

SITE DESCRIPTION

EROSION AND SEDIMENT CONTROLS

SIGNATORY REQUIREMENTS

PROJECT NAME & LOCATION: HERMAN E. UTLEY MIDDLE SCHOOL
ROCKWALL, TEXAS

OWNER NAME & ADDRESS: ROCKWALL INDEPENDENT SCHOOL DISTRICT
801 EAST WASHINGTON
ROCKWALL, TEXAS

PROJECT DESCRIPTION: ADDITIONS AND REVOVATION

SEQUENCE OF MAJOR ACTIVITIES: PLACEMENT OF EROSION CONTROL DEVICES
DENUDE SITE
INSTALLATION OF UTILITY LINES
START FOUNDATION OF BUILDINGS
PLACEMENT OF CONCRETE PAVEMENT
COMPLETE BUILDINGS
PLACEMENT OF LANDSCAPE AND GRASS
REMOVAL OF EROSION CONTROL DEVICES

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	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SEED OR SOD
<input type="checkbox"/>	<input checked="" type="checkbox"/>	VEGETATION OTHER THAN SEED OR SOD
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EROSION CONTROL MATS
<input type="checkbox"/>	<input type="checkbox"/>	PRESERVATION OF NATURAL VEGETATION
<input type="checkbox"/>	<input type="checkbox"/>	OTHER (DESCRIBE)

ADDITIONAL COMMENTS:

STRUCTURAL PRACTICES

TEMPORARY	PERMANENT	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SILT FENCE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	HAY BALES
<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROCK BERMS
<input type="checkbox"/>	<input type="checkbox"/>	DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
<input type="checkbox"/>	<input type="checkbox"/>	DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
<input type="checkbox"/>	<input type="checkbox"/>	PIPE SLOPE DRAIN
<input type="checkbox"/>	<input type="checkbox"/>	TRIANGULAR SEDIMENT FILTER DIKE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	INLET PROTECTION
<input type="checkbox"/>	<input type="checkbox"/>	STONE OUTLET SEDIMENT TRAP
<input type="checkbox"/>	<input type="checkbox"/>	SEDIMENT BASIN (REQUIRED FOR 10 ACRES OR LARGER WHERE ATTAINABLE)
<input type="checkbox"/>	<input type="checkbox"/>	CHECK DAM
<input type="checkbox"/>	<input type="checkbox"/>	TEMPORARY SEDIMENT TANK
<input checked="" type="checkbox"/>	<input type="checkbox"/>	STABILIZED CONSTRUCTION ENTRY
<input type="checkbox"/>	<input type="checkbox"/>	SANDBAG BERM
<input type="checkbox"/>	<input type="checkbox"/>	OTHER (DESCRIBE):

ADDITIONAL COMMENTS:

OTHER ADDITIONAL STORM WATER MANAGEMENT FEATURES

PERMANENT	
<input checked="" type="checkbox"/>	CURB & GUTTER
<input checked="" type="checkbox"/>	STORM SEWER INLETS
<input checked="" type="checkbox"/>	STORM SEWER
<input checked="" type="checkbox"/>	CULVERTS
<input checked="" type="checkbox"/>	STORM WATER DETENTION POND (BY OTHERS)
<input type="checkbox"/>	VELOCITY DISSIPATION DEVICES
<input type="checkbox"/>	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**
- ATTACHED BMP S-11 FROM NCTCOG CONSTRUCTION BMP MANUAL
 - OTHER (DESCRIBE):
- SOLID WASTE MANAGEMENT**
- ATTACHED BMP W-1 FROM NCTCOG CONSTRUCTION BMP MANUAL
 - OTHER (DESCRIBE):
- HAZARDOUS WASTE MANAGEMENT**
- ATTACHED BMP W-2 FROM NCTCOG CONSTRUCTION BMP MANUAL
 - STORAGE AREAS (DESCRIBE):
 - OTHER (DESCRIBE):
- CONCRETE WASTE MANAGEMENT**
- ATTACHED BMP W-3 FROM NCTCOG CONSTRUCTION BMP MANUAL
 - OTHER (DESCRIBE):
- SANDBLASTING WASTE MANAGEMENT**
- ATTACHED BMP W-4 FROM NCTCOG CONSTRUCTION BMP MANUAL
 - OTHER (DESCRIBE):
- DUST REDUCTION MEASURES**
- DISTURBED AREAS DAMPENED PERIODICALLY FOR DUST CONTROL
 - EXCESS DIRT ON ADJACENT ROADS REMOVED DAILY
 - OTHER (DESCRIBE):

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 NCTCOG REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL AS ESTABLISHED IN THE NCTCOG BMP MANUAL.

SIGNATURE: _____ DATE: _____

TITLE: _____

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

PRE-DEVELOPMENT RUNOFF COEFFICIENT: 0.30

FINAL RUNOFF COEFFICIENT AFTER CONSTRUCTION:

TOTAL PROJECT AREA: 12.6 ACRES

TOTAL AREA TO BE DISTURBED: 12.6 ACRES

DESCRIPTION OF EXISTING SOIL: CLAY SOILS

DESCRIPTION OF STABILIZATION OF EXISTING DRAINAGE WAYS:

SILT FENCE
INLET PROTECTION

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

CITY STREETS
EXISTING STREAM

NAME OF RECEIVING WATERS:

CITY CURB AND GUTTER
CURB AND GUTTER ALONG ROADWAYS
ENCLOSED STORM SEWERS
LITTLE BUFFALO CREEK

ADDITIONAL COMMENTS:

ESTIMATED PROJECT START DATE: AUGUST 2008

ESTIMATED PROJECT END DATE: AUGUST 2009

LATITUDE: 32°53'29" N

LONGITUDE: 96°26'05" W

NAME OF RECEIVING WATER: LITTLE BUFFALO CREEK

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

(INCLUDE TREATMENT OF STOCKPILED DIRT FOR FUTURE USE)

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

COMPLETION OF SITE:


INSTALLATION OF LANDSCAPE AND GRASS
REMOVAL OF EROSION CONTROL DEVICES

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

SWPPP DETAILS

AS SHOWN

RECORD DRAWING
This is to certify that changes and corrections have been made to conform to the contractor's record of this project.
[Signature] 8.4.09
Signed _____ Date _____
Glenn Engineering Corporation



SHWGROUP
ARCHITECTS | ENGINEERS | PLANNERS

CIVIL:
GLENN ENGINEERING, INC.

STRUCTURAL:
SHW GROUP LLP

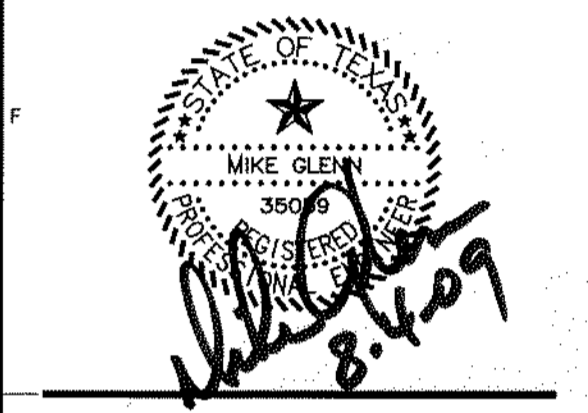
MEP:
ESTES, McCURE & ASSOCIATES

LANDSCAPING:
GRUBBS-RAMSEY, INC.

FOOD SERVICE:
JMK DESIGNS

AQUATICS:
AQUATIC EXCELLENCE

FINAL PLANS
FOR BIDDING AND CONSTRUCTION



Rockwall ISD

HERMAN E. UTLEY MIDDLE SCHOOL

CHECKED:
File:
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ISSUE: 08/22/2008

1	09/19/08	CITY REVISIONS #1
2	09/28/08	CITY REVISIONS #2
3	10/01/08	CITY REVISIONS #3
4	10/13/08	REVISIONS #4
5	11/18/08	GRADING REVISIONS
6	12/02/08	UTILITY REVISIONS
7	01/14/09	GRADING REVISIONS
8	02/28/09	GRADING REVISIONS
9	05/20/09	COURTYARD STORM
10	08/03/09	RECORD SET

Sheet Title:
SWPPP DETAILS

CG 1.12

Plotted: Aug 3, 2009, 1:19 PM by user: rck - Saved: 7/27/2009 by user: rck
 \\shwppp-cv-fine\rock\rock\utley\utley\0208 ADDITIONS\DWG SET\2008 UTLEY\DETAILS.DWG