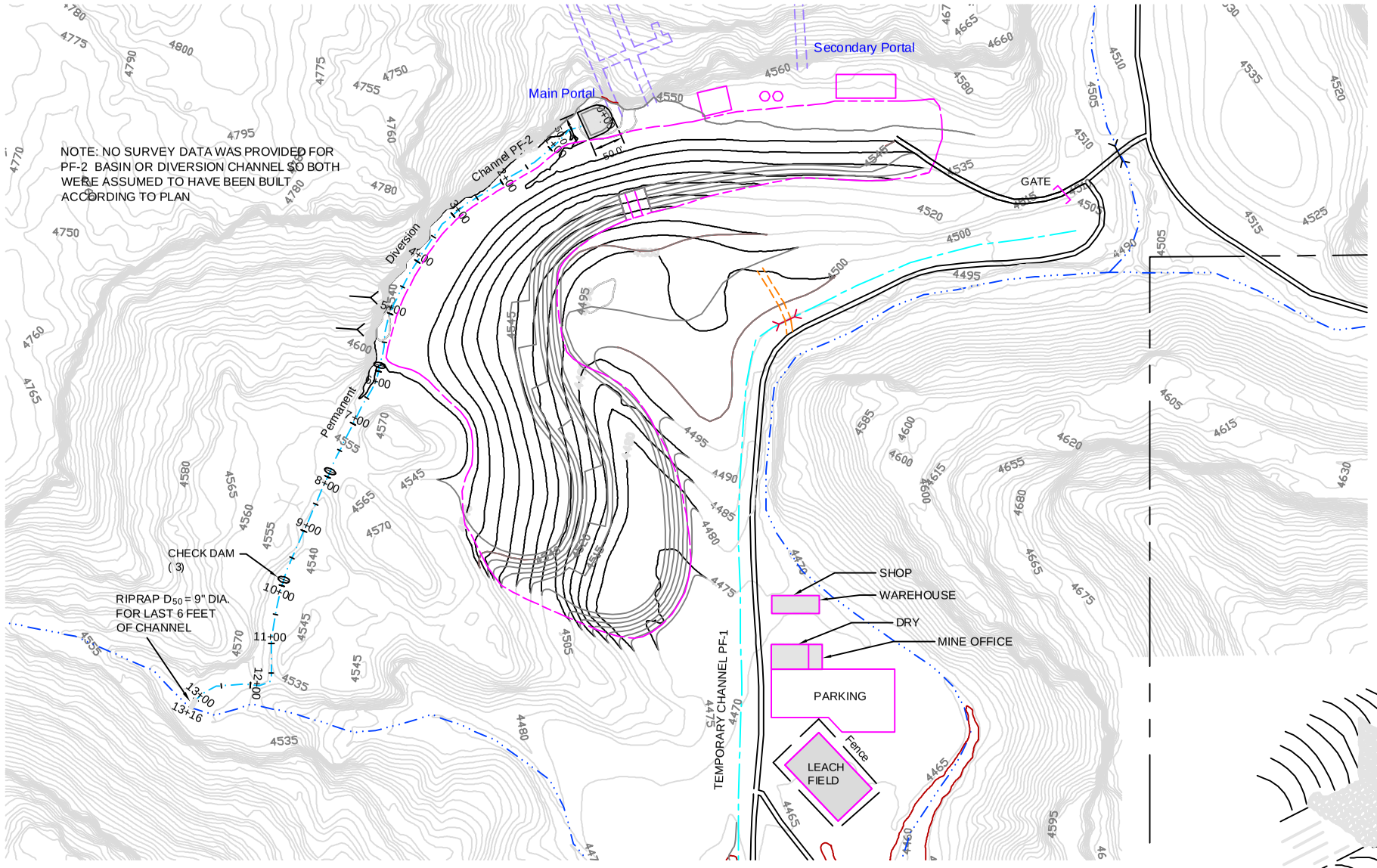
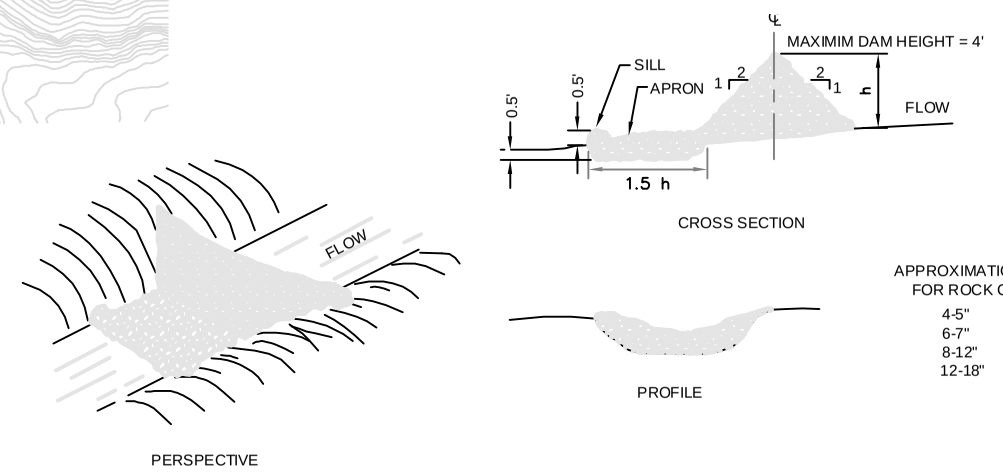


LEGEND

- MINE PERMIT BOUNDARY
- UNDERGROUND MINE WORKING
- EXISTING TOPOGRAPHIC CONTOUR
- PROPOSED TOPOGRAPHIC CONTOUR
- EXISTING CULVERT
- PROPOSED CULVERT
- EXISTING ROADS
- PROPOSED ROADS
- WASTE ROCK FACILITY AREA
- FENCE
- EXISTING DRAINAGES
- PROPOSED PERMANENT DIVERSION CHANNEL
- PROPOSED TEMPORARY CHANNEL
- EXISTING ADIT
- EXISTING SURFACE
- PROPOSED SURFACE
- CHECK DAM

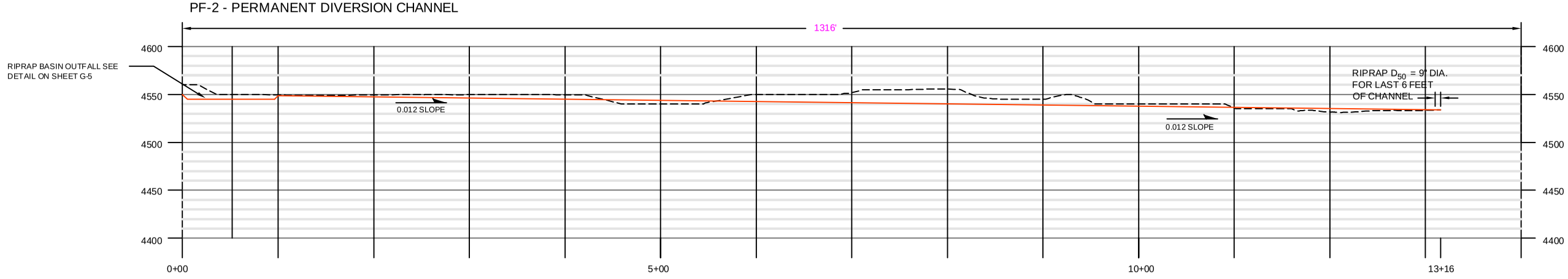


APPROXIMATION GRADATION FOR ROCK CHECK DAMS

4-5"	25%
6-7"	20%
8-12"	25%
12-18"	30%

TYPICAL LOOSE ROCK CHECK DAM

PF-2 - PERMANENT DIVERSION CHANNEL



PROFILE PF-2

60' 0 60' 120'
SCALE: 1" = 120'

NOTE: RIPRAP CHECK DAMS WILL BE PLACED IN CHANNEL EVERY 200 FEET. RIPRAP SHOULD BE D_{50} = 9".

NOT ISSUED FOR CONSTRUCTION

SYMBOL	DESCRIPTION	PREP.BY	DATE	APPROVED

REVISIONS

Tetra Tech Inc.

DESIGNED BY: WEW
DRAWN BY: DMF
CHECKED BY: MRR
RE-CHECKED BY:
APPROVED BY:
DATE: 02/28/2007

SIZE D
IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT
SCALE REDUCED ACCORDINGLY

Prepared for: DENISON MINES

TONY M MINE
PHASE 1 PROFILE OF PF-2 CHANNEL

Tony M Mine
Garfield County, Utah

EXHIBIT
G-4

L:\1030P4214000-TONY M MINE\PHASE 1\FILES FROM\EMI\04-10-08 EXHIBIT BASE FILES\ G-3-4_WRF Drainage Profile.dwg 06/18/2008 mike.schumacher DN