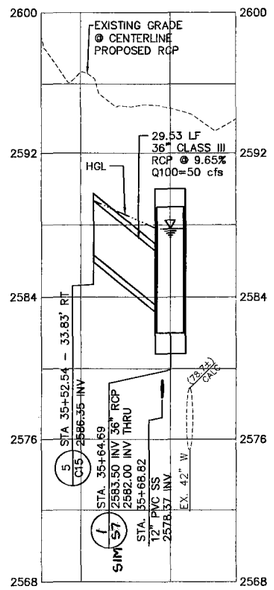
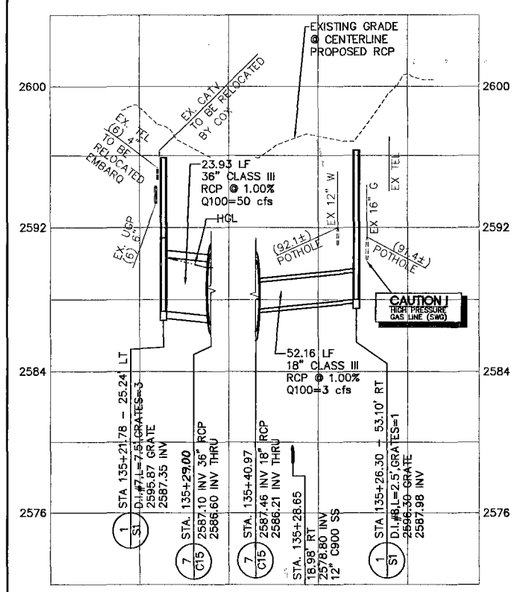


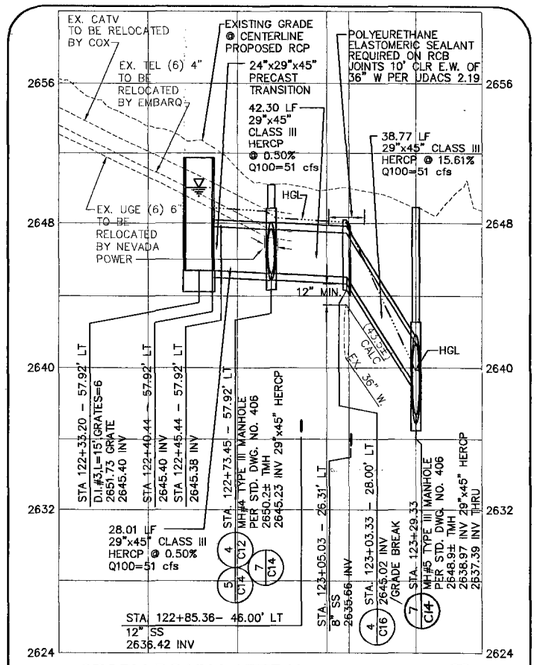
STORM DRAIN LATERAL (STA 35+64.69) 7/C12

SCALE: HORIZ. – 1" = 40'
VERT. – 1" = 4'



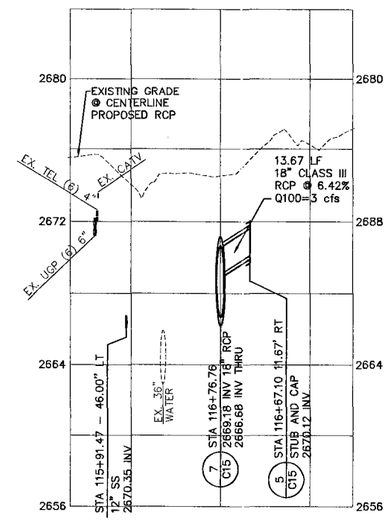
STORM DRAIN LATERAL (STA 135+35.00) 6/C12

SCALE: HORIZ. – 1" = 40'
VERT. – 1" = 4'



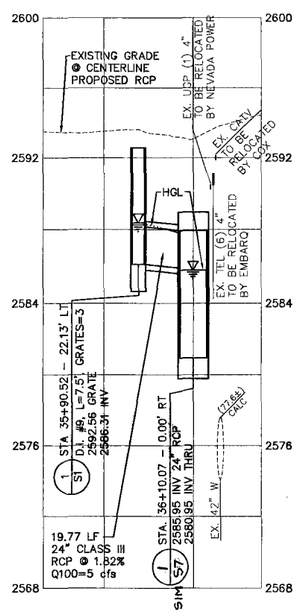
STORM DRAIN LATERAL (STA 123+29.33) 3/C12

SCALE: HORIZ. – 1" = 40'
VERT. – 1" = 4'



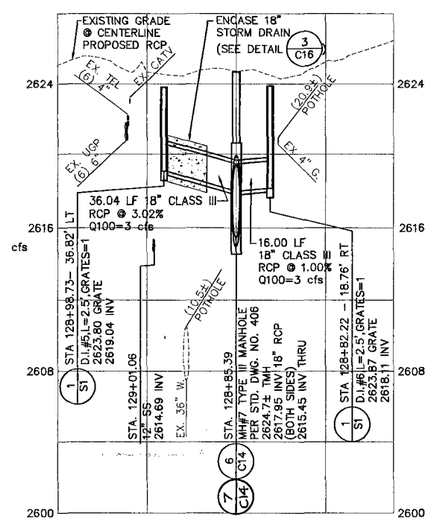
STORM DRAIN LATERAL (STA 116+76.76) 2/C12

SCALE: HORIZ. – 1" = 40'
VERT. – 1" = 4'



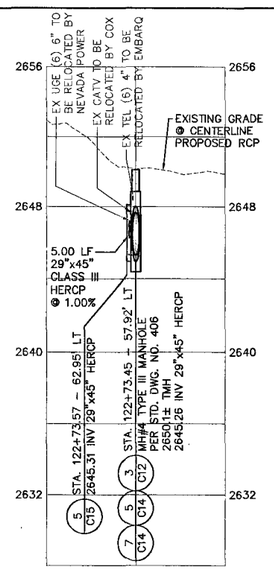
STORM DRAIN LATERAL (STA 36+10.07) 8/C12

SCALE: HORIZ. – 1" = 40'
VERT. – 1" = 4'



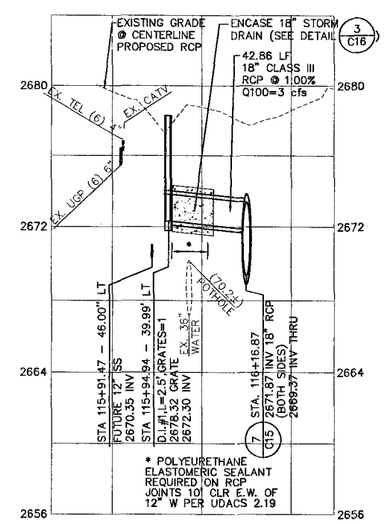
STORM DRAIN LATERAL (STA 128+85.39) 5/C12

SCALE: HORIZ. – 1" = 40'
VERT. – 1" = 4'



STORM DRAIN LATERAL (STA 122+73.45) 4/C12

SCALE: HORIZ. – 1" = 40'
VERT. – 1" = 4'



STORM DRAIN LATERAL (STA 116+16.87) 1/C12

SCALE: HORIZ. – 1" = 40'
VERT. – 1" = 4'

CONTROLLED LOW STRENGTH MATERIAL (CLSM)

Protect waterlines in place. Wherever a waterline is above a storm drain or sewer where compaction requirements under a waterline cannot be met, backfill trench with controlled low strength material (CLSM) to the springline of the waterline. This requirement is for structural support only. Additional health regulations may apply per UDACS 2.19.

All Sewer/Storm Drains crossing water lines must conform to Section 2.19 of the Uniform Design and Construction Standards for Potable Water Systems (UDACS) for water and storm main crossings and clearances. ESN.064

Note:
Call Southwest Gas at 365-2296 for Standby when excavating over or near High Pressure Gas lines.

LAS VEGAS VALLEY WATER DISTRICT — DATE 3-23-07

REV	DATE	BY	REVISION

GOWAN NORTH CHANNEL – PHASE IV

DEPARTMENT OF PUBLIC WORKS
400 STEWART AVENUE
LAS VEGAS NEVADA, NV 89101
(702) 229-6276

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299

SHEET: LATERALS

TITLE: GOWAN NORTH CHANNEL PHASE IV

DRAWN BY: DVJ
DESIGNED BY: CML
CHECKED BY: WEH
PROJECT NO: 412.627
SCALE: 1" = 40' HORIZ. 1" = 4' VERT.

SEAL: PROFESSIONAL ENGINEER — WILLIAM E. HUNTER III — Exp. 06/30/2007 — CIVIL — No. 8833 — STATE OF NEVADA — 3/22/07

SHEET C-12
29 OF 45 SHEETS
DRAWING NO. 731-65C

03-22-07 08:22:00 Djohnson
F:\412-627\dwg\improv\grc_c12.dwg
101698MP