NOTES:
1. REFER TO SHEET D1 FOR CHANNEL ACCESS LADDER LOCATIONS.
2. REFER TO SHEETS S1 THROUGH S9 FOR STRUCTURAL DETAILS.

SEE SHEET C1 FOR INTERIM GRADING PLAN
DAYLIGHT LINE
TEMPORARY CONSTRUCTION EASEMENT (EXPIRES AT COMPLETION OF BELTWAY CHANNEL)
STA 12+00.00 = "A" 17+22.02 = "B" 14+32.49 BEGIN TRANSITION STRUCTURE
STA 13+00.00 END TRANSITION STRUCTURE BEGIN 28'x8' RECT. CHANNEL
TEMPORARY CONSTRUCTION EASEMENT (EXPIRES JANUARY 2002)
PATENT EASEMENT
PERMANENT CHANNEL RIGHT OF WAY
8' WIDE CHAIN LINK GATE
5' WALKWAY
DAYLIGHT LINE
GILMORE AVE
PATENT EASEMENT
8' CHAIN LINK FENCE (SEE DETAILS ON SHEET D1)
4' CHAIN LINK FENCE (SEE DETAILS ON SHEET D1)
ABANDON EXISTING BLOW-OFF ASSEMBLY
INSTALL 6" SCH. 40 PIPE AT SAME ELEV. AS EXISTING PIPE AND VALVE
INSTALL 6" GATE VALVE WITH BLOW-OFF ASSEMBLY AND COVER SEE DETAIL SHEET D3
EXISTING VALVE VAULT
INSTALL 6" 45° BEND
ABANDON EXISTING 6" VALVE IN OPEN POSITION
CHANNEL CL
GILMORE AVE CL
28'x8' RECT. CHAN.
N88°03'27"E 850.00
DAYLIGHT LINE
4' CHAIN LINK FENCE (SEE DETAILS ON SHEET D1)
6' CHAIN LINK FENCE (SEE DETAILS ON SHEET D1)
12' WIDE MAINTENANCE ROAD (SEE DETAIL SHEET D2)
STA 17+80.00 30.0 LF 54" RCP (CLASS III) W/ BRICK AND MORTAR PLUG SLOPE = 1.0%
EXISTING 8" WATER VALVE AND STUB
OVERFLOW CONCRETE SLABS (TYP) 10' WIDER THAN THE DRAINAGE EASEMENT (8' EACH SIDE) SEE DETAIL ON SHEET D1
5'(TYP)
VARIES
PROPOSED BLOCK WALL (BY OTHERS)
PROPOSED CHEYENNE HUALAPAI SUBDIVISION
MATCH LINE - SEE SHEET C3
PERMANENT CHANNEL RIGHT OF WAY
DAYLIGHT LINE
12' WIDE DOUBLE SWING CHAIN LINK GATE (SEE DETAILS ON SHEET D1)
TEMPORARY CONSTRUCTION EASEMENT (EXPIRES JUNE 2002)
TEMPORARY CONSTRUCTION EASEMENT (EXPIRES AT COMPLETION OF BELTWAY CHANNEL)
TRANSITION STRUCTURE FROM TRAPEZIODAL 28' BOTTOM WIDTH, 3:1 SIDE SLOPES, 10' DEEP TO 28' x 8' RECTANGULAR OPEN CHANNEL
EXISTING WATER TEST STATION
SIERRA CROSSINGS (PROPOSED BY PBS&J)

NORTH CHANNEL FL S=-5.86%
SOUTH CHANNEL FL S=-3.32%
TRANSITION STRUCTURE
HGL Q=4066 CFS
-5.25%
SEE SHEET C1 FOR PLAN AND PROFILE OF NORTH AND SOUTH CHANNEL
EXISTING GROUND SURFACE PROFILE AT CHANNEL CENTERLINE (TYP.)
28' x 8' RECT CHAN
HGL Q=5700 CFS
-2.50%
STA 12+00.00 - GB = "A" 17+22.02 = "B" 14+32.49 BEGIN TRANSITION STRUCTURE W/ 5' CUT-OFF WALL INV = 2773.00
STA 13+00.00 - GB END TRANSITION STRUCTURE BEGIN 28'x8' RECT. CHAN INV = 2767.75
STA 13+87.50 EXPANSION JOINT
STA 15+75.00 EXPANSION JOINT
NOTE: NO CONSTRUCTION JOINTS BETWEEN STATION 17+75.00 AND STATION 18+00.00
STA 17+80.00 54" RCP (CLASS III) INV = 2756.25
28' x 8' RECT CHAN
-3.37%
STA 17+62.50 EXPANSION JOINT
STA 18+00.00 - GB INV = 2753.25
17+67± CONTRACT #687 EXI. 48" WATER TOP ELEV = 2753.5±
STA 19+50.00 EXPANSION JOINT
APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT DATE

Avoid cutting underground utility lines. It's costly.
2 working days Call before you Dig
1-800-227-2600
Underground Service Alert (U.S.A.)

32444

ISSUE FOR CONSTRUCTION

REV	DATE	BY	REVISION
2	5/8/01	BKP	PER ADDENDUM NUMBER 2
1	5/3/01	BKP	PER ADDENDUM NUMBER 1

PERMA-BILT HOMES
7150 ROLLOCK DRIVE SUITE 104
LAS VEGAS, NEVADA 89119
(702) 896-9100

2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89102-5148
PH. (702) 873-7550 FAX (702) 362-2597
nevada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

SHEET: FLOOD CONTROL CHANNEL PLAN AND PROFILE STA. 10+00 TO STA. 20+50

TITLE: GILMORE CHANNEL FLOOD CONTROL IMPROVEMENTS

DRAWN BY: DJB/BKP 4/20/01
DESIGNED BY: 12/10/99
CHECKED BY:
PROJECT NO: 5693
SCALE: 1"=40' HORIZ. 1"=5' VERT.

SEAL: PROFESSIONAL ENGINEER - STATE OF NEVADA - DANIEL W. BENDER - CIVIL - No. 12808 - 5/8/01

SHEET C2 OF 22 SHEETS

DRAWING NO. 731-74

E:\CAD\PUBWRK\5693\5693-DESIGN.DWG (LAYOUT = C2)