

ESTIMATED EARTHWORK QUANTITIES (cy)

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	21780	20220	5880	-4320
PIT	6100			6100
ROAD	0	1700		-1700
TOTALS	27880	21920	5880	80

FINISH AGGREGATE VOLUMES
3" - 3/4" Aggregate: 1160 cy
7" - Crushed Shale: 2707 cy

***Notes**

- 1) Design Cut Slope: 1.5 : 1
Design Fill Slope: 2:1, Except as Noted.
- 2) Topsoil based on 12" Soil Depth.
- 3) 15% Swell Factor Applied to Earthwork Cut Volume.
- 4) Total Disturbance = 5.04 ac.

REVISED: 6/13/19

136 East Third Street
Rifle, Colorado 81650
Ph. (970) 625-2720
Fax (970) 625-2773



BOOKCLIFF
Survey Services, Inc.

SCALE: 1" = 80'
DATE: 5/23/19
PLAT: 2 of 8
PROJECT: TEP Valley
DFT: cs

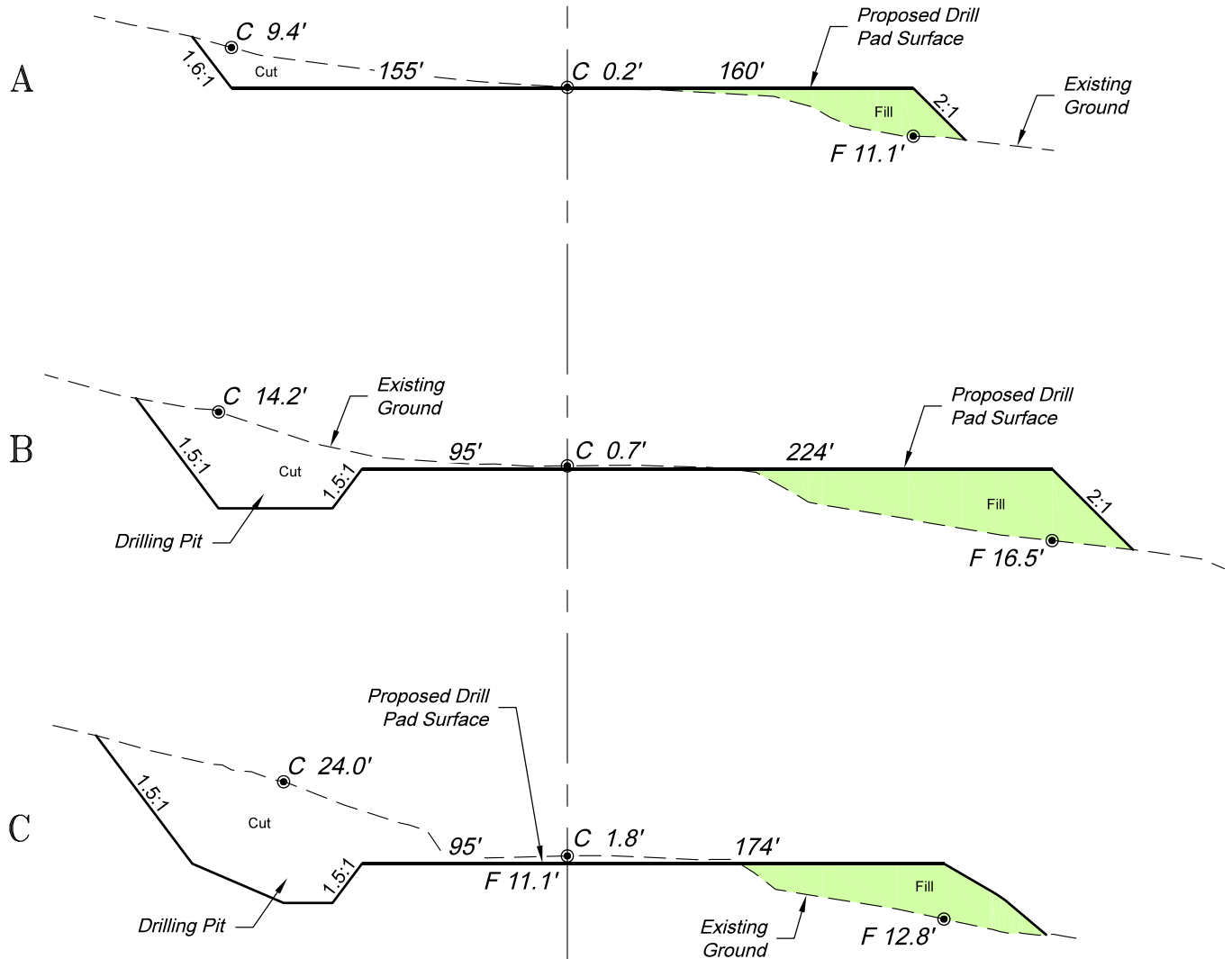
Construction Plan Prepared for:



TEP Rocky Mountain LLC

Federal Rulison #8 Drill Pad - Plat 2
CONSTRUCTION LAYOUT

WELLS



SCALE: Horiz.: 1" = 80'
Vert. : 1" = 20'

***NOTE :**
CUT SLOPES: 1.5:1
FILL SLOPES: 1.5:1,
UNLESS OTHERWISE NOTED.

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SCALE: 1" = 80'
DATE: 5/23/19
PLAT: 3 of 8
PROJECT: TEP Valley
DFT: cs

Construction Plan Prepared for:



TEP Rocky Mountain LLC

Federal Rulison #8 Drill Pad - Plat 3
CONSTRUCTION LAYOUT
CROSS SECTIONS