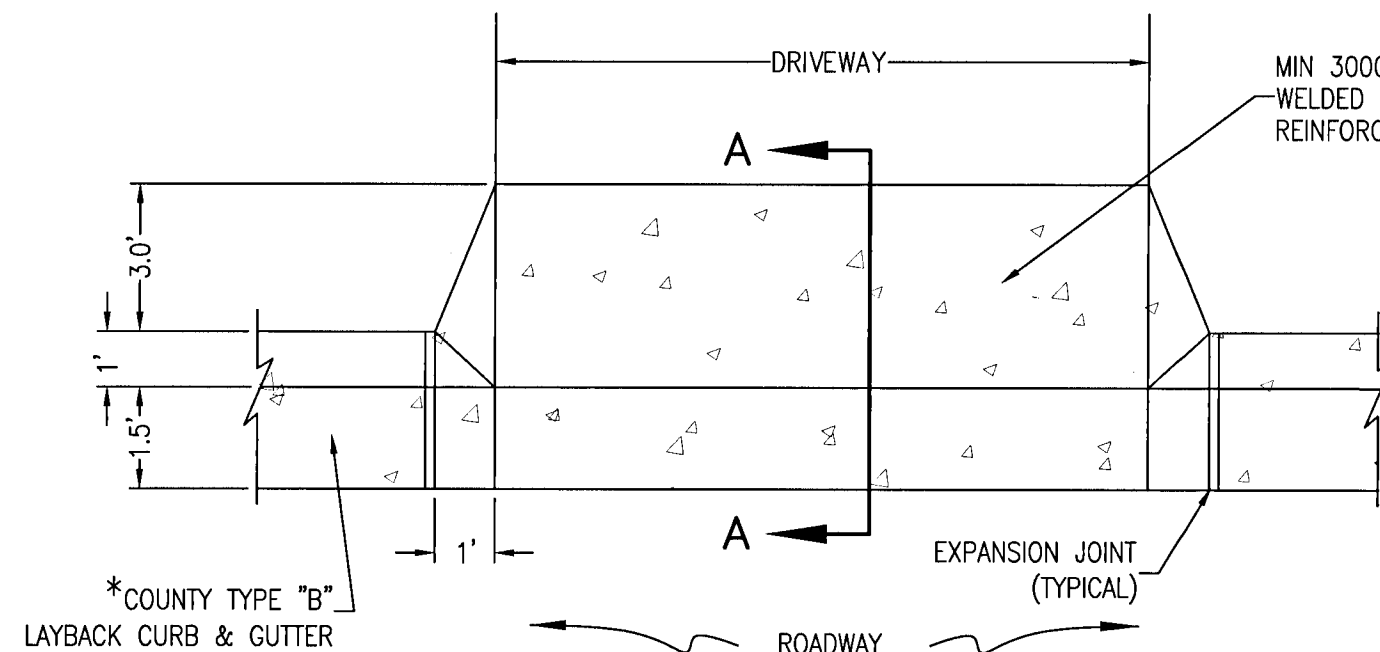
1. SIDE YARD SWALES SHALL BE BUILT BY THE HOMEOWNER.
2. HOME EQUIPMENT (I.E. AC UNITS) SHALL NOT HINDER THE PROPER INSTALLATION AND/OR FUNCTION OF THE SIDE YARD SWALES.
3. ALL NEW ROOF RUNOFF, DOWNSPOUTS, AND GUTTERS, SHALL BE ROUTED TO CARRY ALL STORMWATER TO THE ROADS OR SWALES THAT LEAD TO THE RETENTION POND.

TYPICAL PRIVATE 10' DRAINAGE EASEMENT SWALE

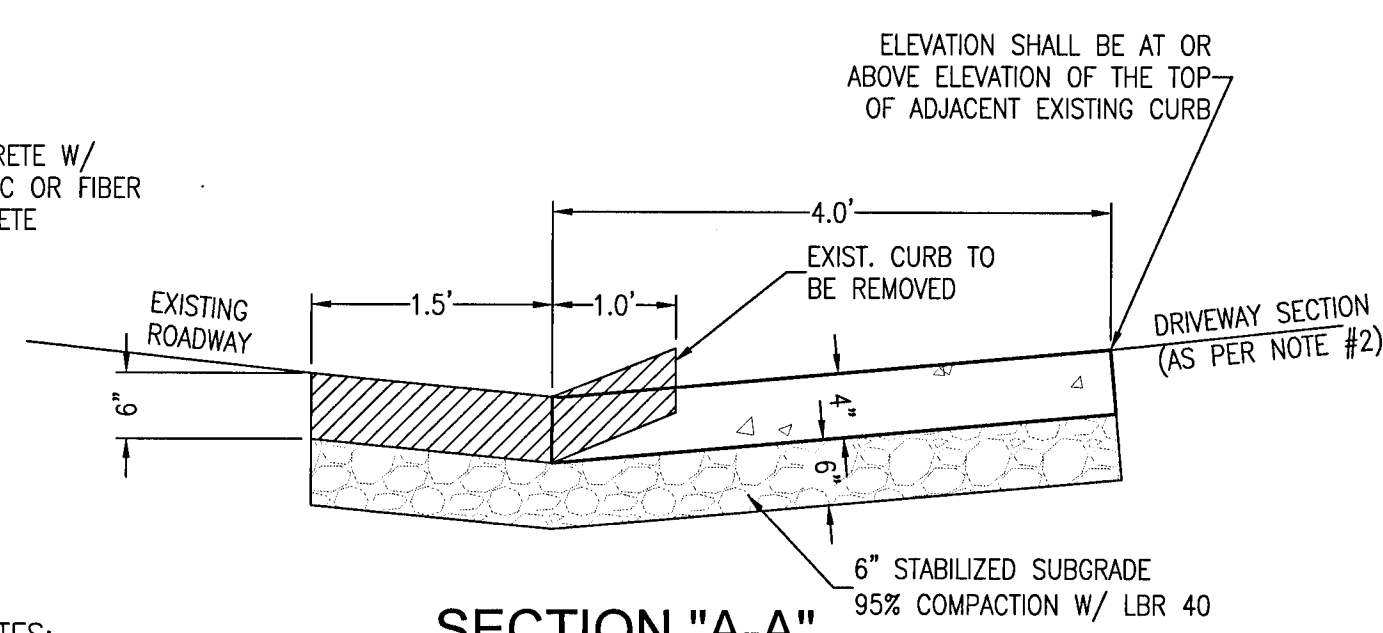
N.T.S.

TYPE I

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



PLAN VIEW



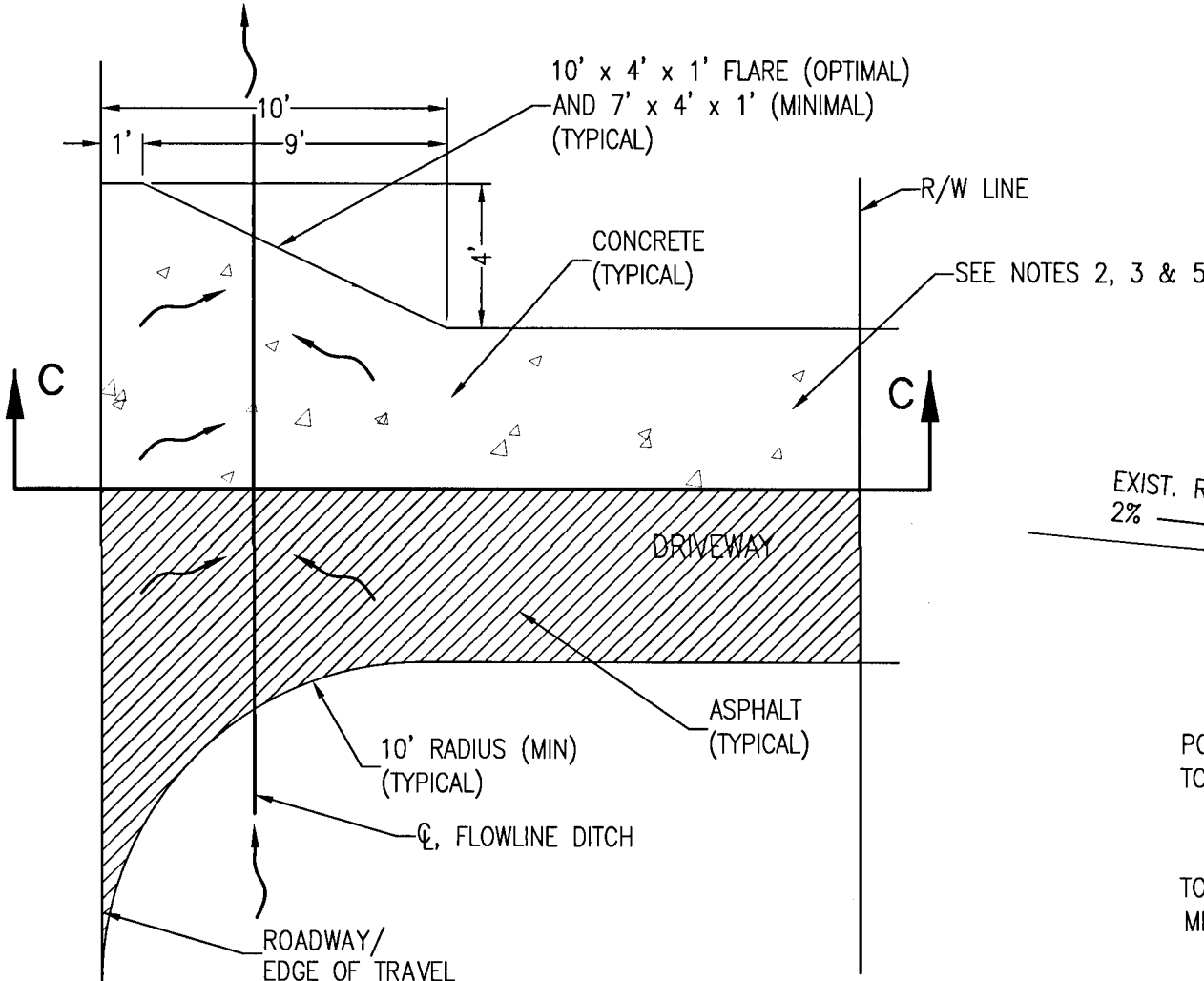
SECTION "A-A"

NOTES:

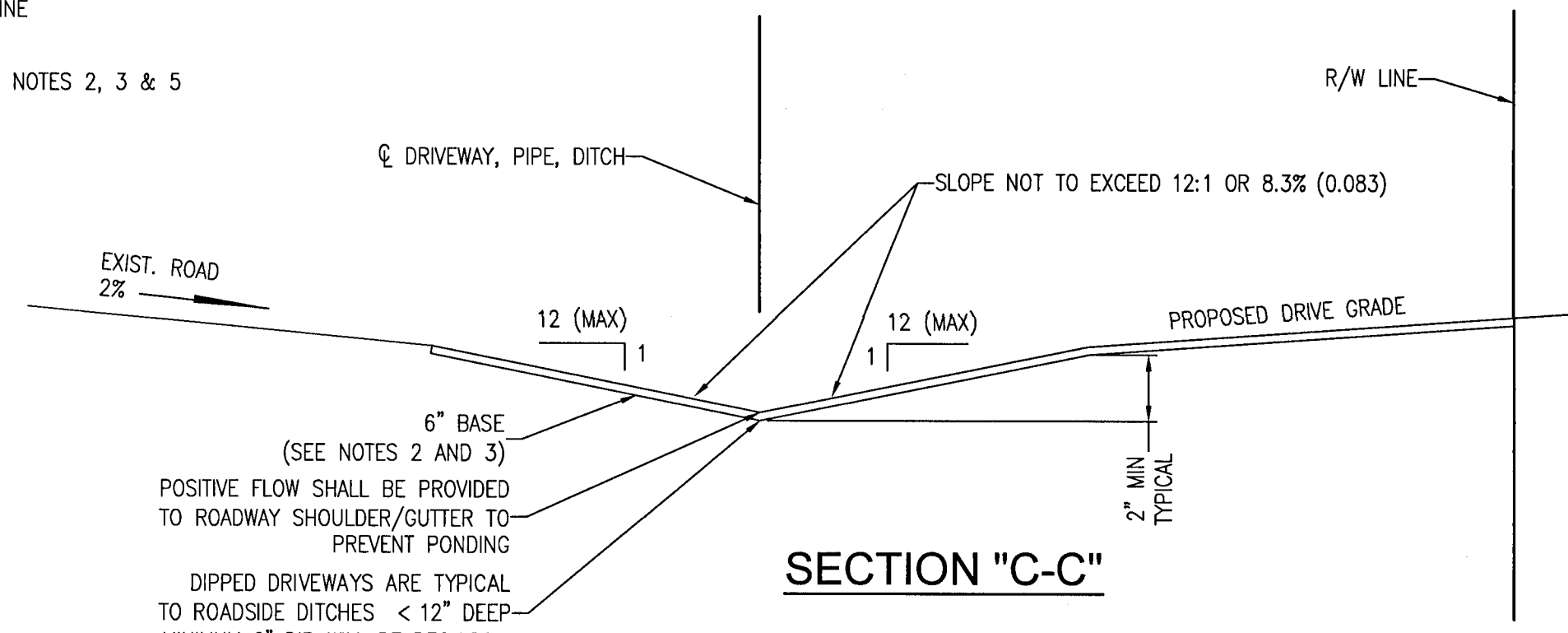
- 1.) SEE STANDARD COUNTY CURB DETAILS FOR REFERENCE.
- 2.) SEE F.D.O.T. INDEX NO. 515 FOR OTHER CONNECTIONS.
- * FOR OTHER TYPE CURBS, DIMENSIONS MAY BE ADJUSTED TO FIT.

TYPE II

DIPPED DRIVEWAY WITHOUT CROSS PIPE (CULVERT)



PLAN VIEW



SECTION "C-C"

NOTES:

- 1) ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
- 2) RESIDENTIAL DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1 - 1/2" ASPHALT WITH 6" STABILIZED SUB GRADE OR 4" TO 6" CONCRETE WITH 6" STABILIZED SUB GRADE - 98% 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.
- 8) DRIVEWAY SLOPE SHALL NOT CREATE OR EXACERBATE VEHICULAR SCRAPING. ATTEMPTS SHALL BE MADE TO CORRECT THIS TYPE OF PROBLEM.

TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS

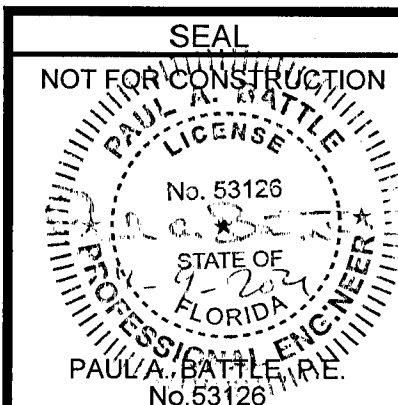
NOT TO SCALE

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
EID 00006571

NEIGHBORHOOD LOT
GRADING PLAN

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

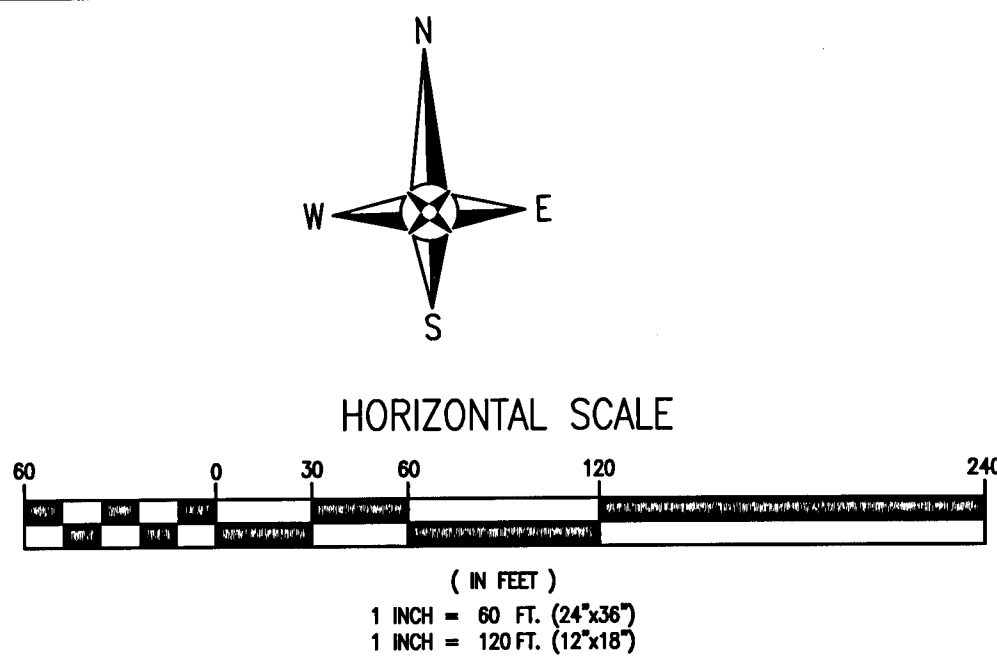
| REVISION | DATE | BY | APP'D |
|----------|------|----|-------|
| No. | | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

C3.7

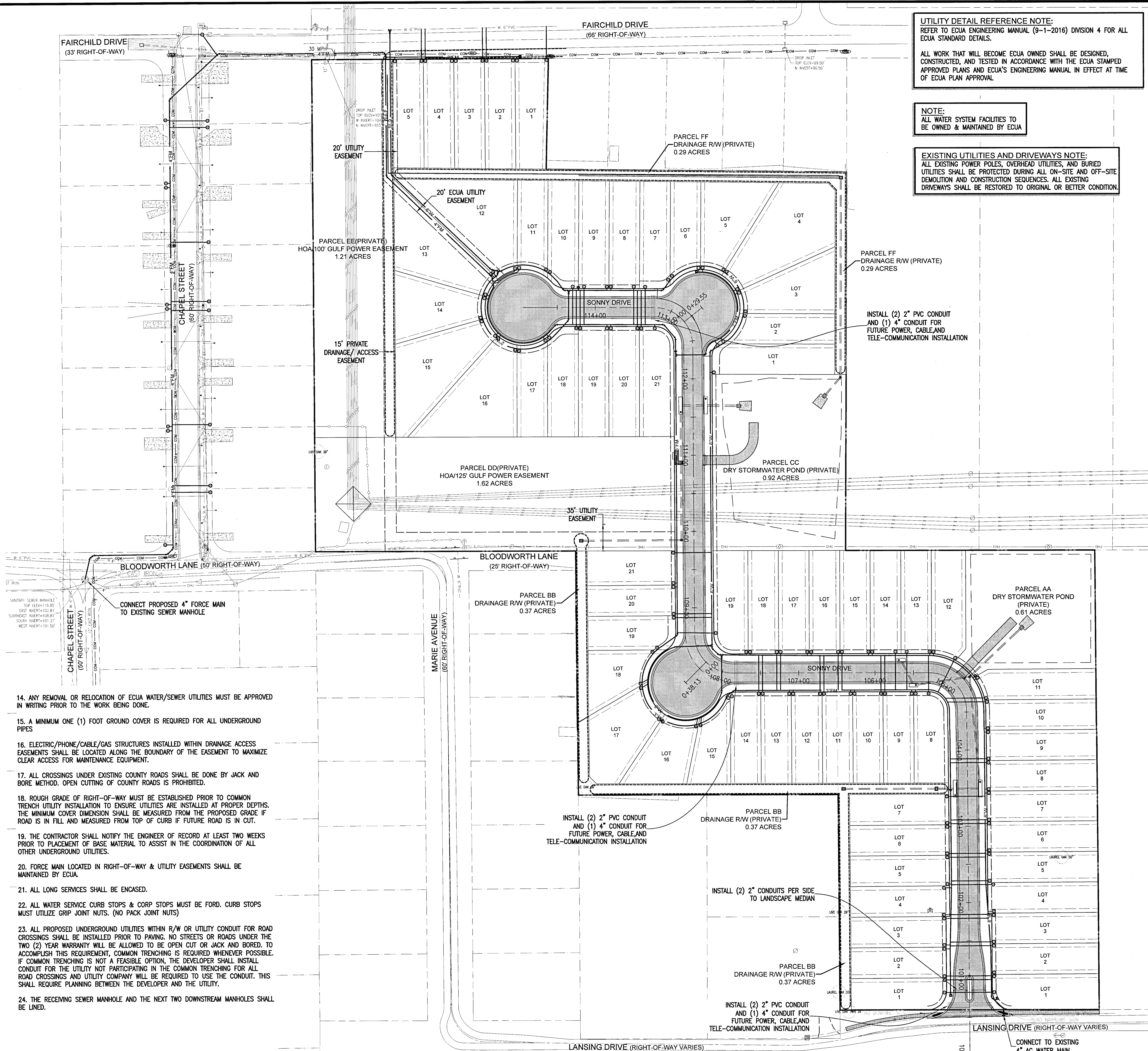


| LEGEND | |
|--------|------------------------------------|
| | EXISTING ASPHALT |
| | EXISTING CONCRETE |
| | JURISDICTIONAL WETLAND |
| | 25' WETLAND BUFFER |
| | PROPOSED ADDITIONAL WETLAND BUFFER |
| | PROPOSED ASPHALT |
| | PROPOSED CONCRETE |
| | WATER LINE |
| | SEWER LINE (GRAVITY) |
| | SEWER FORCE MAIN |
| | OVERHEAD UTILITIES |
| | BURIED TELEPHONE LINE |
| | GAS LINE |
| | BURIED FIBER OPTIC CABLE |
| | JURISDICTIONAL WETLAND LINE |
| | BENCHMARK |
| | SOIL BORING |
| | UTILITY POLE |
| | GUY ANCHOR |
| | LIGHT POLE |
| | TELEPHONE JUNCTION BOX |
| | FIBER OPTIC CABLE MARKER |
| | WATER VALVE |
| | FIRE HYDRANT |

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. 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.
24. THE RECEIVING SEWER MANHOLE AND THE NEXT TWO DOWNSTREAM MANHOLES SHALL BE LINED.



UTILITY DETAIL REFERENCE NOTE:
REFER TO ECUA ENGINEERING MANUAL (9-1-2016) DIVISION 4 FOR ALL ECUA STANDARD DETAILS.

ALL WORK THAT WILL BECOME ECUA OWNED SHALL BE DESIGNED, CONSTRUCTED, AND TESTED IN ACCORDANCE WITH THE ECUA STAMPED APPROVED PLANS AND ECUA'S ENGINEERING MANUAL IN EFFECT AT TIME OF ECUA PLAN APPROVAL.

NOTE:
ALL WATER SYSTEM FACILITIES TO BE OWNED & MAINTAINED BY ECUA

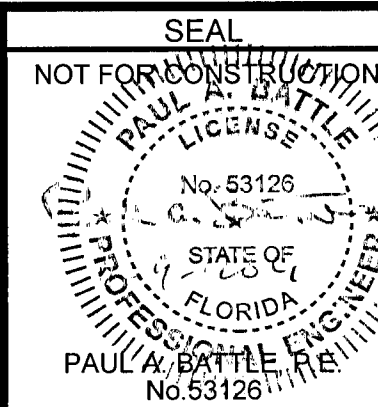
EXISTING UTILITIES AND DRIVEWAYS NOTE:
ALL EXISTING POWER POLES, OVERHEAD UTILITIES, AND BURIED UTILITIES SHALL BE PROTECTED DURING ALL ON-SITE AND OFF-SITE DEMOLITION AND CONSTRUCTION SEQUENCES. ALL EXISTING DRIVEWAYS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

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
E3 00000607

OVERALL UTILITY PLAN

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

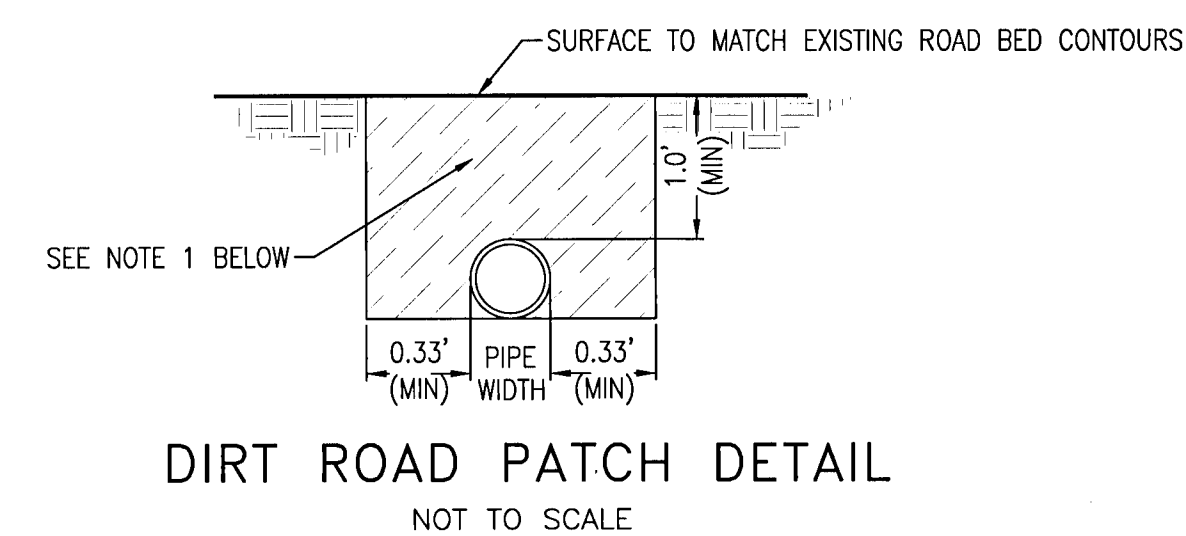
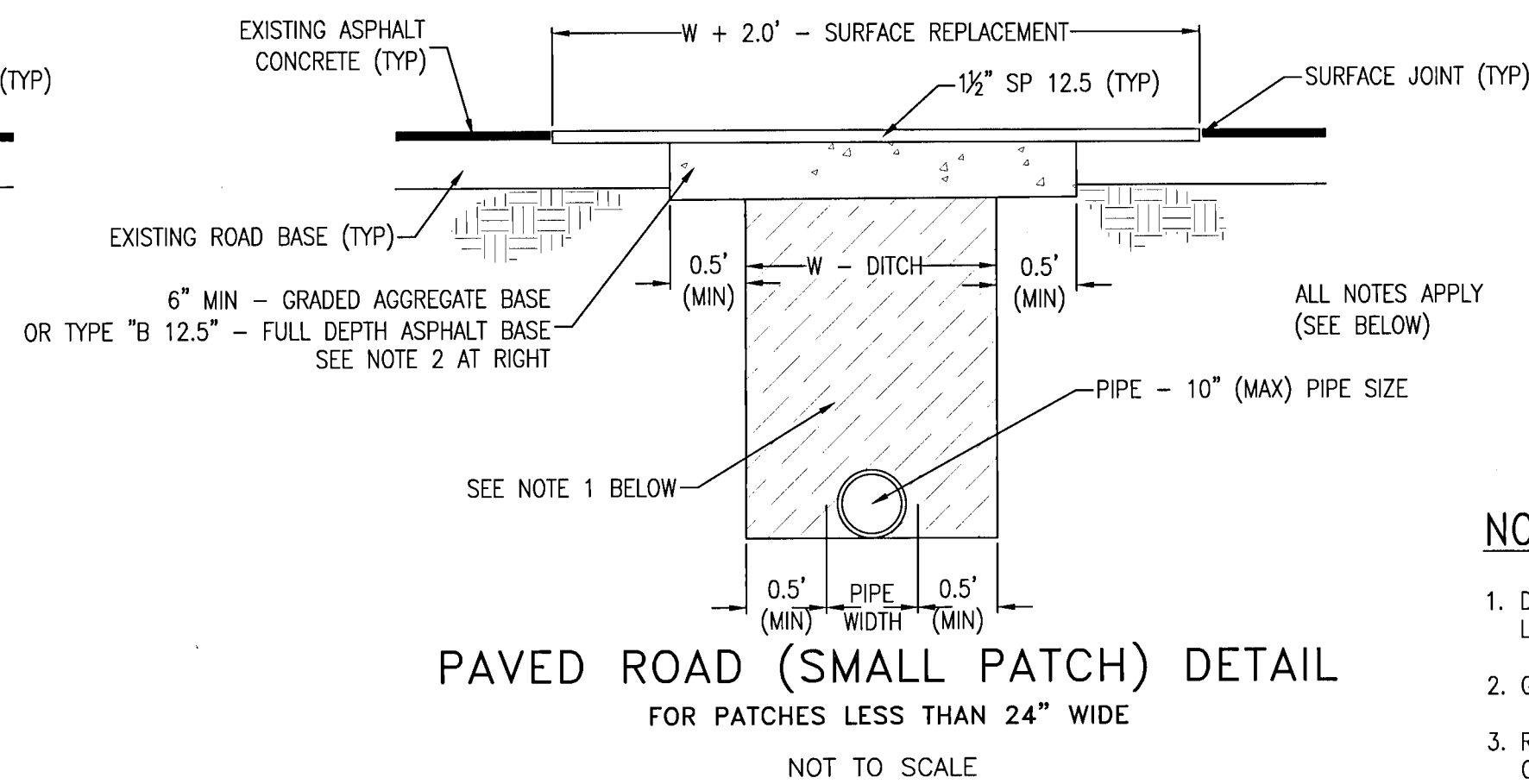
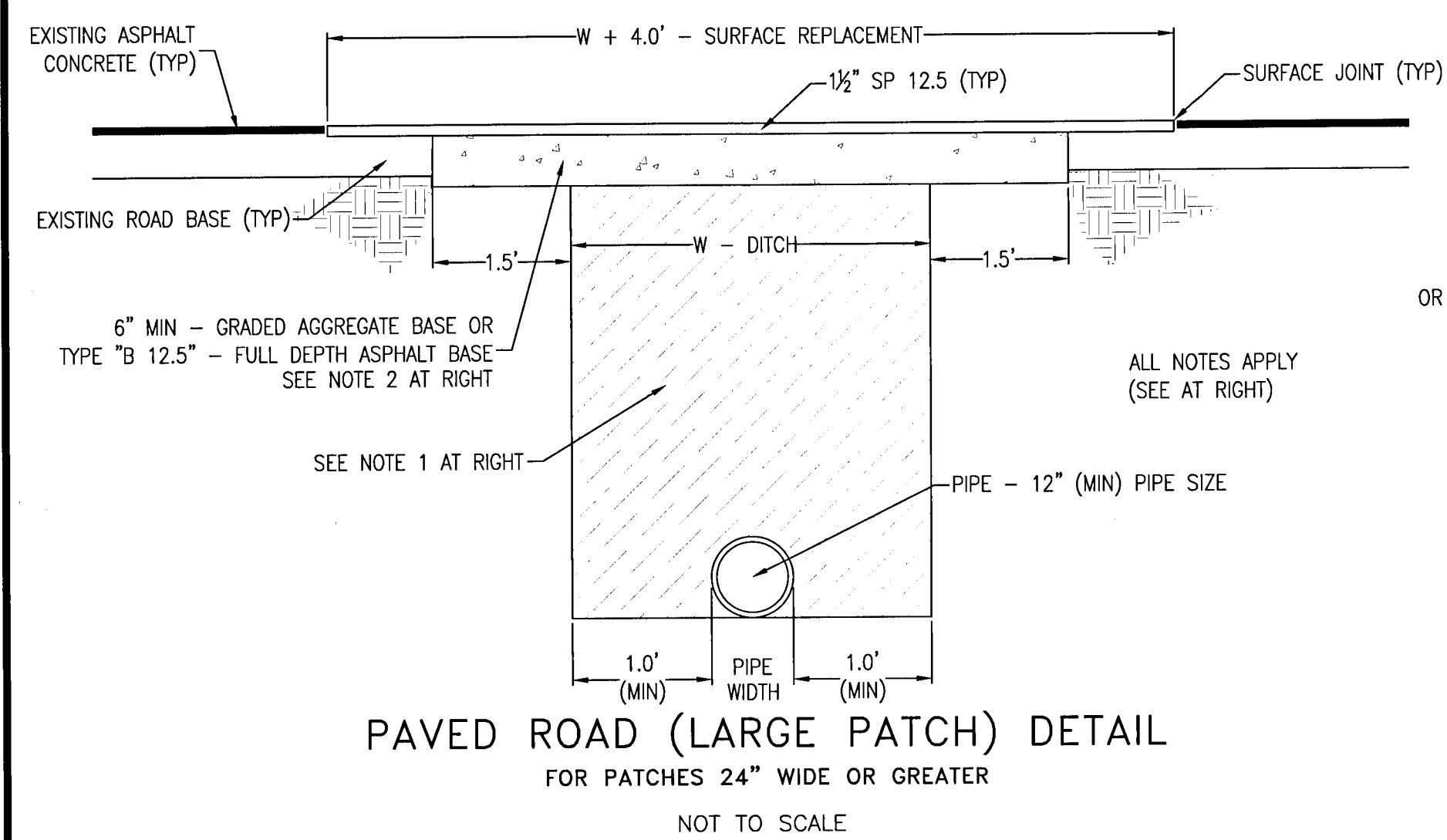
| REVISION | DATE | NO. |
|----------|------|-----|
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

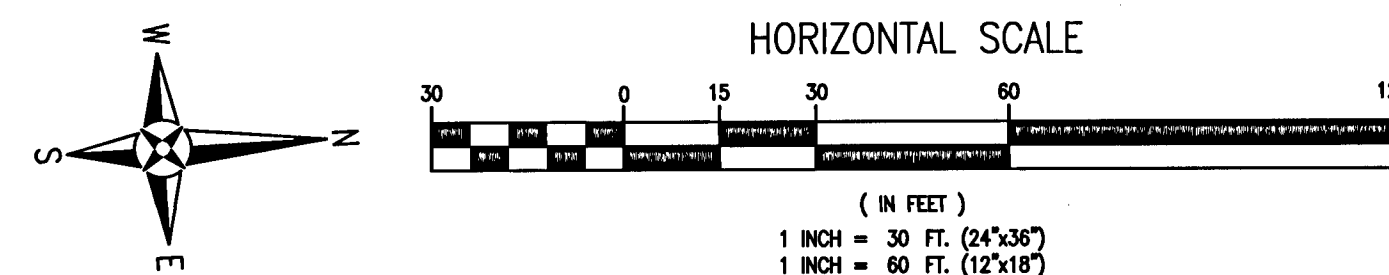
C4.0



NOTES:

1. DIRT ROAD PATCH WORK SUB BASE MATERIAL SHALL BE PLACED IN NOT MORE THAN 8" LIFTS. EACH LAYER TO BE TAMPED TO A MINIMUM OF 40 LBR.
2. GRADED AGGREGATE BASE SHALL BE COMPACTED TO A MIN LBR 100.
3. ROAD CUTS SHALL BE MECHANICALLY SAW CUT TO FORM A SURFACE PAVEMENT JOINT AND TACK COATED ALONG THE FACE OF CUT JOINTS PRIOR TO ASPHALT PLACEMENT.
4. LONGITUDINAL ROAD CUTS THAT AFFECT ONE TRAVEL LANE SHALL REQUIRE MILLING AND REPAVING OF THE AFFECTED TRAVEL LANE 10.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL. LONGITUDINAL ROAD CUTS THAT AFFECT BOTH TRAVEL LANES SHALL REQUIRE MILLING AND REPAVING OF THE ENTIRE ROADWAY 10.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL.

ESCAMBIA COUNTY PATCH DETAILS



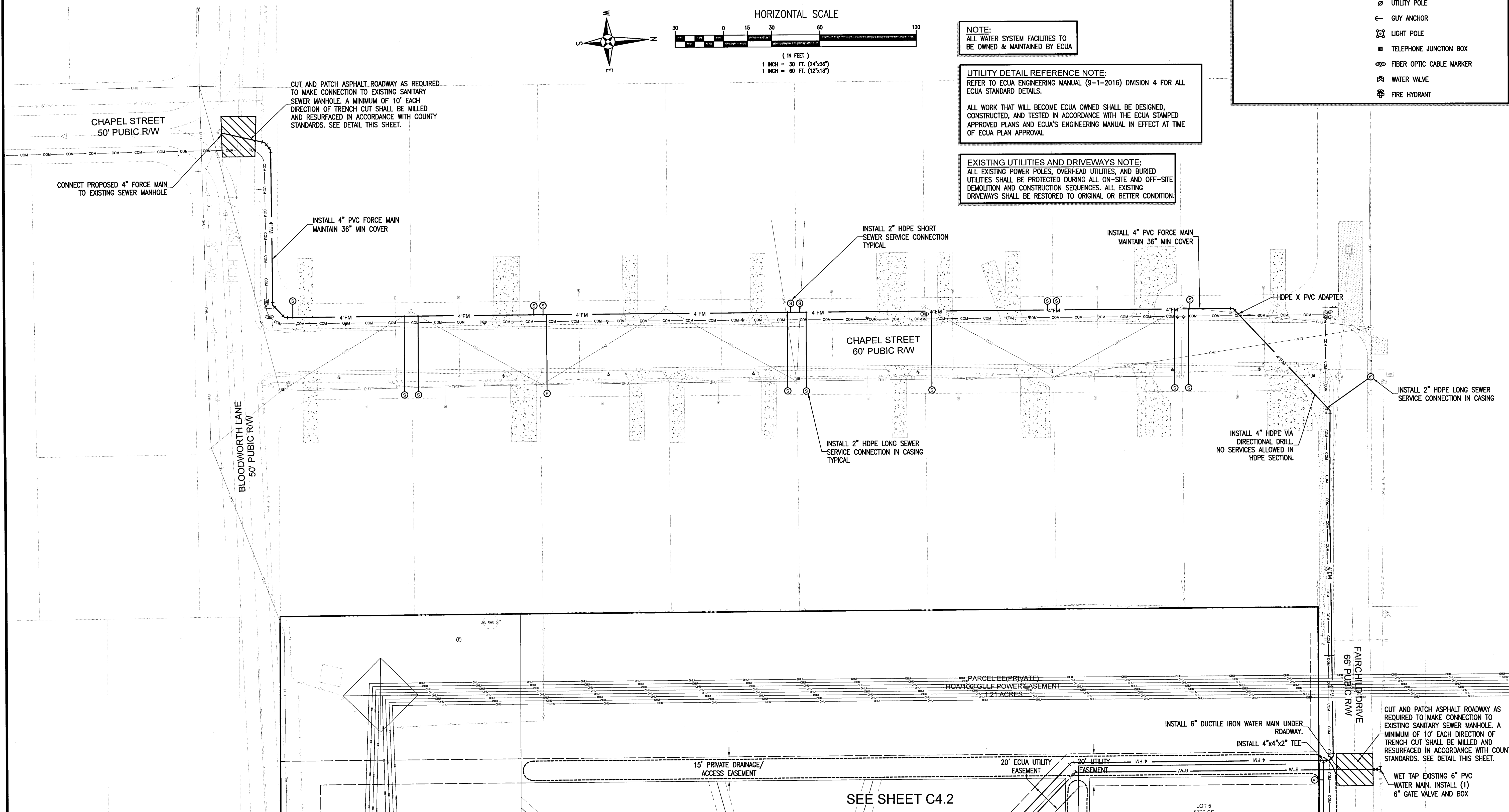
NOTE:
ALL WATER SYSTEM FACILITIES TO BE OWNED & MAINTAINED BY ECUA

UTILITY DETAIL REFERENCE NOTE:
REFER TO ECUA ENGINEERING MANUAL (9-1-2016) DIVISION 4 FOR ALL ECUA STANDARD DETAILS.

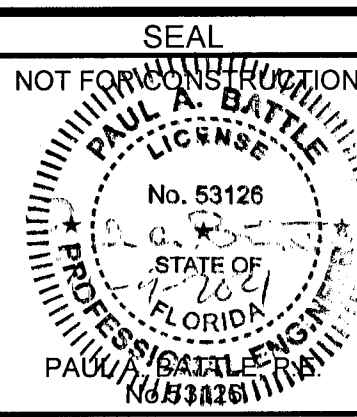
ALL WORK THAT WILL BECOME ECUA OWNED SHALL BE DESIGNED, CONSTRUCTED, AND TESTED IN ACCORDANCE WITH THE ECUA STAMPED APPROVED PLANS AND ECUA'S ENGINEERING MANUAL IN EFFECT AT TIME OF ECUA PLAN APPROVAL

EXISTING UTILITIES AND DRIVEWAYS NOTE:
ALL EXISTING POWER POLES, OVERHEAD UTILITIES, AND BURIED UTILITIES SHALL BE PROTECTED DURING ALL ON-SITE AND OFF-SITE DEMOLITION AND CONSTRUCTION SEQUENCES. ALL EXISTING DRIVEWAYS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

| LEGEND | |
|--------|------------------------------------|
| | EXISTING ASPHALT |
| | EXISTING CONCRETE |
| | JURISDICTIONAL WETLAND |
| | 25' WETLAND BUFFER |
| | PROPOSED ADDITIONAL WETLAND BUFFER |
| | PROPOSED ASPHALT |
| | PROPOSED CONCRETE |
| | WATER LINE |
| | SEWER LINE (GRAVITY) |
| | SEWER FORCE MAIN |
| | OVERHEAD UTILITIES |
| | BURIED TELEPHONE LINE |
| | GAS LINE |
| | BURIED FIBER OPTIC CABLE |
| | JURISDICTIONAL WETLAND LINE |
| | BENCHMARK |
| | SOIL BORING |
| | UTILITY POLE |
| | GUY ANCHOR |
| | LIGHT POLE |
| | TELEPHONE JUNCTION BOX |
| | FIBER OPTIC CABLE MARKER |
| | WATER VALVE |
| | FIRE HYDRANT |

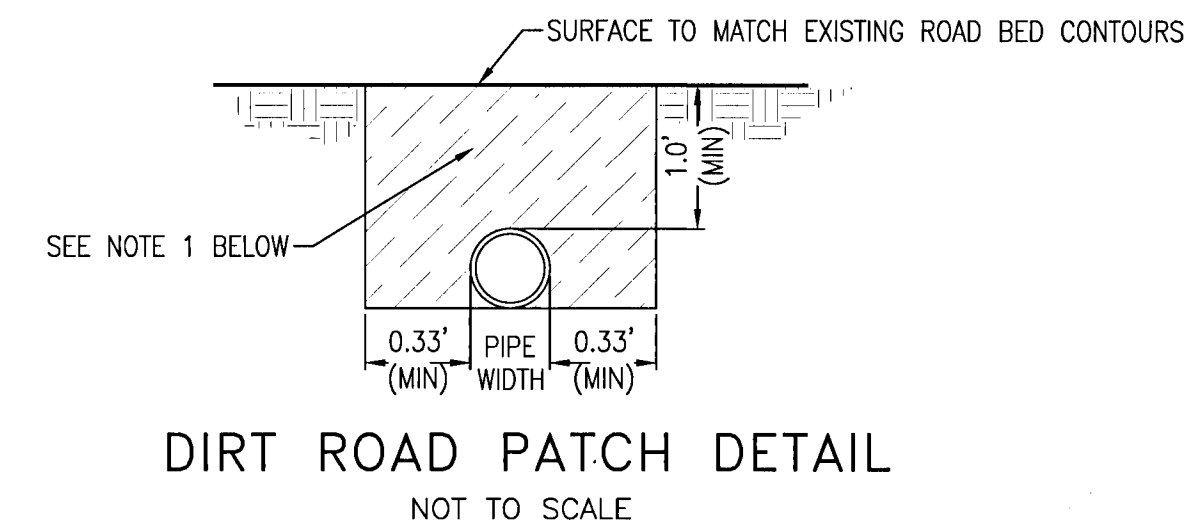
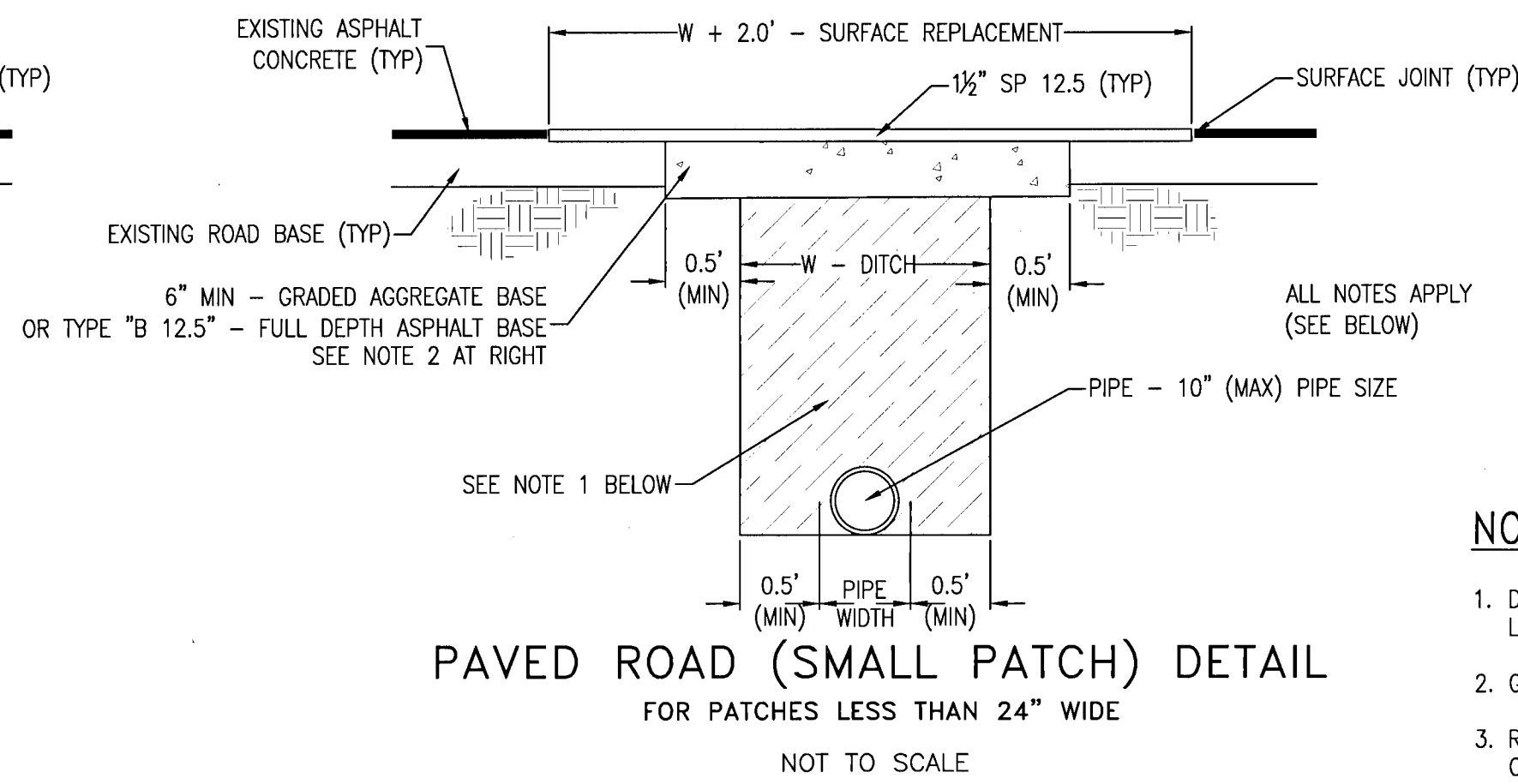
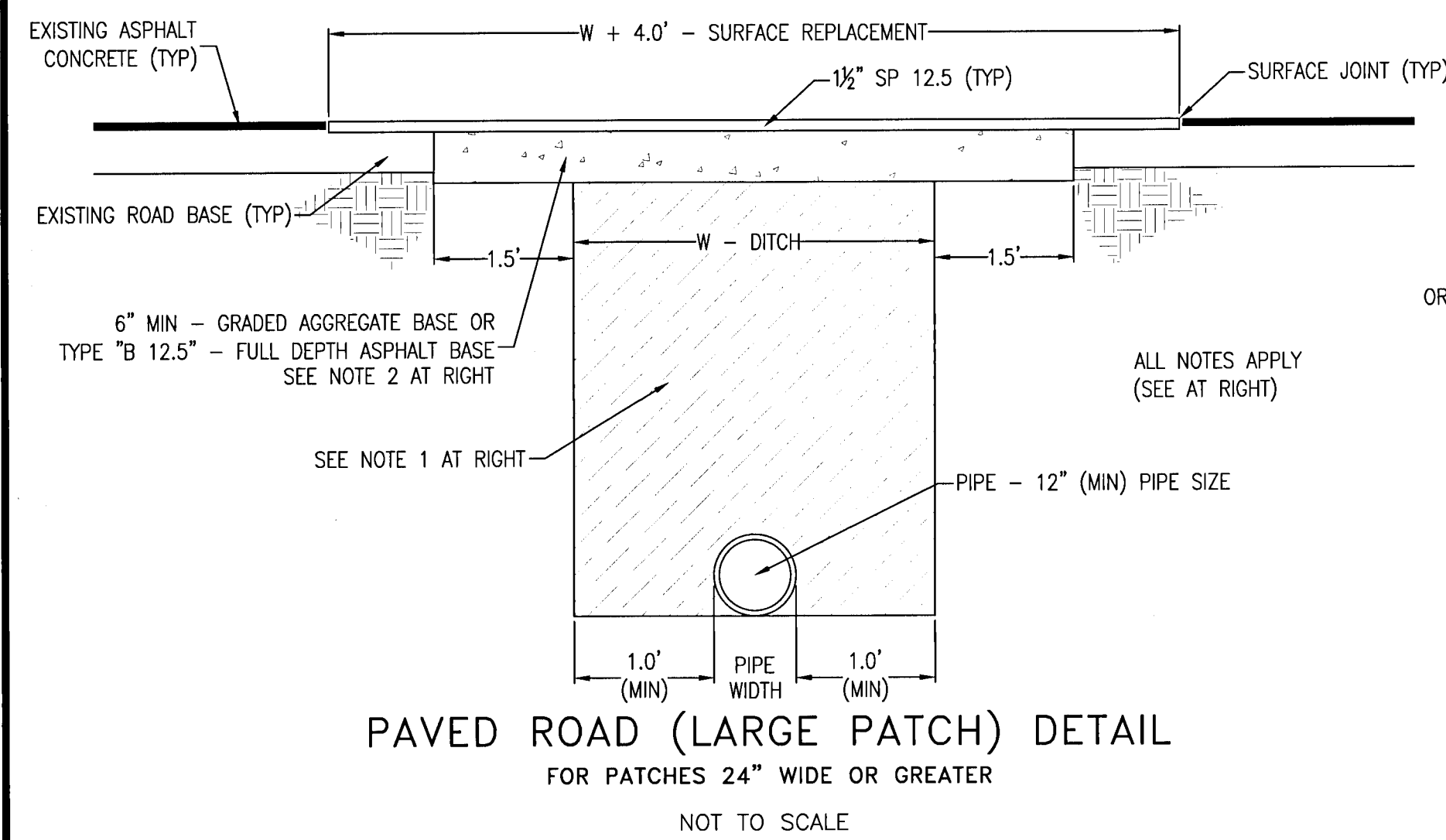


| REVISION | DATE | No. |
|----------|------|-----|
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.
C4.1

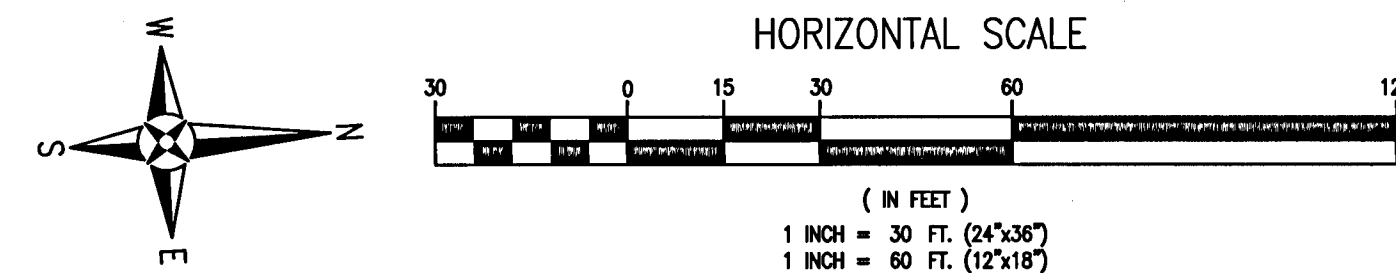


NOTES:

1. DIRT ROAD PATCH WORK SUB BASE MATERIAL SHALL BE PLACED IN NOT MORE THAN 8" LIFTS. EACH LAYER TO BE TAMPED TO A MINIMUM OF 40 LBR.
2. GRADED AGGREGATE BASE SHALL BE COMPACTED TO A MIN LBR 100.
3. ROAD CUTS SHALL BE MECHANICALLY SAW CUT TO FORM A SURFACE PAVEMENT JOINT AND TACK COATED ALONG THE FACE OF CUT JOINTS PRIOR TO ASPHALT PLACEMENT.
4. LONGITUDINAL ROAD CUTS THAT AFFECT ONE TRAVEL LANE SHALL REQUIRE MILLING AND REPAVING OF THE AFFECTED TRAVEL LANE 10.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL. LONGITUDINAL ROAD CUTS THAT AFFECT BOTH TRAVEL LANES SHALL REQUIRE MILLING AND REPAVING OF THE ENTIRE ROADWAY 10.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL.

| LEGEND | |
|--------|------------------------------------|
| | EXISTING ASPHALT |
| | EXISTING CONCRETE |
| | JURISDICTIONAL WETLAND |
| | 25' WETLAND BUFFER |
| | PROPOSED ADDITIONAL WETLAND BUFFER |
| | PROPOSED ASPHALT |
| | PROPOSED CONCRETE |
| | WATER LINE |
| | SEWER LINE (GRAVITY) |
| | SEWER FORCE MAIN |
| | OVERHEAD UTILITIES |
| | BURIED TELEPHONE LINE |
| | GAS LINE |
| | BURIED FIBER OPTIC CABLE |
| | JURISDICTIONAL WETLAND LINE |
| | BENCHMARK |
| | SOIL BORING |
| | UTILITY POLE |
| | GUY ANCHOR |
| | LIGHT POLE |
| | TELEPHONE JUNCTION BOX |
| | FIBER OPTIC CABLE MARKER |
| | WATER VALVE |
| | FIRE HYDRANT |

ESCAMBIA COUNTY PATCH DETAILS

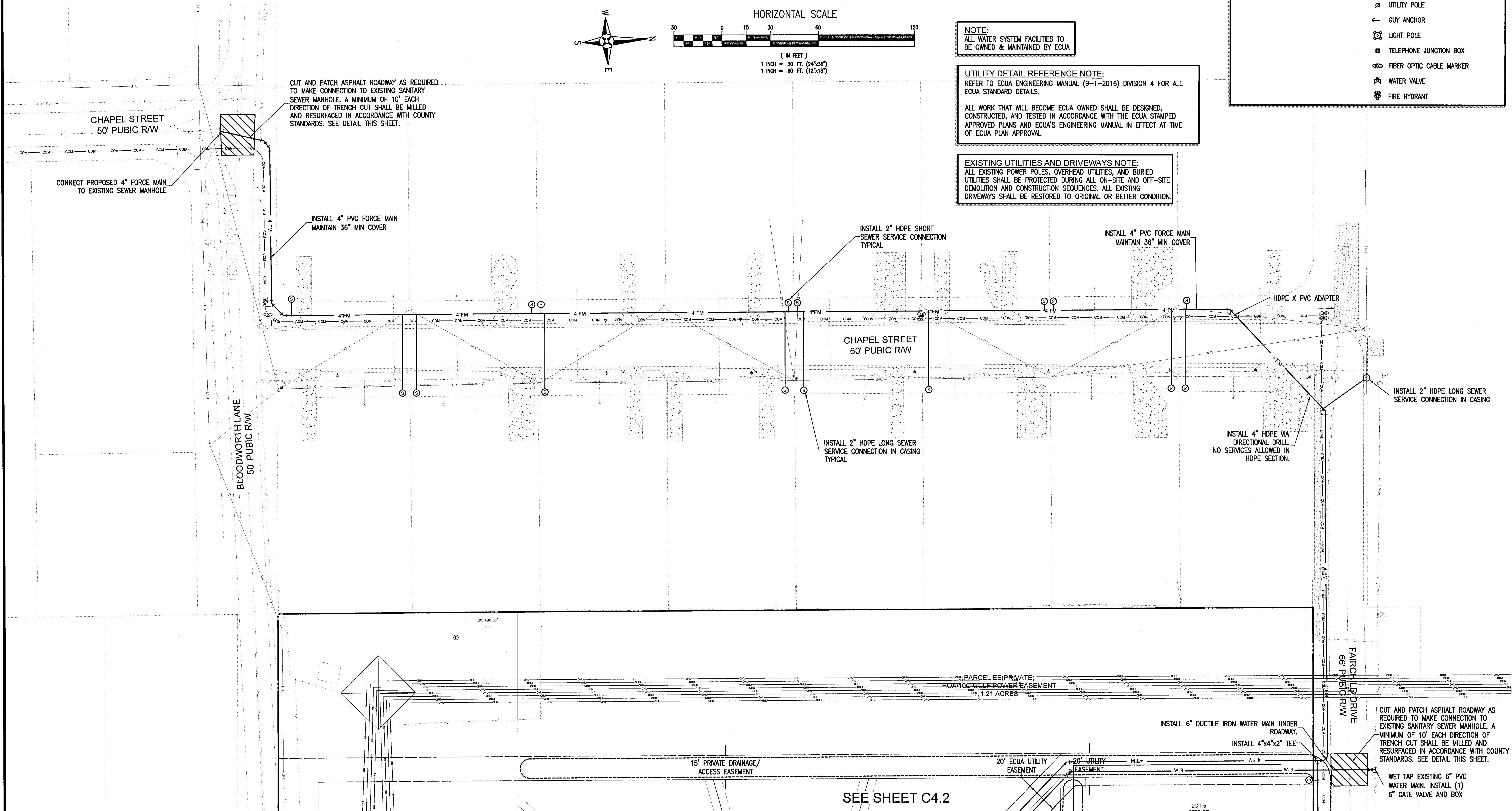


NOTE:
ALL WATER SYSTEM FACILITIES TO BE OWNED & MAINTAINED BY ECUA

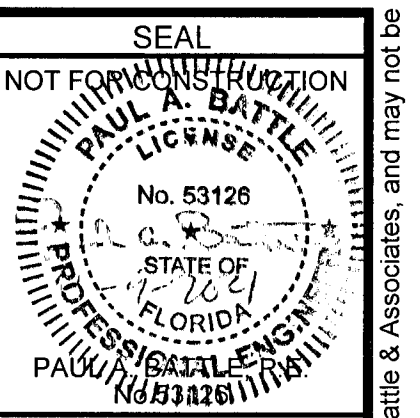
UTILITY DETAIL REFERENCE NOTE:
REFER TO ECUA ENGINEERING MANUAL (9-1-2016) DIVISION 4 FOR ALL ECUA STANDARD DETAILS.

ALL WORK THAT WILL BECOME ECUA OWNED SHALL BE DESIGNED, CONSTRUCTED, AND TESTED IN ACCORDANCE WITH THE ECUA STAMPED APPROVED PLANS AND ECUA'S ENGINEERING MANUAL IN EFFECT AT TIME OF ECUA PLAN APPROVAL

EXISTING UTILITIES AND DRIVEWAYS NOTE:
ALL EXISTING POWER POLES, OVERHEAD UTILITIES, AND BURIED UTILITIES SHALL BE PROTECTED DURING ALL ON-SITE AND OFF-SITE DEMOLITION AND CONSTRUCTION SEQUENCES. ALL EXISTING DRIVEWAYS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

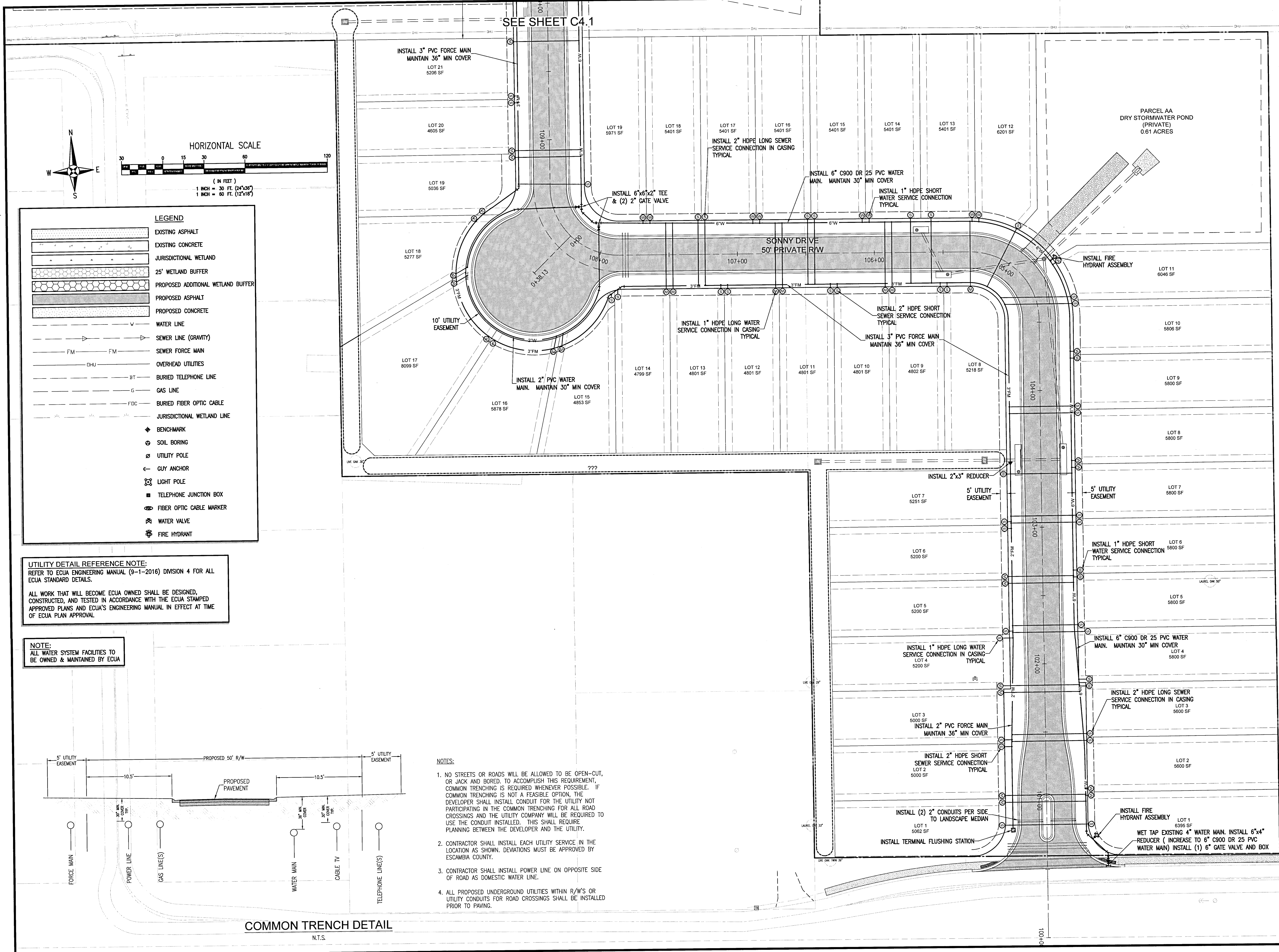


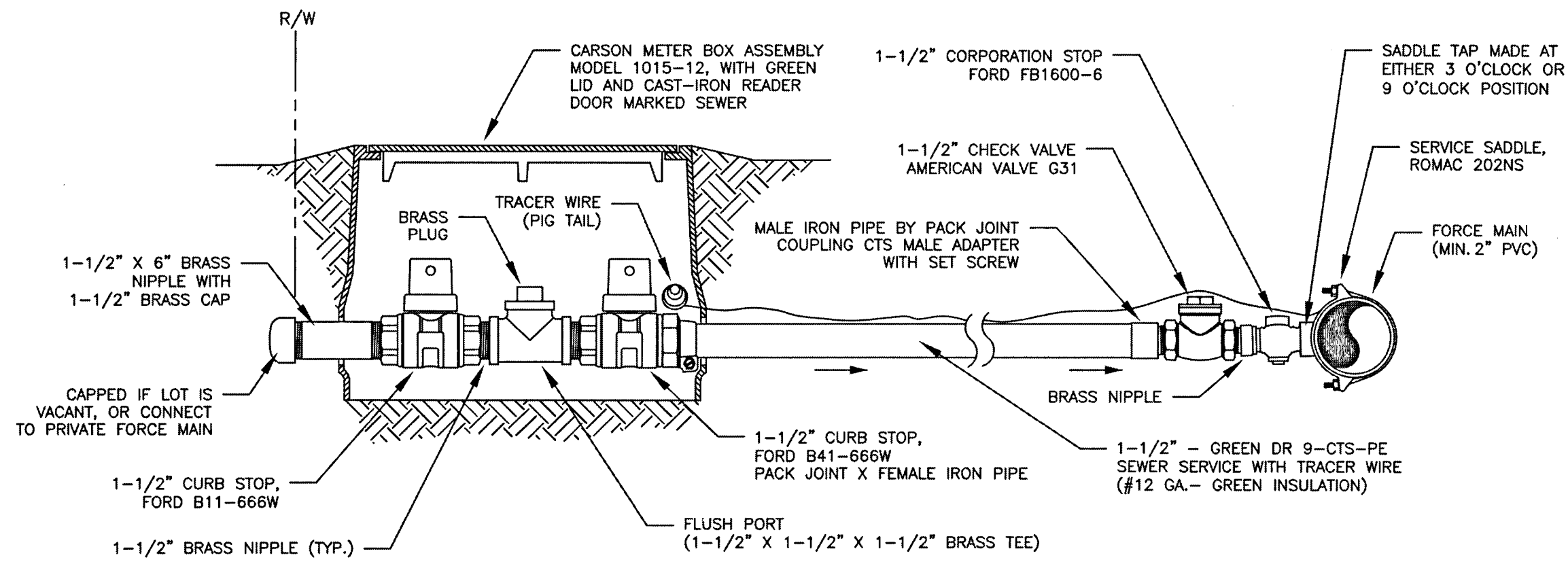
| REVISION | DATE | No. |
|----------|------|-----|
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021
DRAWING No.

C4.1





NOTES:

1. THIS DETAIL APPLIES TO ALL 1-1/2" LOW PRESSURE SEWER SERVICES, RESIDENTIAL AND COMMERCIAL.
2. EACH CUSTOMER SHALL HAVE A SEPARATE SERVICE. SERVICES SHALL BE LOCATED ON OPPOSITE LOT LINE FROM WATER METERS PER APPROVED PLANS. CONSULT WITH ECUA INSPECTOR IF UNCLEAR.
3. GRINDER STATION SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER.
4. EACH GRINDER PUMP SHALL BE CAPABLE OF DELIVERING 12 GPM AT A MINIMUM HEAD CONDITION OF 115' (50 PSI) OR MORE, UNLESS OTHERWISE APPROVED BY ECUA ENGINEERING. PUMP SHALL BE SIZED AND SPECIFIED BY THE ENGINEER OF RECORD WITH SELECTION SHOWN ON ECUA APPROVED PLANS, AND PLUMBERS/SUPPLIERS SHALL SUPPLY PUMP THAT MEETS OR EXCEEDS SAID SELECTION BASED ON SITE CONDITIONS. A CHECK VALVE AND BALL VALVE SHALL BE SUPPLIED AT THE GRINDER STATION.
5. IF SERVICE IS INSTALLED UNDER ROAD, THEN A 3" HDPE SDR 17 GREEN, OR 3" HDPE SDR 17 GREEN-STRIPED CASING SHALL BE INSTALLED.



SCALE: N.T.S.
DATE: 6/10/2020

1-1/2" LOW PRESSURE SEWER SERVICE

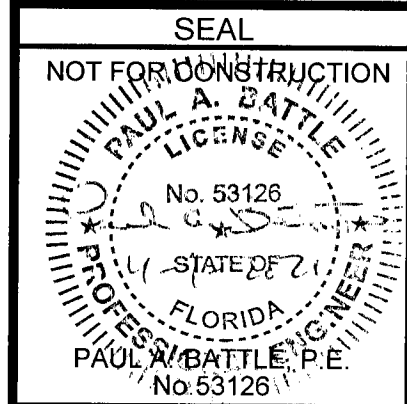
DETAIL

D-20

UTILITY DETAILS

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

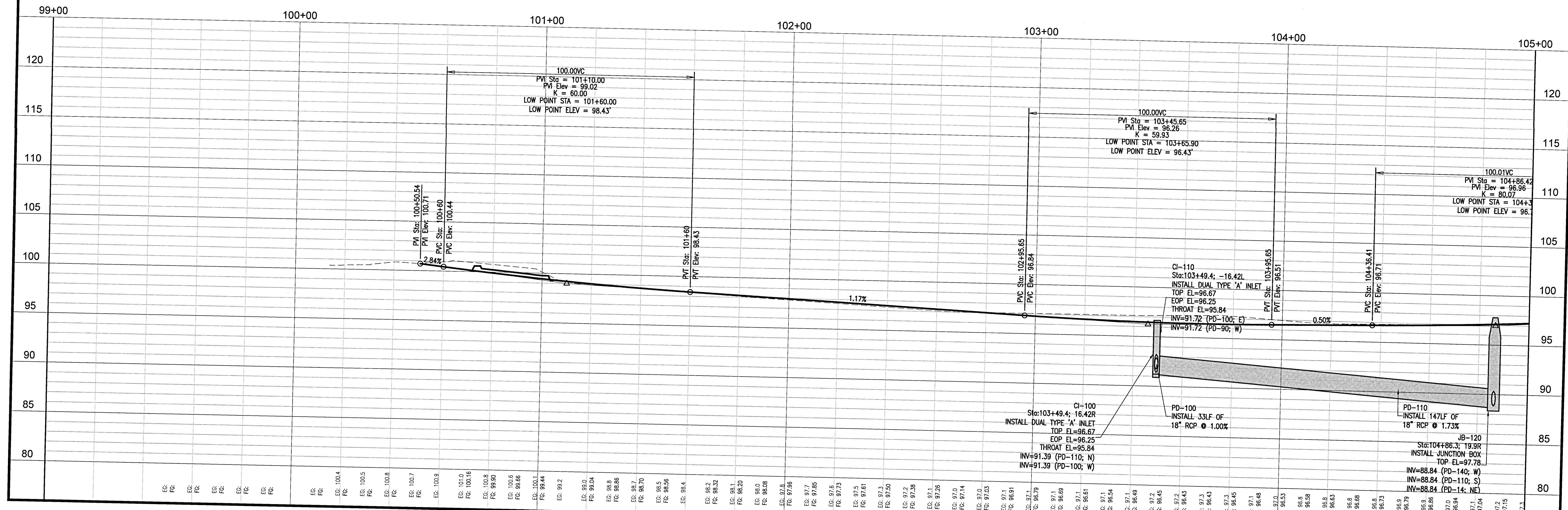
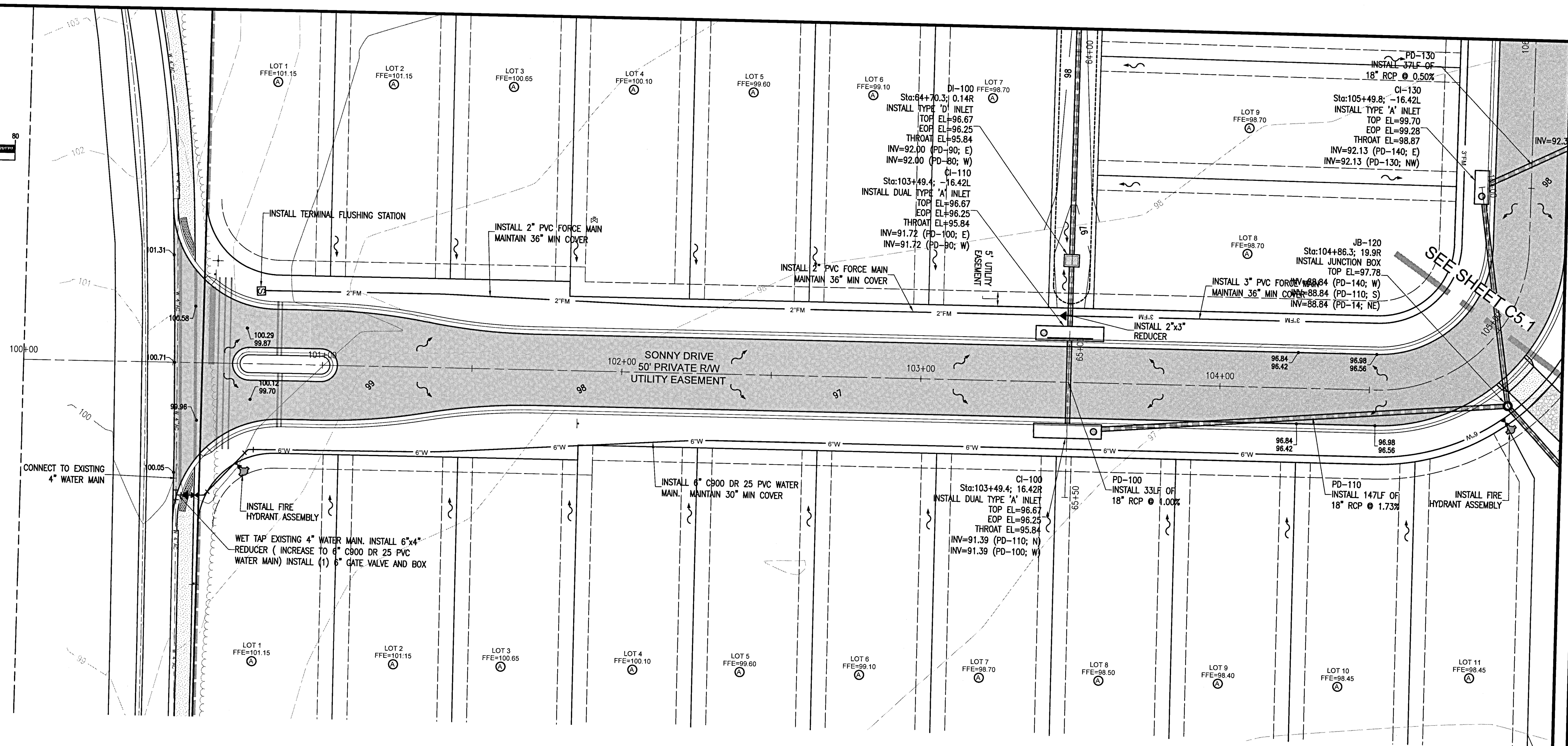
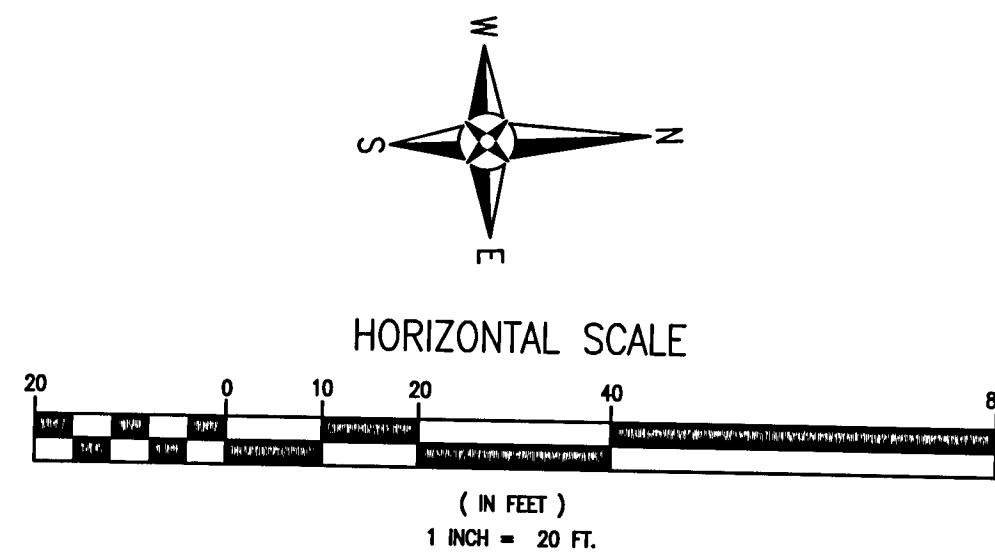
| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

C4.4

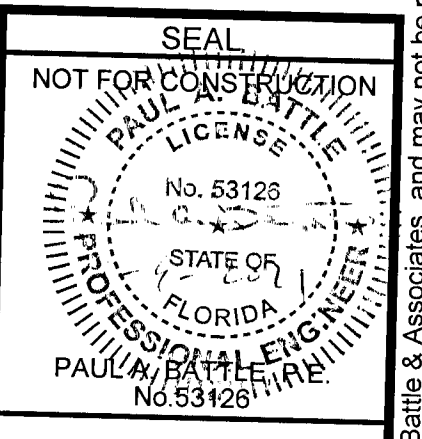


RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 650.438.0400 Fax 650.438.0448
EIR 0006667

PLAN & PROFILE

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

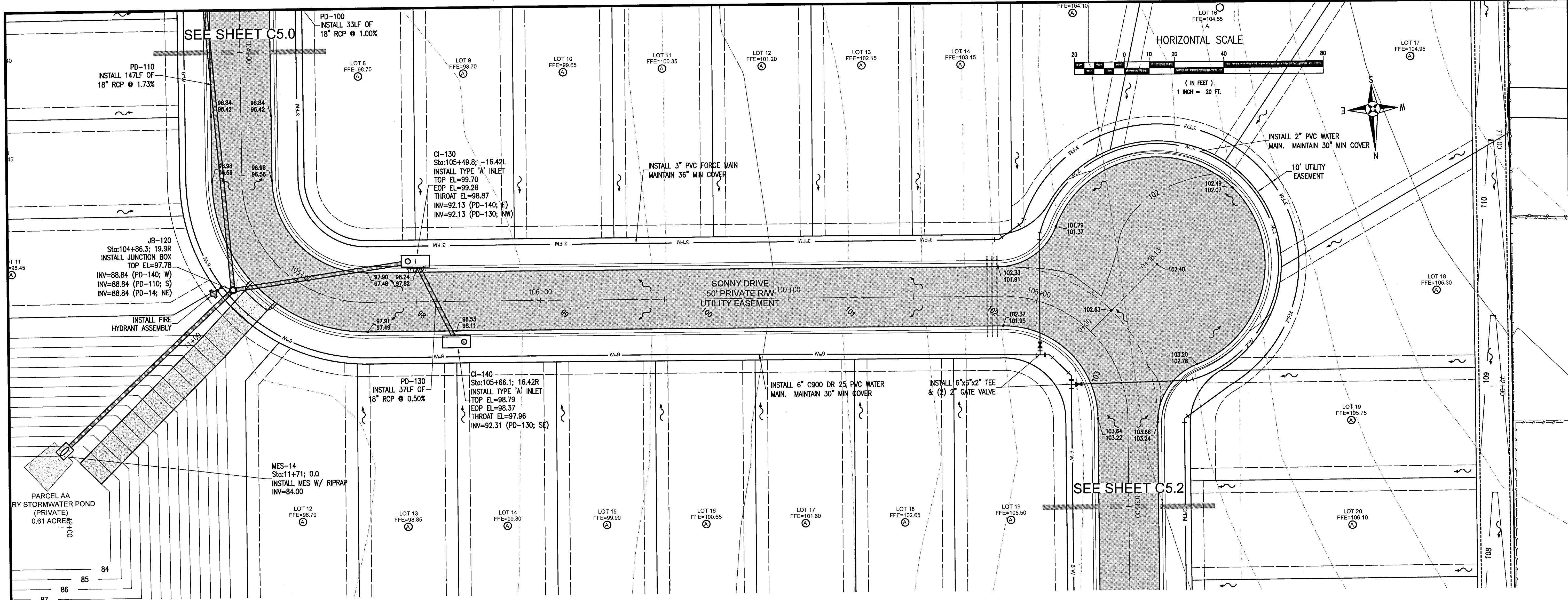
| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021
DRAWING No.

C50

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.

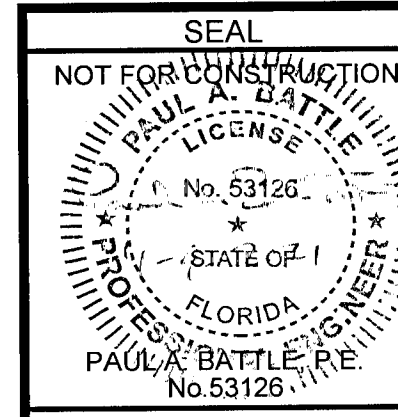


RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone: 904.438.0448
Fax: 904.438.0448
E-mail: info@rba-engineers.com

PLAN & PROFILE

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

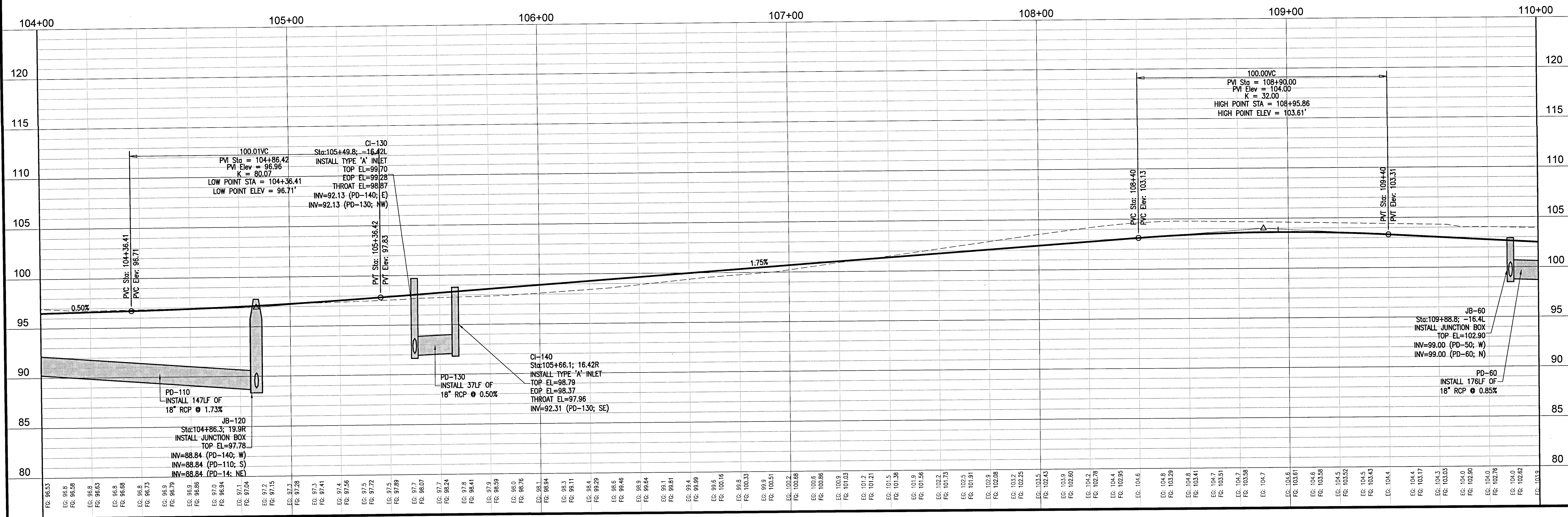
| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |



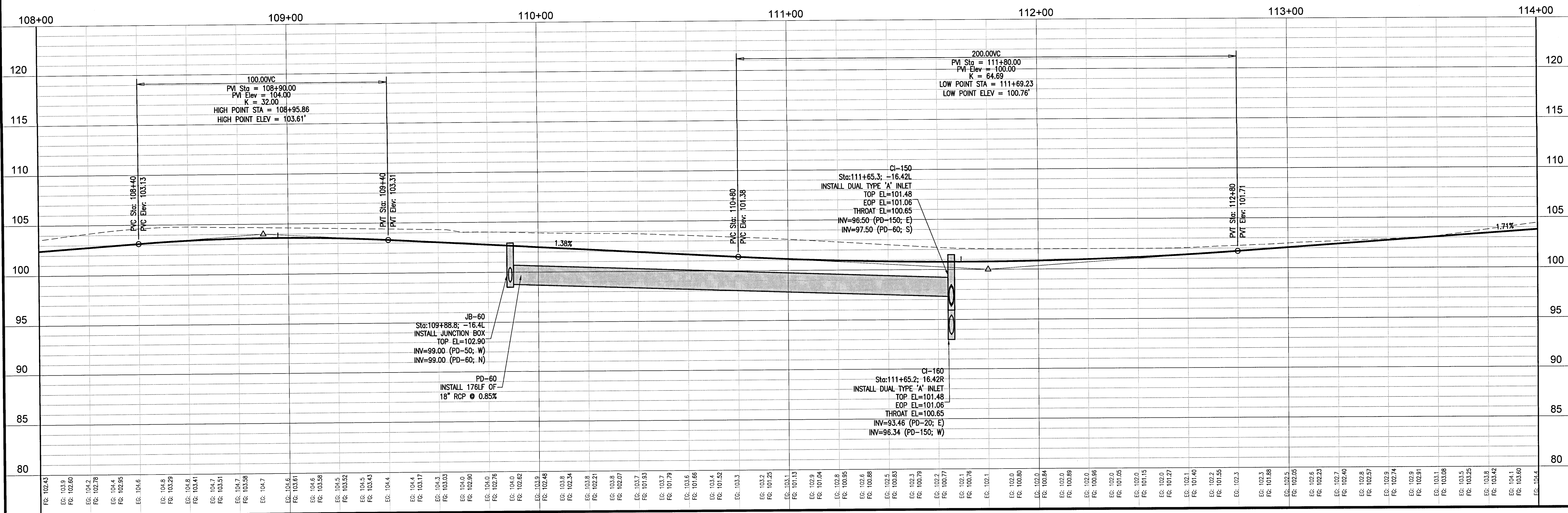
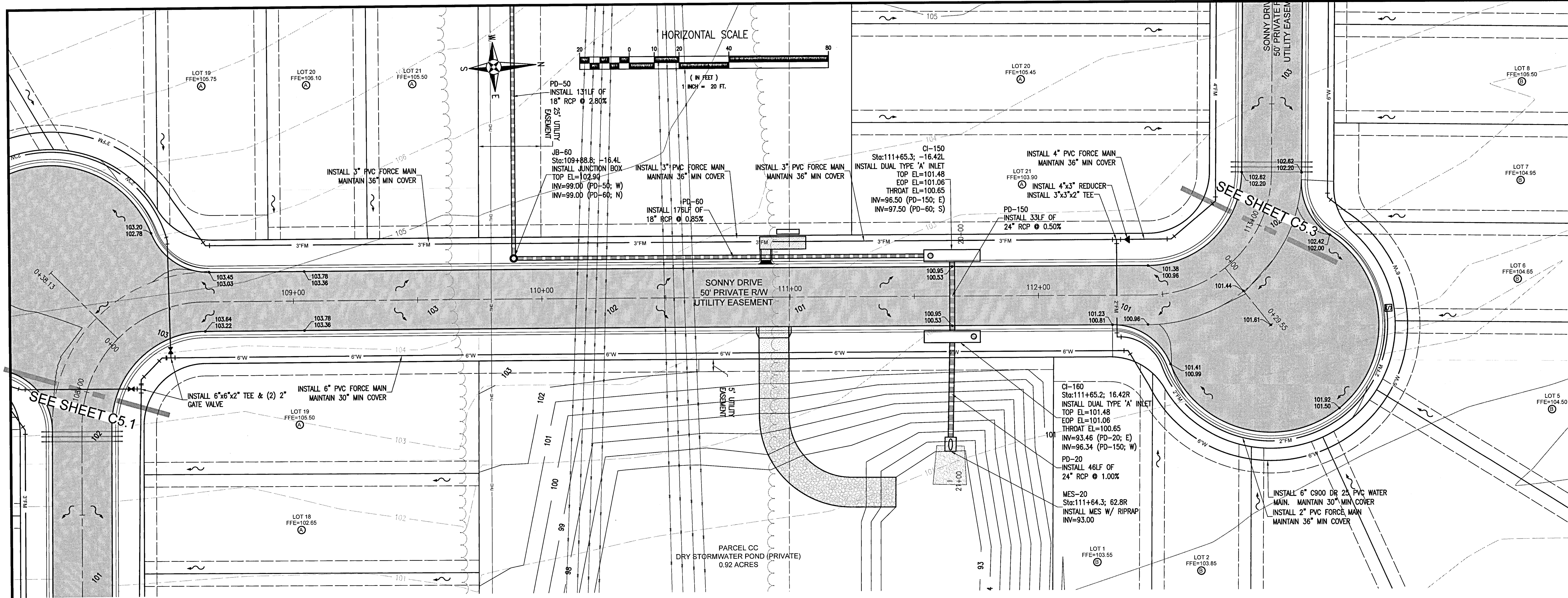
Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

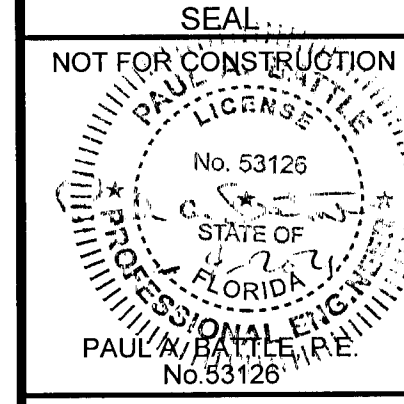
C5.1



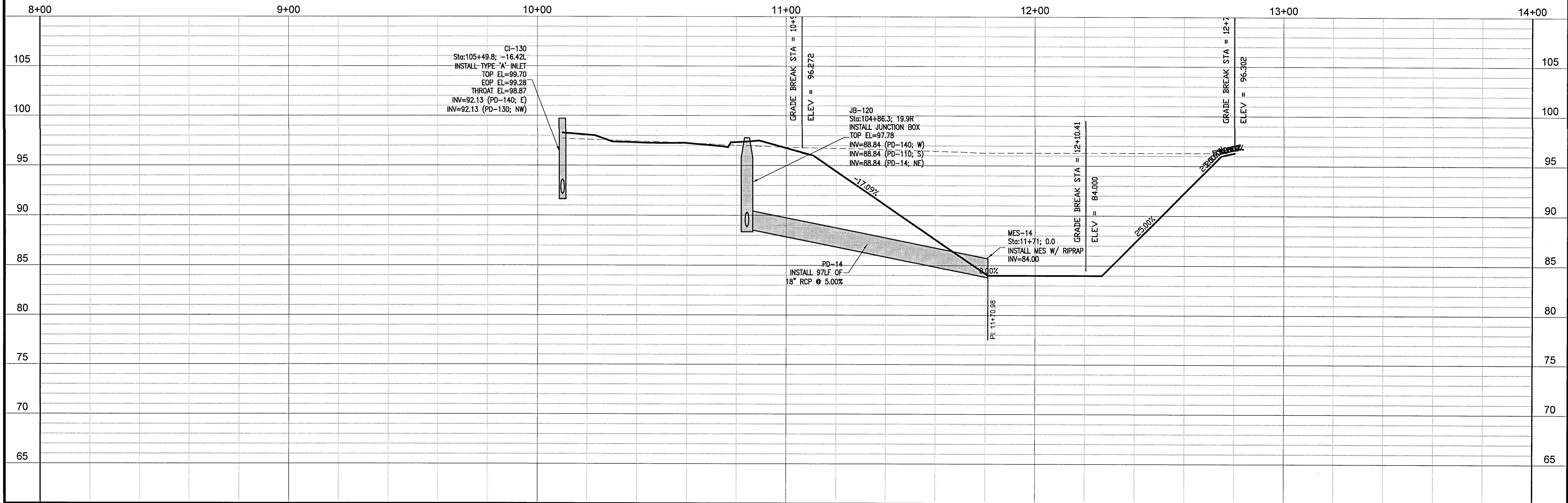
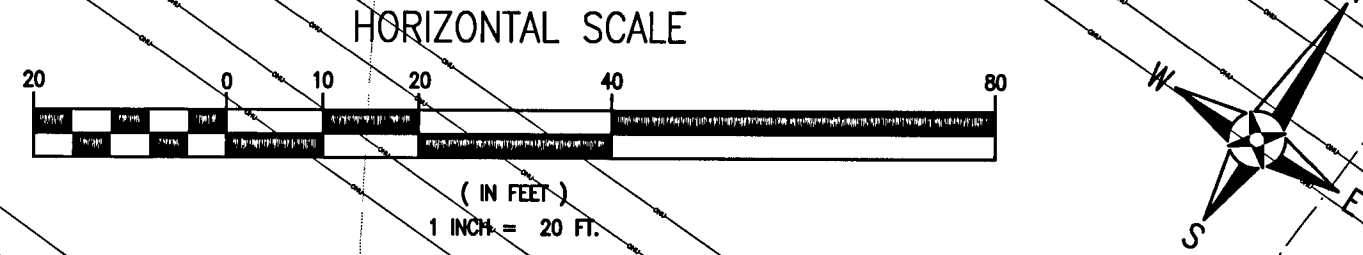
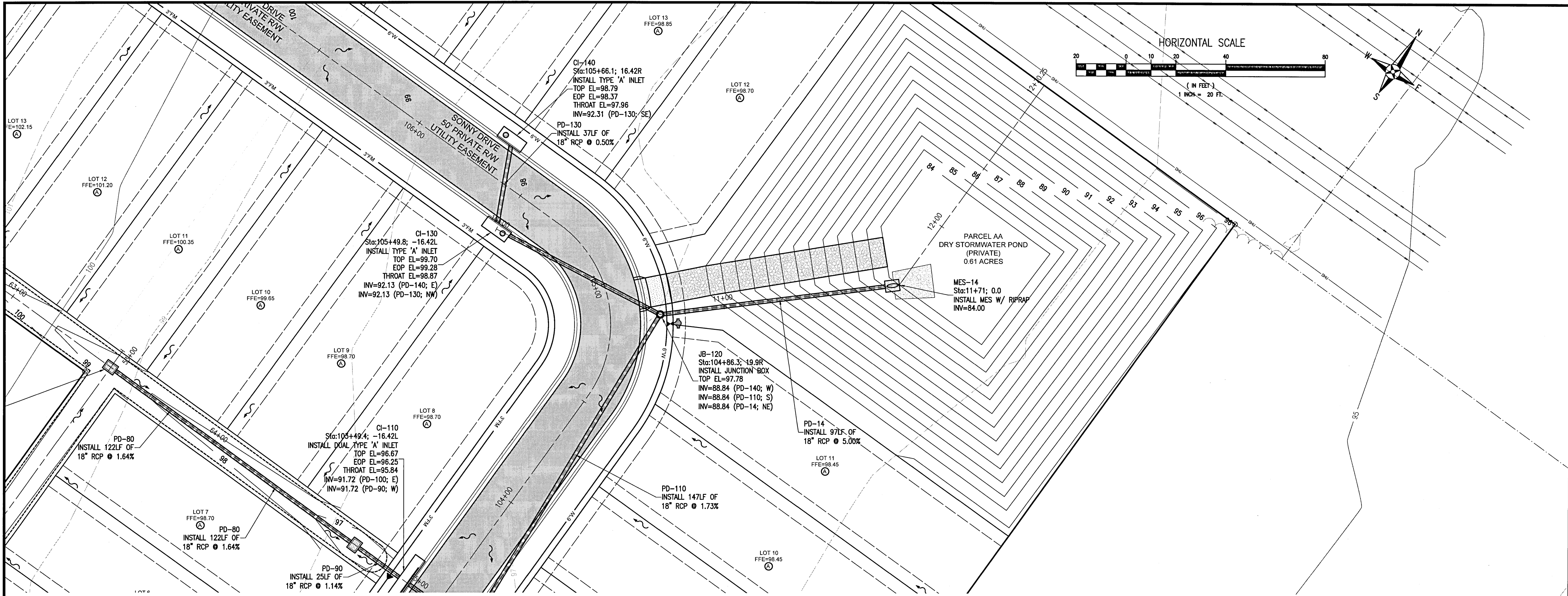
This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.



| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021



RBA

REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0446
EEO 00000001

PLAN & PROFILE

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

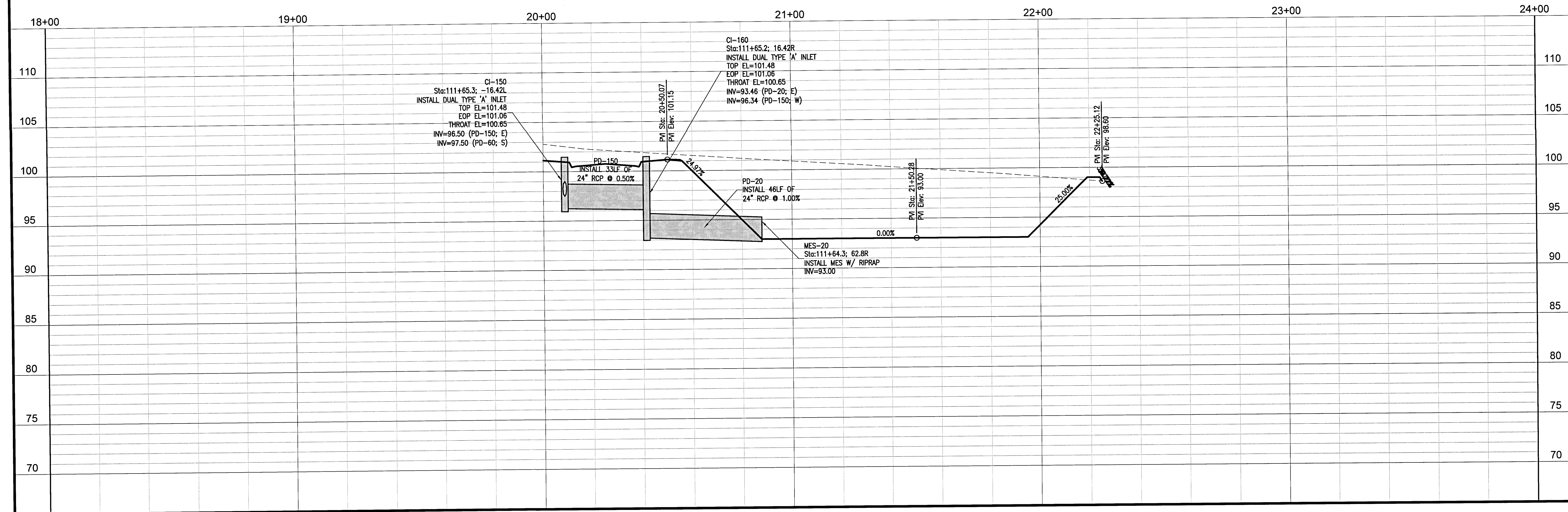
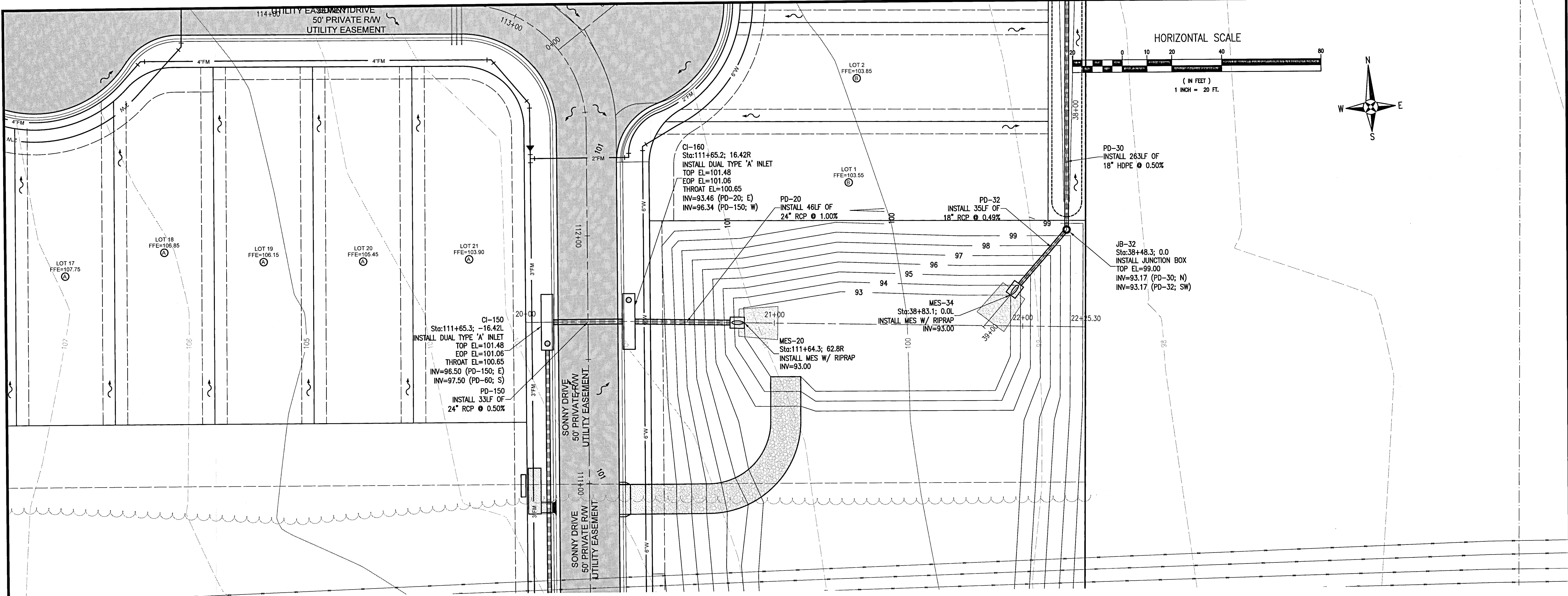
| REVISION | |
|----------|------|
| No. | DATE |
| | |
| | |
| | |
| | |

SEAL
NOT FOR CONSTRUCTION
PAUL A. BATTLE
LICENSE
No. 53126
STATE OF
FLORIDA
PAUL A. BATTLE, P.E.
No. 53126

Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.
C5.4

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.

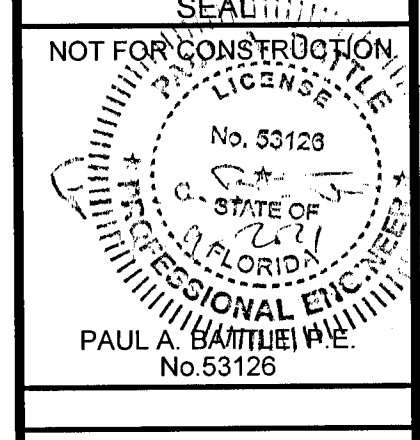


RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone: 904.438.4348
Fax: 904.438.4448
E-mail: info@rba-engineers.com

PLAN & PROFILE

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

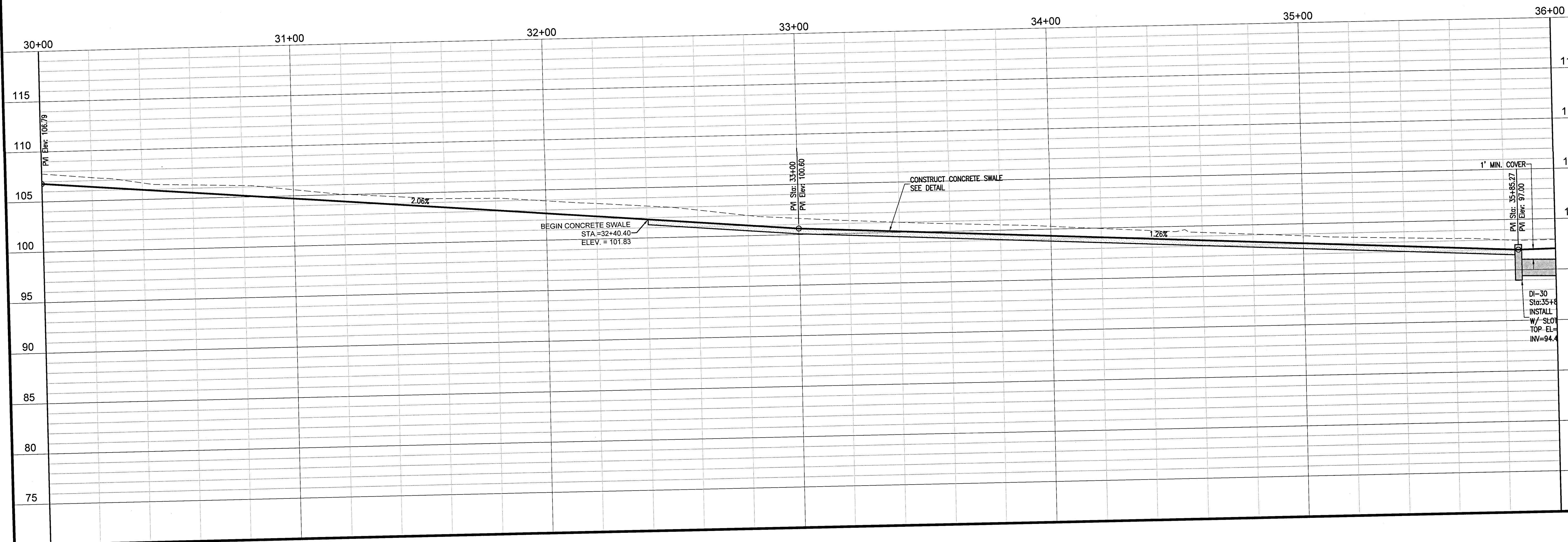
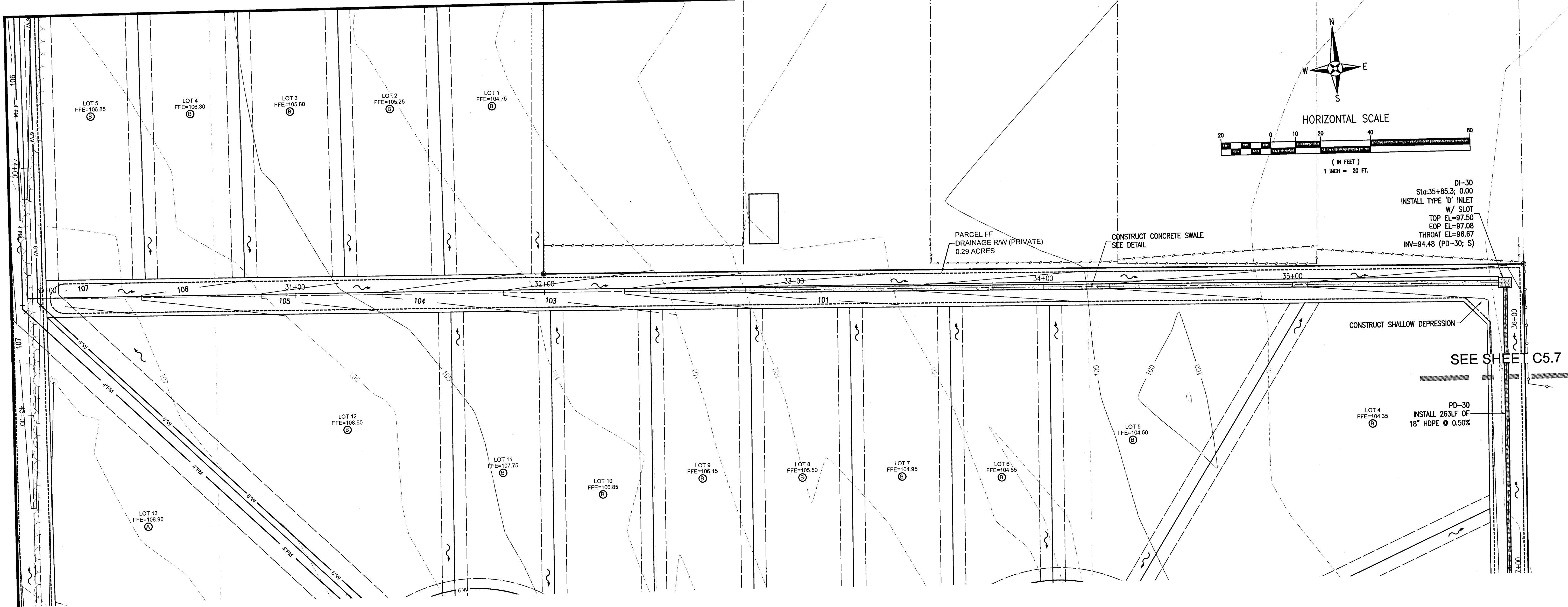
| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |



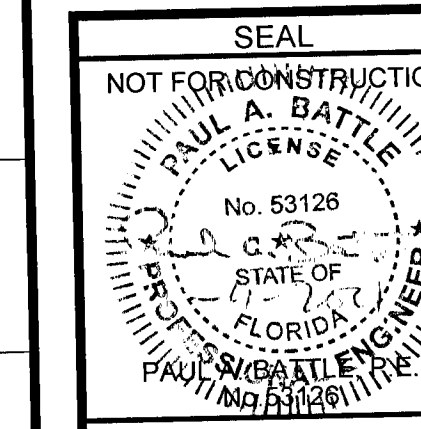
Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.
C5.5

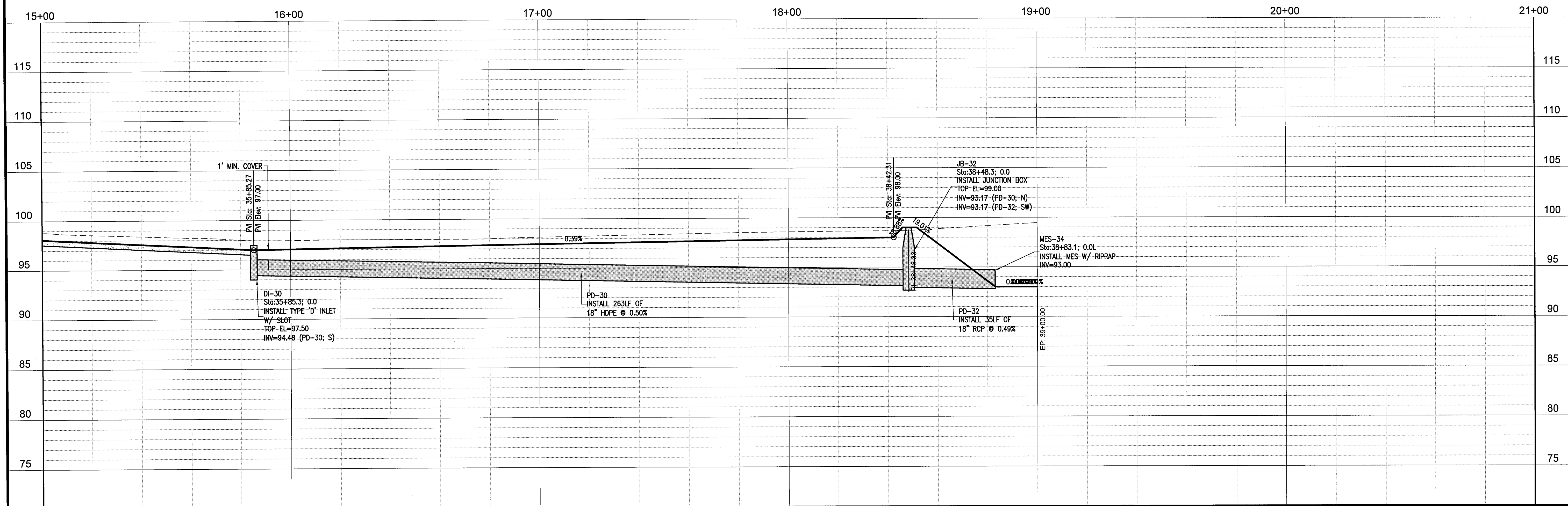
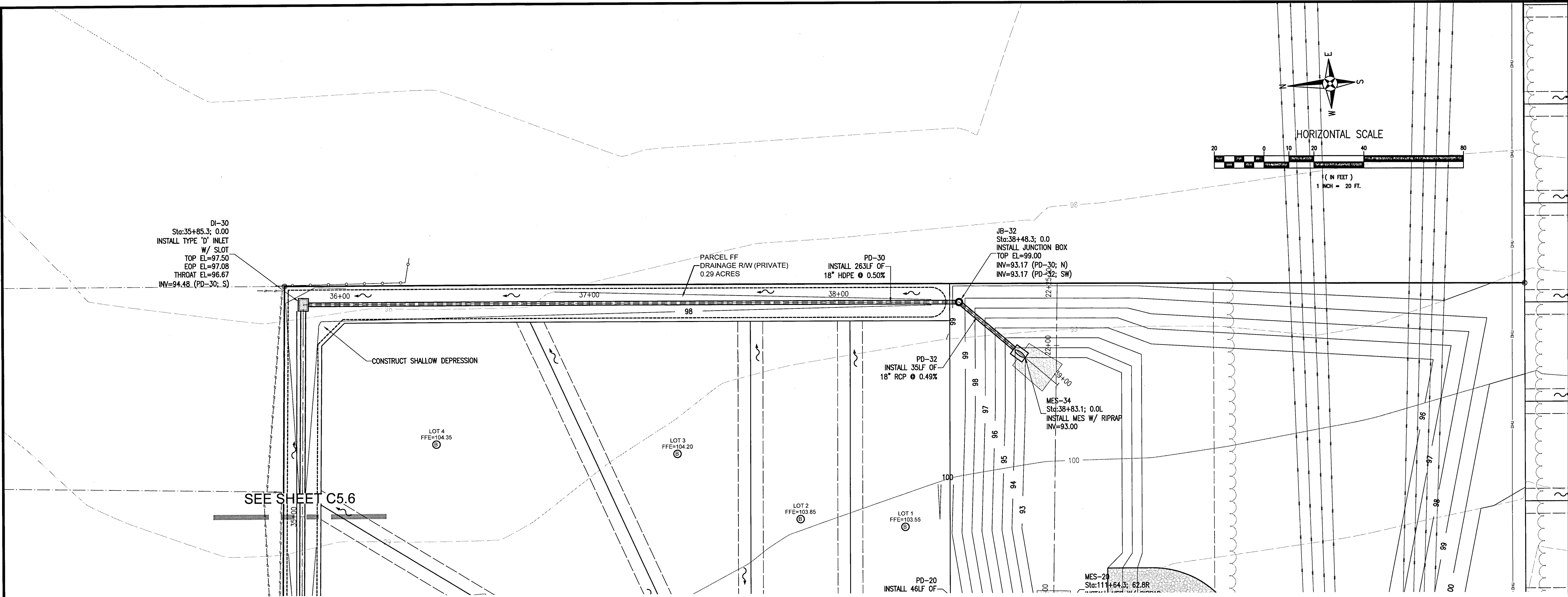
This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.



| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021



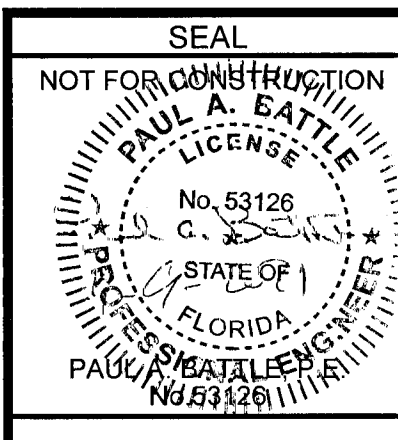


REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 904.438.0000 Fax 904.438.0448
E2 30302501

PLAN & PROFILE

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

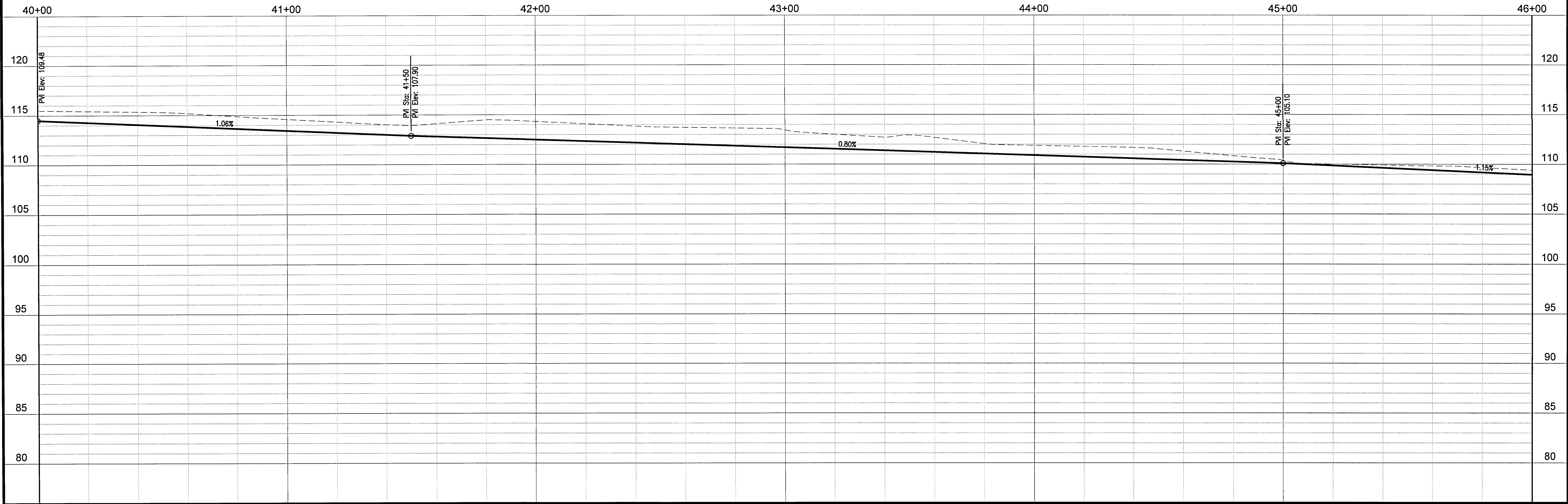
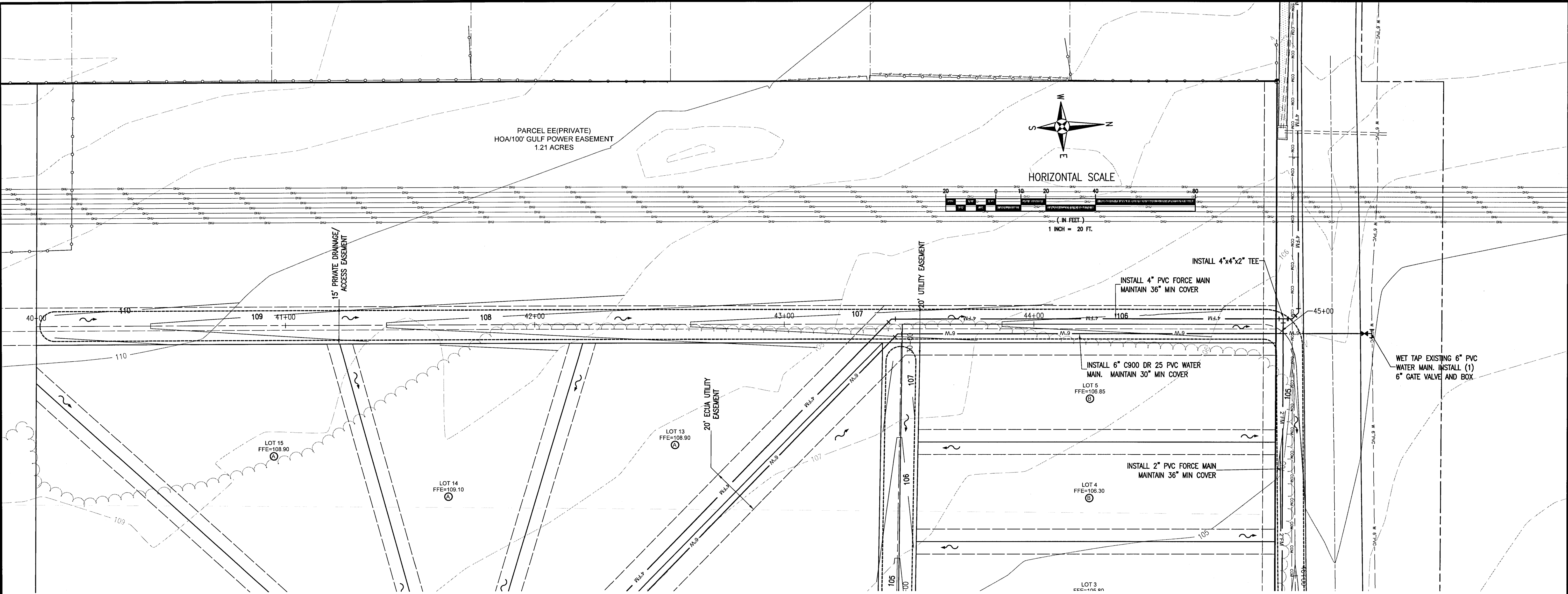
| REVISION | |
|----------|------|
| No. | DATE |
| | |
| | |
| | |
| | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.
C5.7

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.



RBA

REBOL-BATTLE & ASSOCIATES

Civil Engineers and Surveyors

2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0448
Fax 850.438.0448
ES 00006971

PLAN & PROFILE

COMMANDERS COVE

A 66 LOT RESIDENTIAL SUBDIVISION

ESCAMBIA COUNTY, FLORIDA

| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

SEAL

NOT FOR CONSTRUCTION

PAUL A. BATTLE

LICENSE

No. 53126

STATE OF FLORIDA

PAUL A. BATTLE, P.E.

No. 53126

Dr. By: CBD

Ck By: PAB

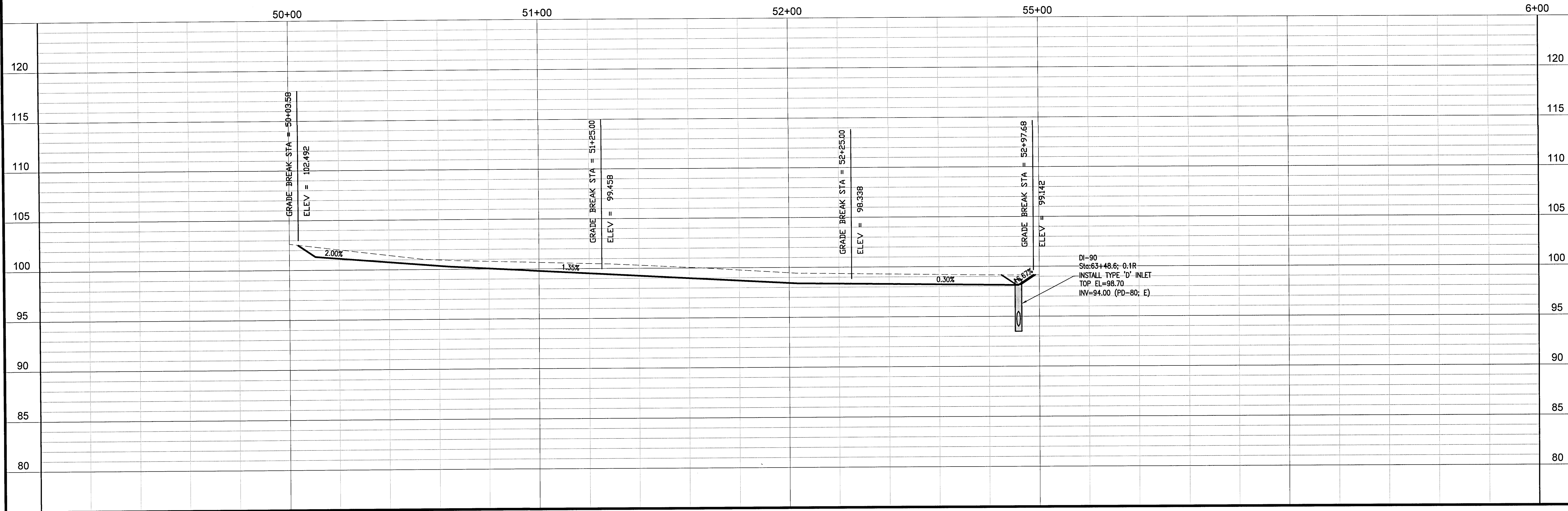
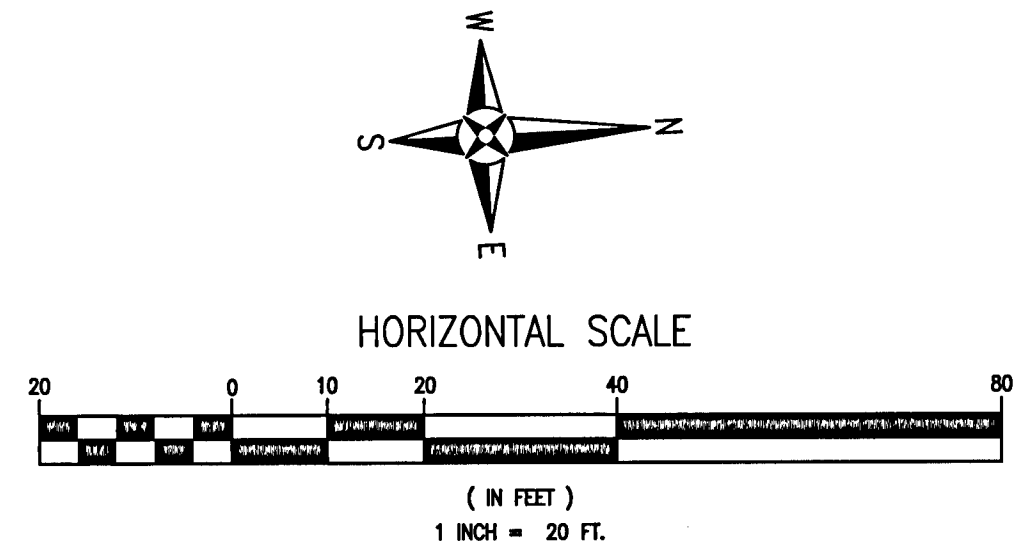
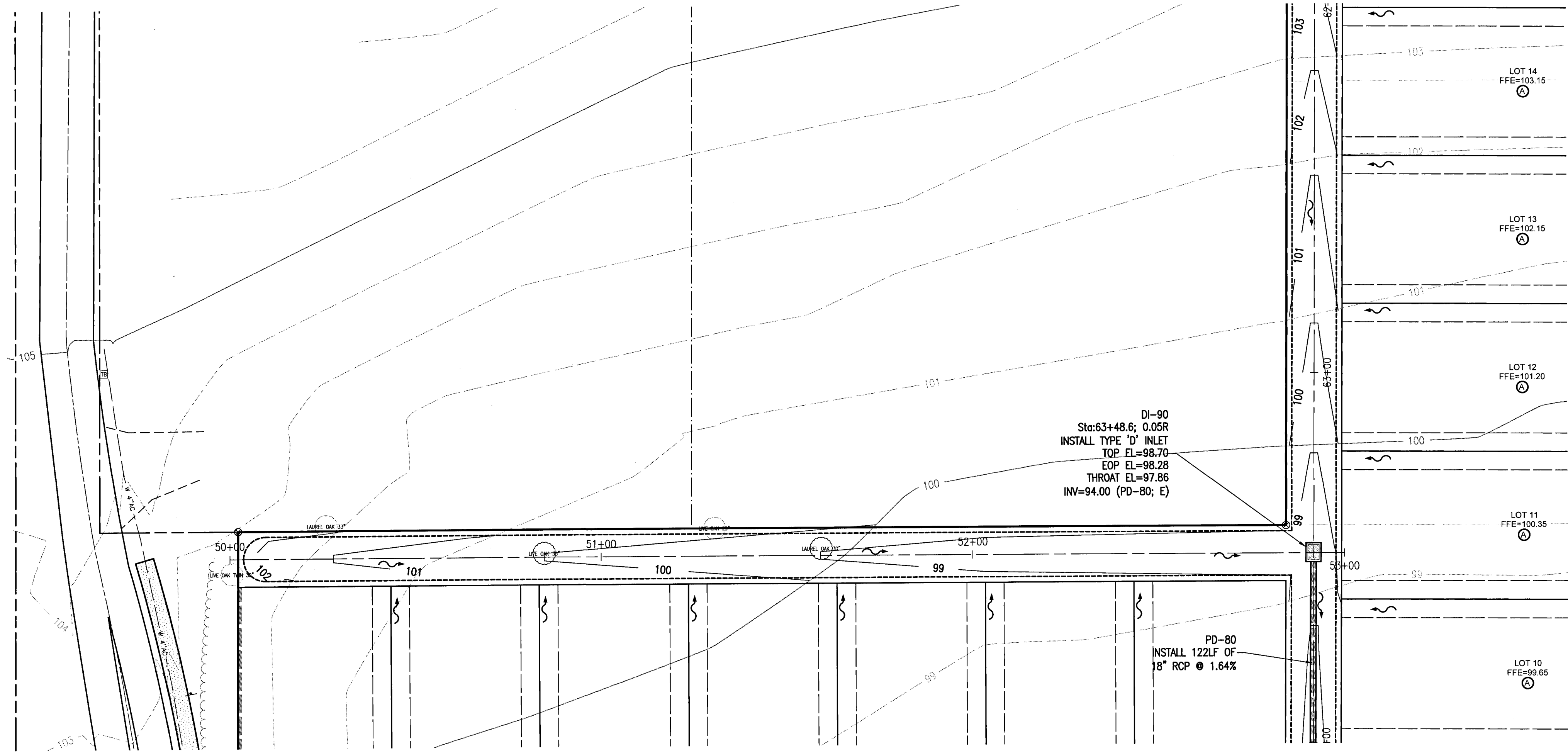
Job No.: 2017.208

Date: 3/29/2021

DRAWING No.

C5.8

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.

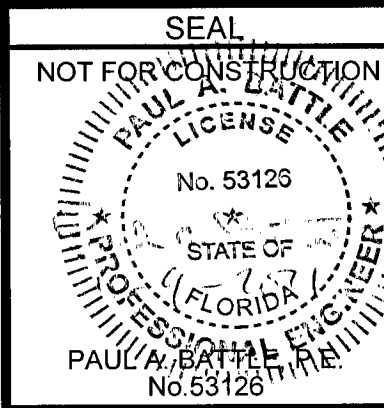


RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 650.435.4348
Fax 650.435.4448
EID0005657

PLAN & PROFILE

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

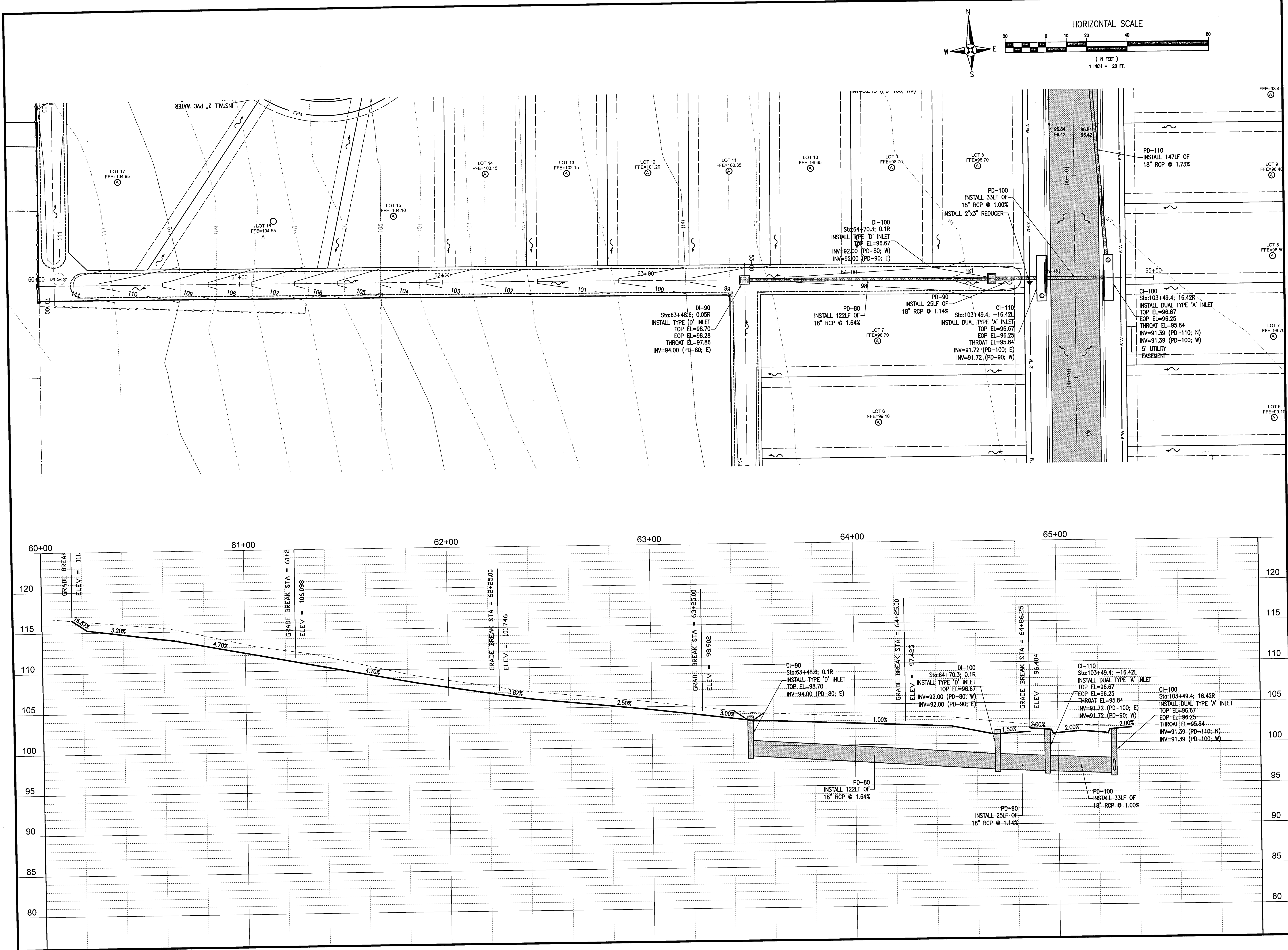


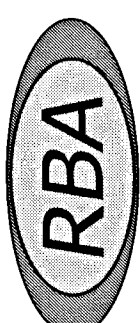
Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

C5.9

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.



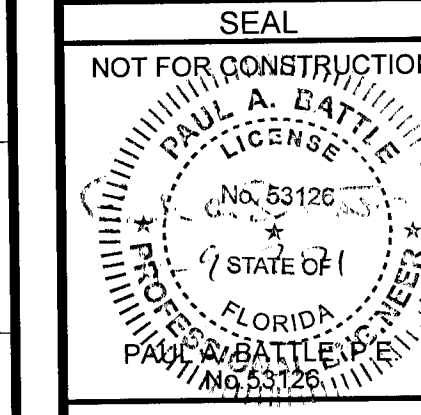


REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2901 N Ninth Avenue, Suite 300
Tampa, FL 33607
Telephone 850.438.0400 Fax 850.438.0448
EB 00009657

PLAN & PROFILE

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

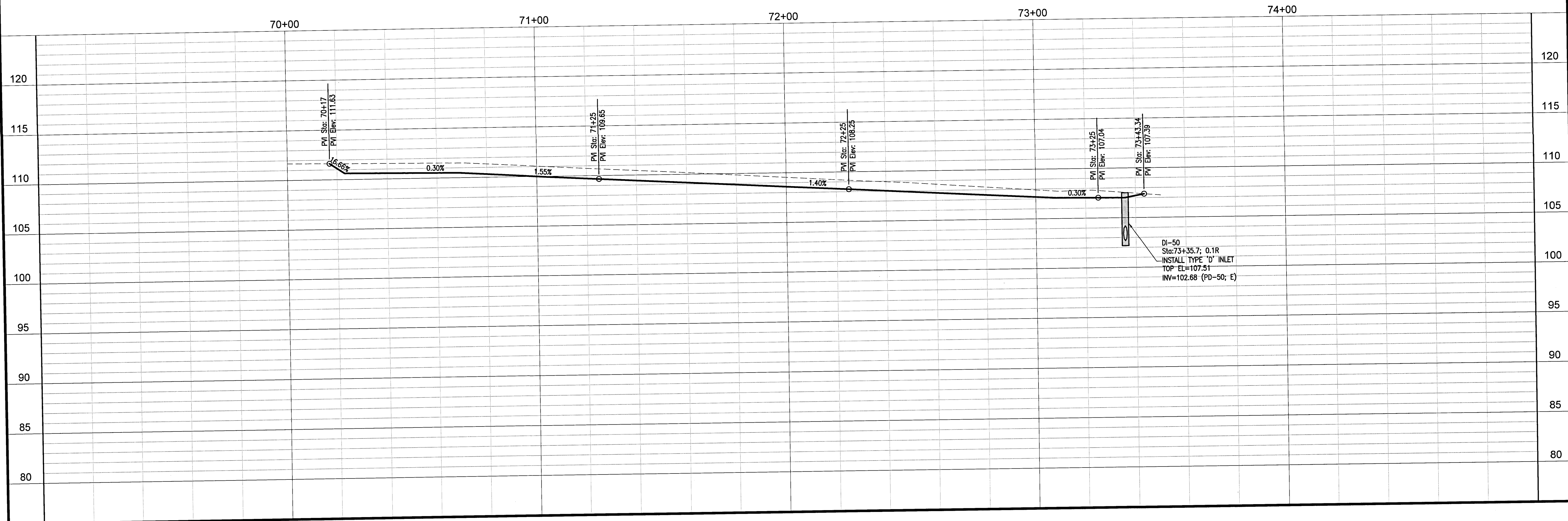
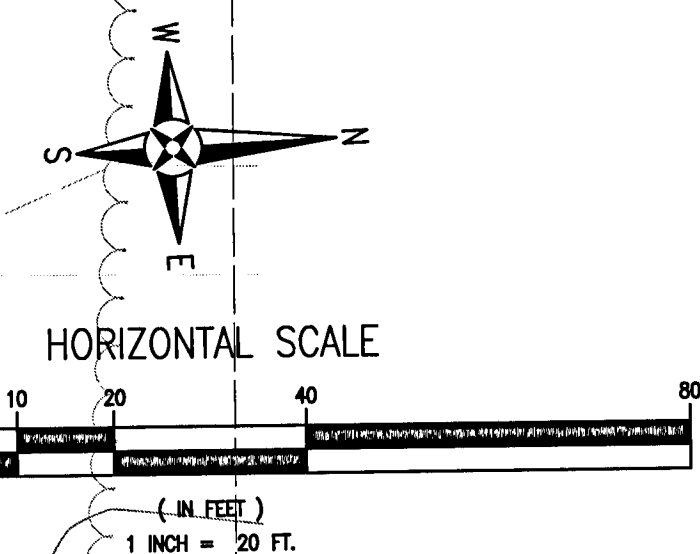
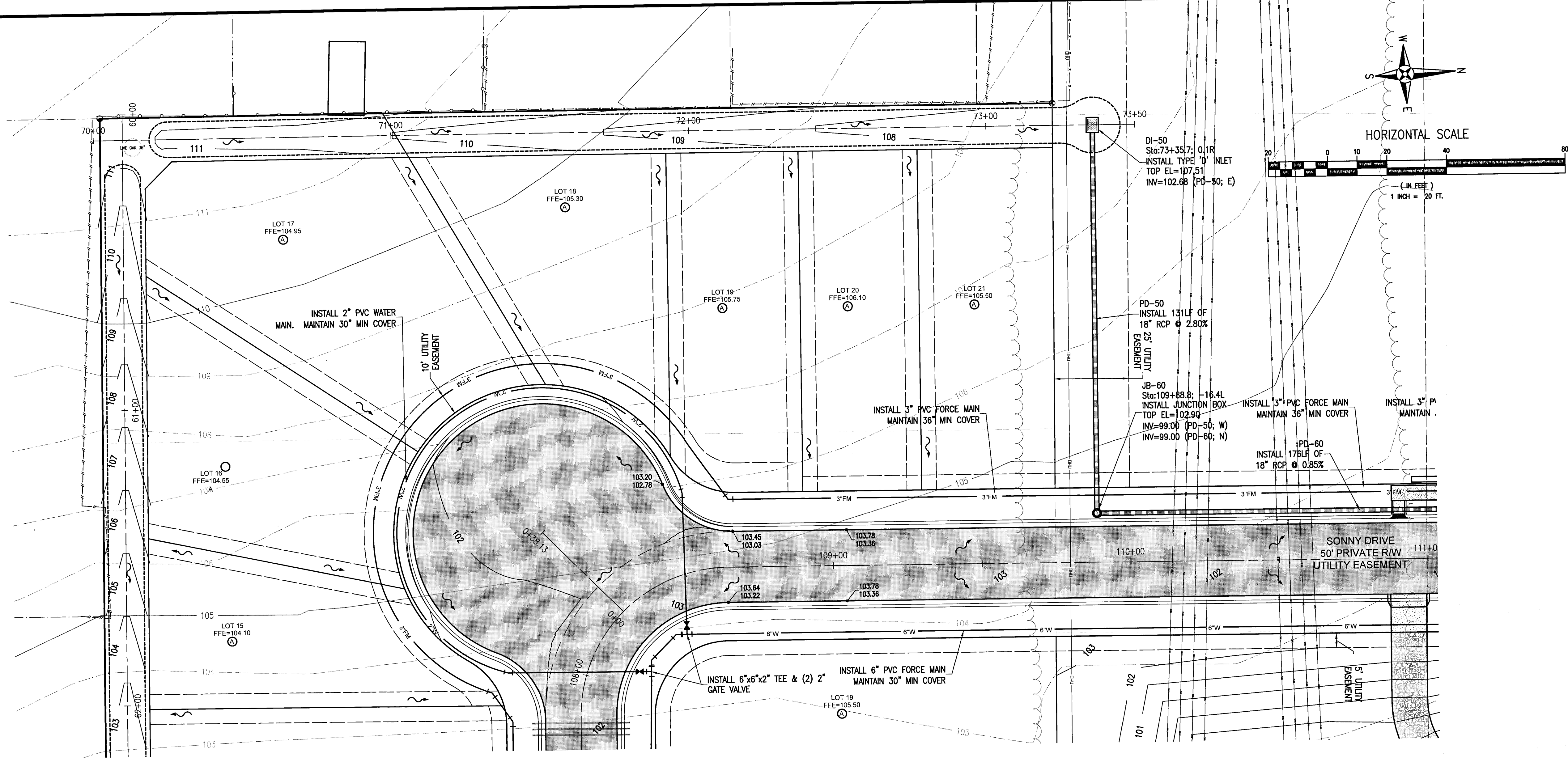
| REVISION | |
|----------|------|
| No. | DATE |
| | |
| | |
| | |
| | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.
C5.10

This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.

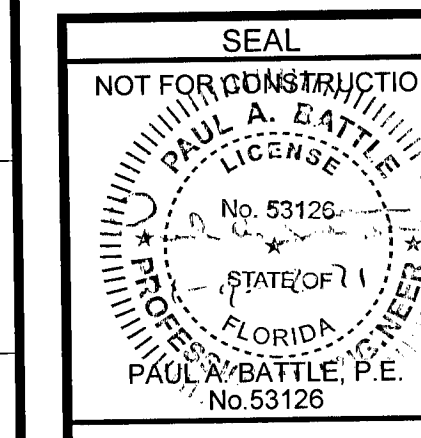


RBA
REBO-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Palm Beach, Florida 33403
Telephone: 561.438.0402 Fax: 561.438.0448
EB 0000857

PLAN & PROFILE

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

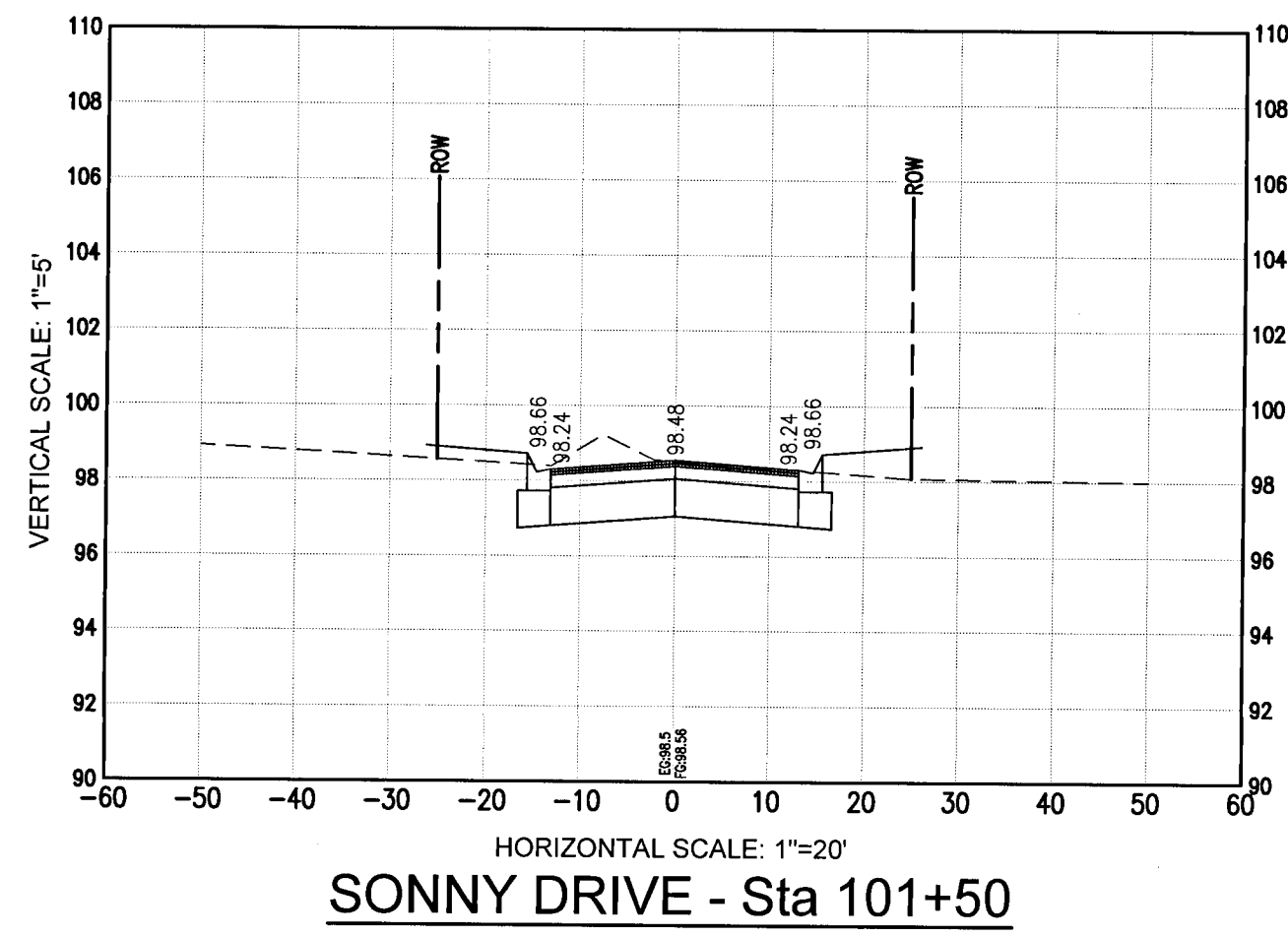
| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |
| | | |



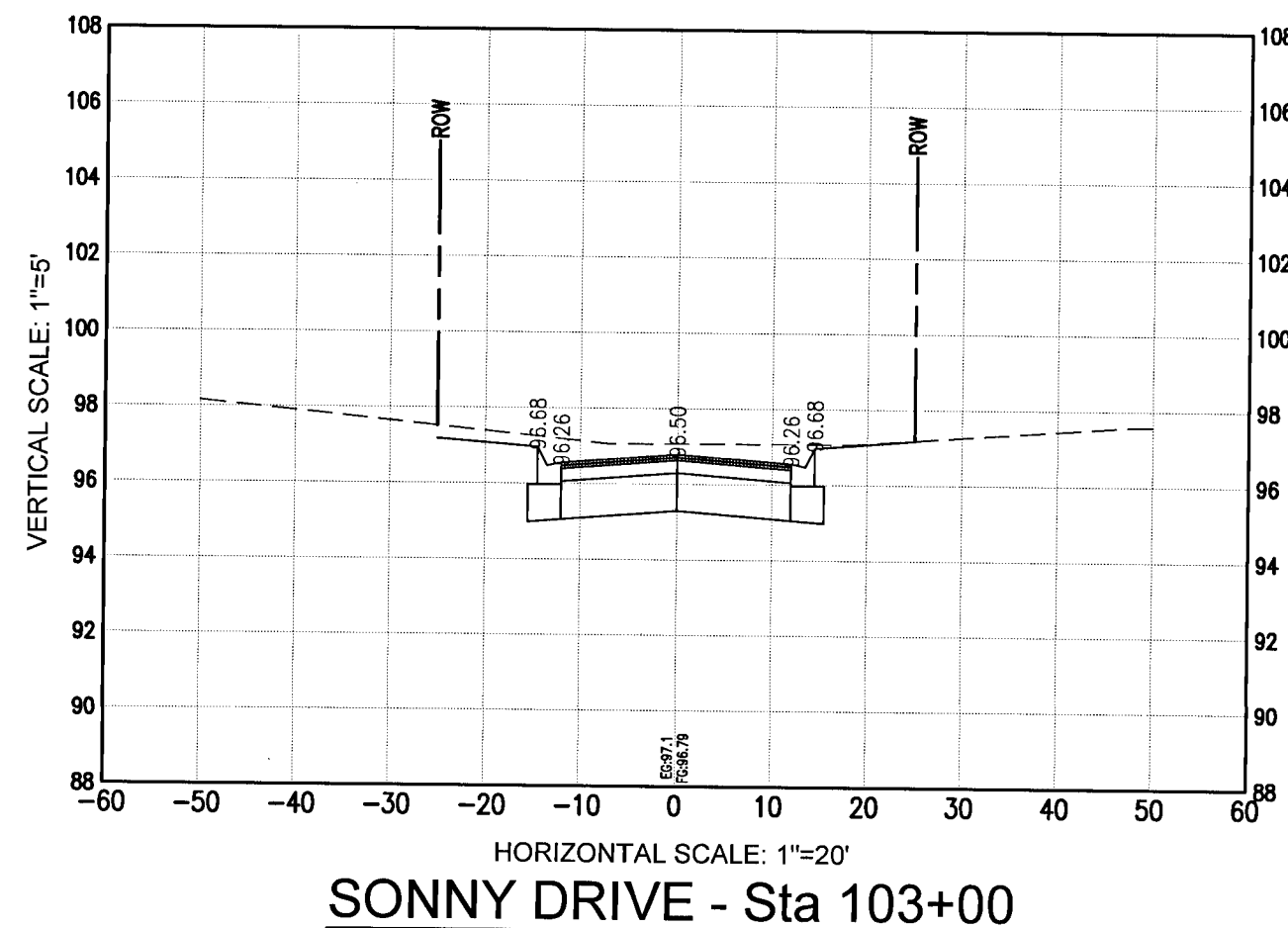
Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.
C5.11

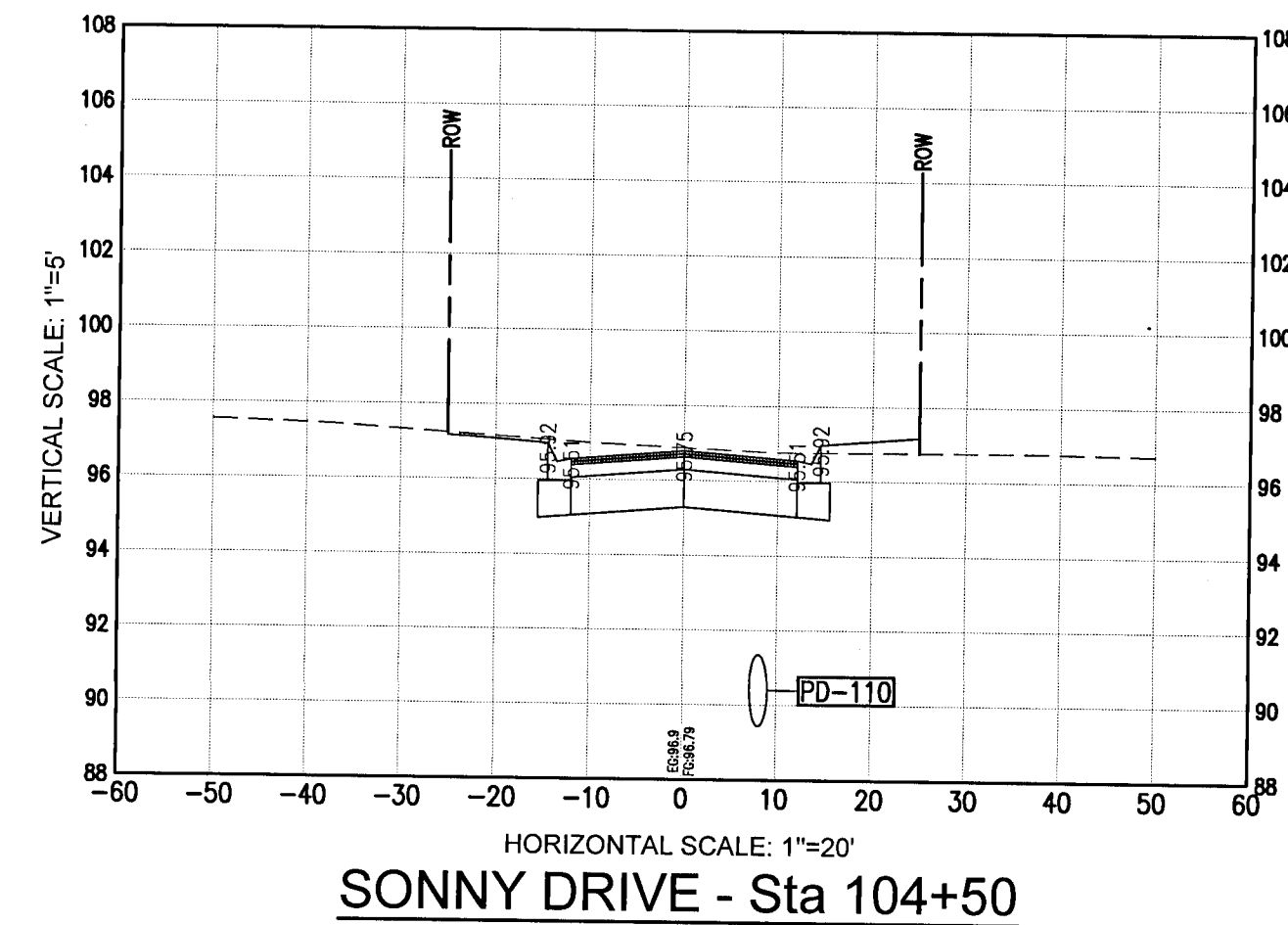
This drawing is the property of Rebo-Battle & Associates, and may not be reproduced without written permission.



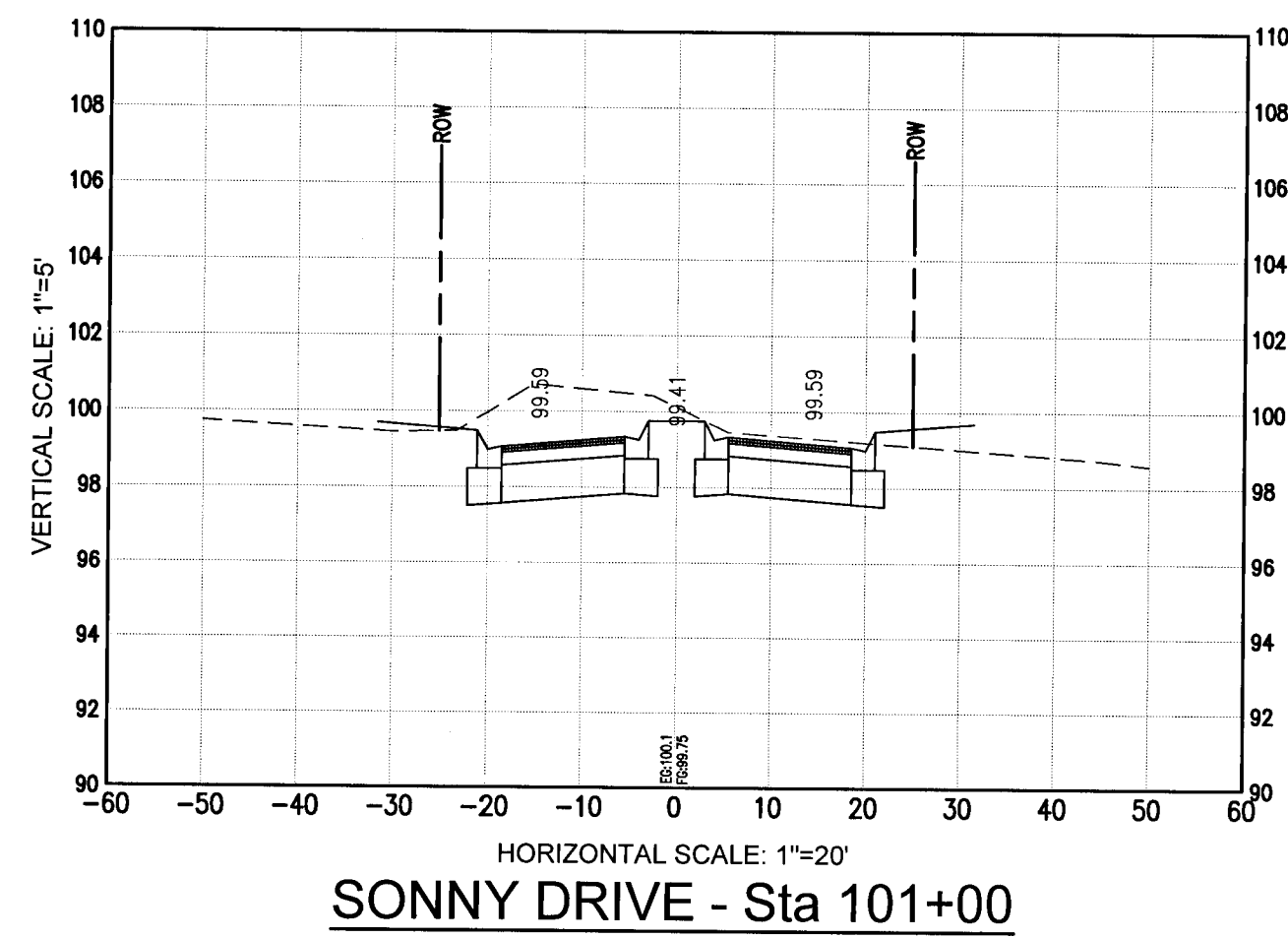
SONNY DRIVE - Sta 101+50



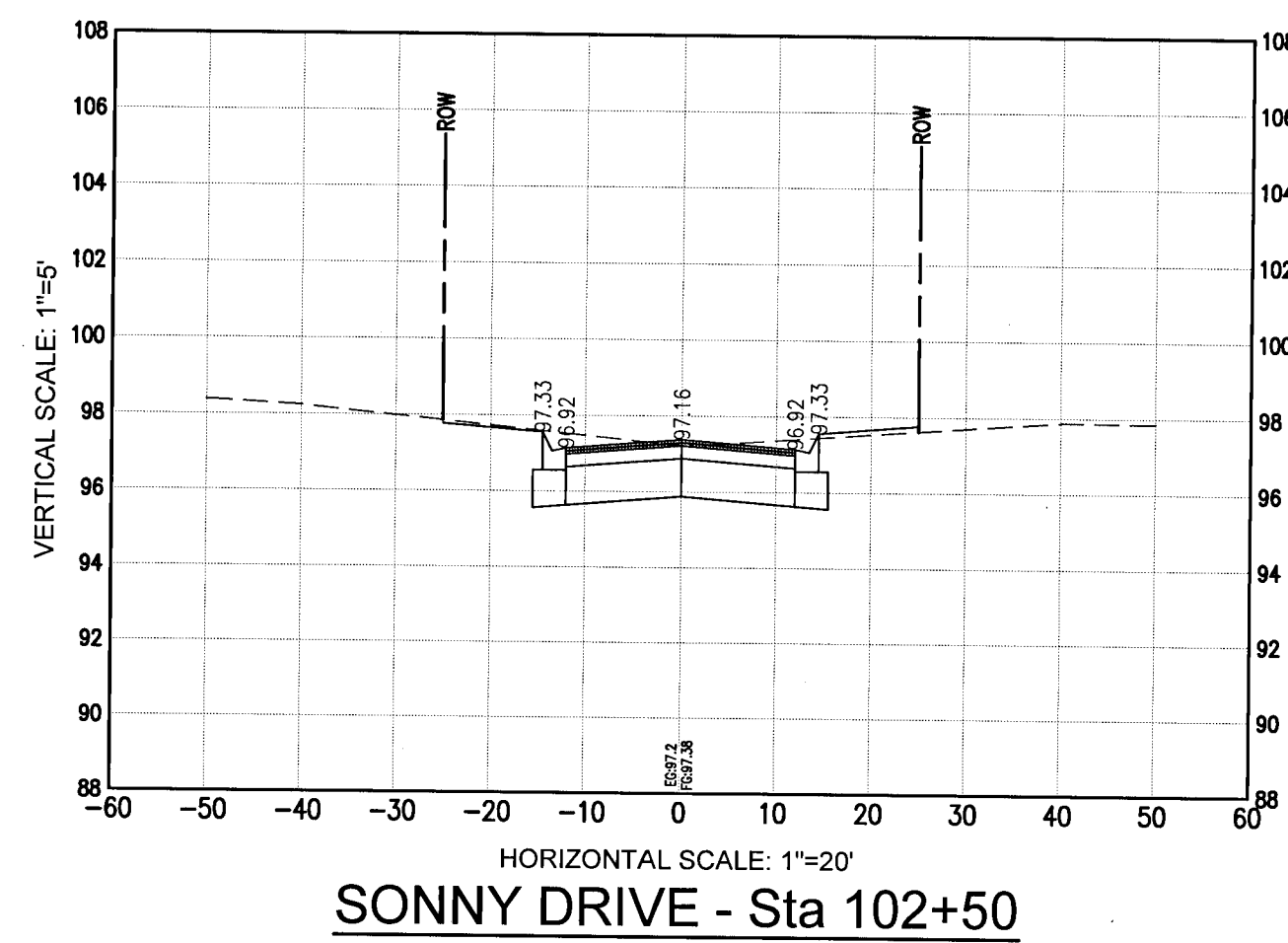
SONNY DRIVE - Sta 103+00



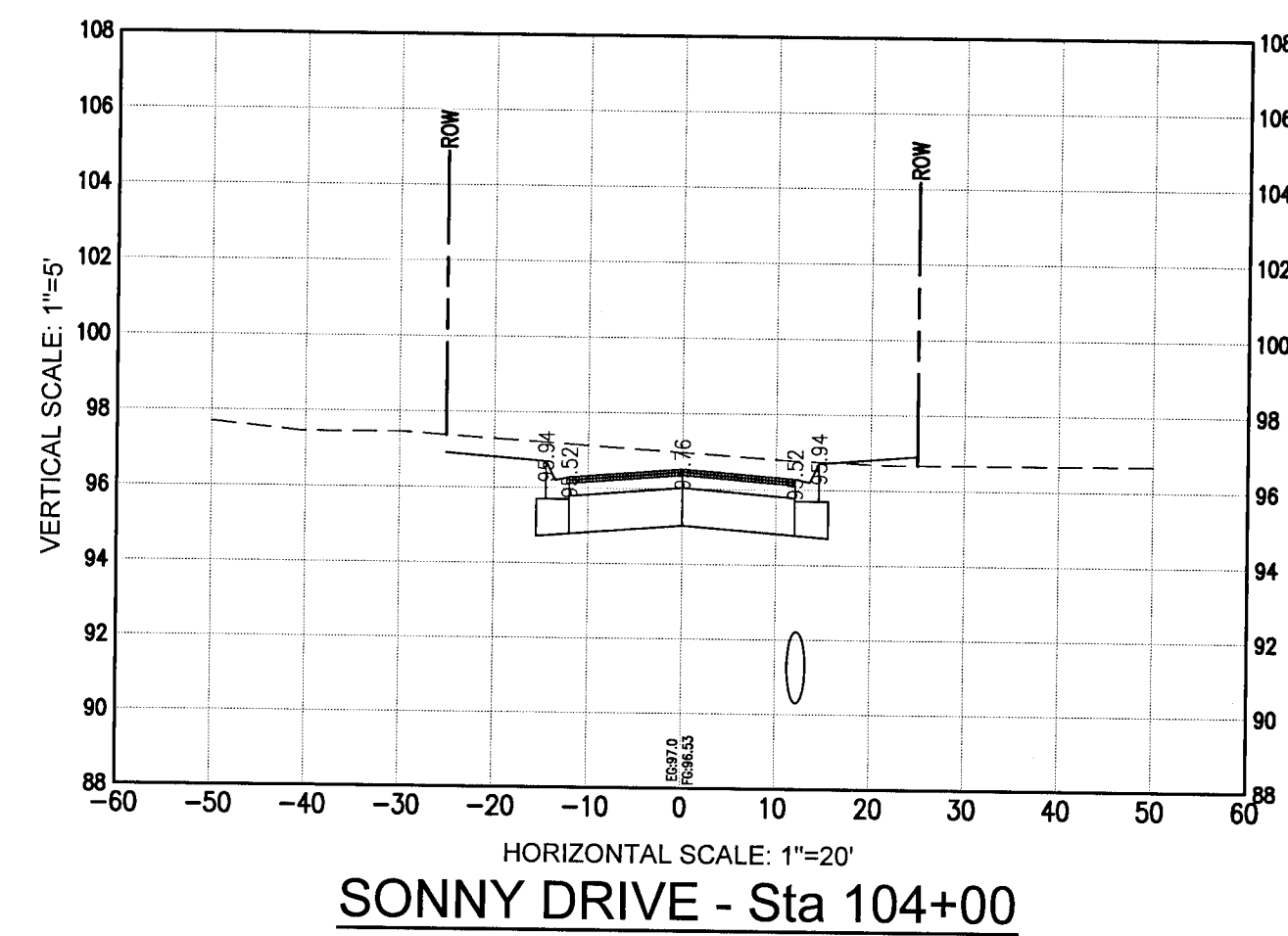
SONNY DRIVE - Sta 104+50



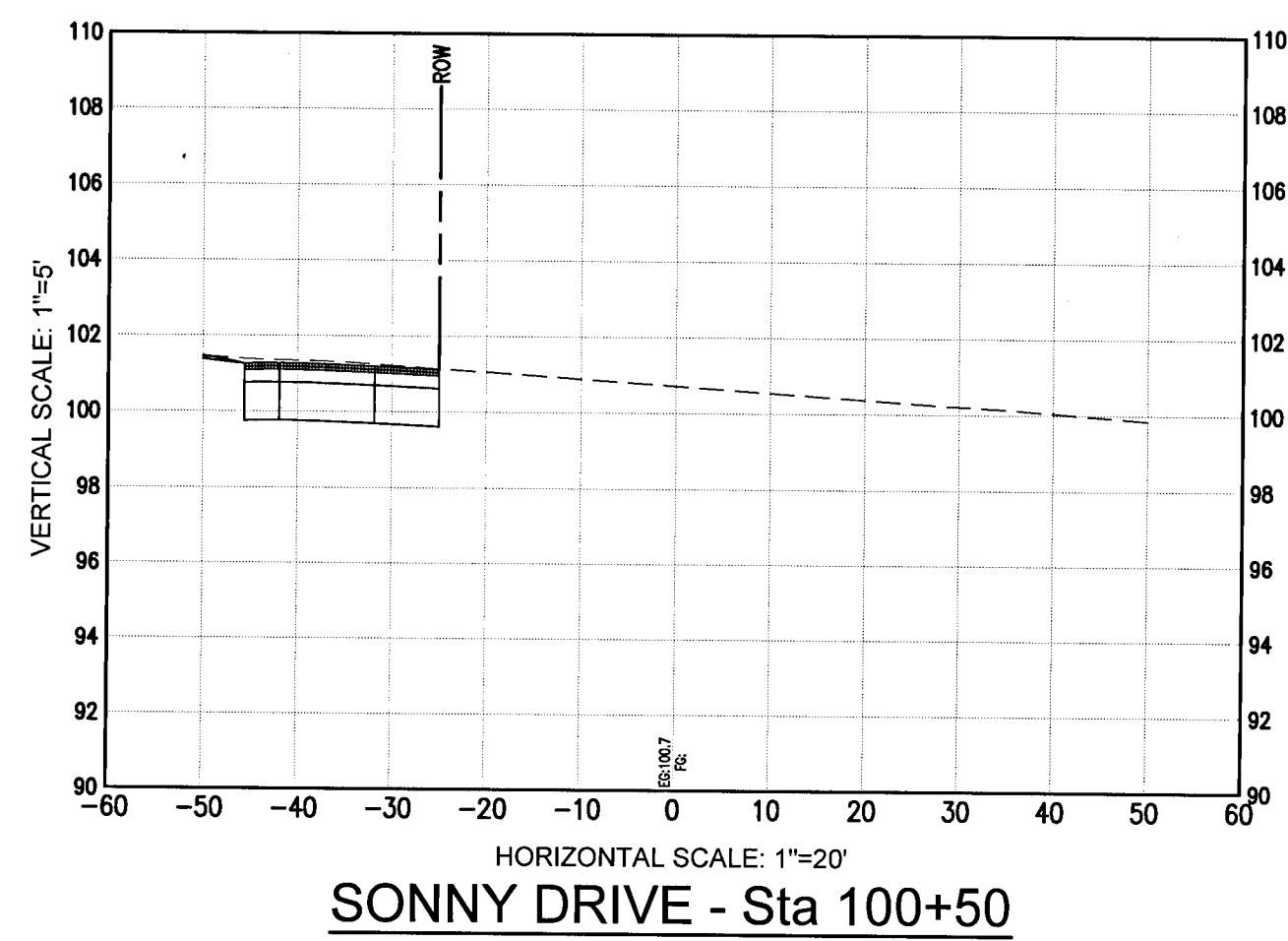
SONNY DRIVE - Sta 101+00



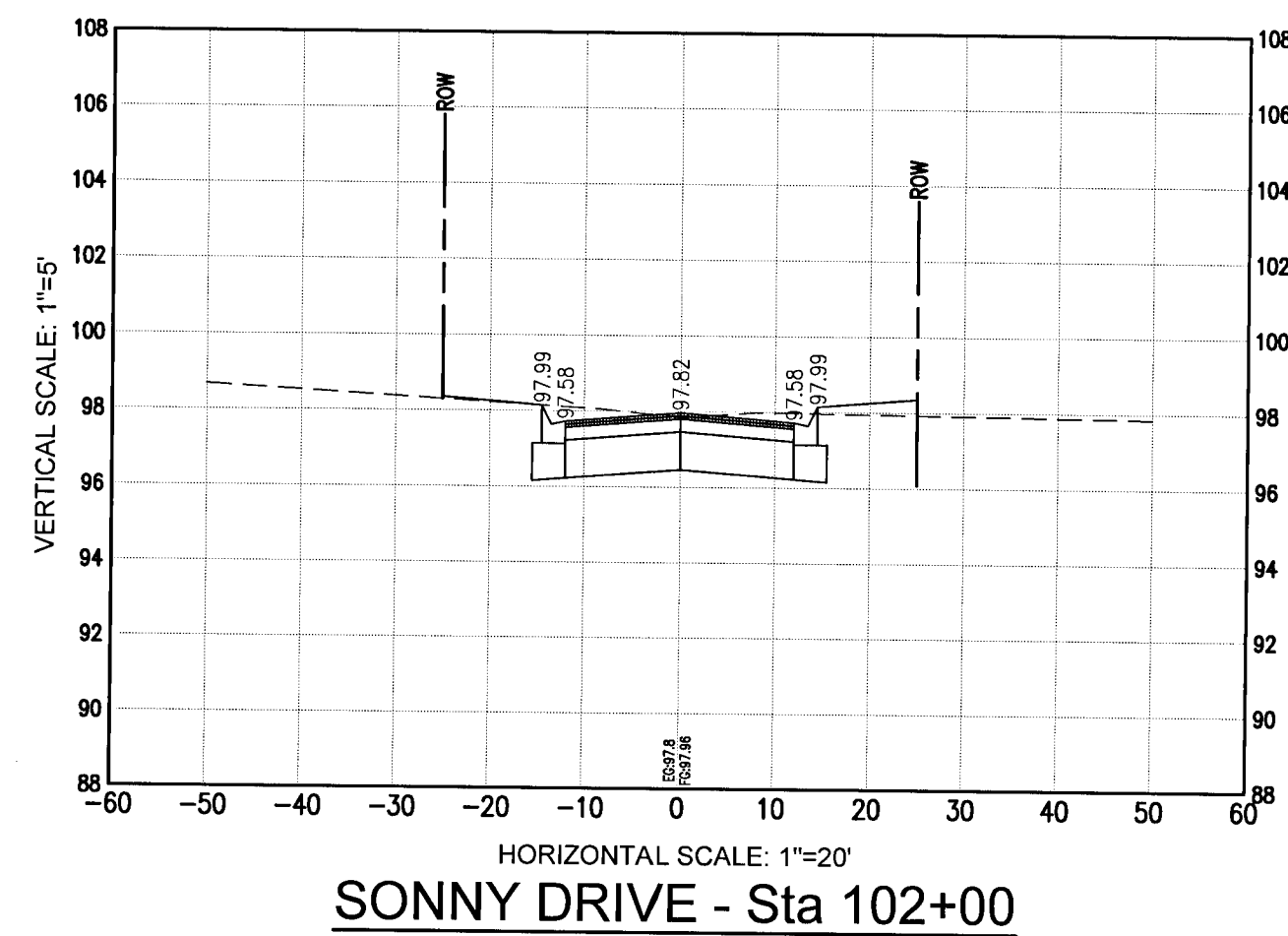
SONNY DRIVE - Sta 102+50



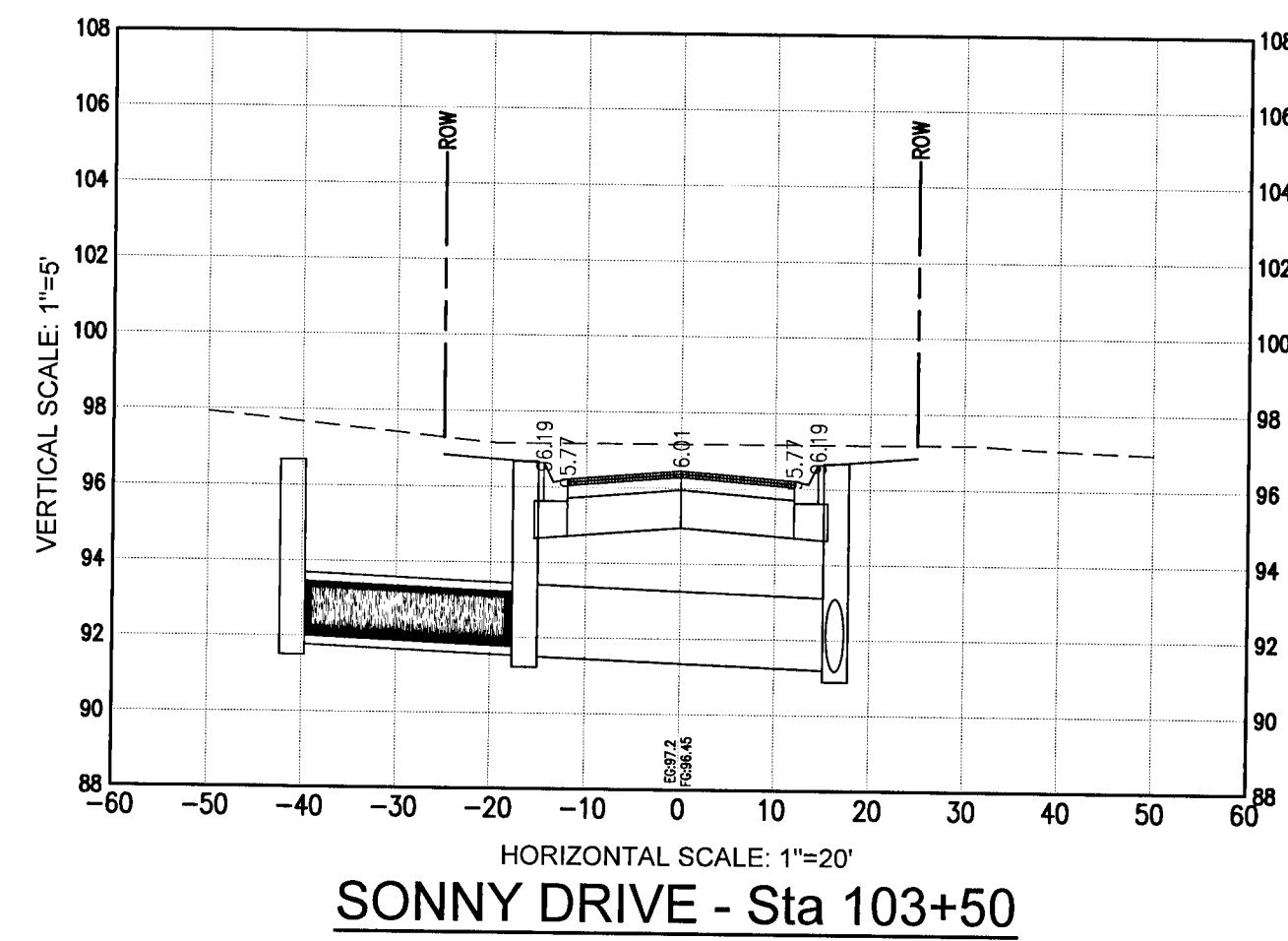
SONNY DRIVE - Sta 104+00



SONNY DRIVE - Sta 100+50



SONNY DRIVE - Sta 102+00

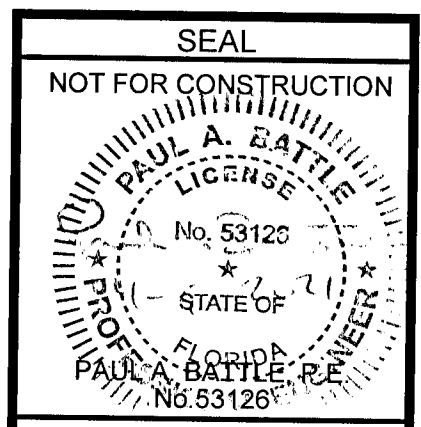


SONNY DRIVE - Sta 103+50

CROSS SECTIONS

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

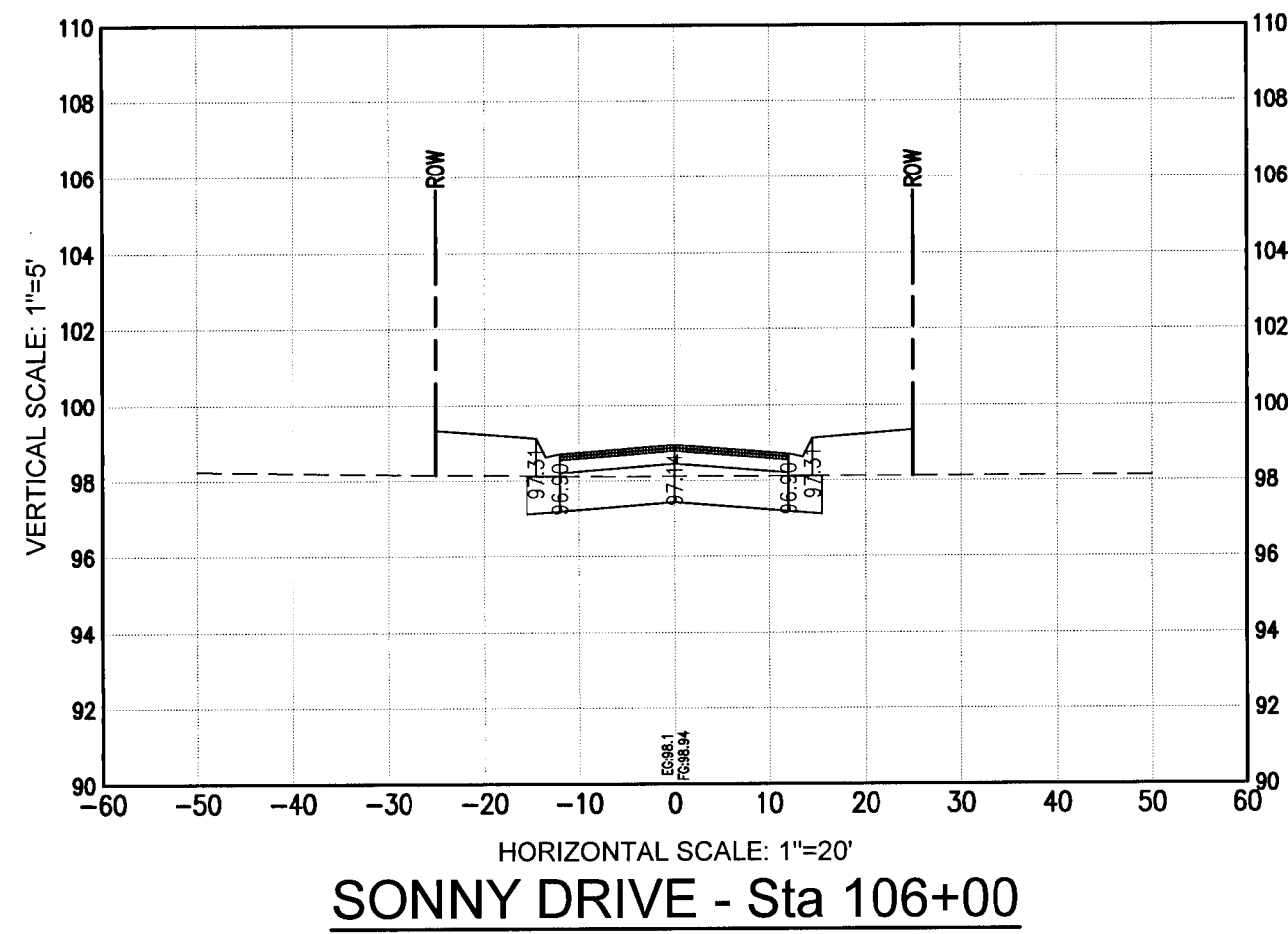
| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |



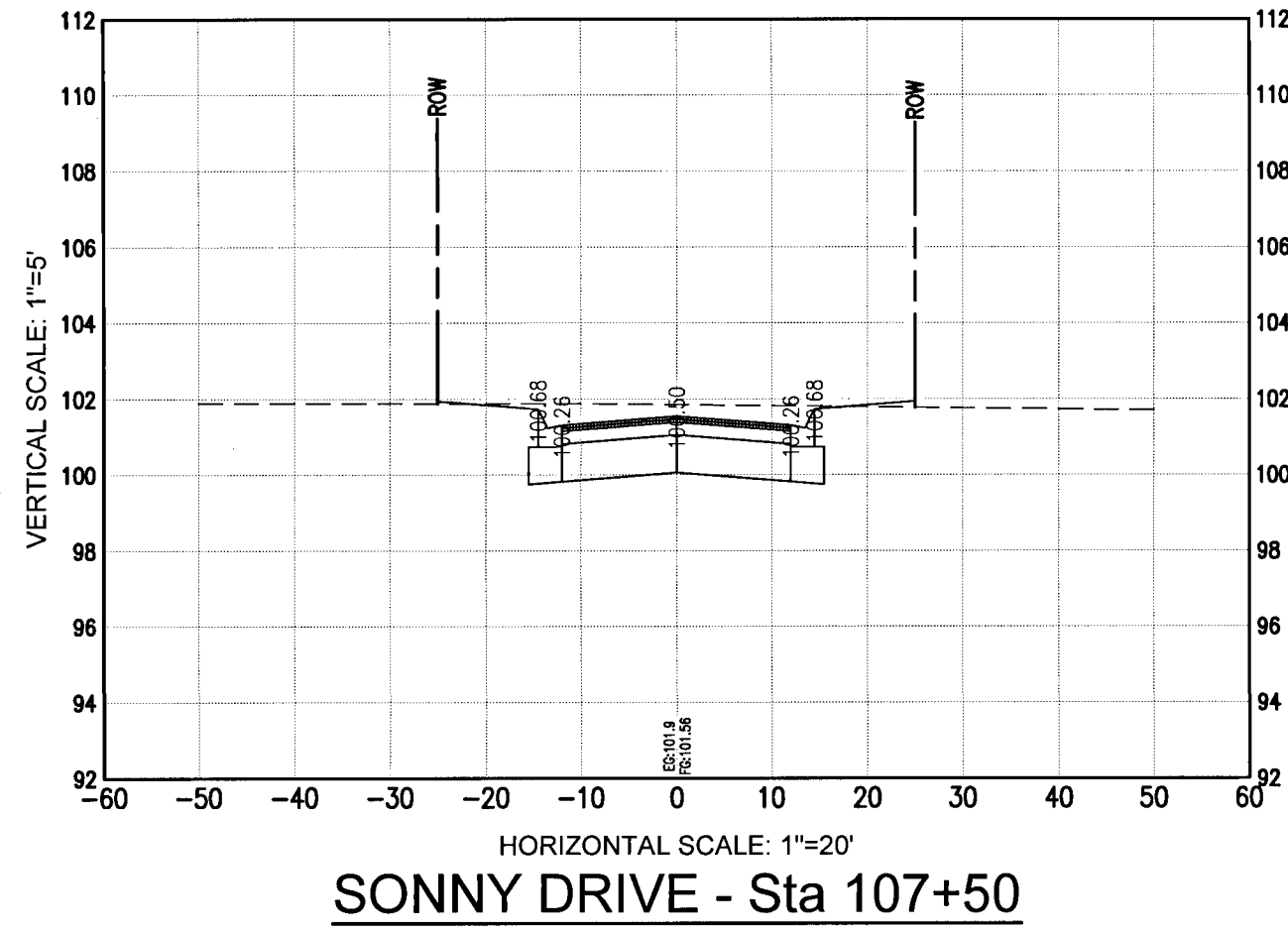
Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

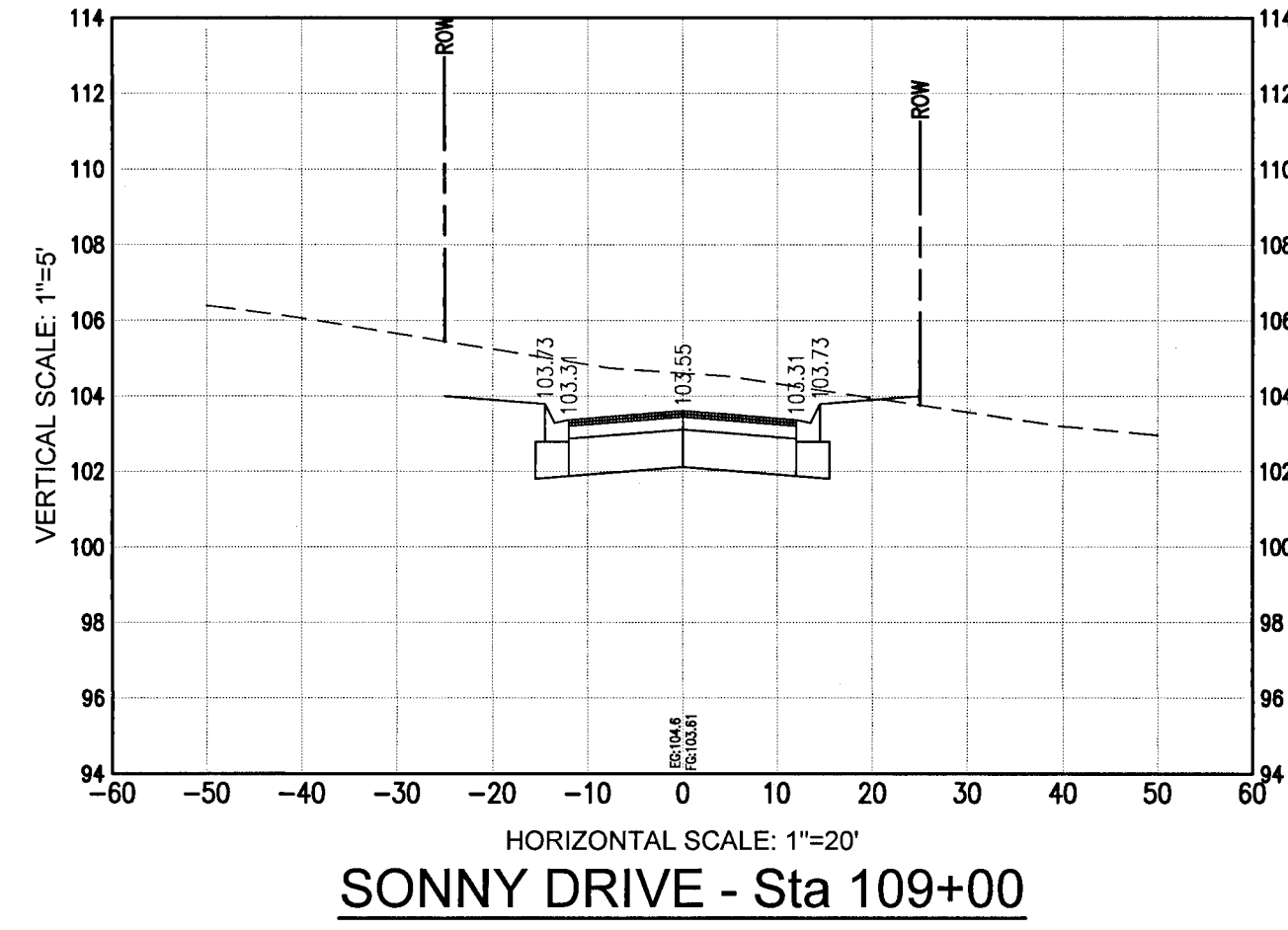
C6.0



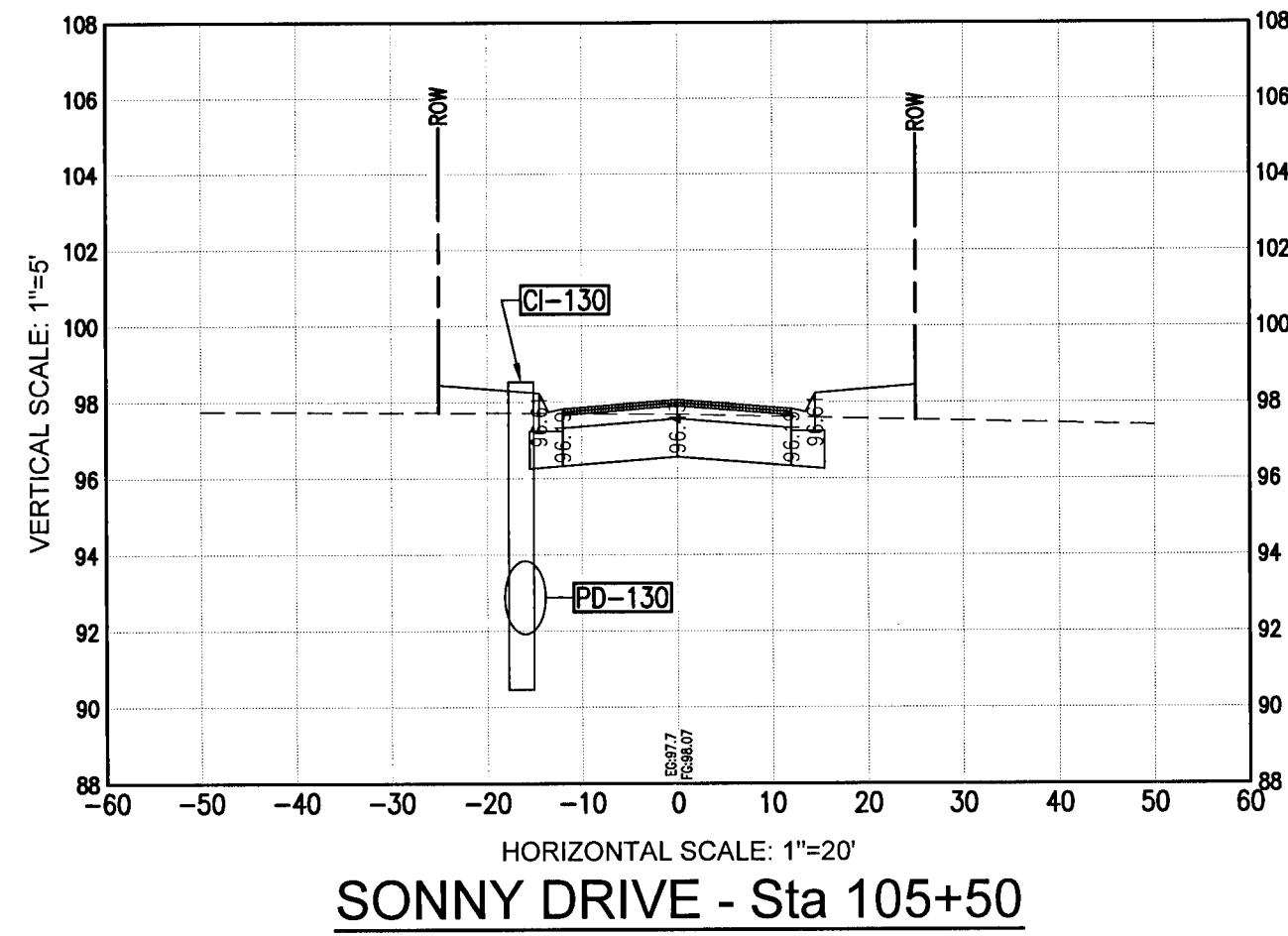
SONNY DRIVE - Sta 106+00



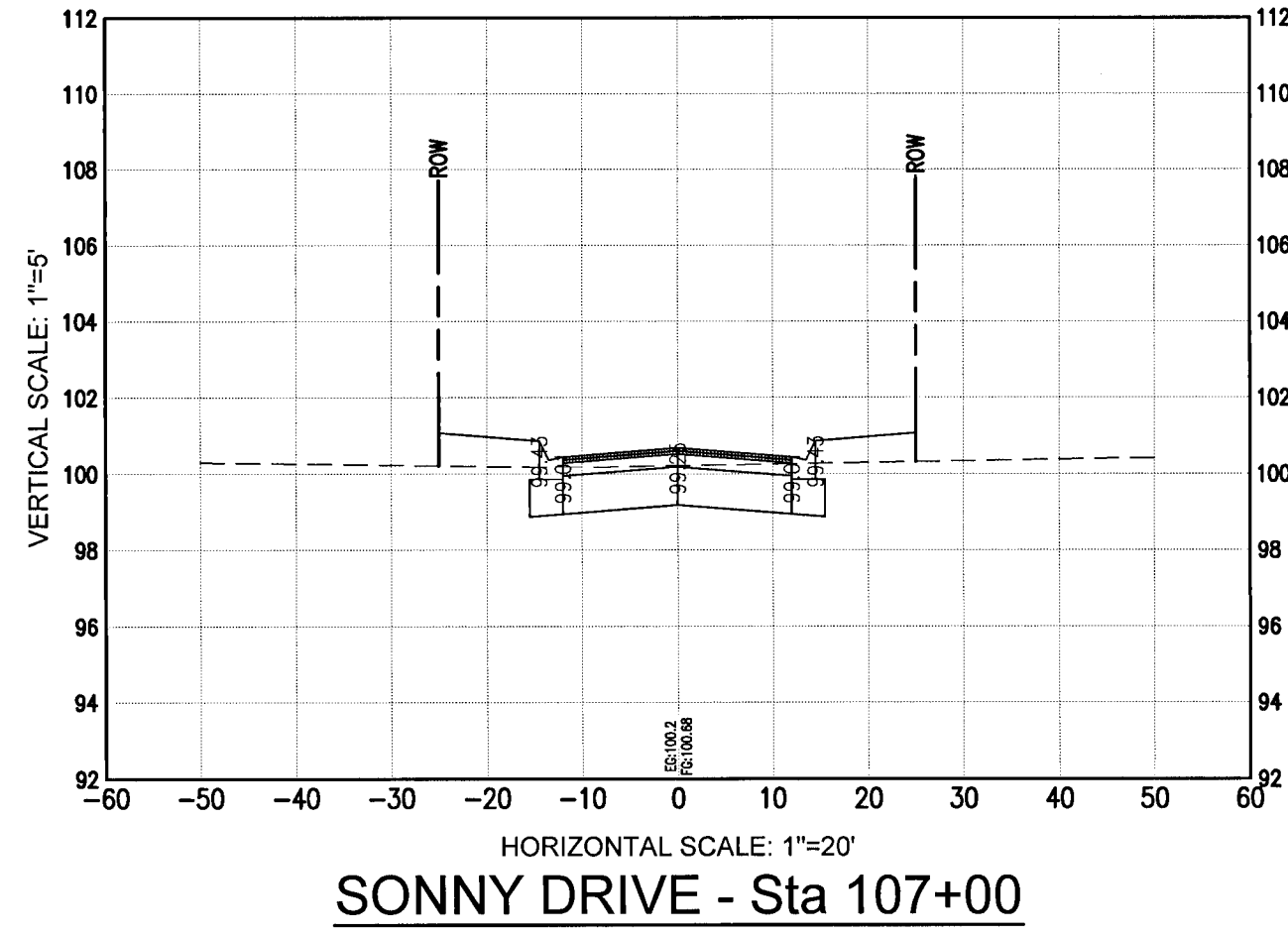
SONNY DRIVE - Sta 107+50



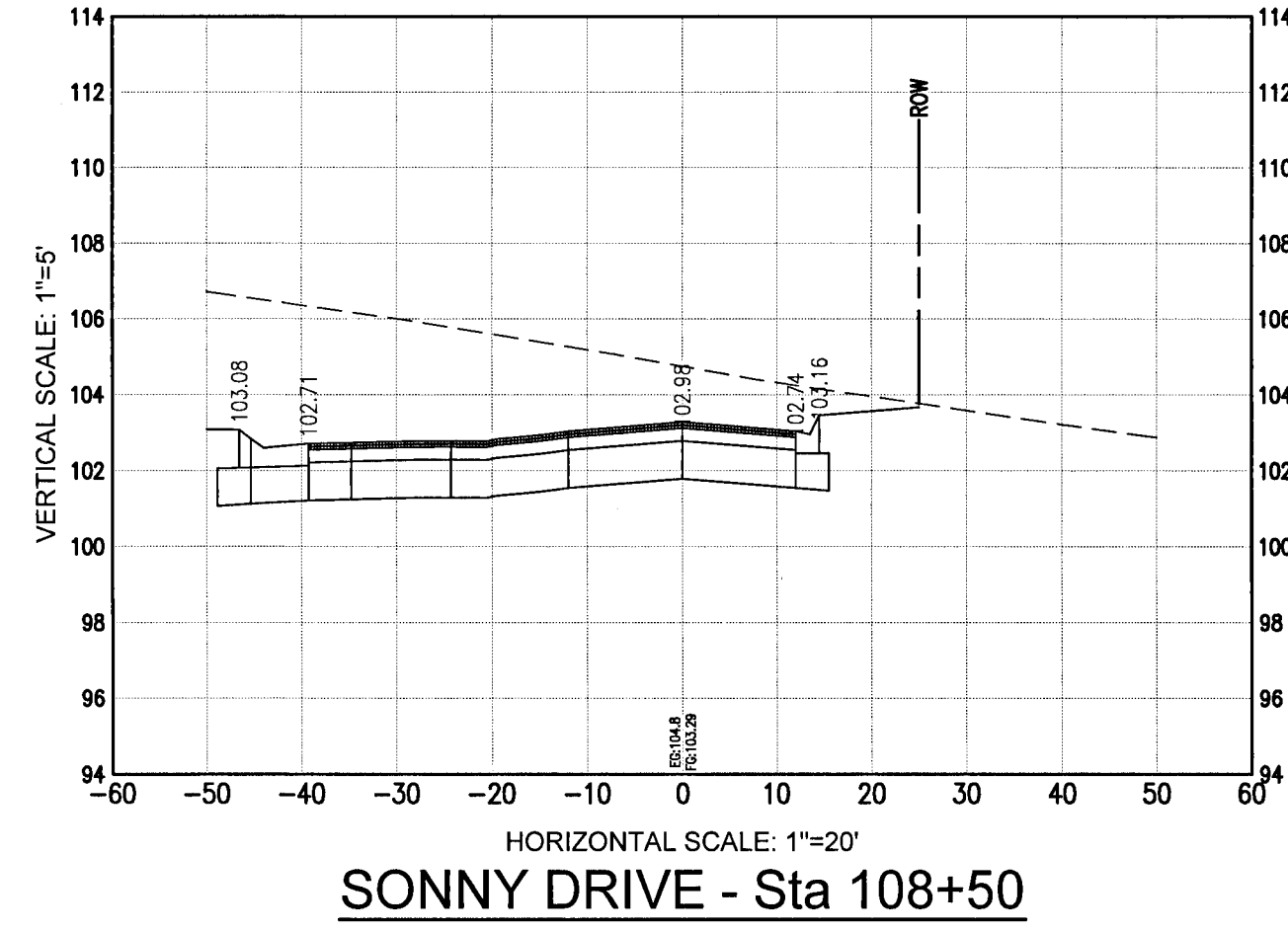
SONNY DRIVE - Sta 109+00



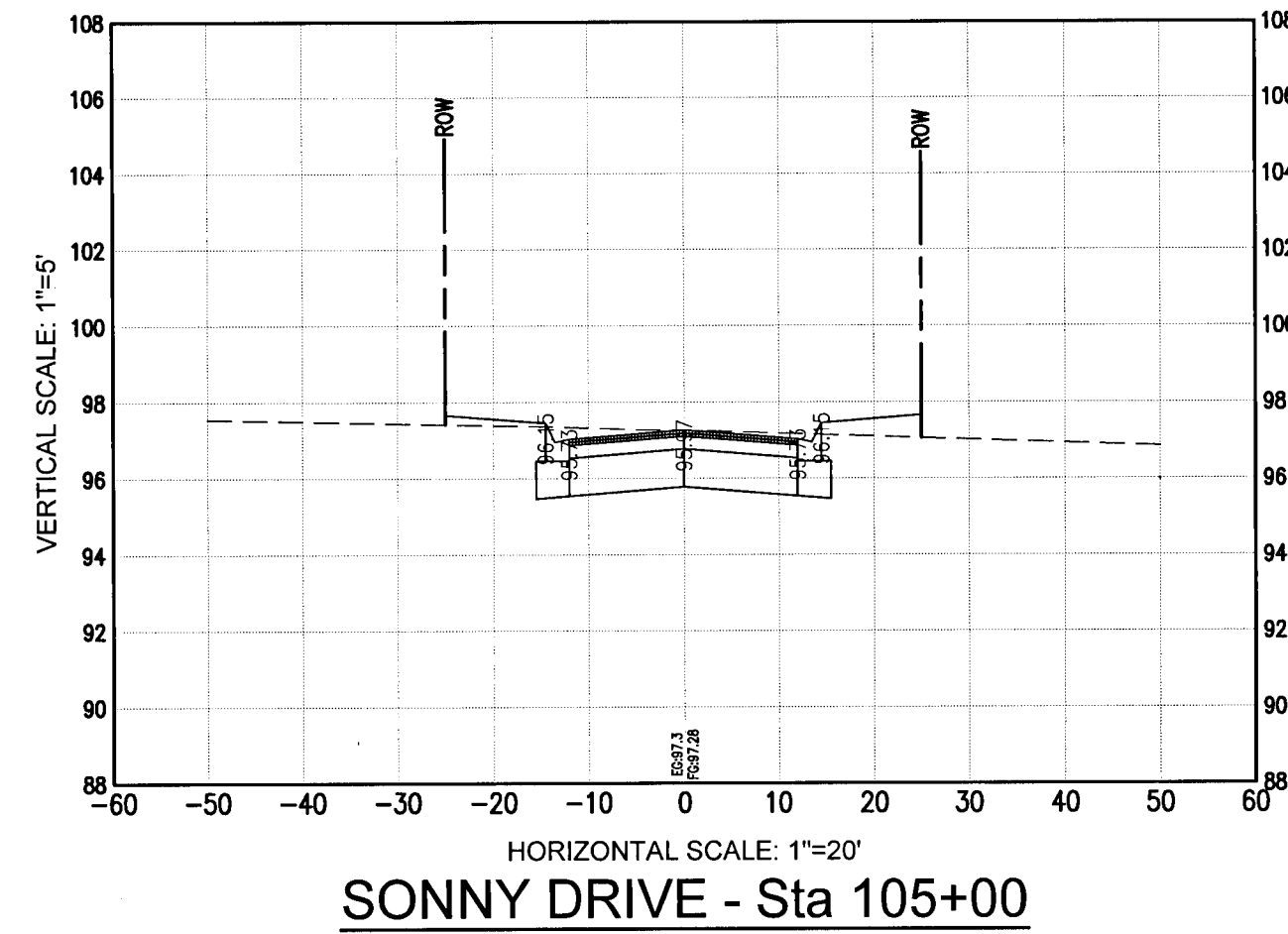
SONNY DRIVE - Sta 105+50



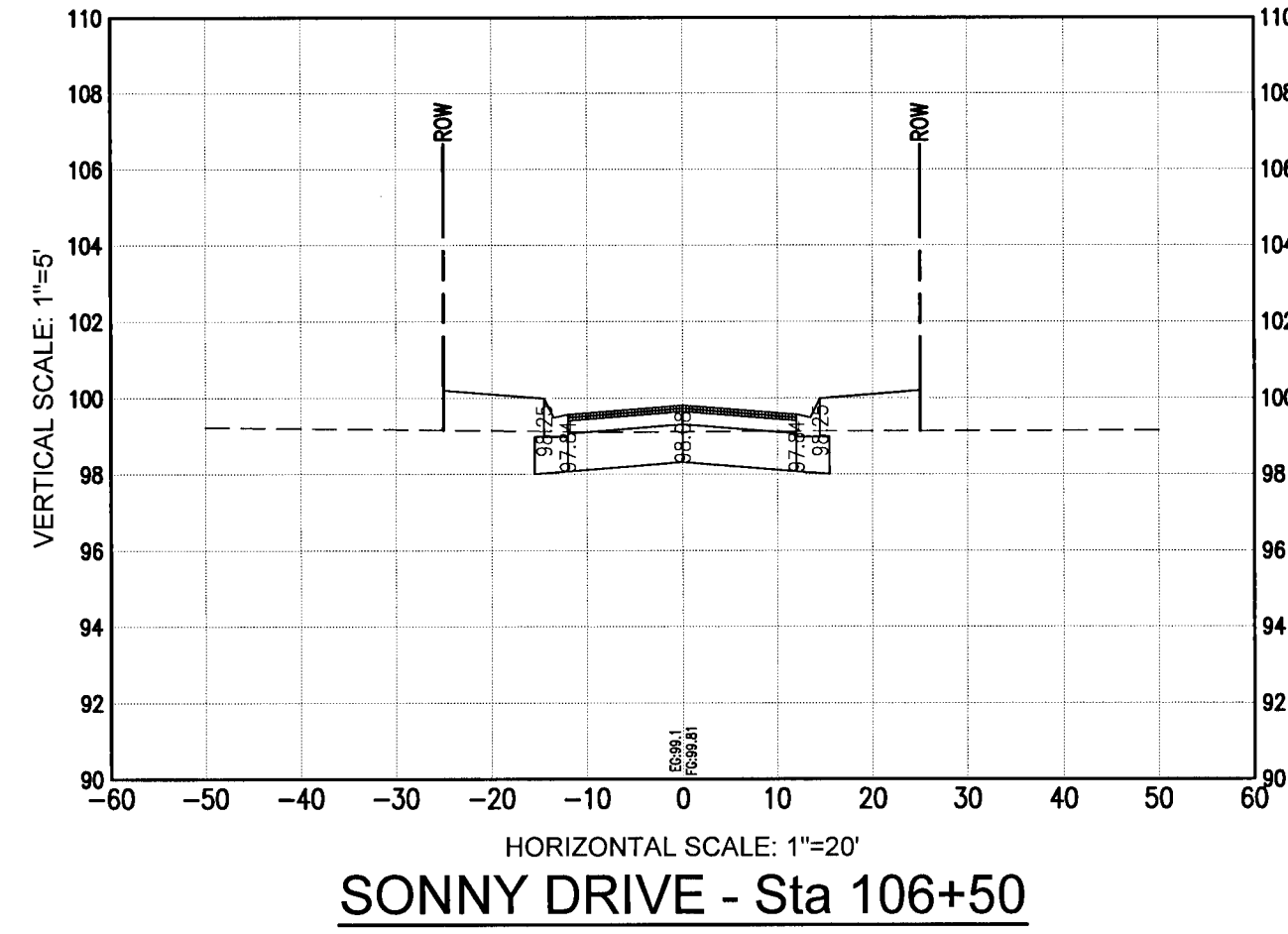
SONNY DRIVE - Sta 107+00



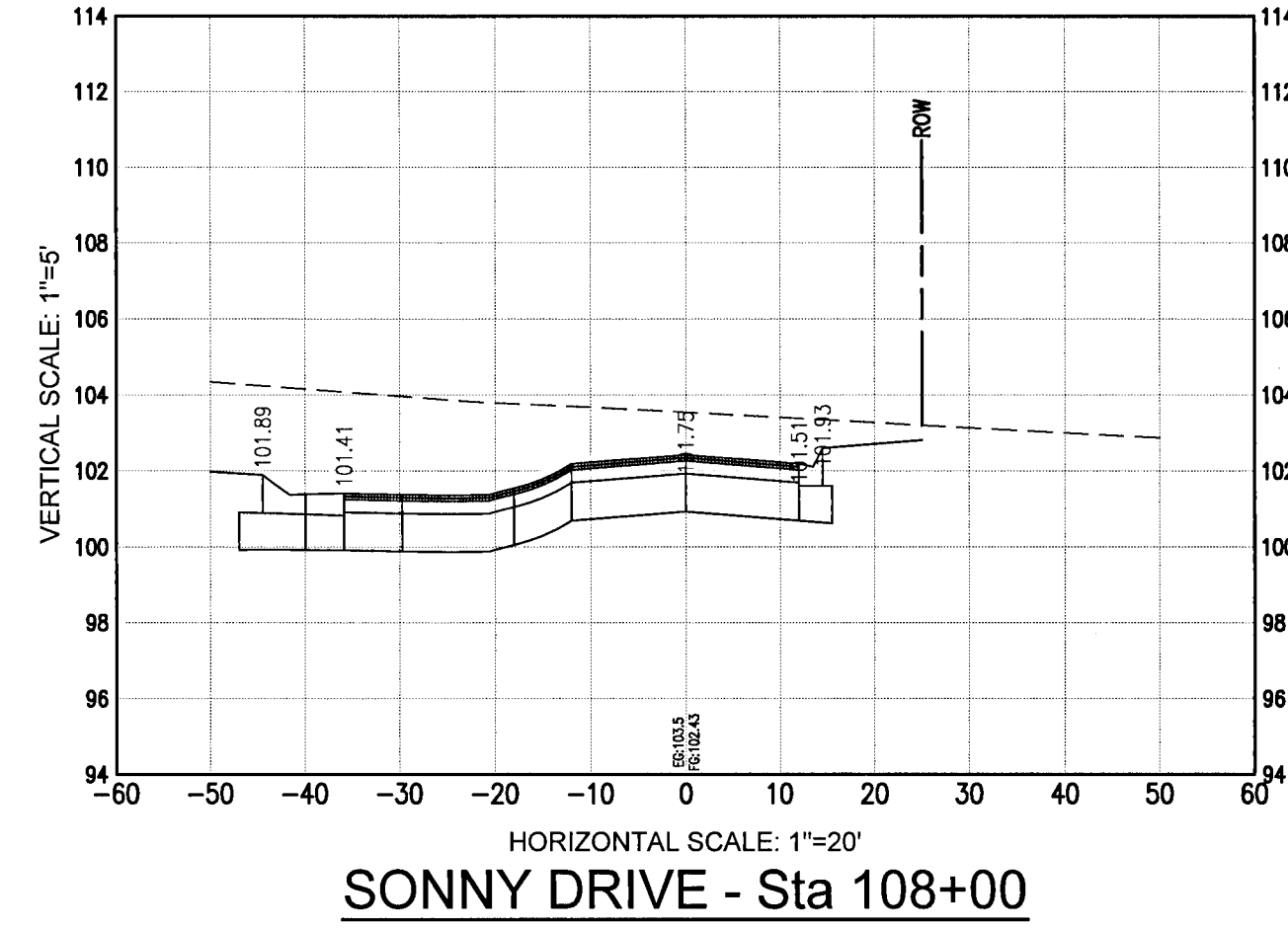
SONNY DRIVE - Sta 108+50



SONNY DRIVE - Sta 105+00



SONNY DRIVE - Sta 106+50

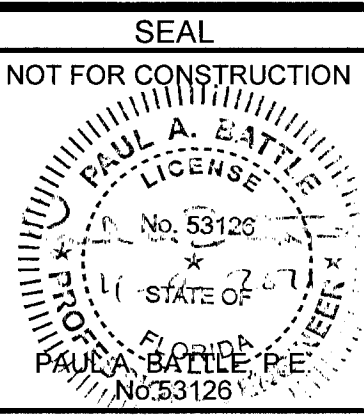


SONNY DRIVE - Sta 108+00

CROSS SECTIONS

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

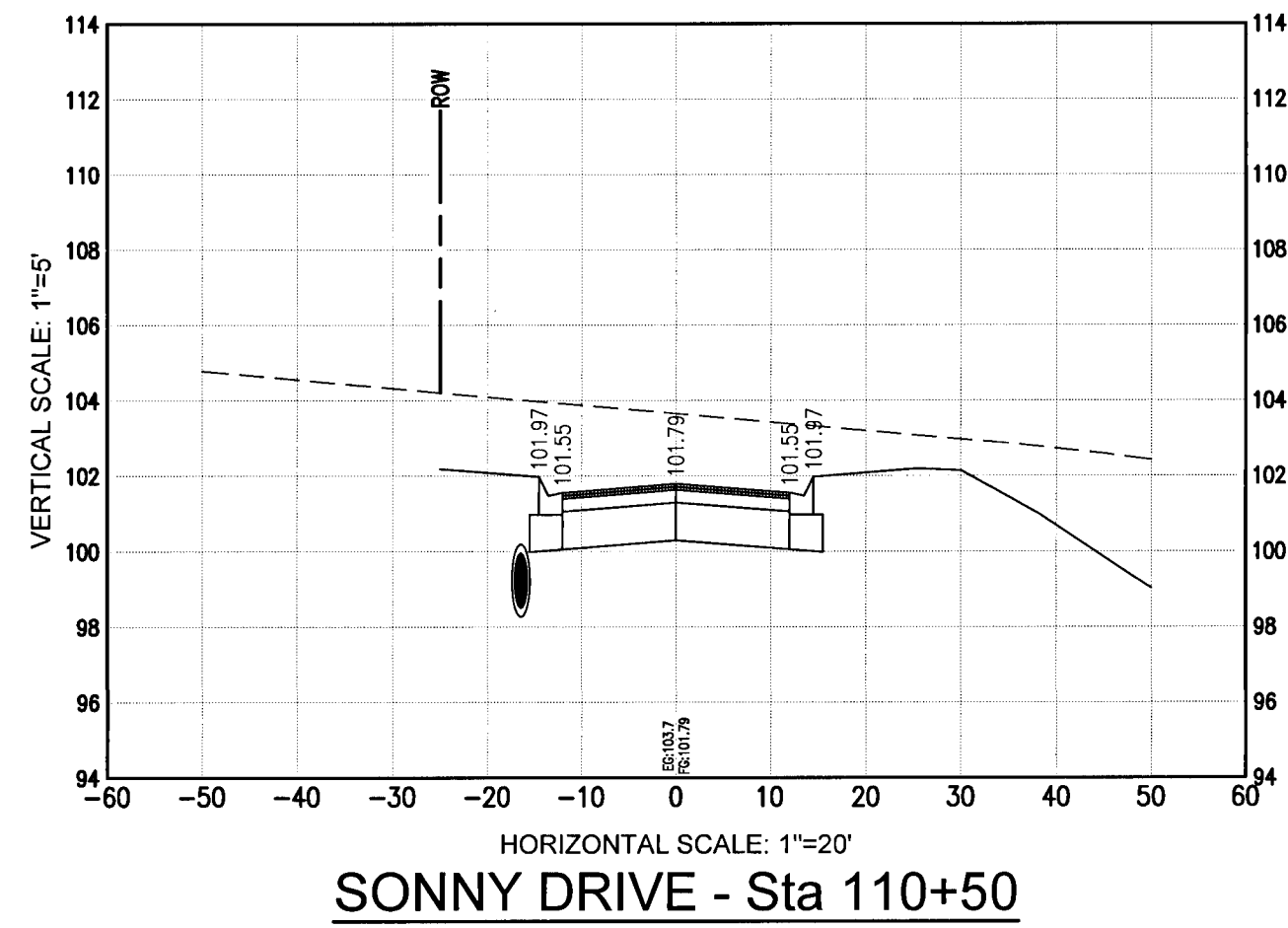
| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |



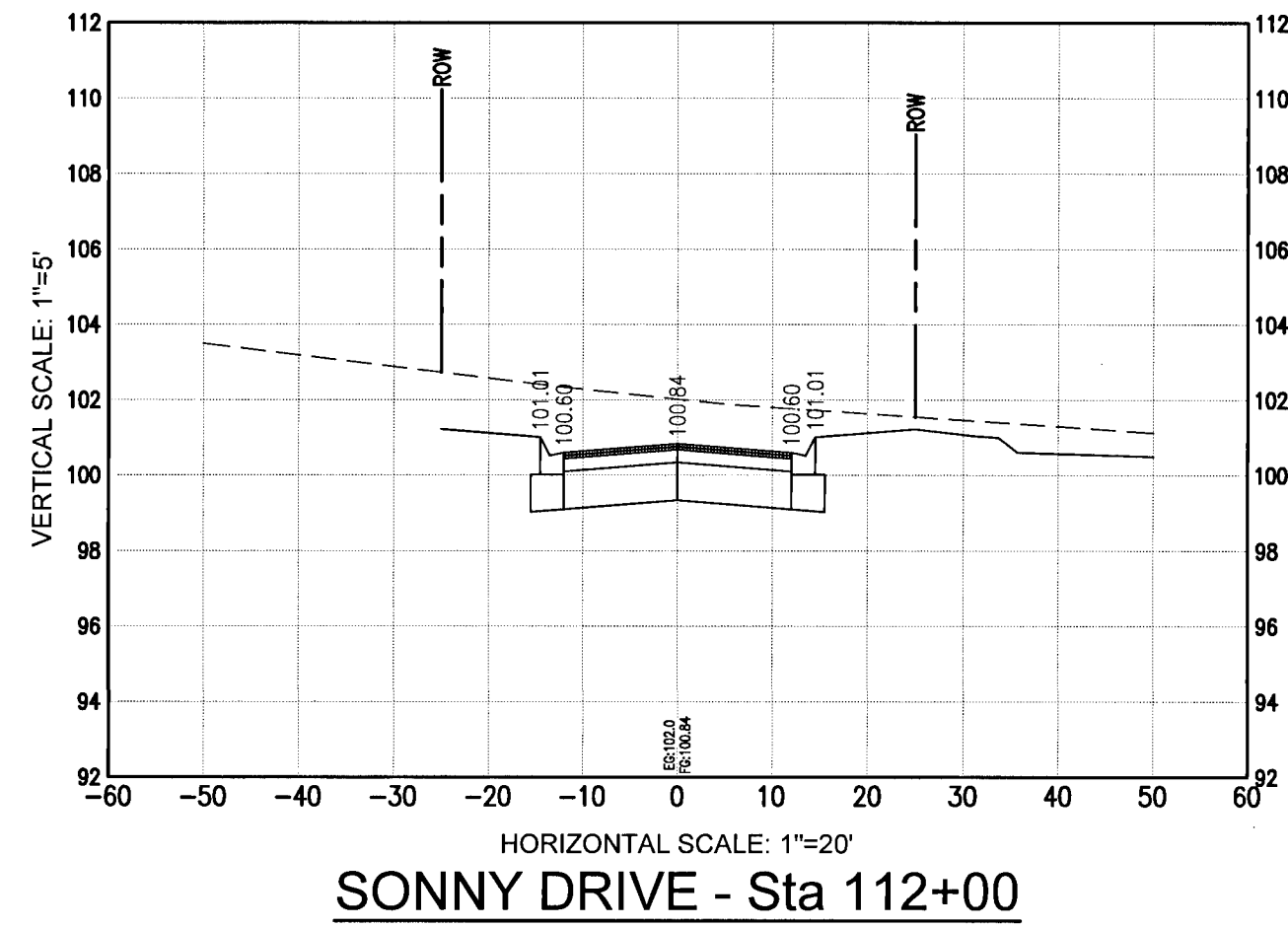
Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

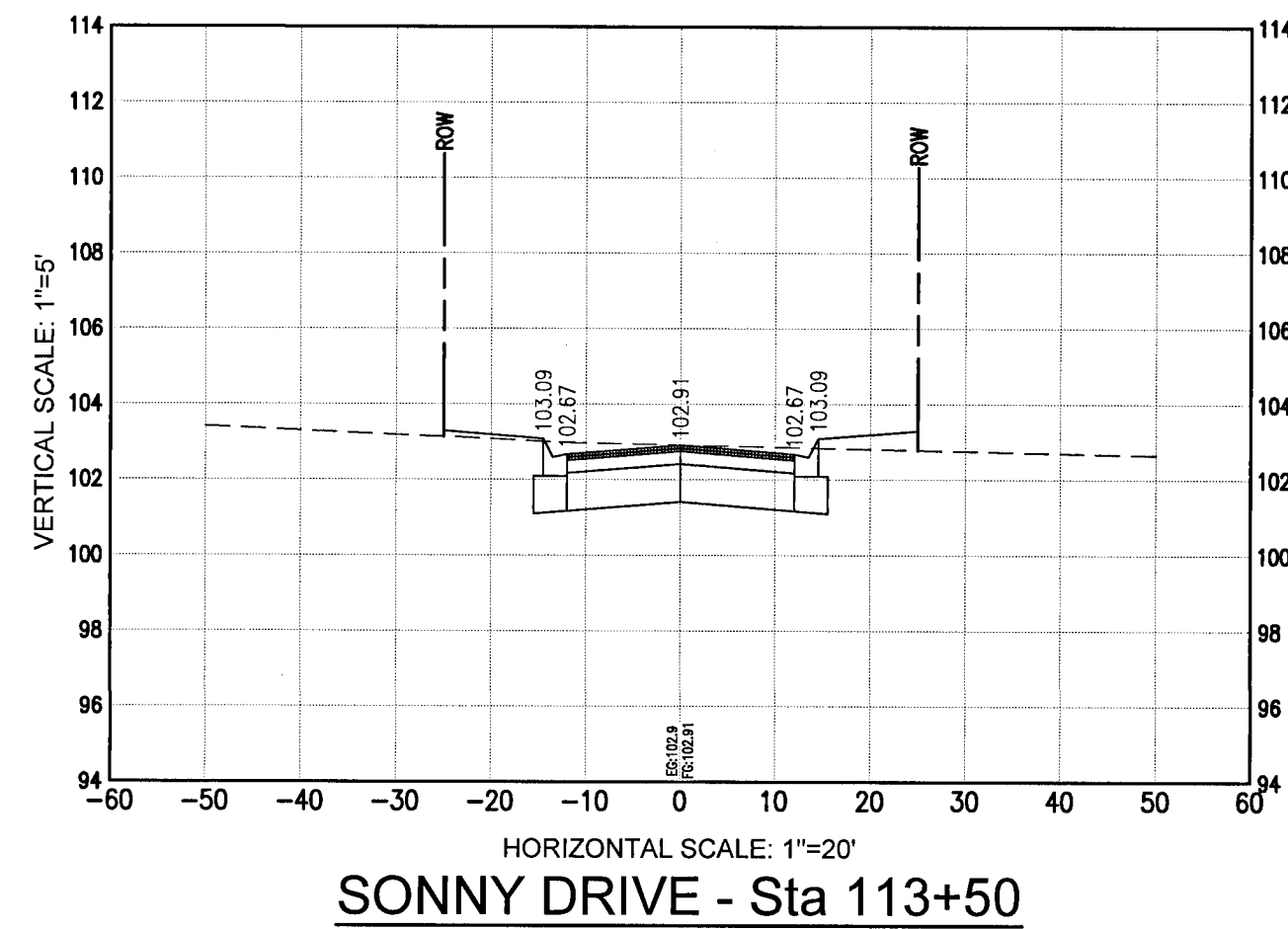
C6.1



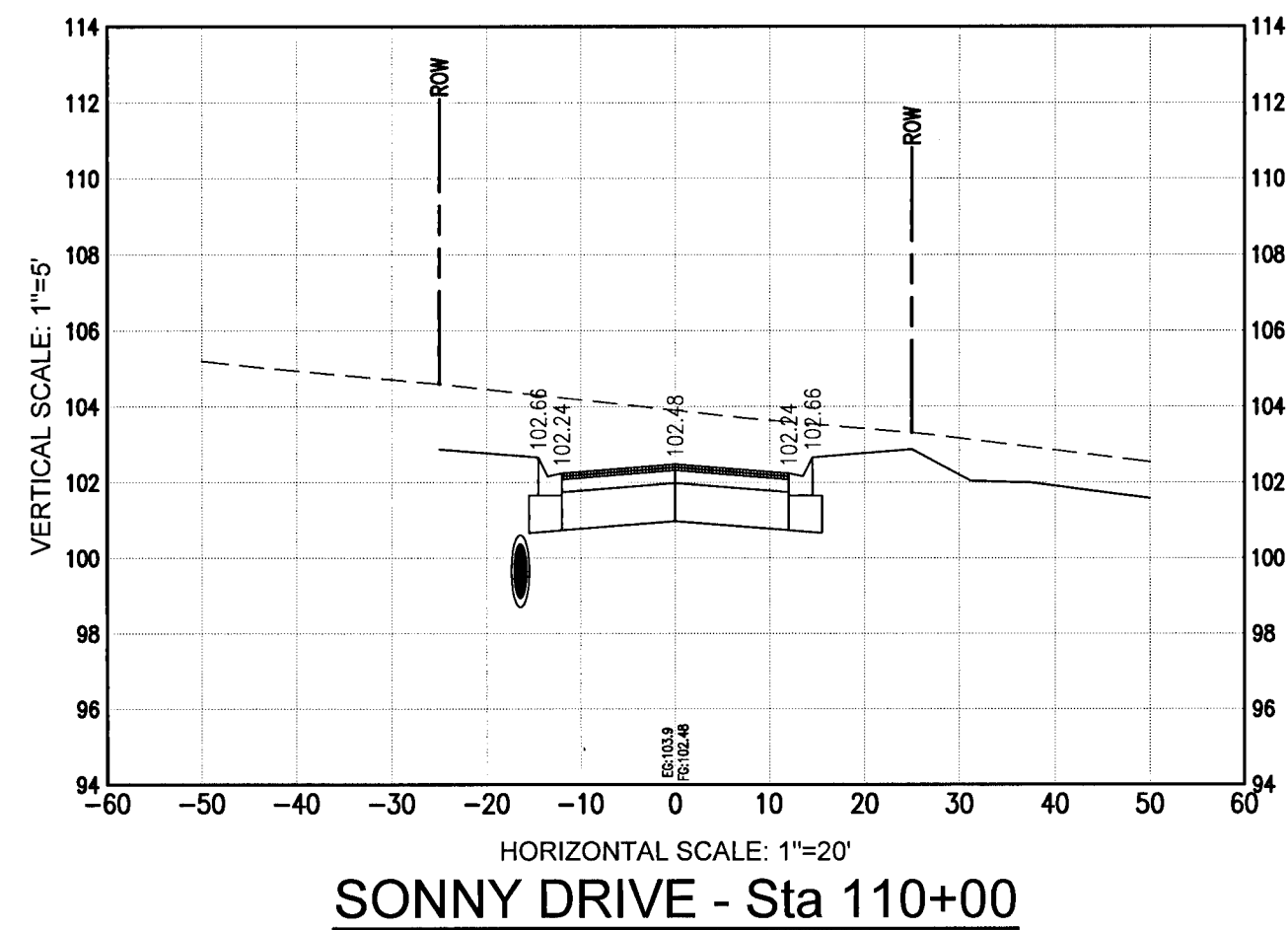
SONNY DRIVE - Sta 110+50



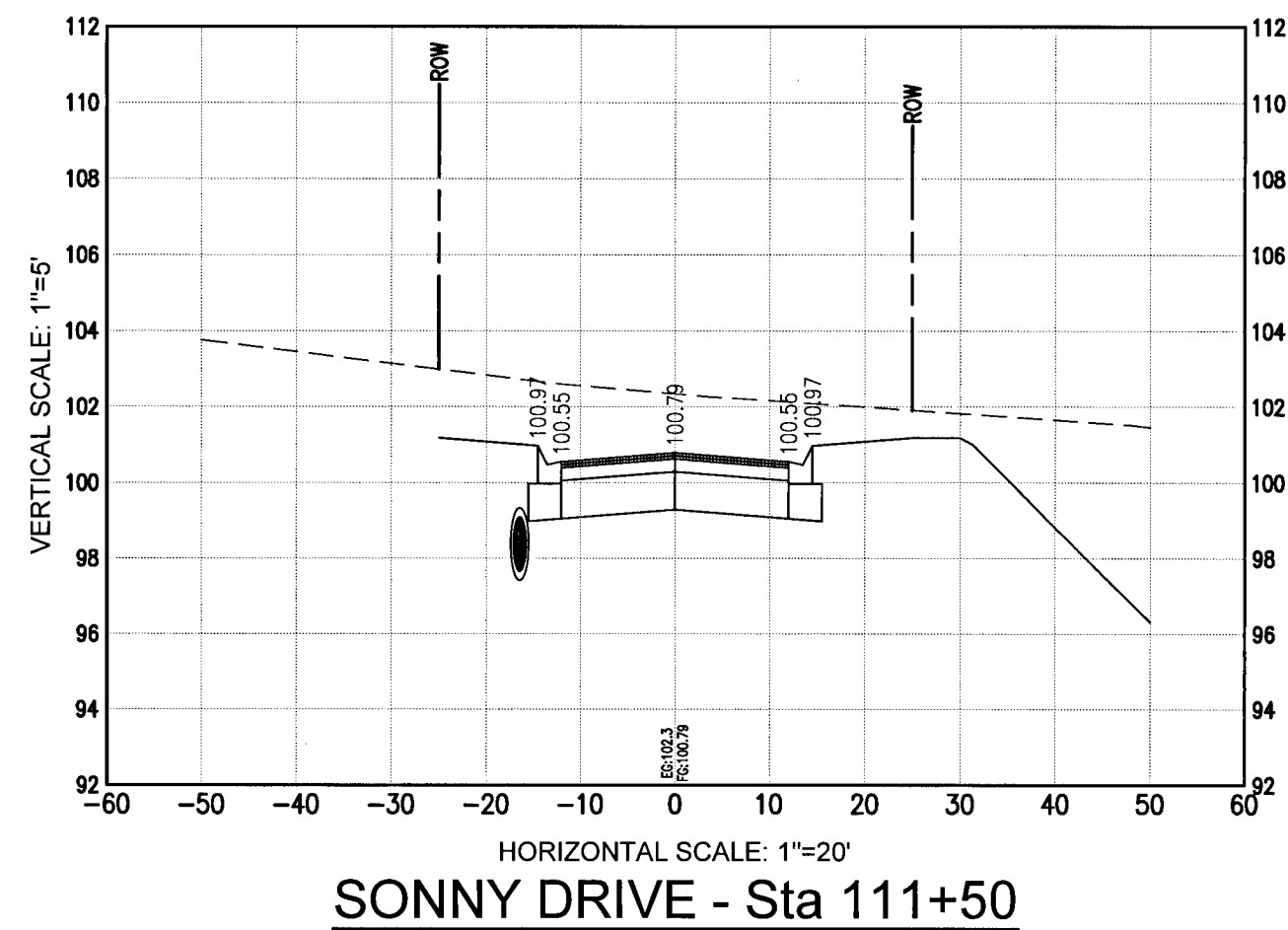
SONNY DRIVE - Sta 112+00



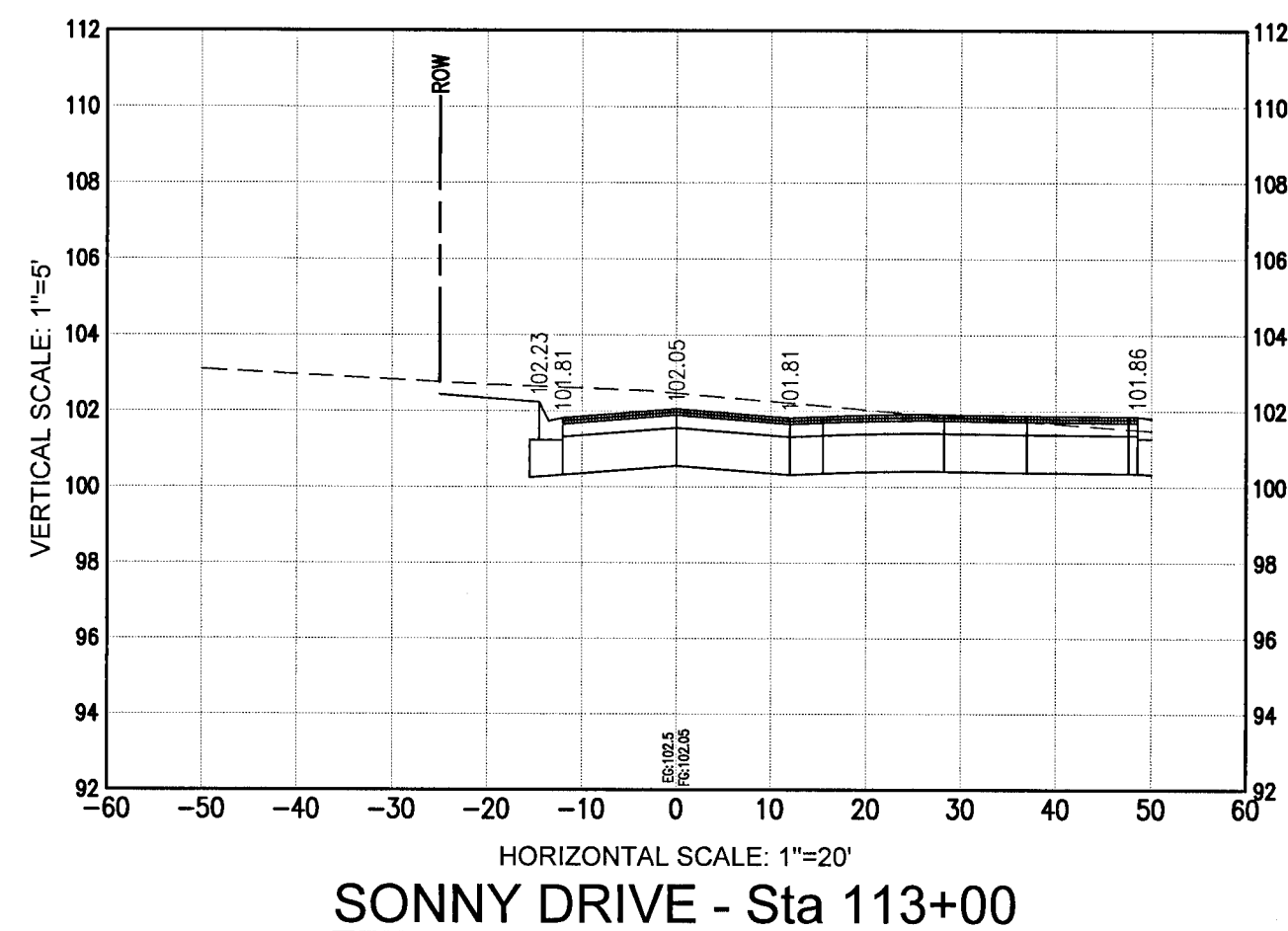
SONNY DRIVE - Sta 113+50



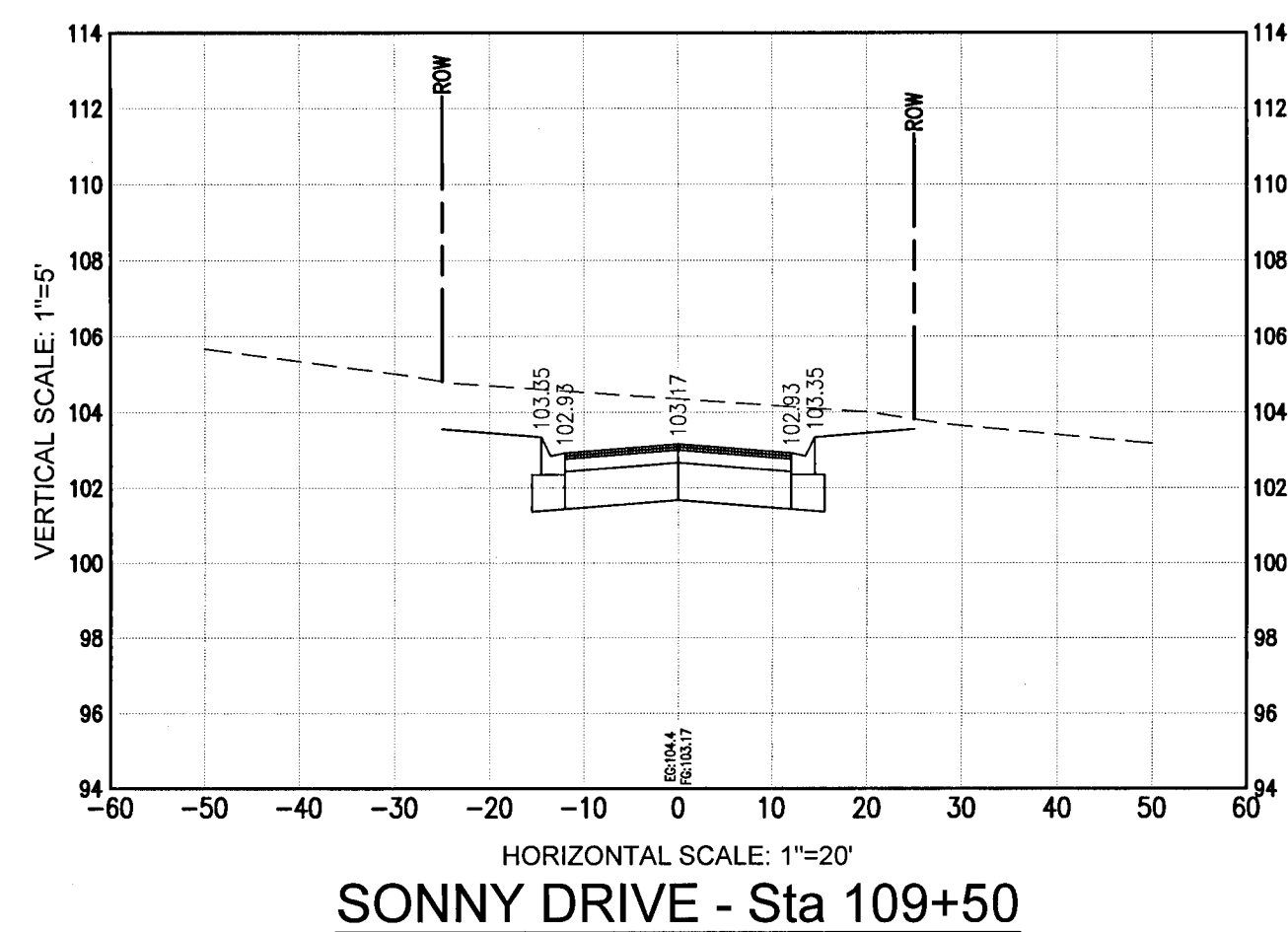
SONNY DRIVE - Sta 110+00



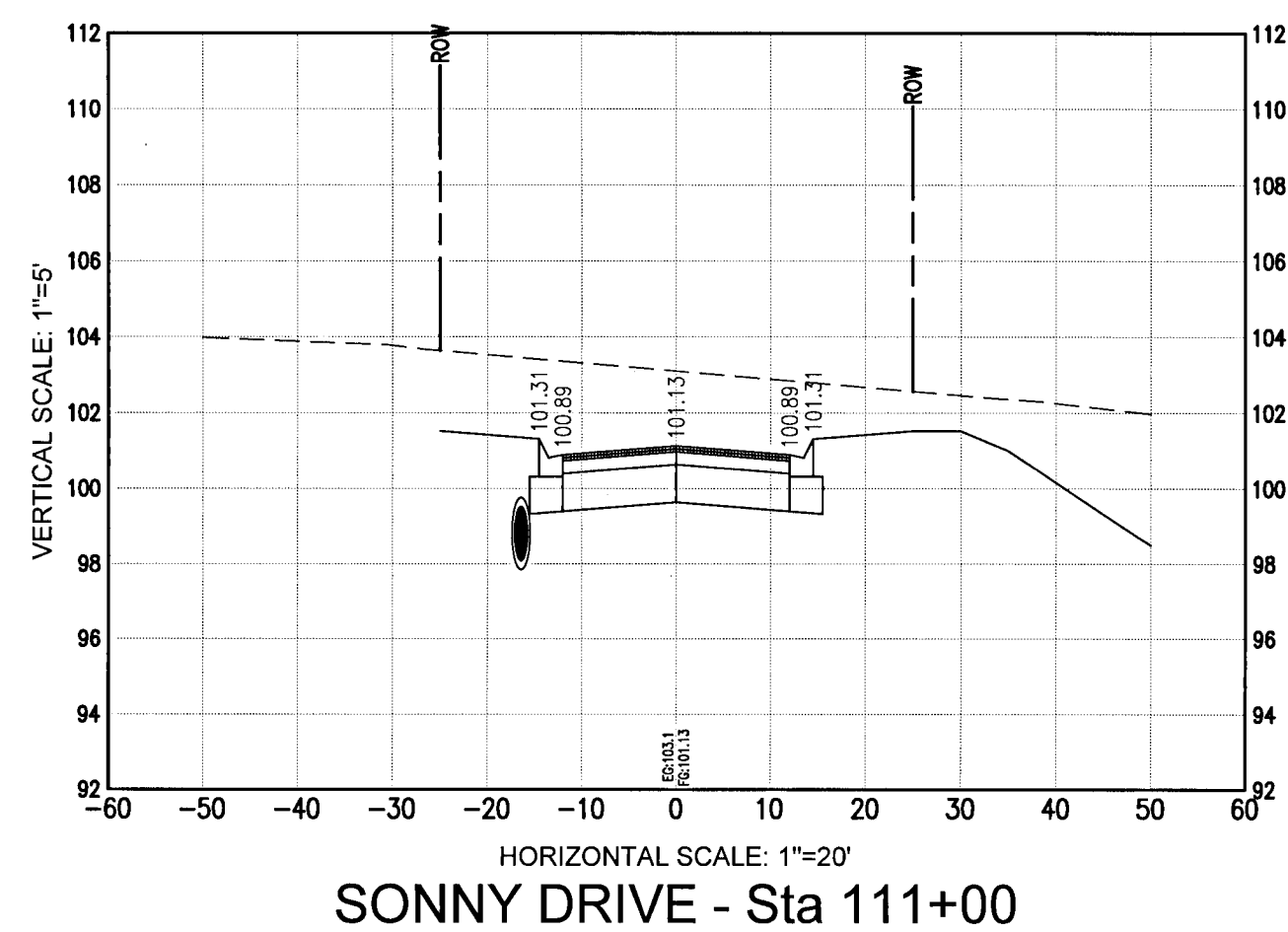
SONNY DRIVE - Sta 111+50



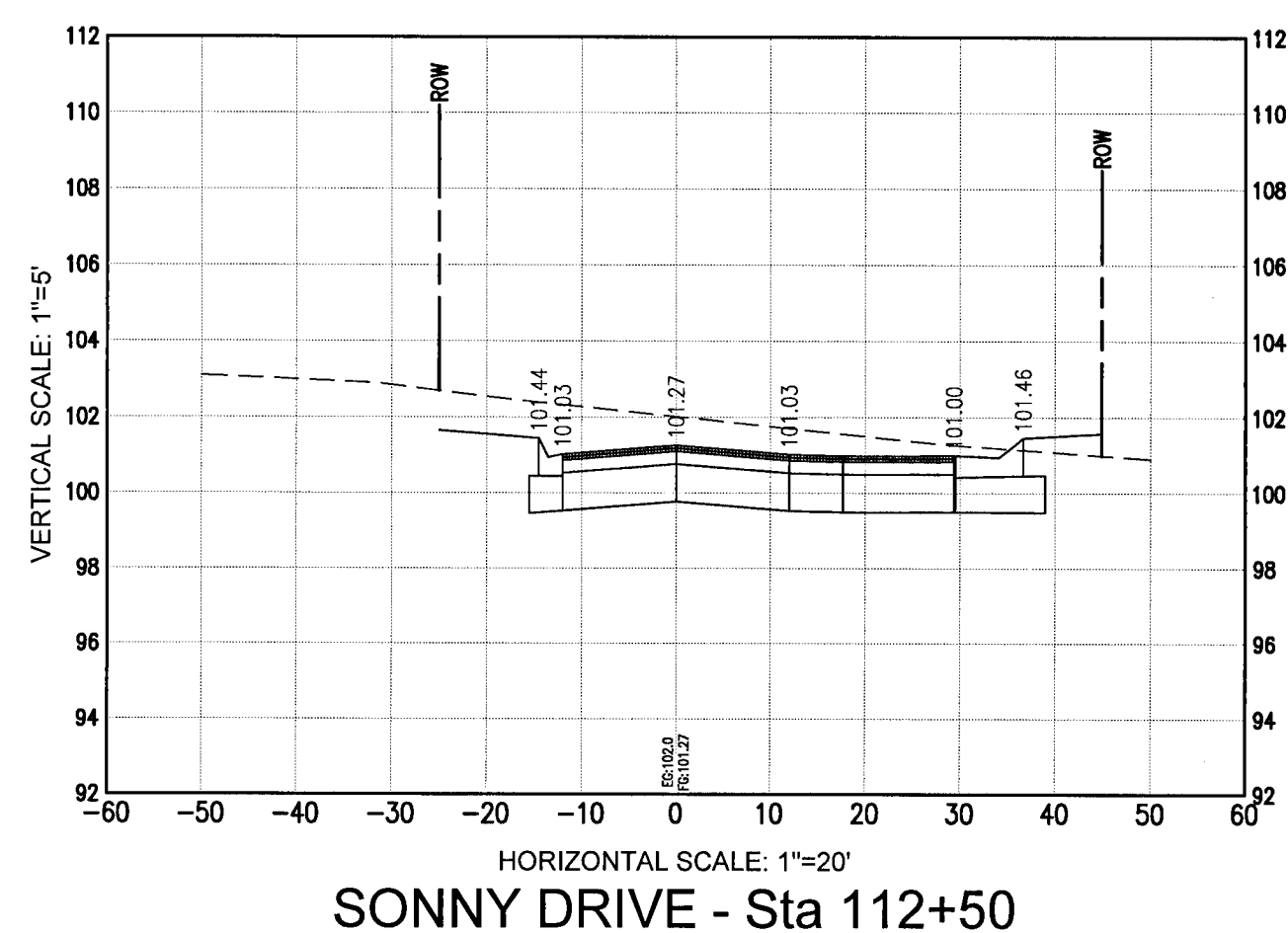
SONNY DRIVE - Sta 113+00



SONNY DRIVE - Sta 109+50



SONNY DRIVE - Sta 111+00



SONNY DRIVE - Sta 112+50

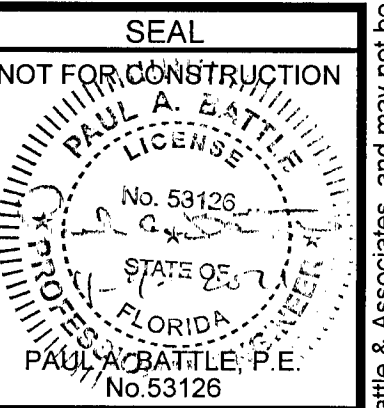


REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
E3 00000007

CROSS SECTIONS

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |

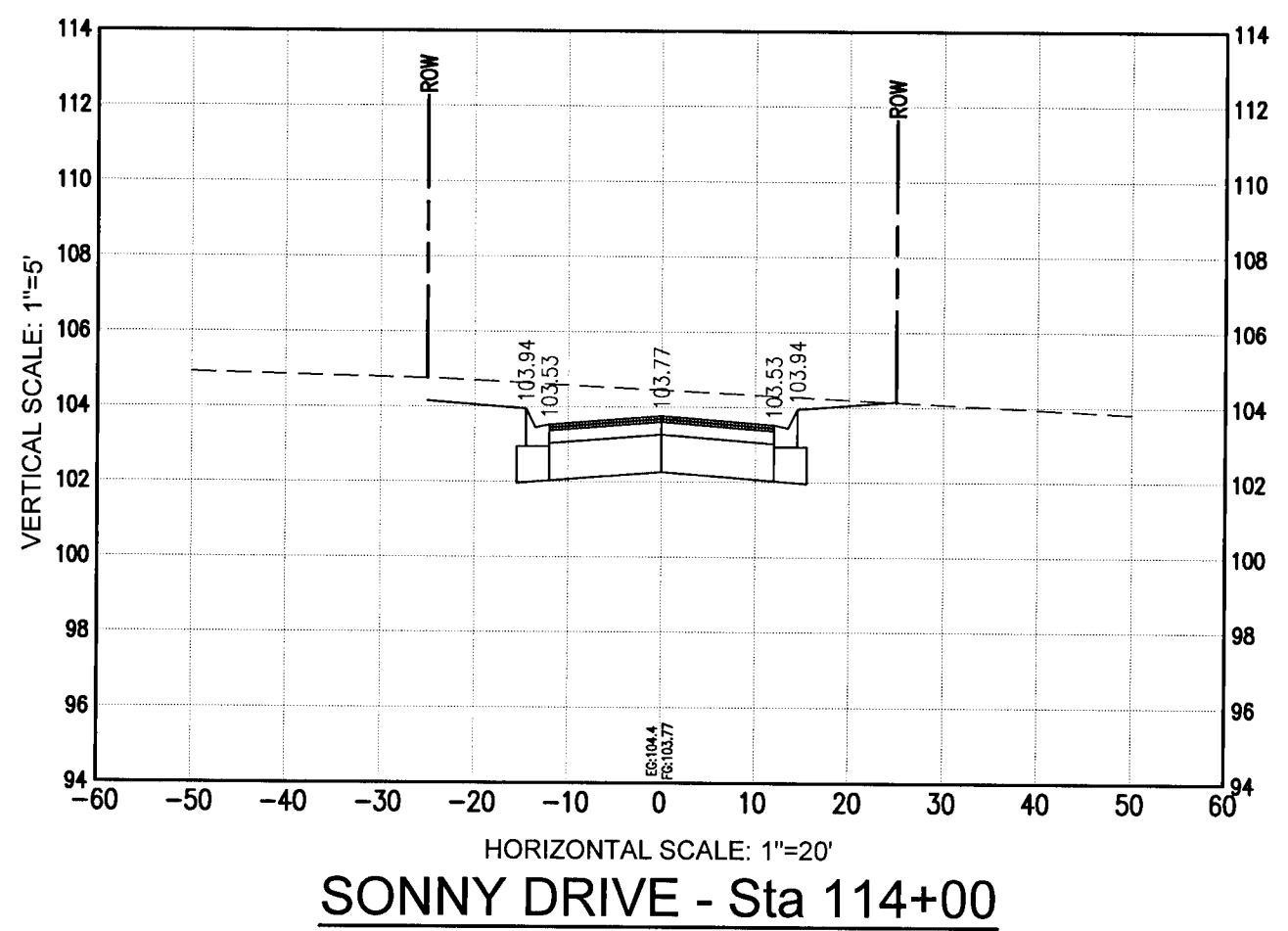
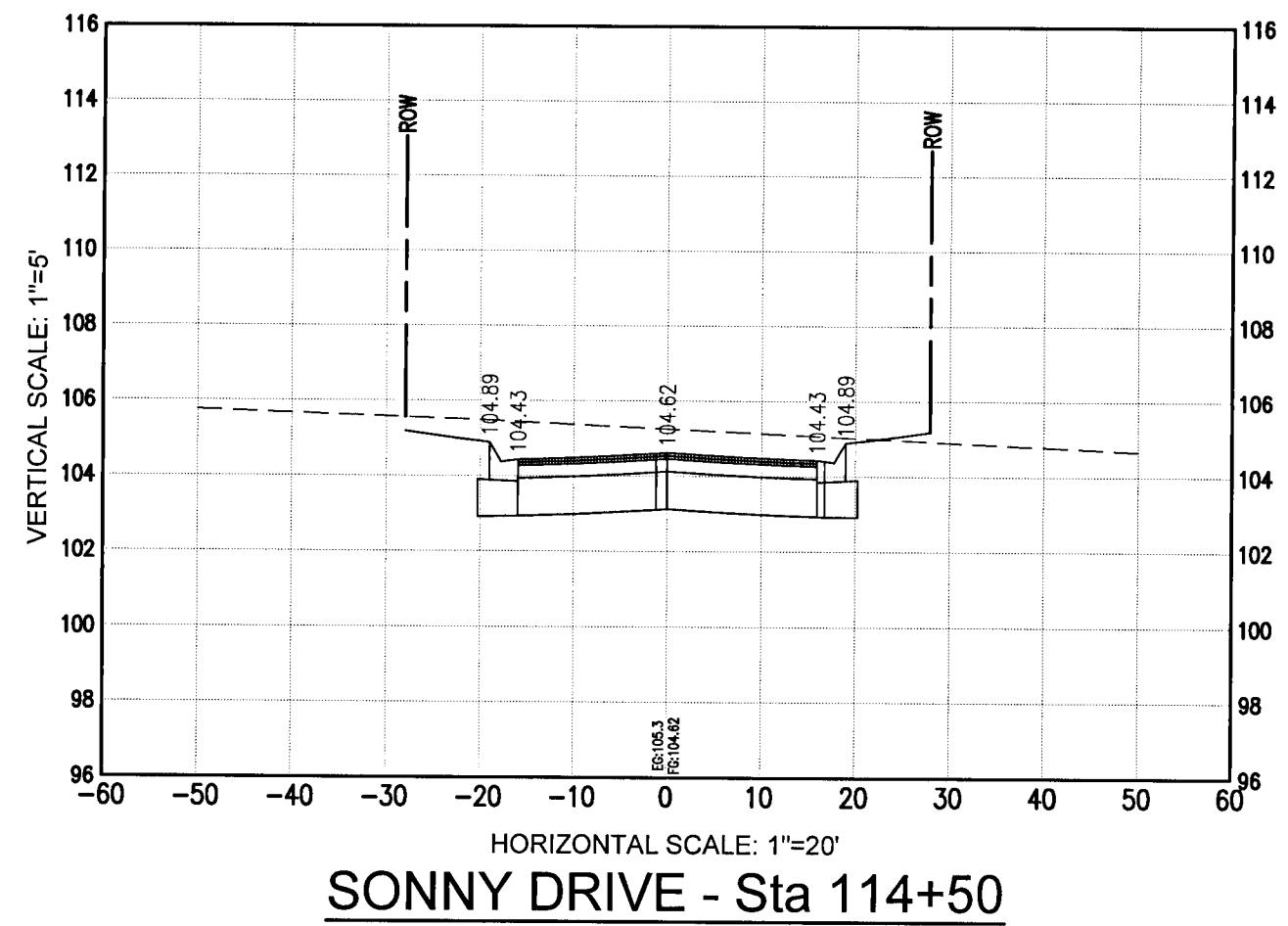
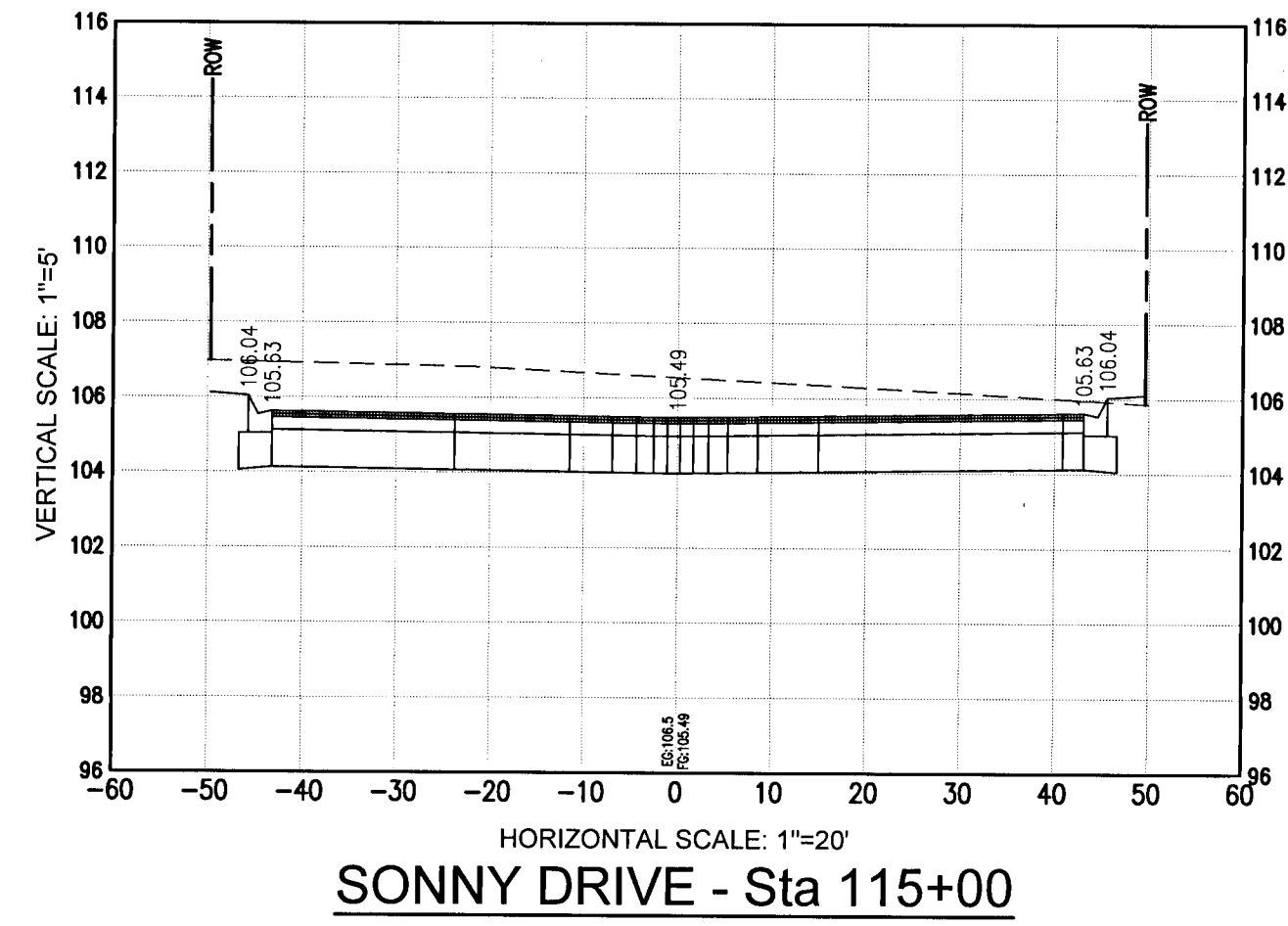


Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

C6.2

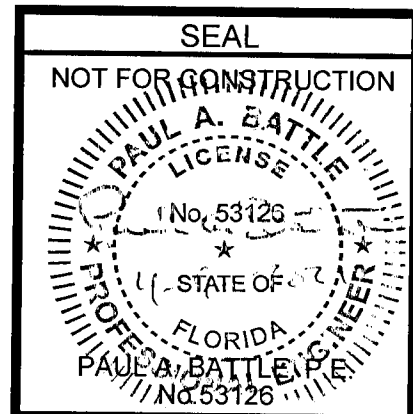
This drawing is the property of Rebol-Battle & Associates, and may not be reproduced without written permission.



CROSS SECTIONS

COMMANDERS COVE
A 66 LOT RESIDENTIAL SUBDIVISION
ESCAMBIA COUNTY, FLORIDA

| No. | DATE | REVISION |
|-----|------|----------|
| | | |
| | | |
| | | |
| | | |
| | | |



Dr. By: CBD
Ck By: PAB
Job No.: 2017.208
Date: 3/29/2021

DRAWING No.

C6.3

SHEET INDEX

| | |
|-----------|--|
| SHEET 1 | SITE INFORMATION, UTILITY SERVICE NOTES AND PROVIDERS, GENERAL NOTES |
| SHEET 2 | OVERALL SITE |
| SHEET 3-4 | SITE LAYOUTS |
| SHEET 5 | DETAILS |

SITE INFORMATION

PROPERTY REFERENCE No: 31-1S-30-1000-000-117, 31-1S-30-1000-000-116, 31-1S-30-1000-000-115,
31-1S-30-1000-000-114; 31-1S-30-2102-003-001, 31-1S-30-2102-002-001,
31-1S-30-2102-001-001, 31-1S-30-1901-020-004

PROPERTY ADDRESS: 1300 BLOCK LANSING DRIVE

TOTAL SITE AREA: 16.224 ACRES

TOTAL UPLAND AREA: 16.224 ACRES

ACREAGE & DENSITY: 4.07 LOTS / ACRE

ZONING DISTRICT: HDR

FUTURE LAND USE: MU-U (MIXED-USE URBAN)

PROPOSED MINIMUM LOT WIDTH: 40'

LOT WIDTH: FOR ANY NEW LOT WITH A MAJORITY OF ITS FRONTAGE ALONG THE OUTSIDE OF A STREET RIGHT-OF-WAY CURVE WHOSE RADIUS IS 100 FEET OR LESS, THE MINIMUM LOT WIDTH AT THE RIGHT-OF-WAY IS 40 PERCENT OF THE RADIUS LENGTH, BUT NOT LESS THAN 20 FEET. THE MINIMUM WIDTH FOR ALL OTHER NEW LOTS IS AS FOLLOWS:

BUILDING SETBACK REQUIREMENTS: FRONT AND REAR: 20' IN THE FRONT & 15' IN THE REAR.

SIDES: 10' OR 10% OF THE LOT WIDTH AT THE STREET RIGHT-OF-WAY, WHICHEVER IS LESS, BUT AT LEAST FIVE FEET. FOR STRUCTURES EXCEEDING 35 FEET ABOVE HIGHEST ADJACENT GRADE, AN ADDITIONAL TWO FEET FOR EACH ADDITIONAL TEN FEET IN HEIGHT, BUT NOT REQUIRED TO EXCEED 15 FEET.

| SITE ENVIRONMENTAL INFORMATION | |
|--|--------------|
| OVERALL SITE AREA | 16.224 ACRES |
| ACOE/NWFWD/ESCAMBIA COUNTY JURISDICTIONAL WETLANDS | 0 ACRES |
| WETLAND BUFFER | 0 ACRES |
| WETLAND BUFFER IMPACT | 0 ACRES |
| PROPOSED ADDITIONAL WETLAND BUFFER | 0 ACRES |
| AVERAGE WETLAND BUFFER WIDTH | 0 |
| WETLAND IMPACT | 0 ACRES |

UTILITY SERVICE NOTES:

POTABLE WATER/ FIRE PROTECTION:
ALL LOTS WILL BE SERVICED BY A 6" POTABLE WATER/ FIRE PROTECTION MAIN. THE POINT OF CONNECTION WILL BE THE EXISTING EXISTING 4" WATER MAIN ON THE NORTH SIDE OF LANSING DRIVE. ALL POTABLE WATER/ FIRE PROTECTION IMPROVEMENTS WILL BE OWNED AND MAINTAINED BY THE EMERALD COAST UTILITY AUTHORITY (ECUA).

SANITARY SEWER:
THE DEVELOPMENT WILL BE SERVICED BY A LOW PRESSURE FORCE MAIN SYSTEM. EACH HOME WILL HAVE ITS OWN GRINDER PUMP. ALL SEWER WILL BE CONVEYED TO AN EXISTING GRAVITY SYSTEM LOCATED ON BLOODWORTH LANE. THE FORCE MAIN WILL BE OWNED AND MAINTAINED BY ECUA. THE PUMPS AND LATERALS WILL BE PRIVATE AND OWNED BY EACH HOME OWNER. THE POINT OF CONNECTION WILL BE AN EXISTING MANHOLE ON BLOODWORTH LANE. ALL SEWER IMPROVEMENTS WITHIN IN RIGHT-OF-WAY OR ON EMERALD COAST UTILITY AUTHORITY (ECUA) OWNED PARCELS WILL BE OWNED AND MAINTAINED BY THE ECUA.

STORM SEWER:
AFTER RECEIVING ALL NWFWD/FDEP AND ESCAMBIA COUNTY APPROVALS, THE DEVELOPER WILL INSTALL A STORMWATER SYSTEM COMPRISED OF GRASSSED SWALES, INLETS, PIPING, AND STORMWATER PONDS. ALL STORMWATER IMPROVEMENTS WILL BE OWNED AND MAINTAINED BY HOME OWNER'S ASSOCIATION.

ELECTRIC, GAS, TELEPHONE, CABLE TELEVISION:
THESE SERVICES WILL BE INSTALLED AND MAINTAINED BY THE ASSOCIATED UTILITY COMPANY.

UTILITY SERVICE PROVIDERS:

AT&T, INC.
605 W. GARDEN ST.
PENSACOLA, FL 32501

GULF POWER
ONE ENERGY PLACE
PENSACOLA, FL 32520-0047

ECUA
ENGINEERING DEPARTMENT
9300 STURDEVANT STREET
PENSACOLA, FL 32514-0311

COX CABLE
3405 McLEMORE DR.
PENSACOLA, FLORIDA 32514

ENERGY SERVICES GAS
1625 ATWOOD DRIVE
PENSACOLA, FLORIDA 32504

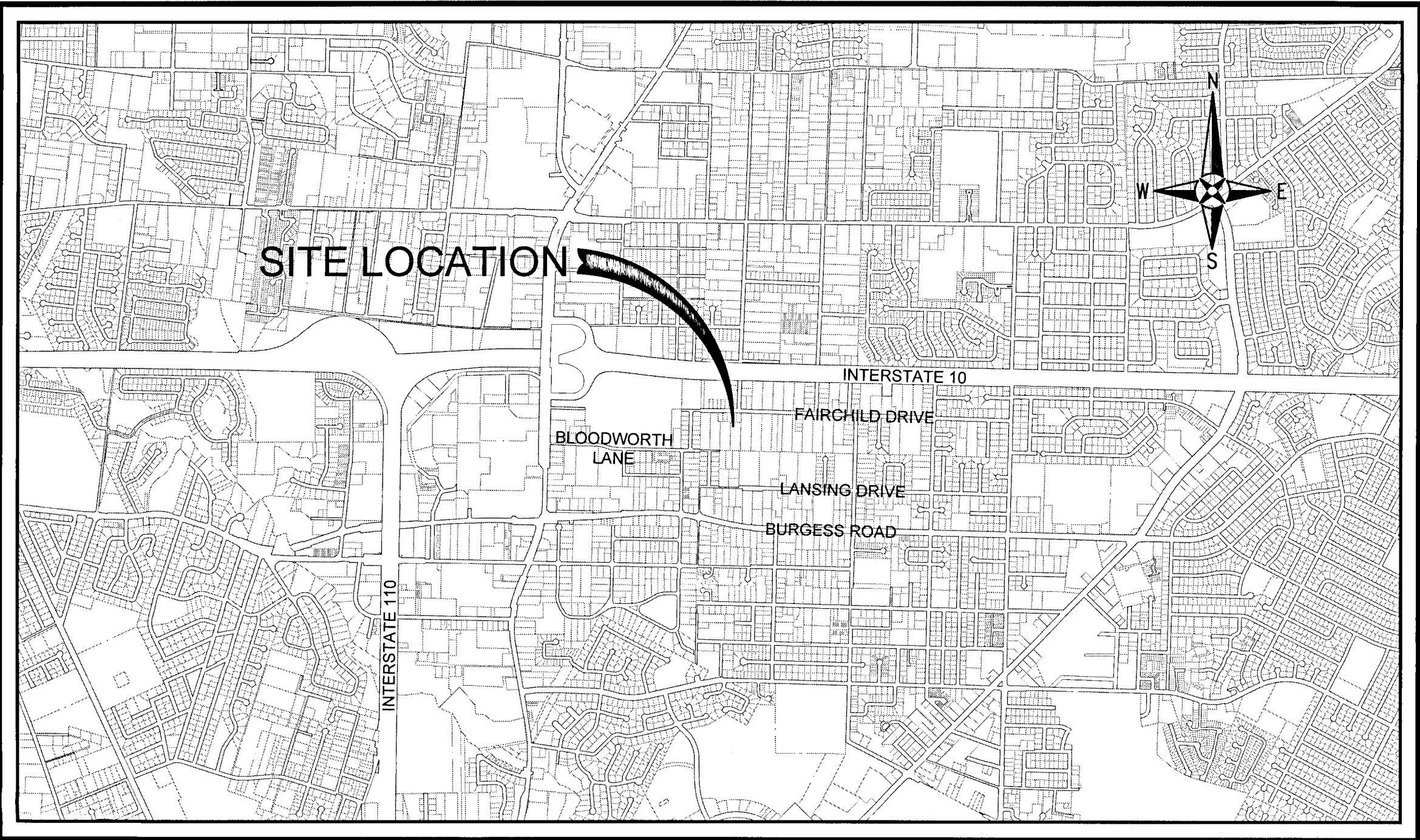
SURVEY NOTES:

- NORTH AND THE SURVEY DATUM SHOWN HEREON IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM (FLORIDA NORTH ZONE), NORTH AMERICAN DATUM OF 1983 (NAD83)-(2011)-(EPOCH 2010.0000) HAVING A BEARING OF SOUTH 86 DEGREES 45 MINUTES 46 SECONDS EAST ALONG THE SOUTH LINE OF OAKHURST SUBDIVISION AS RECORDED IN PLAT BOOK 3, PAGE 5 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA ALSO BEING THE NORTH LINE OF ABB SUBDIVISION AS RECORDED IN PLAT BOOK 1 AT PAGE 82 OF SAID PUBLIC RECORDS; AND WERE DERIVED UTILIZING A GLOBAL POSITIONING SYSTEM (GPS) TOPCON HIPER II GEODETIC DUAL FREQUENCY RECEIVER. THE RECEIVER WAS UTILIZED IN A REAL-TIME KINEMATIC (RTK) MODE UTILIZING THE FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA PERMANENT REFERENCE NETWORK (FPRN), FLORIDA'S GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) REFERENCE STATION NETWORK; COPY OF THE RECORD PLAT OF FERRY PASS HEIGHTS AS RECORDED IN PLAT BOOK 1 AT PAGE 60 OF SAID PUBLIC RECORDS; COPY OF THE RECORD PLAT OF ABB SUBDIVISION AS RECORDED IN PLAT BOOK 1 AT PAGE 82 OF SAID PUBLIC RECORDS; COPY OF THE RECORD PLAT OF FIRST ADDITION TO FERRY PASS HEIGHTS AS RECORDED IN PLAT BOOK 2 AT PAGE 15 OF SAID PUBLIC RECORDS; COPY OF THE RECORD PLAT OF CHAPEL TERRACE AS RECORDED IN PLAT BOOK 7 AT PAGE 33 OF SAID PUBLIC RECORDS; DEEDS OF RECORD AND EXISTING FIELD MONUMENTATION.
- ELEVATIONS AS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88) AND ARE REFERENCED TO THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) VERTICAL CONTROL NETWORK BENCH MARK NUMBER 48-11-ED4V HAVING A PUBLISHED ELEVATION OF 110.19 FEET.
- IT IS THE OPINION OF THE UNDERSIGNED SURVEYOR & MAPPER THAT THE PARCEL OF LAND SHOWN HEREON IS IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN BASED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR ESCAMBIA COUNTY, FLORIDA, COMMUNITY PANEL NUMBER 12033C0380G AND 12033C0315G, EFFECTIVE DATE OF SEPTEMBER 29, 2006.
- VISIBLE UTILITIES WITHIN THE SURVEY LIMITS ARE AS SHOWN HEREON. SUBSURFACE UTILITY LINES WERE LOCATED AND ARE SHOWN AS PER THE RESPECTIVE UTILITY COMPANY'S SPOTTING (PAINTED SPOTS AND FLAGGED LINES). THE FOLLOWING SUNSHINE ONE CALL TICKET WAS ISSUED FOR THIS PROJECT: 104001678, 104001755, 104001827, 104002009
- GRAPHIC SYMBOLISM FOR FEATURES SUCH AS MONUMENTATION, FENCES, TREES, TREE LINES, UTILITIES ETCETERA MAY BE EXAGGERATED IN SIZE FOR CLARITY PURPOSES. DIMENSIONS TO EXAGGERATED FEATURES WILL SUPERSEDE SCALED MEASUREMENTS.

PRELIMINARY PLAT OF
COMMANDERS COVE
A 66 LOT SUBDIVISION

BEING A REPLAT OF ALL OF LOT B BLOCK 4, ABB SUBDIVISION, PLAT BOOK 1 AT PAGE 82;
A REPLAT OF ALL OF LOT 117, AND A PORTION OF LOTS 114, 115, AND 116, FIRST ADDITION TO
OAKHURST, PLAT BOOK 3 AT PAGE 5; AND OF A PORTION OF SECTION 31, TOWNSHIP 1 SOUTH,
RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA; ALL LYING AND BEING IN SAID SECTION 31,
TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA

APRIL 2021



VICINITY MAP

SCALE: 1" = 2000'

PREPARED BY



REBOL-BATTLE & ASSOCIATES

Civil Engineers and Surveyors

2301 N. NINTH AVENUE, SUITE 300
PENSACOLA, FLORIDA 32503
TELEPHONE 850.438.0400
FAX 850.438.0448
EO 00009657 LB7916

OWNER AND DEVELOPER
ROBINS RIDGE DEVELOPMENT LLC
120 E MAIN ST SUITE A
PENSACOLA, FL 32502

CIVIL ENGINEER
PAUL A. BATTLE, P.E.
REBOL-BATTLE & ASSOCIATES, LLC
2301 NORTH NINTH AVE., SUITE 300
PENSACOLA, FL 32503
TELEPHONE: 850.438.0400

PROFESSIONAL SURVEYOR AND MAPPER

MARK A. MORRIS P.S.M.
REBOL-BATTLE & ASSOCIATES, LLC
2301 NORTH NINTH AVE., SUITE 300
PENSACOLA, FL 32503
TELEPHONE 850.438.0400

GENERAL NOTES:

- THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION, 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.
- THE DEVELOPER/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 CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.
- RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE DEVELOPER/CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION.
- ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOO. IF WINTER RYE SEED IS USED, INCLUDE A BAHIA MIX TO INSURE CONTINUED GROWTH AFTER WINTER MONTHS.
- ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.
- DEVELOPER/CONTRACTOR/HOME OWNERS 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.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
- THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3475. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
- NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770.
- ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.
- 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.
- TO COMPLY WITH NPDES REQUIREMENTS, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH REQUIRED RAINFALL EVENT 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.
- NO LAND DISTURBING ACTIVITIES, SUCH AS TREE REMOVAL, MAY OCCUR PRIOR TO CONSTRUCTION PLAN APPROVAL. THEREFORE, PROTECTED TREES MUST BE PRESERVED UNTIL CONSTRUCTION PLAN APPROVAL. PROTECTED TREES MAY BE REMOVED FROM RIGHTS-OF-WAY, STORMWATER PARCELS AND DRAINAGE EASEMENTS. ALL VEGETATION WITHIN RESIDENTIAL LOTS MUST REMAIN UNDISTURBED UNTIL EACH INDIVIDUAL BUILDING PERMIT IS ISSUED.
- THE CONTRACTOR SHALL NOTIFY FDOT 48 IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY.
- CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT PERMITS FOR ANY RETAINING WALL HIGHER THAN 2 FEET.

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

A PARCEL OF LAND LYING IN SECTION 31, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA, BEING ALL OF LOT B BLOCK 4, ABB SUBDIVISION AS RECORDED IN PLAT BOOK 1 AT PAGE 82 OF THE PUBLIC RECORDS OF SAID ESCAMBIA COUNTY FLORIDA, AND ALL OF LOT 117, AND A PORTION OF LOTS 114, 115, AND 116 OF FIRST ADDITION TO OAKHURST, A SUBDIVISION RECORDED IN PLAT BOOK 3 AT PAGE 5 OF THE ABOVE-MENTIONED PUBLIC RECORDS; AND THOSE PARCELS OF LAND RECORDED IN O.R. BOOK 5793 AT PAGE 229, O.R. BOOK 5793 AT PAGE 170, AND O.R. BOOK 5793 AT PAGE 328, ALL IN THE ABOVE-MENTIONED PUBLIC RECORDS; SAID PARCELS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHWEST CORNER OF LOT 117, FIRST ADDITION TO OAKHURST, A SUBDIVISION RECORDED IN PLAT BOOK 3 AT PAGE 5 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA; SAID POINT BEING ON THE SOUTH RIGHT-OF-WAY LINE OF FAIRCHILD DRIVE (66' R/W); THENCE GO S 86°54'23" E ALONG SAID SOUTH RIGHT-OF-WAY LINE AND THE NORTH LINE OF SAID LOT 117 AND ITS EASTERN EXTENSION A DISTANCE OF 309.45 FEET; THENCE DEPARTING SAID LINE GO S 04°29'07" W A DISTANCE OF 145.64 FEET; THENCE GO S 86°05'43" E A DISTANCE OF 393.01 FEET TO THE EAST LINE OF THE ABOVE-MENTIONED LOT 114 OF THE FIRST ADDITION TO OAKHURST SUBDIVISION; THENCE GO S 03°28'19" W ALONG SAID EAST LINE A DISTANCE OF 497.48 FEET TO THE SOUTHEAST CORNER OF SAID LOT 114; SAID POINT BEING ON THE NORTH LINE OF THE ABOVE-MENTIONED LOT B BLOCK 4, ABB SUBDIVISION; THENCE GO S 86°45'46" E ALONG SAID NORTH LINE 326.62 FEET TO THE NORTHEAST CORNER OF SAID LOT; THENCE GO S 02°53'35" W ALONG THE EAST LINE OF SAID LOT B, A DISTANCE OF 602.05 FEET TO THE SOUTHEAST CORNER OF SAID LOT, SAID POINT ALSO BEING ON THE NORTH RIGHT-OF-WAY LINE OF LANSING DRIVE (R/W VARIES); THENCE GO N 86°45'46" W ALONG THE SOUTH LINE OF SAID LOT B AND SAID NORTH RIGHT-OF-WAY LINE 340.00 FEET TO THE SOUTHWEST CORNER OF SAID LOT B; THENCE DEPARTING SAID NORTH RIGHT-OF-WAY LINE GO N 02°53'35" E ALONG THE WEST LINE OF SAID LOT B A DISTANCE OF 281.99 FEET TO A POINT; SAID POINT BEING THE SOUTHEAST CORNER OF THAT PARCEL OF LAND RECORDED IN O.R. BOOK 5793 AT PAGE 328 OF THE ABOVE-MENTIONED PUBLIC RECORDS; THENCE GO N 86°45'46" W ALONG THE SOUTH LINE OF SAID PARCEL AND ITS WESTERN EXTENSION A DISTANCE OF 340.00 FEET TO A POINT BEING THE SOUTHWEST CORNER OF THAT PARCEL OF LAND RECORDED IN O.R. BOOK 5793 AT PAGE 229 OF THE ABOVE-MENTIONED PUBLIC RECORDS; THENCE GO N 02°52'34" E ALONG THE WEST LINE OF SAID PARCEL A DISTANCE OF 320.06 FEET TO THE NORTHWEST CORNER OF SAID PARCEL, SAID POINT ALSO BEING ON THE SOUTH LINE OF THE ABOVE-MENTIONED FIRST ADDITION TO OAKHURST SUBDIVISION; THENCE GO N 86°45'46" W ALONG THE SOUTH LINE OF SAID SUBDIVISION A DISTANCE OF 339.94 FEET TO THE SOUTHWEST CORNER OF SAID SUBDIVISION; THENCE GO N 02°54'28" E ALONG THE WEST LINE OF SAID SUBDIVISION A DISTANCE OF 648.89 FEET TO THE POINT OF BEGINNING. THE ABOVE DESCRIBED PARCEL OF LAND CONTAINS 16.224 ACRES AND IS SUBJECT TO GULF POWER COMPANY EASEMENT ACROSS THE WEST 100 FEET OF LOT 117, AND THE SOUTH 125 FEET OF LOTS 114, 115, 116, AND 117 OF THE ABOVE-MENTIONED FIRST ADDITION TO OAKHURST.

| | |
|---|-------------------------------|
| Approved ESCAMBIA COUNTY DRG PLAN REVIEW | |
| DRG Chairman Signature | <i>Paul A. Battle</i> 4-14-21 |
| Printed Name: <i>Schneider Hampton</i> | Date |
| Development Services Director of Escambia | |
| This document has been reviewed in accordance with the 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. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit. | |

FENCE RESTRICTION NOTE:

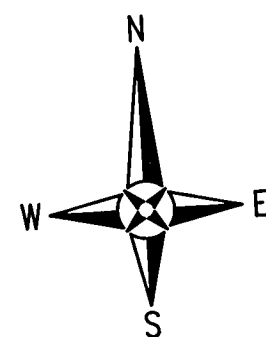
OWNERS WILL NOT BE ALLOWED TO LOCATE FENCES WITHIN PRIVATE DRAINAGE/ACCESS EASEMENTS. EASEMENTS SHALL BE ACCESSIBLE AT ALL TIMES AND STRUCTURES SHALL NOT BE LOCATED WITHIN THEM THAT MAY PROHIBIT OR RESTRICT FLOW OF STORMWATER. FENCING WITHIN THE TYPICAL 5' PRIVATE DRAINAGE EASEMENTS SHALL NOT OBSTRUCT THE FLOW OF STORMWATER.

SUBDIVISION ENTRANCE MARKER SIGN NOTE:

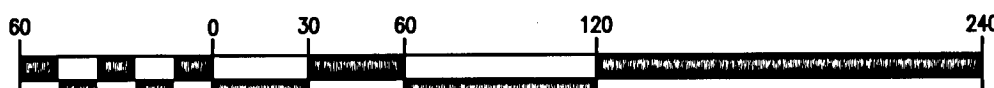
A SUBDIVISION ENTRANCE MARKER SIGN IS PROPOSED FOR PLACEMENT IN PARCEL GG.

ENGINEER'S CERTIFICATE

I, PAUL A. BATTLE, HEREBY CERTIFY THAT ALL PROPOSED ROADWAYS, DRAINAGE AND OTHER IMPROVEMENTS WILL BE DESIGNED TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL DEVELOPMENT REQUIREMENTS AND THAT I AM THE ENGINEER OF RECORD FOR THE LANSING MANOR.
Paul A. Battle 4-12-2021
STATE OF FLORIDA
PAUL A. BATTLE, P.E.
PROFESSIONAL ENGINEER No 53126



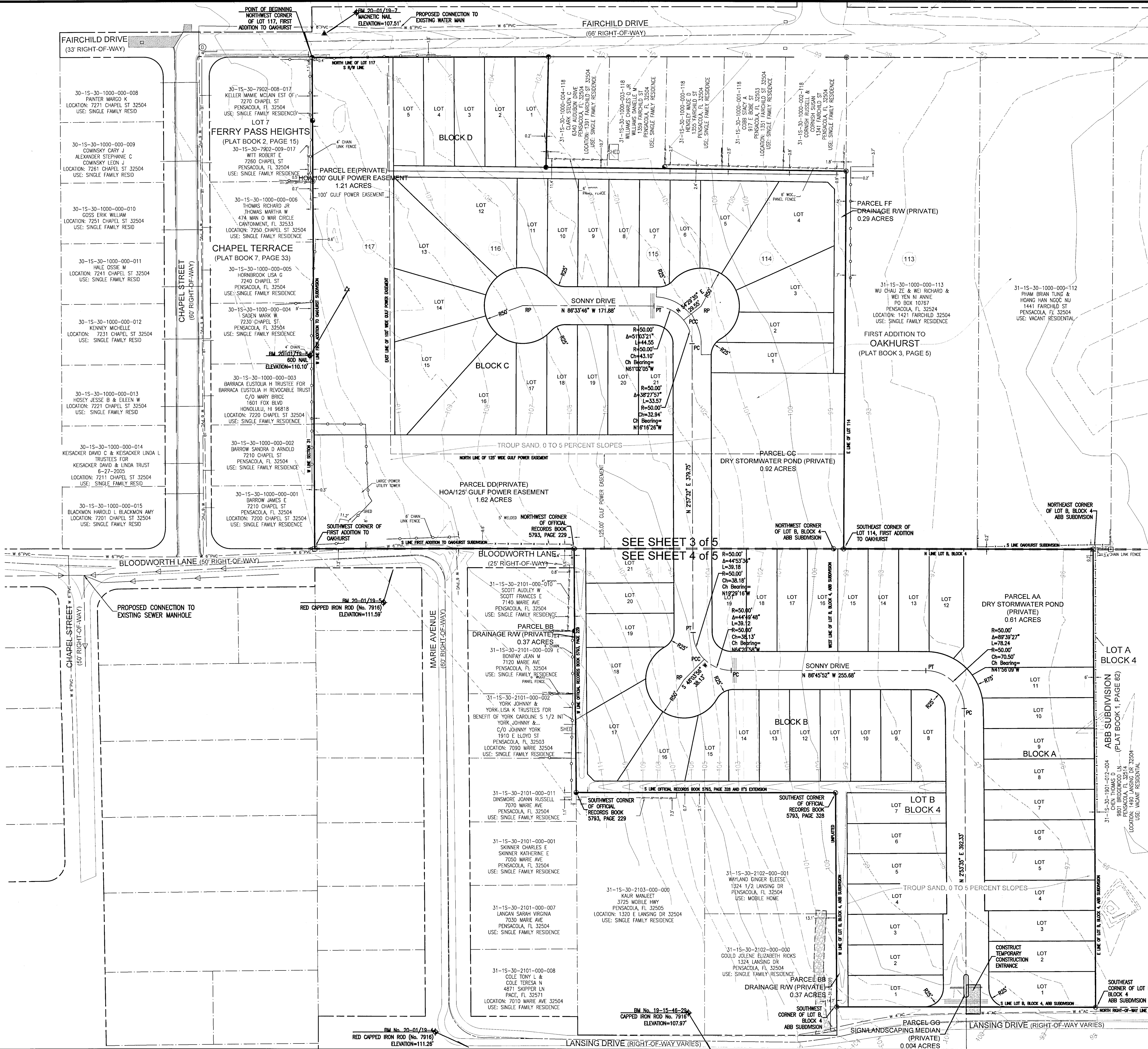
HORIZONTAL SCALE



(IN FEET)
1 INCH = 80 FT. (24'x36')
1 INCH = 120 FT. (12'x18')

LEGEND:

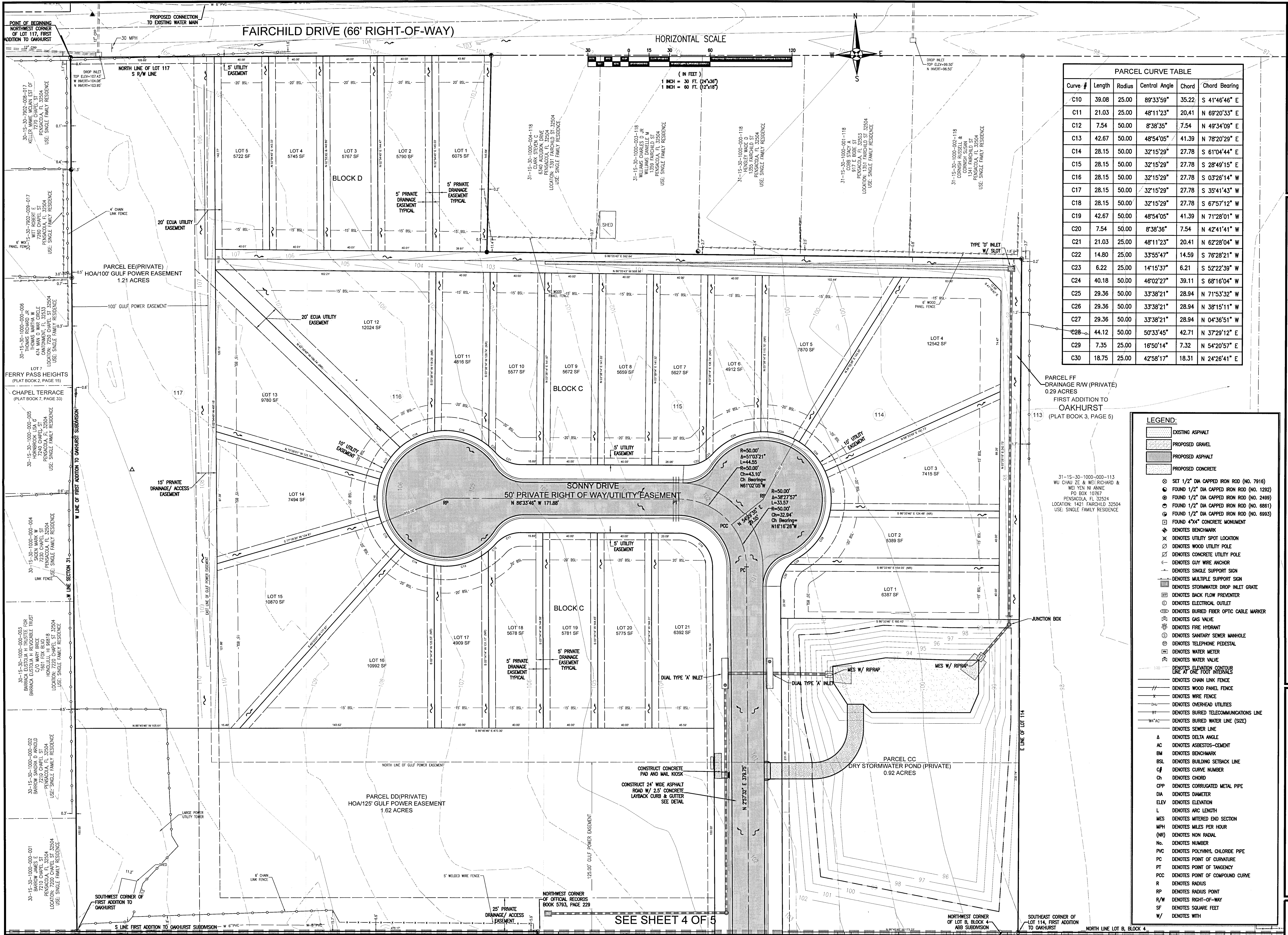
- EXISTING ASPHALT
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- SET 1/2" DIA CAPPED IRON ROD (NO. 7916)
- FOUND 1/2" DIA CAPPED IRON ROD (NO. 1292)
- FOUND 1/2" DIA CAPPED IRON ROD (NO. 2499)
- FOUND 1/2" DIA CAPPED IRON ROD (NO. 6861)
- FOUND 1/2" DIA CAPPED IRON ROD (NO. 6893)
- FOUND 4"x4" CONCRETE MONUMENT
- DENOTES BENCHMARK
- DENOTES UTILITY SPOT LOCATION
- DENOTES WOOD UTILITY POLE
- DENOTES CONCRETE UTILITY POLE
- DENOTES GUY WIRE ANCHOR
- DENOTES SINGLE SUPPORT SIGN
- DENOTES MULTIPLE SUPPORT SIGN
- DENOTES STORMWATER DROP INLET GRATE
- DENOTES BACK FLOW PREVENTER
- DENOTES ELECTRICAL OUTLET
- DENOTES BURIED FIBER OPTIC CABLE MARKER
- DENOTES GAS VALVE
- DENOTES FIRE HYDRANT
- DENOTES SANITARY SEWER MANHOLE
- DENOTES TELEPHONE PEDestal
- DENOTES WATER METER
- DENOTES WATER VALVE
- DENOTES ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS
- DENOTES CHAIN LINK FENCE
- DENOTES WOOD PANEL FENCE
- DENOTES WIRE FENCE
- DENOTES OVERHEAD UTILITIES
- DENOTES BURIED TELECOMMUNICATIONS LINE
- DENOTES BURIED WATER LINE (SIZE)
- DENOTES SEWER LINE
- DELTA ANGLE
- DENOTES ASBESTOS-CEMENT
- DENOTES BENCHMARK
- DENOTES BUILDING SETBACK LINE
- DENOTES CURVE NUMBER
- DENOTES CHORD
- DENOTES CORRUGATED METAL PIPE
- DENOTES DIAMETER
- DENOTES ELEVATION
- DENOTES ARC LENGTH
- DENOTES MITERED END SECTION
- DENOTES MILES PER HOUR
- DENOTES NON RADIAL
- DENOTES NUMBER
- DENOTES POLYVINYL CHLORIDE PIPE
- DENOTES POINT OF CURVATURE
- DENOTES POINT OF TANGENCY
- DENOTES POINT OF COMPOUND CURVE
- DENOTES RADIUS
- DENOTES RADIUS POINT
- DENOTES RIGHT-OF-WAY
- DENOTES SQUARE FEET
- DENOTES WITH



RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 904.656.4348 Fax 904.656.4446
E9 00205857

PRELIMINARY PLAT OF
COMMANDERS COVE
A 66 LOT SUBDIVISION

ENGINEER'S CERTIFICATE
I, PAUL A. BATTLE, HEREBY CERTIFY THAT ALL PROPOSED ROADWAYS, DRAINAGE, AND OTHER IMPROVEMENTS WILL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE FLORIDA STATUTES AND LOCAL ORDINANCES, AND THAT I AM THE ENGINEER OF RECORD FOR THIS PROJECT.
Paul A. Battle
4-12-2011
No. 63126
STATE OF FLORIDA
PROFESSIONAL ENGINEER



| PARCEL CURVE TABLE | | | | | |
|--------------------|--------|--------|---------------|-------|---------------|
| Curve # | Length | Radius | Central Angle | Chord | Chord Bearing |
| C10 | 39.08 | 25.00 | 89°33'59" | 35.22 | S 41°46'46" E |
| C11 | 21.03 | 25.00 | 48°11'23" | 20.41 | N 69°20'33" E |
| C12 | 7.54 | 50.00 | 8°38'35" | 7.54 | N 49°34'09" E |
| C13 | 42.67 | 50.00 | 48°54'05" | 41.39 | N 78°20'29" E |
| C14 | 28.15 | 50.00 | 32°15'29" | 27.78 | S 61°04'44" E |
| C15 | 28.15 | 50.00 | 32°15'29" | 27.78 | S 28°49'15" E |
| C16 | 28.15 | 50.00 | 32°15'29" | 27.78 | S 03°26'14" W |
| C17 | 28.15 | 50.00 | 32°15'29" | 27.78 | S 67°57'12" W |
| C18 | 28.15 | 50.00 | 32°15'29" | 27.78 | S 71°28'01" W |
| C19 | 42.67 | 50.00 | 48°54'05" | 41.39 | N 71°28'01" W |
| C20 | 7.54 | 50.00 | 8°38'36" | 7.54 | N 42°41'41" W |
| C21 | 21.03 | 25.00 | 48°11'23" | 20.41 | N 62°28'04" W |
| C22 | 14.80 | 25.00 | 33°55'47" | 14.59 | S 76°28'21" W |
| C23 | 6.22 | 25.00 | 14°15'37" | 6.21 | S 52°22'39" W |
| C24 | 40.18 | 50.00 | 46°02'27" | 39.11 | S 68°16'04" W |
| C25 | 29.36 | 50.00 | 33°38'21" | 28.94 | N 71°53'32" W |
| C26 | 29.36 | 50.00 | 33°38'21" | 28.94 | N 38°15'11" W |
| C27 | 29.36 | 50.00 | 33°38'21" | 28.94 | N 04°36'51" W |
| C28 | 44.12 | 50.00 | 50°33'45" | 42.71 | N 37°29'12" E |
| C29 | 7.35 | 25.00 | 16°50'14" | 7.32 | N 54°20'57" E |
| C30 | 18.75 | 25.00 | 42°58'17" | 18.31 | N 24°26'41" E |

LEGEND:

- EXISTING ASPHALT
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- SET 1/2" DIA CAPPED IRON ROD (NO. 7916)
- FOUND 1/2" DIA CAPPED IRON ROD (NO. 1292)
- FOUND 1/2" DIA CAPPED IRON ROD (NO. 2499)
- FOUND 1/2" DIA CAPPED IRON ROD (NO. 6861)
- FOUND 1/2" DIA CAPPED IRON ROD (NO. 6993)
- FOUND 4"x4" CONCRETE MONUMENT
- DENOTES BENCHMARK
- DENOTES UTILITY SPOT LOCATION
- DENOTES WOOD UTILITY POLE
- DENOTES CONCRETE UTILITY POLE
- DENOTES GUY WIRE ANCHOR
- DENOTES SINGLE SUPPORT SIGN
- DENOTES MULTIPLE SUPPORT SIGN
- DENOTES STORMWATER DROP INLET GRATE
- DENOTES BACK FLOW PREVENTER
- DENOTES ELECTRICAL OUTLET
- DENOTES BURIED FIBER OPTIC CABLE MARKER
- DENOTES GAS VALVE
- DENOTES FIRE HYDRANT
- DENOTES SANITARY SEWER MANHOLE
- DENOTES TELEPHONE PEDESTAL
- DENOTES WATER METER
- DENOTES WATER VALVE
- DENOTES ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS
- DENOTES CHAIN LINK FENCE
- DENOTES WIRE FENCE
- DENOTES OVERHEAD UTILITIES
- DENOTES BURIED TELECOMMUNICATIONS LINE
- DENOTES BURIED WATER LINE (SIZE)
- DENOTES SEWER LINE
- A DENOTES DELTA ANGLE
- AC DENOTES ASBESTOS-CEMENT
- BM DENOTES BENCHMARK
 BSL | DENOTES BUILDING SETBACK LINE | C# | DENOTES CURVE NUMBER | Ch | DENOTES CHORD | CPP | DENOTES CORRUGATED METAL PIPE | DA | DENOTES DIAMETER | ELEV | DENOTES ELEVATION | L | DENOTES ARC LENGTH | MES | DENOTES MITERED END SECTION | MPH | DENOTES MILES PER HOUR | (NR) | DENOTES NON RADIAL | No. | DENOTES NUMBER | PVC | DENOTES POLYVINYL CHLORIDE PIPE | PC | DENOTES POINT OF CURVATURE | PT | DENOTES POINT OF TANGENCY | PCC | DENOTES POINT OF COMPOUND CURVE | R | DENOTES RADIUS | RP | DENOTES RADIUS POINT | R/W | DENOTES RIGHT-OF-WAY | SF | DENOTES SQUARE FEET | W/ | DENOTES WITH |

RBA

REBOL-BATTLE & ASSOCIATES

Civil Engineers and Surveyors

2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.435.4343
FAX 850.435.4343

PRELIMINARY PLAT OF

COMMANDERS COVE

A 66 LOT SUBDIVISION

ENGINEER'S CERTIFICATE

I, PAUL A. BATTLE, HEREBY CERTIFY THAT ALL PROPOSED ROADWAYS, DRAINAGE, AND OTHER IMPROVEMENTS WILL BE DESIGNED TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL DESIGN STANDARDS, REQUIREMENTS, AND THAT I AM THE ENGINEER OF RECORD FOR THE COMMANDERS COVE SUBDIVISION.

Paul A. Battle 4-12-2021

PAUL A. BATTLE, P.E.
PROFESSIONAL ENGINEER No. 53126

SHEET 3 of 5

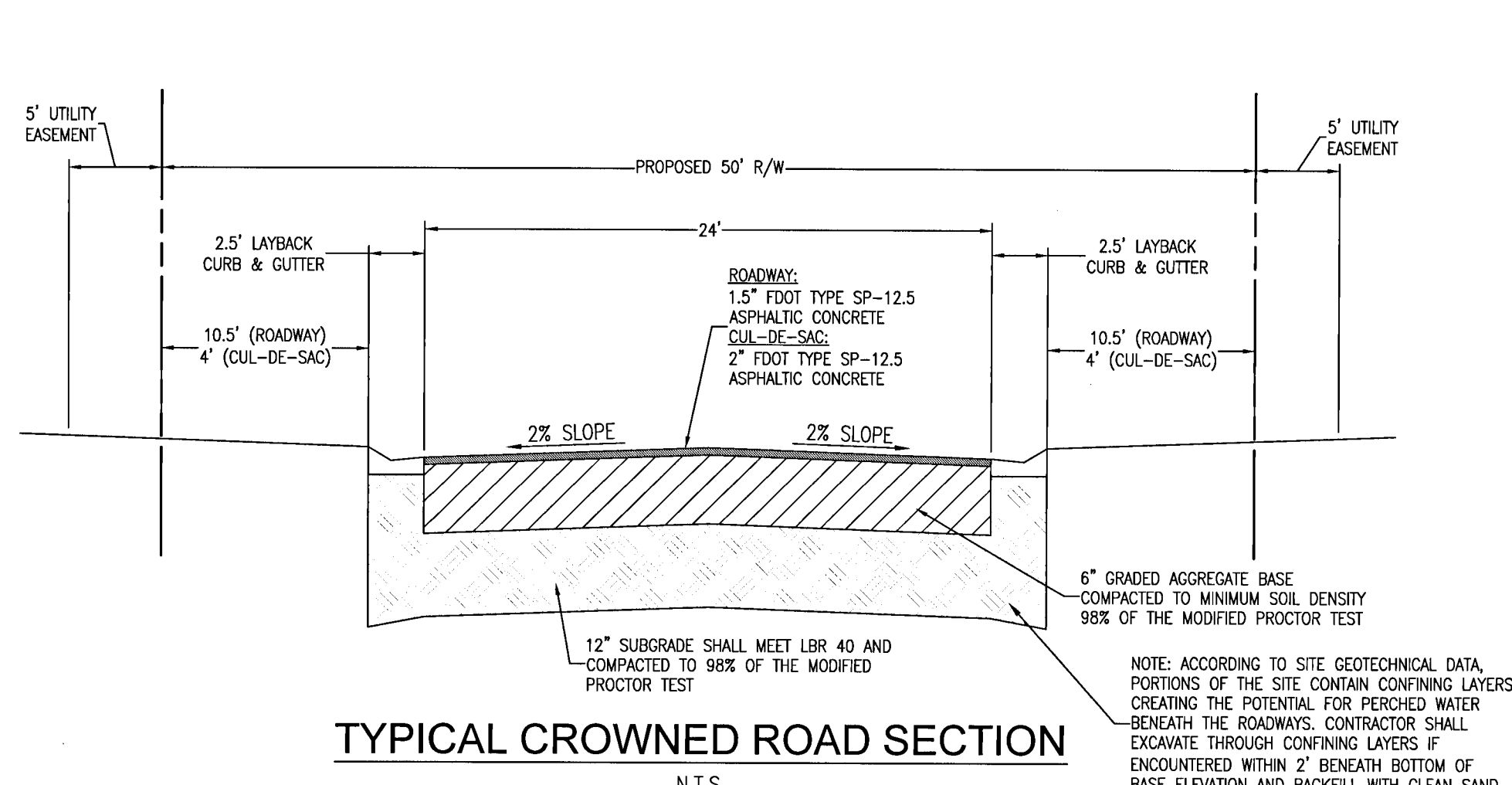
NOTES:
1) ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
2) DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1 - 3/4" ASPHALT WITH 6" STABILIZED SUB GRADE OR 4" TO 6" CONCRETE WITH 4" STABILIZED SUB GRADE - 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN 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.

TYPICAL DRIVEWAY CONNECTION STANDARDS
FOR EXISTING ROADWAY CONDITIONS

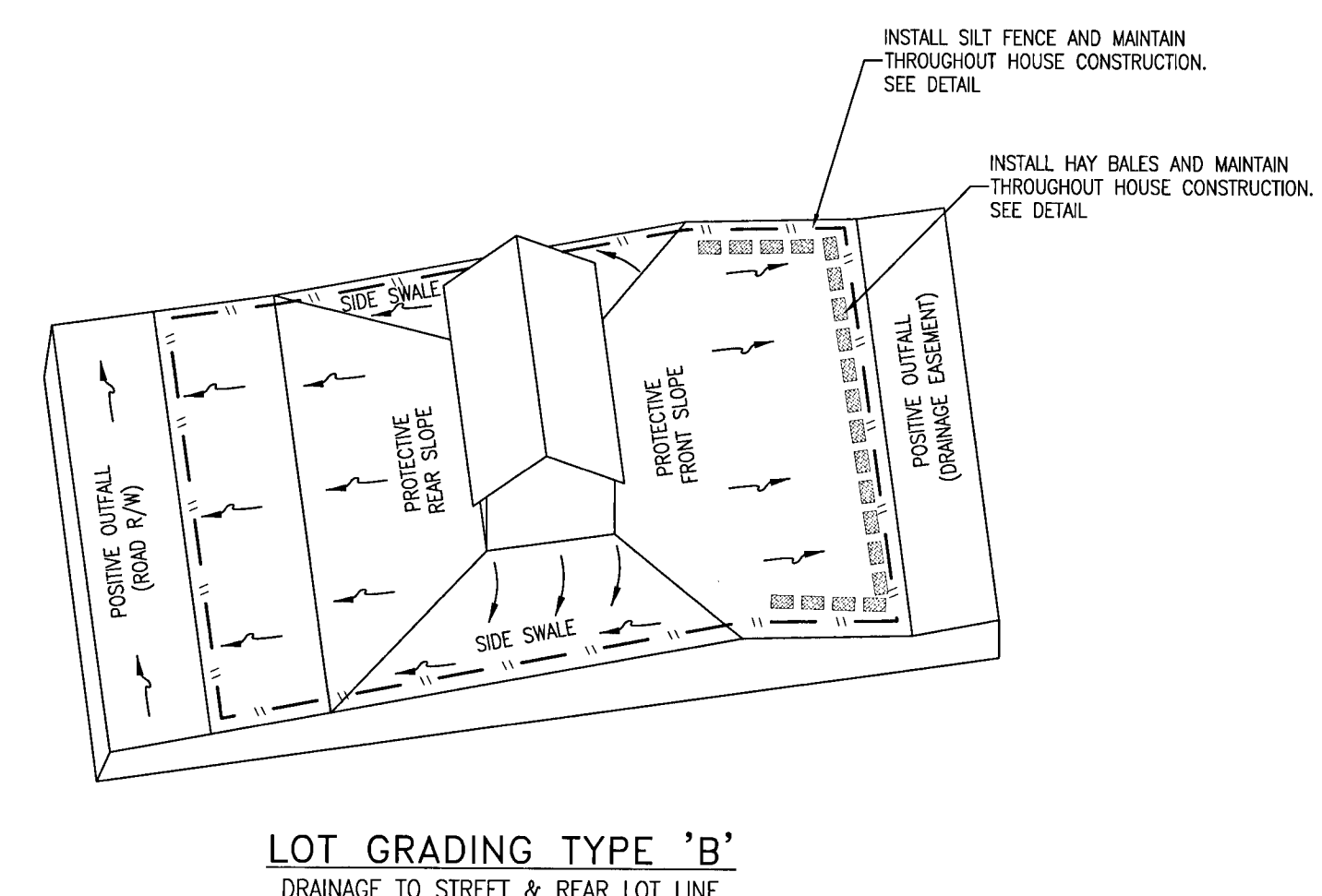
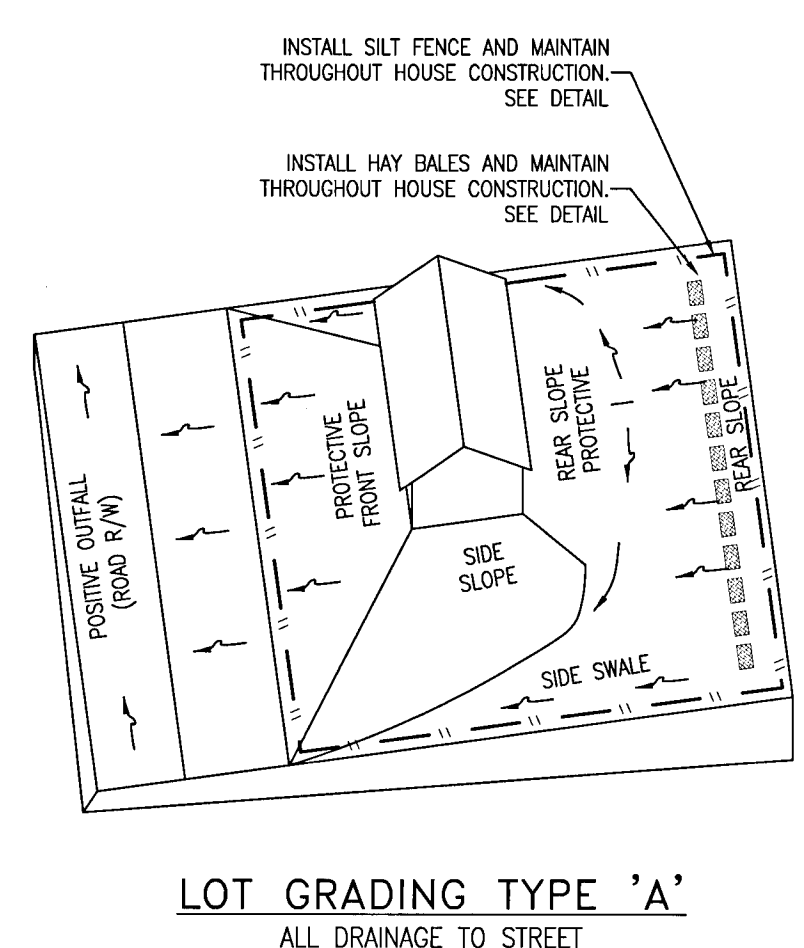
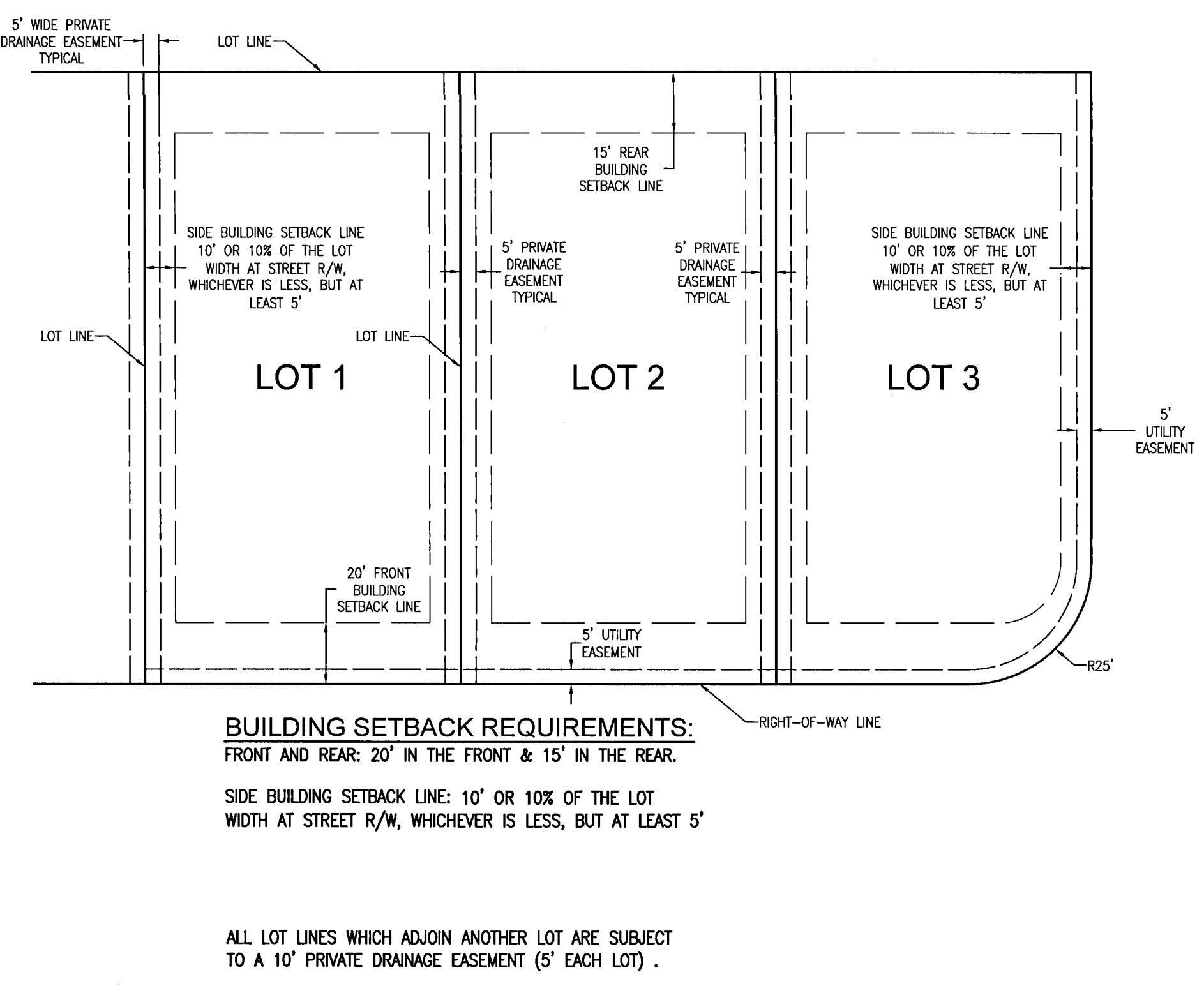
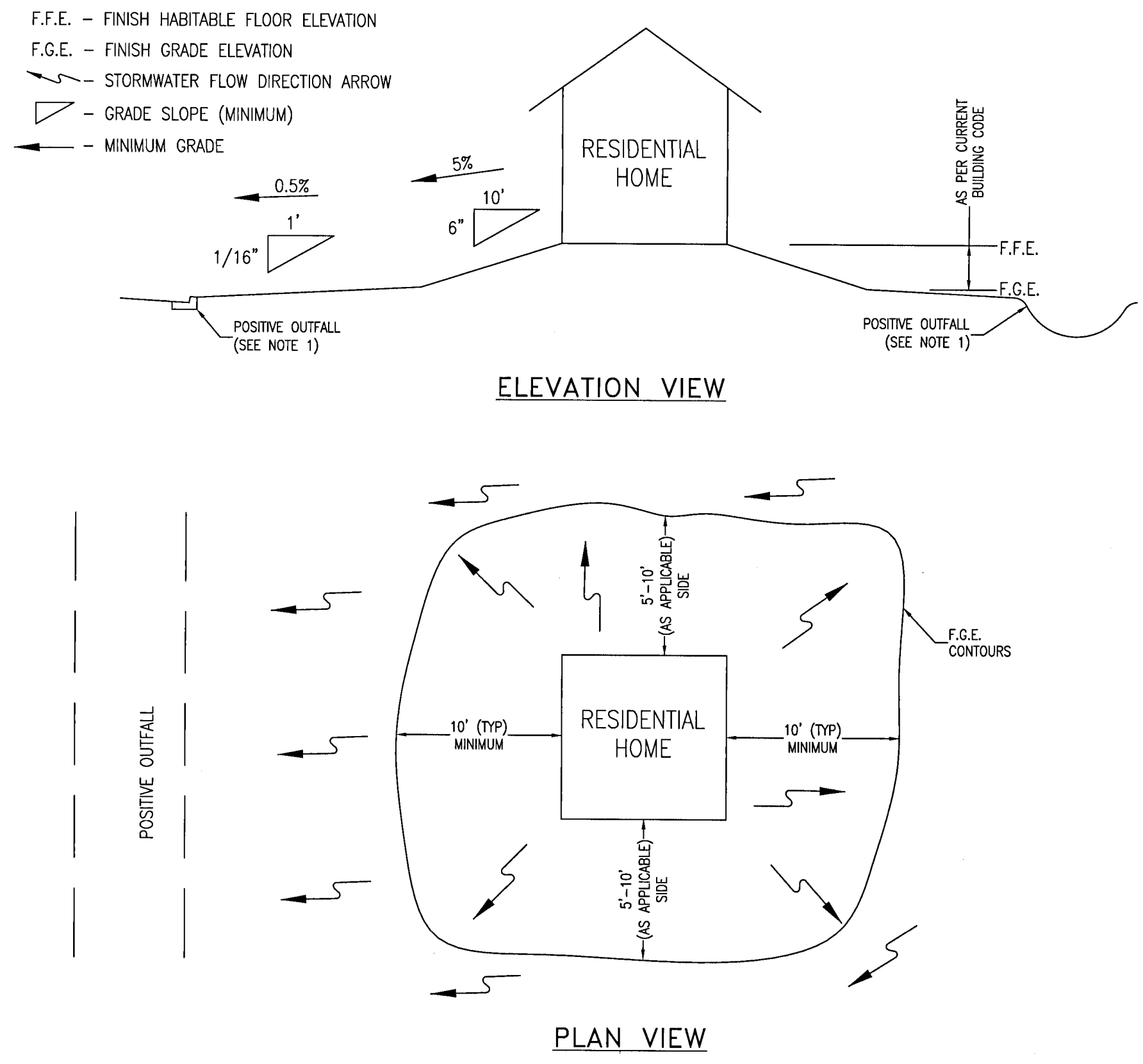
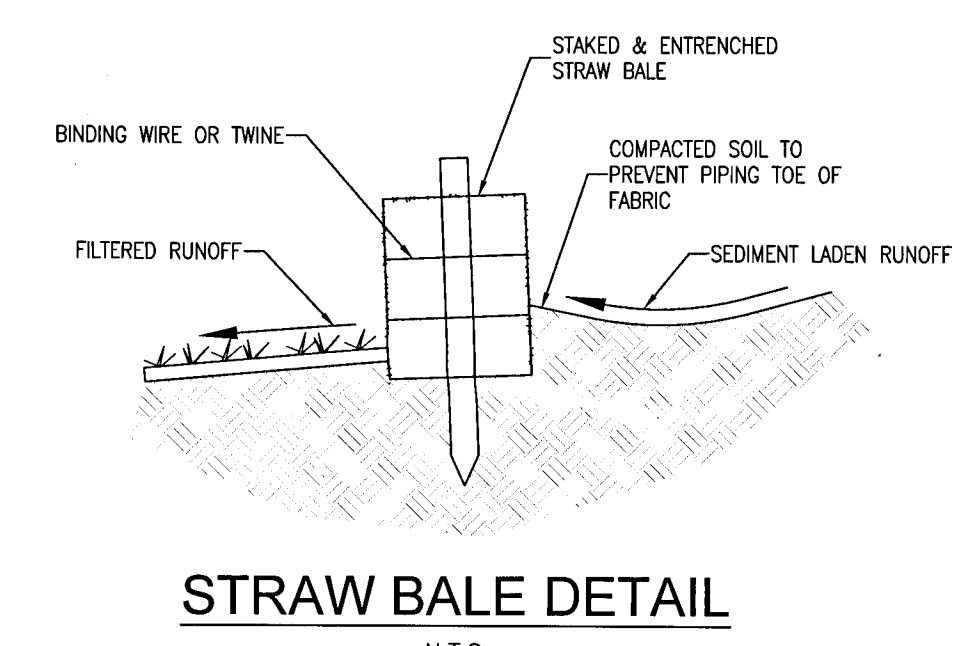
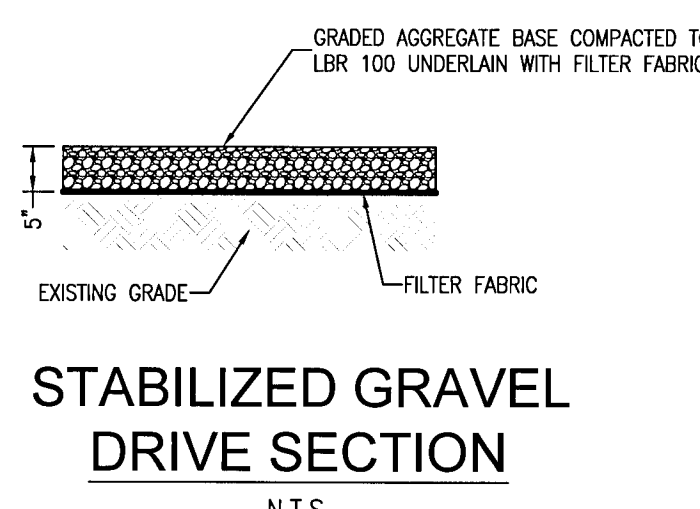
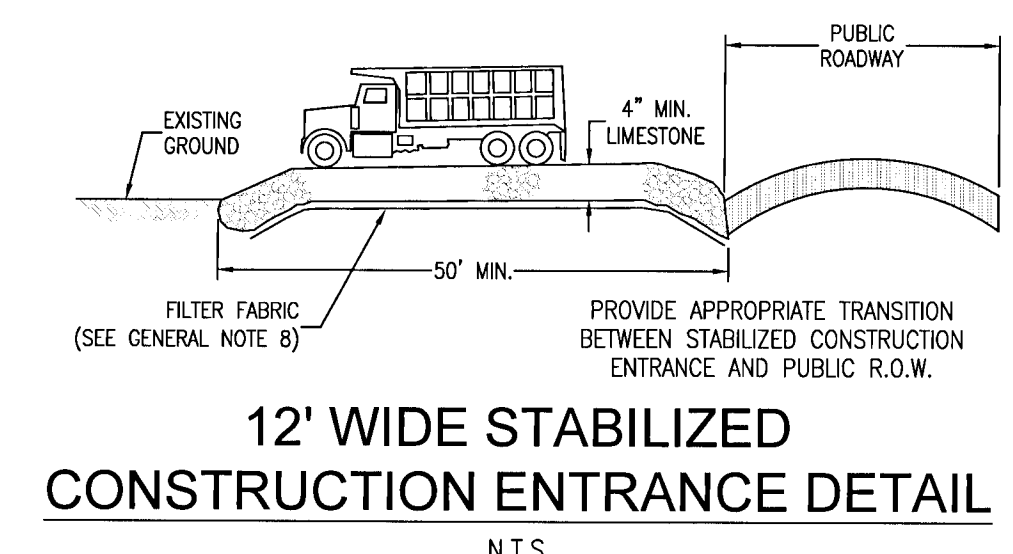
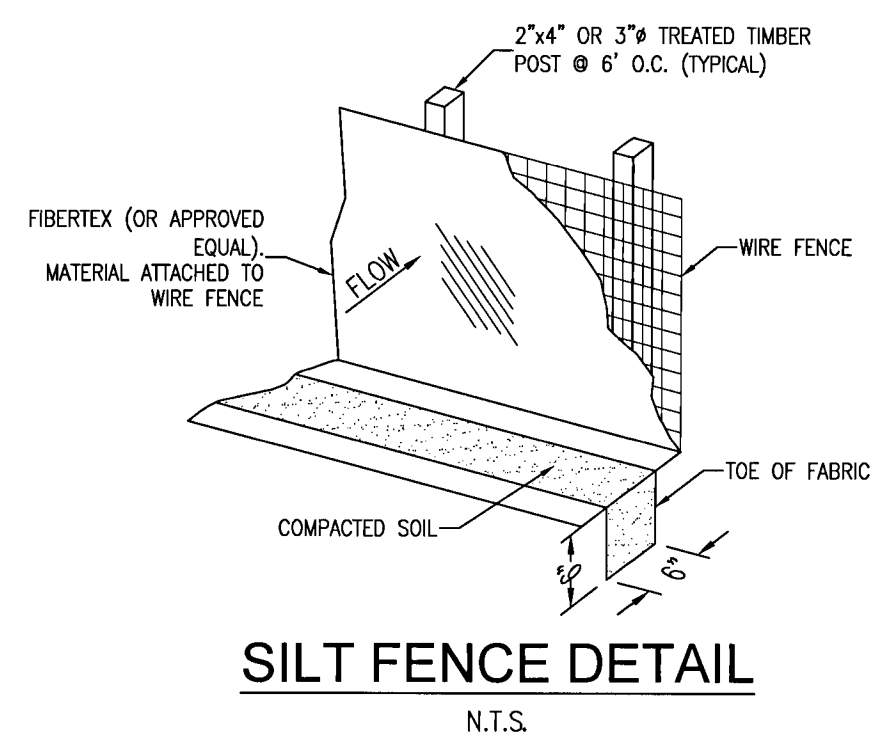
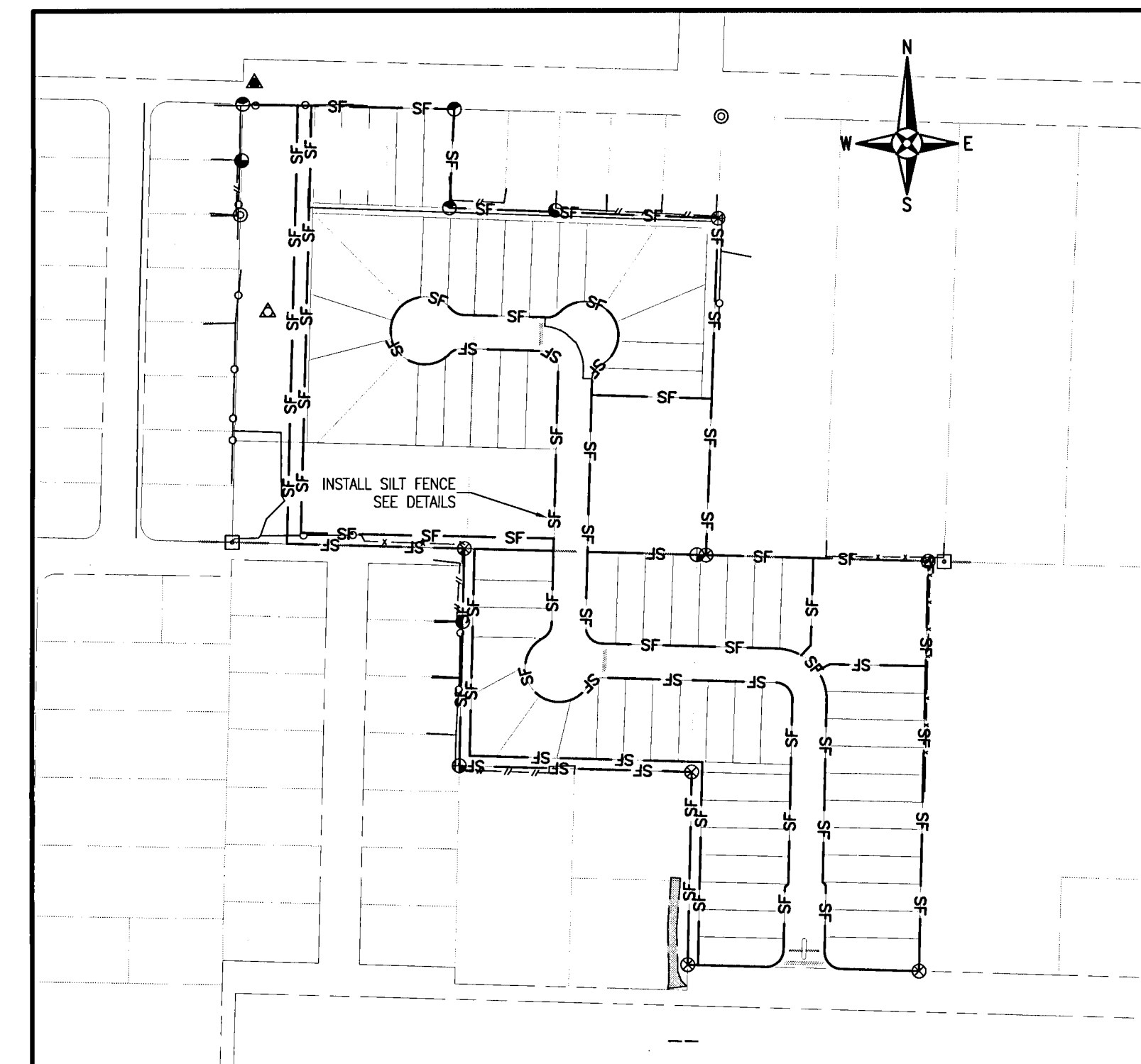
PLAN VIEW

SECTION 'A-A'

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.



- 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 ESCAMBAR 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 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 ONLINE FOR REVIEW DURING ALL PHASES OF CONSTRUCTION.
 6. LAND DISTURBING ACTIVITIES, SUCH AS TREE REMOVAL AND LAND CLEARING, SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY PRIOR TO INITIATION.
 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.



MINIMUM STANDARDS FOR TYPICAL RESIDENTIAL GRADING CONTROL PLAN

NOT TO SCALE

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
CS 00000007

ENGINEER'S CERTIFICATE

I, PAUL A. BATTLE, HEREBY CERTIFY THAT ALL PROPOSED ROADWAYS, DRAINAGE AND OTHER IMPROVEMENTS WILL BE DESIGNED TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL DEPARTMENT OF TRANSPORTATION REQUIREMENTS AND THAT I AM THE ENGINEER OF RECORD FOR THIS PROJECT.

PAUL A. BATTLE
4-12-2021
No. 53126
STATE OF FLORIDA
PROFESSIONAL ENGINEER No. 53126

PRELIMINARY PLAT OF

COMMANDERS COVE

A 66 LOT SUBDIVISION

SHEET 5 of 5