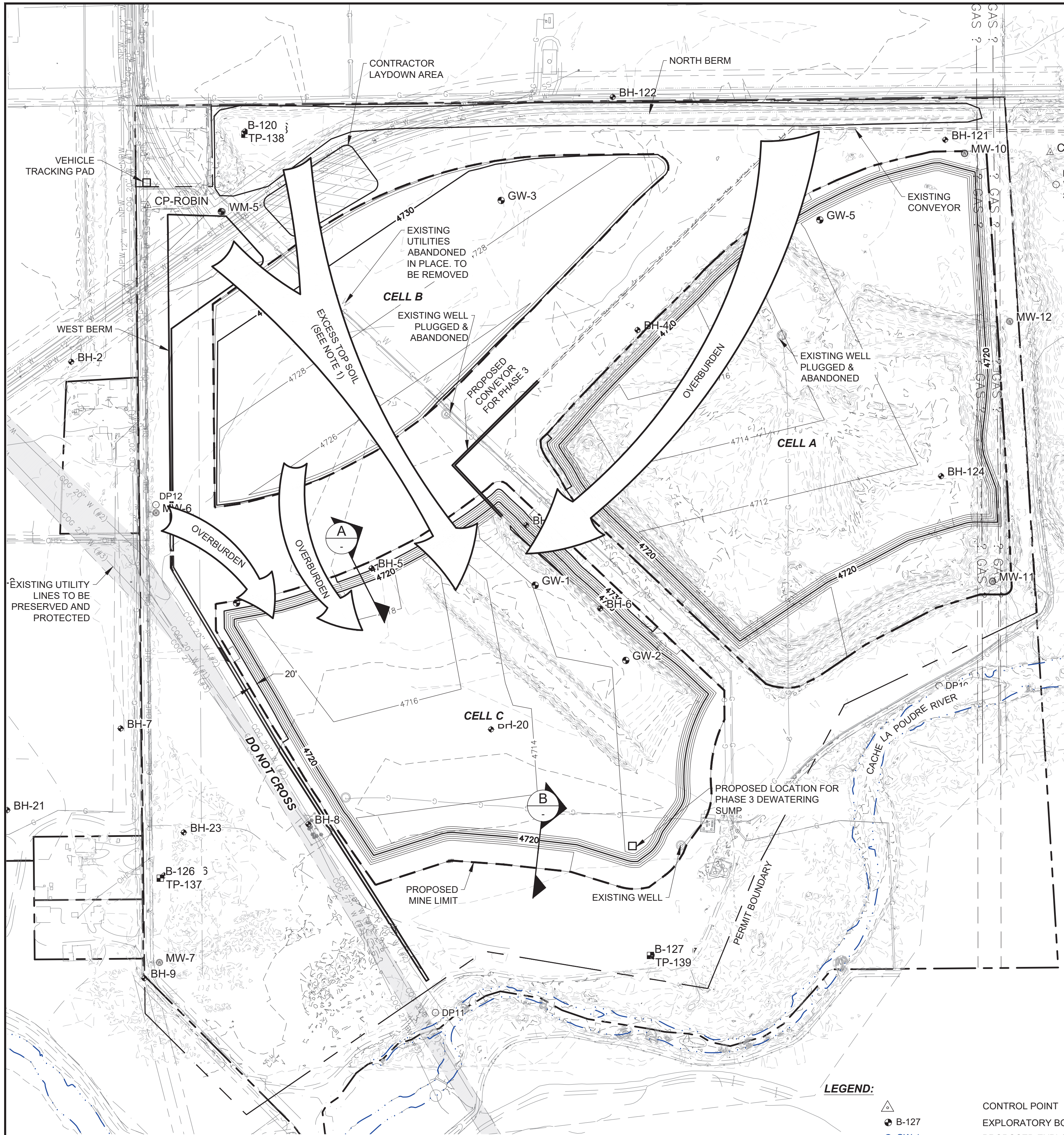
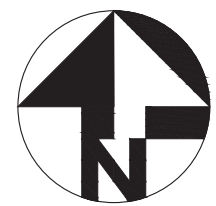


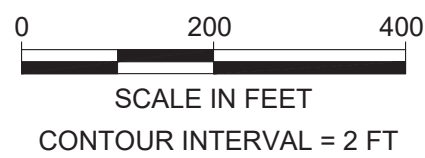
O:\LONGMONT\PROJECT\DATA\30494 MARTIN MARIETTA\0494.020 GREAT WESTERN MINE\08-CAD\04-CONTRACT_DWG\GWP_GP.DWG



- NOTES:**
- ANY EXCESS STOCKPILED TOPSOIL THAT IS NOT NEEDED FOR SPREADING SHALL BE USED AS SLOPE LINER MATERIAL.
 - STOCKPILED TOPSOIL THAT CONTAINS VEGETATION MATERIAL SHALL NOT BE USED AS SLOPE LINER MATERIAL OR TOPSOIL SPREADING MATERIAL.
 - BEDROCK MATERIAL FROM FOUNDATION AND KEY EXCAVATION IS NOT LISTED BUT SHALL BE USED AS SLOPE LINER FILL.

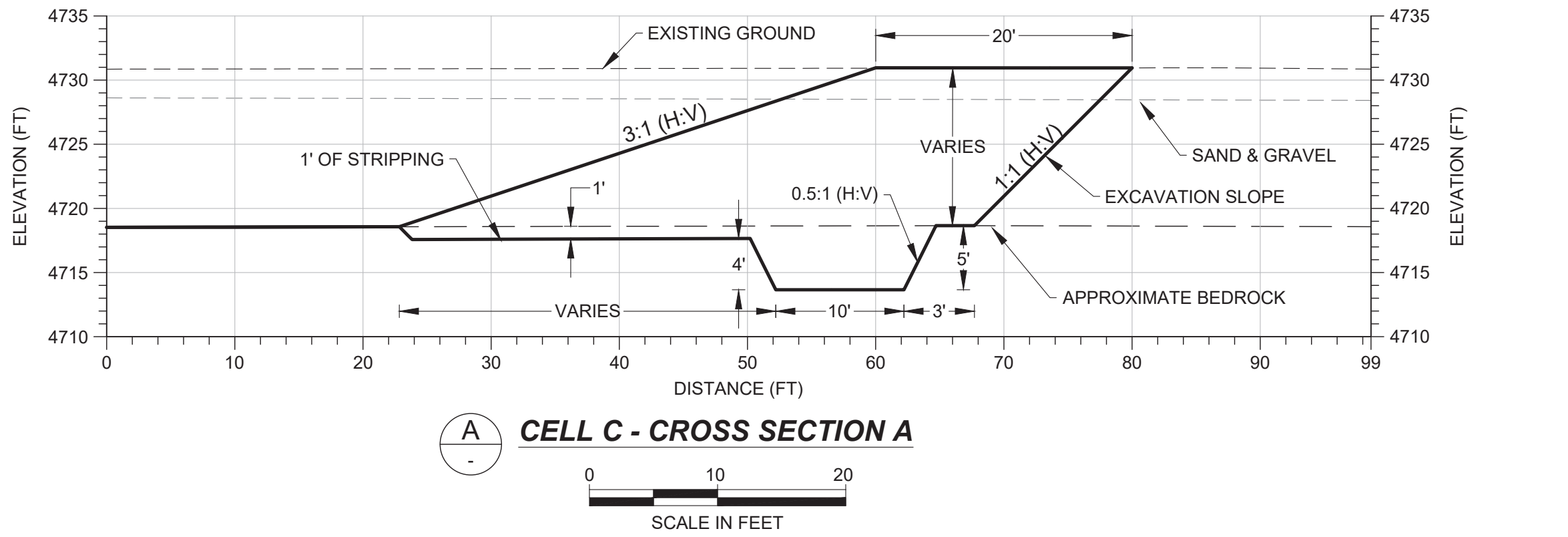


PHASE 3 PLAN

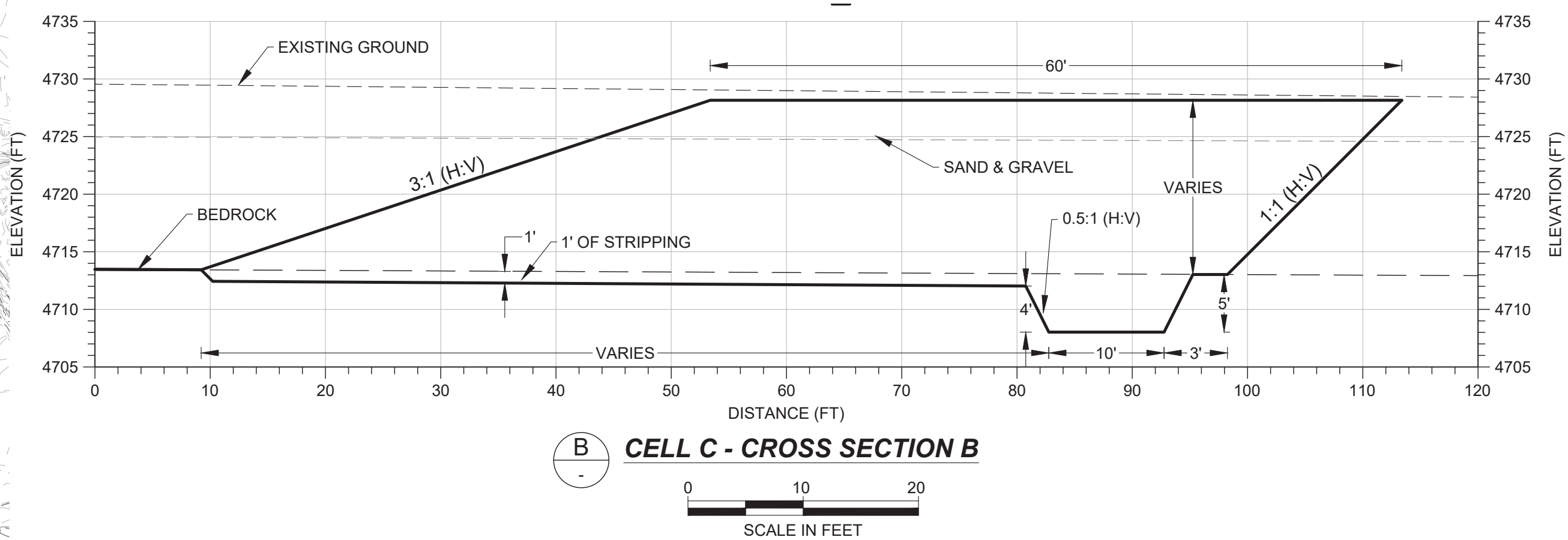


LEGEND:

- △ CONTROL POINT
- B-127 EXPLORATORY BORING
- GW-1 PROPOSED EXPLORATION BORINGS
- TP-139 TEST PIT
- - - - -5090- EXISTING MAJOR CONTOURS
- - - - - EXISTING MINOR CONTOURS
- ===== SLOPE LINER CELL LIMITS
- == ACCESS ROAD
- - - - - EASEMENT
- WOG 27" W (#3) EXISTING WATERLINES
- OHE EXISTING BURIED GAS
- x - x - EXISTING FENCE
- - - - - EDGE OF WATER
- - - - - EDGE OF PROPOSED CELLS
- ===== EDGE OF PROPOSED CELLS



CELL C - CROSS SECTION A



CELL C - CROSS SECTION B

AREA CAPACITY TABLE FOR CELL C

ELEVATION (FT)	AREA (AC)	CAPACITY (AF)
4710	0.02	0.00
4711	0.71	0.37
4712	4.05	2.75
4713	6.64	8.09
4714	9.95	16.39
4715	13.69	28.21
4716	16.93	43.52
4717	19.65	61.81
4718	21.31	82.29
4719	21.94	103.91
4720	22.21	125.99
4721	22.49	148.34
4722	22.77	170.96
4723	23.04	193.87
4724	23.32	217.05
4725	23.60	240.52
4726	23.89	264.26

ESTIMATED AVAILABLE MATERIAL FOR PHASE 3

EXCESS OVERBURDEN MATERIAL FROM CELL B (MOVED DURING PHASE 2)	77,800 CY
OVERBURDEN FROM NORTH BERM	11,000 CY
OVERBURDEN FROM WEST BERM	11,900 CY
OVERBURDEN FROM AROUND CELL A	6,430 CY
EXCESS STOCKPILED TOPSOIL (SEE NOTE 1)	21,200 CY
MATERIAL NEEDED FOR SLOPE LINER AT CELL C	141,400 CY
TOPSOIL VOLUME NEEDED FOR SPREADING	26,720 CY

WINDSOR EAST MINE M-2022-042

RECLAMATION PROJECT

PHASE 3



PROJECT: DA494020.000

DATE: 5/16/2024

SHEET
10 OF 10

CHECKED BY: SKR
DRAWN BY: ITR
DESIGNED BY: QUG

SUSAN A. RAINEY

DATE: _____
STATE PROFESSIONAL ENGINEER NO. XXXXX



600 SOUTH AIRPORT ROAD, BUILDING A, SUITE 205
LONGMONT, CO 80501
PHONE: 303.651.1468
schnabel-eng.com

5/16/2024

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DESCRIPTION

BY

DATE

STATE PROFESSIONAL ENGINEER NO. XXXXX

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