COUNTY OF LEXINGTON

Procurement Services
212 South Lake Drive, Suite 503
Lexington, SC 29072
(803)785-8319 Fax (803)785-2240

AMENDMENT OF SOLICITATION

AMENDMENT NO. ONE **ISSUE DATE: NOVEMBER 21, 2014**

SOLICITATION NO. B15021-12/17/14S **DATED: NOVEMBER 19, 2014**

PROJECT: FIRE DEPARTMENT TRAINING CENTER PARKING LOT IMPROVEMENTS

ADDENDUM SECTIONS:

1. **ADD PROJECT DRAWINGS**

Offerors must acknowledge receipt of this amendment by one of the following methods: (a) By signing and returning one copy of this amendment with your bid; (b) By acknowledging receipt of this amendment on each copy of the bid submitted; or separate letter which includes a reference to the solicitation and amendment numbers. Failure of your acknowledgment to be received at the Purchasing Office prior to the hour and date of the opening may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter, provided such letter makes reference to the solicitation and this amendment and is received prior to the opening hour and date specified.

Angela M. Seymour
Procurement Officer

CONTRACTOR: _____

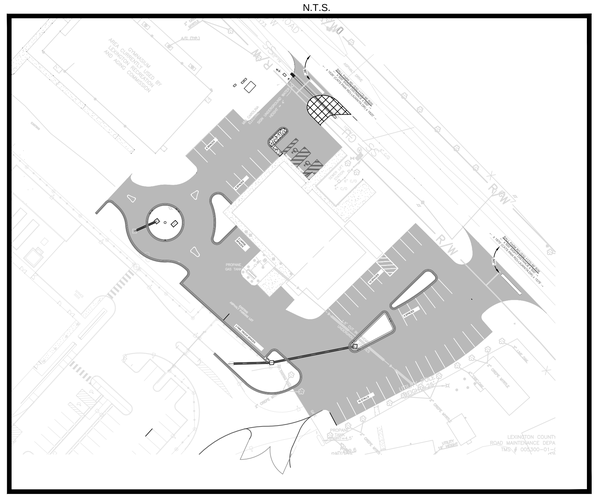
NAME & TITLE OF AUTHORIZED REPRESENTATIVE_____

AUTHORIZED SIGNATURE _____

_____
Jeffrey A. Hyde, CPPB.
Procurement Manager

LEXINGTON COUNTY
DEPARTMENT OF PUBLIC WORKS

VICINITY MAP
N.T.S.



UTILITIES

WATER AND SEWER:

UTILITIES, INC
110 QUEEN PARKWAY
W. COLUMBIA, SC 29169
803-796-2313

JOINT MUNICIPAL WATER & SEWER COMMISSION
2546 TWO NOTCH DR.
LEXINGTON, SC 29072
PHONE: (803) 359-8373

TELEPHONE:

COMPORIUM
1660 JUNIPER SPRINGS RD.
GILBERT, SC 29054
TEL: (800) 258-7978

WINDSTREAM COMMUNICATIONS
TEL: (866) 445-5880

ELECTRIC & GAS:

SCE&G
DOWNED/SPARKING POWER LINES
1-888-333-4465 (TOLL-FREE)

GAS LEAKS
1-800-815-0083 (TOLL-FREE)

OWNER:

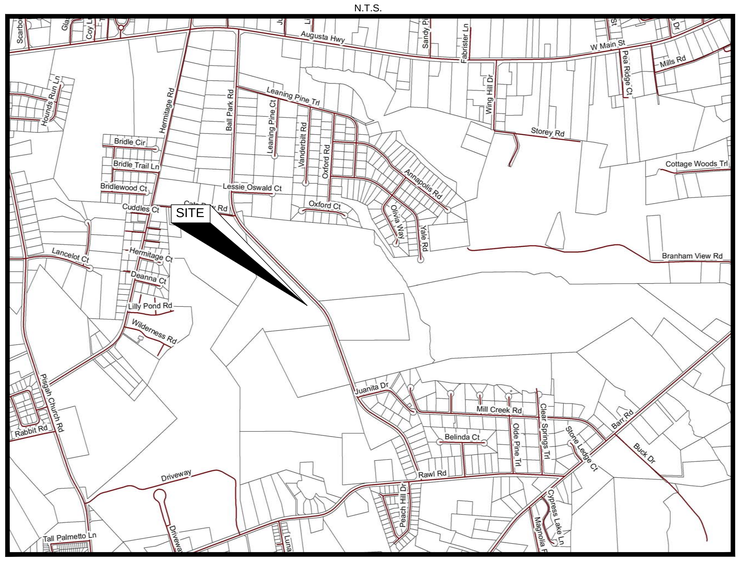
LEXINGTON COUNTY
440 BALL PARK ROAD
LEXINGTON, SC 29072
C/O WRENN BARRETT, PE,
DIRECTOR OF PUBLIC WORKS,
803-785-8201

PARKING LOT REHAB

FIRE TRAINING FACILITY

LEXINGTON, SC

LOCATION MAP
N.T.S.



SHEET INDEX	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	GENERAL NOTES, SUMMARY OF QUANTITIES, & TYPICAL SECTIONS
3	EXISTING CONDITION & DEMO PLAN
4	SITE PLAN LAYOUT
5	GRADING, DRAINAGE, & EROSION CONTROL PLAN
7	DRAINAGE PLAN & PROFILE

CALL 3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA
1-888-721-7877

PREPARED BY:
LEXINGTON COUNTY ENGINEERING DIVISION

NPDES PERMIT INFORMATION
NPDES Disturbed Area = 2.2
Approximate Location of Roadway is: Longitude 81° 17' 03.7" W Latitude 33° 58' 10.2" N

RAILROAD INVOLVEMENT?
YES / NO

APPROVED FOR CONSTRUCTION

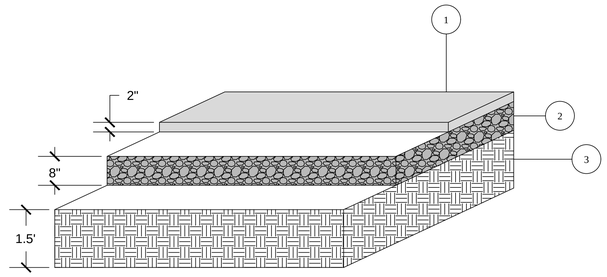
DATE

JEFF MCNESBY, PE
COUNTY ENGINEER

PROJECT NO: ?

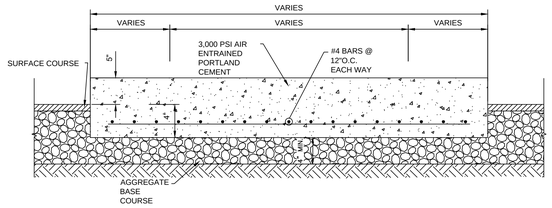
SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	PAY ITEM	QUANTITY	UNITS
301	SILT FENCE	505	LF
302	INLET FILTER PROTECTION	4	EA
303	CONSTRUCTION ENTRANCE	2	EA
304	PERMANENT VEGETATION	0.25	AC
305	2" ORGANIC TOPSOIL	93	CY
306	GRADED AGGREGATE BASE 8"	4100	SY
307	FINE GRADING	4100	SY
400	MILLING OF EXISTING ASPHALT	501	SY
403	HOT MIX ASPHALT SURFACE COURSE (TYPE C) 2"	490	TON
625.1	4" WHITE SOLID LINE-FAST DRY PAINT	925	LF
625.3	4" YELLOW SOLID LINE FAST DRY PAVEMENT MARKING	80	LF
625.2	4" BLUE SOLID LINE -THERMO	180	LF
627.1	HANDICAP SYMBOL-THERMOPLASTIC	2	EA
627.3	24" WHITE SOLID LINE STOP BAR -THERMO	45	LF
714	18" REINFORCED CONCRETE PIPE	4	LF
714.3	15" HIGH-DENSITY POLYETHYLENE (HDPE) PIPE	140	LF
720.1	CONCRETE CURBING	900	LF
720.3	CONCRETE HANDICAP ACCESS RAMP	1	EA
720.4	6" CONCRETE PARKING STOP BLOCK	17	EA
719.1	CATCH BASIN-TYPE 9- (36"X36"	3	EA
719.2	CONVERT EX-GRATE TO JB BOX TYPE-MANHOLE PER DETAILS (36"X36")	1	EA
719.2	MODIFY EX-YARD INLET PER DETAILS	1	EA

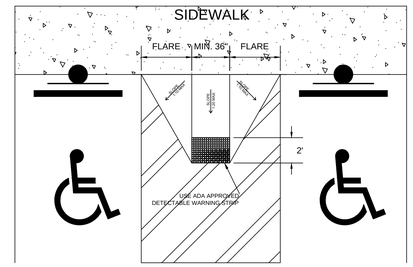


PARKING LOT
TYPICAL PAVEMENT SECTION

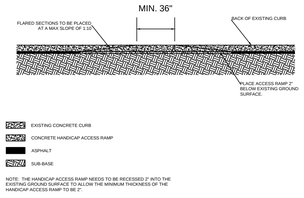
1. 2" HOT MIX ASPHALT SURFACE COURSE (TYPE C)
2. 8" GRADED AGGREGATE BASE COURSE
3. 18" PREPARED SUB-GRADE



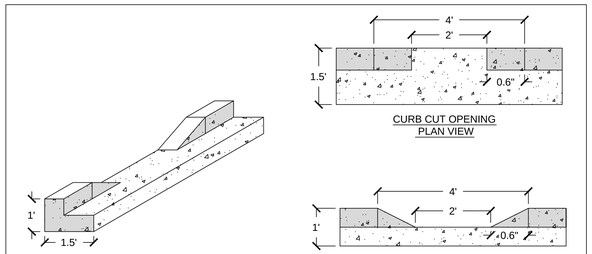
LEXINGTON COUNTY PUBLIC WORKS DEPARTMENT
CONCRETE ISLANDS
DRAWING NO:B-7
DATE:October, 2007



PLAN VIEW



SECTION 1-H

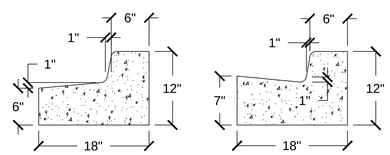


CURB CUT OPENING PLAN VIEW

CURB CUT OPENING 3D VIEW

CURB CUT OPENING PROFILE VIEW

CURB CUT DETAIL



EXPULSION COLLECTION

CURBING DETAIL

1. CONCRETE STRENGTH SHALL BE 3000 PSI
2. CONSTRUCTION JOINTS SHALL BE SPACED EVERY 8 TO 10 FEET

GENERAL NOTES:

1. ALL WORK ON THIS PROJECT SHALL BE DONE IN ACCORDANCE WITH THE SPECIAL PROVISIONS, THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION), AND THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS. ALL REFERENCES TO THE SPECIFICATIONS ON THE PLANS SHALL REFER TO THE SPECIAL PROVISIONS, UNLESS OTHERWISE NOTED.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE LATEST SET OF THESE PLANS AND SPECIAL PROVISIONS AND ANY REFERENCED SCDOT STANDARDS AT THE TIME OF NOTICE TO PROCEED.
3. BOUNDARY AND TOPOGRAPHIC INFORMATION FURNISHED BY LEXINGTON COUNTY ENGINEERS, INSERT Date Collected.
4. HORIZONTAL CONTROL: THE COORDINATES FOR THIS PROJECT HAVE BEEN ESTABLISHED BY GPS BASED ON SOUTH CAROLINA STATE PLANE NAD 83 (2011).
5. VERTICAL CONTROL: THE LOCATION AND ELEVATION OF BENCHMARKS ARE SHOWN ON THE PLANS. ALL ELEVATIONS SHOWN ARE IN FEET BASED ON NAVD 88 DATUM
6. ALL PROJECT INSPECTION LOGS / CERTIFIED TEST RESULTS SHALL BE SUBMITTED TO THE OWNER WITH EACH PAY REQUEST.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND MAINTAINING THE PERMANENT AND/OR TEMPORARY STABILIZATION ALONG THE PROJECT LIMITS IN ACCORDANCE TO THE SCDOT SPECIFICATIONS. THIS WORK IS INCIDENTAL TO THE TOTAL COST OF THE PROJECT AND SHALL BE CONTRACTORS RESPONSIBILITY UNTIL THE START OF THE WARRANTY PERIOD
8. ALL INVERT ELEVATIONS ARE APPROXIMATE. INVERT ELEVATIONS OF INLETS AND PIPES MAY BE MODIFIED AS DIRECTED BY THE ENGINEER TO MEET THE CONDITIONS ENCOUNTERED DURING INSTALLATION OF DRAINAGE STRUCTURES. ALL DITCHES AND PIPES SHALL BE CONSTRUCTED ON UNIFORM GRADE BETWEEN INVERT ELEVATIONS AS NOTED ON PLANS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
9. THE LOCATION AND LENGTH OF PIPE SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING.
10. ALL CATCH BASIN & GRATES TOPS (RING AND COVERS) SHALL ALIGN WITH STEPS FOR MAINTENANCE ACCESS
11. THE CONTRACTOR SHALL REMOVE ALL SEDIMENT AND DEBRIS FROM ALL PIPES WITHIN THE PROJECT LIMITS UPON COMPLETION OF THE WORK
12. THE CONTRACTOR SHALL GRADE FOR POSITIVE DRAINAGE AT ALL ROADWAY INTERSECTIONS, ENTRANCES, PARKING LOTS, AND YARDS IN CONFORMANCE WITH THE PROPOSED DRAINAGE PATTERNS ON THE PLANS
13. UTILITIES:
    - A. THE LOCATIONS OF UNDERGROUND AND AERIAL UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE CONSIDERED AS COMPLETE OR ACCURATE. THE CONTRACTOR SHALL NOTIFY PUPS TO ARRANGE STAKEOUT OF UTILITIES AT LEAST 3 DAYS PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR MUST PROTECT, IN PLACE, ALL ACTIVE UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED ON THE PLANS. NO S.U.E. OR VERTICAL LOCATIONS HAVE BEEN COMPLETED AS PART OF THE PROJECT.
    - B. B. REPAIRS TO UTILITIES OR PROPERTY DAMAGE AS A RESULT OF CONTRACTOR NEGLIGENCE OR METHOD OF OPERATION SHALL BE MADE AT NO ADDITIONAL COST TO THE COUNTY OR PROPERTY OWNER.
    - C. THE CONTRACTOR SHALL PROTECT AND NOT INTERRUPT EXISTING UTILITY SERVICES DURING CONSTRUCTION, UNLESS AUTHORIZED BY THE ENGINEER. THE CONTRACTOR SHALL SUPPORT EXISTING UNDERGROUND UTILITIES DURING CONSTRUCTION. THIS WORK SHALL BE INCIDENTAL TO THE PERTINENT PAY ITEMS. PORTIONS OF THE UTILITIES SHOWN ON THE PLANS MAY BE RELOCATED. NEW LOCATIONS SHALL BE AS SHOWN IN THESE CONTRACT PLANS.
    - D. ALL UNDERGROUND UTILITIES AND/OR CONDUITS AT PAVED AREAS MUST BE IN PLACE PRIOR TO THE PAVEMENT BASE CONSTRUCTION. CONTRACTOR SHALL ENSURE COMPACTION IN ALL UTILITY LOCATIONS.
    - E. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING MANHOLES, VALVE BOXES, OR OTHER UTILITIES LOCATED WITHIN THE ASPHALT OVERLAY AREA. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE FINAL ASPHALT PAVEMENT ITEM NECESSARY TO COMPLETE THE WORK, UNLESS OTHERWISE STATED.
14. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE OF TRAFFIC THROUGHOUT THE ENTIRE PERIOD OF CONSTRUCTION BY PROVIDING A REASONABLY SMOOTH AND EVEN SURFACE SATISFACTORY FOR THE USE OF PUBLIC TRAFFIC AND TO PROVIDE ACCESS TO ALL PUBLIC ROADS AND RESIDENTIAL ENTRANCES AT ALL TIMES.
15. ALL EXISTING ROADWAY SIGNAGE SHALL BE RELOCATED, REUSED OR REPLACED AS INDICATED ON THE PLANS OR AS DEEMED NECESSARY TO PERFORM THE WORK. IF ROADWAY REMAINS OPEN TO TRAFFIC DURING CONSTRUCTION, ALL SIGNS THAT ARE TO BE RELOCATED SHALL BE ERECTED IN A TEMPORARY MANNER THAT DOES NOT IMPEDE TRAFFIC FLOW. ANY SIGN MESSAGE THAT CONFLICTS WITH THE CONSTRUCTION TRAFFIC CONTROL SIGNAGE SHALL BE COVERED OR TEMPORARILY REMOVED.
16. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ACCESS FOR MAIL SERVICE DURING CONSTRUCTION. IF NECESSARY, CONTRACTOR SHALL COORDINATE ANY TEMPORARY MAILBOX RELOCATIONS WITH UNITED STATES POSTAL SERVICE.
17. THE CONTRACTOR SHALL ADHERE TO THE WEIGHT LIMITS PRESCRIBED ON SCDOT/COUNTY MAINTAINED ROADS FOR HAULING EQUIPMENT AND/OR MATERIALS TO AND FROM THIS SITE. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES TO THE ROADS AND/OR UTILITIES DUE TO NONCOMPLIANCE OF WEIGHT LIMIT REGULATIONS.
18. THE CONTRACTOR SHALL MAKE, CHECK, AND BE RESPONSIBLE FOR ALL MEASUREMENTS AND DIMENSIONS NECESSARY FOR THE PROPER CONSTRUCTION OF ALL WORK. ALL ROAD WIDTH LAYOUT DIMENSIONS SHOWN ARE TO THE EDGE OF PAVEMENT.
19. ALL TIE INS WITH EXISTING ASPHALT SHALL BE SAW CUT.
20. ALL RESIDENTIAL DRIVEWAYS SHALL BE RECONSTRUCTED IN ACCORDANCE WITH THE STANDARD DRIVEWAY DETAIL. ANY CHANGES TO INDIVIDUAL DRIVEWAYS SHALL BE COORDINATED WITH THE ENGINEER.
21. ALL DRIVEWAY CULVERTS SHALL BE RCP PIPE.
22. THE CONTRACTOR MUST NOT OCCUPY ANY NON-PERMITTED WETLAND AREAS.
23. THE COUNTY ENGINEER MUST SPECIFICALLY AUTHORIZE CHANGES INVOLVING INCREASED COST OF PROJECT. THE COUNTY'S REPRESENTATIVE IS PERMITTED UNDER THE DIRECTION OF THE COUNTY ENGINEER TO AUTHORIZE MINOR ALTERATIONS NOT IN CONFLICT WITH THE STANDARD PRACTICES OF THE COUNTY AND/OR SCDOT.
24. THE CONTRACTOR SHALL DEVELOP AND DISTRIBUTE A PROJECT FLYER WITH THE FOLLOWING INFORMATION: COMPANY NAME, PROJECT DESCRIPTION, 24-HOUR PROJECT CONTACT NAME AND NUMBER, PROPOSED PROJECT START AND FINISH DATES. THE FLYER WILL ALSO INCLUDE THE FOLLOWING STATEMENT, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE ALONG Insert Road Name Here FOR THE DURATION OF THE PROJECT. PLEASE CONTACT THE PROJECT CONTACT WITH ANY QUESTIONS YOU MAY HAVE. THE FLYER MUST BE PRINTED ON 8.5-INCH X 11-INCH PAPER AND APPROVED BY LEXINGTON COUNTY PRIOR TO DISTRIBUTION. DISTRIBUTION WILL CONSIST OF MAILING FLYER TO THE PROPERTY ADDRESSES AFFECTED BY THE PROJECT. FOR THOSE RESIDENCES IN WHICH THE LANDOWNER DOES NOT RESIDE ON Insert Road Name Here, THE CONTRACOR MUST ALSO DELIVER THE FLYER TO THE CITIZEN OCCUPYING SAID RESIDENCE.
25. CONTRACTOR SHALL CONTACT MR. RODNEY LIVINGSTON, SCDOT PERMIT INSPECTOR, LEXINGTON, SC (PHONE: 803-359-4103) 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ADDITIONAL CONTACTS MAY BE REQUIRED IN ACCORDANCE WITH ENCROACHMENT PERMIT AS SHOWN IN THE SPECIFICATIONS.

TABLE 3.14 PERMANENT VEGETATION SCHEDULE

Species	Rates (lbs/acr)	Optimum Dates to Plant	Remarks
Bahia Grass (Alone)	40	March 20 - June 15	Slow to become established
Bahia Grass (Mix)*	30	March 20 - June 15	Slow to become established
Bermuda Grass (Hulled) (Alone)	8-12	April - July 15	Quick cover, Sod forming, partial winter kill
Bermuda Grass (Hulled) (Mix)*	4-6	April - July 15	Quick cover, Sod forming, partial winter kill
Fescue, Tall (KY31) Alone	40	August 15 - October	Seldom seeded alone, not for dry or wet sites
Fescue, Tall (KY31) Mix*	20	August 15 - October	Seldom seeded alone, not for dry or wet sites
Sericea Lespedeza (Scarified) Alone or Mix*, (Innoculate with EL Innoculant)	40	April -June	Good for slopes, cuts, and fills that require low maintenance
Ladino Clover (Mix* only), (Innoculate with AB Innoculant)	2	August 20 - October	Naturally adds nitrogen

* For details on mixes consult the Lexington Soil and Water Conservation District, (803) 359-3165 ext. 3.

TABLE 3.15 PERMANENT VEGETATION SCHEDULE FOR STEEP SLOPES/CUT SLOPES

Species	Rates (lbs/acr)	Optimum Dates to Plant	Remarks
Weeping Lovegrass (Alone)	4	April - July 20	Quick cover, deep roots, likes dry sites, seldom used alone, clumps
Weeping Lovegrass (Mix)*	2	April - July 20	Quick cover, deep roots, likes dry sites, seldom used alone, clumps

TABLE 3.16 NATIVE SPECIES THAT CAN BE USED ON NON-CRITICAL, LEVEL SITES IN LEXINGTON COUNTY, SC

Species	Rates (lbs/acr)	Optimum Dates to Plant	Remarks
Switchgrass (Mix* with Legumes)	10, PLS**	February 10 - April 20	Mix with Serecia at 30 lbs/acre
Indian Grass (Mix)*	8, PLS**	February - April 20	Mix with Serecia at 30 lbs/acre
Little Bluestem, (Mix*)	8, PLS**	February 10 - April	

* Pure Live Seed

LEXINGTON COUNTY PUBLIC WORKS DEPARTMENT
PERMANENT VEGETATION NOTES & SCHEDULE (Sheet 2 of 2)
DRAWING NO:D-11A
DATE:October 2007

Plant Selection
Plant seed selection should be based on the type of soil, the season of the year in which the planting is to be done, and the needs and desires of the permanent land user. Tables 3.14 and 3.15 should be used to select the desired species to be planted. Failure to carefully follow agronomic recommendations often result in an inadequate stand of permanent vegetation that provides little or no erosion control. The rates in Tables 3.14 and 3.15 are based on purity and germination standards required for certification.

The following notes apply to Tables 3.14 and 3.15.
1. In mixtures with temporary cover, the full seeding rate of permanent cover shall be used.
2. Mix means 2 or more long term species plus short term species. For dates other than optimum, call the Lexington Soil and Water Conservation District, (803) 359-3165 ext. 3.
3. A legume, such as a clover, crown vetch, and serecia should be used where it is possible.
4. The appropriate inoculants should be used.

Topsoil
If the surface soil of the seedbed is not adequate for plant growth, topsoil should be applied.

Tillage
If the area has been recently plowed, no tillage is required other than raking or Surface Roughening to break any crust that has formed and to leave a textured surface. If the soil is compacted less than 6-inches, it should be disked for optimal germination. If the soil is compacted more than 6-inches, it should be sub-soiled and disked.

Soil Testing
Information and test provider is available from the PW/SWD and the Soil and Water Conservation District Office.

Lime
Unless a specific soil test indicates otherwise, apply 1+ tons of ground course textured agricultural limestone per acre (70 pounds per 1000 square feet).

Fertilizer
A minimum of 1000 pounds per acre of a complete 10-10-10 fertilizer (23 pounds per 1000 square feet) or equivalent should be applied during permanent seeding of grasses unless a soil test indicates a different requirement. Fertilizer and lime (if used) should be incorporated into the top 4-6 inches of the soil by disking or other means where conditions allow. Do not mix the lime and the fertilizer prior to the field application.

Seeding
The surface of the soil should be loosened just before broadcasting the seed. Seed should be evenly applied by the most convenient method available for the type of seed to be applied. Typical application methods include but are not limited to cyclone seeders, rotary spreaders, drop spreaders, broadcast spreaders, hand spreaders, cultipacker seeder, and hydro-seeders. Cover applied seed by raking or dragging a chain or brush mat, and then lightly firm the area with a roller or cultipacker. Do not roll seed that is applied with a hydro-seeder and hydro-mulch.

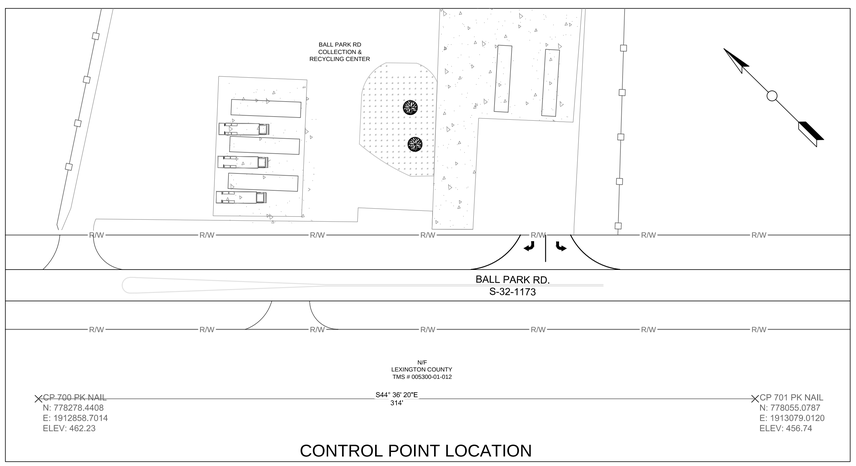
Mulching
All permanent seeded areas should be covered with mulch immediately upon completion of the seeding application to retain soil moisture and reduce erosion during establishment of vegetation. The mulch should be applied evenly in such a manner that it provides a minimum of 75% coverage. Typical mulch applications include straw, wood chips, bark, wood fiber, and compost mulch. The most commonly accepted mulch used in conjunction with permanent seeding is small grain straw. This straw should be dry and free from mold damage and noxious weeds. The straw may need to be anchored with netting or asphalt emulsions to prevent it from being blown or washed away. The straw mulch may be applied by hand or machine at the rate 2 tons per acre (90 pounds per 1000 square feet). Frequent inspections are necessary to check that conditions for growth are good.

Irrigation
Permanent seeded areas should be kept adequately moist, especially late in the specific growing season. Irrigate the seeded area if normal rainfall is not adequate for the germination and growth of seedlings. Water seeded areas at controlled rates that are less than the rate at which the soil can absorb water to prevent runoff. Runoff of irrigation water wastes water and can cause erosion.

Re-seeding
Inspect permanently seeded areas for failure, make necessary repairs and re-seed or overseed within the same growing season if possible. If the grass cover is sparse or patchy, re-evaluate the choice of grass and quantities of lime and fertilizer applied. If the permanent seeding has less than 40% cover, have the soil tested to determine any acidity or nutrient deficiency problems. Final stabilization by permanent seeding of the site requires that it be covered by a 70% coverage rate.

Post-Stabilization
Once areas are stabilized they can be converted to native species or for establishing on non-critical, level sites. Table 3.16 lists some native species of Lexington County that can be used.

LEXINGTON COUNTY PUBLIC WORKS DEPARTMENT
PERMANENT VEGETATION NOTES & SCHEDULE (Sheet 1 of 2)
DRAWING NO:D-11
DATE:October 2007



CONTROL POINT LOCATION

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: DESIGNER | DATE: 3-25-2014
DWN BY: PD | CKD BY: CHECKED BY | SOLICITATION NO.: SOLICITATION NO.
SUBMITTED BY: LEXINGTON COUNTY | CONTRACT NO.: CONTRACT NO.
PLOT SCALE: N/A | PLOT DATE: PLOT DATE | FILE NUMBER: FILE NO.
SIZE: ARCH D | FILE NAME: FILE NAME

LEXINGTON COUNTY PUBLIC WORKS DEPARTMENT
440 BALL PARK RD
LEXINGTON, SC 29072

GEN. NOTES, SUMMARY OF QUANTITIES, & DETAILS
FIRE TRAINING PARKING LOT REHAB

SHEET IDENTIFICATION
2
SHEET 2 OF 6

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: DESIGNER
DWN BY: PD
CKD BY: CHECKED BY
SUBMITTED BY: LEXINGTON COUNTY
PLOT SCALE: NIA
PLOT DATE: PLOT DATE
SIZE: ARCH D
FILE NAME: FILE NAME
DATE: 3-25-2014
SOLICITATION NO.: SOLICITATION NO.
CONTRACT NO.: CONTRACT NO.
FILE NUMBER: FILE NO.

LEXINGTON COUNTY
PUBLIC WORKS
DEPARTMENT

440 BALL PARK RD
LEXINGTON, SC 29072

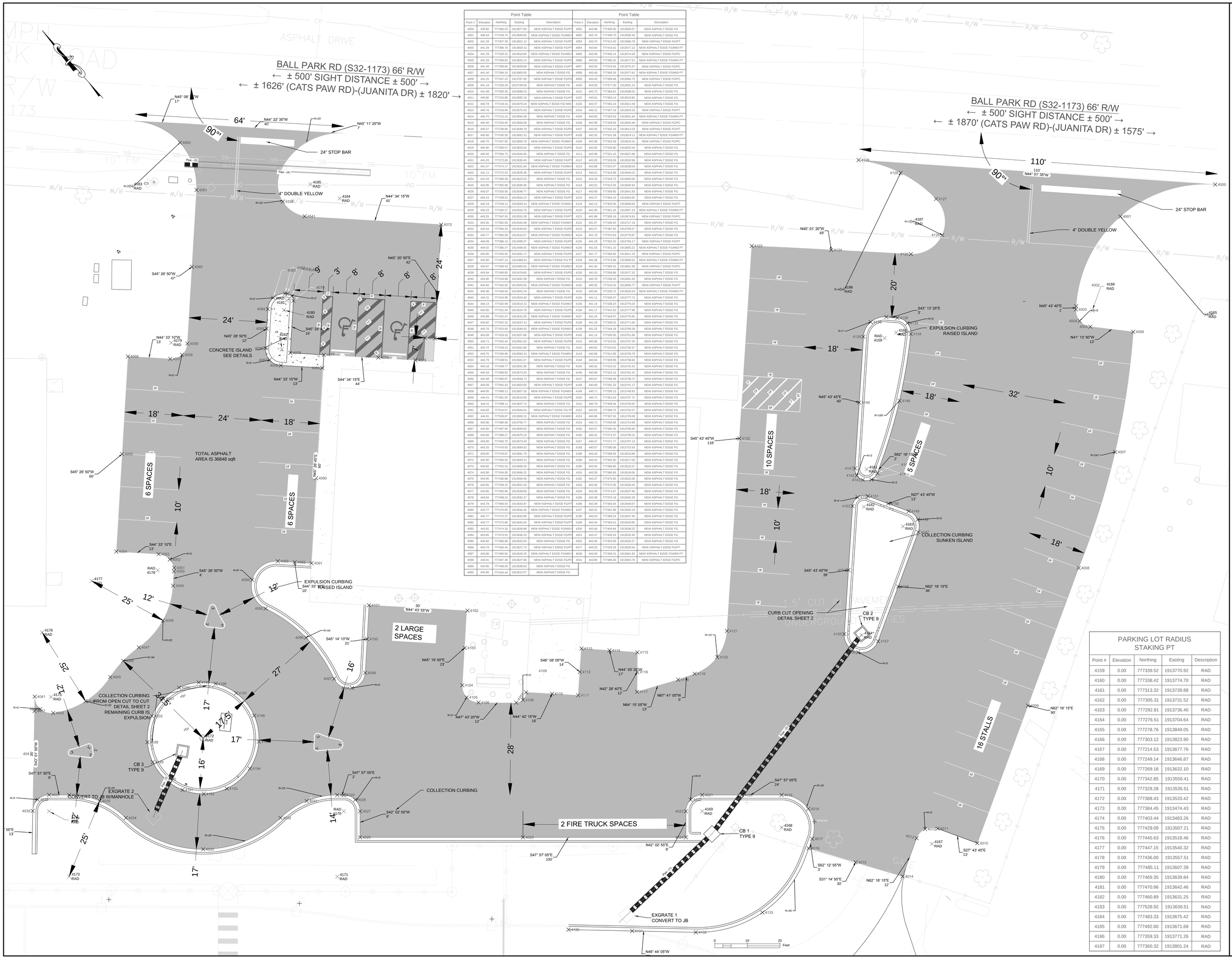
EXISTING CONDITION & DEMO PLAN

FIRE TRAINING PARKING LOT REHAB

SHEET IDENTIFICATION

3

SHEET 3 OF 6



Point Table					Point Table				
Point #	Elevation	Northing	Easting	Description	Point #	Elevation	Northing	Easting	Description
4000	439.80	777306.53	1913877.83	NEW ASPHALT EDGE FG/PT	4091	443.88	777406.00	1913594.07	NEW ASPHALT EDGE FG
4001	440.54	777318.75	1913849.65	NEW ASPHALT EDGE FG/MID	4092	443.76	777409.70	1913590.43	NEW ASPHALT EDGE FG
4002	441.29	777307.39	1913821.12	NEW ASPHALT EDGE FG/PC	4093	443.70	777413.45	1913586.78	NEW ASPHALT EDGE FG/PT
4003	441.29	777306.70	1913820.41	NEW ASPHALT EDGE FG/PT	4094	443.64	777414.42	1913577.13	NEW ASPHALT EDGE FG/MID PT
4004	441.29	777303.31	1913818.90	NEW ASPHALT EDGE FG/MID	4095	443.58	777405.14	1913574.26	NEW ASPHALT EDGE FG/PC
4005	441.29	777299.82	1913820.14	NEW ASPHALT EDGE FG/PC	4096	443.56	777390.20	1913577.51	NEW ASPHALT EDGE FG/MID PT
4006	441.49	777289.84	1913828.89	NEW ASPHALT EDGE FG/PT	4097	443.54	777375.04	1913575.47	NEW ASPHALT EDGE FG/PC
4007	441.40	777286.16	1913800.05	NEW ASPHALT EDGE FG	4098	443.49	777369.26	1913577.62	NEW ASPHALT EDGE FG/MID PT
4008	441.31	777247.23	1913767.95	NEW ASPHALT EDGE FG/PC	4099	443.45	777369.98	1913583.75	NEW ASPHALT EDGE FG/PC
4009	441.19	777226.29	1913728.06	NEW ASPHALT EDGE FG	4100	443.59	777377.30	1913591.13	NEW ASPHALT EDGE FG
4010	441.08	777205.35	1913688.23	NEW ASPHALT EDGE FG	4101	443.73	777384.62	1913598.52	NEW ASPHALT EDGE FG
4011	440.80	777216.86	1913682.18	NEW ASPHALT EDGE FG/PT	4102	443.61	777363.14	1913619.85	NEW ASPHALT EDGE FG
4012	440.78	777219.31	1913679.24	NEW ASPHALT EDGE FG/ MID	4103	443.37	777355.16	1913611.59	NEW ASPHALT EDGE FG
4013	440.76	777218.96	1913675.43	NEW ASPHALT EDGE FG/PC	4104	443.12	777347.19	1913603.33	NEW ASPHALT EDGE FG/PT
4014	440.70	777213.15	1913664.38	NEW ASPHALT EDGE FG	4105	443.05	777343.53	1913601.84	NEW ASPHALT EDGE FG/MID PT
4015	440.40	777226.00	1913656.58	NEW ASPHALT EDGE FG	4106	442.98	777339.94	1913603.48	NEW ASPHALT EDGE FG/PC
4016	440.57	777238.86	1913648.78	NEW ASPHALT EDGE FG/PC	4107	442.92	777332.16	1913612.03	NEW ASPHALT EDGE FG/PT
4017	440.60	777240.30	1913651.51	NEW ASPHALT EDGE FG/PT	4108	442.91	777331.38	1913614.11	NEW ASPHALT EDGE FG/MID PT
4018	440.70	777247.90	1913656.78	NEW ASPHALT EDGE FG/MID	4109	442.96	777332.49	1913616.41	NEW ASPHALT EDGE FG/PC
4019	440.80	777256.57	1913653.54	NEW ASPHALT EDGE FG/PC	4110	442.92	777326.80	1913622.04	NEW ASPHALT EDGE FG
4020	440.92	777264.73	1913644.50	NEW ASPHALT EDGE FG	4111	442.88	777321.10	1913627.68	NEW ASPHALT EDGE FG
4021	441.03	777272.89	1913635.46	NEW ASPHALT EDGE FG/PT	4112	443.28	777326.09	1913632.66	NEW ASPHALT EDGE FG
4022	441.07	777274.17	1913631.84	NEW ASPHALT EDGE FG/MID	4113	443.68	777331.07	1913638.04	NEW ASPHALT EDGE FG
4023	441.11	777272.53	1913628.38	NEW ASPHALT EDGE FG/PC	4114	443.51	777324.89	1913644.02	NEW ASPHALT EDGE FG
4024	441.03	777266.59	1913623.03	NEW ASPHALT EDGE FG	4115	443.33	777318.72	1913650.00	NEW ASPHALT EDGE FG
4025	442.05	777300.08	1913585.90	NEW ASPHALT EDGE FG	4116	443.01	777314.26	1913645.92	NEW ASPHALT EDGE FG
4026	443.07	777333.56	1913548.77	NEW ASPHALT EDGE FG	4117	442.68	777309.80	1913641.83	NEW ASPHALT EDGE FG
4027	443.15	777339.51	1913554.13	NEW ASPHALT EDGE FG/PT	4118	442.27	777304.10	1913653.65	NEW ASPHALT EDGE FG
4028	443.19	777343.11	1913555.41	NEW ASPHALT EDGE FG/MID	4119	442.13	777302.05	1913656.64	NEW ASPHALT EDGE FG/PT
4029	443.23	777346.57	1913553.76	NEW ASPHALT EDGE FG/PC	4120	441.90	777301.20	1913667.19	NEW ASPHALT EDGE FG/MID PT
4030	443.25	777347.91	1913552.28	NEW ASPHALT EDGE FG/PT	4121	441.68	777305.19	1913674.81	NEW ASPHALT EDGE FG/PC
4031	443.35	777352.83	1913544.06	NEW ASPHALT EDGE FG/MID	4122	441.97	777346.50	1913717.19	NEW ASPHALT EDGE FG
4032	443.44	777354.33	1913534.64	NEW ASPHALT EDGE FG/PC	4123	442.27	777387.82	1913759.57	NEW ASPHALT EDGE FG
4033	443.77	777360.09	1913510.57	NEW ASPHALT EDGE FG/MID	4124	441.78	777370.53	1913776.87	NEW ASPHALT EDGE FG
4034	444.09	777386.13	1913499.37	NEW ASPHALT EDGE FG/PC	4125	441.29	777353.25	1913794.17	NEW ASPHALT EDGE FG/PT
4035	444.02	777395.37	1913496.92	NEW ASPHALT EDGE FG/MID	4126	441.53	777351.15	1913805.22	NEW ASPHALT EDGE FG/MID PT
4036	443.95	777403.02	1913491.17	NEW ASPHALT EDGE FG/PC	4127	441.77	777360.65	1913811.23	NEW ASPHALT EDGE FG/PC
4037	443.90	777407.14	1913486.61	NEW ASPHALT EDGE FG/ PT	4128	441.58	777373.86	1913808.52	NEW ASPHALT EDGE FG/MID PT
4038	443.87	777408.43	1913483.05	NEW ASPHALT EDGE FG/MID	4129	441.40	777385.42	1913801.58	NEW ASPHALT EDGE FG/PC
4039	443.84	777408.85	1913479.65	NEW ASPHALT EDGE FG/PC	4130	441.01	777389.48	1913577.32	NEW ASPHALT EDGE FG
4040	443.80	777419.68	1913491.58	NEW ASPHALT EDGE FG	4131	440.78	777256.30	1913591.54	NEW ASPHALT EDGE FG
4041	444.40	777432.50	1913503.55	NEW ASPHALT EDGE FG/MID	4132	440.55	777242.91	1913605.77	NEW ASPHALT EDGE FG/PT
4042	444.36	777428.54	1913502.24	NEW ASPHALT EDGE FG	4133	440.56	777233.72	1913625.03	NEW ASPHALT EDGE FG/MID PT
4043	444.31	777424.96	1913504.40	NEW ASPHALT EDGE FG/PC	4134	441.11	777335.07	1913777.71	NEW ASPHALT EDGE FG
4044	444.13	777420.99	1913514.21	NEW ASPHALT EDGE FG/MID	4135	441.14	777338.23	1913779.20	NEW ASPHALT EDGE FG
4045	443.95	777421.44	1913524.75	NEW ASPHALT EDGE FG/PC	4136	441.17	777341.50	1913777.98	NEW ASPHALT EDGE FG
4046	443.86	777422.47	1913531.05	NEW ASPHALT EDGE FG/MID	4137	441.24	777343.97	1913775.65	NEW ASPHALT EDGE FG
4047	443.82	777422.32	1913537.41	NEW ASPHALT EDGE FG/PC	4138	441.28	777346.02	1913771.06	NEW ASPHALT EDGE FG
4048	443.76	777423.50	1913548.43	NEW ASPHALT EDGE FG/MID	4139	441.32	777344.18	1913766.38	NEW ASPHALT EDGE FG
4049	443.69	777429.33	1913557.86	NEW ASPHALT EDGE FG/PC	4140	441.14	777330.05	1913751.88	NEW ASPHALT EDGE FG
4050	443.71	777432.44	1913561.02	NEW ASPHALT EDGE FG/PC	4141	440.96	777315.91	1913737.39	NEW ASPHALT EDGE FG
4051	443.72	777433.21	1913561.80	NEW ASPHALT EDGE FG	4142	440.92	777313.91	1913736.37	NEW ASPHALT EDGE FG
4052	443.75	777439.56	1913562.51	NEW ASPHALT EDGE FG/MID	4143	440.88	777311.69	1913736.78	NEW ASPHALT EDGE FG
4053	443.79	777439.51	1913561.07	NEW ASPHALT EDGE FG/PC	4144	440.84	777309.98	1913738.84	NEW ASPHALT EDGE FG
4054	444.18	777448.77	1913551.95	NEW ASPHALT EDGE FG	4145	440.81	777310.22	1913741.51	NEW ASPHALT EDGE FG
4055	444.33	777449.82	1913573.33	NEW ASPHALT EDGE FG	4146	440.96	777322.15	1913761.41	NEW ASPHALT EDGE FG
4056	444.48	777490.87	1913594.71	NEW ASPHALT EDGE FG	4147	440.67	777288.38	1913738.72	NEW ASPHALT EDGE FG
4057	444.09	777481.61	1913603.83	NEW ASPHALT EDGE FG/PT	4148	440.69	777291.32	1913741.17	NEW ASPHALT EDGE FG
4058	443.90	777480.11	1913607.35	NEW ASPHALT EDGE FG/MID	4149	440.71	777295.13	1913740.82	NEW ASPHALT EDGE FG
4059	444.01	777481.55	1913610.90	NEW ASPHALT EDGE FG/PC	4150	440.71	777301.03	1913737.72	NEW ASPHALT EDGE FG
4060	444.31	777498.11	1913627.72	NEW ASPHALT EDGE FG	4151	440.79	777306.94	1913734.62	NEW ASPHALT EDGE FG
4061	444.62	777514.67	1913644.54	NEW ASPHALT EDGE FG/ PT	4152	440.82	777308.76	1913732.07	NEW ASPHALT EDGE FG
4062	444.81	777528.87	1913650.51	NEW ASPHALT EDGE FG/MID	4153	440.86	777307.81	1913729.08	NEW ASPHALT EDGE FG
4063	443.90	777480.48	1913706.77	NEW ASPHALT EDGE FG	4154	440.71	777294.08	1913714.99	NEW ASPHALT EDGE FG
4067	443.80	777497.90	1913693.62	NEW ASPHALT EDGE FG	4155	440.57	777280.35	1913700.90	NEW ASPHALT EDGE FG
4068	443.60	777488.27	1913675.23	NEW ASPHALT EDGE FG	4156	440.42	777273.37	1913700.31	NEW ASPHALT EDGE FG
4069	443.80	777493.70	1913673.40	NEW ASPHALT EDGE FG	4157	440.47	777271.77	1913707.13	NEW ASPHALT EDGE FG
4070	443.20	777478.92	1913684.62	NEW ASPHALT EDGE FG	4158	440.57	777280.08	1913722.93	NEW ASPHALT EDGE FG
4071	443.00	777478.87	1913691.79	NEW ASPHALT EDGE FG	4188	443.43	777398.93	1913519.89	NEW ASPHALT EDGE FG
4072	442.90	777456.50	1913693.21	NEW ASPHALT EDGE FG	4189	443.42	777393.30	1913517.00	NEW ASPHALT EDGE FG
4073	443.82	777431.91	1913666.33	NEW ASPHALT EDGE FG	4190	443.40	777386.85	1913516.37	NEW ASPHALT EDGE FG
4074	443.90	777434.05	1913666.22	NEW ASPHALT EDGE FG	4191	443.39	777380.85	1913516.06	NEW ASPHALT EDGE FG
4075	443.95	777430.88	1913659.49	NEW ASPHALT EDGE FG	4192	443.37	777375.60	1913522.08	NEW ASPHALT EDGE FG
4076	443.95	777439.15	1913651.53	NEW ASPHALT EDGE FG	4193	443.36	777372.05	1913528.43	NEW ASPHALT EDGE FG
4077	443.95	777450.96	1913639.69	NEW ASPHALT EDGE FG	4194	443.36	777371.87	1913537.80	NEW ASPHALT EDGE FG
4078	443.84	777458.31	1913632.47	NEW ASPHALT EDGE FG	4195	443.38	777376.18	1913545.39	NEW ASPHALT EDGE FG
4079	443.78	777469.54	1913643.87	NEW ASPHALT EDGE FG/PT	4196	443.39	777383.04	1913549.67	NEW ASPHALT EDGE FG
4080	443.77	777470.96	1913644.46	NEW ASPHALT EDGE FG/MID	4197	443.42	777391.88	1913550.19	NEW ASPHALT EDGE FG
4081	443.77	777472.37	1913643.89	NEW ASPHALT EDGE FG/PC	4198	443.43	777398.24	1913547.45	NEW ASPHALT EDGE FG
4082	443.77	777472.86	1913643.40	NEW ASPHALT EDGE FG/PT	4199	443.44	777402.01	1913543.85	NEW ASPHALT EDGE FG
4083	443.81	777474.35	1913639.88	NEW ASPHALT EDGE FG/MID	4200	443.46	777404.84	1913538.32	NEW ASPHALT EDGE FG
4084	443.85	777472.91	1913636.33	NEW ASPHALT EDGE FG/PC	4201	443.47	777405.53	1913532.45	NEW ASPHALT EDGE FG
4085	443.82	777468.68	1913632.04	NEW ASPHALT EDGE FG	4202	443.45	777403.99	1913526.27	NEW ASPHALT EDGE FG
4086	443.79	777464.45	1913627.74	NEW ASPHALT EDGE FG/PT	4477	444.20	777429.28	1913500.54	NEW ASPHALT EDGE FG/PT
4087	443.80	777460.92	1913626.25	NEW ASPHALT EDGE FG/MID	4538	444.00	777494.31	1913661.83	NEW ASPHALT EDGE FG/MID PT
4088	443.81	777457.38	1913627.68	NEW ASPHALT EDGE FG/PC	4541	443.80	777486.46	1913663.78	NEW ASPHALT EDGE FG/PC
4089	443.95	777448.29	1913636.63	NEW ASPHALT EDGE FG					
4090	443.90	777424.44	1913612.57	NEW ASPHALT EDGE FG					

PARKING LOT RADIUS STAKING PT

Point #	Elevation	Northing	Easting	Description
4159	0.00	777339.52	1913770.92	RAD
4160	0.00	777338.42	1913774.70	RAD
4161	0.00	777313.32	1913739.88	RAD
4162	0.00	777305.31	1913731.52	RAD
4163	0.00	777292.81	1913736.40	RAD
4164	0.00	777276.51	1913704.64	RAD
4165	0.00	777278.76	1913849.05	RAD
4166	0.00	777303.12	1913823.90	RAD
4167	0.00	777214.53	1913677.76	RAD
4168	0.00	777249.14	1913646.87	RAD
4169	0.00	777269.18	1913632.10	RAD
4170	0.00	777342.85	1913550.41	RAD
4171	0.00	777329.28	1913535.51	RAD
4172	0.00	777388.43	1913533.42	RAD
4173	0.00	777384.45	1913474.43	RAD
4174	0.00	777403.44	1913483.26	RAD
4175	0.00	777429.09	1913507.21	RAD
4176	0.00	777445.63	1913518.46	RAD
4177	0.00	777447.15	1913540.32	RAD
4178	0.00	777436.00	1913557.51	RAD
4179	0.00	777485.11	1913607.39	RAD
4180	0.00	777469.35	1913639.84	RAD
4181	0.00	777470.96	1913642.46	RAD
4182	0.00	777460.89	1913631.25	RAD
4183	0.00	777528.92	1913630.51	RAD
4184	0.00	777483.33	1913675.42	RAD
4185	0.00	777492.60	1913671.68	RAD
4186	0.00	777359.33	1913771.26	RAD
4187	0.00	777360.32	1913801.24	RAD

Lexington County South Carolina

MARK	DESCRIPTION	DATE	APPR.

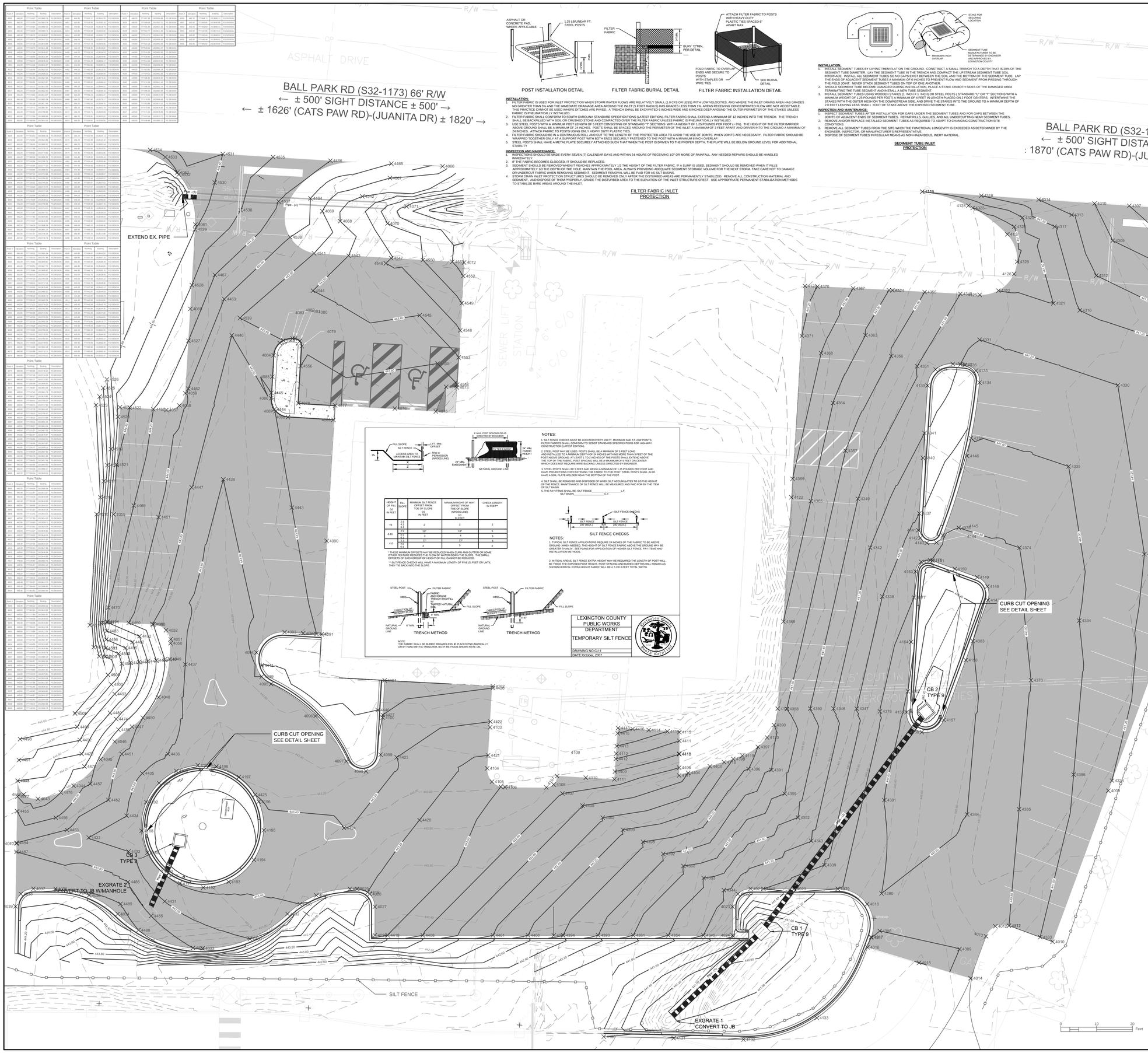
DESIGNED BY: DESIGNER
DATE: 3-25-2014
DWN BY: PD
CKD BY: CHECKED BY
SOLICITATION NO.: SOLICITATION NO.
SUBMITTED BY: LEXINGTON COUNTY
CONTRACT NO.: CONTRACT NO.
PLOT SCALE: N/A
PLOT DATE: PLOT DATE
FILE NUMBER: FILE NO.
SIZE: ARCH D
FILE NAME: FILE NAME

LEXINGTON COUNTY
PUBLIC WORKS
DEPARTMENT

440 BALL PARK RD
LEXINGTON, SC 29072

SITE PLAN LAYOUT
FIRE TRAINING PARKING LOT REHAB

SHEET IDENTIFICATION
4
SHEET 4 OF 6



Point Table

Point #	Elevation	Northing	Easting	Description
4301	440.00	1773317.21	1513800.73	FG DESIGN
4302	440.00	1773315.21	1513812.73	FG DESIGN
4303	440.00	1773315.21	1513822.73	FG DESIGN
4304	440.00	1773315.21	1513832.73	FG DESIGN
4305	440.00	1773315.21	1513842.73	FG DESIGN
4306	440.00	1773315.21	1513852.73	FG DESIGN
4307	440.00	1773315.21	1513862.73	FG DESIGN
4308	440.00	1773315.21	1513872.73	FG DESIGN
4309	440.00	1773317.21	1513882.73	FG DESIGN
4310	440.00	1773317.21	1513892.73	FG DESIGN
4311	440.00	1773317.21	1513902.73	FG DESIGN
4312	440.00	1773317.21	1513912.73	FG DESIGN
4313	440.00	1773317.21	1513922.73	FG DESIGN
4314	440.00	1773317.21	1513932.73	FG DESIGN
4315	440.00	1773317.21	1513942.73	FG DESIGN
4316	440.00	1773317.21	1513952.73	FG DESIGN
4317	440.00	1773317.21	1513962.73	FG DESIGN
4318	440.00	1773317.21	1513972.73	FG DESIGN
4319	440.00	1773317.21	1513982.73	FG DESIGN
4320	440.00	1773317.21	1513992.73	FG DESIGN
4321	440.00	1773317.21	1514002.73	FG DESIGN
4322	440.00	1773317.21	1514012.73	FG DESIGN
4323	440.00	1773317.21	1514022.73	FG DESIGN
4324	440.00	1773317.21	1514032.73	FG DESIGN
4325	440.00	1773317.21	1514042.73	FG DESIGN
4326	440.00	1773317.21	1514052.73	FG DESIGN
4327	440.00	1773317.21	1514062.73	FG DESIGN
4328	440.00	1773317.21	1514072.73	FG DESIGN
4329	440.00	1773317.21	1514082.73	FG DESIGN
4330	440.00	1773317.21	1514092.73	FG DESIGN
4331	440.00	1773317.21	1514102.73	FG DESIGN
4332	440.00	1773317.21	1514112.73	FG DESIGN
4333	440.00	1773317.21	1514122.73	FG DESIGN
4334	440.00	1773317.21	1514132.73	FG DESIGN
4335	440.00	1773317.21	1514142.73	FG DESIGN
4336	440.00	1773317.21	1514152.73	FG DESIGN
4337	440.00	1773317.21	1514162.73	FG DESIGN
4338	440.00	1773317.21	1514172.73	FG DESIGN
4339	440.00	1773317.21	1514182.73	FG DESIGN
4340	440.00	1773317.21	1514192.73	FG DESIGN
4341	440.00	1773317.21	1514202.73	FG DESIGN
4342	440.00	1773317.21	1514212.73	FG DESIGN
4343	440.00	1773317.21	1514222.73	FG DESIGN
4344	440.00	1773317.21	1514232.73	FG DESIGN
4345	440.00	1773317.21	1514242.73	FG DESIGN
4346	440.00	1773317.21	1514252.73	FG DESIGN
4347	440.00	1773317.21	1514262.73	FG DESIGN
4348	440.00	1773317.21	1514272.73	FG DESIGN
4349	440.00	1773317.21	1514282.73	FG DESIGN
4350	440.00	1773317.21	1514292.73	FG DESIGN
4351	440.00	1773317.21	1514302.73	FG DESIGN
4352	440.00	1773317.21	1514312.73	FG DESIGN
4353	440.00	1773317.21	1514322.73	FG DESIGN
4354	440.00	1773317.21	1514332.73	FG DESIGN
4355	440.00	1773317.21	1514342.73	FG DESIGN
4356	440.00	1773317.21	1514352.73	FG DESIGN
4357	440.00	1773317.21	1514362.73	FG DESIGN
4358	440.00	1773317.21	1514372.73	FG DESIGN
4359	440.00	1773317.21	1514382.73	FG DESIGN
4360	440.00	1773317.21	1514392.73	FG DESIGN
4361	440.00	1773317.21	1514402.73	FG DESIGN
4362	440.00	1773317.21	1514412.73	FG DESIGN
4363	440.00	1773317.21	1514422.73	FG DESIGN
4364	440.00	1773317.21	1514432.73	FG DESIGN
4365	440.00	1773317.21	1514442.73	FG DESIGN
4366	440.00	1773317.21	1514452.73	FG DESIGN
4367	440.00	1773317.21	1514462.73	FG DESIGN
4368	440.00	1773317.21	1514472.73	FG DESIGN
4369	440.00	1773317.21	1514482.73	FG DESIGN
4370	440.00	1773317.21	1514492.73	FG DESIGN
4371	440.00	1773317.21	1514502.73	FG DESIGN
4372	440.00	1773317.21	1514512.73	FG DESIGN
4373	440.00	1773317.21	1514522.73	FG DESIGN
4374	440.00	1773317.21	1514532.73	FG DESIGN
4375	440.00	1773317.21	1514542.73	FG DESIGN
4376	440.00	1773317.21	1514552.73	FG DESIGN
4377	440.00	1773317.21	1514562.73	FG DESIGN
4378	440.00	1773317.21	1514572.73	FG DESIGN
4379	440.00	1773317.21	1514582.73	FG DESIGN
4380	440.00	1773317.21	1514592.73	FG DESIGN
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4382	440.00	1773317.21	1514612.73	FG DESIGN
4383	440.00	1773317.21	1514622.73	FG DESIGN
4384	440.00	1773317.21	1514632.73	FG DESIGN
4385	440.00	1773317.21	1514642.73	FG DESIGN
4386	440.00	1773317.21	1514652.73	FG DESIGN
4387	440.00	1773317.21	1514662.73	FG DESIGN
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4389	440.00	1773317.21	1514682.73	FG DESIGN
4390	440.00	1773317.21	1514692.73	FG DESIGN
4391	440.00	1773317.21	1514702.73	FG DESIGN
4392	440.00	1773317.21	1514712.73	FG DESIGN
4393	440.00	1773317.21	1514722.73	FG DESIGN
4394	440.00	1773317.21	1514732.73	FG DESIGN
4395	440.00	1773317.21	1514742.73	FG DESIGN
4396	440.00	1773317.21	1514752.73	FG DESIGN
4397	440.00	1773317.21	1514762.73	FG DESIGN
4398	440.00	1773317.21	1514772.73	FG DESIGN
4399	440.00	1773317.21	1514782.73	FG DESIGN
4400	440.00	1773317.21	1514792.73	FG DESIGN
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4407	440.00	1773317.21	1514862.73	FG DESIGN
4408	440.00	1773317.21	1514872.73	FG DESIGN
4409	440.00	1773317.21	1514882.73	FG DESIGN
4410	440.00	1773317.21	1514892.73	FG DESIGN
4411	440.00	1773317.21	1514902.73	FG DESIGN
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INSTALLATION:

1. FILTER FABRIC IS USED FOR INLET PROTECTION WHEN STORM WATER FLOWS ARE RELATIVELY SMALL (1.0 CFS OR LESS) WITH LOW VELOCITIES, AND WHERE THE INLET DRAINS AREA HAS GRADES NO GREATER THAN 5% AND THE IMMEDIATE DRAINAGE AREA AROUND THE INLET (5 FOOT RADIUS) HAS GRADES LESS THAN 1%. AREAS RECEIVING CONCENTRATED FLOW ARE NOT ACCEPTABLE. THIS PRACTICE CANNOT BE USED WHERE DITCHES ARE PAVED. A TRENCH SHALL BE EXCAVATED 6 INCHES WIDE AND 6 INCHES DEEP AROUND THE OUTER PERIMETER OF THE STAKES UNLESS FABRIC IS PNEUMATICALLY INSTALLED.
2. FILTER FABRIC SHALL CONFORM TO SOUTH CAROLINA STANDARD SPECIFICATIONS (LATEST EDITION). FILTER FABRIC SHALL EXTEND A MINIMUM OF 12 INCHES INTO THE TRENCH. THE TRENCH SHALL BE BACKFILLED WITH SOIL OR CRUSHED STONE AND COMPACTED OVER THE FILTER FABRIC UNLESS FABRIC IS PNEUMATICALLY INSTALLED.
3. STAKES SHALL BE SPACED A MAXIMUM LENGTH OF 3 FEET CONSISTING OF STANDARD "T" SECTIONS WITH A WEIGHT OF 1.25 POUNDS PER FOOT (+ 8%). THE HEIGHT OF THE FILTER BARRIER ABOVE GROUND SHALL BE A MINIMUM OF 24 INCHES. POSTS SHALL BE SPACED AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART AND DRIVEN INTO THE GROUND A MINIMUM OF 24 INCHES. ATTACH FABRIC TO POSTS USING ONLY HEAVY DUTY PLASTIC TIES.
4. FILTER FABRIC SHOULD BE IN A CONTINUOUS ROLL AND CUT TO THE LENGTH OF THE PROTECTED AREA TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER FABRIC SHOULD BE WRAPPED TOGETHER ONLY AT A SUPPORT POST WITH BOTH ENDS SECURELY FASTENED TO THE POST WITH A MINIMUM 6 INCH OVERLAP.
5. STEEL POSTS SHALL HAVE A METAL PLATE SECURELY ATTACHED SUCH THAT WHEN THE POST IS DRIVEN TO THE PROPER DEPTH, THE PLATE WILL BE BELOW GROUND LEVEL FOR ADDITIONAL STABILITY

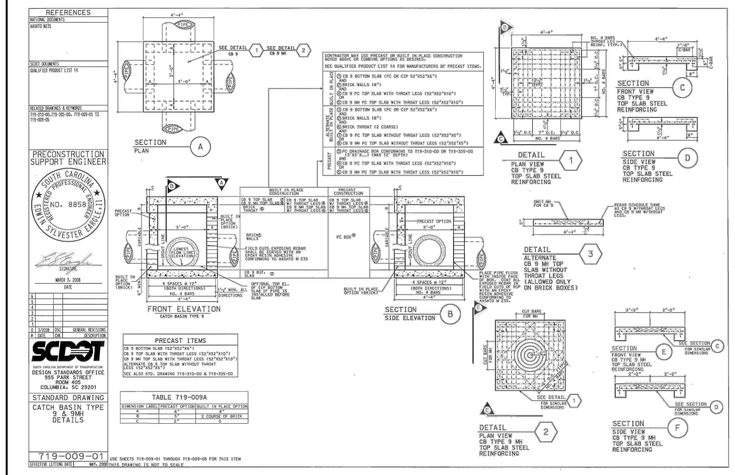
INSPECTION AND MAINTENANCE:

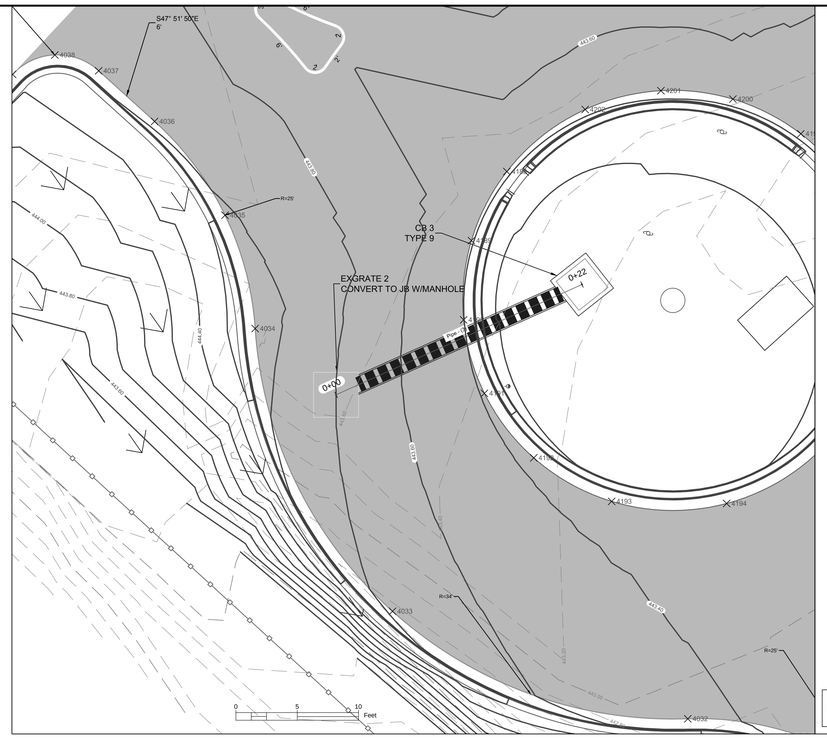
1. INSPECTIONS SHOULD BE MADE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF RECEIVING 1/2" OR MORE OF RAINFALL. ANY NEEDED REPAIRS SHOULD BE HANDLED IMMEDIATELY.
2. IF THE FABRIC BECOMES CLOGGED, IT SHOULD BE REPLACED.
3. SEDIMENT SHOULD BE REMOVED WHEN IT ACCUMULATES APPROXIMATELY 1/3 THE HEIGHT OF THE FILTER FABRIC. IF A SUMP IS USED, SEDIMENT SHOULD BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE HOLE, MAINTAIN THE POOL AREA, ALWAYS PROVIDING ADEQUATE SEDIMENT STORAGE VOLUME FOR THE NEXT STORM. TAKE CARE NOT TO DAMAGE OR UNDERCUT FABRIC WHEN REMOVING SEDIMENT. SEDIMENT REMOVAL WILL BE PAID FOR AS SLT BASINS.
4. STORM DRAIN INLET PROTECTION STRUCTURES SHOULD BE REMOVED ONLY AFTER THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO THE ELEVATION OF THE INLET STRUCTURE CREST. USE APPROPRIATE PERMANENT STABILIZATION METHODS TO STABILIZE BARE AREAS AROUND THE INLET.

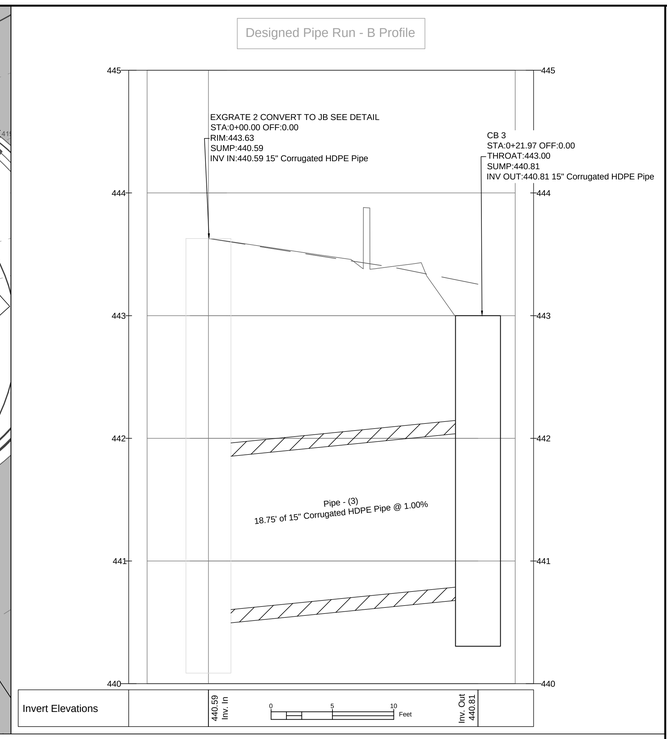
FILTER FABRIC INLET PROTECTION

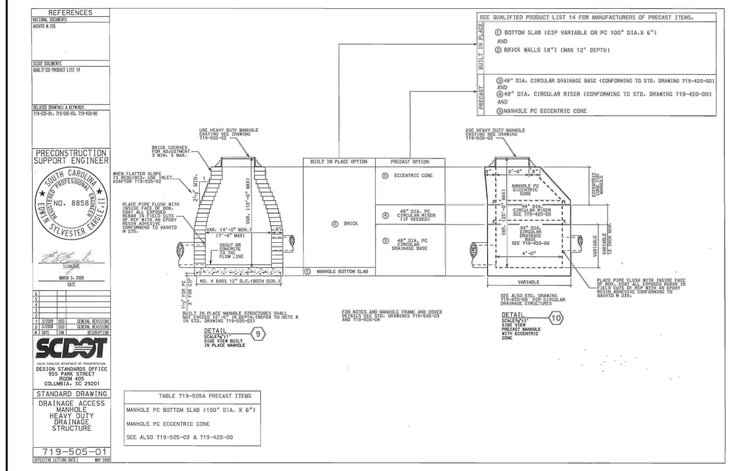
INSTALLATION:

1. INSTALL SEDIMENT TUBES BY LAYING THEM FLAT ON THE GROUND. CONSTRUCT A SMALL TRENCH TO A DEPTH THAT IS 20% OF THE SEDIMENT TUBE DIAMETER. LAY THE SEDIMENT TUBE IN THE TRENCH AND COMPACT THE UPSTREAM SEDIMENT TUBE SOIL INTERFACE. INSTALL ALL SEDIMENT TUBES SO NO GAPS EXIST BETWEEN THE SOIL AND THE BOTTOM OF THE SEDIMENT TUBE. LAP THE ENDS OF ADJACENT SEDIMENT TUBES A MINIMUM OF 6 INCHES TO PRE

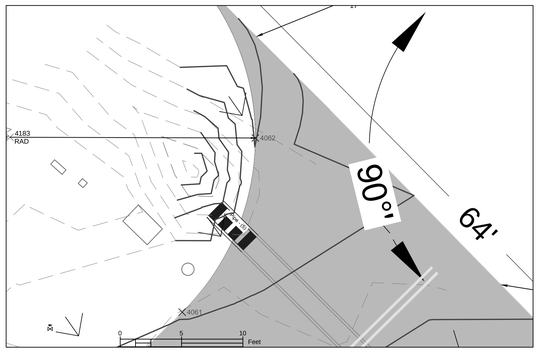






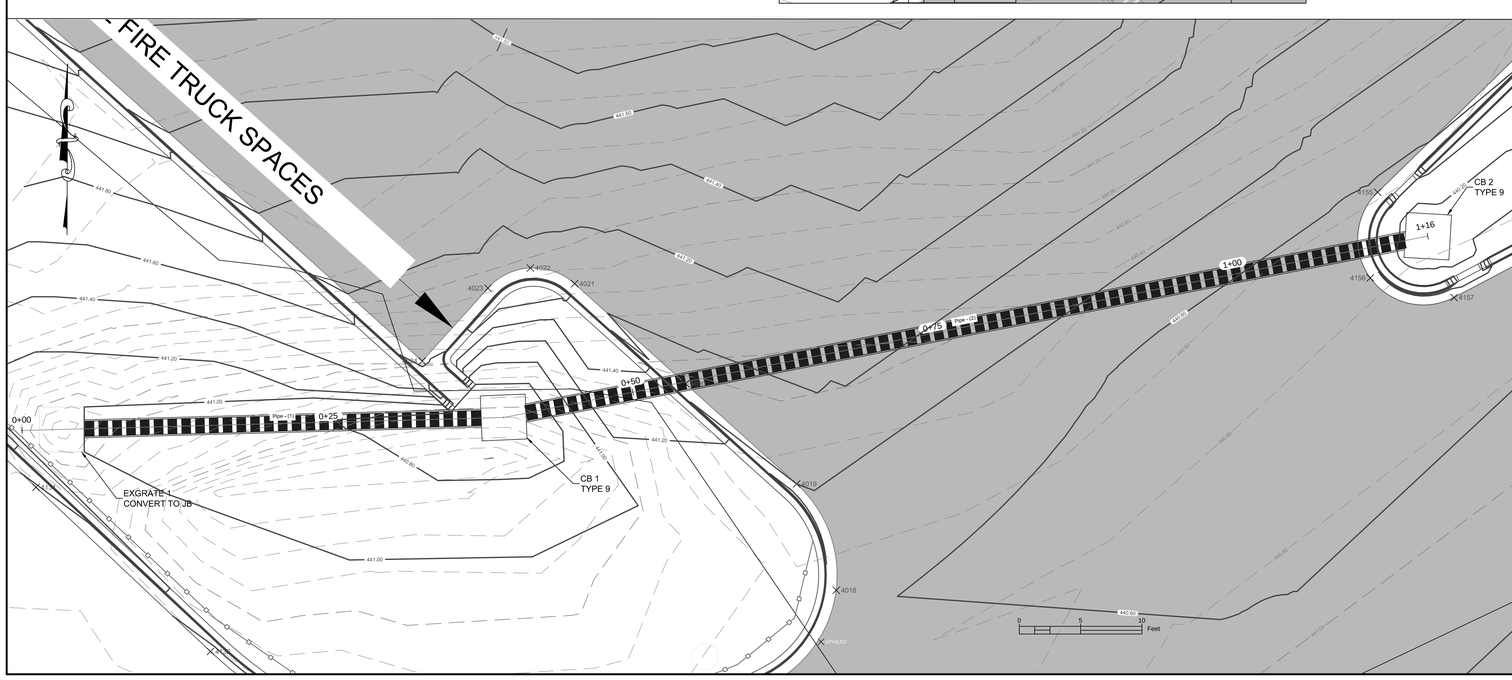


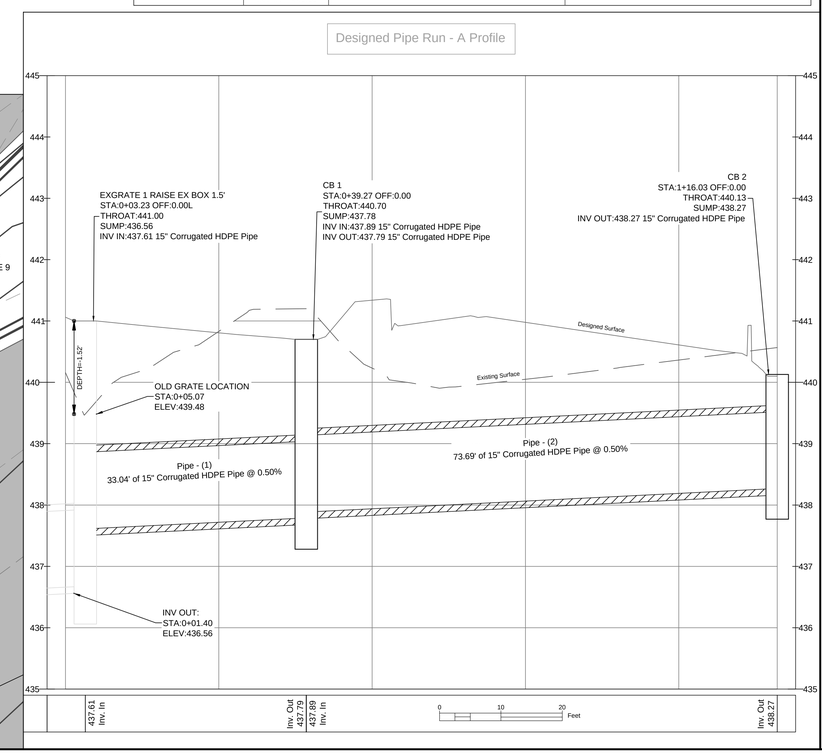
EXTEND EXISTING RCP PIPE FOR NEW RADIUS



Pipe Table				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
Pipe - (1)	15"	33.04'	0.50%	Corrugated HDPE Pipe
Pipe - (2)	15"	73.69'	0.50%	Corrugated HDPE Pipe
Pipe - (3)	15"	18.75'	1.00%	Corrugated HDPE Pipe
Pipe - (5)	18"	4.00'	0.50%	Reinforced Concrete Pipe

STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT
CB 1	??? RIM = 440.70 SUMP = 437.8 INV IN = 437.89 INV OUT = 437.79	Pipe - (2), 15" CORRUGATED HDPE PIPE INV IN =437.89	Pipe - (1), 15" CORRUGATED HDPE PIPE INV OUT =437.79
CB 2	??? RIM = 440.13 SUMP = 438.3 INV OUT = 438.27		Pipe - (2), 15" CORRUGATED HDPE PIPE INV OUT =438.27
CB 3	??? RIM = 443.00 SUMP = 440.8 INV OUT = 440.81		Pipe - (3), 15" CORRUGATED HDPE PIPE INV OUT =440.81
ExGrate 1	??? RIM = 441.00 SUMP = 436.6 INV IN = 437.61	Pipe - (1), 15" CORRUGATED HDPE PIPE INV IN =437.61	
ExGrate 2	??? RIM = 443.63 SUMP = 440.6 INV IN = 440.59	Pipe - (3), 15" CORRUGATED HDPE PIPE INV IN =440.59	





Lexington County South Carolina

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: DESIGNER
CKD BY: CHECKED BY
DWN BY: PD
SUBMITTED BY: LEXINGTON COUNTY
PLOT SCALE: NA
PLOT DATE:
SIZE: ARCH D
DATE: 3-25-2014
SOLICITATION NO.: SOLICITATION NO.
CONTRACT NO.: CONTRACT NO.
FILE NUMBER: FILE NO.
FILE NAME: FILE NAME

LEXINGTON COUNTY
PUBLIC WORKS
DEPARTMENT

440 BALL PARK RD
LEXINGTON, SC 29072

STORMDRAINAGE PLAN & PROFILE

FIRE TRAINING PARKING LOT REHAB

SHEET IDENTIFICATION
6

SHEET 6 OF 6