



NOTES:

- Elevation of pad shown on plans are to constructed pad without final gravel padding placement. Depth, volume, and padding material to be determined by operator.
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WILLIAM H. SMITH & ASSOCIATES P.C.
SURVEYING CONSULTANTS
350 EAST SECOND NORTH
GREEN RIVER, WY 82901
PHONE: 307-875-3638
307-875-3639
www.whsmithpc.com

| CONSTRUCTION DATA | |
|-------------------|-----------------|
| CUT SLOPE: | 3:1 |
| FILL SLOPE: | 3:1 |
| TOTAL CUT: | 11,009 CU. YDS. |
| TOTAL FILL: | 6,779 CU. YDS. |
| TOP SOIL AT 6" | 3,289 CU. YDS. |
| SPOIL: | 941 CU. YDS. |
| DISTURBED AREA: | 177,611 SQ. FT. |
| DISTURBED AREA: | 4.08 ACRES |

LOCATION:
FRENCH LAKE
3-63-14-3H
WITHIN THE SW/4
SE/4, SECTION 14,
T 3 N, R 63 W,
6TH PM.
WELD COUNTY,
COLORADO

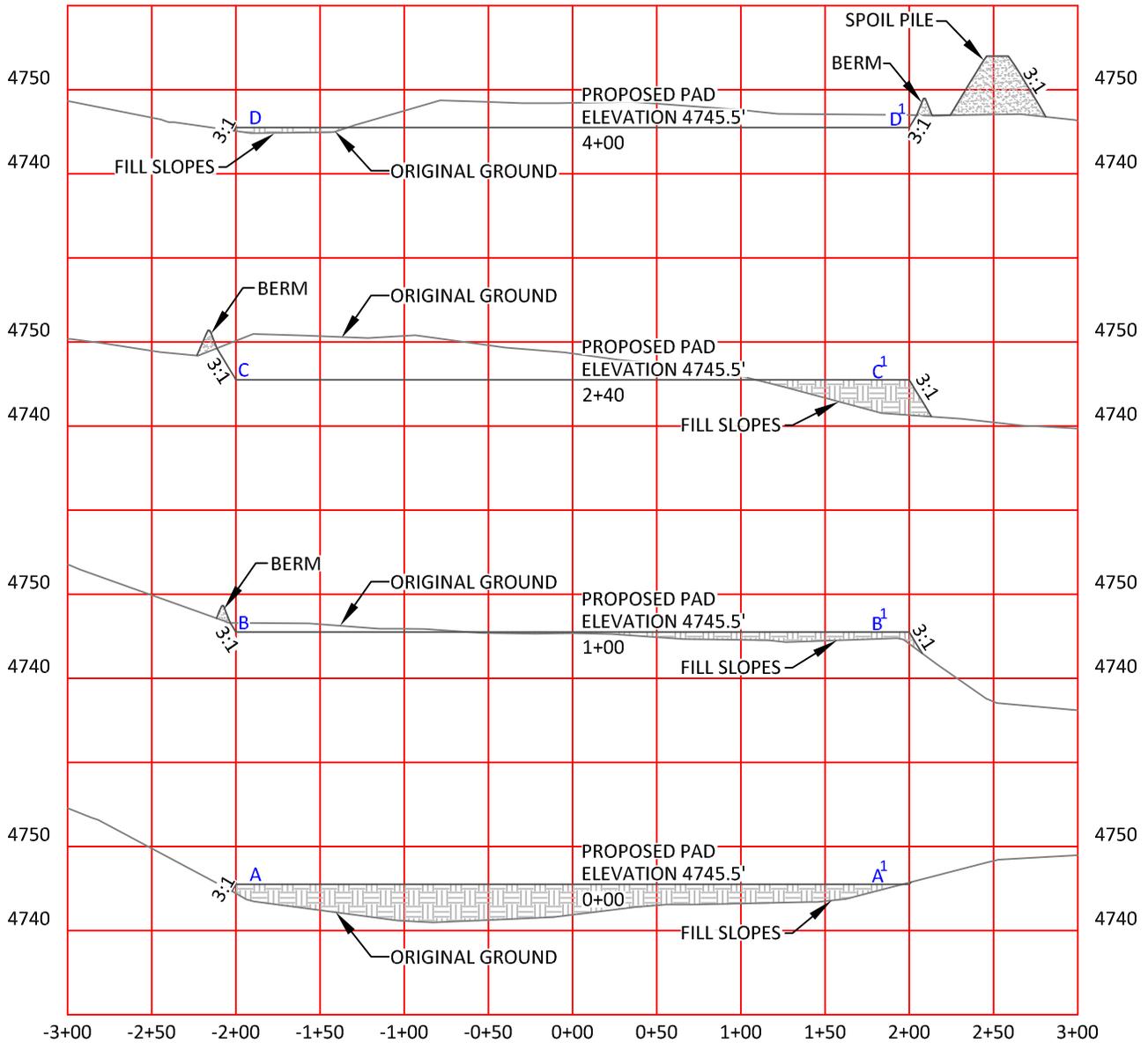
MARATHON OIL COMPANY
PO BOX 3128, HOUSTON TX, 77253
5555 SAN FELIPE, HOUSTON TX, 77056

CONSTRUCTION LAYOUT

| | |
|----------------|---------------|
| 455' FSL | 2162' FEL |
| SCALE: 1"=100' | EXHIBIT "I" |
| DATE: 2/8/2012 | SHEET 8 OF 14 |

DRAWN BY: BW
PROJECT NO: 363143H
REVISIONS:

CHECKED BY: RAW
JOB NO: 2011001



HORIZONTAL SCALE: 1"=100' - VERTICAL SCALE: 1"=20'

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GREEN RIVER, WY 307-875-3639
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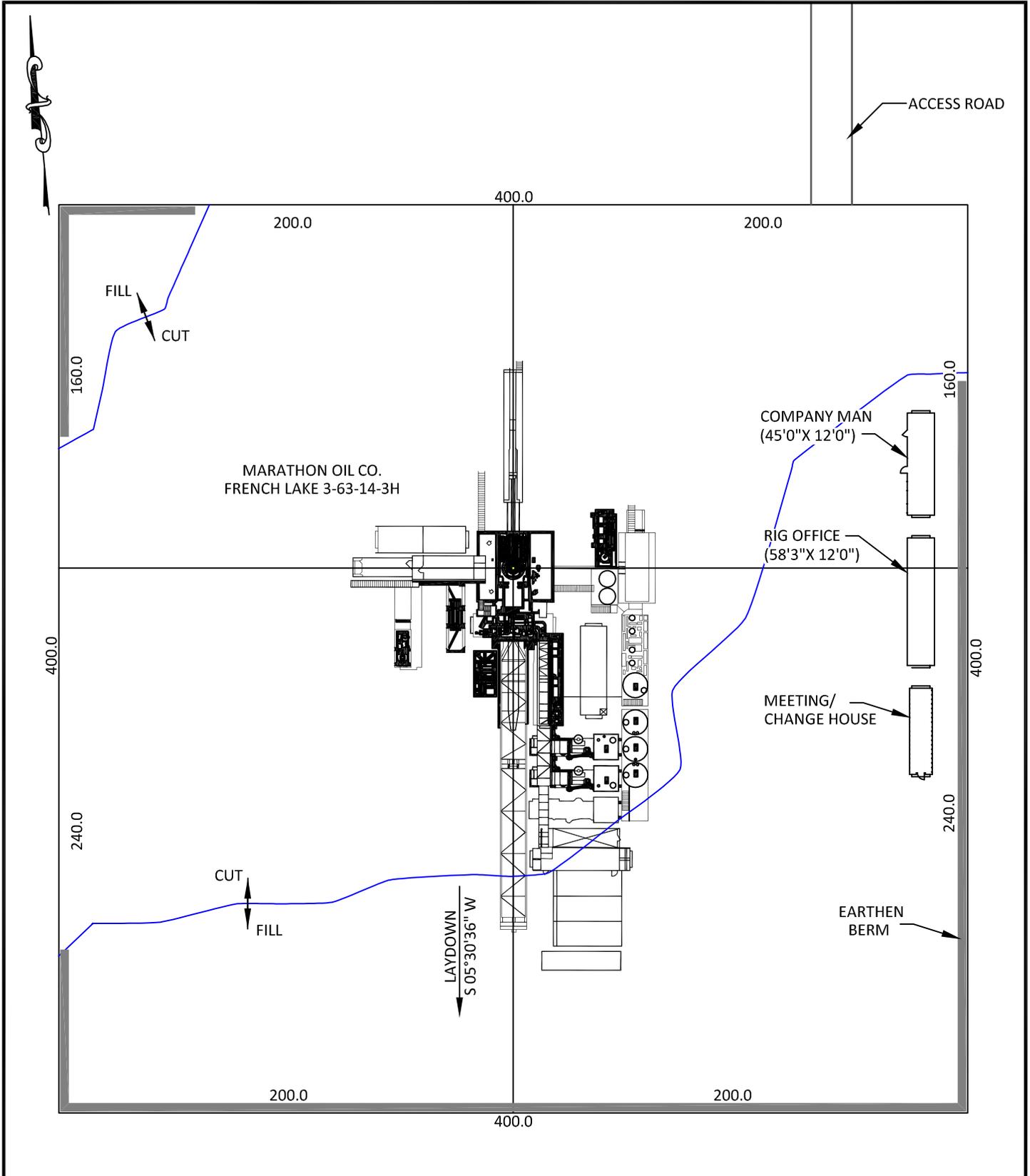
LOCATION:

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3-63-14-3H
WITHIN THE SW/4
SE/4, SECTION 14,
T 3 N, R 63 W,
6TH PM.
WELD COUNTY,
COLORADO

MARATHON OIL COMPANY
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**CONSTRUCTION LAYOUT
CROSS SECTIONS**

| | |
|-----------------|---------------|
| SCALE: AS NOTED | EXHIBIT "J" |
| DATE: 2/8/2012 | SHEET 9 OF 14 |



**WILLIAM H. SMITH
& ASSOCIATES P.C.**

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| | |
|---------------------|-----------------|
| DRAWN BY: BW | CHECKED BY: RAW |
| PROJECT NO: 363143H | JOB NO: 2011001 |
| REVISIONS: | |

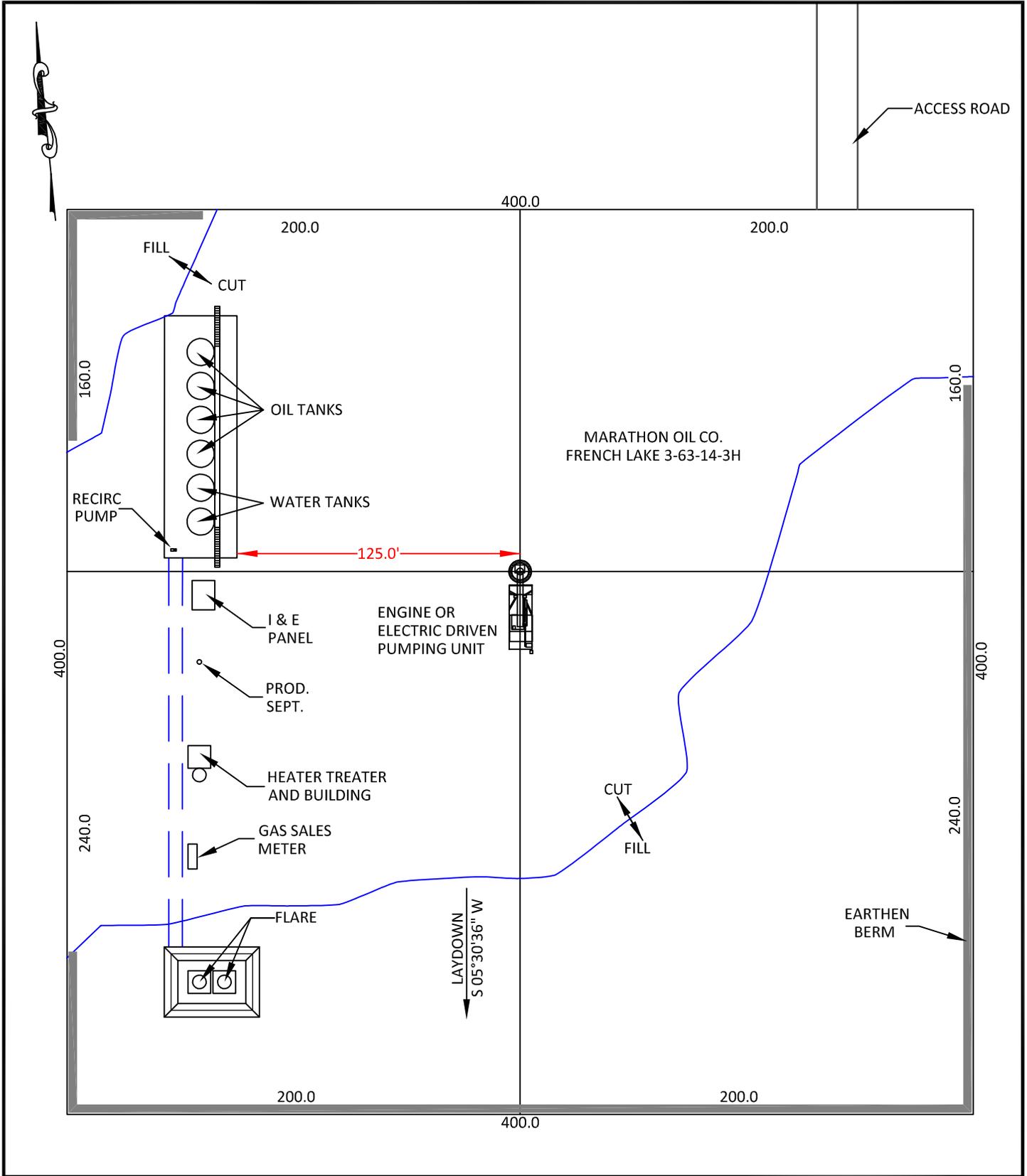
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LOCATION:
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 3-63-14-3H
 WITHIN THE SW/4
 SE/4, SECTION 14,
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 6TH PM.
 WELD COUNTY,
 COLORADO

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 5555 SAN FELIPE, HOUSTON TX, 77056

DRILLING FACILITIES

| | |
|----------------|----------------|
| SCALE: 1"=60' | EXHIBIT "K" |
| DATE: 2/8/2012 | SHEET 10 OF 14 |



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| | |
|---------------------|-----------------|
| DRAWN BY: BW | CHECKED BY: RAW |
| PROJECT NO: 363143H | JOB NO: 2011001 |
| REVISIONS: | |

CONFIDENTIALITY NOTES:
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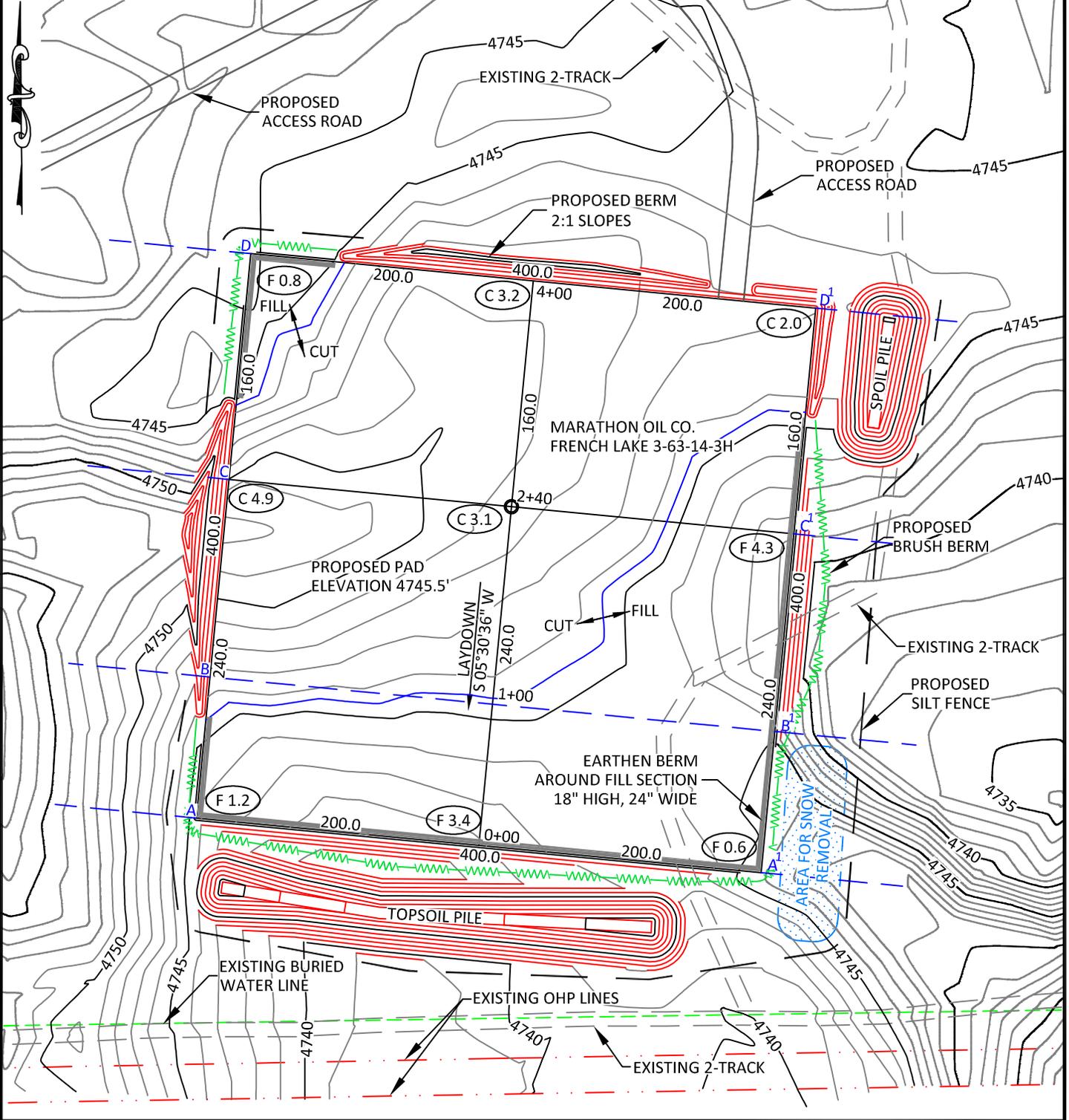
LOCATION:
FRENCH LAKE
3-63-14-3H
WITHIN THE SW/4
SE/4, SECTION 14,
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WELD COUNTY,
COLORADO

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PRODUCTION FACILITIES

| | |
|----------------|----------------|
| SCALE: 1"=60' | EXHIBIT "L" |
| DATE: 2/8/2012 | SHEET 11 OF 14 |

SCALE: 1" = 100'
 CONTOUR
 INTERVAL 1'



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DRAWN BY: BW CHECKED BY: RAW
 PROJECT NO: 363143H JOB NO: 2011001

REVISIONS:

| LEGEND | |
|--------------|-------------------|
| SILT FENCE | — — — — — |
| EXISTING OHP | — · — · — · — · — |
| BRUSH BERM | — w w w — w w w — |

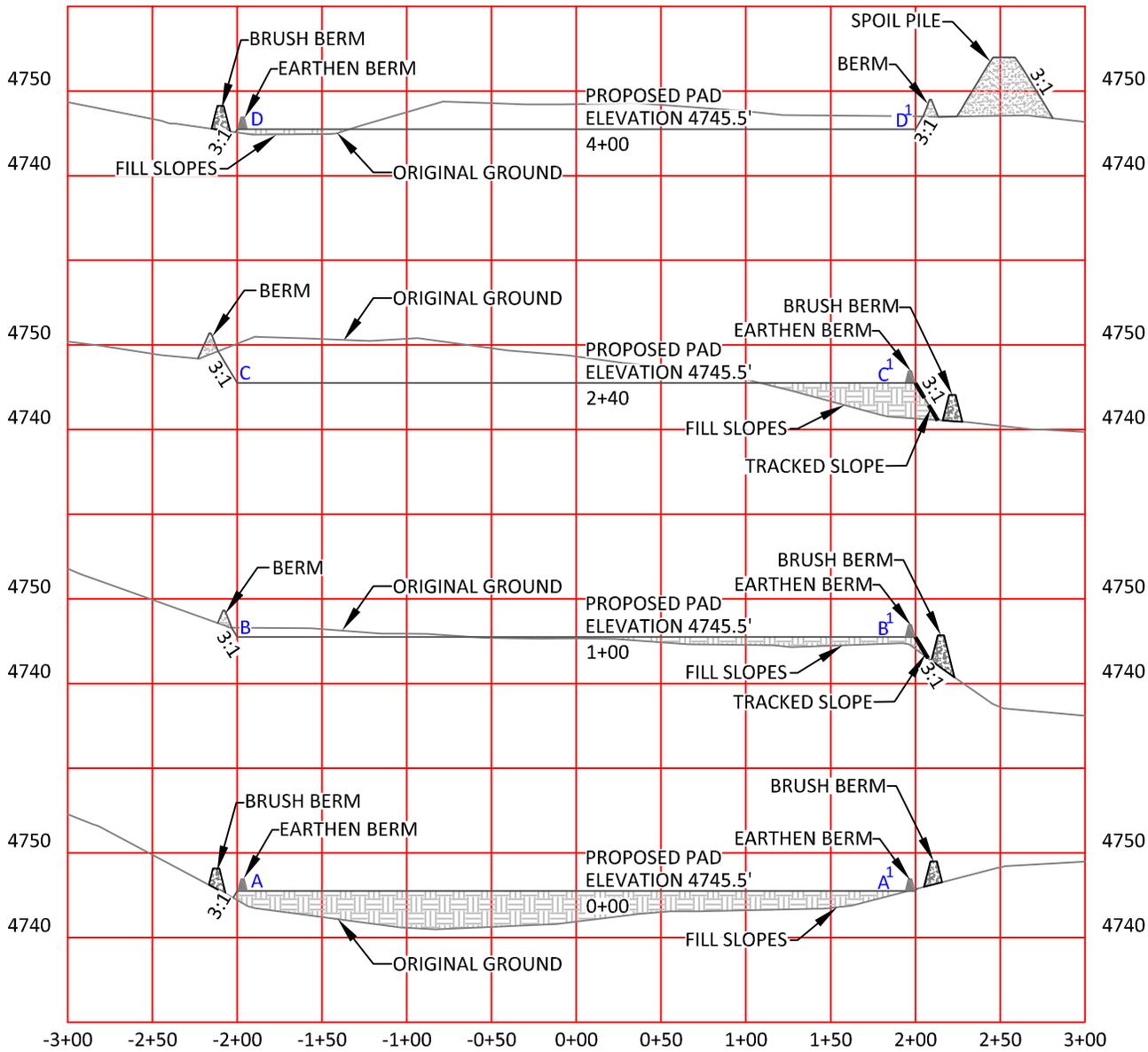
LOCATION:
 FRENCH LAKE 3-63-14-3H
 WITHIN THE SW/4 SE/4, SECTION 14,
 T 3 N, R 63 W,
 6TH PM.
 WELD COUNTY,
 COLORADO

MARATHON OIL COMPANY
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 5555 SAN FELIPE, HOUSTON TX, 77056

STORM WATER PREVENTION PLAN

SCALE: 1" = 100'
 DATE: 2/8/2012

EXHIBIT "M"
 SHEET 12 of 14



HORIZONTAL SCALE: 1"=100'
 VERTICAL SCALE: 1"=20'



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 GREEN RIVER, WY 307-875-3639
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LOCATION:
 FRENCH LAKE
 3-63-14-3H
 WITHIN THE SW/4
 SE/4, SECTION 14,
 T 3 N, R 63 W,
 6TH PM.
 WELD COUNTY,
 COLORADO

MARATHON OIL COMPANY
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 5555 SAN FELIPE, HOUSTON TX, 77056

| | |
|---------------------|-----------------|
| DRAWN BY: BW | CHECKED BY: RAW |
| PROJECT NO: 363143H | JOB NO: 2011001 |
| REVISIONS: | |

| | |
|--|----------------|
| STORM WATER PREVENTION CROSS SECTIONS | |
| SCALE: AS NOTED | EXHIBIT "N" |
| DATE: 2/8/2012 | SHEET 13 of 14 |

MARATHON FRENCH LAKE 3-63-14-3H

LOCATED WITHIN THE SW1/4 SE1/4 SECTION 14 T3N R63W

OF THE 6TH P.M., WELD COUNTY, COLORADO

MEAS. S 89°13'58" W 2650.38'
REC. S 89°38' W 40.13 CH.

MEAS. S 89°13'58" W 2650.38'
REC. S 89°38' W 40.13 CH.

SET 30" #6
REBAR W/ 3.25"
ALUM. CAP L.S.
16847

SET 30" #6
REBAR W/ 3.25"
ALUM. CAP L.S.
16847



MEAS. N 00°21'59" W 2595.83'
REC. NORTH 40 CH.

MEAS. N 00°27'19" W 2623.81'
REC. NORTH 40 CH.



SET 30" #6
REBAR W/ 3.25"
ALUM. CAP L.S.
16847

SET 30" #6
REBAR W/ 3.25"
ALUM. CAP L.S.
16847

MEAS. N 01°29'23" W 2650.00'
REC. NORTH 40 CH.

MEAS. N 01°01'24" W 2658.06'
REC. NORTH 40 CH.

GRADED WELL PAD
ELEVATION 4745.5'
EXISTING GROUND
ELEVATION AT WELL
SITE 4748.6'

CURRENT LAND USE:
NON-CROPLAND/RANGELAND

IMPROVEMENTS:
NONE

PLANT COMMUNITIES:
NATIVE GRASSLAND

SET 30" #6
REBAR W/ 3.25"
ALUM. CAP L.S.
16847

MEAS. S 89°01'05" W 2637.69'
REC. S 89°53' W 39.97 CH.

MEAS. S 89°01'05" W 2637.69'
REC. S 89°53' W 39.97 CH.

SET 30" #6
REBAR W/ 3.25"
ALUM. CAP L.S.
16847

SURFACE HOLE LOCATION

| GEOGRAPHIC CO. NORTH DEG. MIN. SEC. MAD 27 / MAD 83 | LAT. | LONG. |
|--|------------------|-----------------|
| | 40.219487 | 104.403048 |
| | 40.219506 | 104.402538 |
| | 40°13'10.15" | 104°24'10.97" |
| | 40°13'10.22" | 104°24'09.14" |
| | NORTH 1324696.11 | EAST 3306318.09 |
| | NORTH 324698.94 | EAST 2306468.62 |

FOOTAGE: 2162' FEL - 455' FSL

BOTTOM HOLE LOCATION

| GEOGRAPHIC CO. NORTH DEG. MIN. SEC. MAD 27 / MAD 83 | LAT. | LONG. |
|--|------------------|-----------------|
| | 40.231393 | 104.402422 |
| | 40.231412 | 104.401911 |
| | 40°13'53.02" | 104°24'08.72" |
| | 40°13'53.08" | 104°24'06.88" |
| | NORTH 1329035.09 | EAST 3306439.36 |
| | NORTH 329037.90 | EAST 2306589.85 |

FOOTAGE: 1988' FEL - 470' FNL

I, Rodney A. Walters, Professional Land Surveyor, CO. RLS #16847 hereby certify that (in accordance with a request from Erin Bibeau with Marathon Oil Co, 5555 San Felipe, Houston, TX 77056) I and or personnel under my direction made a survey on the 8th day of January 2012, for the Surface Hole Location and Elevation of Marathon Oil Co. FRENCH LAKE 3-63-14-3H being located within the SW 1/4 SE 1/4 Section 14, T3N R63W and the Bottom Hole Location being located in the NW 1/4 NE 1/4 of Section 14 T3N, R63W, both being of the 6th P.M., Weld County, State of Colorado.

- All bearings and distances are GRID, based on the Colorado State Plane Coordinate System, North Zone, North American Datum 1983 from GPS observations occupying a WHS control point (5/8" rebar) and having the Location and Elevation derived from an Opus Solution.
- Vertical Datum used is of NAVD 88.
- Record Bearings and Distances as shown are based on the General Land Office Survey plat approved on the 24th day of November 1868.



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- ### LEGEND
- FOUND OR SET CORNER
 - ⊗ CALCULATED CORNER
 - NOTHING FOUND

LOCATION:
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COLORADO

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WELL LOCATION PLAT

DRAWN BY: LAL CHECKED BY: RAW
PROJECT NO: 363143H JOB NO: 2011001
REVISIONS:

SCALE: 1"=1000' EXHIBIT "A"
DATE: 2/8/2012 SHEET 1 OF 1