

ESTIMATED DIRT QUANTITIES				
ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	31262	29623	6442	<4803>
TRENCH	7447			7447
TOTALS	38709	29623	6442	2644

- NOTES:
- 1) TOPSOIL VOLUME BASED ON 12" TOPSOIL DEPTH.
 - 2) 1.5:1 SIDESLOPES UNLESS OTHERWISE NOTED
 - 3) CONTOUR INTERVAL IS 2 FEET
 - 4) CUTTINGS TRENCH VOLUME BASED ON 0.5:1 SIDESLOPES AND 2' OF FREEBOARD
 - 5) SPACING BETWEEN WELLS IS 10' FOR COLUMNS, 16' FOR ROWS



ECLIPSE
surveying

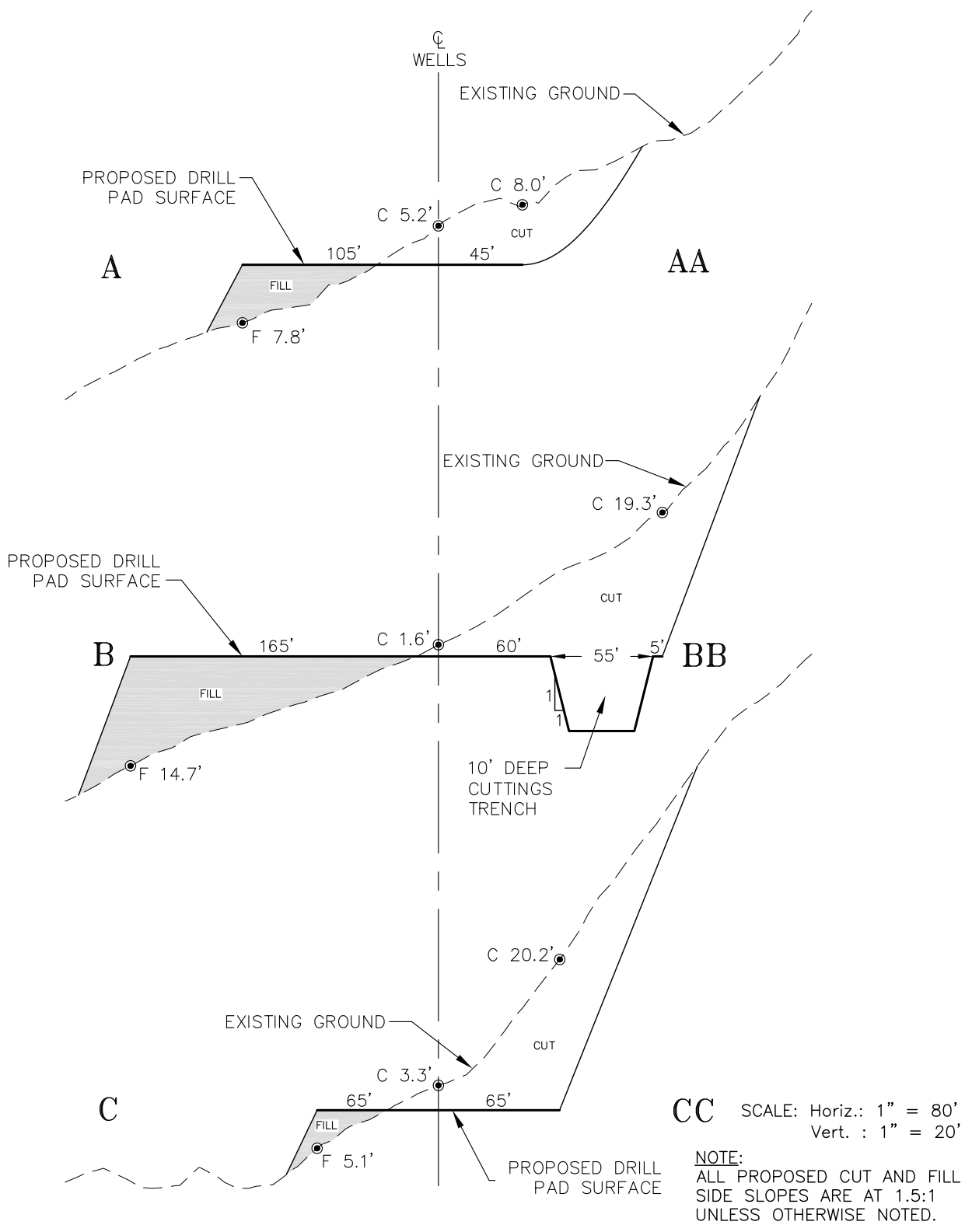
111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

REV. DATE: 2/1/11
SCALE: 1" = 100'
DATE: 11/16/10
SHEET: 1 OF 7
PROJECT: MDP-21
DFT: TAB



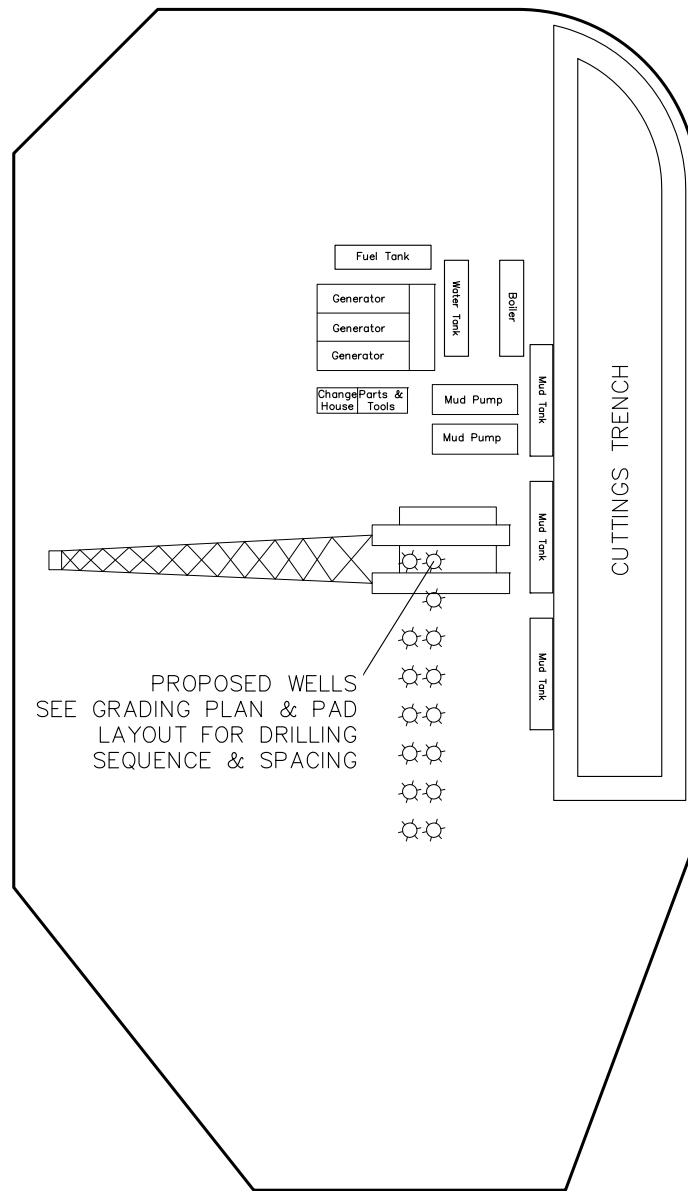
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MDP 21
GRADING PLAN & PAD LAYOUT



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

NOTE:
 ALL PROPOSED CUT AND FILL
 SIDE SLOPES ARE AT 1.5:1
 UNLESS OTHERWISE NOTED.



PROPOSED WELLS
SEE GRADING PLAN & PAD
LAYOUT FOR DRILLING
SEQUENCE & SPACING

ACCESS



ECLIPSE
surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
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REV. DATE: _____
SCALE: 1" = 80'
DATE: 11/16/10
SHEET: 3 OF 7
PROJECT: MDP-21
DFT: TAB

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MDP 21
DRILL RIG LAYOUT