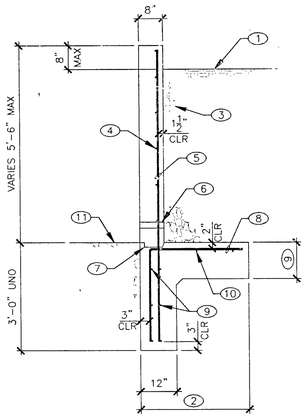
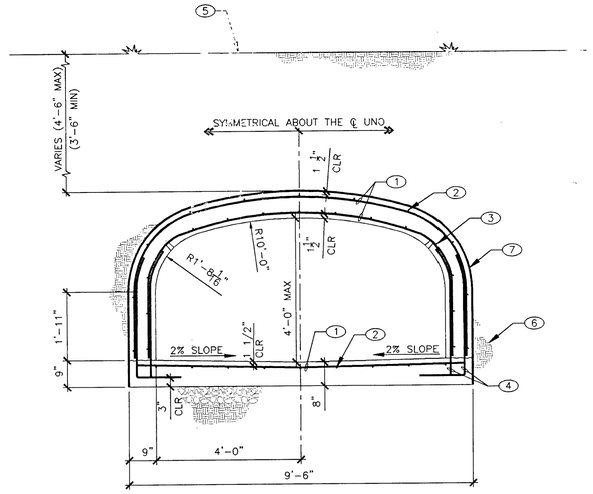


KEYNOTES:

1. LEVEL BACKFILL
2. FOOTING WIDTH, SEE PLAN
3. BACKFILL MATERIAL AND PROCEDURES PER GEOTECHNICAL REPORT, AND PROVIDE 12" MIN FREE DRAIN GRANULAR BACKFILL FULL HEIGHT OF WALL
4. #4 HORIZ AT 12" O.C.
5. #4 VERT AT 12" O.C.
6. 2"ø WEEP HOLE AT 8'-0" O.C. MAX, SEE DETAIL 5/S0.1 FOR FILTER FABRIC AND DRAIN ROCK REQUIREMENTS
7. 1 1/2" DEEP x 4 1/2" KEY
8. #4 TRANS AT 18" O.C.
9. #4 HORIZ AT 12" O.C.
10. #4 CONT AT 12" O.C.
11. FINAL GRADE PER CIVIL DWGS

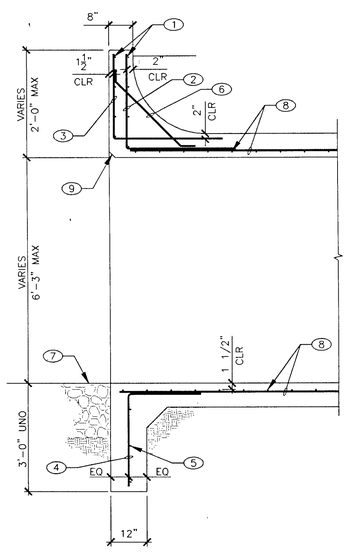
3 WING WALL SECTION 5'-6" MAX
NO SCALE



KEYNOTES:

1. #4 TRANSVERSE AT 6" O.C.
2. #4 LONGITUDINAL AT 12" O.C. LAP 18" MIN W/ TYPICAL CULVERT REINFORCING
3. #4 LONGITUDINAL AT 8" O.C. LAP 18" MIN WITH TYPICAL CULVERT REINFORCING
4. #4 DOWEL AT 6" O.C. 30" / 10"
5. FINAL GRADE
6. SEE GSN FOR COMPACTED FILL REQUIREMENTS
7. WATER PROOF MEMBRANE. COVER ARCH ONLY

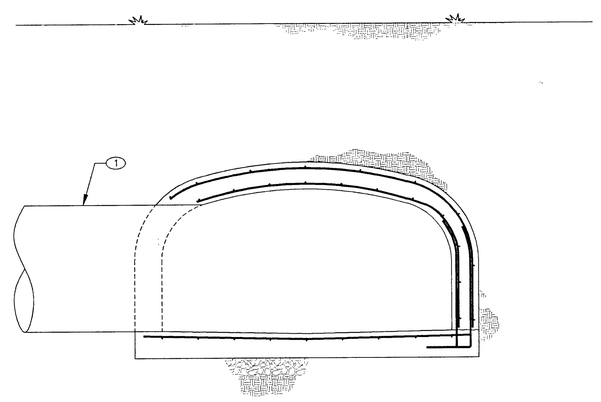
1 THICKENED CULVERT SECTION ADJACENT TO PIPE PENETRATION
NO SCALE



KEYNOTES:

1. #4 HORIZ EA FACE AT 18" O.C.
2. #4 VERT DOWEL AT 12" O.C. W/ 36" LONG HOOK AT BASE
3. #4 VERT AT 18" O.C. W/ 36" LONG HOOK AT BASE
4. #4 AT 12" O.C. 24" / 30"
5. #4 AT 12" O.C.
6. #4 AT 12" O.C. PLACE RADIALLY AROUND ARCH
7. FINAL GRADE PER CIVIL DWGS
8. CULVERT REINFORCING, SEE DETAIL 1/S3.1
9. 2" CHAMFER

4 HEADWALL SECTION INLET
NO SCALE



KEYNOTES:

1. HDPE PIPE

NOTES:

A. FOR ARCH REINFORCING SHOWN BUT NOT NOTED, SEE DETAIL 1/S3.2

2 THICKENED CULVERT SECTION AT PIPE PENETRATION
NO SCALE

SEE PLANS, DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF SEDCo/ HYDRO-ARCH AND SHALL NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN CONSENT. ALL RIGHTS ARE RESERVED. COPYRIGHT 2002 SEDCo / HYDRO-ARCH.

SEAL: STATE OF NEVADA — PROFESSIONAL ENGINEER — No. 15515 — SEP 19 2002

DESIGNED: GJA
DRAWN: AM
CHECKED: GM
APPROVED: WM

SEDCo ENGINEERING DESIGN CO SPECIALTY
6380 S. VALLEY VIEW, SITE 406
LAS VEGAS, NEVADA 89118
Phone: (702) 616-3107
Fax: (702) 616-3725

HYDRO-ARCH
980 MARY CREST ROAD, UNIT B
HENDERSON, NV 89014

PROJECT: 8' x 4' ARCH CULVERT
SPRING MOUNTAIN RANCH UNIT 91
LAS VEGAS, NV
FOR
HYDRO-ARCH

SHEET TITLE: SECTIONS

REV.	DESCRIPTION	DATE
	SUBMITTED FOR APPROVAL	9/19/02

DATE: SEPTEMBER 19, 2002
PROJECT NUMBER: LV02124
SHEET NUMBER: S3.2