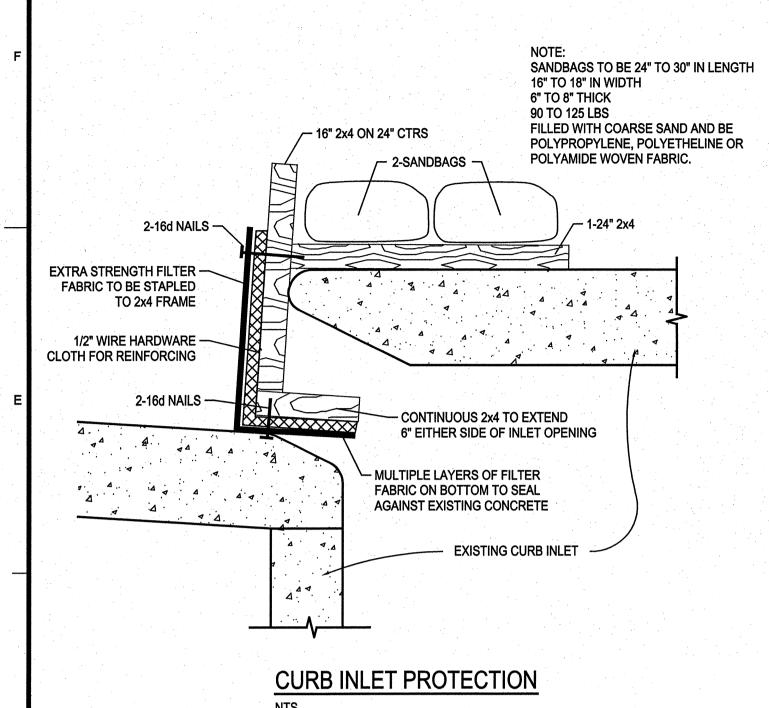
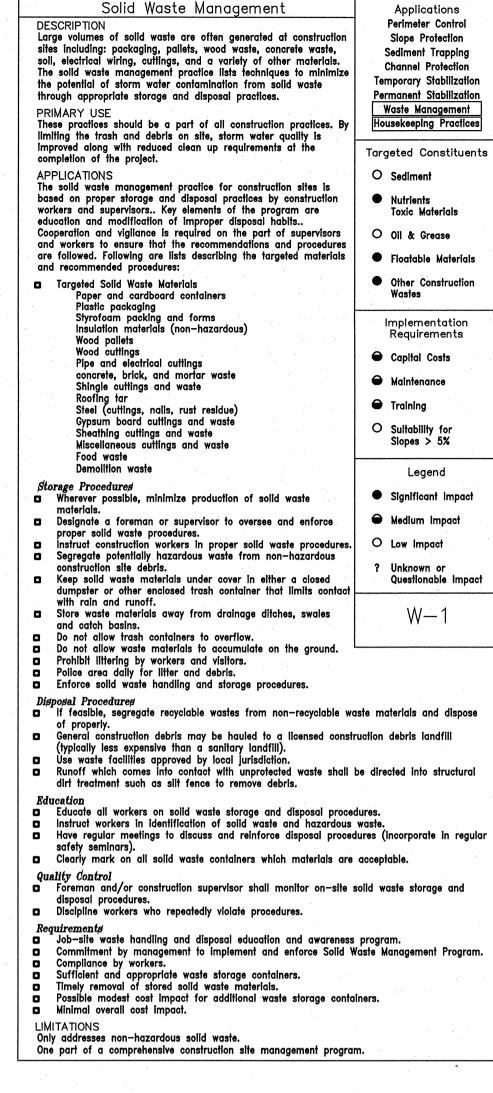
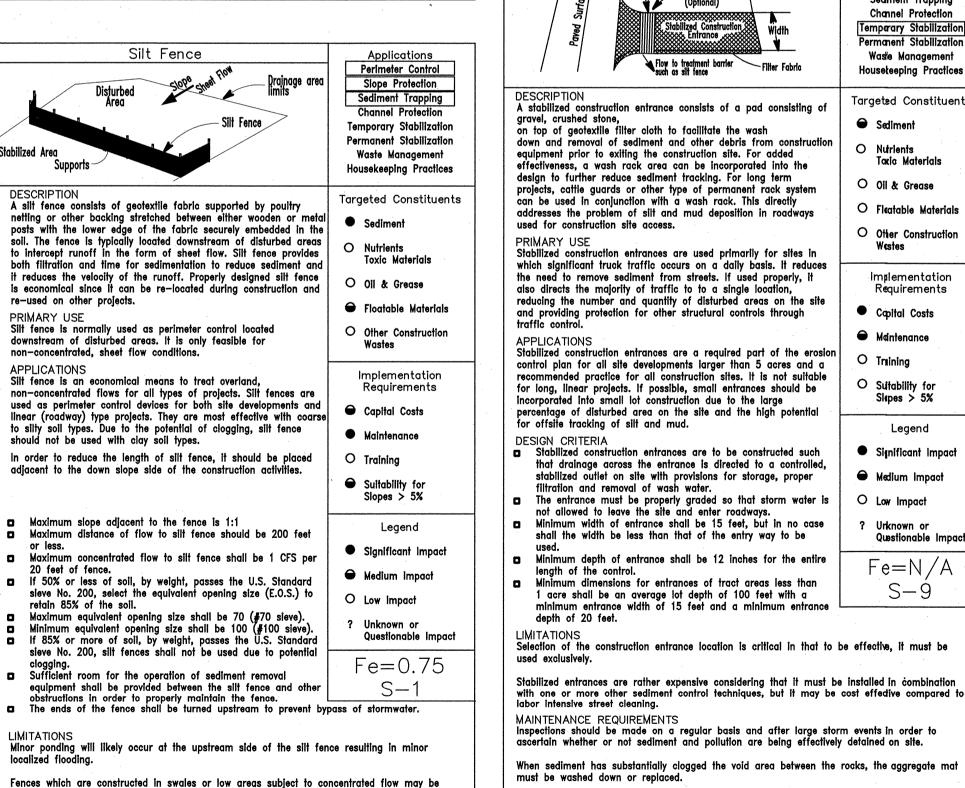
EROSION CONTROL PLAN SEE SEDIMENT CONTROL PLAN







concentrated overtopped resulting in failure of the filter fence. Silt fences subject to areas of concentrated flow (waterways with flows > 1 cfs) are not acceptable.

Silt fence can interfere with construction operations, therefore planning of access routes onto

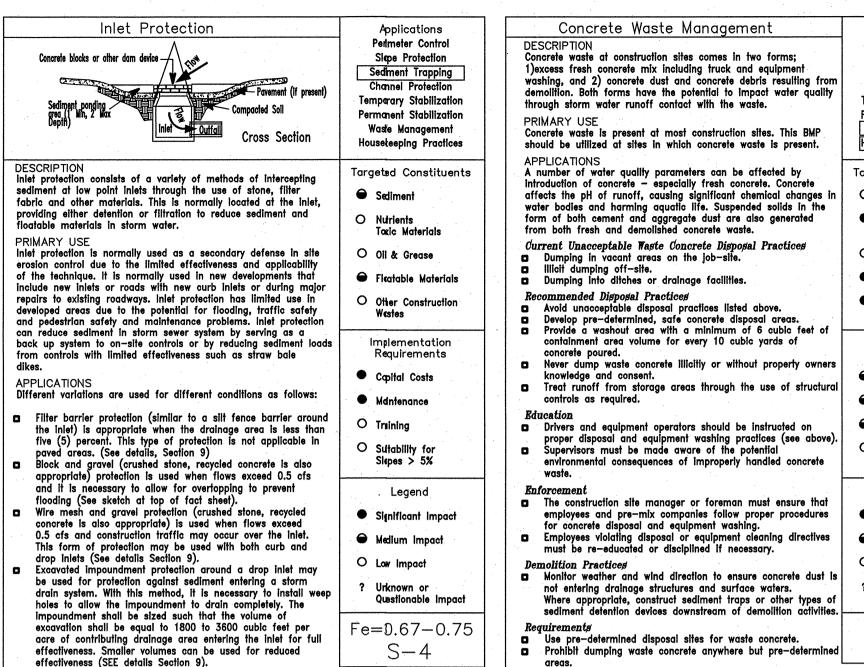
Silt fence can fail structurally under heavy storm flows, creating maintenance problems and

Sediment should be removed when it reaches approximately one-half the height of the fence.

Inspections should be made on a weekly basis, especially after large storm events. If the fabric becomes clogged, it should be cleaned or if necessary, replaced.

the site is critical.

reducing the effectiveness of the system. MAINTENANCE REQUIREMENTS



as fill material and put new stone around the inlet. Stabilized Construction Entrance **Applications** Perimeter Control Slepe Protection Wash Rack (Optional) Sediment Trapping Channel Protection Stabilized Construction Temporary Stabilization Permanent Stabilization Waste Management Houseleeping Practices DESCRIPTION Targeted Constituents A stabilized construction entrance consists of a pad consisting gravel, crushed stone, Sediment on top of geotextile filter cloth to facilitate the wash down and removal of sediment and other debris from constructi O Nutrients equipment prior to exiting the construction site. For added Toxic Materials effectiveness, a wash rack area can be incorporated into the design to further reduce sediment tracking. For long term O Oil & Grease projects, cattle guards or other type of permanent rack system can be used in conjunction with a wash rack. This directly O Fleatable Materials addresses the problem of silt and mud deposition in roadways used for construction site access. O Other Construction PRIMARY USE Stabilized construction entrances are used primarily for sites in which significant truck traffic occurs on a daily basis. It reduces SIGNATURE: the need to remove sediment from streets. If used properly, it Implementation also directs the majority of traffic to to a single location, Requirements reducing the number and quantity of disturbed areas on the site COMPANY NAME: and providing protection for other structural controls through traffic control. Capital Costs DATE: ■ Mantenance APPLICATIONS Stabilized construction entrances are a required part of the erosion O Training control plan for all site developments larger than 5 acres and a recommended practice for all construction sites. It is not suitable O Suitability for for long, linear projects. If possible, small entrances should be incorporated into small lot construction due to the large percentage of disturbed area on the site and the high potential SIGNATURE - PLAN REVIEWER: for offsite tracking of silt and mud. Legend DESIGN CRITERIA Stabilized construction entrances are to be constructed such Significant impact that drainage across the entrance is directed to a controlled, Medium Impact stabilized outlet on site with provisions for storage, proper filtration and removal of wash water. ■ The entrance must be properly graded so that storm water is not allowed to leave the site and enter roadways. m Minimum width of entrance shall be 15 feet, but in no case shall the width be less than that of the entry way to be Questionable Impact ■ Minimum depth of entrance shall be 12 inches for the entire Fe=N/Alength of the control.

Minimum dimensions for entrances of tract areas less than 1 acre shall be an average lot depth of 100 feet with a minimum entrance width of 15 feet and a minimum entrance

Selection of the construction entrance location is critical in that to be effective, it must be

Periodic re-grading and top dressing with additional stone must be done to keep the efficiency

of the entrance from diminishing.

Filter fabric protection shall be designed and maintained in a manner similar to silt fence.

Maximum depth of flow shall be (8) eight inches or less depending on visicular and

through established swales, streets or other watercourses to minimize damage due to

Inlet protection is only viable at low point inlets. Inlets which are on a slope cannot be effectively protected because storm water will bypass the inlet and continue awnstream, causing

Inspections should be made on a weekly basis, especially after large (>0.5 inches) storm events. When silt fence is used and the fabric becomes clogged, it should be cleaned or if necessary,

replaced. Also, sediment should be removed when it reaches approximately one—half the height of the fence. If a sump is used, sediment should be removed when the volume of the basin is

For systems using stone filters, when the stone filter becomes clogged with sydiment, the stones must be pulled away from the inlet and cleaned or replaced. Since cleaning of gravel at a

construction site may be difficult, an alternative approach would be to use the cloaged stone

ponding and to provide for public safety.

an overload condition at inlets beyond

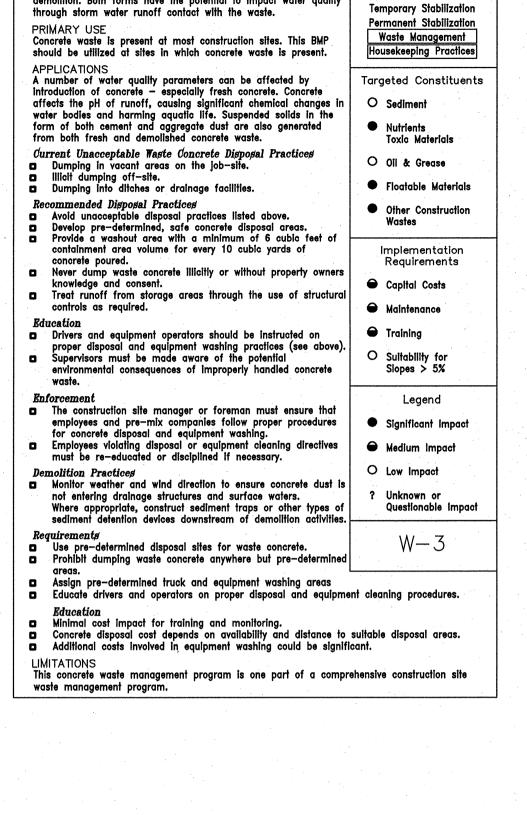
MAINTENANCE REQUIREMENTS

Ponding will occur at the inlet with possible flooding as a result.

LIMITATIONS

pedestrian traffic.

Positive drainage is critical in the design of inlet protection. If overflow is not prodded for at the inlet, flows which exceed the capacity of the inlet protection system shall be routed



Legend

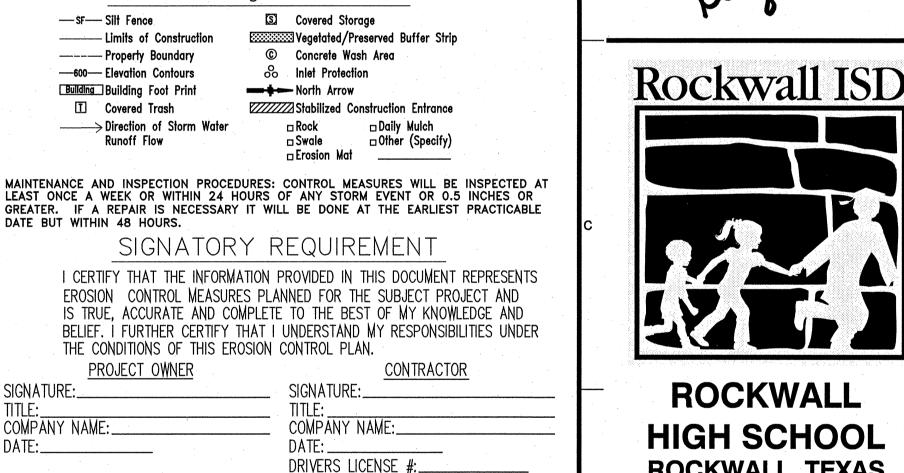
Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection



HIGH SCHOOL ROCKWALL, TEXAS

SHWGROUP

ARCHITECTS | ENGINEERS | PLANNERS

ESTES. McCLURE & ASSOCIATES

RAMSEY LANDSCAPE ARCHITECTS

FINAL PLANS FOR PERMITTING AND CONSTRUCTION

MIKE GLENN

GLENN ENGINEERING, INC.

CIVIL:

STRUCTURAL:

SHW GROUP LLP

LANDSCAPING:

FOOD SERVICE:

JMK DESIGNS

CHECKED:

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-Revisions: -

1 ADDENDA #1 - MARCH 17, 2008

2 ADDENDA #2 - MARCH 25, 2008

5/27/2008

3 ADDENDA #3 - APRIL 1, 2008

4 CITY REVIEW COMMENTS - APRIL 22, 2008

5 CITY REVIEW COMMENTS - SEPT. 09, 2008

6 RECORD SET - MARCH 04, 2009 7 REVISED RECORD SET - JUNE 04, 2009

Sheet Title: **SWPPP DETAILS**

Glenn Engineering Corporation

RECORD DRAWING

This is to certify that changes and

rrections have been made to conform the confractor's record of this project.

DATE OF BIRTH:

SEX: _

SITE DETAILS

SHW Project: