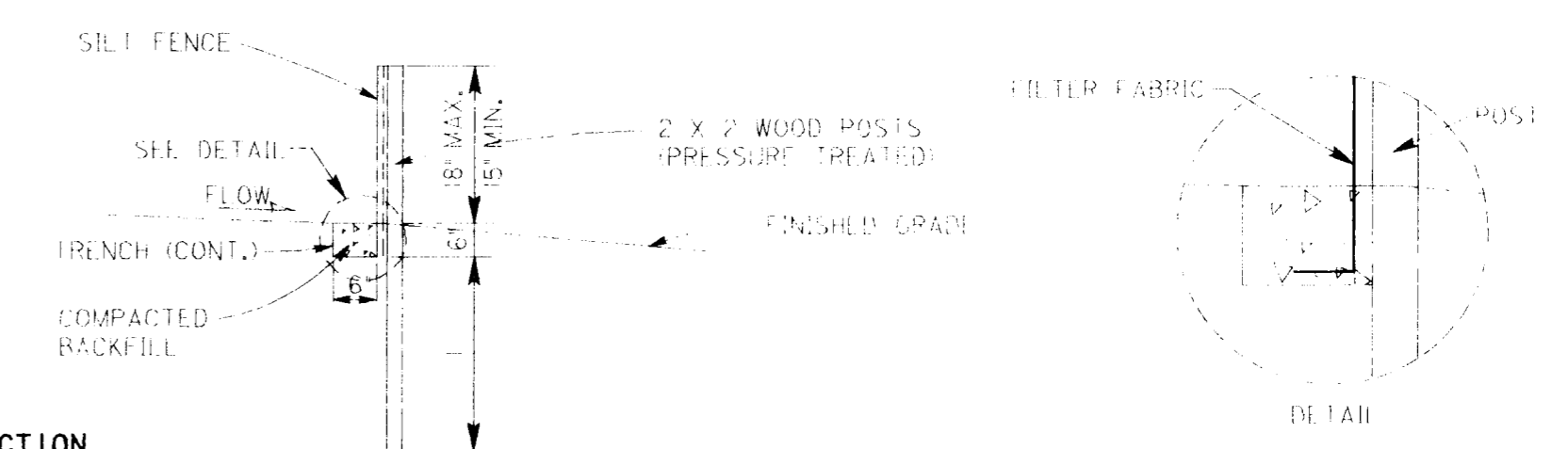


- SILT BARRIER FENCE NOTES:**
1. A CONTINUOUS SILT BARRIER FENCE SHALL BE CONSTRUCTED AROUND ALL FIRST STAGE INLETS BY THE UTILITY CONTRACTOR.
 2. A CONTINUOUS SILT BARRIER FENCE SHALL BE CONSTRUCTED BEHIND ALL CURB LINES ON THIS PROJECT BY THE PAVING CONTRACTOR.

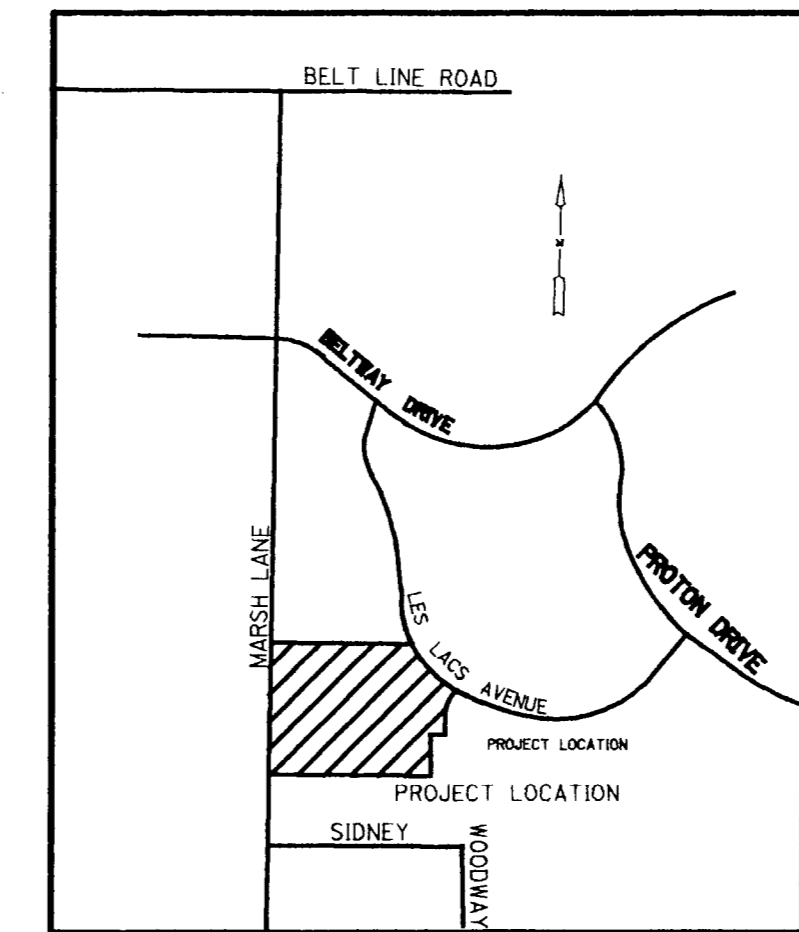


SILT BARRIER FENCE

CONSTRUCTION SPECIFICATIONS FOR SILT BARRIER FENCE

- A. MATERIALS**
1. SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE FOLLOWING REQUIREMENTS (PER ASTM METHODS):
- | PHYSICAL PROPERTY | REQUIREMENTS |
|--|--|
| FILTERING EFFICIENCY | 75% (MIN.) |
| TENSILE STRENGTH @ 20% MAX. ELONGATION | EXT. STRENGTH = 50 LBS./1 IN. (MIN.)
STD. STRENGTH = 30 LBS./1 IN. (MIN.) |
| FLOW RATE | 0.3 GAL./SQ. FT./MIN. (MIN.) |
2. SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0° TO 120°.

- B. INSTALLATION**
1. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 15" AND A MAXIMUM OF 18" ABOVE FINAL GRADE.
 2. STANDARD STRENGTH SYNTHETIC FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL AND CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS (AND THUS IMPROVE THE BARRIER'S STRENGTH AND EFFICIENCY).
 3. STAKES FOR THE SILT FENCE SHALL BE 2" x 2" WOOD WITH A MINIMUM LENGTH OF 3 FEET.
 4. THE STAKES SHALL BE SPACED A MAXIMUM OF 3' APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (18" MIN.).
 5. A TRENCH SHALL BE EXCAVATED APPROX. 6" WIDE AND 6" DEEP ALONG THE LINE OF STAKES AND UPSLOPE FROM THE BARRIER.
 6. THE SILT FENCE SHALL BE STAPLED TO THE STAKES, WITH 8" (MIN.) OF FABRIC EXTENDED INTO THE TRENCH. HEAVY DUTY WIRE STAPLES AT LEAST ONE-HALF INCH LONG SHALL BE USED. THE FENCE SHALL NOT BE STAPLED TO EXISTING TREES.
 7. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FENCE MATERIAL.
 8. IF A SILT FENCE IS TO BE CONSTRUCTED ACROSS A DITCH LINE OR SWALE, THE BARRIER SHALL BE OF SUFFICIENT LENGTH TO ELIMINATE END FLOW, AND THE PLAN CONFIGURATION SHALL RESEMBLE AN ARC OR HORSESHOE WITH THE ENDS ORIENTED UPSLOPE.
 9. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
- C. MAINTENANCE:**
1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 2. SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE SILT FENCE IS STILL NECESSARY, IT SHALL BE REPLACED IMMEDIATELY.
 3. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY 1/2 THE HEIGHT OF THE FENCE.
 4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
 5. THERE SHOULD BE NO GAPS OR SAGS IN THE SILT FENCE.

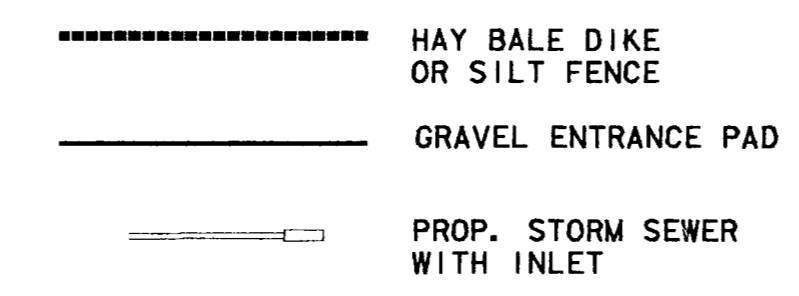


VICINITY MAP (N.T.S.)

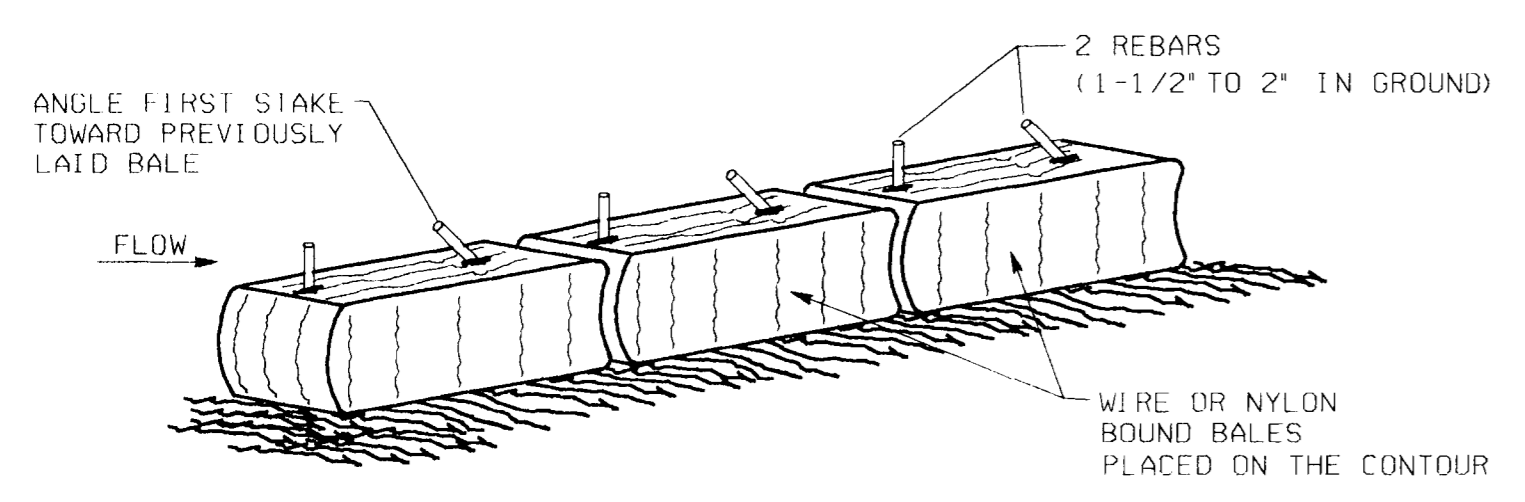
GENERAL NOTES TO CONTRACTOR

1. LOCATE FUEL/MATERIAL STORAGE AREAS AWAY FROM STORM WATER CONVEYANCE SYSTEMS. USE A LINER UNDER ABOVE GROUND STORAGE TANKS. USE SILT FENCING, HAY BALES, OR BERMS AROUND FUEL STORAGE AREAS.
2. CONTRACTOR WILL ADVISE OWNER IMMEDIATELY, VERBALLY, AND IN WRITING, OF ANY FUEL SPILLS ONTO THE PROJECT/CONSTRUCTION AREA AND THE ACTIONS TAKEN TO REMEDY THE PROBLEM.
3. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL ENVIRONMENTAL LAWS.
4. CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF FUELS, MATERIALS, AND EXCAVATIONS IN A LEGALLY APPROVED MANNER.
5. CONTRACTOR IS TO INSPECT ALL STRUCTURAL CONTROLS SPECIFIED HEREIN, AT A MINIMUM, ONCE EVERY 7 CALENDAR DAYS OR WITHIN 24 HOURS AFTER ANY STORM EVENT THAT MEETS OR EXCEEDS 0.5 INCHES/24 HOUR PERIOD.
6. CONTRACTOR WILL PROVIDE PROTECTED STORAGE AREAS FOR CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS, AND OTHER POTENTIALLY TOXIC MATERIALS.
7. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATELY MAINTAINED SANITARY FACILITIES.
8. CONTRACTOR SHALL STABILIZE ALL AREAS DISTURBED DURING CONSTRUCTION, INCLUDING STORAGE AREAS, WITHIN 14 DAYS OF COMPLETION UNLESS CONSTRUCTION IS TO RESUME IN THAT AREA WITHIN 21 DAYS.
9. CONTRACTOR SHALL GRADE ALL GREENBELT AREAS ACCORDING TO THE LOT GRADING PLAN LEAVING A SMOOTH EVEN SURFACE. THE FINISHED GRADE IN THE GREENBELT AREAS SHALL BE SEEDED WITH BERMUDA GRASS AT THE RATE OF 8 LBS. PER ACRE WITHIN 14 DAYS OF GRADING WORK IN THE SPECIFIED AREA. FERTILIZER SHALL BE APPLIED AT THE RATE SPECIFIED BY THE MANUFACTURER. ALL SEEDING WORK SHALL CONFORM TO N.C.T.C.G. SPECIFICATIONS.

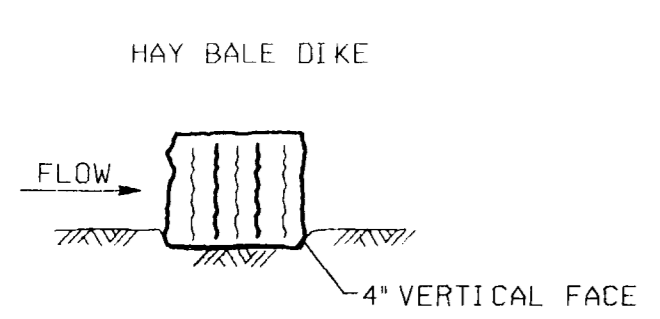
LEGEND



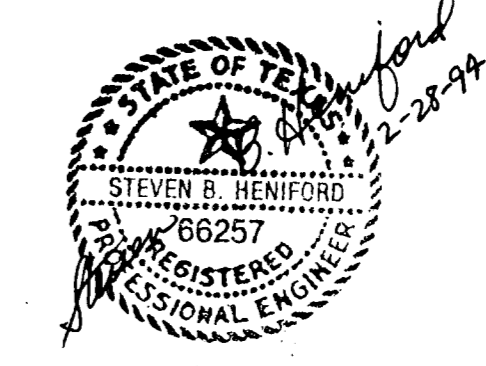
- HAY BALE DIKE GENERAL NOTES:**
1. Each bale shall be embedded in the soil a minimum of four inches.
 2. Bales shall be securely anchored in place by 3/8 inch rebar stakes driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
 3. Inspection shall be weekly or after each rainfall event and repair or replacement shall be made promptly as needed by the contractor.
 4. When silt reaches a depth of 6 inches, it shall be removed and disposed of in an approved site as to not create a siltation problem.
 5. After the development site is completely stabilized, the bales and accumulated silt shall be removed and disposed of at an approved spoil disposal site.



ANCHORING DETAIL HAY BALE DIKE



EMBEDDING DETAIL HAY BALE DIKE



GRAND ADDISON III EROSION CONTROL PLAN

TOWN OF ADDISON, TEXAS

Lichter/Jameson & Associates, Inc.

CONSULTING ENGINEERING PLANNING SURVEYING

1420 WACKINGBROD LANE, SUITE 1400, DALLAS, TEXAS 75247, 214/630-8887

JOB NO. GA-DAM.DGN DATE 2-25-94 DRAWN CHECKED BY

1108950001-0007 CAD DATE 2-25-94 SCALE 1"=50' SHEET 14 OF 24