

Location Map
SCALE: 1" = 500'

Site Data

TOTAL ACREAGE IN SITE:	8.50 AC.
TAX PARCEL NUMBER:	81375
CURRENT ZONING:	RA (RURAL AGRICULTURAL)
ACREAGE IN COMMON AREA:	0
ACREAGE IN RECREATION AREA(S) AND THE LIKE:	0
TOTAL NUMBER OF UNITS / BEDROOMS:	N/A
GROSS FLOOR AREA:	1,296 S.F.
BUILDING LOT COVERAGE:	0% EXIST., 0.35% PROPOSED
BUILDING HEIGHT IN FT. & STORIES:	15'
TOTAL NO. OF PARKING SPACES REQUIRED:	N/A
TOTAL NO. OF PROPOSED PARKING SPACES:	N/A
TOTAL SQ. FEET OF EXIST. IMPERVIOUS AREA:	0 SF
TOTAL SQ. FEET OF PROP. IMPERVIOUS AREA:	152,683 SF
IMPERVIOUS AREA FOR PARKING:	N/A
DISTURBED ACREAGE:	8.5 AC.
REFERENCES:	DEED BOOK 3027, PAGE 750

General Notes:

- NCDOT DRIVEWAY APPROVAL PERMIT REQUIRED.
- ALL REQUIRED IMPROVEMENTS SHALL CONFORM TO THE PITT COUNTY ZONING ORDINANCE.
- CONTRACTOR SHALL NOTIFY NCDOT 48 HOURS PRIOR TO PERFORMING ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
- THIS PROPERTY IS LOCATED IN ZONE 'X', AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON FIRM MAP NUMBER 3720560400J, EFFECTIVE DATE OF JANUARY 2, 2004.
- NO SEWER SERVICE OR SEPTIC SYSTEM WILL BE REQUIRED FOR THE INTENDED USE OF THIS LOT.
- WATER SERVICE TO BE PROVIDED BY EASTERN PINES WATER CORPORATION.
- ELECTRIC SERVICE TO BE PROVIDED BY GREENVILLE UTILITIES COMMISSION.
- THIS PROPERTY IS LOCATED WITHIN THE BLACKJACK FIRE DISTRICT WITH THE NEAREST FIRE HYDRANT BEING APPROXIMATELY 433' FROM THE SITE AND THE NEAREST FIRE DEPARTMENT BEING LOCATED APPROXIMATELY 4 MILES FROM THE SITE.
- THIS PROPERTY HAS BEEN REVIEWED BY THE PITT COUNTY PLANNING DEPARTMENT FOR APPLICABILITY TO THE TAR-PAMLICO REPARIAN AREA PROTECTION RULES AND IT WAS DETERMINED THAT THE DITCHES LOCATED HEREON ARE EXEMPT FROM THE TAR-PAMLICO BUFFER RULES; REFER TO PITT COUNTY PLANNING DEPARTMENT PROJECT NO. PC 12-004.
- STORMWATER MANAGEMENT IS REQUIRED FOR THIS SITE AND SHALL MEET THE REQUIREMENTS OF THE PITT COUNTY STORMWATER MANAGEMENT ORDINANCE.
- THIS SITE DISTURBS MORE THAN 1 ACRE. EROSION CONTROL PLAN APPROVAL IS REQUIRED.
- BOUNDARY INFORMATION TAKEN FROM A SURVEY PREPARED BY SPRULL & ASSOCIATES, INC. ENTITLED FINAL PLAT GREENVILLE UTILITIES COMMISSION, GREENVILLE 230KV SOUTH SUBSTATION, DATED April 23, 2014.
- WATER METER SHALL BE INSTALLED BY EASTERN PINES WATER CORPORATION UPON APPLICATION AND PAYMENT OF FEES BY SITE CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL COORDINATE BETWEEN THE SITE PLAN AND THE ELECTRICAL LAYOUT PLAN FOR SUBSTATION LAYOUT.

Owner/Developer

City of Greenville for the use and benefit of Greenville Utilities Commission

REFERENCES

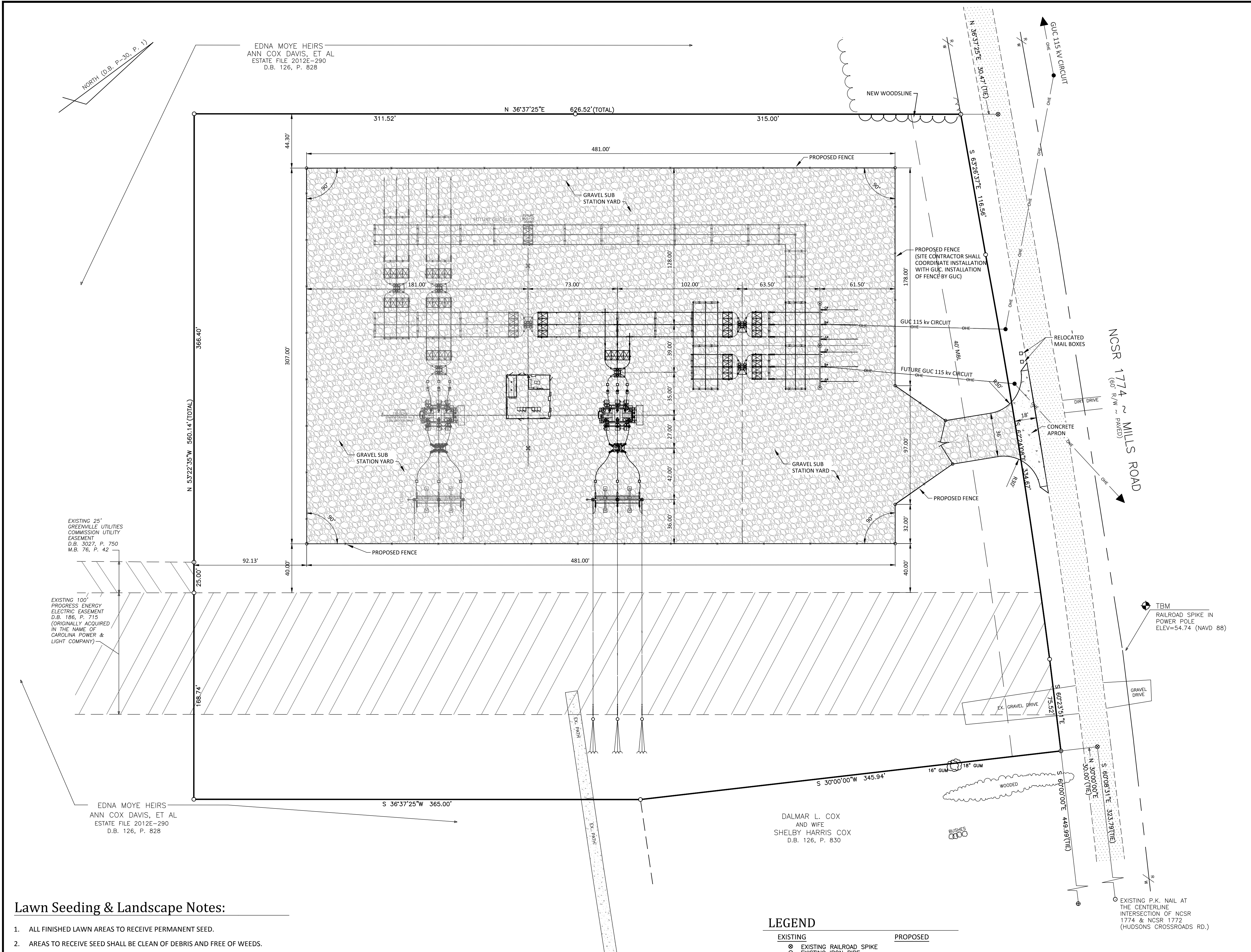
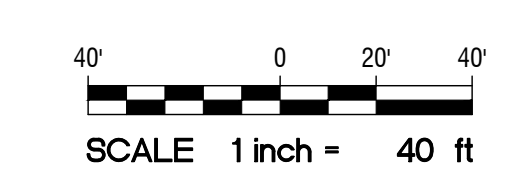
D.B. 3027, P. 750
D.B. 186, P. 15
M.B. 76, P. 42
PITT COUNTY REGISTRY

Survey Note:

BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON WAS PREPARED BY SPRULL AND ASSOCIATES, INC., AS SHOWN ON DRAWING ENTITLED TOPOGRAPHIC SURVEY FOR GREENVILLE UTILITIES COMMISSION, DATED MAY 13, 2014, ATTACHED TO THIS DRAWING SET FOR REFERENCE.

Sheet Index:

Sheet No. C-1	Site Layout & Landscape Plan
Sheet No. C-2	Demolition Plan
Sheet No. C-3	Erosion Control Plan
Sheet No. C-4	Grading & Drainage Plan
Sheet No. C-5	Details
Survey (1 Sheet)	Sprull and Associates, Inc.



LEGEND

EXISTING	PROPOSED
⊙ EXISTING RAILROAD SPIKE	— SF —
○ EXISTING IRON PIPE	— FENCE —
○ EXISTING P.K. NAIL	— TRELISE —
⊙ EXISTING IRON BAR	— OHE —
— OVERHEAD UTILITY LINE	— LOD —
⊕ POWER POLE	NG × 170.00
R/W RIGHT OF WAY	TG × 170.00
51.2' EXISTING SPOT ELEVATION	— NATURAL GROUND —
— CONTOUR —	— TOP OF GRAVEL —
— B-1 BORE LOCATION	— GRAVEL —
— SHWT-1 SEASONAL HIGH WATER	— ROCK DAM —
— TABLE BORE LOCATION	
— SILT FENCE —	
— FENCE —	
— TRELISE —	
— OVERHEAD ELECTRIC	
— STORM DRAIN PIPE	
— LIMITS OF DISTURBANCE	
— NATURAL GROUND	
— TOP OF GRAVEL	
— GRAVEL	
— ROCK DAM	

Lawn Seeding & Landscape Notes:

- ALL FINISHED LAWN AREAS TO RECEIVE PERMANENT SEED.
- AREAS TO RECEIVE SEED SHALL BE CLEAN OF DEBRIS AND FREE OF WEEDS.
- SEED MIX TO BE AS SHOWN IN THE PERMANENT SEEDING SCHEDULE ON PLAN SHEET C-4.
- STRAW FOR ANCHORING PERMANENT SEEDING SHALL BE THRESHED STRAW OF HAY, OATS, WHEAT, BARLEY, OR RYE. SPREAD AT A RATE OF 2 1/2 TONS PER ACRE. STRAW, NETTING, AND OTHER ANTI-EROSION MATERIALS TO BE REMOVED AFTER ESTABLISHED LAWN.
- MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER SEEDING. WATER REGULARLY TO KEEP LAWN AREAS MOIST TO MAXIMIZE GERMINATION AND MAINTAIN OPTIMUM GROWTH AND SURVIVAL TO ACHIEVE AN ACCEPTABLE STAND OF ESTABLISHED LAWN, FREE OF ERODED OR BARE AREAS.
- PRIOR TO FINAL ACCEPTANCE OF THE SITE BY GREENVILLE UTILITIES COMMISSION, THE SITE SHALL BE CLEAN OF ALL DEBRIS AND TRASH.

EXISTING 22' GREENVILLE UTILITIES COMMISSION UTILITY EASEMENT D.B. 3027, P. 750 M.B. 76, P. 42

EXISTING 100' PROGRESS ENERGY ELECTRIC EASEMENT D.B. 186, P. 715 (ORIGINALLY ACQUIRED IN THE NAME OF CAROLINA POWER & LIGHT COMPANY)

EDNA MOYE HEIRS ANN COX DAVIS, ET AL ESTATE FILE 2012E-290 D.B. 126, P. 828

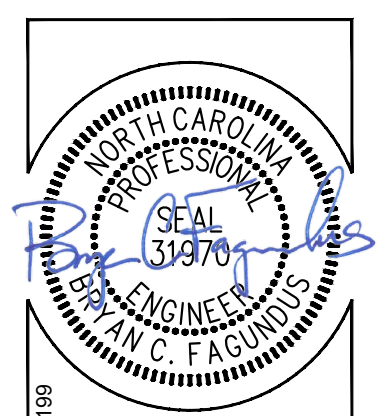
DALMAR L. COX AND WIFE SHELBY HARRIS COX D.B. 126, P. 830

DATE	COMMENTS
12-22-18	REVISED PER NCDOT TO ADD LTO 3" DRIVEWAY PIPE
12-15	REVISED PER OWNER REQUEST

REVISIONS:



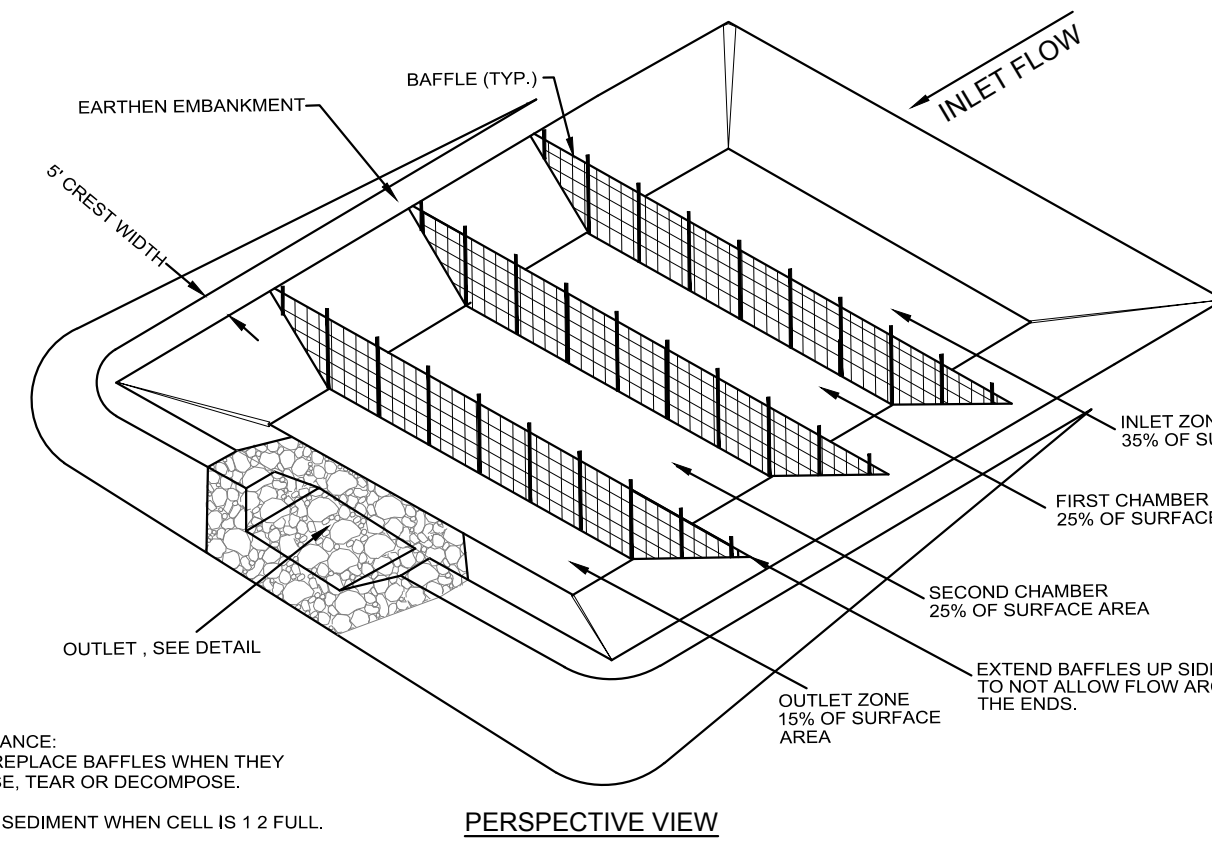
SITE LAYOUT & LANDSCAPE PLAN
GREENVILLE UTILITIES COMMISSION
Greenville 230 kv South Substation
Chicod Township, Pitt County, North Carolina



ARK Consulting Group, PLLC
Engineers & Planners
3280 Charles Blvd. | Suite B
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www.arkconsultinggroup.com

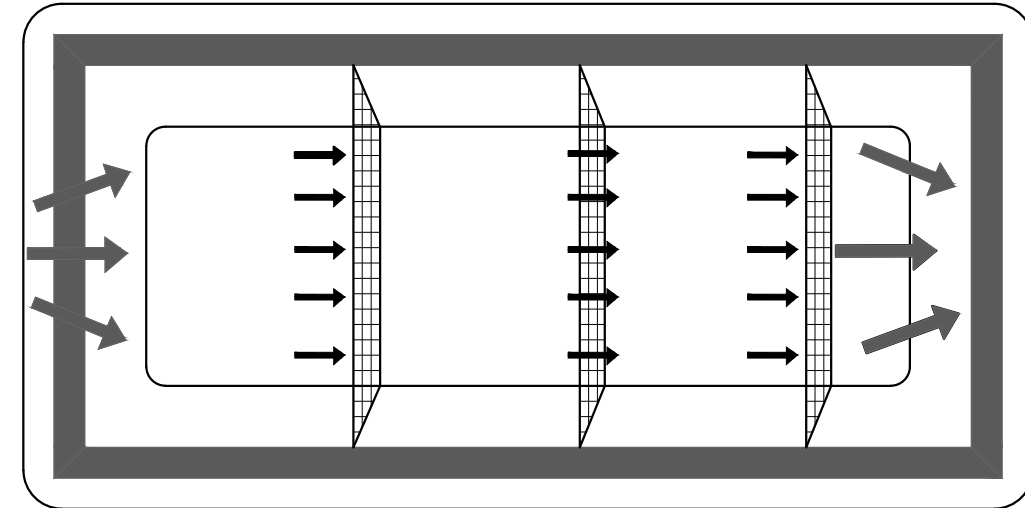
Project Manager:	BCF
Drawn By:	EW
Checked By:	STA
Project Number:	14008
Drawing Number:	D-1025

C-1
Date: 03-14-2016



MAINTENANCE:
REPAIR/REPLACE BAFFLES WHEN THEY COLLAPSE, TEAR OR DECOMPOSE.
REMOVE SEDIMENT WHEN CELL IS 1/2 FULL.

PERSPECTIVE VIEW



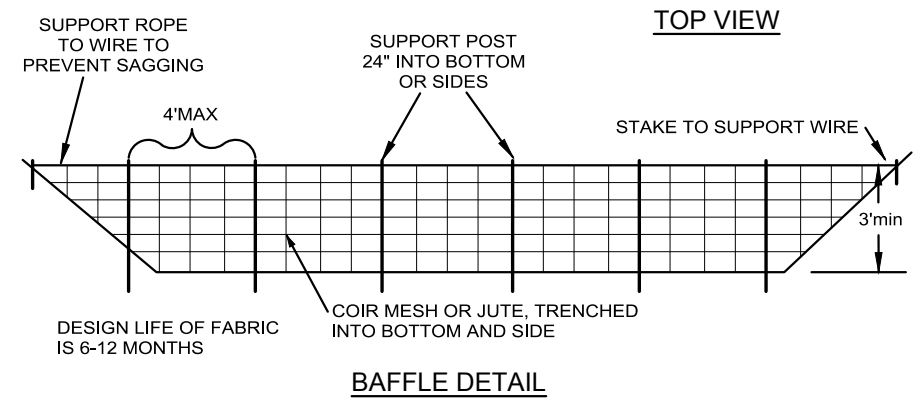
SEDIMENT TRAP DIMENSIONS

TRAP #1	ELEV. 49
SPILLWAY ELEVATION	12'
WIDTH 1' BELOW SPILLWAY	70'
LENGTH 1' BELOW SPILLWAY	1'
WIDTH AT BOTTOM	50'
LENGTH AT BOTTOM	2:1

TRAP #2	ELEV. 49
SPILLWAY ELEVATION	12'
WIDTH 1' BELOW SPILLWAY	125'
LENGTH 1' BELOW SPILLWAY	1'
WIDTH AT BOTTOM	50'
LENGTH AT BOTTOM	2:1

TRAP #3	ELEV. 49
SPILLWAY ELEVATION	12'
WIDTH 1' BELOW SPILLWAY	125'
LENGTH 1' BELOW SPILLWAY	1'
WIDTH AT BOTTOM	115'
LENGTH AT BOTTOM	2:1

NOTE:
- 3 BAFFLES (MIN) BETWEEN INLET & OUTLET.
- SEE N.C. DENR EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL FOR CONDITIONS WHERE PRACTICE APPLIES; PLANNING CONSIDERATION & DESIGN CRITERIA.

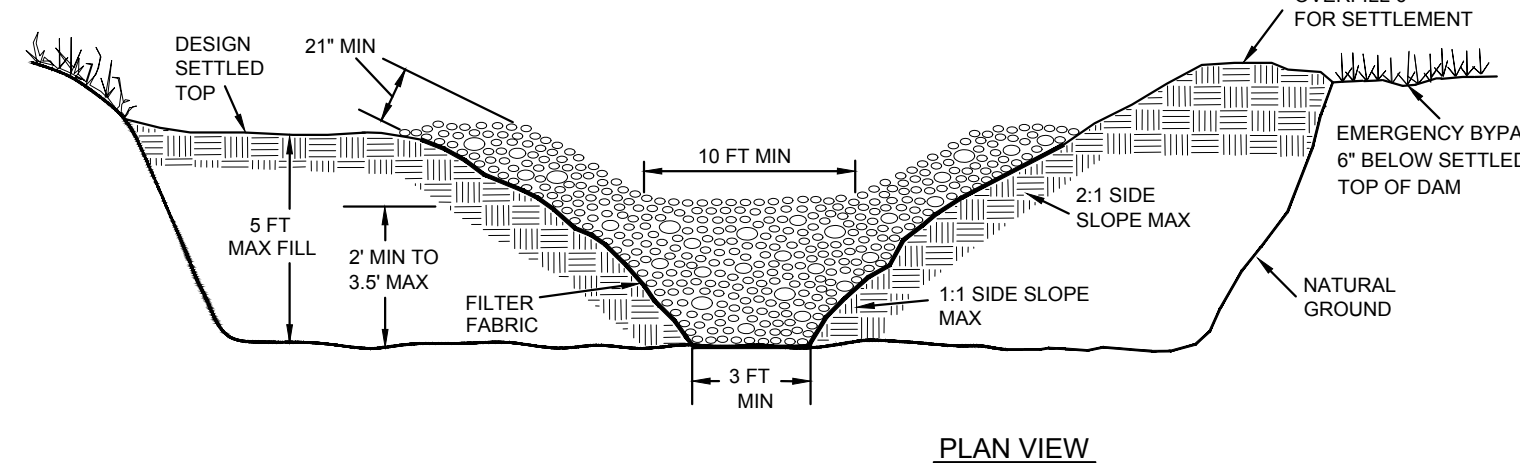
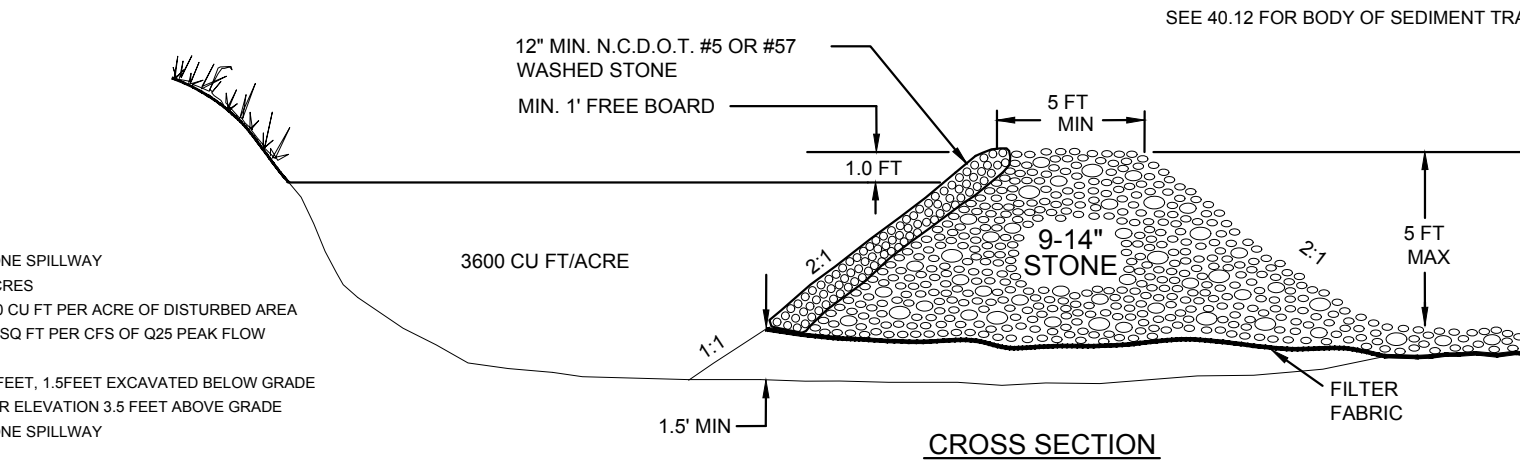


TEMPORARY SEDIMENT TRAP
(NOT TO SCALE)

DESIGN CRITERIA

SUMMARY:
PRIMARY SPILLWAY: 1 ACHES
MINIMUM DRAINAGE AREA: 3600 CU FT PER ACRE OF DISTURBED AREA
MINIMUM SURFACE AREA: 435 SQ FT PER CFS OF Q25 PEAK FLOW
MINIMUM LW RATIO: 2:1
MINIMUM DEPTH: 3.5 FEET, 1.5 FEET EXCAVATED BELOW GRADE
MAXIMUM HEIGHT: WEIR ELEVATION 3.5 FEET ABOVE GRADE
DEWATERING MECHANISM: NONE
MINIMUM DEWATERING TIME: N/A
BAFFLES REQUIRED: MIN WEIR (COR)

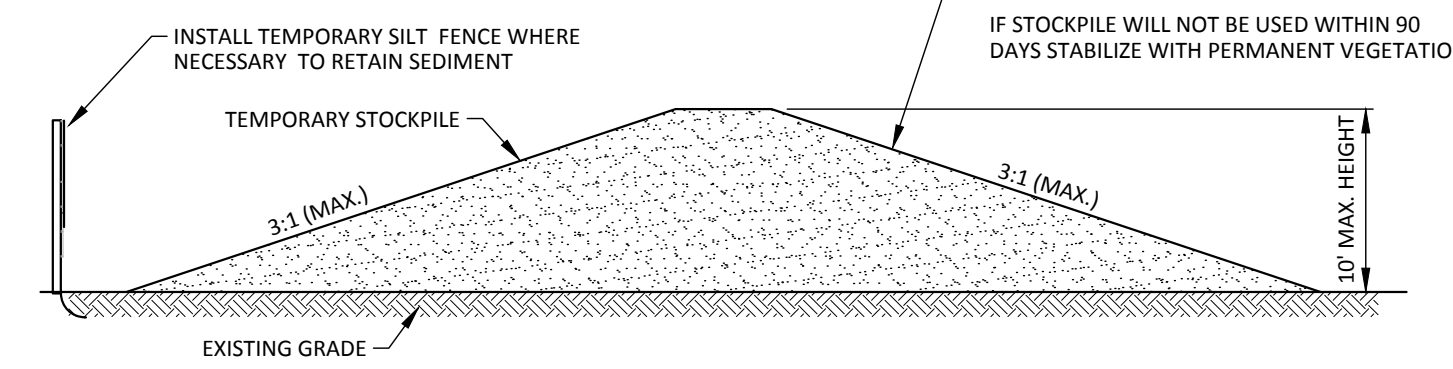
STONE SPILLWAY
1 ACHES
3600 CU FT PER ACRE OF DISTURBED AREA
435 SQ FT PER CFS OF Q25 PEAK FLOW
2:1
3.5 FEET, 1.5 FEET EXCAVATED BELOW GRADE
WEIR ELEVATION 3.5 FEET ABOVE GRADE
STONE SPILLWAY
N/A
3 MINIMUM (COR OR JUTE) MESH
10'



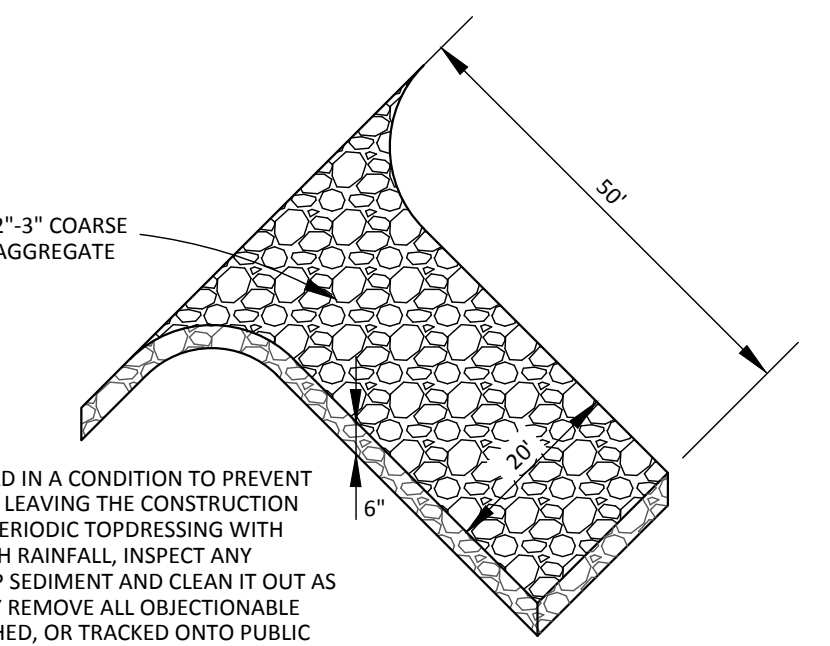
MAINTENANCE

REMOVE SEDIMENT AND RESTORE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN A DESIGNATED DISPOSAL AREA AND REPLACE THE CONTAMINATED PART OF THE GRAVEL FACING. CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OR PIPING. PERIODICALLY CHECK THE DEPTH OF THE SPILLWAY TO ENSURE IT IS A MINIMUM OF 1.5 FT BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY RIP RAP DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.

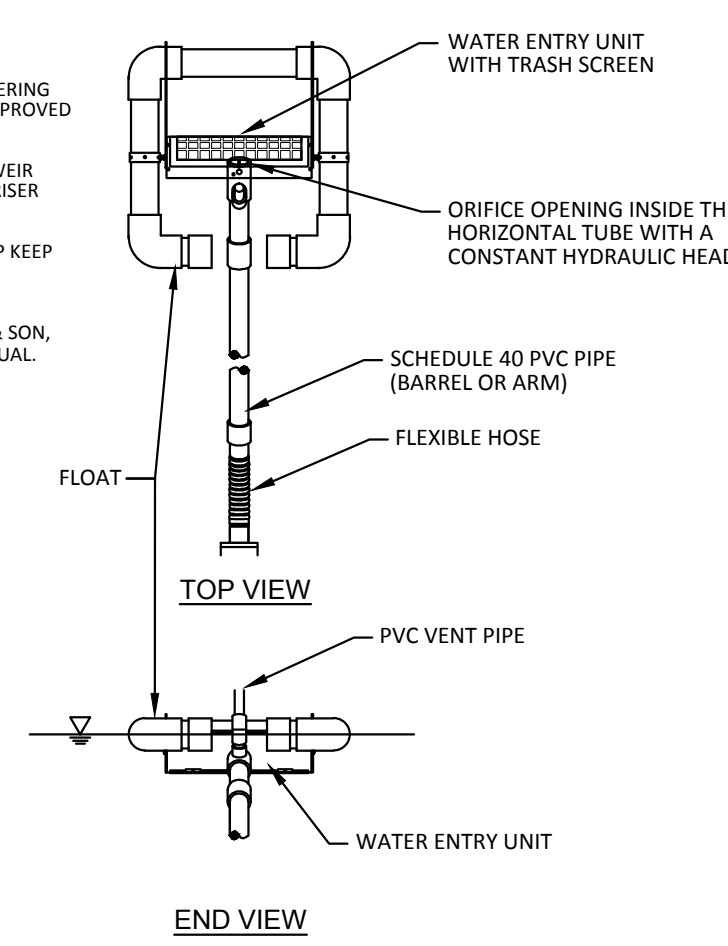
TEMPORARY SEDIMENT TRAP OUTLET
(NOT TO SCALE)



TEMPORARY STOCKPILE
(NOT TO SCALE)

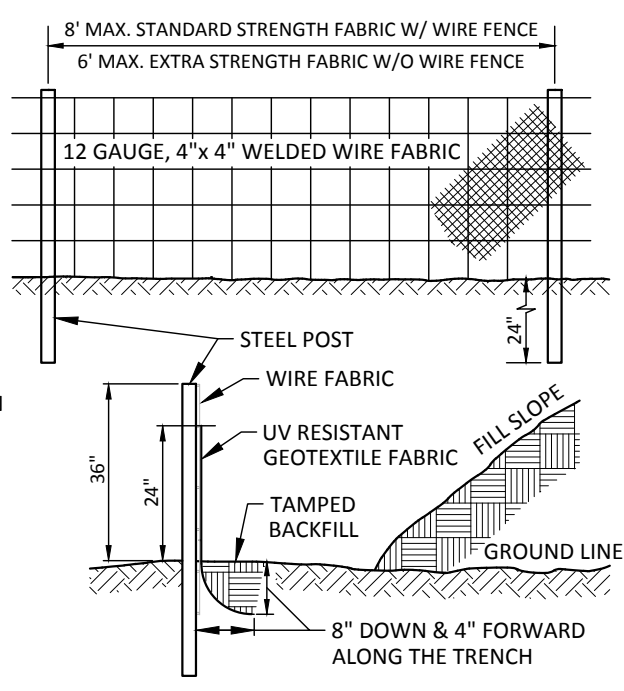


TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
(NOT TO SCALE)

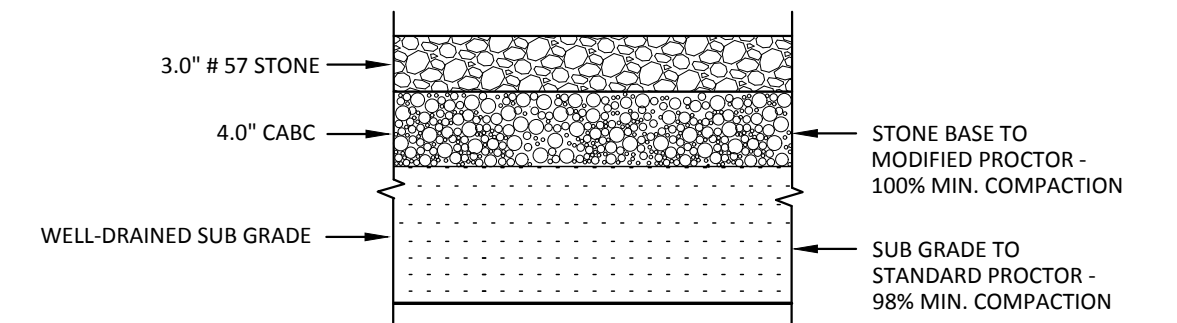


NOTES:
1. SKIMMER IS TO BE A SURFACE DEWATERING DEVICE SUCH AS BMP SKIMMER OR APPROVED DEVICE.
2. SKIMMER SHOULD RISE TO LEVEL OF WEIR HEIGHT IN TEMPORARY BASIN OR TO RISER INLET.
3. ROPE ATTACHED TO SKIMMER TO HELP KEEP SKIMMER CLEAN.
4. SKIMMER SHALL BE 1.5' SKIMMER AS MANUFACTURED BY J.W. FABRICOTH & SON, INC. (919) 732-1244 OR APPROVED EQUAL.

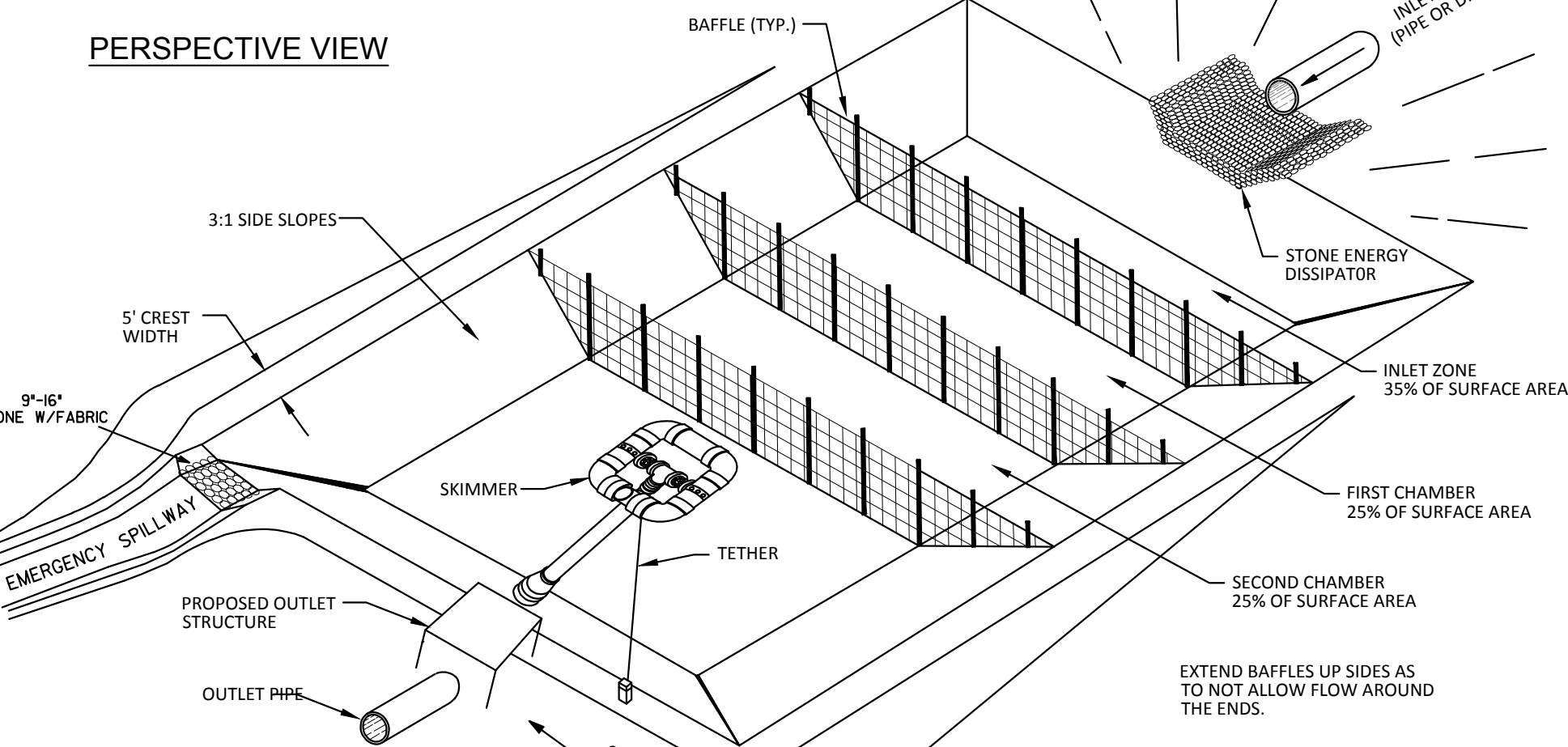
NOTES:
INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



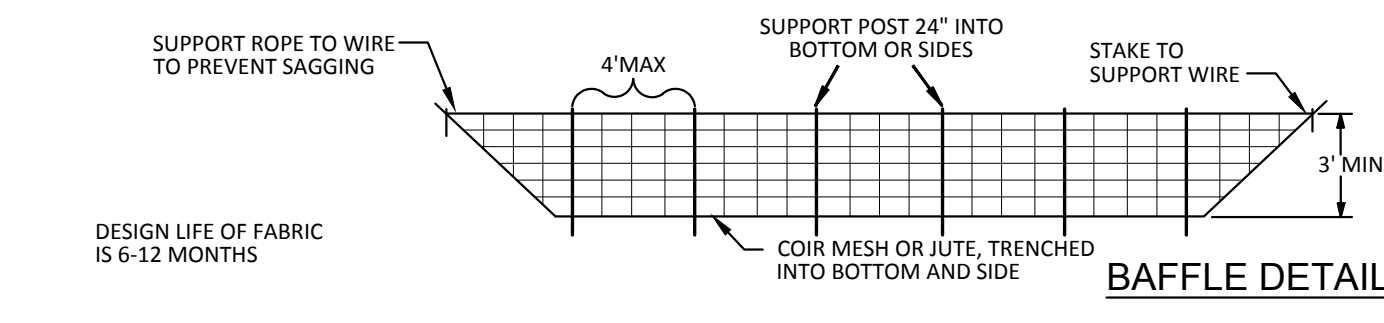
TEMPORARY SILT FENCE
(NOT TO SCALE)



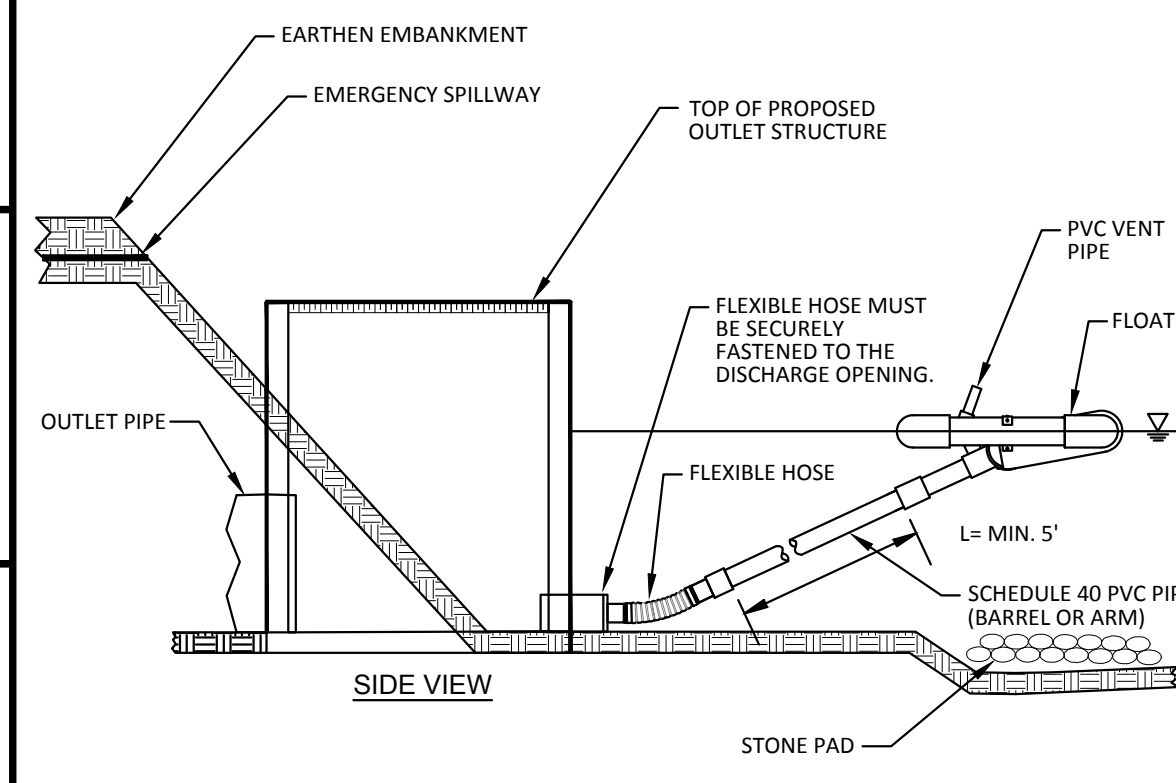
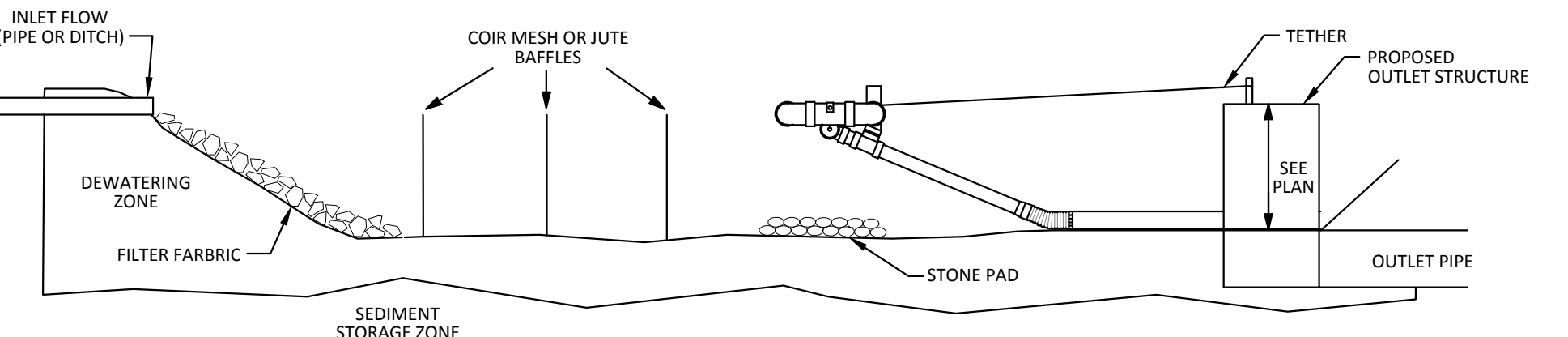
SUBSTATION YARD GRAVEL PAVEMENT SECTION
(NOT TO SCALE)



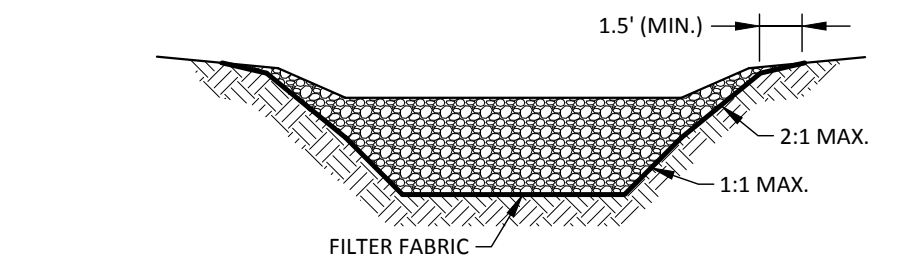
SKIMMER BASIN



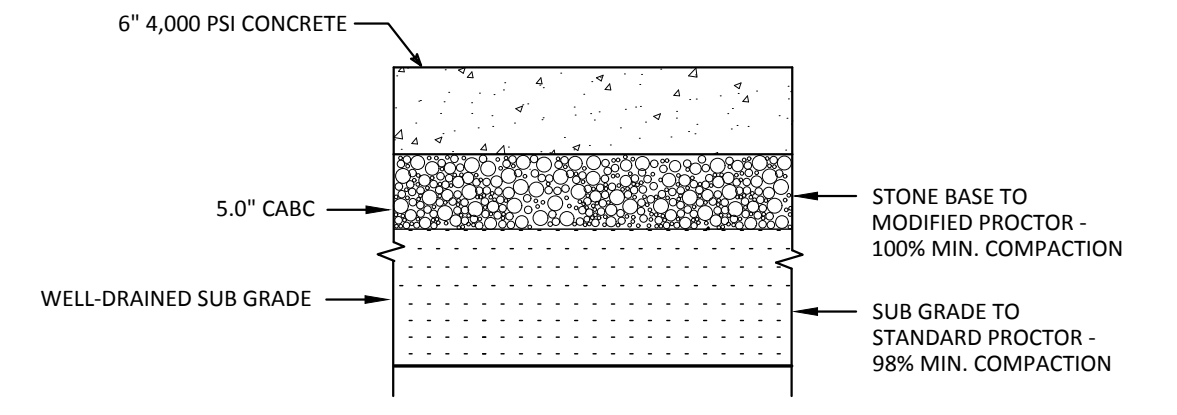
NOTE:
BAFFLES TO BE REMOVED UPON SITE STABILIZATION AND PRIOR TO EXCAVATION FOR FINAL CONTOURS FOR DRY DETENTION CELL.



SKIMMER DISCHARGE SYSTEM WITH OUTLET STRUCTURE
(NOT TO SCALE)



STONE CHECK DAM
(NOT TO SCALE)



CONCRETE PAVEMENT SECTION
(NOT TO SCALE)

DATE	COMMENTS
12-22-18	REVISED PER NC DOT TO ADD U/L TO 3" BRINWAY PIPE
12-15-18	REVISED PER OWNER REQUEST

REVISIONS:

GREENVILLE UTILITIES COMMISSION
Greenville 230 kV South Substation
Chicod Township, Pitt County, North Carolina

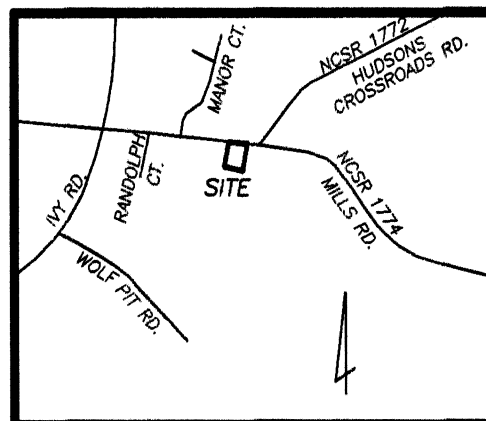
DETAILS

NC License: P-1189
ARK Consulting Group, PLLC
Engineers & Planners
3280 Charles Blvd. | Suite B
Greenville, NC 27858
(252) 356-0688
www.arkconsultinggroup.com

Project Manager: BCF
Drawn By: EW
Checked By: STA
Project Number: 14008
Drawing Number: D-1025

C-5

Date: 03-14-2016



VICINITY MAP
N.T.S.

NORTH (D.B. P. 30, P. 1)

EDNA MOYE HEIRS
ANN COX DAVIS, ET AL
ESTATE FILE 2012E-290
D.B. 126, P. 828

REFERENCES
D.B. 3027, P. 750
D.B. 186, P. 15
M.B. 76, P. 42
PITT COUNTY REGISTRY

LEGEND
 ⊠ EXISTING RAILROAD SPIKE
 ○ EXISTING IRON PIPE
 ● EXISTING P.K. NAIL
 ⊙ EXISTING IRON BAR
 — OVERHEAD UTILITY LINE
 — POWER POLE
 R/W RIGHT OF WAY
 51.2' x EXISTING SPOT ELEVATION
 -5.5' EXISTING CONTOUR
 B-1 BORE LOCATION
 SHWT-1 SEASONAL HIGH WATER TABLE BORE LOCATION

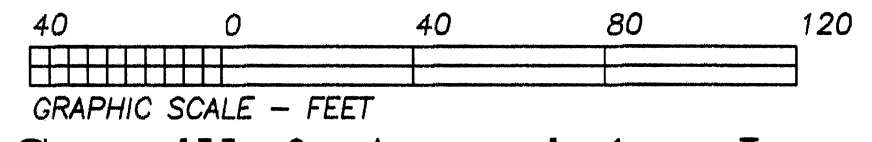
EXISTING 25' GREENVILLE
UTILITIES COMMISSION
UTILITY EASEMENT
D.B. 3027, P. 750
M.B. 76, P. 42

EXISTING 100' PROGRESS
ENERGY ELECTRIC EASEMENT
D.B. 186, P. 715
(ORIGINALLY ACQUIRED IN THE
NAME OF CAROLINA POWER &
LIGHT COMPANY)

EDNA MOYE HEIRS
ANN COX DAVIS, ET AL
ESTATE FILE 2012E-290
D.B. 126, P. 828

TOPOGRAPHIC SURVEY FOR
GREENVILLE UTILITIES COMMISSION
DEED 3027, PAGE 750

CHICOD TOWNSHIP ~ PITT COUNTY ~ NORTH CAROLINA
DATE: APRIL 23, 2014 SCALE: 1"=40'



Spruill & Associates Inc.

2747 East Tenth Street
Greenville, North Carolina 27858
(252) 757-1200



8.5000 AC.

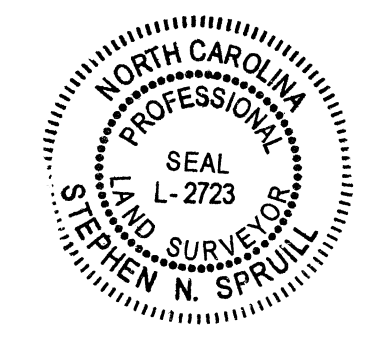
NOTES
 - THIS IS A TOPOGRAPHIC SURVEY OF PITT COUNTY TAX PARCEL No. 81375
 - ELEVATIONS SHOWN ARE IN FEET (NAVD 88) AND WERE TRANSFERRED TO THE SITE FROM NC GEODETIC MONUMENT "PIT 26" (PID=EY1920); ELEVATION = 70.48 FEET (NAVD 88)
 - AS PER FEMA FLOOD INSURANCE RATE MAP 3720560400L, DATED JANUARY 2, 2004, THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA; LOCATED IN ZONE X UNSHADED
 - BORES SHOWN HEREON REPRESENT THE CALCULATED AND FIELD STAKED LOCATION OF SAID BORES
 - CURRENT ZONING OF THIS PROPERTY IS RA (RURAL AGRICULTURAL)
 - THIS PROPERTY HAS BEEN REVIEWED BY THE PITT COUNTY PLANNING DEPARTMENT FOR APPLICABILITY TO THE TAR-PAMLICO RIPARIAN AREA PROTECTION RULES AND IT WAS DETERMINED THAT THE DITCHES LOCATED HEREON ARE EXEMPT FROM THE TAR-PAMLICO BUFFER RULES; SEE PITT COUNTY PLANNING DEPARTMENT PROJECT No. PC 12-004

NCSR 1774 ~ MILLS ROAD
(60' R/W - PAVED)

APPROXIMATE LOCATION OF EASTERN PINES
WATER CORPORATION WATER MAIN

TBM
RAILROAD SPIKE IN
POWER POLE
ELEV=54.74 (NAVD 88)

DALMAR L. COX
AND WIFE
SHELBY HARRIS COX
D.B. 126, P. 830



SURVEYOR'S CERTIFICATE
 I, STEPHEN N. SPRUILL, CERTIFY THAT THIS PROJECT WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTIONS REFERENCED IN TITLE BLOCK); THAT ANY BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION REFERENCED HEREON; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:18,320; THAT THIS TOPOGRAPHIC SURVEY WAS PERFORMED AT THE 95% CONFIDENCE LEVEL (2 SIGMA) TO MEET FEDERAL GEOGRAPHIC DATA COMMITTEE STANDARDS AS APPLICABLE TO THE CLASS "A" STANDARD; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE "STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA" (21 NCAC 56.1600).

WITNESS MY SIGNATURE AND SEAL THIS 13 DAY OF MAY, 2014.
 SIGNED *Stephen N. Spruill*
 PROFESSIONAL LAND SURVEYOR No. L-2723