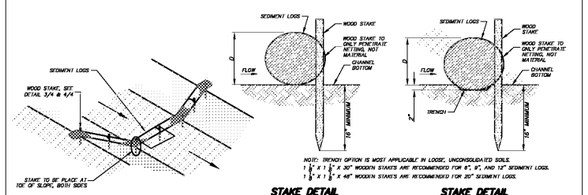
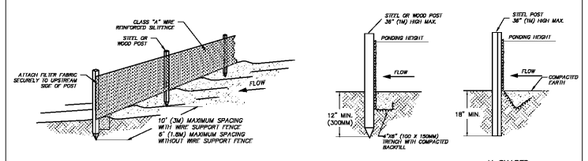


NOTE: TRENCH OPTION IS MOST APPLICABLE IN LOOSE, UNCONSOLIDATED SOILS.
1" X 1" X 20" WOODEN STAKES ARE RECOMMENDED FOR 8", 9", AND 12" SEDIMENT LOGS.
1" X 1" X 48" WOODEN STAKES ARE RECOMMENDED FOR 20" SEDIMENT LOGS.

STAKE DETAIL (NO TRENCH)
N.T.S.

STAKE DETAIL (WITH TRENCH)
N.T.S.

SEDIMENT LOGS DETAIL
N.T.S.



TRENCH DETAIL

V-SHAPED TRENCH DETAIL

NOTES:
1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 6" (150MM) MAXIMUM RECOMMENDED STORAGE HEIGHT.

3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

INSPECTION AND MAINTENANCE

INSPECT EVERY SEVEN CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 3/4-INCHES OF MORE OF PRECIPITATION. CHECK FOR SEDIMENT BUILDUP AND FENCE INTEGRITY. CHECK WHERE RUNOFF HAS ERODED A CHANNEL BENEATH THE FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED BY FENCE OVERTOPPING. IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE IMMEDIATELY.

REMOVE SEDIMENT ACCUMULATED ALONG THE FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE, ESPECIALLY IF HEAVY RAINS ARE EXPECTED.

REMOVE TRAPPED SEDIMENT FROM THE SITE OR STABILIZE IT ON SITE.

REMOVE SILT FENCE WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BEST MANAGEMENT PRACTICES (BMPS) ARE NO LONGER NEEDED.

PERMANENTLY STABILIZE DISTURBED AREAS RESULTING FROM FENCE REMOVAL.

MAX SLOPE LENGTH AND SLOPE FOR WHICH SILT FENCE IS APPLICABLE

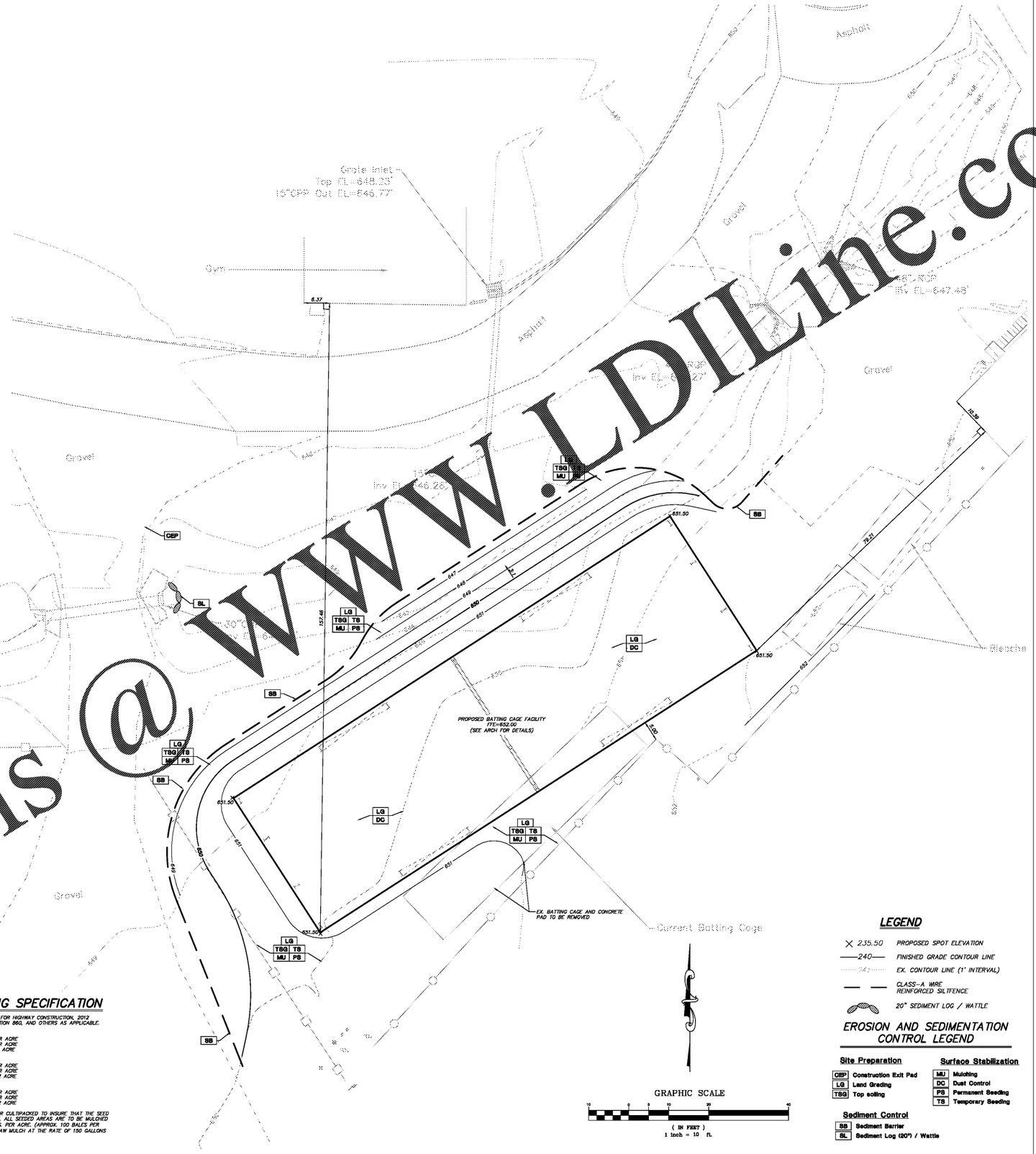
SLOPE	SLOPE LENGTH (FT)
<2%	100
2 TO 5%	75
5 TO 10%	50
10 TO 20%	25
>20%	15

SPECIFICATIONS FOR SEDIMENT FENCE FABRIC

PHYSICAL PROPERTY	REQUIREMENTS
FILTERING EFFICIENCY	85% (MIN.)
TENSILE STRENGTH AT 20% (MAX.) ELONGATION	STANDARD STRENGTH 30 LB./LIN. INCH (MIN.)
	EXTRA STRENGTH 50 LB./LIN. INCH (MIN.)
SLURRY FLOW RATE	0.3 GAL/SQ. FT./MINUTE (MIN.)

SILT FENCE DETAIL
N.T.S.

Order Plans @ WWW.LDILine.com



PERMANENT SEEDING SPECIFICATION

1. *SEED MIXES*
REFERENCE: ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2012 EDITION OR MOST CURRENT, SECTION 650, SECTION 652, SECTION 860, AND OTHERS AS APPLICABLE.

ZONE 1 – AREAS SUBJECT TO FREQUENT MOWING (REQUIRED LBS. PER ACRE)

DATE OF PLANTING	AUG. 16–FEB. 29	MAR. 1–MAY 15	MAY 16–AUG. 15
ANNUAL RYEGRASS	25		
HULLED BERMUDAGRASS		18	24
UNHULLED BERMUDAGRASS	30	12	
ANNUAL LESPEDEZA (KOBE)			38
WHITE DUTCH CLOVER	5	6	
REQD. PERMANENT PLANT		BERMUDAGRASS	

ZONE 1 – AREAS NOT SUBJECT TO FREQUENT MOWING (REQUIRED LBS. PER ACRE)

DATE OF PLANTING	JAN. 1–FEB. 29	MAR. 1–AUG. 15	AUG. 16–NOV. 15	NOV. 16–DEC. 31
ANNUAL RYEGRASS	15			
HULLED BERMUDAGRASS		18		
UNHULLED BERMUDAGRASS	35	12	18	35
TALL FESCUE	35	35	35	35
WEEPING LOVEGRASS		2		
HULLED SERICEA LESPEDEZA		38		
UNHULLED SERICEA LESPEDEZA	38		38	
RESEEDING CRIMSON CLOVER			19	
REQD. PERMANENT PLANT		MIXED		

2. *FERTILIZER*
APPLY 4000 LBS. AGRICULTURAL LIMESTONE PER ACRE OR AS RECOMMENDED BY MANUFACTURER. APPLY 1000 LBS. OF FERTILIZER/ACRE FOR GRASS SEED OR AS RECOMMENDED BY MANUFACTURER. LIME AND FERTILIZER ARE TO BE WORKED INTO THE SOIL SURFACE TO A MINIMUM DEPTH OF 4 INCHES.

MANUFACTURED FERTILIZER

TYPE	NITROGEN (N)	PHOSPHORUS (P2O5)	POTASH (K2O)
15–0–15	15	0	15
13–13–13	13	13	13
10–10–10	10	10	10
8–8–8	8	8	8
0–14–14	0	14	14
4–12–12	4	12	12
4–16–8	4	16	8
SUPER PHOSPHATE	0	18	0
AMMONIUM NITRATE	33.5	0	0
AMMONIUM SULFATE	20.5	0	0
CALCIUM NITRATE	15	0	0
POTASSIUM CHLORIDE	0	0	60

3. *GENERAL NOTES AND MAINTENANCE*
AFTER SEEDING, THE AREA IS TO BE ROLLED OR CULTIPACKED TO INSURE THAT THE SEED IS PRESSED INTO CONTACT WITH SOIL SURFACE. ALL SEEDED AREAS ARE TO BE MULCHED WITH STRAW MULCH AT THE RATE OF 4000 LBS. PER ACRE. (APPROX. 100 BALES PER ACRE.) APPLY ASPHALT EMULSION TO THE STRAW MULCH AT THE RATE OF 150 GALLONS PER ACRE.

THE ABOVE DESCRIBED SEEDING RECOMMENDATIONS AND RATES HAVE BEEN PREPARED FOR SELECTION OF A WIDESPREAD COVER SUITABLE FOR SOIL EROSION CONTROL IN PLANTING ZONE 1 AS DEFINED BY THE ALDOT STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, 2012 EDITION. THE CONTRACTOR SHALL VERIFY THE PLANTING ZONE THE PROJECT IS LOCATED WITHIN AND ALERT THE PROJECT ENGINEER OF ANY DISCREPANCIES.

MAINTENANCE

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

TEMPORARY SEEDING SPECIFICATION

REFERENCE: ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2012 EDITION OR MOST CURRENT, SECTION 665, SECTION 860, AND OTHERS AS APPLICABLE.

SEPTEMBER – DECEMBER	
ANNUAL RYE GRASS	25 LBS. PER ACRE
KENTUCKY 31 FESCUE	30 LBS. PER ACRE
RESEEDING CRIMSON CLOVER	10 LBS PER ACRE
JANUARY – APRIL 15	
KENTUCKY 31 FESCUE	30 LBS. PER ACRE
RESEEDING CRIMSON CLOVER	30 LBS. PER ACRE
ANNUAL RYEGRASS	15 LBS. PER ACRE
APRIL 16 – AUGUST	
BROWN TOP MILLET	30 LBS. PER ACRE
KENTUCKY 31 FESCUE	30 LBS. PER ACRE
HULLED BERMUDA GRASS	10 LBS. PER ACRE

AFTER SEEDING, THE AREA IS TO BE ROLLED OR CULTIPACKED TO INSURE THAT THE SEED IS PRESSED INTO CONTACT WITH SOIL SURFACE. ALL SEEDED AREAS ARE TO BE MULCHED WITH STRAW MULCH AT THE RATE OF 4000 LBS. PER ACRE. (APPROX. 100 BALES PER ACRE.) APPLY ASPHALT EMULSION TO THE STRAW MULCH AT THE RATE OF 150 GALLONS PER ACRE.

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

LEGEND

- X 235.50 — PROPOSED SPOT ELEVATION
- 240 — FINISHED GRADE CONTOUR LINE
- 241 — EX. CONTOUR LINE (1' INTERVAL)
- CLASS-A WIRE REINFORCED SILTFENCE
- 20" SEDIMENT LOG / WATTLE

EROSION AND SEDIMENTATION CONTROL LEGEND

Site Preparation
- CEP Construction Exit Pad
- LG Land Grading
- TSG Top soiling

Surface Stabilization
- MU Mulching
- DC Dust Control
- PS Permanent Seeding
- TS Temporary Seeding

Sediment Control
- SB Sediment Barrier
- SL Sediment Log (20") / Wattle

GOODWYN | MILLS | CAWOOD
2701 1st Ave South, Suite 100 | Birmingham, AL 35233
Tel 205.879.4462 | GMCNETWORK.COM

ISSUE DATE
CD: 04.17.2017

drawn by:
checked by:

BATTING CAGES FOR LEEDS CITY SCHOOLS
LEEDS BOARD OF EDUCATION

GMC # ABHH160044

04-17-2017

SITE LAYOUT, GRADING, EROSION AND SEDIMENT CONTROL PLAN

C1.0
sheet 3 of 3

DRAWING FILE: G:\2016\ABHH160044 - LEEDS BATTING CAGES\CIVIL\C1.0 SITE LAYOUT, GRADING, EROSION AND SEDIMENT CONTROL PLAN.DWG
PLOTTED: Apr 17, 2017 - 2:39pm