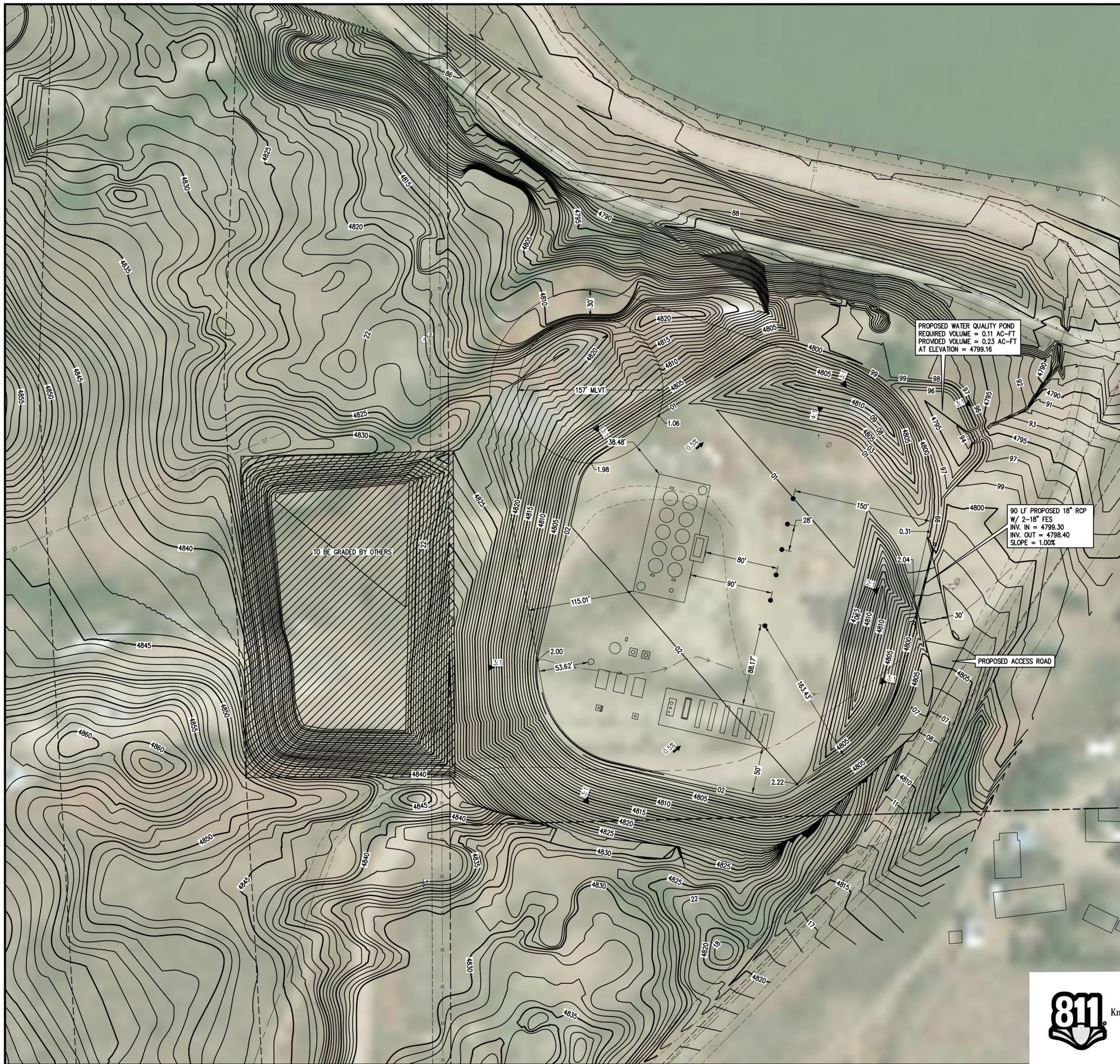


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**LEGEND**

EXISTING LINETYPES	PROPOSED LINETYPES	
---	---	LOT LINE
---	---	SECTION LINE
---	---	MINOR CONTOUR (1' INTERVAL)
---	---	MAJOR CONTOUR (5' INTERVAL)
---	---	EASEMENT
---	---	EDGE OF GRAVEL
---	---	EDGE OF CONCRETE
---	---	CENTERLINE OF ROAD
---	---	FENCE
---	---	WATER LINE
---	---	WATER SURFACE
---	---	DITCH FLOWLINE
---	---	STORM SEWER

**EXISTING SYMBOLS**      **PROPOSED SYMBOLS**

25.44	25.36	SPOT ELEVATION
3:1	3:1	NOMINAL SLOPE ON CUT OR FILL
→	→	FLOW DIRECTION, %
▽	▽	CONCRETE FLARED END SECTION
▨	▨	RECYCLED ASPHALT ACCESS ROAD
▩	▩	EXISTING GRAVEL ROAD
⊙	⊙	POWER POLE
+	+	SIGN

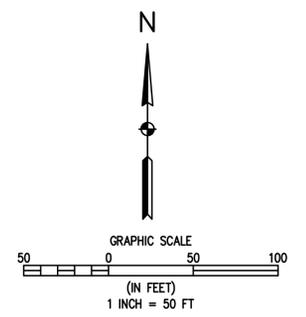
**PROJECT CONTACTS:**

**CIVIL ENGINEER:**  
 BASELINE ENGINEERING  
 AARON DEMO, PLS  
 (970) 383-7600  
 AARON@BASELINECORP.COM

**CLIENT:**  
 EXTRACTION OIL & GAS  
 BLANE THINGELSTAD  
 (720) 557-8308  
 EMATHEWS@EXTRACTIONOG.COM

**NOTES:**

1. THE APPLICANT SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE COLORADO OIL AND GAS CONSERVATION COMMISSION (COGCC).
2. THE APPLICANT SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE).
3. THE APPLICANT SHALL MAINTAIN ON-GOING COMPLIANCE WITH ALL CONDITIONS OF THE TOWN AND WINDSOR-SEVERANCE FIRE RESCUE.
4. THE FACILITIES SHALL BE KEPT CLEAN AND OTHERWISE PROPERLY MAINTAINED AT ALL TIMES.
5. IF ACCESS TO THE SITE IS PROPOSED FROM A TOWN OF WINDSOR STREET, SUCH ACCESS POINT(S) SHALL REQUIRE APPROVAL FROM THE TOWN OF WINDSOR ENGINEERING DEPARTMENT AND ANY REQUIRED ACCESS IMPROVEMENTS, STREET CLEAN-UP, TRACKING PADS, ETC., SHALL BE ADDRESSED ACCORDINGLY.



1 DRILLING AND SITE IMPROVEMENTS PLAN/SITE PLAN  
 C3/C3



**TOWN OF WINDSOR, COLORADO**  
**DRAWING APPROVAL**

FOR AND ON BEHALF OF  
 BASELINE CORPORATION

INITIAL SUBMITTAL: XX/XX/XX  
 DRAWING SIZE: 24" X 36"  
 SURVEY FIRM: BASELINE  
 SURVEY DATE: XX/XX/XX  
 JOB NO.: EXT06N67W30-02  
 DRAWING NAME: MERLIN Plans.dwg  
 SHEET 3 OF 5

Town Engineer \_\_\_\_\_ Date \_\_\_\_\_

**BASELINE**  
 Engineering - Planning - Surveying  
 4007 S. LINCOLN AVENUE, SUITE 405 • LOVELAND, COLORADO 80537  
 P. 970.383.7600 • F. 866.679.6864 • www.baselinecorp.com

DESIGNED BY: AAD  
 DRAWN BY: LDS  
 CHECKED BY: AAD

DATE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_

REVISION DESCRIPTION: \_\_\_\_\_

WELD COUNTY

**EXTRACTION OIL & GAS, LLC**

MERLIN

SECTION 30, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M.

DRILLING AND SITE IMPROVEMENTS PLAN/SITE PLAN

PREPARED UNDER THE DIRECT SUPERVISION OF

**PRELIMINARY NOT FOR CONSTRUCTION**

C3

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**LEGEND**

EXISTING LINETYPES	PROPOSED LINETYPES	
---	---	LOT LINE
---	---	SECTION LINE
---81---	---81---	MINOR CONTOUR (1' INTERVAL)
---5280---	---5280---	MAJOR CONTOUR (5' INTERVAL)
---	---	EASEMENT
---	---	EDGE OF GRAVEL
---	---	EDGE OF CONCRETE
---	---	CENTERLINE OF ROAD
---	---	FENCE
---	---	WATER LINE
---	---	WATER SURFACE
---	---	DITCH FLOWLINE
---	---	STORM SEWER

EXISTING SYMBOLS	PROPOSED SYMBOLS	
25.44	25.36	SPOT ELEVATION
3:1	3:1	NOMINAL SLOPE ON CUT OR FILL
→	→	FLOW DIRECTION, %
▽	▽	CONCRETE FLARED END SECTION
▨	▨	RECYCLED ASPHALT ACCESS ROAD
▩	▩	EXISTING GRAVEL ROAD
⊗	⊗	POWER POLE
+	+	SIGN

**SITE EARTHWORK QUANTITIES**

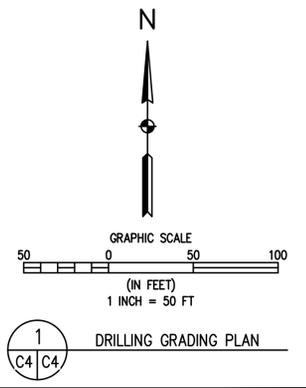
NE CRN FINISHED PAD DIRT ELEVATION	4799.92
SW CRN FINISHED PAD DIRT ELEVATION	4802.36
TOTAL CUT	101,828 CY
TOTAL FILL	145 CY
10% FILL FACTOR	14 CY
ADJUSTED TOTAL FILL	159 CY
NET MATERIAL	101,669 CY (CUT)

**PRODUCTION PAD PLATING QUANTITIES**

NE CRN PAD PLATING ELEVATION	4800.25
SW CRN PAD PLATING ELEVATION	4802.69
TOTAL PLATING AREA	197,471 SF
PLATING DEPTH FOR QUANTITIES	6 IN (COMPACTED TO 4")
TOTAL PLATING MATERIAL	3,657 CY

**ADDED BMP QUANTITIES QUANTITIES**

TOTAL CUT	1,830 CY
TOTAL FILL	1,061 CY
10% FILL FACTOR	106 CY
ADJUSTED TOTAL FILL	1,167 CY
NET MATERIAL	663 CY (CUT)



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P. 970.533.7600 • F. 970.533.7600 • www.baselinecorp.com

DESIGNED BY	DATE	PREPARED BY	REVISION DESCRIPTION
AAD			
LDS			
AAD			

**EXTRACTION OIL & GAS, LLC**  
WELD COUNTY  
MERLIN  
SECTION 30, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M.  
DRILLING GRADING PLAN

FOR AND ON BEHALF OF  
BASELINE CORPORATION  
PRELIMINARY  
NOT FOR  
CONSTRUCTION

INITIAL SUBMITTAL	XX/XX/XX
DRAWING SIZE	24" X 36"
SURVEY FIRM	SURVEY DATE
BASELINE	XX/XX/XX
JOB NO.	EXT06N67W30-02
DRAWING NAME	MERLIN Plans.dwg
SHEET	4 OF 5

C4

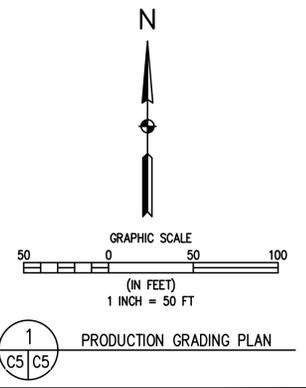
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**LEGEND**

EXISTING LINETYPES	PROPOSED LINETYPES	
---	---	LOT LINE
---	---	SECTION LINE
81	81	MINOR CONTOUR (1' INTERVAL)
5280	5280	MAJOR CONTOUR (5' INTERVAL)
---	---	EASEMENT
---	---	EDGE OF GRAVEL
---	---	EDGE OF CONCRETE
---	---	CENTERLINE OF ROAD
x x x x	x x x x	FENCE
W	W	WATER LINE
---	---	WATER SURFACE
---	---	DITCH FLOWLINE
ST	ST	STORM SEWER

EXISTING SYMBOLS	PROPOSED SYMBOLS	
25.54	25.36	SPOT ELEVATION
3:1	3:1	NOMINAL SLOPE ON CUT OR FILL
→	→	FLOW DIRECTION, %
▽	▽	CONCRETE FLARED END SECTION
▨	▨	RECYCLED ASPHALT ACCESS ROAD
▨	▨	EXISTING GRAVEL ROAD
⊗	⊗	POWER POLE
+	+	SIGN



**BASELINE**  
Engineering - Planning - Surveying  
4007 S. LINCOLN AVENUE, SUITE 405 • LOVELAND, COLORADO 80537  
P. 970.333.7600 • F. 970.333.7600 • www.baselinecorp.com

DESIGNED BY	DATE	REVISION DESCRIPTION	PREPARED BY
AAD			
DRAWN BY			
LDS			
CHECKED BY			
AAD			

**EXTRACTION OIL & GAS, LLC**  
WELD COUNTY  
MERLIN  
SECTION 30, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M.  
PRODUCTION GRADING PLAN

FOR AND ON BEHALF OF  
BASELINE CORPORATION  
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JOB NO.	EXT06N67W30-02
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MERLIN Plans.dwg	
SHEET	5 OF 5

1  
C5 C5 PRODUCTION GRADING PLAN