NAD 83 – ZONE TX
Northing – 7,023,000.39'
Easting – 2,598,909.29'
1/2" IRF

CONTRACTOR TO GRADE A SWALE ALONG NEW PARKING AREA

CONTRACTOR TO GRADE A SWALE ALONG NEW PARKING AREA

STA. 0+00 LINE "Z"
CONTRACTOR TO CONSTRUCT
STD. 20' CURB INLET
TOP = 563.00
FL 21" = 559.00

21" RCP ON 10.77% GRADE

STA. 0+65 LINE "Z"
CONTRACTOR TO CONSTRUCT
STD. TYPE "ED" HEADWALL
FL 21" = 552.00

CONTRACTOR TO INSTALL 64 LF OF STANDARD 3' FLUME ON 2.13% GRADE

100 YEAR W.S.
ELEVATION = 554.61

STA. 0+38 LINE "Z1"
CONTRACTOR TO INSTALL
STD. TYPE "ED" HEADWALL
FL EX 36" = 552.00

36" RCP ON 3.95% GRADE

STA. 0+00 LINE "Z1"
REMOVE EX. HERADWALL
INSTALL 45° BEND
FL EX 36" = 553.50

CONTRACTOR TO INSTALL 3' FLUME WITH A 5'x10' CONCRETE RIP-RAP PAD ON 50' SPACING (TYPICAL)

36" RCP ON 1.06% GRADE

4.85%

TICKET BOOTH
563.00 FF

MATCH LINE - CG 1.02

MATCH LINE - CG 1.04

0 30 60
Scale 1" = 30'

LINE "Z"

PARTIAL FLOW
Q_{100}= 18.80 cfs
Ø = 21" RCP
S = 0.088 ft/ft
V = 15.00 ft/s
CAP = 48.14 cfs

STA 0+00 LINE "Z"
CONTRACTOR TO CONSTRUCT
STD. 20' CURB INLET
TOP = 563.00

STA 0+65 LINE "Z"
CONTRACTOR TO CONSTRUCT
STANDARD TYPE 'ED' HEADWALL

PROP GRADE

21" RCP ON 10.77%

FL 21" = 559.00
FL 21" = 553.62
FL 21" = 552.00

0+00
1+00

565 / 560 / 555 / 550

LEGEND

529.00	= PROPOSED TOP OF CURB
529.00 TP	= PROPOSED TOP OF PAVEMENT
529.00 TI	= PROPOSED TOP OF INLET
529.00 FG	= PROPOSED TOP OF INLET
529	= PROPOSED CONTOUR
FF=529.67	= PROPOSED FINISH FLOOR
	= PROPOSED LANDSCAPE BERM
	= DIRECTION OF FLOW
529.67 GR	= EXISTING SHOT
529	= EXISTING CONTOUR

15.0' SANITARY SEWER ESMT.
VOL. 417, PG. 265

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

Aug 03, 2009 - 3:40pm User: Rick
\\Robertmplc-drive\ROCKISD\UTLEY\2008 ADDITIONS\BID SET\2008 WILKERSON-SANDERS STADIUM\2008WILKERSON-SANDERS-REV8.dwg

SHWGROUP
ARCHITECTS | ENGINEERS | PLANNERS

Consultants:

CIVIL:
GLENN ENGINEERING CORP

STRUCTURAL:
SHW GROUP, LLP

MEP:
ESTES McCLURE & ASSOCIATES, INC.
FOOD SERVICE:
JMK FOODSERVICE CONSULTING & DESIGN, LLC

LANDSCAPING:
RAMSEY LANDSCAPE ARCHITECTS, LLP

Final Plans for Bidding and Construction

STATE OF TEXAS
MIKE GLENN
35059
REGISTERED
PROFESSIONAL
ENGINEER
8.4.09

Rockwall
INDEPENDENT SCHOOL DISTRICT

WILKERSON SANDERS STADIUM RENOVATIONS
ROCKWALL, TEXAS

Project Number: 4107.048.00
Drawing Date: 05/29/2008
Drawn:
Checked:
Scale:
ACAD File: 2008WILKERSON-SANDERS-REV8.d
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Revisions:

1	11/05/08	CITY REVISIONS
2	12/02/08	CITY REVISIONS #2
3	12/12/08	CITY REVISIONS #3
4	12/16/08	CITY REVISIONS #4
5	01/26/09	CITY REVISIONS #5
6	08/03/09	RECORD SET

Sheet Title:
NORTH GRADING PLAN

CG 1.03