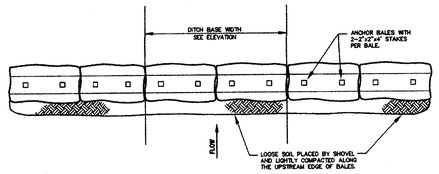
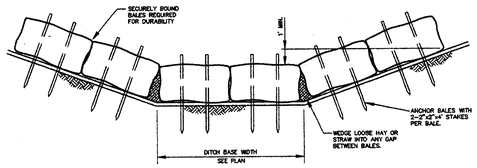


PLAN

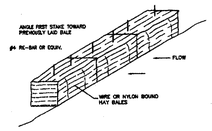


ELEVATION

HAY OR STRAW CHECK DAM

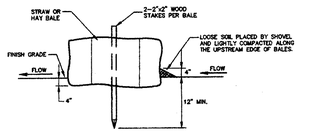
N.T.S.

EMBEDMENT DETAIL



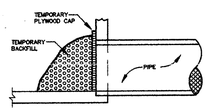
ANCHORING DETAIL

NOTE:
CONTRACTOR TO PROVIDE EROSION CONTROL MEASURES ALONG THE BORDERS OF THE SUBJECT TRACT OF LAND. THE CONTRACTOR MAY USE EITHER THE HAY BALE, AS SHOWN, OR SILT FENCING ALONG THE PROPERTY LINES, UNLESS OTHERWISE SPECIFIED.



TYPICAL ENTRENCHED BALE PLACEMENT

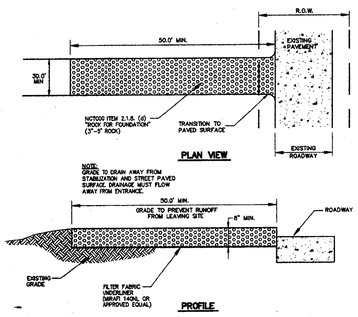
N.T.S.



CROSS SECTION

CURB INLET PROTECTION "A"

N.T.S.



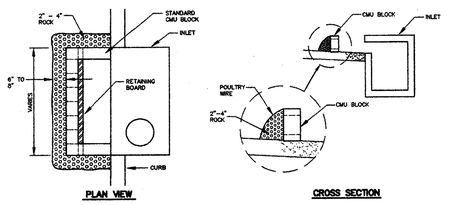
PLAN VIEW

NOTE:
GRADE TO DRAIN AWAY FROM STABILIZATION AND STREET PAVED SURFACE. DRAINAGE MUST FLOW AWAY FROM ENTRANCE.

PROFILE

CONSTRUCTION ENTRANCE

N.T.S.



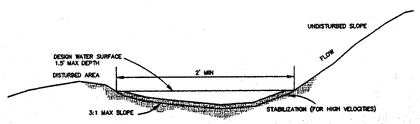
PLAN VIEW

ALTERNATE 1

CROSS SECTION

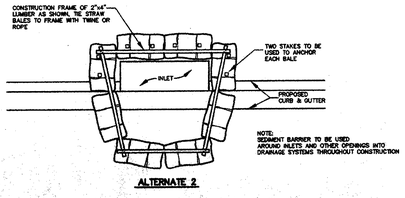
CURB INLET PROTECTION "B"

N.T.S.



INTERCEPTOR SWALE

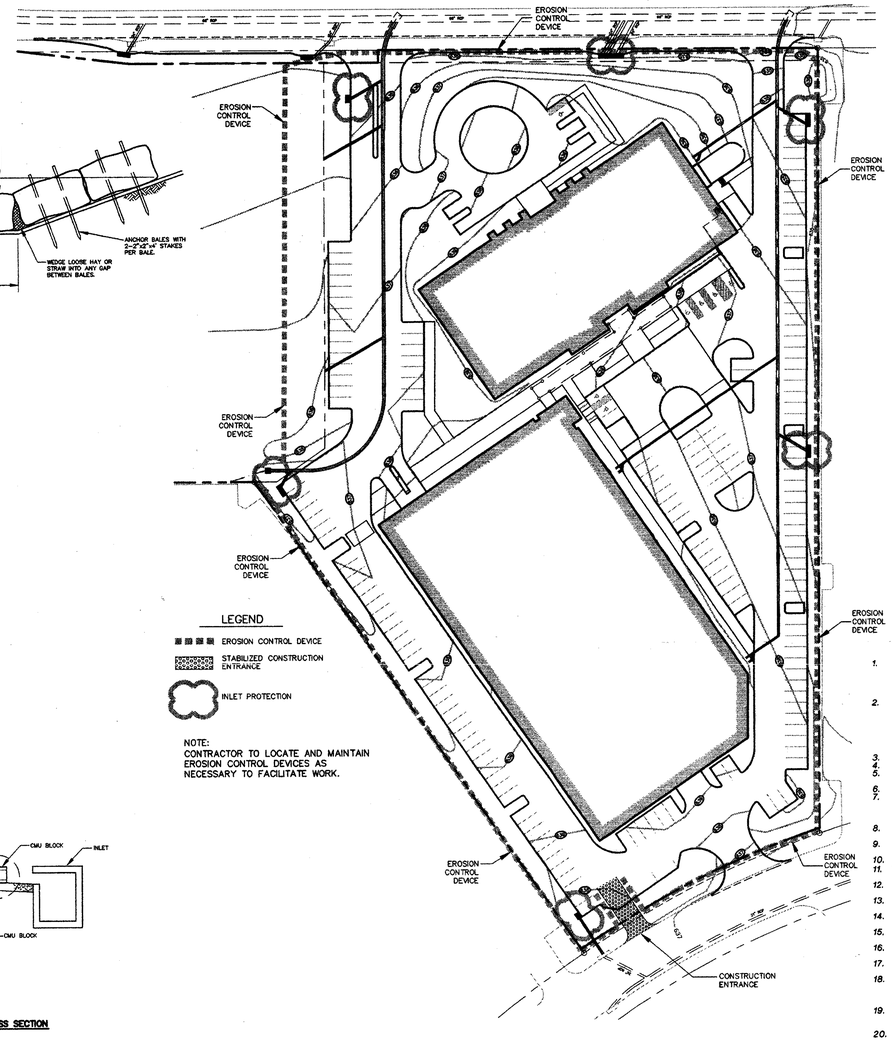
N.T.S.



ALTERNATE 2

CURB INLET PROTECTION "B"

N.T.S.



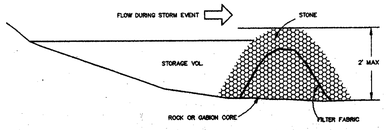
LEGEND

- EROSION CONTROL DEVICE
- STABILIZED CONSTRUCTION ENTRANCE
- INLET PROTECTION

NOTE:
CONTRACTOR TO LOCATE AND MAINTAIN EROSION CONTROL DEVICES AS NECESSARY TO FACILITATE WORK.

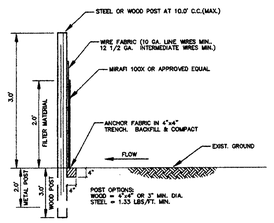
EROSION CONTROL PLAN

N.T.S.



STONE OUTLET SEDIMENT TRAP

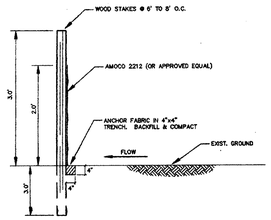
N.T.S.



HIGH FLOW SILT FENCE DETAIL:

TYPICAL TEMPORARY FILTER WITH WIRE FABRIC

N.T.S.



LOW FLOW SILT FENCE DETAIL:

TYPICAL TEMPORARY FILTER WITHOUT WIRE FABRIC

N.T.S.

POLLUTION CONTROL GENERAL NOTES

1. The Erosion Control Plan, details, and other details provided in the Construction Best Management Practices (BMP) Manual published by the North Central Texas Council of Governments (NCTCOG) are to be used in conjunction with the Storm Water Pollution Prevention Plan (SWPPP) to provide means to prevent or minimize pollution of storm water.
2. The construction activity included in this plan will include:
   A. Clearing and Grubbing
   B. Rough Grading
   C. Final Grading
   D. Utility Installation
   E. Pavement Installation
   F. Building Construction
3. The total estimated land area to be disturbed is 5.5 acres.
4. The estimated runoff coefficient upon completion of the project is 0.90.
5. The storm water exiting the site is collected by a storm sewer system and a drainage course maintained by the City of Dallas, Texas.
6. The soils on the site are generally expansive clays.
7. The Contractor shall provide erosion protection along the perimeter of the site, at the construction entrance, and at all inlet mouths prior to soil disturbing activities and until the site has been stabilized. These sediment control devices shall be in place at the end of each workday.
8. The Contractor will remove all excess soil from construction vehicles prior to exiting the site.
9. All disturbed areas which will not be re-disturbed for a minimum of 21 days must be stabilized by the Contractor to control erosion.
10. The Contractor shall undertake proper methods to reduce dust generation from the site.
11. The Contractor must comply with Federal, State and local regulations regarding sediment and erosion control.
12. A copy of the Storm Water Pollution Prevention Plan (SWPPP) must be kept at the construction facility during the entire construction period.
13. Construction sequencing must provide for the excavation of an on-site basin as a sediment collection basin prior to the disturbance of greater than 10 acres of land.
14. All finished grades are to be smoothed, spot sodded or seeded and watered until growth is established, on and off-site.
15. A pit or wash out basin shall be constructed on-site by the contractor for the "wash out" of concrete trucks.
16. A berm or other spill protection measure shall be used for any temporary fuel storage tank on site.
17. If "sump" pumps are used to remove water from excavated areas, filter the discharge to remove sediment and other pollutants before the water leaves the site.
18. To prevent damage to vegetation in downstream water courses, limit any proposed lime stabilization operations to that which can be mixed and compacted by the end of each work day. Geotextile fabric is not effective in filtering lime since the grain size is smaller than the opening in the fabric.
19. Vehicle parking areas, staging areas, stockpiles, spoils, etc. shall be located such that they will not adversely affect storm water quality. Otherwise, covering or encircling the areas with protective measures shall be necessary.
20. Store all trash and building materials waste in an enclosure until proper disposal at off-site facilities.

EROSION COTROL DEVICE LIMITS WERE REVISED PER TOWN OF ADDISON COMMENTS 10/20/97.

1 REVISED 10/14/97

2 REVISED PLAN 10/24/97

C-5

STATE OF TEXAS
STEVEN A. MARKUSSEN
70090
REGISTERED PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY STEVEN A. MARKUSSEN P.E. 70090 ON 09/05/97. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

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Dallas, Texas 75243
(972) 235-3031

STORM WATER
POLLUTION CONTROL DETAILS
ONE HANOVER PARK
N. DALLAS TOLLWAY AT EXCEL PARKWAY
TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
SAM	TDH	9/30/97	AS NOTED			

PK NO: 1767-97.179 DWG NO: 1767-15

1 REVISED ENTIRE SITE PLAN

2 REVISED PLAN 10/24/97

This seal indicates only that I have reviewed the consultant's work and coordinated it with the overall project.

REGISTERED ARCHITECT
JAMES R. WILLIS
STATE OF TEXAS
10/30/97
Exp. 7/31/98

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ONE HANOVER PARK
OFFICE BUILDING
ADDISON, TEXAS

INTERVEST COMPANIES
DEVELOPER

WILCOX DEVELOPMENT SERVICES, INC.
PROJECT MANAGER

STORM WATER POLLUTION CONTROL DETAILS

9716.0

EARLY ISSUE 9.5.97

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