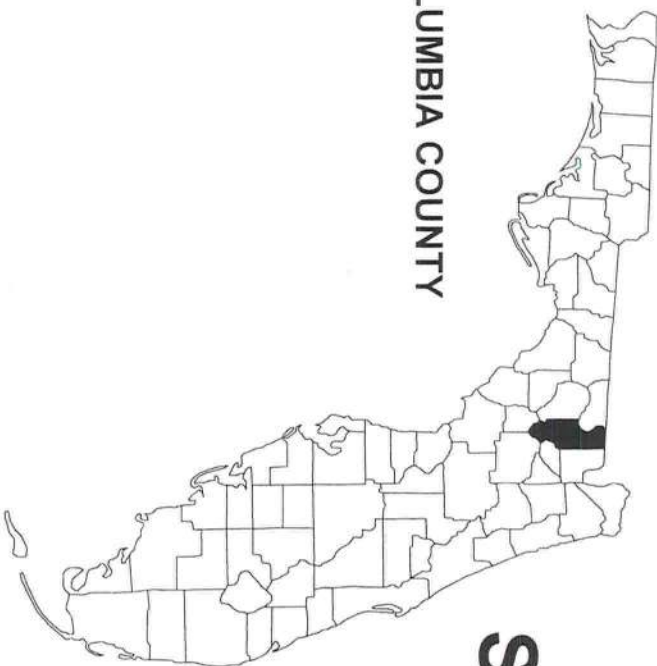


COLUMBIA COUNTY



Blk #1200

1	COVER SHEET
2	NOTES
3	EXISTING CONDITIONS
4	OVERALL SITE PLAN
5	SITE PLAN
6	STORMWATER PLAN
7	GRADING PLAN
8	LANDSCAPE PLAN
9	EROSION CONTROL PLAN
10	MISC. DETAILS
NA	FIRE DEPARTMENT PLAN

Gregory G Bailey

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED. THE
SIGNATURE MUST BE VERIFIED IN THE
ELECTRONIC DOCUMENTS.

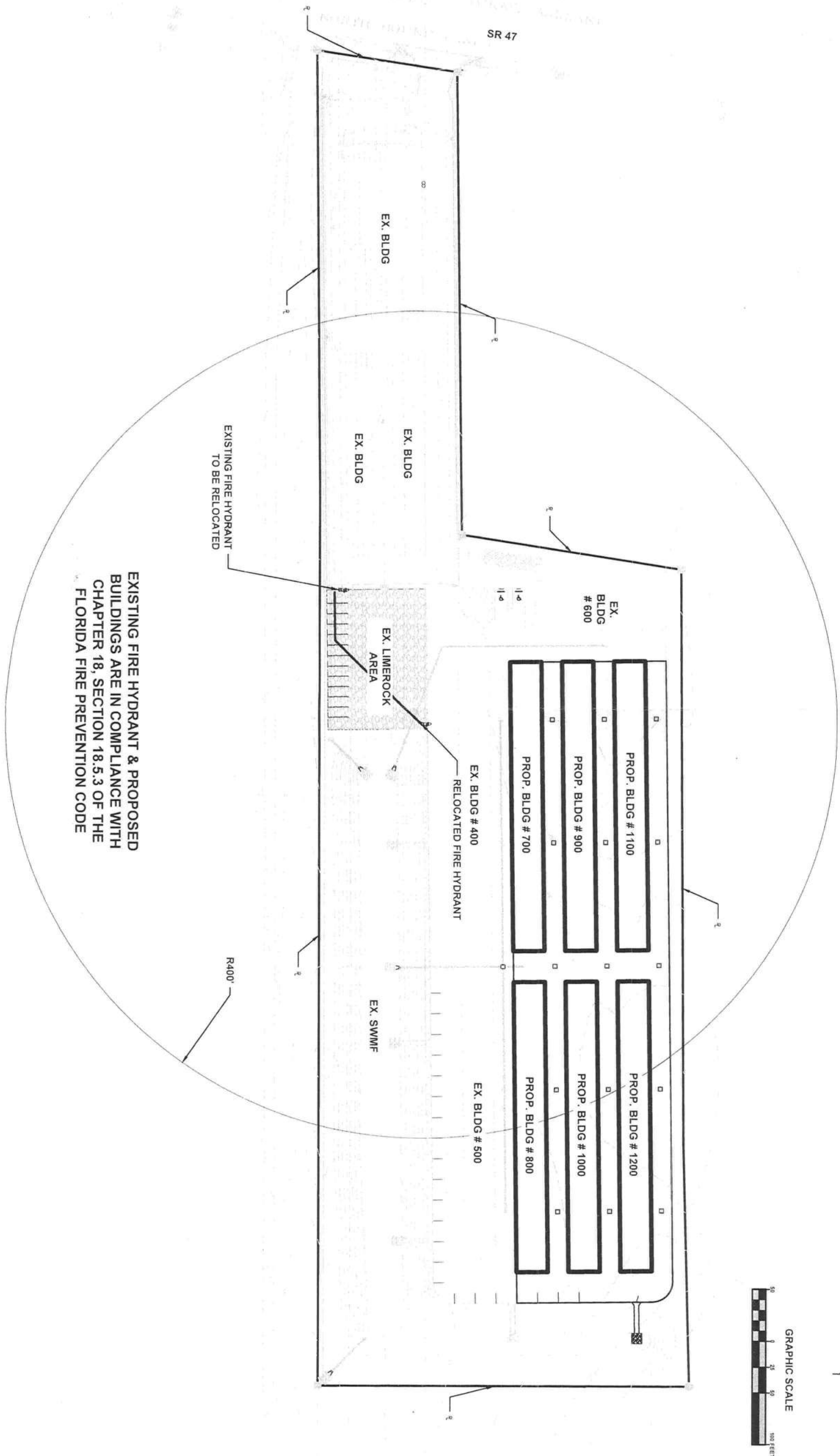
NORTH FLORIDA PROFESSIONAL SERVICES, INC
P.O. BOX 3823
LAKE CITY, FL 32056
CERTIFICATE OF AUTHORIZATION: 29011
GREGORY G. BAILEY, P.E. NO. 43858

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

PLANS PREPARED FOR:

MINI STORAGE & RECORD STORAGE OF LAKE CITY
442 SW SAINT MARGARET ST
LAKE CITY, FL 32025
386-752-7092

**FOR COUNTY SUBMITTAL ONLY
NOT FOR CONSTRUCTION
1/9/20**



GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE 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 THE COLUMBIA COUNTY, FLORIDA (DEPARTMENT OF GROWTH MANAGEMENT) OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE ISSUED SUWANNEE RIVER WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMIT.
3. 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.
4. BOUNDARY INFORMATION SHOWN, WAS OBTAINED FROM A BOUNDARY SURVEY PREPARED BY BRITT SURVEYING.
5. 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.
6. THE SITE IS LOCATED IN SECTION 18, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.
7. 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.
8. ALL DISTURBED AREAS NOT SODED 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.
9. 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.
10. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.
11. 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.
12. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.
13. CONTRACTOR SHALL PROVIDE ACTUAL INVERT ELEVATIONS ON ALL DRAINAGE STRUCTURES, INCLUDING CULVERTS, PRIOR TO PLACING ANY BASE MATERIAL. DEVIATIONS FROM THE PLANS SHALL BE APPROVED BY THE ENGINEER BEFORE CONTINUING WORK.
14. 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), AWWA SPECIFICATIONS, AND COLUMBIA COUNTY DEVELOPMENT STANDARDS UNLESS OTHERWISE NOTED.

15. IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING GRADING, CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW FINISHED GRADE WITHIN THE CONSTRUCTION LIMITS.

16. THE CONTRACTOR SHALL NOTIFY THE COUNTY AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.

17. 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 ENGINEER.

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 FLORIDIAN 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.

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 HAY 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 TARPS.

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.

NOTES

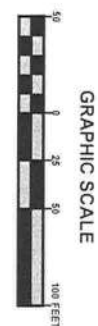
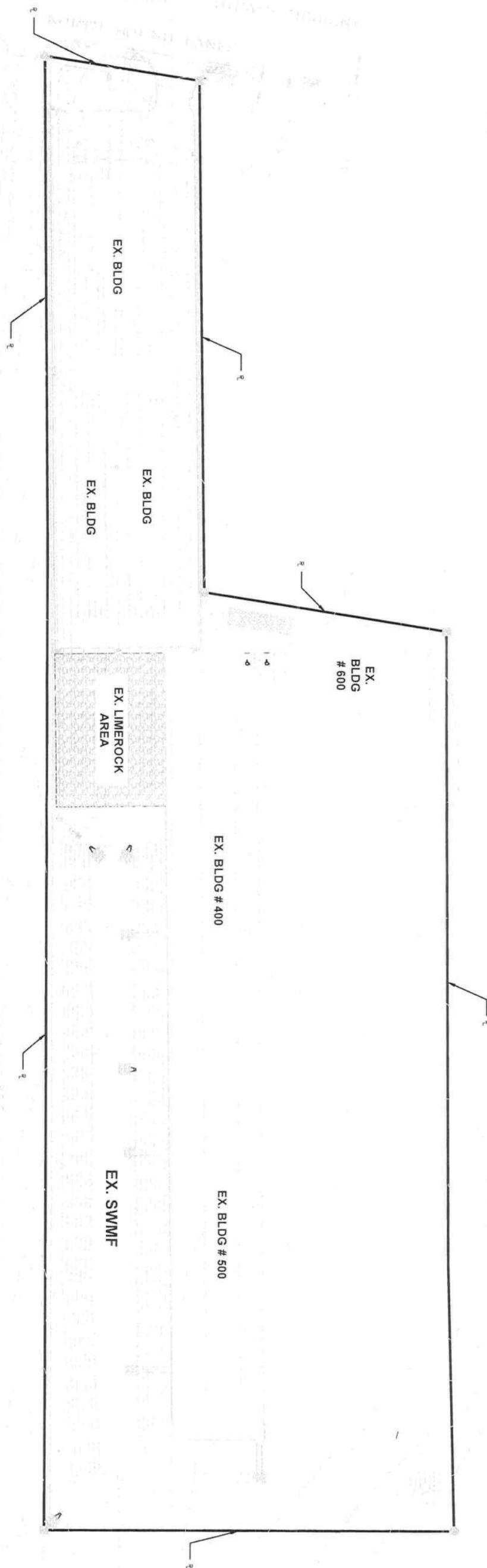
MINI STORAGE SITE EXPANSION 2



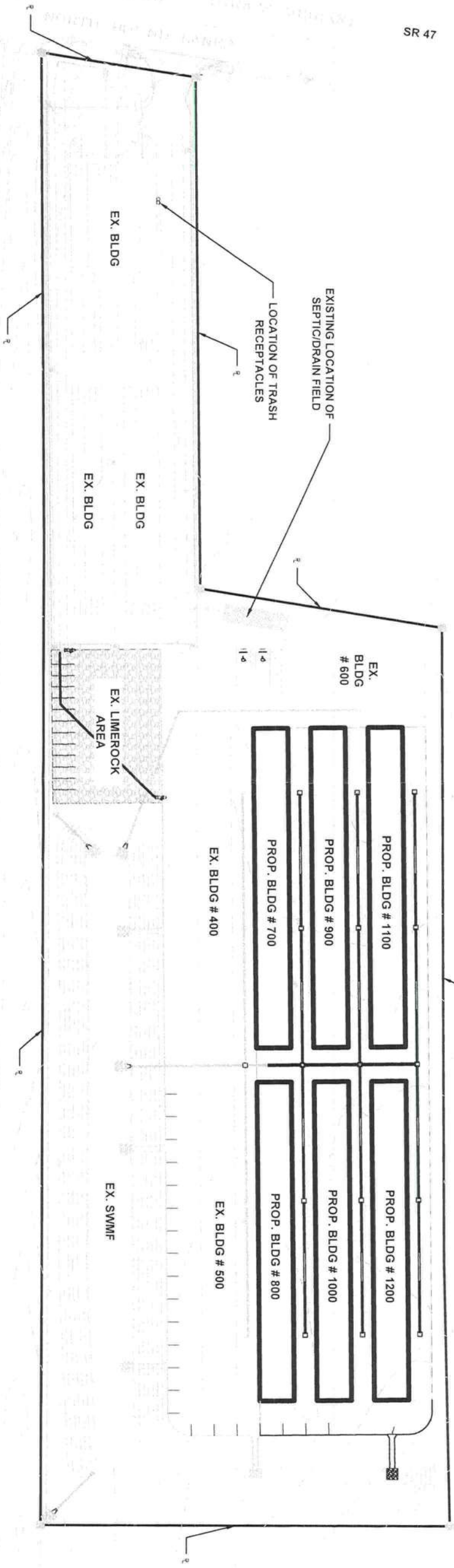
North Florida Professional Services, Inc.
P.O. BOX 3823
Lake City, FL 32025
P.O. BOX 180998
Tallahassee, FL 32318

JOB NUMBER: L180115MIN		
DESIGNED BY:	DRAFTED BY:	CHECKED BY:
KB	KB	GB
ENGINEER OF RECORD: GREGORY G. BAILEY		

REVISIONS:



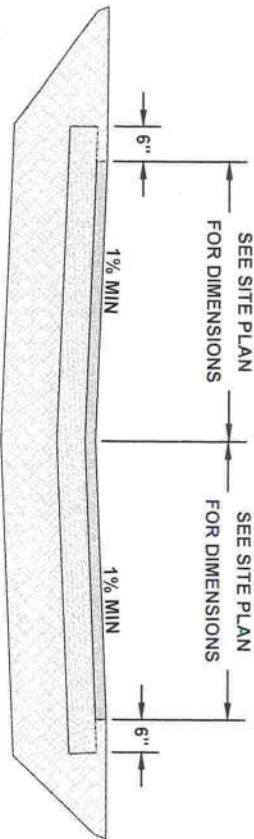
SR 47



SITE DATA TABLE					
MINI STORAGE SITE EXPANSION					
PARCEL ID NUMBER	18-4S-17-08479-005				
ZONING	COMMERCIAL INTENSIVE				
LAND USE	COMMERCIAL				
CITY COUNCIL DISTRICT NUMBER	5				
PHYSICAL ADDRESS	2529 STATE ROAD 47				
PROJECT PROPERTY BOUNDARY		SQ. FT.	ACRES	% OF SITE	% OF LOC.
TOTAL PROPERTY BOUNDARY AREA	344560	7.91	100.00%	100.00%	
PROJECT AREA / LIMITS OF CONSTRUCTION (LOC)	344560	7.91	100.00%	100.00%	
BOTH ON-SITE & OFF-SITE	344560	7.91	100.00%	100.00%	
EXISTING IMPERVIOUS AREA ON-SITE					
EXISTING ASPHALT PAVEMENT	81102	1.86	23.54%	23.54%	
EXISTING CONCRETE	3356	0.08	0.97%	0.97%	
EXISTING BUILDING	45175	1.04	13.11%	13.11%	
EXISTING STORMWATER MANAGEMENT FACILITY	65308	1.50	18.95%	18.95%	
TOTAL EXISTING IMPERVIOUS AREA ON-SITE	194941	4.48	56.58%	56.58%	
PROPOSED IMPERVIOUS AREA ON-SITE					
EXISTING ASPHALT PAVEMENT TO REMAIN	81102	1.86	23.54%	23.54%	
EXISTING CONCRETE TO REMAIN	3356	0.08	0.97%	0.97%	
EXISTING BUILDING TO REMAIN	45175	1.04	13.11%	13.11%	
EXISTING STORMWATER MANAGEMENT FACILITY TO REMAIN	65308	1.50	18.95%	18.95%	
PROPOSED ASPHALT PAVEMENT	42515	0.98	12.34%	12.34%	
PROPOSED CONCRETE	240	0.01	0.07%	0.07%	
PROPOSED BUILDING	50400	1.16	14.63%	14.63%	
PROPOSED STORMWATER MANAGEMENT FACILITY	0	0.00	0.00%	0.00%	
TOTAL PROPOSED IMPERVIOUS AREA ON-SITE	288066	6.61	83.61%	83.61%	
TOTAL PROPOSED IMPERVIOUS AREA ON-SITE	56464	1.30	16.39%	16.39%	
REQUIRED PARKING LANDSCAPE AREA ON-SITE	4252	0.10	1.23%	1.23%	
REQUIRED PARKING	9000	0.21	2.61%	2.61%	
PROVIDED PARKING					
		34 SPACES - 0 H.C. SPACES			
		34 SPACES - 0 H.C. SPACES			

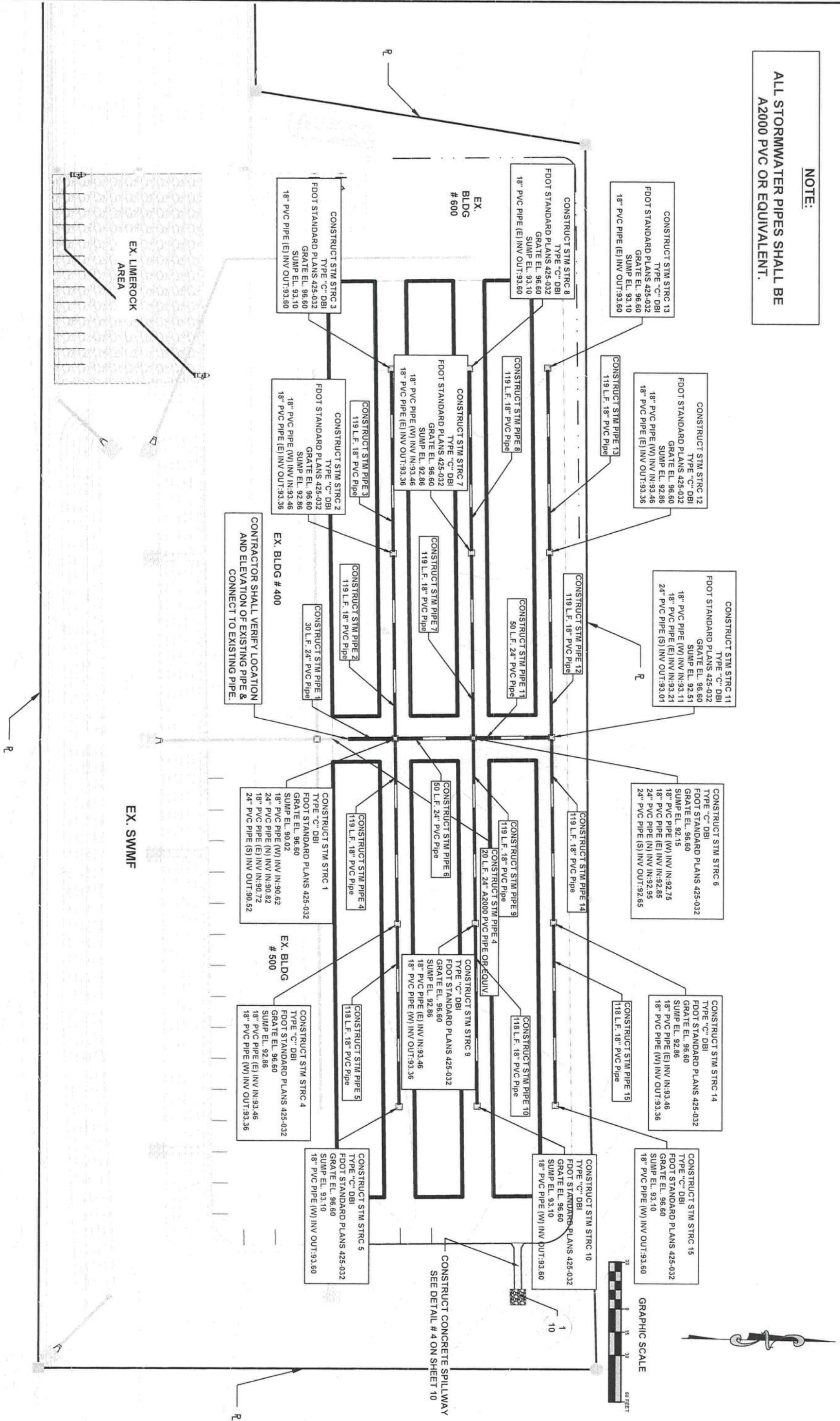
PARKING APRON TYPICAL SECTION

2" TYPE SP 9.5 ASPHALTIC CONCRETE
6" LIMEROCK BASE COURSE
12" COMPACTED SUBGRADE
MINIMUM L.B.R. 40



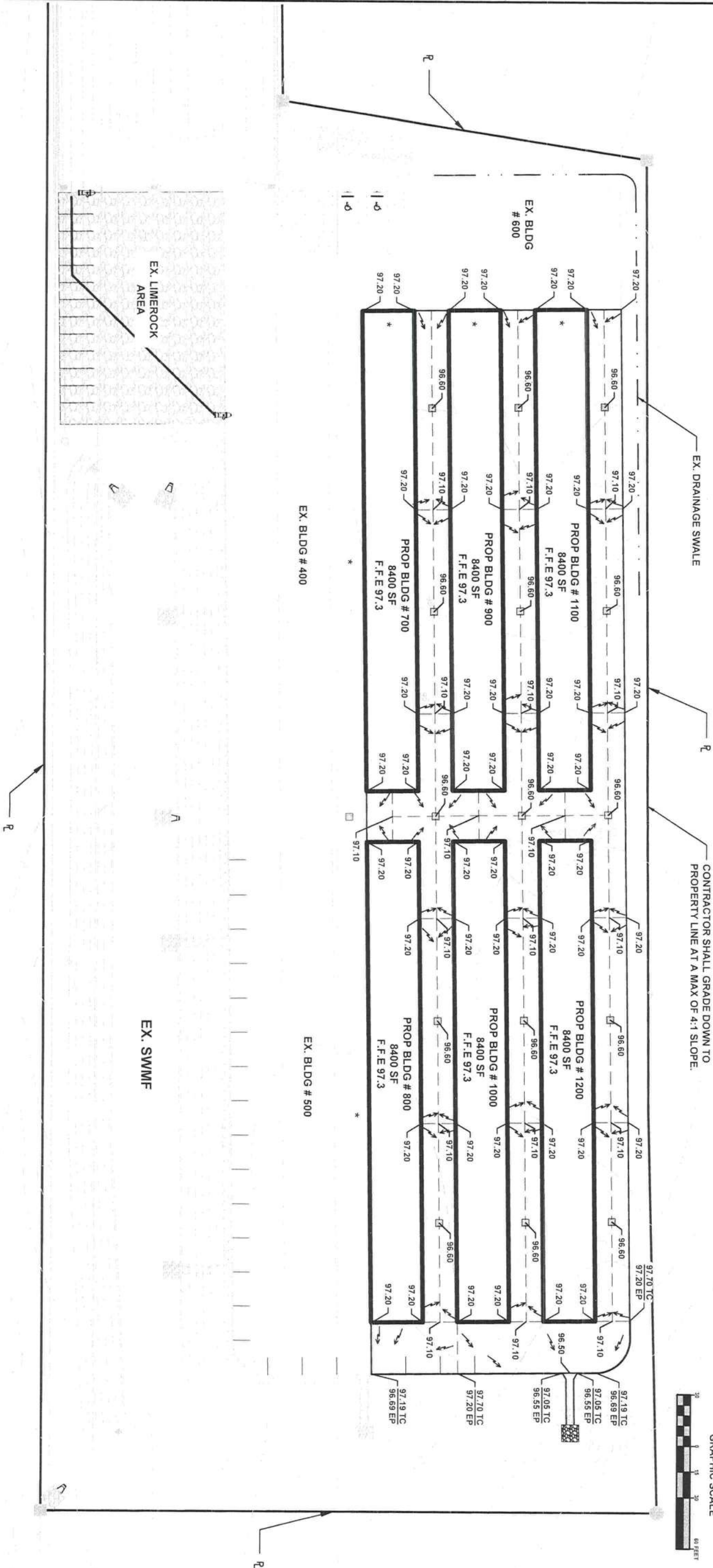


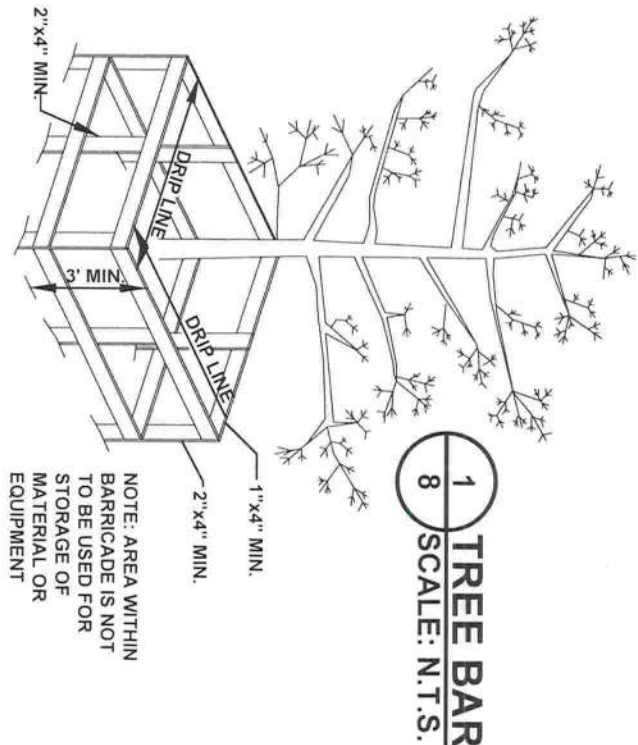
NOTE:
ALL STORMWATER PIPES SHALL BE
A2000 PVC OR EQUIVALENT.



* CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATION ALONG BUILDING PERIMETER. ACTUAL FFE SHALL BE ADJUSTED TO PROVIDE 0.06' - 0.10' LIP.

TC = TOP OF CURB
EP = EDGE OF PAVEMENT
→ = FLOW ARROW

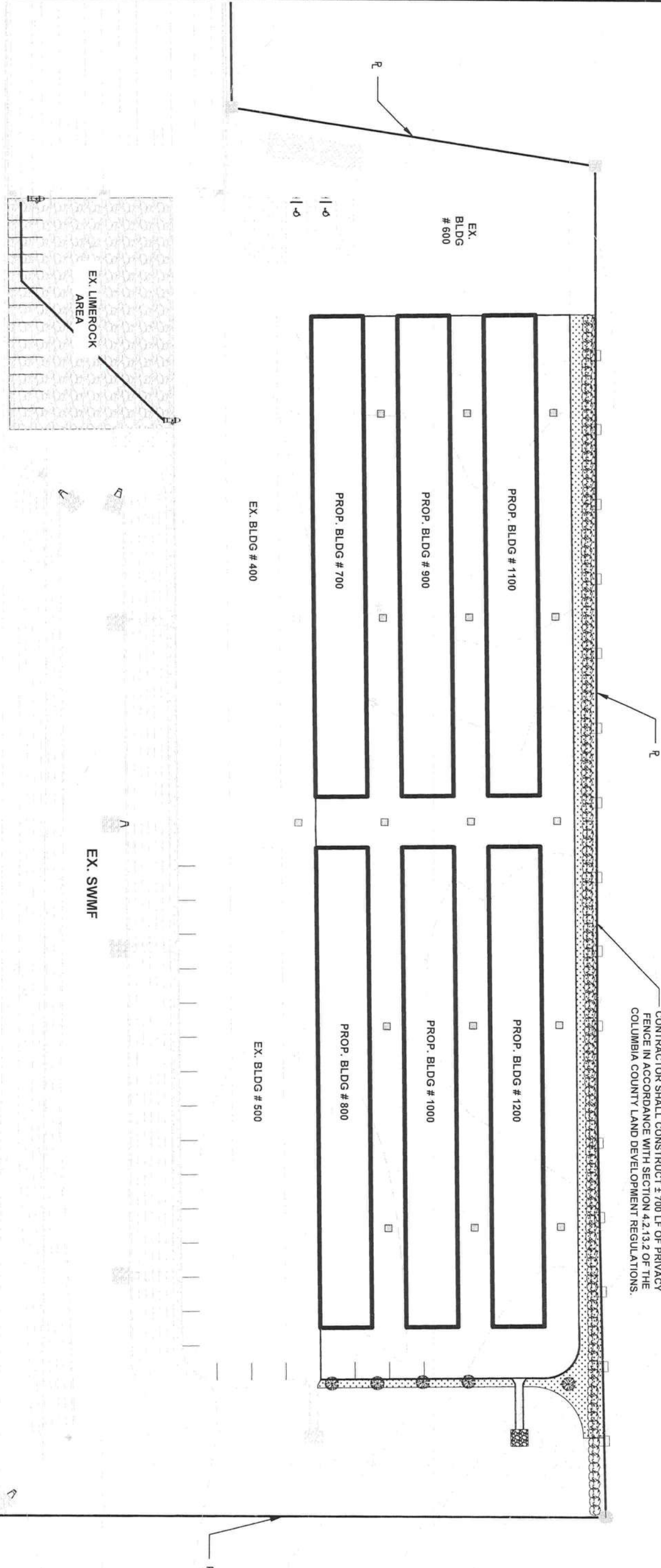
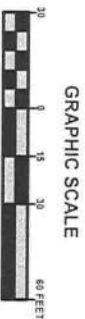


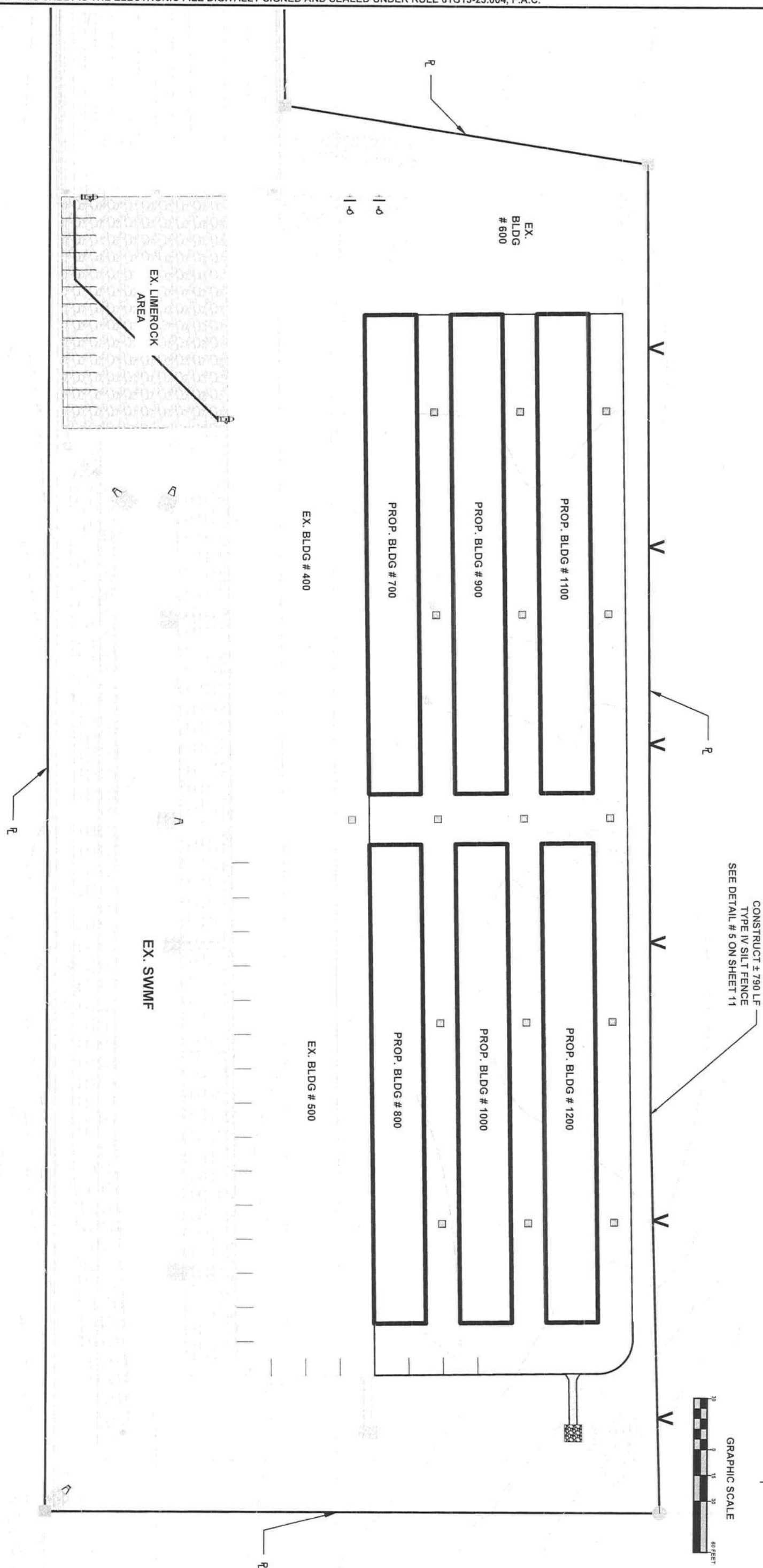


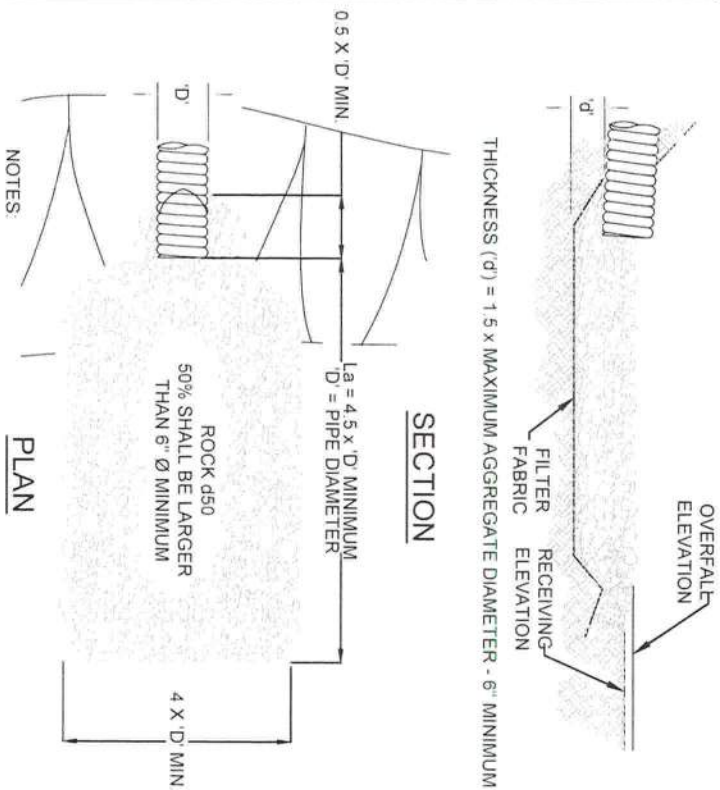
TREE AND SHRUBBERY REQUIREMENTS				
MAP SYMBOL	COMMON NAME	SCIENTIFIC NAME	NO.	NOTES
	SOD/GRASS	--	--	
	CREPE MYRTLE	LAGERSTROEMIA	5	
	SWEET VIBURNUM	VIBURNUM ODORATISSIMUM	141	

LANDSCAPE REQUIREMENTS
REQUIRED OFF STREET LANDSCAPE AREA = 4,252 SF
PROPOSED OFF STREET LANDSCAPE AREA = 9,000 SF
REQUIRED # OF 4" TREES = 1/200 SF REQUIRED
LANDSCAPED AREA 4,252 SF / 200 = 22 TREES
TREES PROVIDED = 146

CONTRACTOR SHALL CONSTRUCT ± 700 LF OF PRIVACY FENCE IN ACCORDANCE WITH SECTION 4.2.13.2 OF THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.







SECTION

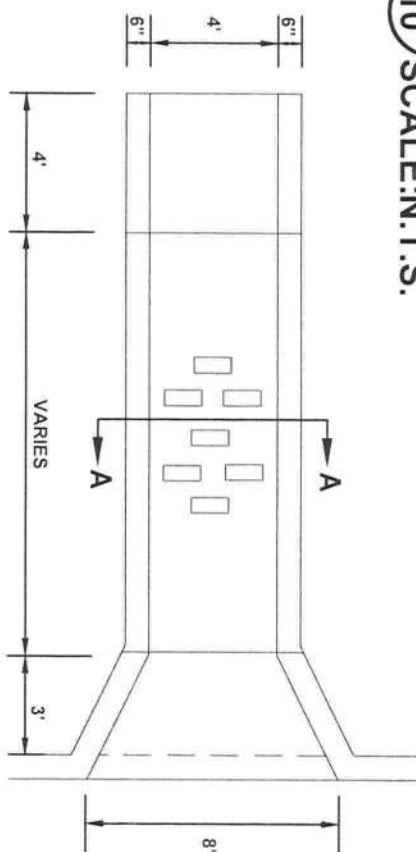


PLAN

NOTES:
1. 'La' = LENGTH OF APRON. DISTANCE 'La' SHALL BE OF SUFFICIENT LENGTH TO DISSIPATE ENERGY
2. APRON SHALL BE AT A ZERO GRADE AND ALIGNED STRAIGHT.
3. FILTER FABRIC SHALL EXTEND 6' PAST AGGREGATE LIMITS

1 ENERGY DISSIPATER DETAIL

10 SCALE: N.T.S.



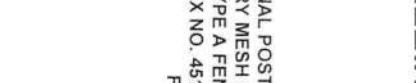
PLAN



SECTION

NOTES:
1. PLACE SOD A MINIMUM OF 5' AROUND ALL STRUCTURE EDGES.
2. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3,000 P.S.I. MINIMUM.

SECTION A-A



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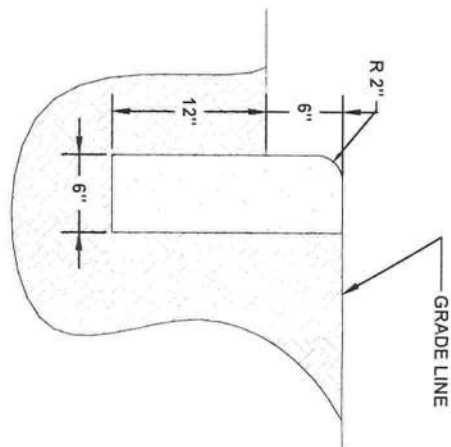
SECTION A-A



SECTION A-A

2 HEADER CURB DETAIL

10 SCALE: N.T.S.



SECTION

NOTES:
1. MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE 3,000 PSI
2. PROVIDE 1/8\"/>

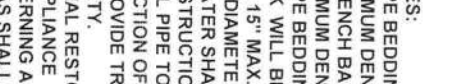
SECTION



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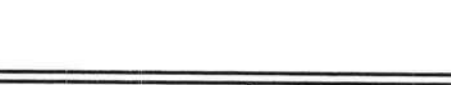
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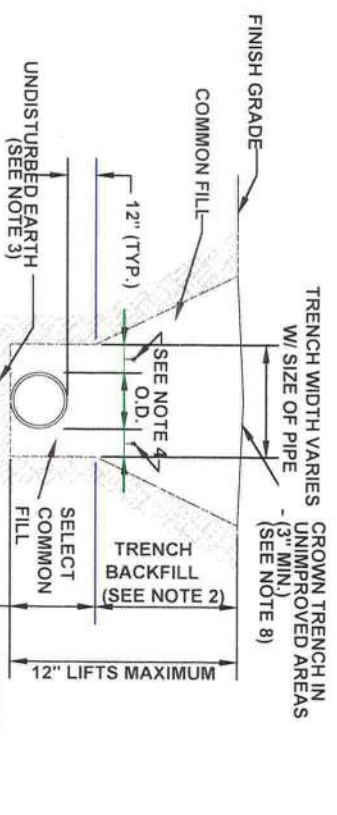
SECTION



SECTION

3 TRENCH AND BACKFILL DETAILS

10 SCALE: N.T.S.



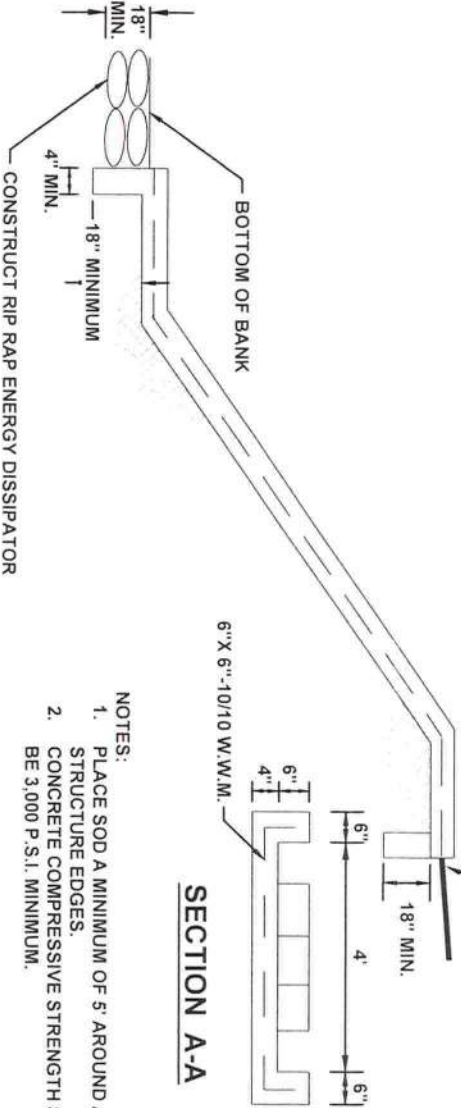
SECTION

NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK WILL BE REQUIRED IF OVER-EXCAVATION OCCURS.
4. (1) 15\"/>

SECTION

4 CONCRETE SPILLWAY DETAIL

10 SCALE: N.T.S.



SECTION

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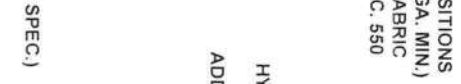
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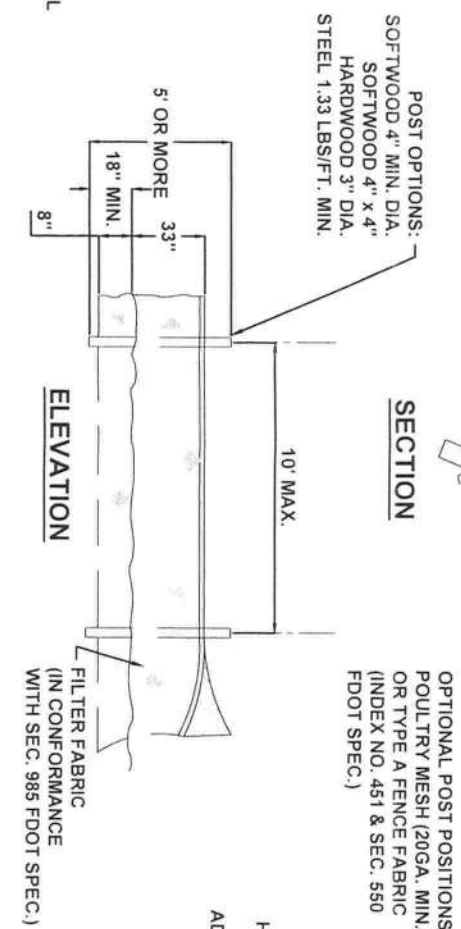
SECTION A-A



SECTION A-A

5 TYPE IV SILT FENCE

10 SCALE: N.T.S.



SECTION

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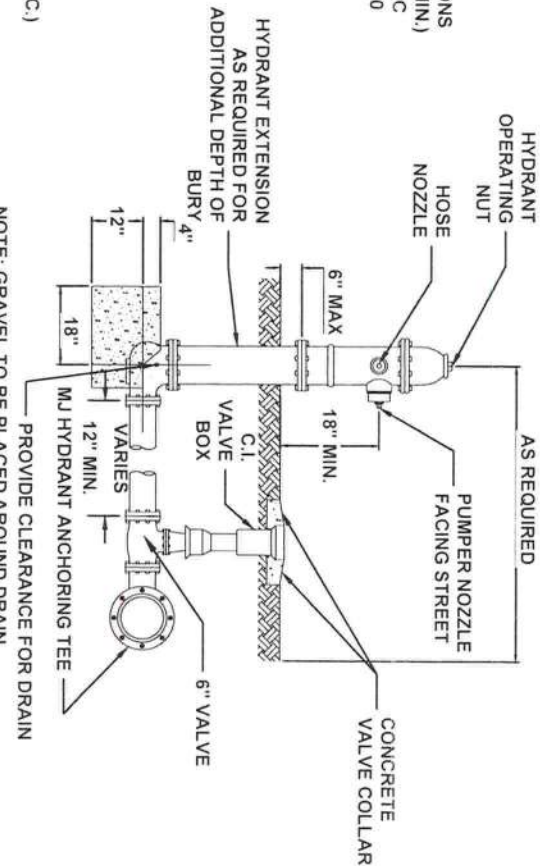
SECTION A-A



SECTION A-A

6 FIRE HYDRANT ASSEMBLY

10 SCALE: N.T.S.



SECTION

NOTE: GRAVEL TO BE PLACED AROUND DRAIN