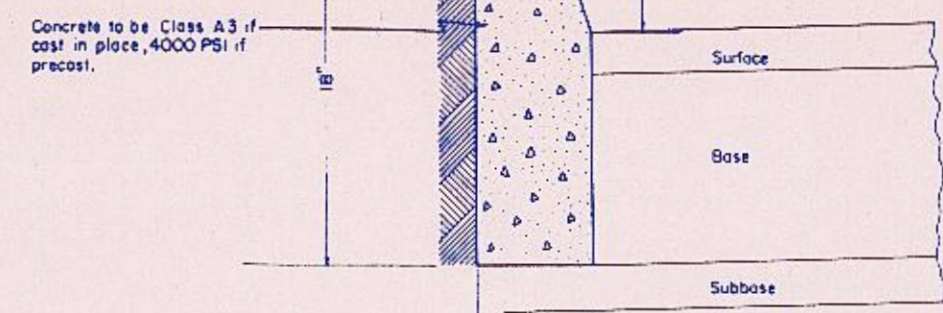
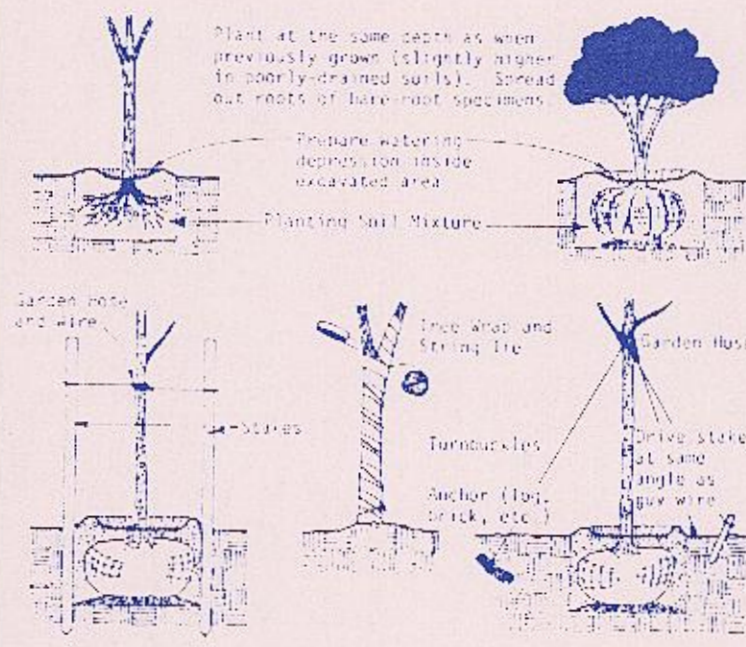


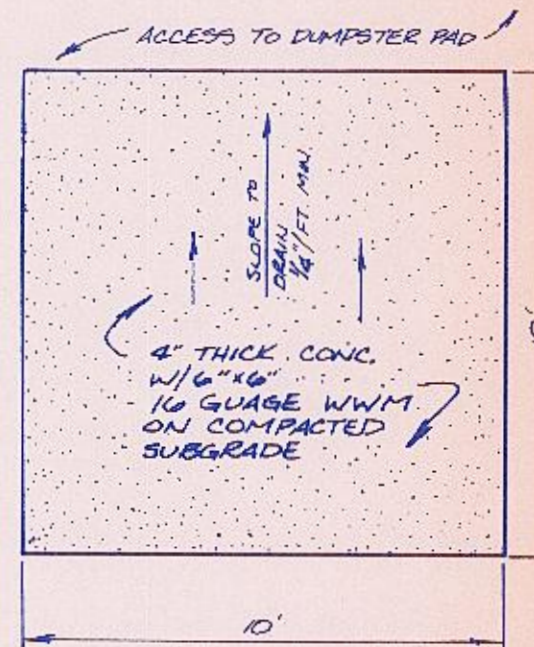
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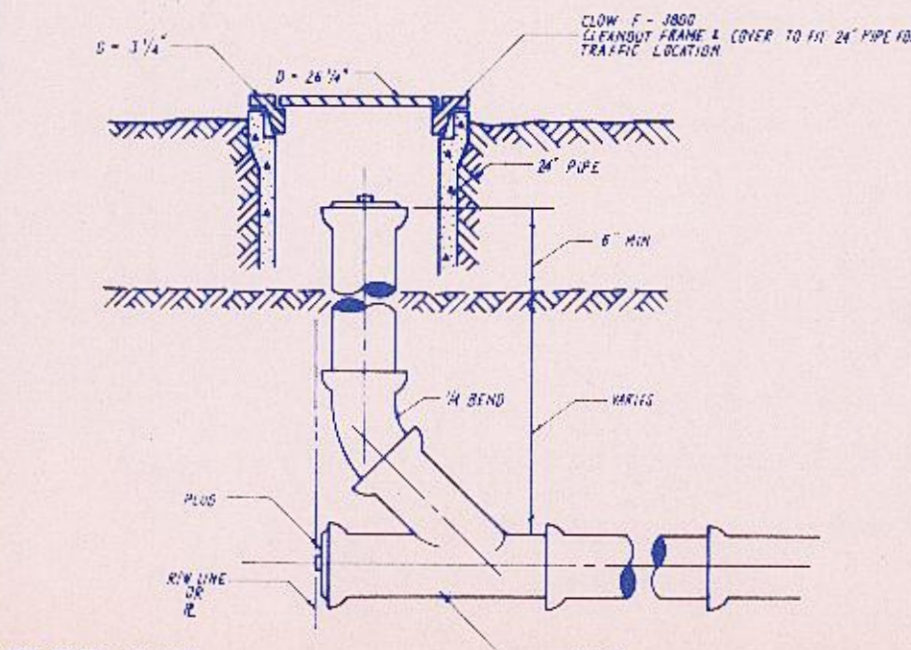
STANDARD CG-2 CURB



PLANTING DETAILS

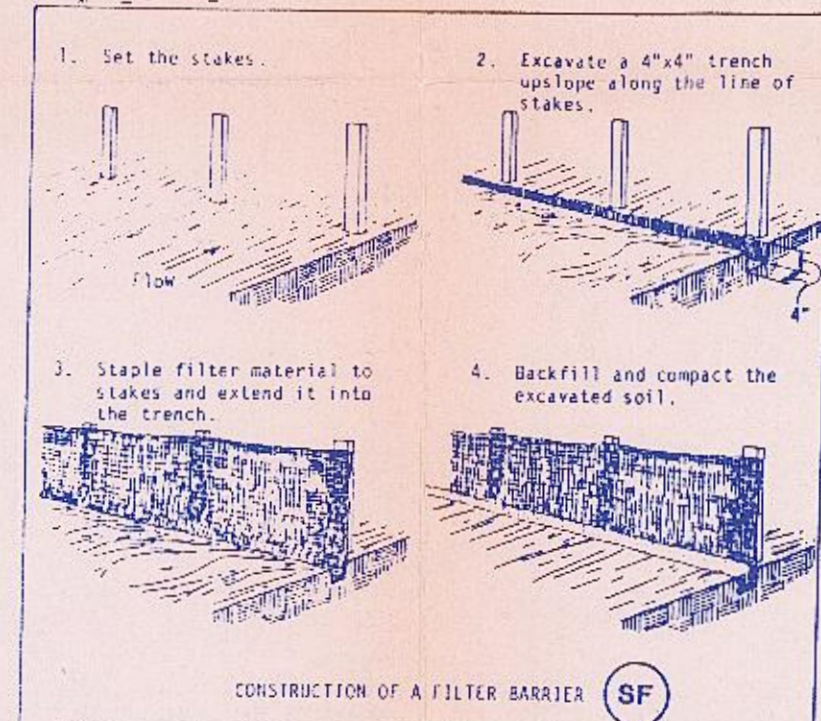
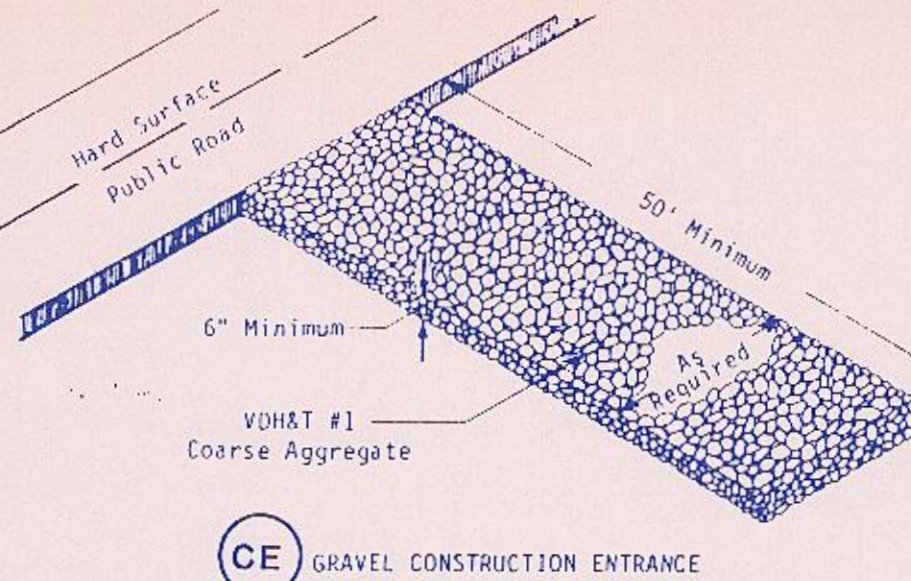


DRY DUMPSTER PAD DETAIL



OFF-SITE PAVEMENT SECTION

CLEANOUT STANDARD



CONSTRUCTION OF A FILTER BARRIER

EROSION & SEDIMENT CONTROL MEASURES

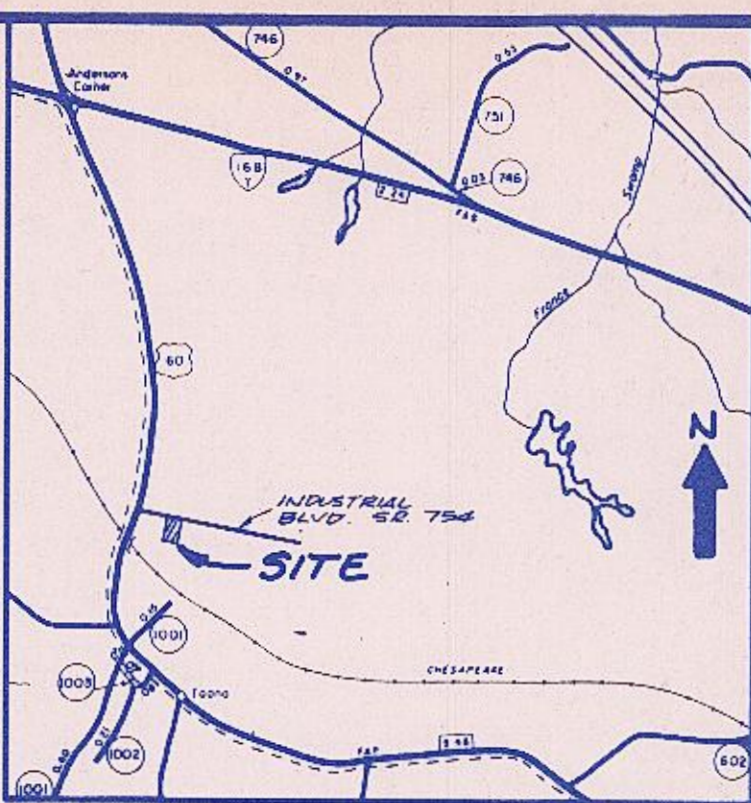
ALL EROSION & SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE "VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK." THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL APPLICABLE EROSION & SEDIMENT CONTROL MEASURES WHICH MAY BE PERTINENT TO THIS PROJECT.

1. LAND CLEARING AND GRUBBING SHALL BE LIMITED TO AREAS OF WORKABLE SIZE.
2. TEMPORARY SEDIMENT BASINS, DIKS, EROSION CONTROL STONE, STRAW BALE BARRIERS, ETC. SHALL BE PLACED DURING CLEARING, GRUBBING, EARTH MOVING, AND ROUGH GRADING ACTIVITIES. ALL TEMPORARY STRUCTURES SHALL BE CHECKED PERIODICALLY AND CLEANED AS NECESSARY.
3. THE CONTRACTOR SHALL STOCKPILE CLEARING AND GRUBBING DEBRIS AT LOCATION(S) APPROVED BY THE ENGINEER. DEBRIS SHALL BE HAULED AWAY AS SOON AS PRACTICAL.
4. THE CONTRACTOR SHALL STRIP AND STOCKPILE TOPSOIL AT LOCATION(S) AS DIRECTED BY THE ENGINEER. STRAW BALE BARRIERS SHALL BE PLACED AT THE TOE OF THE STOCKPILE TO PREVENT EROSION. TOPSOIL IS COMPLETE.
5. THE CONTRACTOR SHALL COMPLETE DRAINAGE FACILITIES WITHIN 30 DAYS FOLLOWING COMPLETION OF ROUGH GRADING AT ANY POINT WITHIN THE PROJECT.
6. ALL TEMPORARY EROSION CONTROL MEASURES (SEDIMENT BASINS, STRAW BALE BARRIERS, DIKS, ETC.) SHALL HAVE BEEN INSTALLED PRIOR TO OR DURING CLEARING, GRUBBING, AND/OR ROUGH GRADING ACTIVITIES.
7. TEMPORARY VEGETATIVE COVER SHALL BE PROVIDED IN ALL DISTURBED AREAS WHICH ARE NOT DESIGNATED FOR PAVING, UNDERGROUND UTILITIES, OR STRUCTURAL USES. SUCH AREAS SHALL NOT BE EXPOSED FOR PERIODS EXCEEDING 30 DAYS. TEMPORARY VEGETATIVE COVER SHALL BE PROVIDED WITHIN 30 DAYS OF THE DATE OF THE STOCKPILE. TEMPORARY VEGETATIVE COVER MAY BE ELIMINATED IN FAVOR OF FINAL VEGETATIVE COVER IF CONSTRUCTION CONDITIONS PERMIT AND THE CONTRACTOR IS SO DIRECTED BY THE OWNER OR ARCHITECT. APPLY FERTILIZER, LIME AND MULCH IN ACCORDANCE WITH NOTE 12.
8. ALL AREAS DESIGNATED FOR PAVING, UNDERGROUND UTILITIES, AND STRUCTURAL USE SHALL BE STABILIZED AS SOON AS PRACTICAL BUT NOT EXCEEDING 30 DAYS FOLLOWING INSTALLATION. BASE COURSE MATERIAL SHALL BE PLACED IN ALL STREET AREAS WITHIN 30 DAYS OF FINAL GRADING.

9. ALL STORM WATER MANAGEMENT FACILITIES INCLUDING EROSION CONTROL STONE AND APPROVED SEDIMENT BASINS ARE TO BE INSTALLED AND MADE OPERATIONAL WITHIN 10 DAYS FOLLOWING THE START OF CONSTRUCTION. THE INSTALLATION OF DRAINAGE FACILITIES SHALL TAKE PRECEDENCE OVER ALL OTHER UNDERGROUND UTILITIES.
10. SEDIMENT TRAPS OR BALED STRAW BARRIERS ARE TO BE INSTALLED AT THE PERIMETER OF ALL DRIP INLETS AS SOON AS PRACTICAL DURING CONSTRUCTION OF SAME.
11. OUTFALL DITCHES FROM DRAINAGE STRUCTURES SHALL BE STABILIZED IMMEDIATELY AFTER CONSTRUCTION OF SAME. EROSION CONTROL STONE SHALL ALSO BE INSTALLED WHERE CALLED FOR IMMEDIATELY AFTER CONSTRUCTION OF DITCHES WHERE VELOCITIES EXCEED 10 FPS. (USE VDOT STD. 62-1)
12. FINAL VEGETATIVE COVER (STABILIZATION) SHALL CONSIST OF TOPSOILING, LIMING, FERTILIZING, SEEDING, AND MULCHING TO ASSURE A FIRM STAND OF GRASS AS SOON AS PRACTICAL. SEDIMENT BASINS AND OTHER TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED ONLY WHEN STABILIZATION IS COMPLETE. FINAL VEGETATIVE COVER SHALL BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING:

TOPSOIL: AT LEAST 2" THICKNESS OBTAINED FROM STOCKPILES ON SITE, FREE OF LARGE DEBRIS.
LIME: 4,000#/ACRE (90#/1000 SF) FERTILIZER: 10/20/10 MIX, 1000#/ACRE (25#/1000 SF)
SEED: KENTUCKY 31 TALL FESCUE 250#/ACRE (68#/1000 SF) MULCH: STRAW OR HAY (LOCALLY OBTAINED) 4000#/ACRE (90#/1000 SF)

THE OWNER/DEVELOPER AND CONTRACTOR SHALL KEEP ALL PAVED ROADS FREE AND CLEAR OF SEDIMENT OR OTHER DEBRIS. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED AND ANY SEDIMENT CARRIED ONTO PUBLIC ROADS SHALL BE REMOVED BY SHOVELING OR SWEEPING.
RESPONSIBILITY OF THE OWNER/DEVELOPER TO INSPECT AND MAINTAIN ALL TEMPORARY AND PERMANENT DRAINAGE, EROSION CONTROL STRUCTURES.



LOCATION MAP SCALE 1" = 1/4 MILE

GENERAL NOTES

1. AREA OF SITE: 43,046 SF, 1.0013 AC ±
2. ZONING OF SITE IS M-2, GENERAL INDUSTRIAL, AND IS IN THE RESERVATION PROTECTION OVERLAY DISTRICT.
3. SITE IS PART OF TAX PARCEL (124)(1-13)
4. SOLID WASTE DISPOSAL WILL BE DUMPSTER BY COMMERCIAL HAULER.
5. PARKING REQUIREMENTS: 5 EMPLOYEES / 2 + 3 SPACES
6. BUILDING IS 1 STORY, TYPE 2C. USE IS INDUSTRIAL.
7. NO HAZARDOUS MATERIALS ARE TO BE PRODUCED OR STORED ON SITE.

LANDSCAPING NOTES

1. SITE IS AN OPEN FIELD - NO TREES ARE BEING CLEARED.
2. PERIMETER AREA: 850 L.F. 17 TREES REQUIRED 17 TREES PROVIDED (WHITE PINE)
3. PARKING LOT LANDSCAPING: 3 SPACES / 1 TREE(S) REQUIRED 1 TREE(S) PROVIDED (RED OAK)

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WHITE AREA STATISTICS

1. LOT AREA	43,046 SF	100.0 %
2. BUILDING AREA	3,110 SF	7.1 %
3. PARKING LOT & DRIVES	1,790 SF	3.9 %
4. WALKS	156 SF	0.4 %
5. GREEN AREA (1-2+3)	38,796 SF	89.0 %
6. IMPERVIOUS AREA (2+3+4)	4,996 SF	11.5 %

DRAINAGE CALCULATIONS

PRE DEVELOPMENT

$$Q_2 = (0.35)(3.9)(1.0) = 1.4 \text{ cfs}$$

POST DEVELOPMENT

$$Q_2 = (0.9)(3.9)(1.0) = 3.51 \text{ cfs}$$

$$Q_2 = (0.2)(3.9)(0.9) = 0.70 \text{ cfs}$$

$$Q_2 = (0.2)(3.9)(0.9) = 0.70 \text{ cfs}$$

COUNTY OF JAMES CITY

FINAL SITE PLAN

APPROVALS

DATE

Fire Dept.

Health Dept.

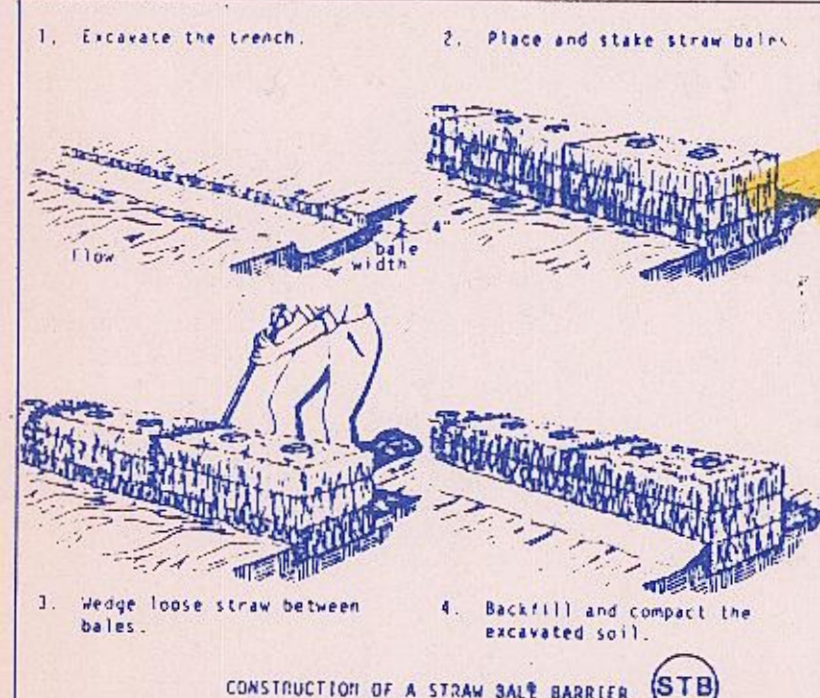
Highway Dept.

Plan. Comm.

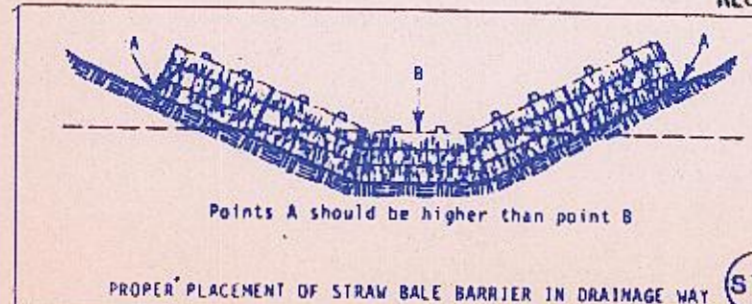
Pub. Works Dept.

Zoning Admin.

Other



CONSTRUCTION OF A STRAW BALE BARRIER



PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY

REC'D JUN 28 1985

RECEIVED

JUL 1 8 1985

SP. SERVICES

10/1/85



AES, a professional corporation
JERRY'S PLUMBING & HEATING
1761 Jamestown Road, Williamsburg, Va. 23185
804-253-0040
Architecture, Engineering, Surveying, Planning

SITE PLAN
JERRY'S PLUMBING & HEATING
OWNER: JERRY ACHESON
STONEHOUSE DISTRICT JAMES CITY COUNTY VIRGINIA



REVISION / COMMENT / NOTE	NO.	DATE
	1	

Designed RAC	Drawn VMB
Scale 1"=20'	Date JUN, 1985
Project No. 6045	Drawing No. 1