



TOPSOIL PROTECTION PLAN

Oil and Gas Development Plan Blehm 18-I Pad, Docket #210300017

Blehm 18-I Pad: Lot 3 Section 18, Township 7 North, Range 66 West

Form 2A Doc #402580742

Weld County, Colorado

Per Rule, 1001.a, Bayswater will ensure the protection of segregated topsoil and will return the land surface as nearly as practical to its condition at the commencement of drilling operations. Within three months following subsequent drilling operations, the total footprint of Blehm 18-I Pad disturbed area will be reduced from approximately 11.70 acres to 9.20 acres.

Per Rule 1002.a, the drill site will be delineated by a perimeter stormwater ditch and berm BMP structure. The ditch and berm will be installed to specifications detailed in Bayswater's Stormwater Management Plan and in conjunction topsoil removal and segregation. The drill site is located within non-irrigated cropland and the surface owner has not requested that fencing or any other barrier, other than the ditch and berm BMP, be utilized to delineate the disturbed area.

There is no livestock present in the immediate area and no reserve pits will be utilized during drilling or production operations.

Per Rule, 1002.b and 1002.c, soil horizons will be removed and stored separately for use during future interim and final reclamation. Soil horizons will be segregated based on physical characteristics observed during topsoil removal. All stockpiled soils shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Topsoil stockpiles will be located along the North side of the proposed Oil and Gas Location as shown on the Facility Layout Drawings. The maximum height of topsoil stockpiles will be 10 feet.

Typical erosion control practices include, but are not limited to, revegetation of disturbed areas, mulching, berms, diversion dikes, surface roughening, slope drains, check dams, and other comparable measures.

Operator will stabilize the topsoil stockpiles utilizing vehicle tracking perpendicular to slope angle for short term stabilization and drill seed/crimped straw mulch application for longer term stabilization will be utilized to prevent erosion.

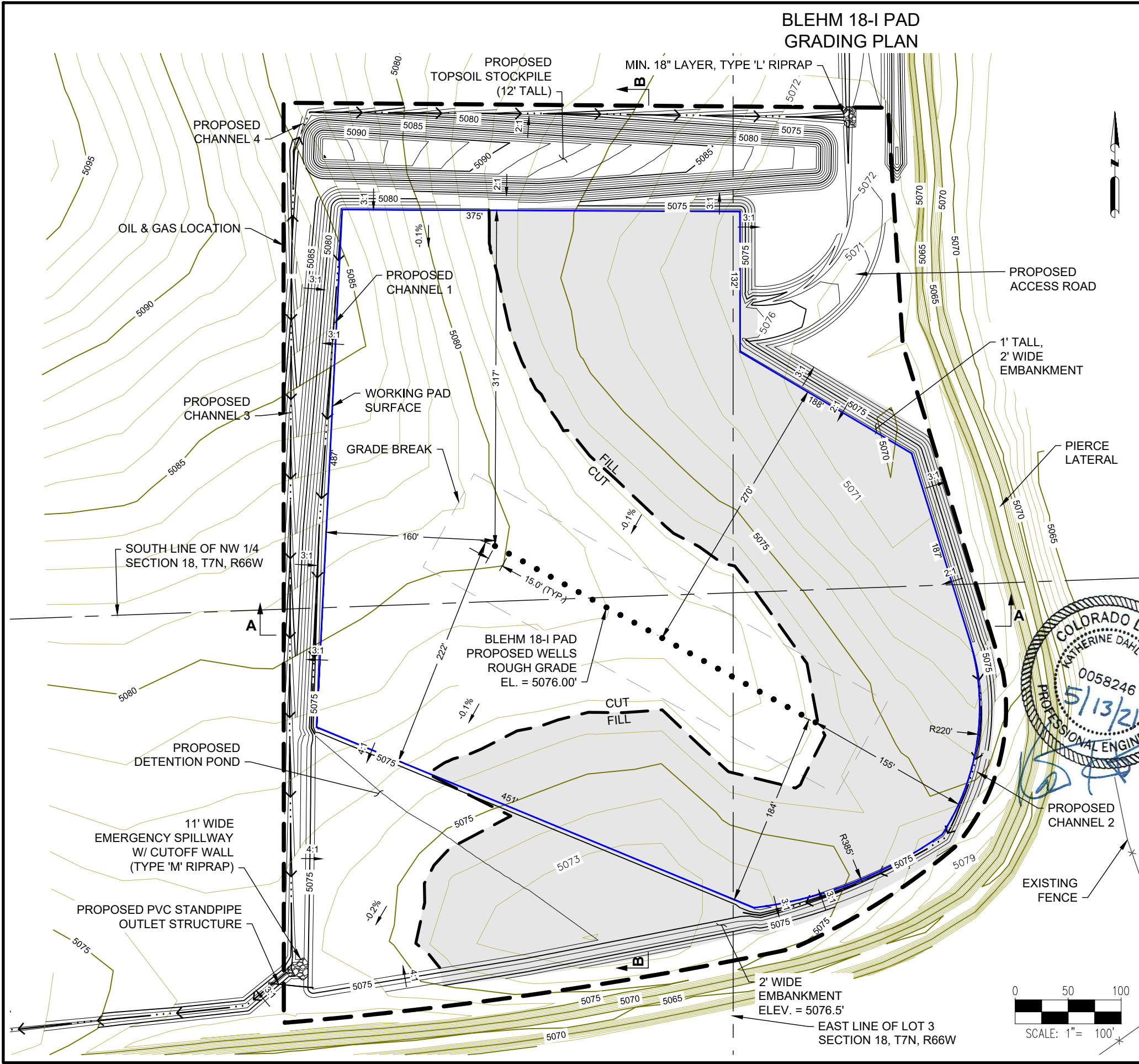
An integrated weed management program which includes mowing, spraying, and routine inspections will be utilized to prevent weed establishment.

Establishment of diverse population of native plant species through seeding, as well as application of site-specific soil amendments (if necessary) will be utilized to maintain soil microbial activity.



BAYSWATER
EXPLORATION & PRODUCTION, LLC

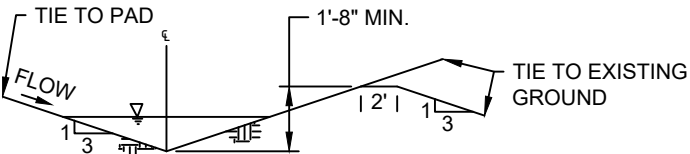
Topsoil depth inventories will be conducted in accordance with CDOT Topsoil Testing Procedures at areas determined by the person conducting the inventory. Inventories will be taken after issuance of the 2A and prior to construction and as part of the pad work. We will conduct a topsoil depth inventory at 4-5 locations within the Disturbed Area to include all four corners and the center. Using a clean rust-free spade or shovel, dig a pit. The sides of the pit should be straight down and not cut at an angle. Overall pit depth is based on the visual indicators of topsoil layer but should range between 6" to 12" in depth.



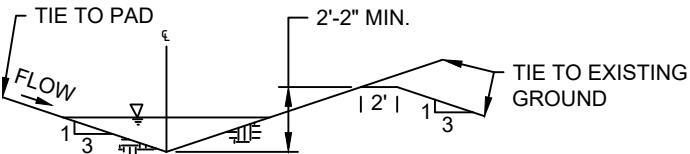
BLEHM 18-I PAD
GRADING PLAN

SITE QUANTITIES

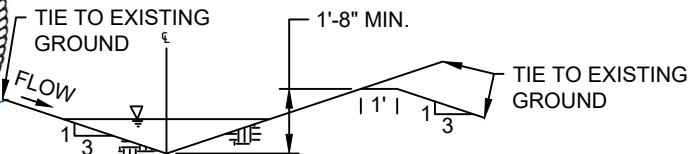
FINISHED GRADE ELEVATION	5076.5' - 5077.2'
ROUGH GRADE ELEVATION	5076.0' - 5076.7'
TOTAL CUT FOR SITE (BANK)	20,108 CY
TOTAL FILL FOR SITE	20,042 CY
NET EXCESS MATERIAL (BANK)	66 CY
TOPSOIL	8,308 CY
TOTAL DISTURBANCE AREA	11.7 ACRES



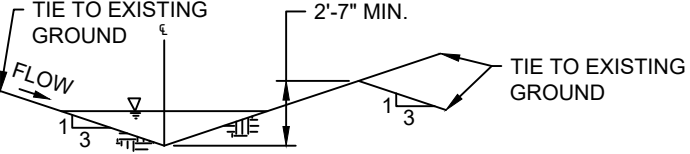
CHANNEL 1 TYPICAL DETAIL
N.T.S.



CHANNEL 2 TYPICAL DETAIL
N.T.S.



CHANNEL 3 TYPICAL DETAIL
N.T.S.



CHANNEL 4 TYPICAL DETAIL
N.T.S.

DISCLAIMER:
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY
AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES,
PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL
LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE
BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN
INDEPENDENTLY VERIFIED.



Ascent Geomatics Solutions
8620 Wolff Court
Westminster, CO 80031
(303) 928-7128

PREPARED FOR:
BAYSWATER
EXPLORATION & PRODUCTION, LLC

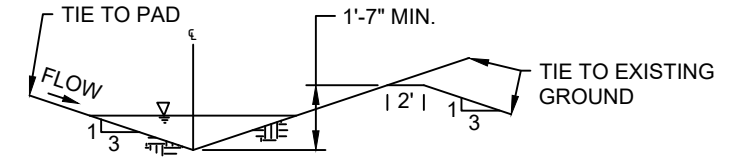
Bayswater Exploration &
Production, LLC
730 17th St, Suite 500
Denver, CO 80202
(303) 893-2503

SHEET NAME:
PAD LAYOUT
SURFACE LOCATION
BLEHM 18-I PAD
LOT 3 SECTION 18,
T7N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

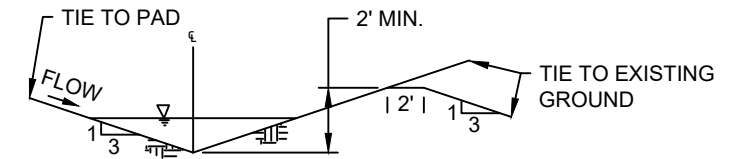
REV.	DATE	REVISION DESCRIPTION	INT.
0	02/09/21	ISSUED FOR CONSTRUCTION RMC	
1	5/14/21	ISSUED FOR CONSTRUCTION RMC	

FIELD DATE:
02-24-2020
DRAWING DATE:
02-09-2021
DRAFTED BY:
RMC
SHEET NO.
03 OF 15

TOTAL CUT FOR SITE (BANK)	3,453 CY
TOTAL FILL FOR SITE	3,410 CY
NET EXCESS MATERIAL (BANK)	43 CY
TOPSOIL TO BE REPLACED	1,694 CY
EXCESS TOPSOIL REMAINING	6,614 CY
TOTAL RECLAIMED AREA	2.5 AC
PERMANENT DISTURBANCE AREA	9.2 AC



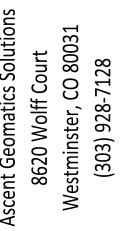
CHANNEL 5 TYPICAL DETAIL
N.T.S.



CHANNEL 6 TYPICAL DETAIL
N.T.S.



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PREPARED FOR:



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730 17th St, Suite 500
Denver, CO 80202
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RECLAMATION LAYOUT

**BLEHM 18-I PAD
LOT 3 SECTION 18,
T7N, R66W, 6TH P.M.
WELD COUNTY, COLORADO**

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