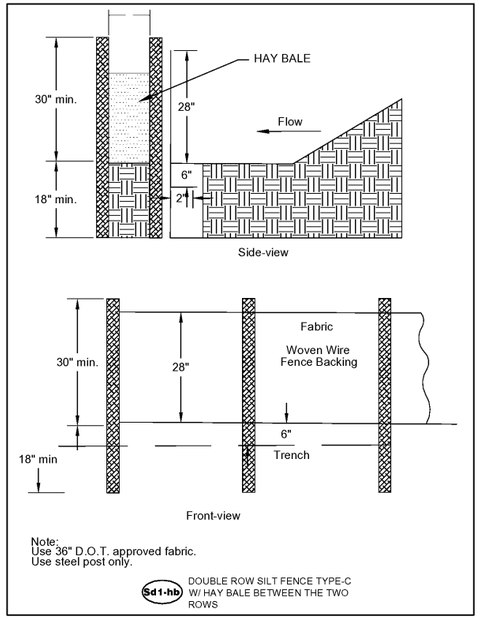
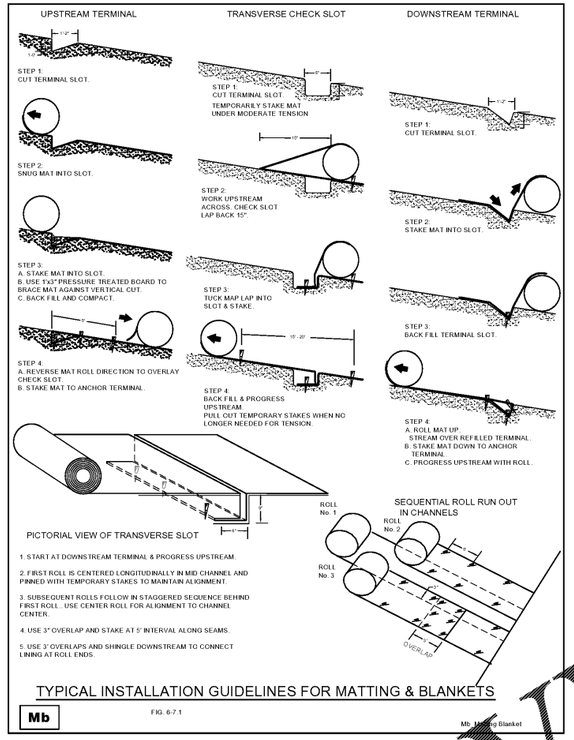
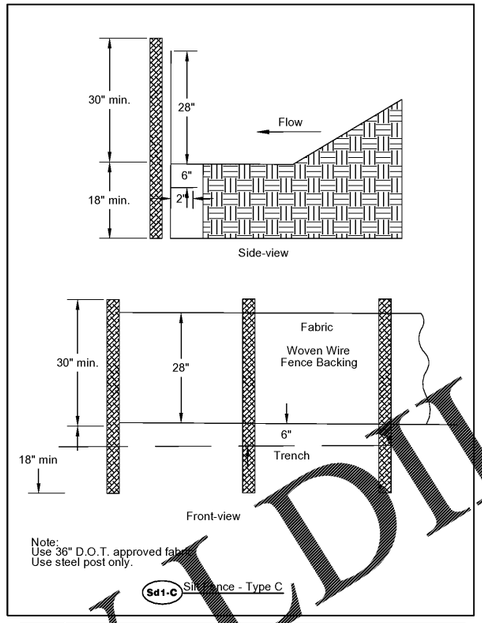
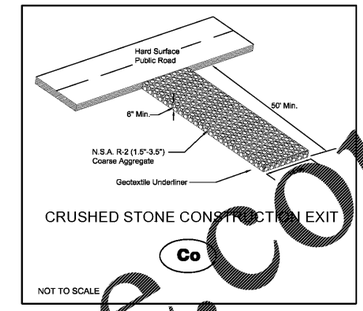
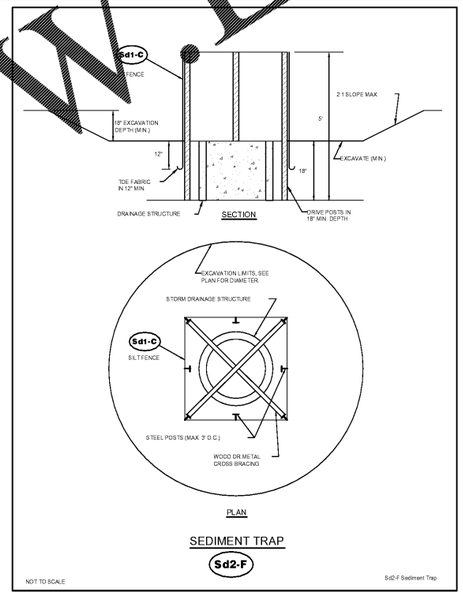
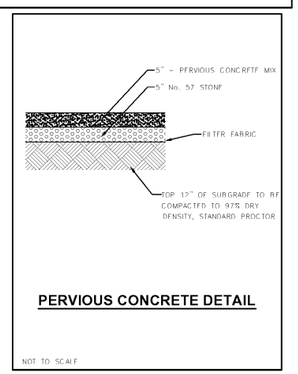


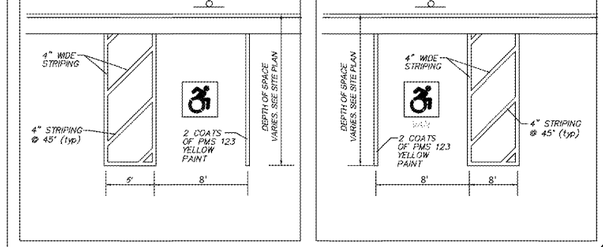


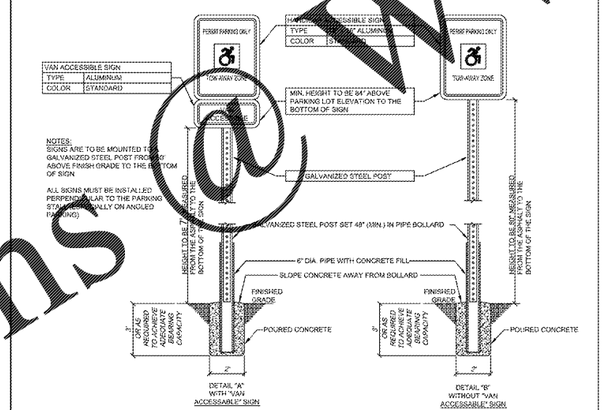












MULCHING RATES — Ds1

MULCH SHALL BE STRAW OR HAY OF GOOD QUALITY AND FREE OF WEEDS SEEDS. DRY STRAW OR HAY SHALL BE APPLIED AT THE RATE OF 2.5 TONS PER ACRE. MULCHING SHALL BE USED MULCHING SHALL BE SPREAD UNIFORMLY WITHIN 24 HOURS AFTER SEEDING. MULCH SHALL BE USED DURING MONTHS THAT SEEDING SOULD NOT BE APPLIED BASED ON THE SCHEDULE BELOW.

TEMPORARY OR PERMANENT VEGETATION SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 6 OF THE MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA.

TEMPORARY GRASSING — Ds2

TEMPORARY GRASSES SHALL CONSIST OF SOWING A QUICK GRASS SUCH AS RYE, BROWN TOP MILLET, OR GRASS SUITABLE TO THE AREA AND SEASON. LIME AND FERTILIZER WILL BE OMITTED. MULCH IS NOT REQUIRED BUT SHOULD BE USED AS DICTATED BY SITE CONDITIONS. TEMPORARY GRASSING IS REQUIRED WHEN DISTURBED AREA IS LEFT EXPOSED MORE THAN 14 DAYS.

SPECIES	RATE	PLANTING DATES
RYE GRASS	40#/ACRE	JAN-APR/AUG-DEC
BROWN MILLET	10-40#/ACRE	APRIL - JUNE
RYE	1/2-3 bs./ACRE	AUGUST-DECEMBER
WEEPING LOVEGRASS	2-4#/ACRE	FEBRUARY-JUNE
ANNUAL LESPEDEZA	10-40#/ACRE	FEBRUARY-APRIL
SUDAN GRASS	60#/ACRE	APRIL-AUGUST
WHEAT	1/2-3bs/ACRE	SEPTEMBER-DECEMBER

PERMANENT GRASSING — Ds3

PERMANENT GRASSING SHALL CONSIST OF GROUND PREPARATION, LIMING, FERTILIZATION, MULCHING AND SEEDING. THE GROUND SHALL BE PREPARED BY PLOWING AND DISKING TO A DEPTH NOT LESS THAN 4". FERTILIZER AND LIME SHALL BE UNIFORMLY MIXED INTO THE GROUND, WITH FERTILIZER AT THE RATE OF 1500#/ACRE AND LIME AT THE RATE OF 2000#/ACRE. THE GROUND SHALL BE FINISHED OFF SMOOTH AND UNIFORM AND BE FREE OF ROCKS, CLODS, ROOTS AND WEEDS. FERTILIZER SHALL BE APPLIED PER THE TABLE BELOW. WEATHER PERMITTING, SEEDING SHALL BE DONE WITHIN 24 HOURS OF FERTILIZER APPLICATION. SEED SHALL BE UNIFORMLY SPREAD AT THE RATES SHOWN BELOW. MULCHING IS REQUIRED AND SHALL BE DONE IMMEDIATELY AFTER SEEDING. MULCH SHALL BE UNIFORMLY APPLIED OVER THE AREA LEAVING APPROXIMATELY 25% OF THE GROUND SURFACE EXPOSED. THE RATE OF APPLICATION SHALL BE DOUBLED ON SLOPES STEEPER THAN 4:1.

GRASSING RATES AND SCHEDULE

SPECIES	RATE	PLANTING DATES
TALL FESCUE	30-50#/ACRE	MARCH-APRIL/ AUGUST-OCTOBER
SERICEA LESPEDEZA (b)	60#/ACRE	MARCH-JUNE
WEEPING LOVE GRASS	2-4#/ACRE	MARCH-JUNE
UNHULLED BERMUDA	6-10#/ACRE	JAN-FEB/OCT-DEC
HULLED BERMUDA	6-10#/ACRE	MARCH-JUNE
BAHIA	30-60#/ACRE	APRIL-MARCH

(a) USE A MINIMUM OF 40# SCARIFIED SEED. REMAINDER MAY BE UNSCARIFIED, CLEAN HULLED SEED.
(b) USE EITHER COMMON SERALA, OR INTERSTATE SERICEA LESPEDEZA.

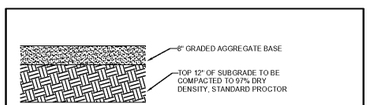
LIMING RATES

Agricultural lime is required at the rate of one to two tons per acre unless soil tests indicate otherwise. Graded areas require lime application. If lime is applied within six months of planting permanent perennial vegetation, additional lime is not required. Agricultural lime shall be within the specifications of the Georgia Department of Agriculture.

FERTILIZER REQUIREMENTS

TYPES OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. Cool season grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac.	50-100 lbs./ac/ 1/2/ - 30
2. Cool season grasses and legumes	First Second Maintenance	6-12-12 0-10-10 0-10-10	1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac.	0-50 lbs./ac. 1/ - -
3. Ground Covers	First Second Maintenance	10-10-10 10-10-10 10-10-10	1300 lbs./ac. 3/ 1300 lbs./ac. 3/ 1100 lbs./ac.	- - -
4. Shrub Lespedeza	First Maintenance	0-10-10 0-10-10	700 lbs./ac. 700 lbs./ac. 4/	- -
5. Warm season grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 lbs./ac. 800 lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 2/ 6/ 50-100 lbs./ac. 2/ 30 lbs./ac.
6. Warm season grasses and legumes	First Second Maintenance	6-12-12 0-10-10 0-10-10	1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac.	50 lbs./ac. 6/

Ds1 Ds2 Ds3.dwg



GRAVEL PAVING

The intent of this specification is to provide heavy duty asphalt in all applicable areas, per the Town's request. Gravel to be placed so that future asphalt may be placed in the subject area.

REVISION BLOCK:

#	DATE:	DESCRIPTION
C	03/07/17	MAYOR & COUNCIL REVIEW
D	04/14/17	FULL SUBMITTAL
E	09/07/17	ADDRESS COMMENTS
F	10/24/17	ADDRESS COMMENTS
G	11/17/17	REP DOCUMENT

PRELIMINARY Not Approved for Construction

CARTER ENGINEERING CONSULTANTS
Carter Engineering Consultants, Inc.
3651 Mars Hill Road, Suite 2000
Watkinsville, GA 30677
P: 770.725.1200
F: 770.725.1204
www.carterengineering.net

SITE DEVELOPMENT PLANS for TOWN OF NORTH HIGH SHOALS
260 HILLSBORO RD, TOWN OF NORTH HIGH SHOALS, OCONEE COUNTY, GA.

PROJECT NAME: NORTH HIGH SHOALS TOWN HALL

SHEET TITLE: STANDARD DETAILS I

SHEET NUMBER: 11

PROJECT NUMBER: 14002NHS

DATE: 09/07/17

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