



TYPICAL SECTION

NOTES:

1. REFER TO THE CITY OF RENO'S "PUBLIC WORKS DESIGN MANUAL" FOR MORE DETAILED DESIGN CRITERIA PERTAINING TO THIS DRAINAGE CHANNEL.
2. DESIGN VELOCITIES LESS THAN 6 FPS: CHANNEL LINING OF NON-ERODING, LONG LIFE, LOW MAINTENANCE MATERIAL AS APPROVED BY THE CITY ENGINEER. SIDE SLOPES 3:1 MAXIMUM UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. DESIGN VELOCITIES 6 TO 10 FPS: CHANNEL LINING OF LOOSE ROCK RIP-RAP SIZED FOR VELOCITY. SIDE SLOPES 2:1 MAXIMUM.
4. DESIGN VELOCITIES GREATER THAN 10 FPS: CHANNEL LINING OF CONCRETE OR AN ENGINEERED EQUIVALENT. SIDE SLOPES 1:1 MAXIMUM.
5. PAVED ACCESS ROAD(S) SHALL BE CONSTRUCTED TO CITY STANDARDS WHEN DETERMINED NECESSARY BY THE CITY ENGINEER.
6. VEHICULAR ACCESS TO THE CHANNEL FLOOR FOR MAINTENANCE SHALL BE PROVIDED.
7. IF GROUTED RIP-RAP IS USED, ROCK GREATER THAN D_{50} OF 3" SHALL BE WET SET.



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.

MAJOR DRAINAGE CHANNEL

R-202
 APPROVED BY: JF DATE: 1/2013