RE-DIG SUMP SOUTH OF FAILING HIGHWALL TOE
MINIMUM SUMP TOTAL CAPACITY = 1.5 AC-FT
@ 10' DEPTH. 1:1.4 INCISED SLOPES
& USING GRAVEL DIKE TO FILTER WATER
FROM EAST TO WEST.

UNDERGROUND MINE ACCESS ROAD

DITCH P10-R01
(Not Maintained)

DITCH P10-R02

ABANDON 36" CULVERT
P10-07 & DROP BOX THEN
EXTEND DITCH P10-F02
TO INTERSECT P10-R04

DITCH P15-R03
(Not Maintained)

DITCH P15-F02

RE-ROUTE LOWER
PORTION OF P10-R04
AROUND RE-DESIGNED
SUMP

SECTION CORNER
19-20-29-30

Note:
Ditch and Culvert sizing calculations
shown in Appendix 5-2.

LEGEND:
PERMIT BOUNDARY
PRIVATE COAL OWNERSHIP
SECTION LINE
EXISTING DRAINAGE PATH
PROPOSED DRAINAGE PATH
WATER SUPPLY
DESIGNED INTERMITTENT
SEEP LOCATION

DRAWN BY: K. NICHOLLS
CHECKED BY: LKU

DRAWING:
5 - 3C
DATE:
04/20/2016
SCALE:
1" = 60'

JOB NUMBER: 1400

REVISIONS
DATE: BY:
5/6/16 AC
6/29/16 AC
6/30/16 AC
4/12/17 AC
11/30/17 AC

UNDERGROUND FACILITIES & STRUCTURES

DESIGN LAYOUT
COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-3C