

SITE DESCRIPTION

PROJECT NAME & LOCATION: TRINITY CHRISTIAN ACADEMY
ADDISON, TEXAS

OWNER NAME & ADDRESS: TRINITY CHRISTIAN ACADEMY
17001 ADDISON ROAD
ADDISTON, TEXAS 75001

PROJECT DESCRIPTION: PARKING ADDITIONS

SEQUENCE OF MAJOR ACTIVITIES: PLACEMENT OF EROSION CONTROL DEVICES
DENUDE SITE
INSTALLATION OF UTILITY LINES
PLACEMENT OF CONCRETE PAVEMENT
PLACEMENT OF GRASS
REMOVAL OF EROSION CONTROL DEVICES

MAJOR SOIL DISTURBING ACTIVITIES: DENUDE SITE
INSTALLATION OF UTILITY LINES
PLACEMENT OF GRASS

PRE-DEVELOPMENT RUNOFF COEFFICIENT: 0.54

FINAL RUNOFF COEFFICIENT AFTER CONSTRUCTION: 0.83

TOTAL PROJECT AREA: 2.6 ACRES

TOTAL AREA TO BE DISTURBED: 2.6 ACRES

DESCRIPTION OF EXISTING SOIL: CLAY SOILS

DESCRIPTION OF STABILIZATION OF EXISTING DRAINAGE WAYS:

DESCRIPTION OF STABILIZATION OF EXISTING DRAINAGE WAYS:
SILT FENCE
INLET PROTECTION

DESCRIPTION OF EXISTING QUALITY OF STORM WATER DISCHARGE FOR SITE (IF AVAILABLE):

NAME OF RECEIVING WATERS:
TOWN OF ADDISON STORM SEWER

ADDITIONAL COMMENTS:

ESTIMATED PROJECT START DATE: JULY 2011

ESTIMATED PROJECT END DATE: AUGUST 2011

SEQUENCE AND TIMING OF INDICATED EROSION CONTROL PRACTICES AND/OR FEATURES

PRIOR TO STARTING CONSTRUCTION:
PLACEMENT OF SILT FENCES
INSTALLATION OF INLET PROTECTION FOR STREET INLETS

DURING CONSTRUCTION:
INSPECTION AND MAINTENANCE OF SILT FENCES
INSTALLATION OF INLET PROTECTION FOR ON-SITE PAVING
PLACEMENT ROCK FILTER DAM

COMPLETION OF SITE:
INSTALLATION OF GRASS
REMOVAL OF EROSION CONTROL DEVICES

LATITUDE & LONGITUDE
LATITUDE: 32° 59' 7" N
LONGITUDE: 96° 50' 3" W

SITE RATING FACTOR UTILIZING INDICATED EROSION CONTROL & MEASURES = 0.70 (MUST BE 0.70 OR LARGER)

EROSION AND SEDIMENT CONTROLS

STABILIZATION PRACTICES:
DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITY HAS CEASED (TEMPORARILY OR PERMANENTLY) SHALL BE STABILIZED WITHIN 14 DAYS UNLESS ACTIVITIES ARE SCHEDULED TO RESUME WITHIN 21 DAYS.

TEMPORARY	PERMANENT	
___	<u>X</u>	SEED OR SOD
___	___	VEGETATION OTHER THAN SEED OR SOD
___	<u>X</u>	EROSION CONTROL MATS
___	___	PRESERVATION OF NATURAL VEGETATION
___	___	OTHER (DESCRIBE)

ADDITIONAL COMMENTS:

STRUCTURAL PRACTICES:

TEMPORARY	PERMANENT	
<u>X</u>	___	SILT FENCE
___	___	HAY BALES
___	___	ROCK BERMS
___	___	DIVERSION, INTERCEPTOR OR PERIMETER DIKS
___	___	DIVERSION, INTERCEPTOR OR PERIMETER SWALES
___	___	PIPE SLOPE DRAIN
___	___	TRIANGULAR SEDIMENT FILTER DIKE
<u>X</u>	___	INLET PROTECTION
___	___	STONE OUTLET SEDIMENT TRAP
___	___	SEDIMENT BASIN (REQUIRED FOR 10 ACRES OR LARGER WHERE ATTAINABLE)
___	___	CHECK DAM
___	___	TEMPORARY SEDIMENT TANK
<u>X</u>	___	STABILIZED CONSTRUCTION ENTRANCE
___	___	SANDBAG BERM
___	___	OTHER (DESCRIBE)

ADDITIONAL COMMENTS:

OTHER ADDITIONAL STORM WATER MANAGEMENT FEATURES:

PERMANENT	
<u>X</u>	CURB & GUTTER
<u>X</u>	STORM SEWER INLETS
<u>X</u>	STORM SEWER
___	CULVERTS
___	STORM WATER DETENTION POND
___	VELOCITY DISSIPATION DEVICES
___	OTHER (DESCRIBE)

ADDITIONAL COMMENTS:

EROSION AND SEDIMENT CONTROLS

MAINTENANCE/INSPECTION PROCEDURES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A RAIN GAUGE UTILIZING MIN. 0.1 INCH INCREMENTS AT THE PROJECT SITE.
2. CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE A WEEK OR WITHIN 24 HOURS OF ANY STORM EVENT OF 0.5 INCH OR GREATER. IF A REPAIR IS NECESSARY IT WILL BE DONE AT THE EARLIEST PRACTICABLE DATE.
3. INSPECTION WILL BE PERFORMED BY THE OWNERS REPRESENTATIVE AT LEAST ONCE A WEEK AS WELL AS AFTER EVERY 0.5 INCH OF RAIN OR GREATER. AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE FOR EACH INSPECTION AND KEPT AT THE PROJECT SITE. THE INSPECTION SHOULD USE THE OPERATOR INSPECTION FORM IN THE NCTCOG CONSTRUCTION BMP MANUAL OR OTHER FORM APPROVED BY THE CITY.
4. THE CONTRACTOR SHALL KEEP RECORDS OF THE CONSTRUCTION ACTIVITY ON THE SITE.

OTHER (DESCRIBE)

OTHER BEST MANAGEMENT (HOUSEKEEPING) PRACTICES:
THE FOLLOWING INDICATED PRACTICES SHALL BE FOLLOWED:

LIME STABILIZATION:
X ATTACHED BMP S-11 FROM NCTCOG CONSTRUCTION BMP MANUAL
___ OTHER (DESCRIBE):

SOLID WASTE MANAGEMENT:
X ATTACHED BMP W-1 FROM NCTCOG CONSTRUCTION BMP MANUAL
___ OTHER (DESCRIBE):

CONTRACTOR TO HAVE A TRASH RECEPTACLE ON SITE TO COLLECT SOLID WASTE TO PREVENT AIRBORNE DEBRIS.

HAZARDOUS WASTE MANAGEMENT:
X ATTACHED BMP W-2 FROM NCTCOG CONSTRUCTION BMP MANUAL
___ STORAGE AREAS (DESCRIBE):
___ OTHER (DESCRIBE):

CONCRETE WASTE MANAGEMENT:
X ATTACHED BMP W-3 FROM NCTCOG CONSTRUCTION BMP MANUAL
___ OTHER (DESCRIBE):

SANDBLASTING WASTE MANAGEMENT:
X ATTACHED BMP W-4 FROM NCTCOG CONSTRUCTION BMP MANUAL
___ OTHER (DESCRIBE):

DUST REDUCTION MEASURES:
X DISTURBED AREAS DAMPENED PERIODICALLY FOR DUST CONTROL
___ EXCESS DIRT ON ADJACENT ROADS REMOVED DAILY
___ OTHER (DESCRIBE):

SIGNATORY REQUIREMENTS

THE CITY HAS ADOPTED THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) CONSTRUCTION BMP MANUAL. THESE OUTLINES WERE DEVELOPED AS AN AID FOR THOSE PREPARING STORM WATER POLLUTION PREVENTION PLANS (SW3P'S) FOR VARIOUS CONSTRUCTION ACTIVITIES IN THE CITY. THEIR USE DOES NOT RELIEVE THE DESIGN ENGINEER OR OPERATOR(S) FROM COMPLYING WITH THE NCTCOG BMP MANUAL OR THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION SITES.

THE SW3P SHALL BE SEALED BY A TEXAS REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED BY THE OWNER THAT THE INFORMATION IS TRUE AND THAT THEY ASSUME RESPONSIBILITY FOR THE PLAN. ADDITIONALLY, THEY SHALL CERTIFY THAT THE PLAN MEETS STATE AND LOCAL REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL AND STORM WATER QUALITY. IN ALL CASES, A DULY AUTHORIZED REPRESENTATIVE AS INDICATED IN THE GENERAL PERMIT MAY CERTIFY THIS PLAN.

PRIOR TO THE COMMENCEMENT OF WORK, THE OWNER AND GENERAL CONTRACTOR MUST SUBMIT NOTICES OF INTENT (NOI) AS CO-PERMITTEES TO DISCHARGE STORM WATER FROM A CONSTRUCTION SITE UNDER THE NPDES PERMIT. ADDITIONALLY, ALL CONTRACTORS AND SUBCONTRACTORS (INCLUDING FRANCHISE UTILITIES) WHOSE ACTIVITIES IMPACT THE SW3P MUST SIGN AN APPROVED CERTIFICATION THAT THEY UNDERSTAND THEIR RESPONSIBILITIES UNDER THE PLAN. NO WORK WILL BE ALLOWED UNTIL COPIES OF ALL APPROPRIATE NOI'S AND CERTIFICATIONS ARE RECEIVED BY THE CITY.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE: _____ DATE: _____

TITLE: _____

I CERTIFY THAT THE STORM WATER POLLUTION PREVENTION PLAN REFLECTS THE TOWN OF ADDISON REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL AS ESTABLISHED IN THE NCTCOG BMP MANUAL.

SIGNATURE: _____ DATE: _____

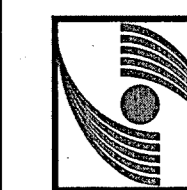
TITLE: _____

ALLOWABLE NON-STORM WATER DISCHARGES

- DISCHARGES FROM FIRE FIGHTING ACTIVITIES.
- FIRE HYDRANT FLUSHINGS. *
- WATER USED TO WASH VEHICLES OR CONTROL DUST.
- POTABLE WATER SOURCES (INCLUDING WATERLINE FLUSHINGS CONTAINING LESS THAN 1000 GALLONS). *
- UNCONTAMINATED GROUND WATER (INCLUDING DEWATERING GROUNDWATER INFILTRATION).
- FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS.
- SPRINGS, RIPARIAN HABITATS, WETLANDS AND UNCONTAMINATED GROUNDWATER.
- IRRIGATION WATER.
- EXTERIOR BUILDING WASH DOWN WITHOUT DETERGENTS.
- PAVEMENT WASH WATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED.
- AIR CONDITIONING CONDENSATE.

* HEAVILY CHLORINATED WATER (3.5 MG/L OR GREATER FREE CHLORINE) RESULTING FROM WATER LINE STERILIZATION SHALL BE DIRECTED UNDER PERMIT TO THE SANITARY SEWER UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL APPLY TO THE ENGINEERING DEPARTMENT FOR A SANITARY SEWER DISCHARGE PERMIT AFTER THE MANDATORY CHLORINE RETENTION TIME (USUALLY 24 HOURS). THE HEAVILY CHLORINATED WATER MAY BE DISCHARGED TO THE SANITARY SEWER, BEGINNING TWO WORKING DAYS AFTER PERMIT APPLICATION.

GLENN ENGINEERING

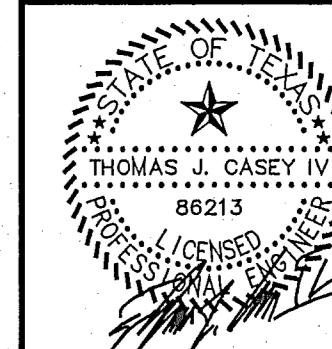


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T.B.P.E. FIRM # F - 303

TRINITY CHRISTIAN ACADEMY

PARKING ADDITIONS

SWPPP DETAILS SHEET 2



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THOMAS J. CASEY IV, P.E. 86213, ON JUNE 30, 2011

- Issue Dates:**
- Review: Bid March 7, 2011
 - 1 Revised Grading & HC Parking May 2, 2011
 - 2 Re-Bid May 11, 2011
 - 3 Town Comments, June 7, 2011
 - 4 Town Comments #2, Removed Loop Road June 30, 2011

Construction:

Scale: AS NOTED

Drawn By: TJC

Checked By: CMA

Project No.: 10 - 599.150

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of 13

SWPPP DETAILS
SCALE: AS SHOWN