

THE TOTAL PATTERN AREA = 20 PATTERNS X 9025 SQ. FT. = 180,500 SQ. FT.

LONG TERM TOPSOIL STORAGE: 8,000 SQ. FT. (LIFE OF HEADER HOUSE)

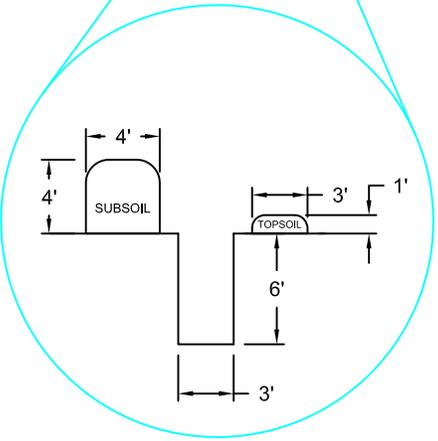
SECONDARY ROAD = 7,700 SQ. FT.
 HEADER HOUSE = 300 SQ. FT.

SHORT TERM TOPSOIL REMOVAL: 17,800 SQ. FT. (< 3 MONTHS)

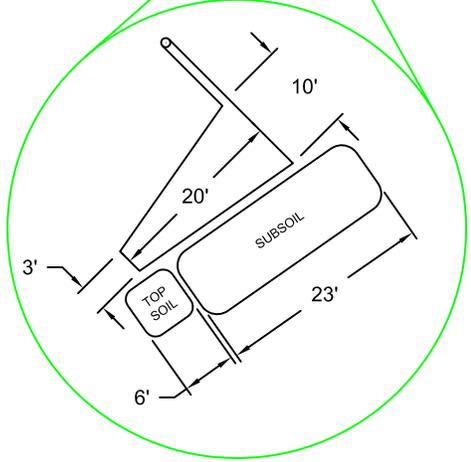
DRILL PITS = 51 PITS X 140 SQ. FT.
 = 7,140 SQ. FT.
 TRENCHES = 3,550 FT. X 3 FT. WIDE
 = 10,650 SQ. FT.

TOPSOIL DISTURBANCE (% PATTERN AREA):

LONG TERM DISTURBANCE = 4.4%
 SHORT TERM DISTURBANCE = 10%



TYPICAL TRENCH LAYOUT



TYPICAL DRILL PIT LAYOUT

-  PATTERN
-  SECONDARY ROAD (14' WIDE w/ 3' borrow)
-  TRENCH (3' WIDE)
-  HEADER HOUSE
-  TYPICAL DRILL PIT



Lost Creek ISR, LLC
 Littleton, Colorado USA

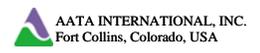


FIGURE OP-6b
Vegetation and Soil Impacts
Lost Creek Permit Area

Issued For: WDEQ-LQD 1.0 Drawn By: SMH

Issued / Revised: 1.4.2010

Dwg No. WDEQLQD1.0 FIG OP-6b 1.4.10 SMH

