

CIVIL NOTES CONTINUED FROM SHT. C-4

20. EROSION AND SEDIMENTATION CONTROL.

- 20.1 Stabilize all denuded areas and install and maintain all temporary erosion and sediment controls continuously between October 15th and April 15th of each year. If permanent erosion control have been established.
- 20.2 Provisions for diverting on-site runoff around exposed areas and diverting fit-site runoff around the site (e.g., swales and dikes).
- 20.3 Provisions for preventing erosion and trapping sediment on-site, such as silt basins or traps, erosion stakes or berms, silt fences, check dams, storm runoff protection, soil blankets or mats, covers for soil stockpiles, and/or other measures.

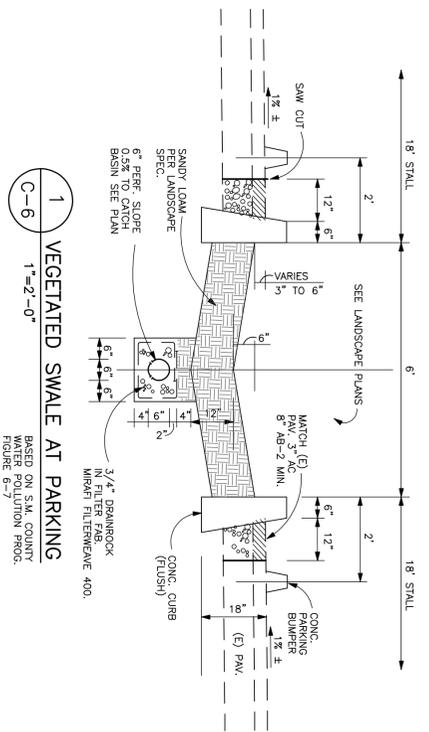
20.4 Provide notes, specifications, or attachments describing the following:

- a) Construction, operation and maintenance of erosion and sediment control measures, including inspection frequency. To be done per the Countywide Water Pollution Prevention Program. Inspections shall be weekly during winter months and at least within 24 hours of a rainfall of 1" or more.
- b) Methods and schedule for grading, excavation, filling, clearing of station, and storage and disposal of excavated or cleared material. See instruction BMP's below.
- c) Specifications for vegetative cover and mulch, including methods and schedules for planting and fertilization. Follow the recommendations of a landscape architect and suppliers of said materials.
- d) Provisions for temporary and/or permanent irrigation. No planting is opposed for this Phase-2 work.

21. CONSTRUCTION BMP'S (BEST MANAGEMENT PRACTICES). Notes from the city of San Mateo Checklist for NPDES Permit Requirements, San Mateo Countywide Water Pollution Prevention Program. The Construction BMP Page is included in this set of plans at Sheet C-5.

- 21.1 Store, handle and dispose of construction materials and wastes properly, so as to prevent their contact with stormwater.
- 21.2 Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum, products, chemicals, washwater or sediments, and non-stormwater discharges to storm drains and watercourses.
- 21.3 Use sediment controls or filtration to remove sediment when dewatering site and obtain all necessary permits.
- 21.4 Avoid cleaning, fueling, or maintaining vehicles on-site, except in a designated area where washwater is contained and treated.
- 21.5 Delineate with field markers clearing limits, easements, setbacks, sensitive or critical areas, buffer zones, trees, and drainage courses.
- 21.6 Protect adjacent properties and undisturbed areas from construction impacts using vegetative buffer strips, sediment barriers or filters, dikes, mulching, or other measures as appropriate.
- 21.7 Perform clearing and earth moving activities only during dry weather.
- 21.8 Limit time and applications of pesticides and fertilizers to prevent polluted runoff. Follow Landscape architect recommendations.
- 21.9 Limit construction access routes and stabilize designated access points. See Civil Note 4. Access to the work is by existing asphalt pavement. Keep the pavement clean and tires of vehicles clear of muddy water or debris.
- 21.10 Avoid trucking dirt or other materials off-site; clean off-site paved areas and sidewalks using dry sweeping methods.
- 21.11 The contractor shall train and provide instruction to all employees and subcontractors regarding the construction BMP's.

22. CAL WATER. Cal Water provides the water to this campus. For the fire hydrant re-location on Sht. C-6, Parking Bay W-2 near the main church, coordinate with Mike Ules at Cal Water (650) 343-7698. The fire hydrant to be relocated is a "private hydrant, not the responsibility of Cal Water. It shall be relocated per Cal Water Standards. Unless approved otherwise, pipe shall be Cast Iron or PVC. AWWA C-900, min. cover 30", concrete thrust blocks at angle points, min. 2 square feet.



1 VEGETATED SWALE AT PARKING
1"=2'-0"
BASED ON S.M. COUNTY WATER POLLUTION PROG. FIGURE 6-7



Civil Engineer
KAVANAGH ENGINEERING
708 CAROLAN AVENUE
BURLINGAME, CA 94010
650.578.1944
JOB NO. 0942 SMA7

New School Gymnasium For
Saint Matthew
Catholic Church
One Notre Dame Avenue, San Mateo, CA 94402

Date: 10/2/10
Project Number: 611-101
Scale: SHOWN
Drawn by: DRS SLL

No.	Revision	Date
6	Planning Submittal	12.18.08
5	Planning Submittal	07.24.08
4	Planning Submittal	01.24.08
3	Planning Submittal	08.14.07
2	Planning Submittal	06.07.07
1	Planning Submittal	06.07.07

Sheet Title
GYMNASIUM AREA
CIVIL DETAILS
Sheet Number
C-6