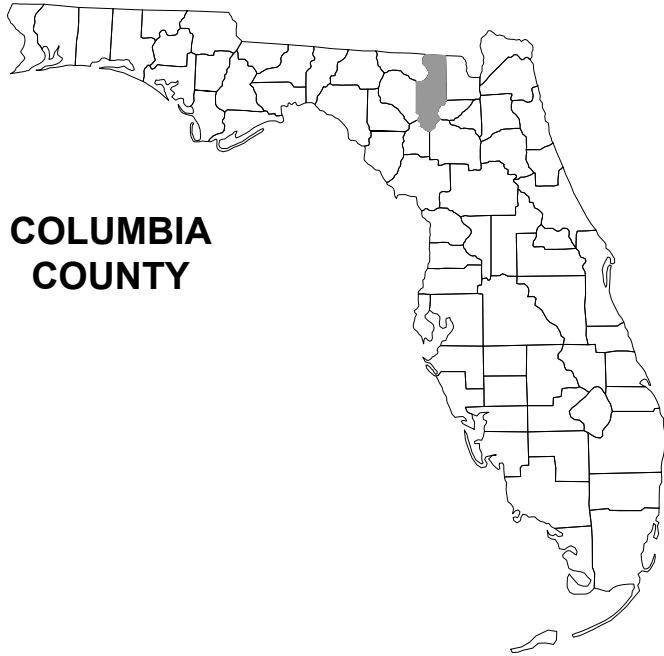


File Location: X:\2018\180112CCBH. CADD\Roadway\CCBdsgrn01\1 COVER SHEET
Date Created: May 2, 2019 Date Last Saved: May 2, 2019 Date Plotted: May 2, 2019
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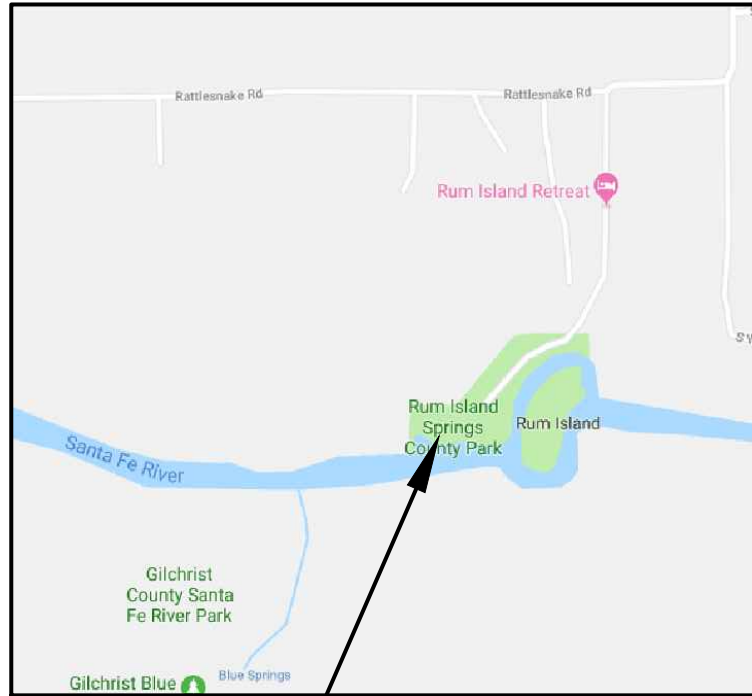


COLUMBIA
COUNTY

RUM ISLAND SPRINGS PARK IMPROVEMENTS

COLUMBIA COUNTY, FL

SEC 35, TOWNSHIP 7S, RANGE 16E



PROJECT LOCATION

PLANS PREPARED FOR:

COLUMBIA COUNTY BOCC
135 NE HERNANDO AVENUE, SUITE 203
LAKE CITY, FLORIDA
(386) 758-1005

SHEET INDEX

CIVIL

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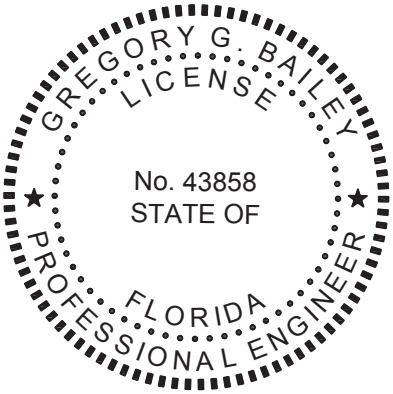


North Florida Professional Services, Inc.
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Tallahassee, FL 32318
Ph. 877-335-1525
Eng. Lic. 29011

COVER SHEET

REVISIONS:

JOB NUMBER: L180112CCB	DESIGNED BY: DS	DRAFTED BY: KB	CHECKED BY: GB
DATE: 01/12/2018	ENGINEER OF RECORD: GREGORY G. BAILEY	P.E. NO.: 43666	
SHEET NO. 1			



THIS DOCUMENT HAS BEEN DIGITALLY
SIGNED AND SEALED BY: GREGORY G. BAILEY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
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THE SIGNATURE MUST BE VERIFIED
IN THE ELECTRONIC DOCUMENTS.

NORTH FLORIDA PROFESSIONAL SERVICES INC.
P.O. BOX 3823
LAKE CITY, FL 32056
CERTIFICATE OF AUTHORIZATION: 29011
GREGORY G. BAILEY, P.E. NO. 43858

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS
IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET INDEX

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SIGNATURE SHEET	2
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JOB NUMBER: L180112CCB

DESIGNED BY:	DRAFTED BY:	CHECKED BY:
DS	KB	GB

ENGINEER OF RECORD:
GREGORY G. BAILEY
P.E. NO. 43858

DATE: 01/12/2018
SHEET NO. 2

SIGNATURE SHEET

RUM ISLAND SPRINGS PARK IMPROVEMENTS

COLUMBIA COUNTY, FL



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File Location: X:\2018\180112CCB\H. CADD\Roadway\cCCBdsgrn01 13 GENERAL NOTES & LEGEND
Date Created: May 2, 2019 Date Last Saved: May 6, 2019 Date Plotted: May 6, 2019
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL NOTES



1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO ENSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SUWANNEE RIVER WATER MANAGEMENT DISTRICT (SRWMD) OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.
3. BOUNDARY INFORMATION SHOWN, WAS OBTAINED FROM A BOUNDARY SURVEY PREPARED BY DONALD F. LEE & ASSOCIATES, FLORIDA CERTIFICATE NO. 7042.
4. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.
5. THE SITE IS LOCATED IN SECTION 35, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.
6. THE CONTRACTOR SHALL IMPLEMENT ALL COMPONENTS OF THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED, THE ENTIRE PROJECT AREA IS STABILIZED AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE.
7. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.
8. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS.
9. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY CONNECTIONS PRIOR TO BIDDING. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES BUT IS NOT LIMITED TO MANHOLE CORING, WET TAPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.
10. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.
11. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION) AND THE F.D.O.T. DESIGN STANDARDS (CURRENT EDITION) UNLESS OTHERWISE NOTED.
12. IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING GRADING, CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW FINISHED GRADE WITHIN THE CONSTRUCTION LIMITS.
13. THE CONTRACTOR SHALL SUBMIT A NOTICE OF CONSTRUCTION COMMENCEMENT TO THE SUWANNEE RIVER WATER MANAGEMENT DISTRICT AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.

14. THE CONTRACTOR SHALL NOTIFY THE COUNTY AT LEAST 48 HOURS IN ADVANCE OF THE PRESSURE AND LEAKAGE TESTS.
15. NO WORK SHALL BE PERFORMED ON SATURDAY OR SUNDAY WITHOUT WRITTEN NOTIFICATION TO THE COUNTY ENGINEER AND SUWANNEE RIVER WATER MANAGEMENT DISTRICT ENGINEER.
16. CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY MEETING THE REQUIREMENTS OF CHAPTER 61G17 F.A.C. FOR THE STORMWATER MANAGEMENT SYSTEMS. INCLUDE HORIZONTAL AND VERTICAL DIMENSIONAL DATA SO THAT IMPROVEMENTS ARE LOCATED AND DELINEATED RELATIVE TO THE BOUNDARY. PROVIDE SUFFICIENT DETAILED DATA TO DETERMINE WHETHER THE IMPROVEMENTS WERE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. A COPY OF THE AS-BUILT SURVEY (IN PAPER AND DIGITAL AUTOCAD FORMAT) MUST BE SUBMITTED TO THE SUWANNEE RIVER WATER MANAGEMENT DISTRICT AND THE ENGINEER.
17. THE CONTRACTOR SHALL SUBMIT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT ALONG WITH SUPPORTING DOCUMENTATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMIT FEES.
18. IF DURING CONSTRUCTION OR OPERATION OF THE STORM WATER MANAGEMENT SYSTEM, A STRUCTURAL FAILURE IS OBSERVED THAT HAS THE POTENTIAL TO CAUSE THE DIRECT DISCHARGE OF SURFACE WATER INTO THE FLORIDAN AQUIFER SYSTEM, CORRECTIVE ACTIONS DESIGNED OR APPROVED BY A REGISTERED PROFESSIONAL SHALL BE TAKEN AS SOON AS PRACTICAL TO CORRECT THE FAILURE. A REPORT PREPARED BY A REGISTERED PROFESSIONAL MUST BE PROVIDED AS SOON AS PRACTICAL TO THE DEPARTMENT FOR REVIEW AND APPROVAL THAT PROVIDES REASONABLE ASSURANCE THAT THE BREACH WILL BE PERMANENTLY CORRECTED.

SYMBOL LEGEND:

1.  = PROPERTY LINE
2.  = CENTER LINE
3.  = PROPOSED AIR RELEASE VALVE

LINE TYPE LEGEND:

-  W
PROPOSED WATER LINE
-  SAN
PROPOSED SEWER LINE

JOB NUMBER: L180112CCB			
DESIGNED BY:	DS	DRAFTED BY:	KB
CHECKED BY:	GB		
ENGINEER OF RECORD: GREGORY G. BAILEY P.E. NO.: 43858			
DATE: 01/12/2018			
SHEET NO.			

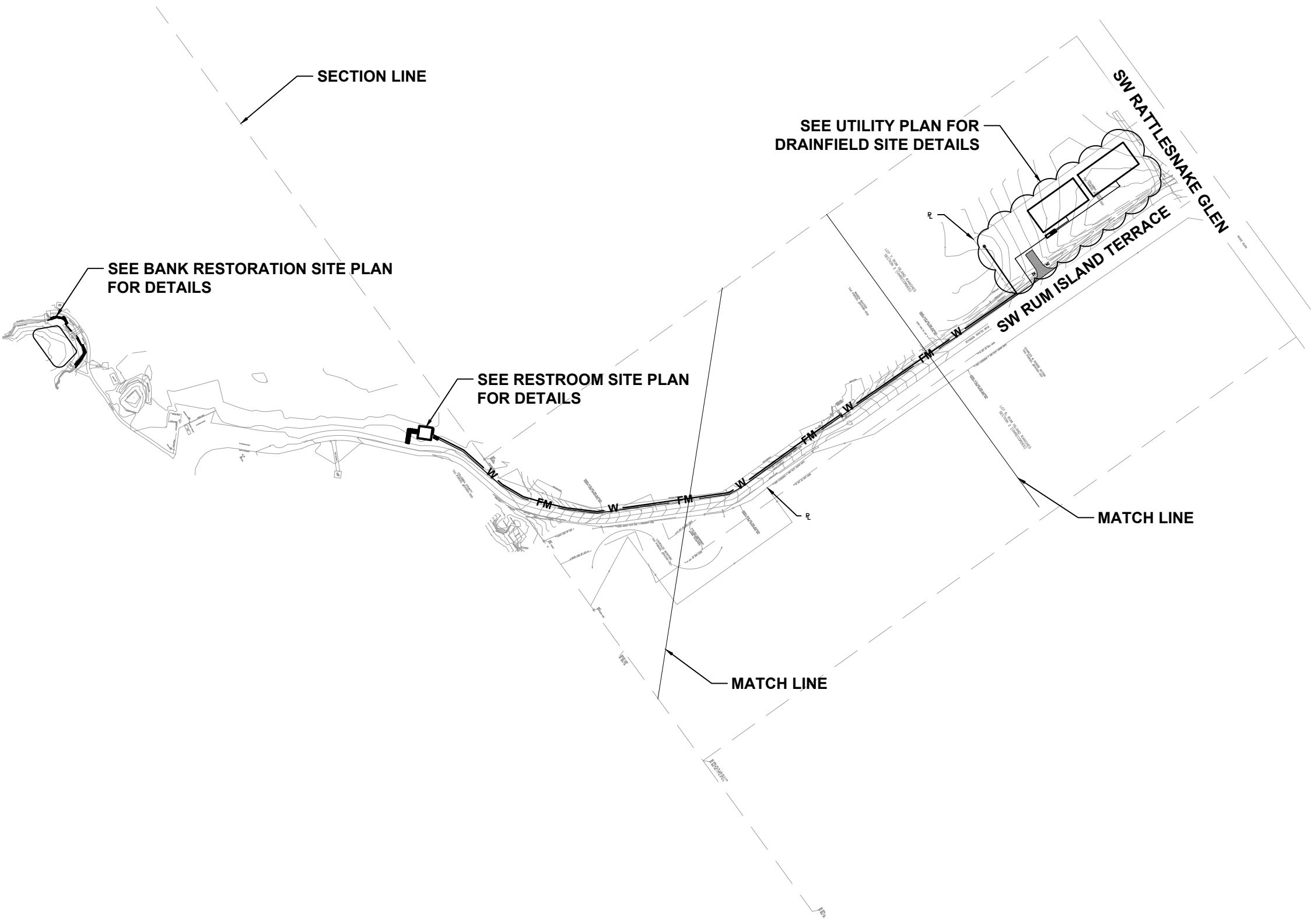
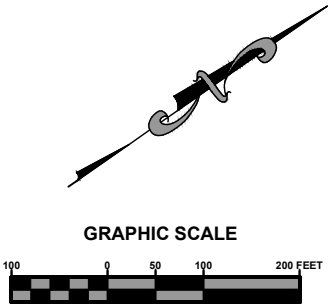
REVISIONS:

GENERAL NOTES & LEGEND
RUM ISLAND SPRINGS PARK IMPROVEMENTS
COLUMBIA COUNTY, FL



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File Location: X:\2018\180112CCBH. CADD\Roadway\CCBdsgrn014 OVERALL SITE PLAN
Date Created: May 2, 2019 Date Last Saved: May 2, 2019 Date Plotted: May 2, 2019
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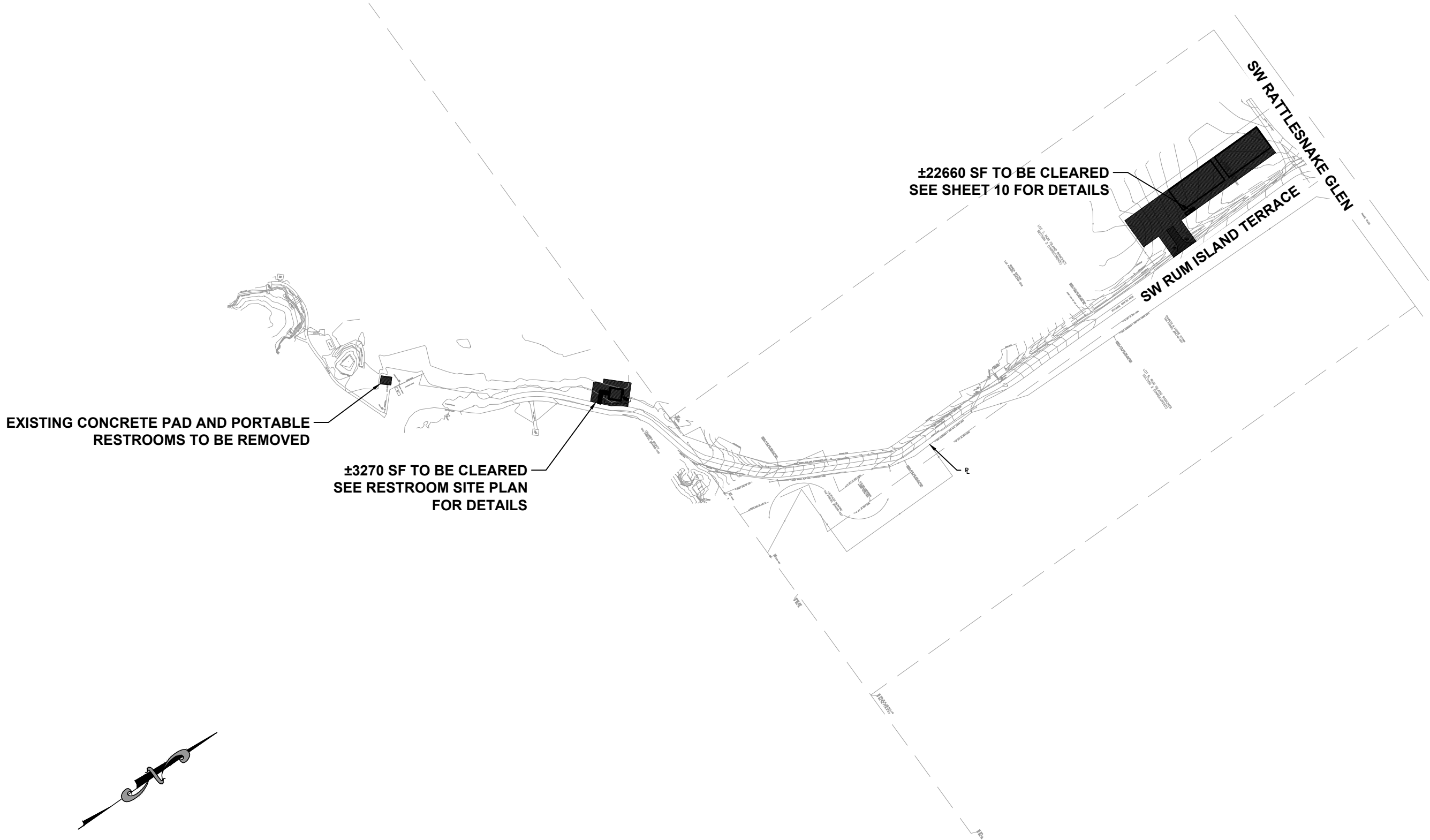
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DATE: 01/12/2018	ENGINEER OF RECORD: PRESTON B. BAILEY	P.E. NO.: 16386	
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REVISIONS:

OVERALL SITE PLAN
RUM ISLAND SPRINGS PARK IMPROVEMENTS
COLUMBIA COUNTY, FL.



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DATE: 01/12/2018	ENGINEER OF RECORD: PRECIOUS BAILEY	P.E. NO.: 16386	
SHEET NO. 5			

REVISIONS:

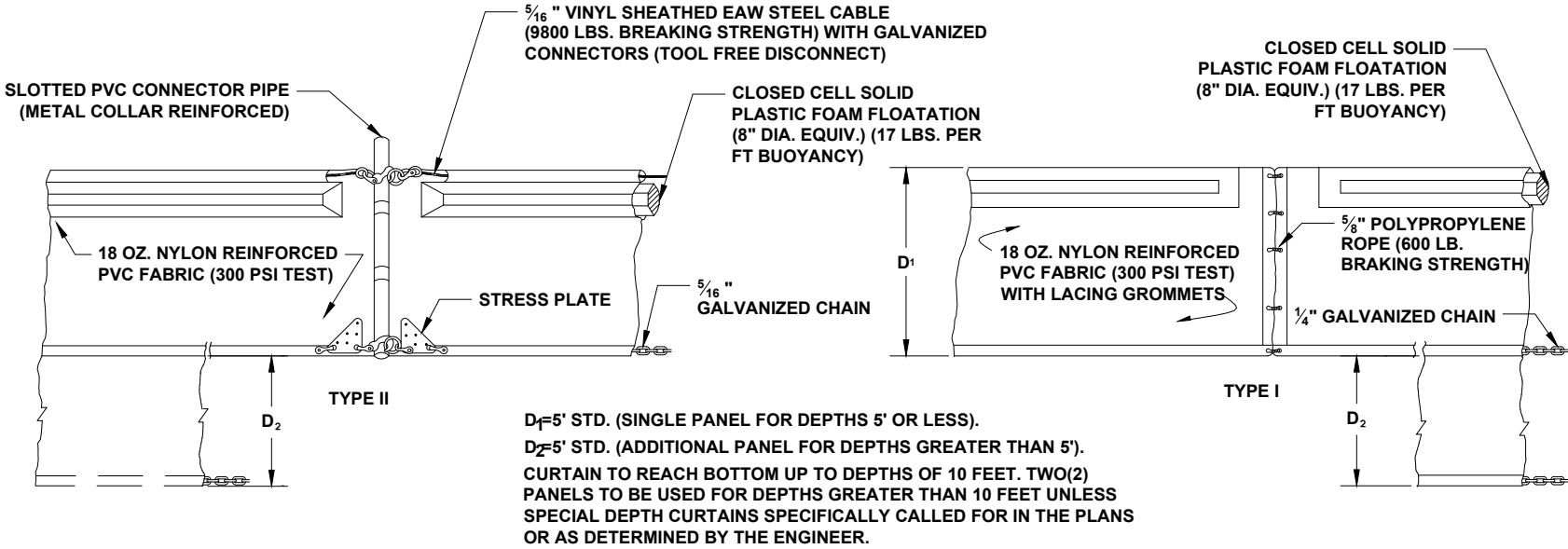
DEMOLITION PLAN
RUM ISLAND SPRINGS PARK IMPROVEMENTS
COLUMBIA COUNTY, FL.



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EROSION CONTROL NOTES

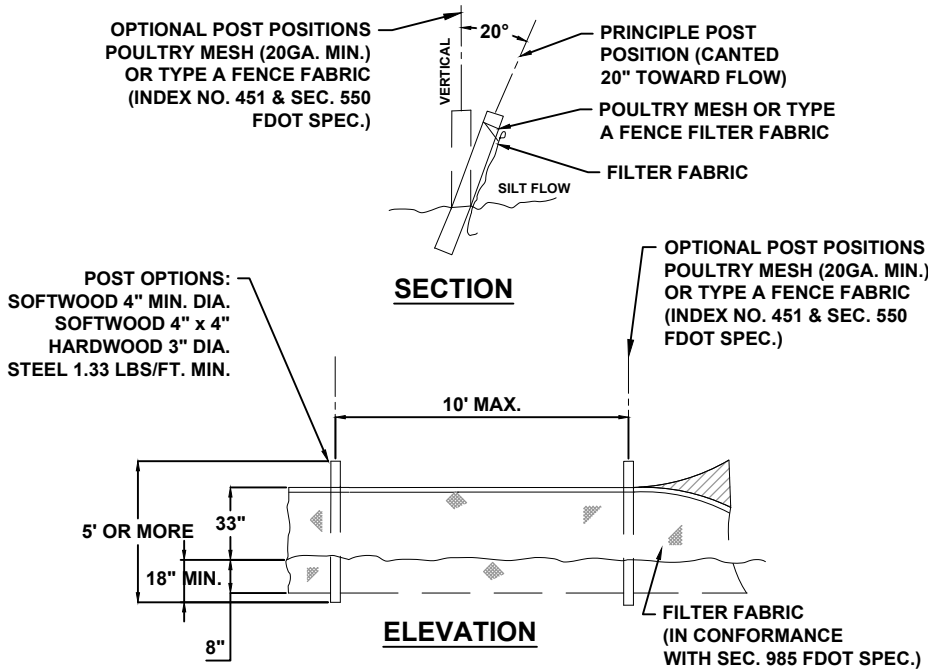
1. THIS EROSION AND SEDIMENTATION CONTROL PLAN COMPLIES WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
2. THE CONTRACTOR SHALL ADHERE TO COLUMBIA COUNTY, SRWMD, AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS. IF THE CONTRACTOR NEEDS TO CHANGE THIS PLAN TO MORE EFFECTIVELY CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR SHALL USE BMP's FROM THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
3. THE CONTRACTOR SHALL ADJUST AND REVISE THIS PLAN TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.
4. SEDIMENT AND EROSION CONTROL FACILITIES, STORM DRAINAGE FACILITIES AND DETENTION BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
5. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL AND REPLACED AS NECESSARY.
6. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
7. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
8. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.
9. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
10. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
11. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.
12. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED, NO BROKEN CONCRETE WILL BE ACCEPTED.
13. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF SYNTHETIC BALES OR SODDING.
14. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN SEVEN DAYS.
15. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
16. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARP.
17. EXCESS DIRT SHALL BE REMOVED DAILY.
18. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS. PERMIT REQUIRED FROM SRWMD HAS BEEN OBTAINED.
19. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALES, THE LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.5 INCHES OR GREATER.
20. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.



1
6

FLOATING TURBIDITY BARRIER

SCALE: N.T.S.



2
6

TYPE IV SILT FENCE

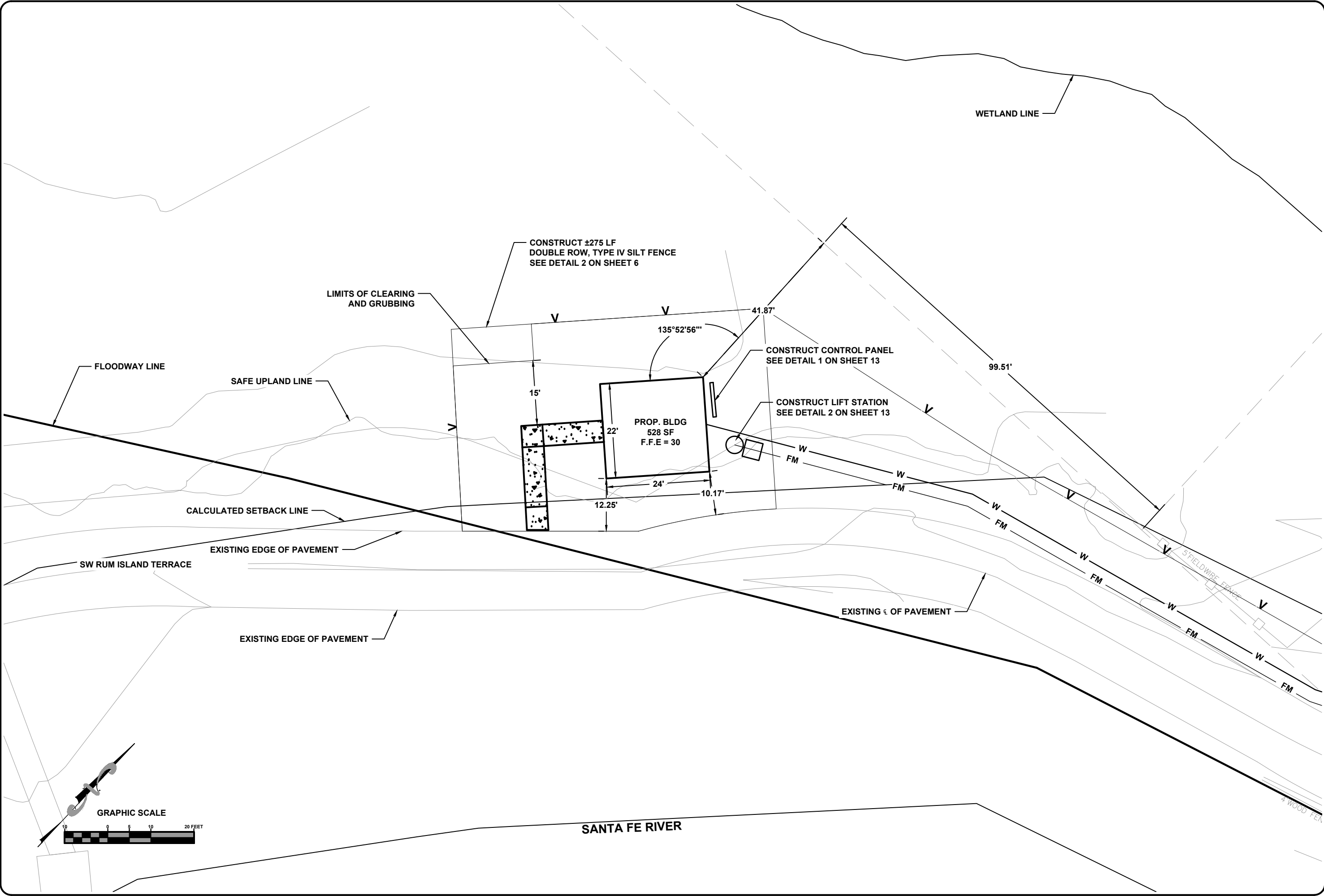
SCALE: N.T.S.



1. SECOND TIER OF GEOTEXTILE FABRIC CONTAINMENT SYSTEM TO BE ADDED IN AREAS WITH STEEPER SLOPES. AREAS SPECIFIED ON PLAN SHEET ARE ESTIMATED, ACTUAL AREAS TO BE DETERMINED BY CONTRACTOR.
2. TO BE FILLED WITH SEDIMENT DREDGED FROM THE SPRING.

- 1. LIMEROCK RUBBLE TO HAVE A MINIMUM SPECIFIC GRAVITY OF 2.2, MINIMUM DIAMETER OF 1", AND MAXIMUM DIAMETER OF 24", AS SPECIFIED IN FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 530-2.1-3.1.**
- 2. NON-EXCAVATABLE FLOWABLE FILL SHALL MEET FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 121.**
- 3. AFTER THE FLOWABLE FILL HAS BEEN PLACED, THE ROCKS SHALL BE THOROUGHLY BRUSHED SO THAT THEIR EXPOSED SURFACES ARE FREE FROM ANY FLOWABLE FILL RESIDUE.**

File Location: X:\2018\180112CCBH.CADD\Roadway\CCBdsgrn018 RESTROOM SITE PLAN
Date Created: May 2, 2019 Date Last Saved: May 2, 2019 Date Plotted: May 2, 2019
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DESIGNED BY: DS	DRAFTED BY: KB	CHECKED BY: GB	
ENGINEER OF RECORD: REGINA M. BAILEY			
P.E. NO.: 14386			
DATE: 01/12/2018			
SHEET NO. 8			



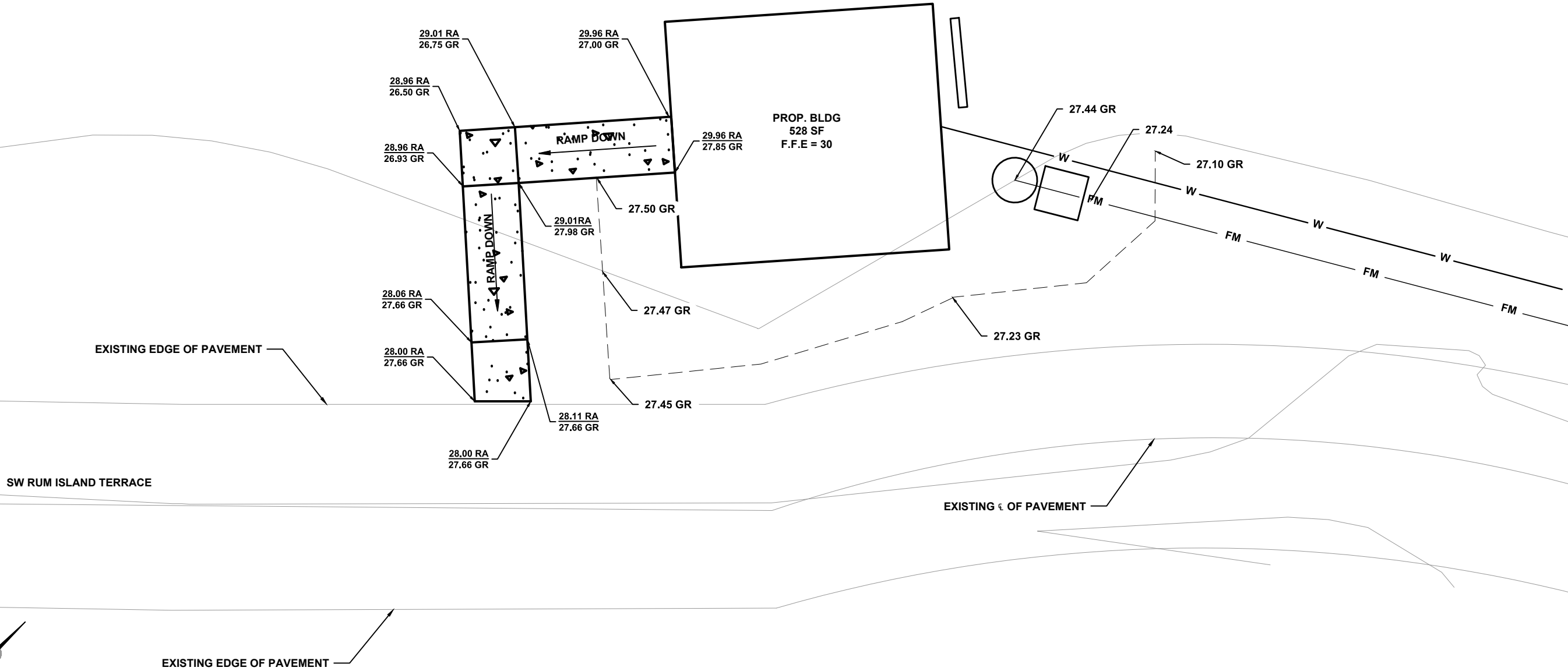
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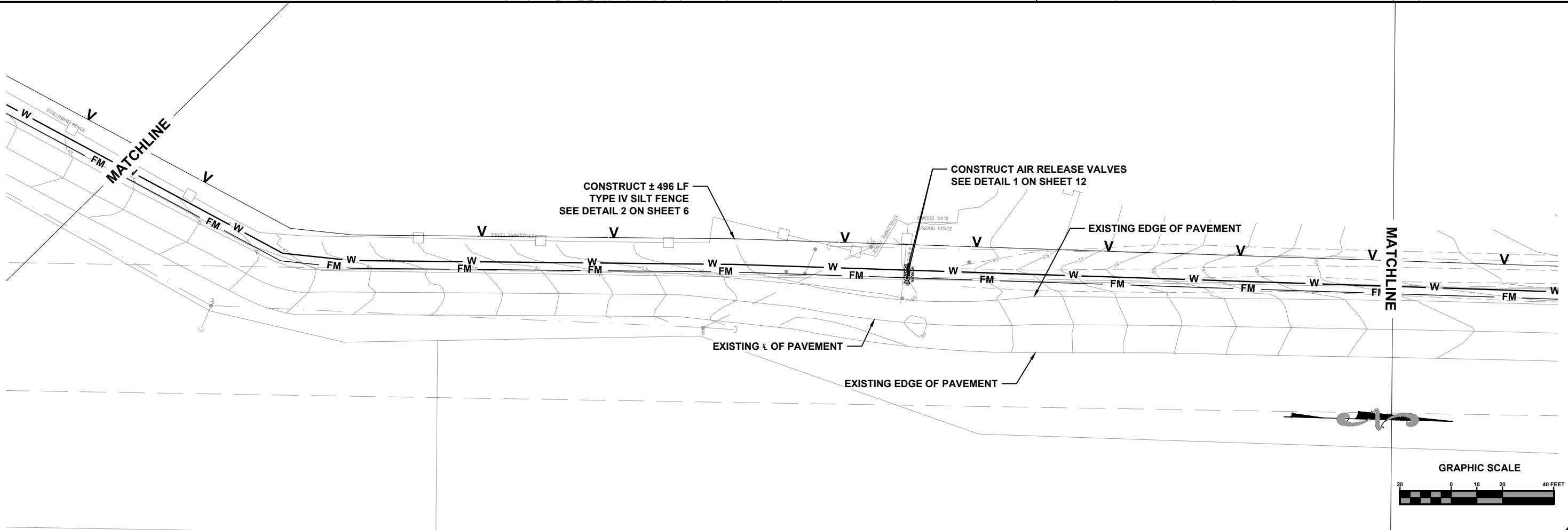
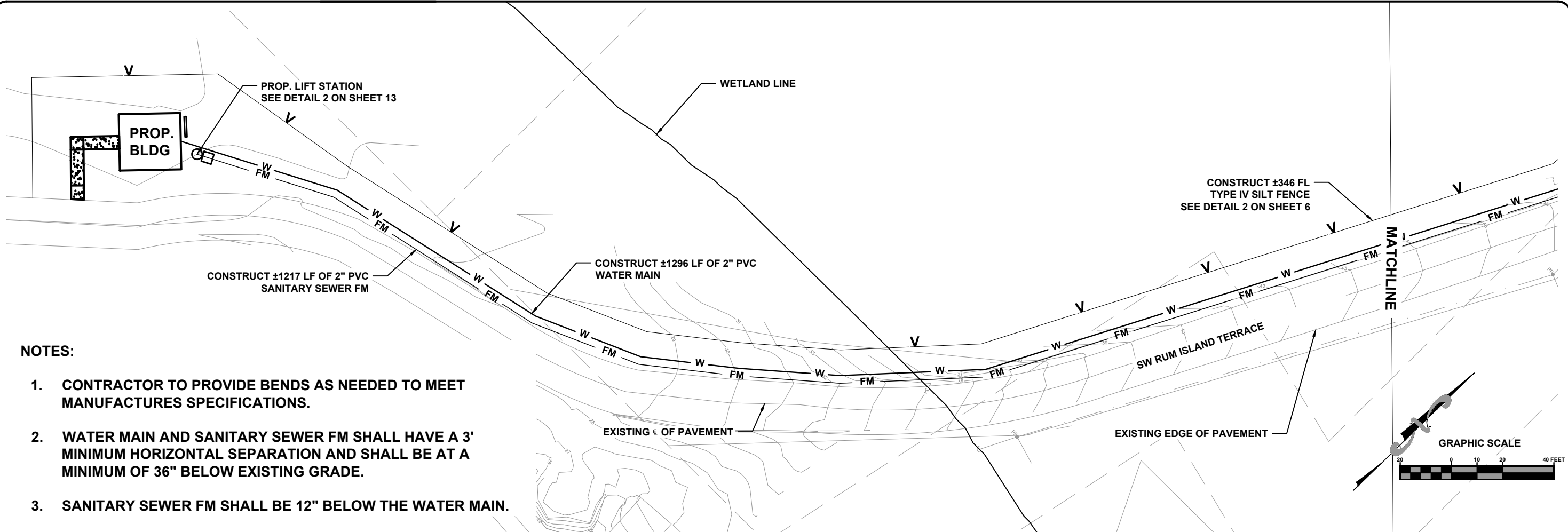
RESTROOM SITE PLAN
RUM ISLAND SPRINGS PARK IMPROVEMENTS
COLUMBIA COUNTY, FL

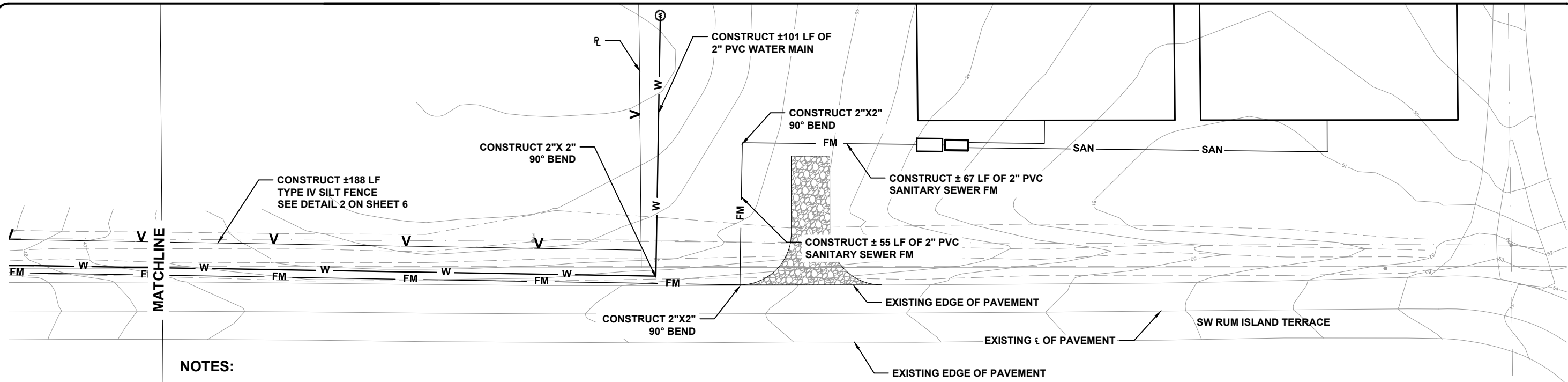
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Date Created: May 2, 2019 Date Last Saved: May 2, 2019 Date Plotted: May 2, 2019
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NOTE:
CONTRACTOR SHALL CONSTRUCT TO
ALLOW FOR POSITIVE DRAINAGE FROM BUILDING.

LEGEND:
RA- TOP OF RAMP
GR- PROPOSED GROUND





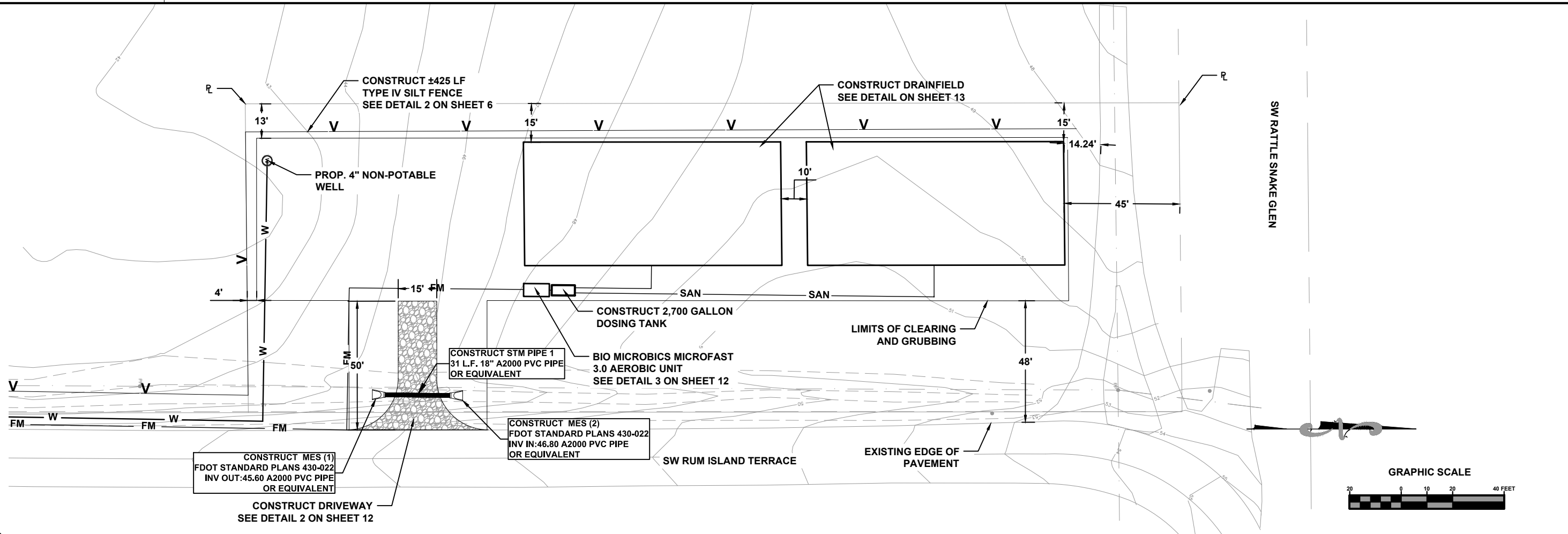
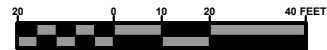


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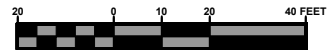
1. CONTRACTOR TO PROVIDE BENDS AS NEEDED TO MEET MANUFACTURES SPECIFICATIONS.
2. WATER MAIN AND SANITARY SEWER FM SHALL HAVE A 3' MINIMUM HORIZONTAL SEPARATION AND SHALL BE AT A MINIMUM OF 36" BELOW EXISTING GRADE.
3. SANITARY SEWER FM SHALL BE 12" BELOW THE WATER MAIN.

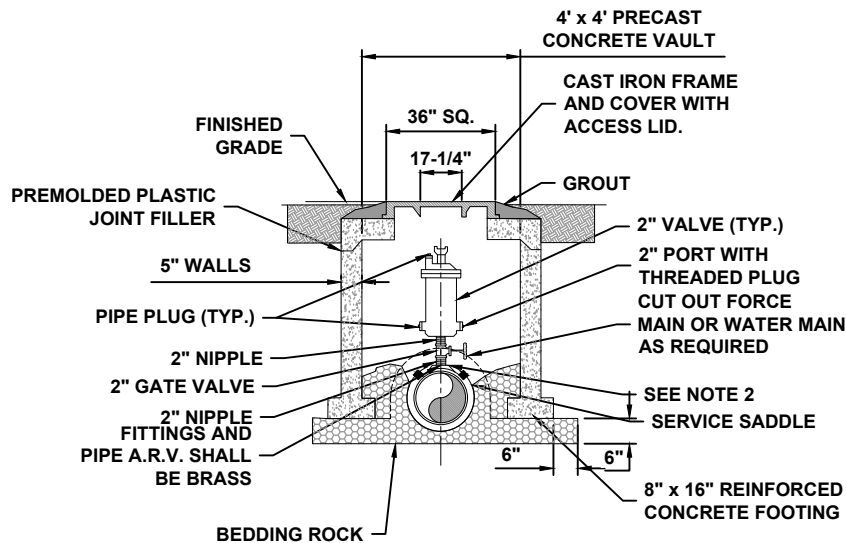


GRAPHIC SCALE



GRAPHIC SCALE

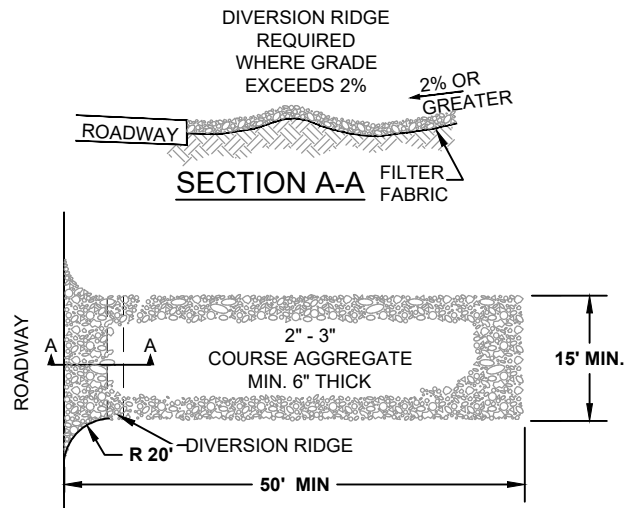




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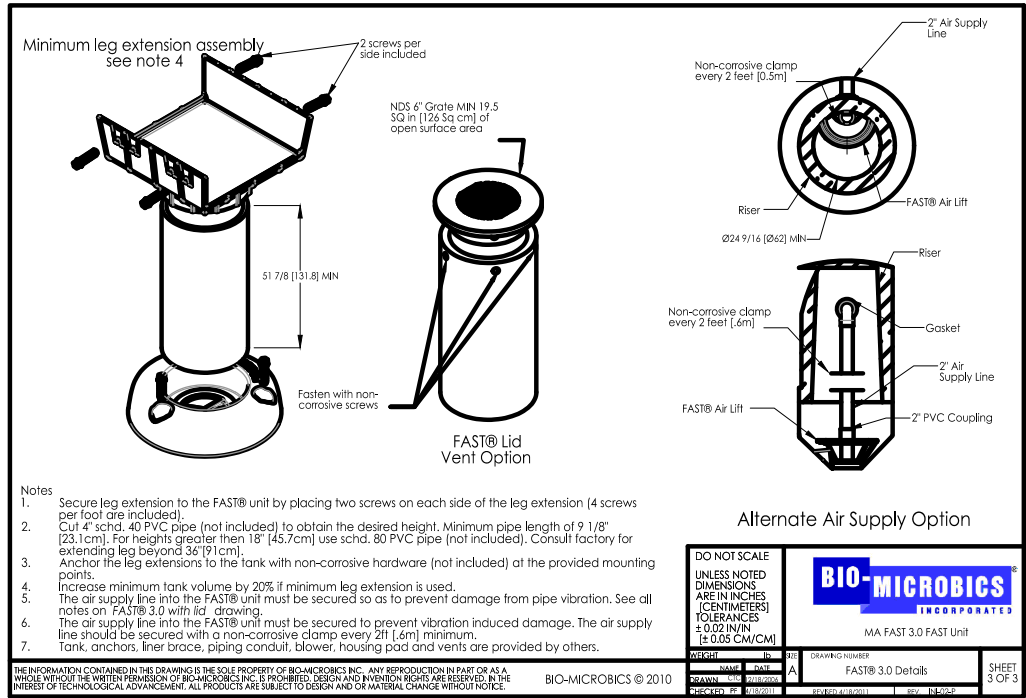
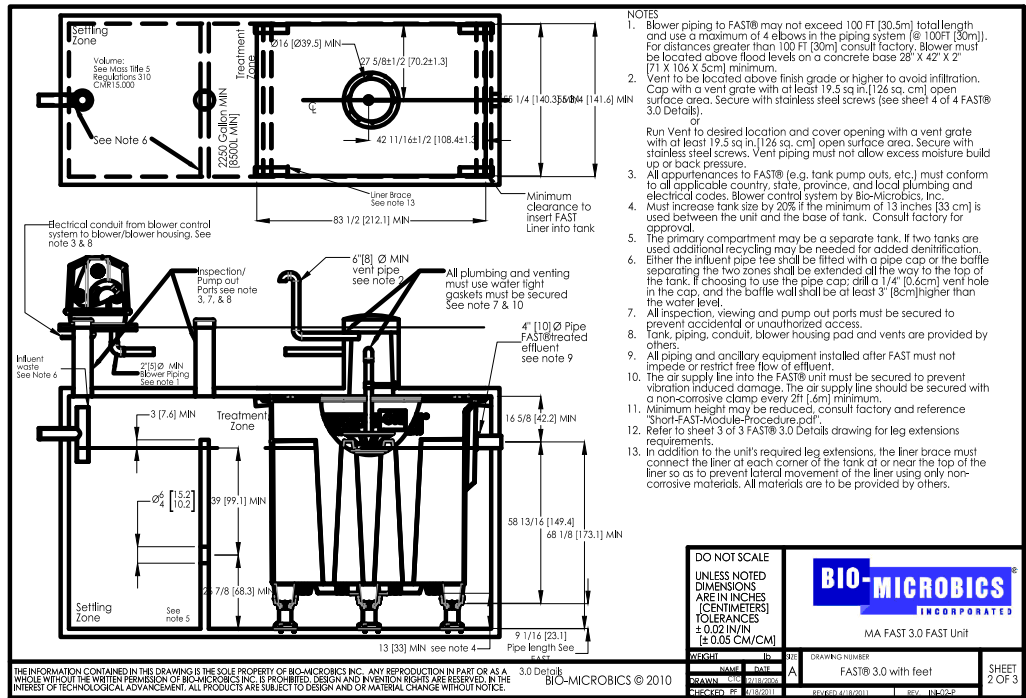
1. ABOVE DETAIL IS BASED ON 2" COMBINATION AIR/VACUUM RELEASE VALVE. CHANGE PIPE AND FITTINGS ACCORDINGLY FOR OTHER VALVE SIZES AND TYPES.
2. THE MINIMUM DIMENSION FROM TOP OF PIPE TO FINISHED GRADE SHALL BE 3.0 FEET.

1
12 AIR AND/OR VACCUM RELEASE VALVE
SCALE: N.T.S.

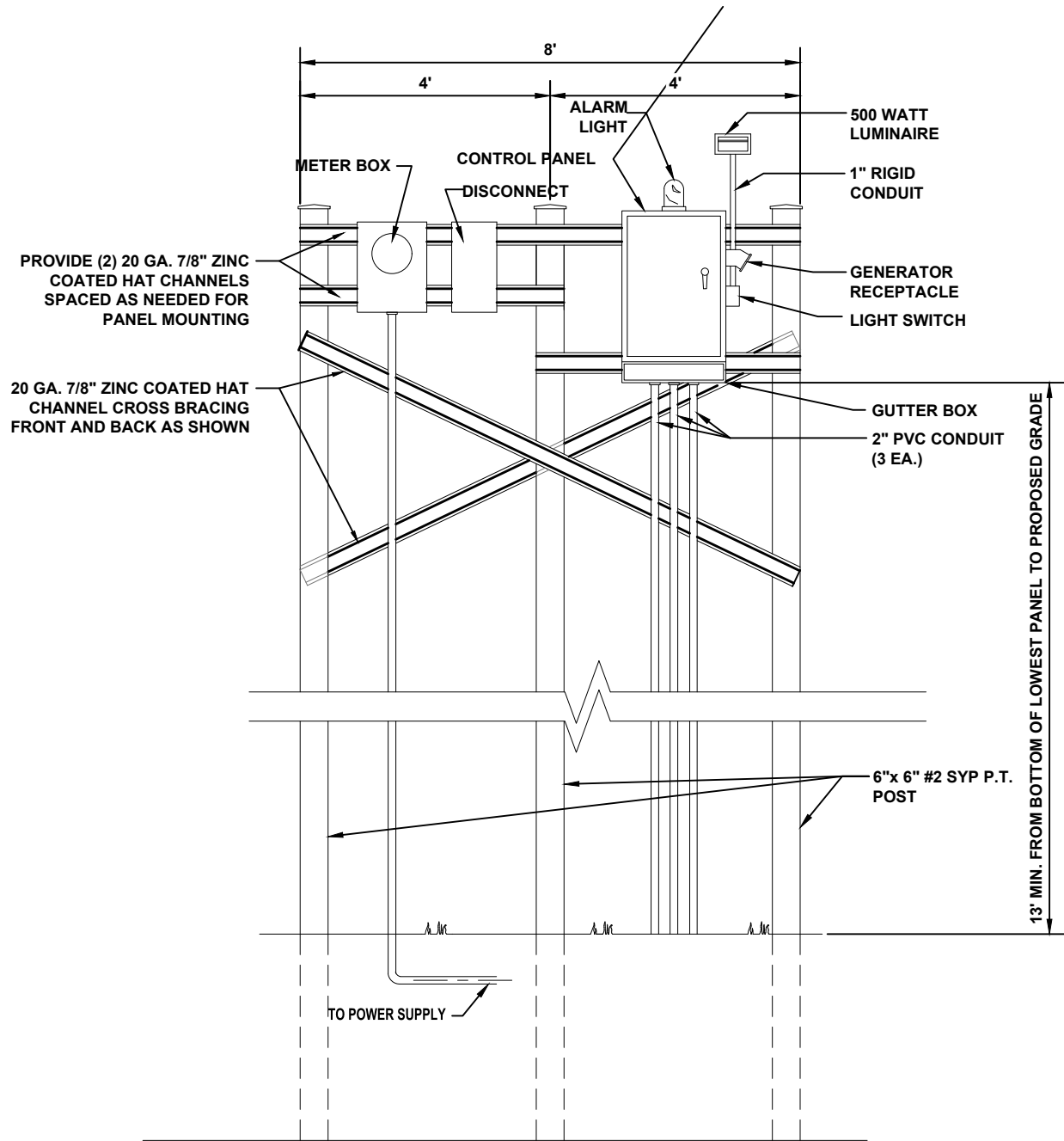


PLAN

2
12 DRIVEWAY TYPICAL
SCALE: N.T.S.



3
12 BIOMICROBICS MICROFAST 3.0 ATU DETAIL
SCALE: N.T.S.

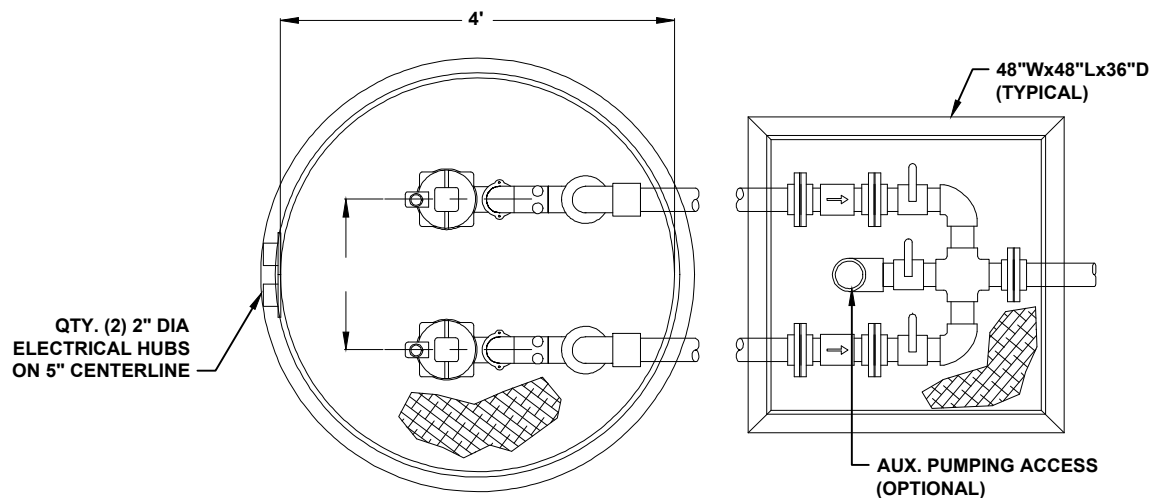


CONTROL PANEL

CONTROL PANEL NOTES:

1. CONTROL PANEL ASSEMBLY SHALL BE LOCATED AT PUMP STATION SITE.
2. PUMP CONTROL PANEL SHALL BE SUPPLIED BY PUMP MANUFACTURER AND GENERALLY CONSIST OF A 30"Wx36"H NEMA TYPE 4X ENCLOSURE CONSTRUCTED OF 304 STAINLESS STEEL AND UL LISTED.
3. A 12"x12"x30" 304 STAINLESS STEEL GUTTER BOX SHALL BE ATTACHED TO THE CONTROL PANEL BY COMPRESSION CORD CONNECTORS ONLY (SIZED FOR THE PUMP, SEAL, AND CONTROL LEADS). NO SEAL OFF FITTINGS SHALL BE INSTALLED IN THE CONDUITS. AN EFFECTIVE SEAL SHALL BE MADE BETWEEN THE CONTROL PANEL AND THE GUTTER BOX.
4. CONTRACTOR SHALL INSTALL ALL MOUNTING COMPONENTS (GALVANIZED POSTS, UNISTRUTS, ETC.), CONTROL PANEL, GUTTER BOX, PVC CONDUITS TO WET WELL, POLE LIGHT AND SWITCH, METER BOX AND DISCONNECT, AND POWER CONNECT TO NEAREST POWER SUPPLY.

1
13 CONTROL PANEL DETAIL
SCALE:NO SCALE



HIGH WATER ALARM ELEV.	24.0
LAG PUMP ON ELEV.	23.5
LEAD PUMP ON ELEV.	23.0
PUMPS OFF ELEV.	20.3

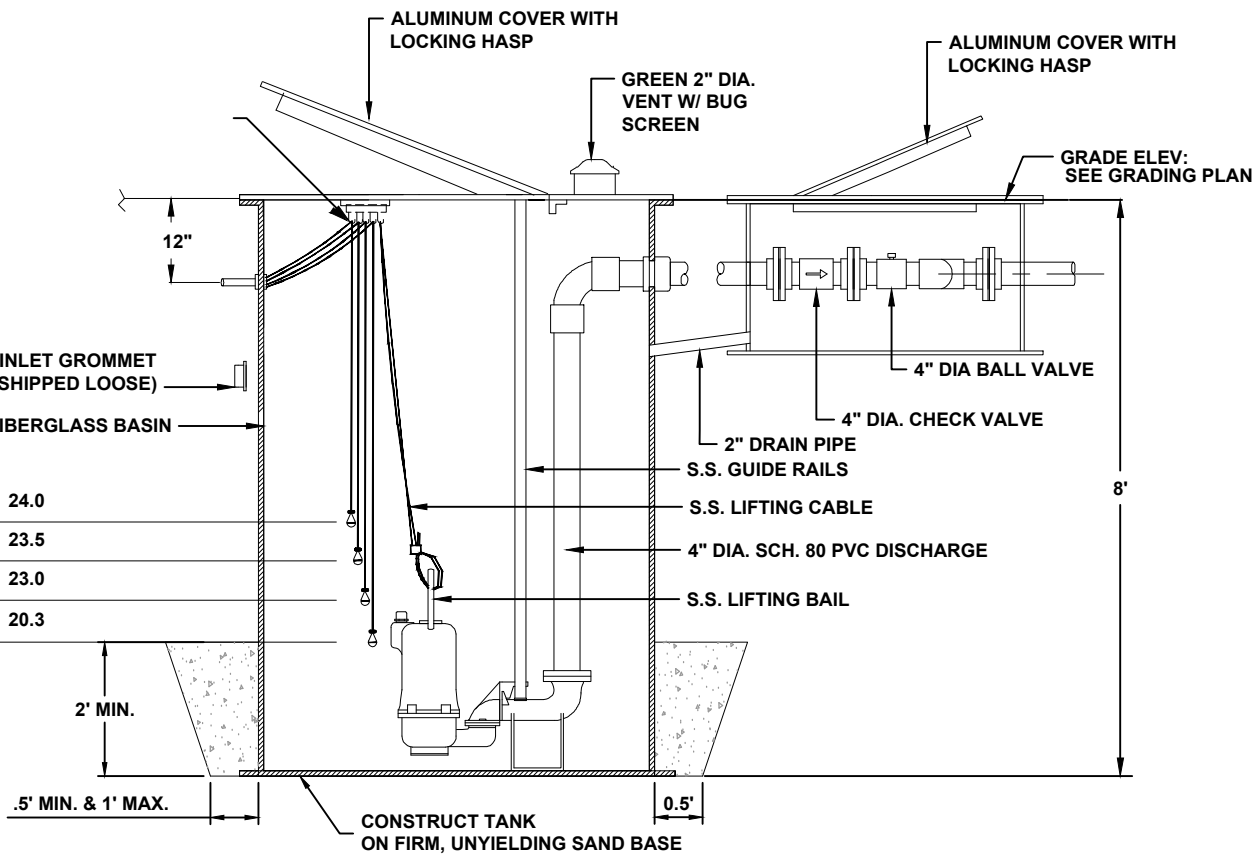
NOTE:

1. CONTRACTOR TO CONSTRUCT MIN. OF 3 CUBIC YARDS OF CONCRETE TO BE PLACED OVER THE BASE FLANGE TO PREVENT FLOTATION.
2. SLOPE AND SIZE OF EXCAVATION AS PER OSHA SPECIFICATION.

2
13 FIBERGLASS LIFT STATION DETAIL

PUMP SPECIFICATIONS	
PUMPS REQ'D	2
MANUFACTURER	HYDRAMATIC
MODEL NUMBER	HVS200M2-2
PUMP SIZE	15.81"
CAPACITY EACH (GPM)	31
TOTAL HEAD (FEET)	138
IMPELLER DIA.	4.5"
MOTOR HP REQ'D	2 HP
SPEED (RPM)	3450
ELECTRICAL	230V/1Ø/60Hz

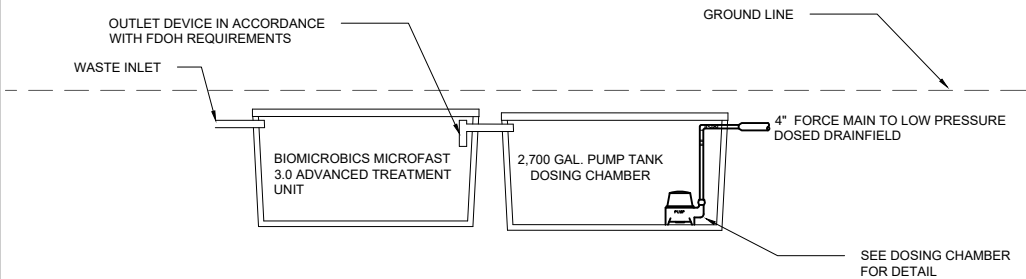
TANK	
A (DIA)	B (HEIGHT)
48"	96"



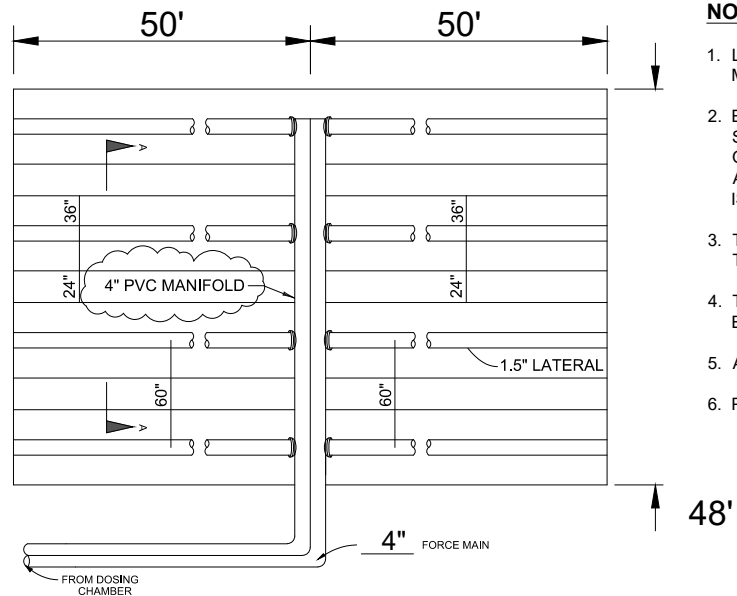
File Location: X:\2018\180112CCBH. CADD\Roadway\Rum Island Spetic\14 SEPTIC SYSTEM DETAILS
Date Created: March 1, 2019
Date Last Saved: January 24, 2019
Date Plotted: May 2, 2019

NOTES:

1. ALL SYSTEM COMPONENTS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOH REQUIREMENTS (CH. 64E-6 F.A.C.), AND FDOH SYSTEM PERMIT
2. CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES AND REQUIREMENTS.

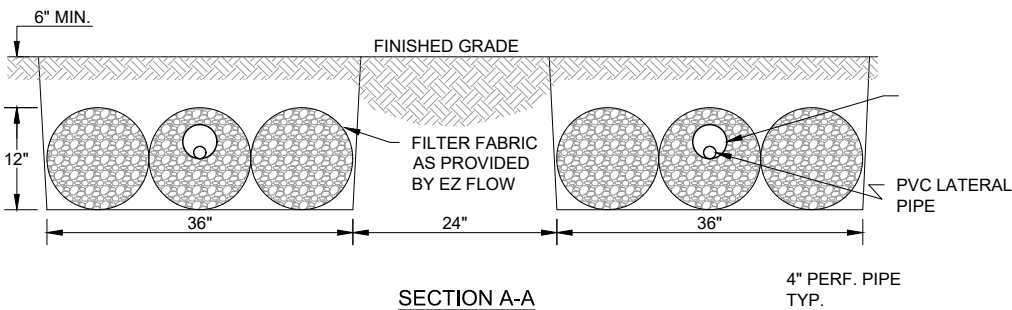
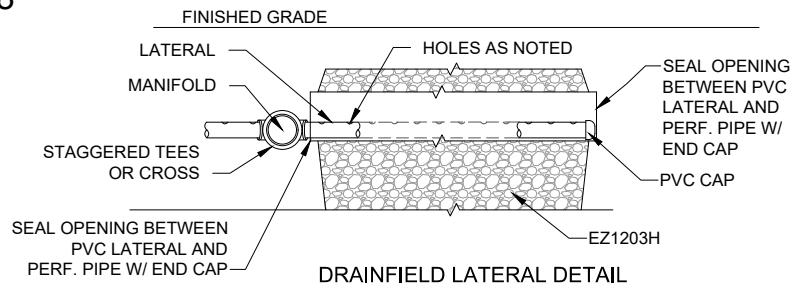


TREATMENT TRAIN PROFILE



NOTES:

1. LOW PRESSURE NETWORK TO CONSIST OF 10-1.5" PVC LATERALS EACH SIDE (20 TOTAL) OF 4" PVC MANIFOLD.
2. EACH LATERAL SHALL BE DRILLED ON A STRAIGHT LINE ALONG THE LENGTH OF THE PIPE. ALL HOLES SHALL BE DRILLED PERPENDICULAR TO THE PIPE AND NOT AT AN ANGLE. HOLES SHALL BE SPACED 6' ON CENTER STARTING 24" FROM THE MANIFOLD AND SHALL BE 1/4" IN DIAMETER. ALL BURRS LEFT AROUND THE HOLES INSIDE THE PIPE SHALL BE REMOVED. REAMING OR ENLARGING OF THE ORIFICE IS NOT ALLOWED.
3. THE LATERALS SHALL BE ATTACHED TO THE MANIFOLD SUCH THAT THE PERFORATIONS LIE ALONG THE CROWN OF THE PIPE.
4. THE LOW PRESSURE NETWORK SHALL BE GRADED SUCH THAT VARIATIONS IN ELEVATION SHALL NOT EXCEED 0.20'.
5. ALL PIPING SHALL BE SCHEDULE 40 PVC.
6. PVC LATERALS SHALL BE PLACED INSIDE EZ1203H DRAINFIELD PIPE SYSTEM.

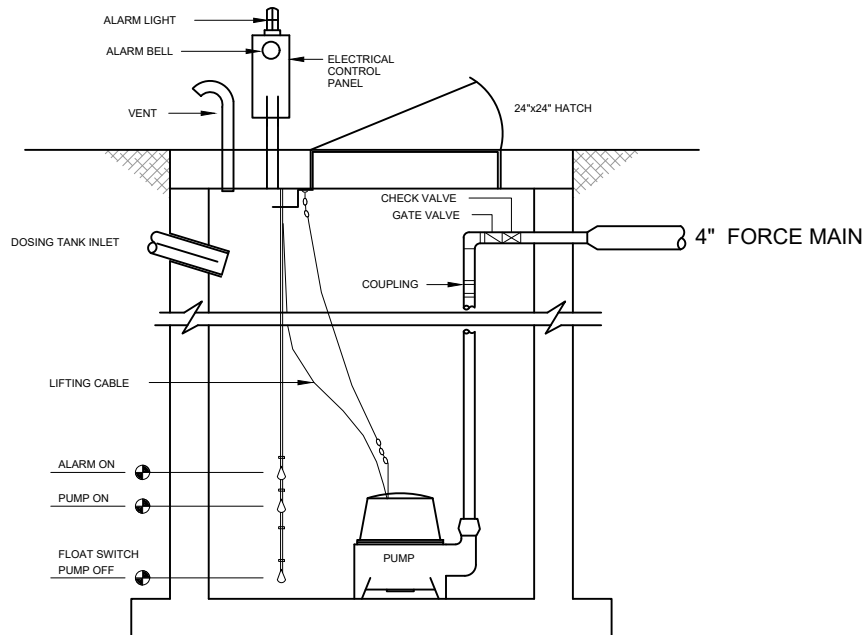


LOW PRESSURE NETWORK TYPICAL DRAINFIELD

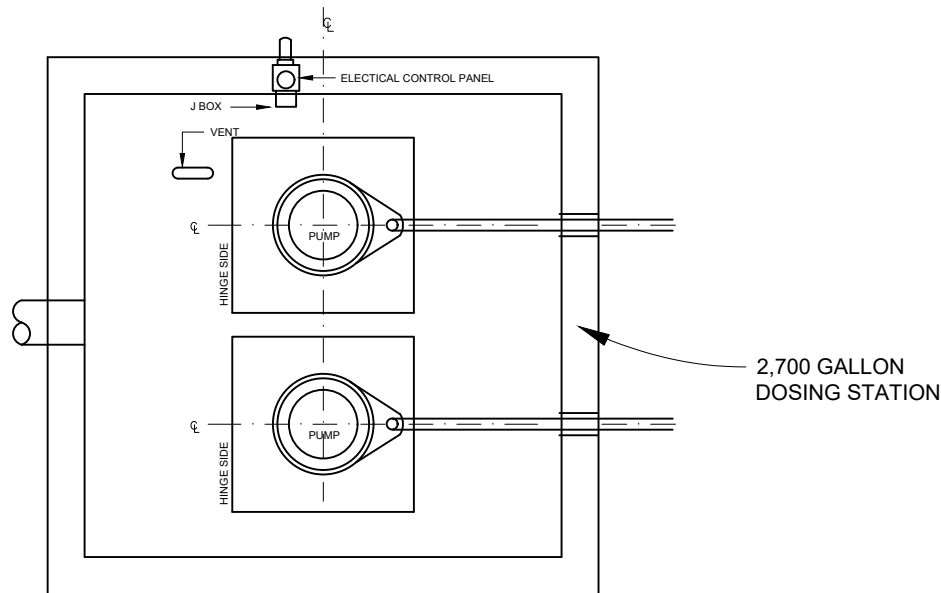
DRAINFIELD DETAIL

NOTES:

1. THE PUMPS SHALL BE PLACED IN A SINGLE DOSING TANK W/ A CONTROL PANEL.
2. THE PUMP ON AND OFF LEVELS SHALL BE SET TO PUMP 346 GALLONS EACH CYCLE.
3. THE PUMPS SHALL BE SET TO DOSE ALTERNATELY.



SECTION DUPLEX DOSING CHAMBER



TOP VIEW

GPM	TDH	BHP
187	13.42	1 1/2



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SEPTIC SYSTEM DETAILS
RUM ISLAND SPRINGS PARK IMPROVEMENTS
COLUMBIA COUNTY, FL

REVISIONS:

DESIGNED BY:	DRAFTED BY:	CHECKED BY:
DS	KB	GB
ENGINEER OF RECORD: REGINA BAILEY P.E. NO. 14886		
DATE: 01/12/2018		
SHEET NO. 14		