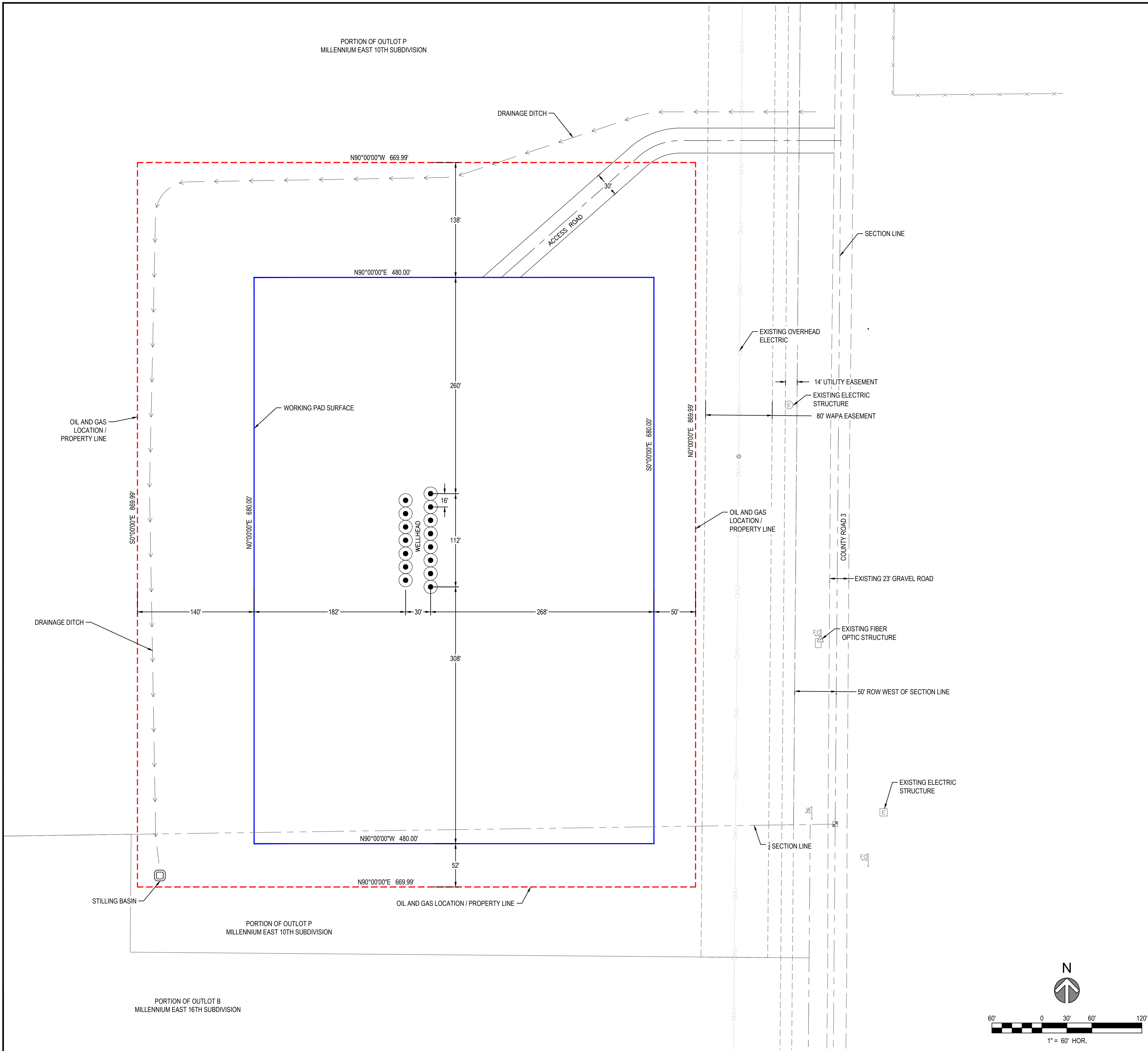


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LEGEND

WORKING PAD SURFACE

OIL AND GAS LOCATION

→ → → DITCH FLOW LINE

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DRILLING PHASE SITE PLAN

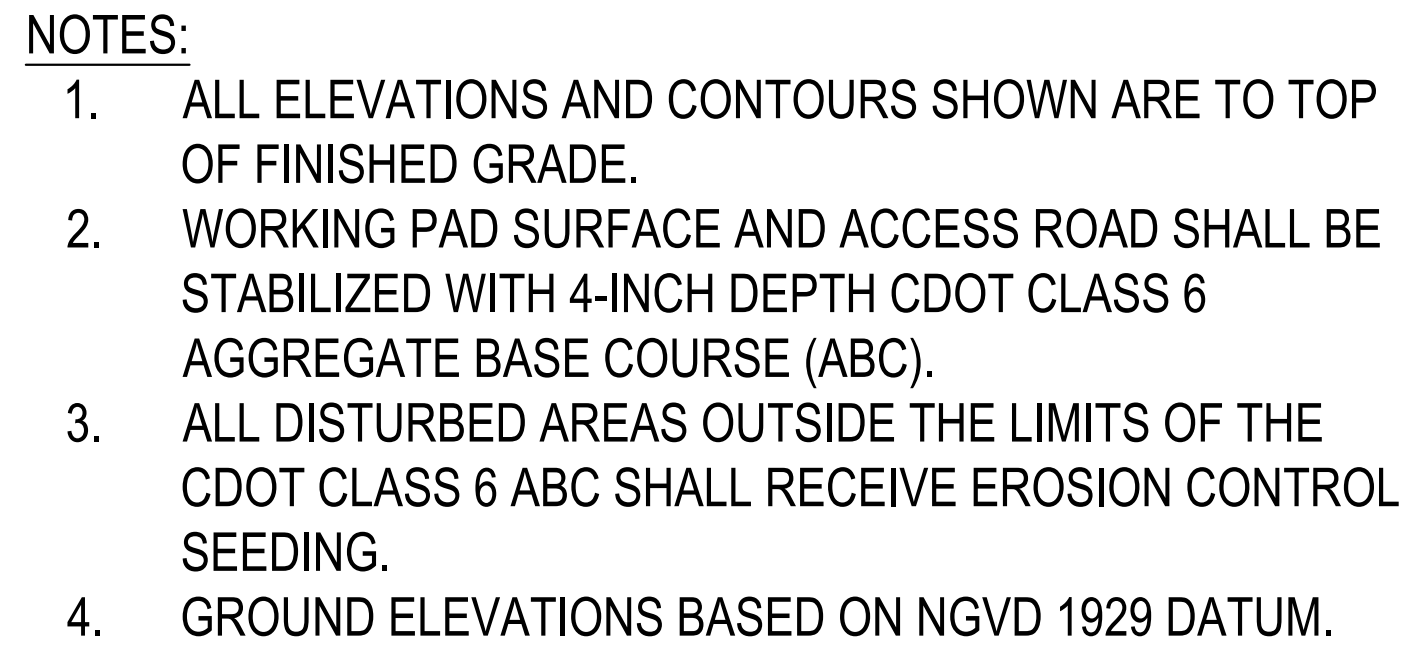
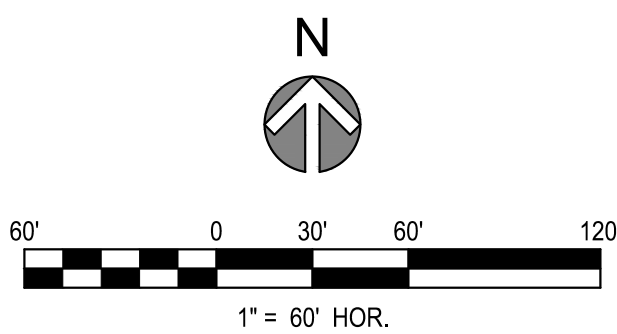
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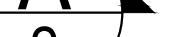


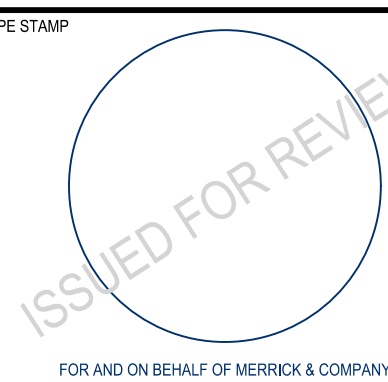
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 WORKING PAD SURFACE

 OIL AND GAS LOCATION

 DITCH FLOW LINE

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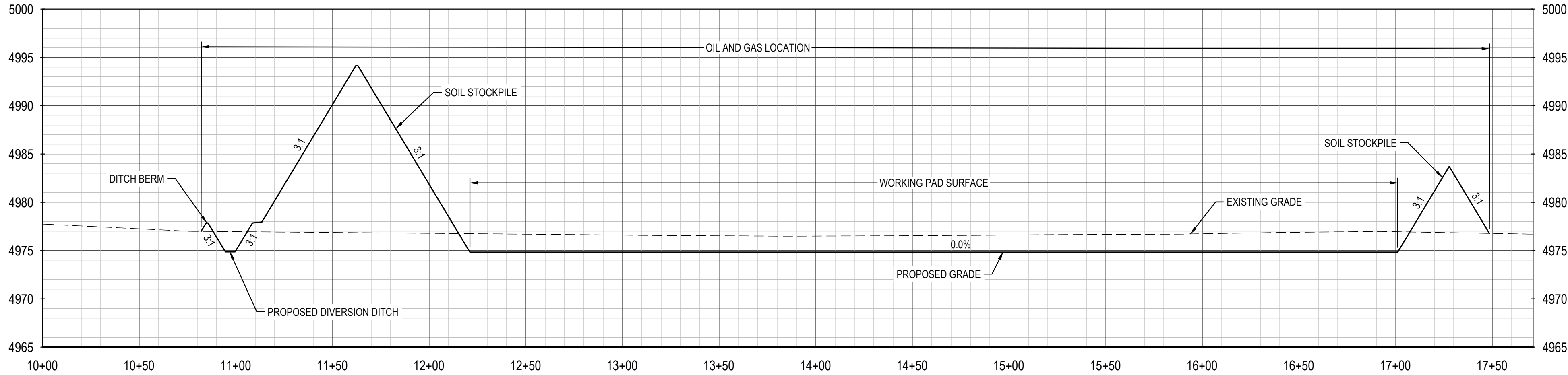
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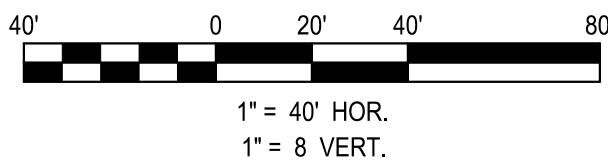
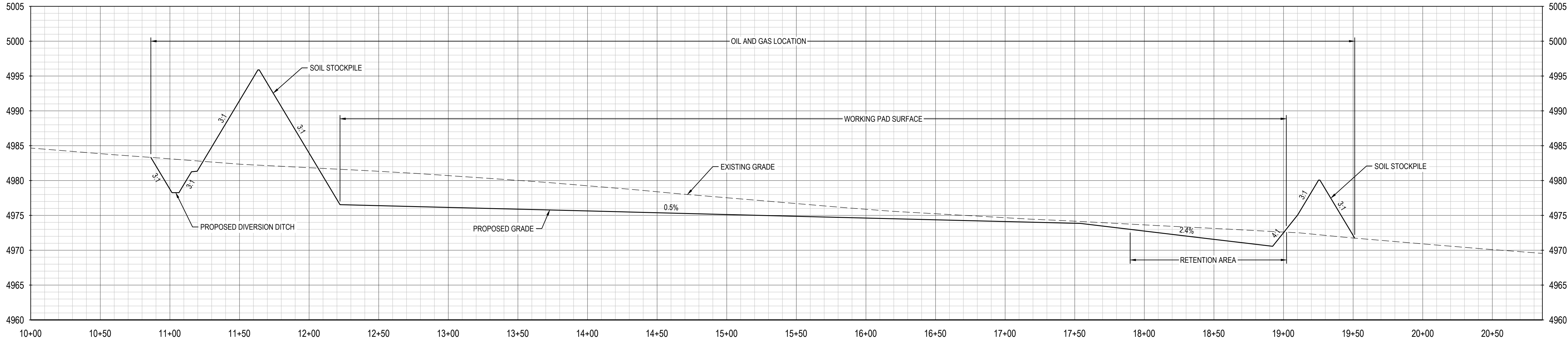
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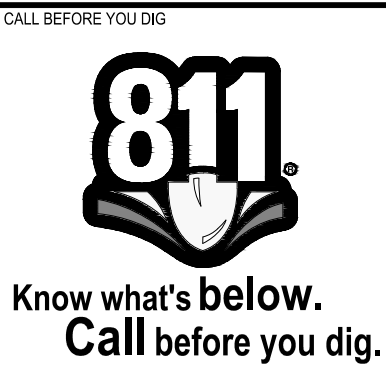
SECTION A (W-E)



SECTION B (N-S)



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MRG, LP OIL AND GAS
CITY OF LOVELAND, COLORADO
CE PAD SDP PLANS
DRILLING PHASE SECTION VIEW

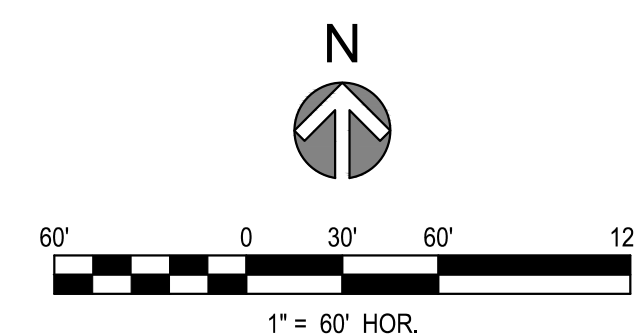
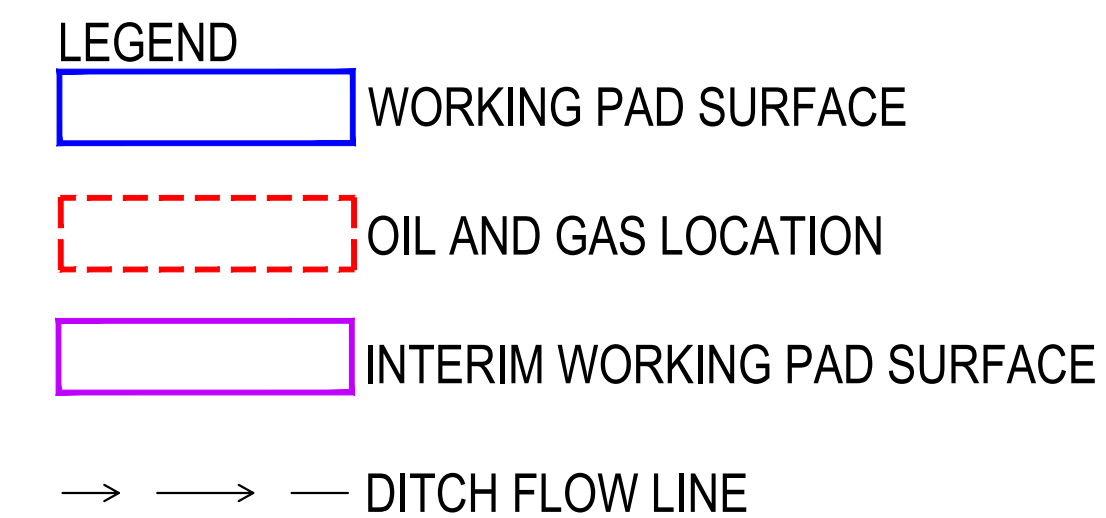
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CITY OF LOVELAND, COLORADO
CE PAD SDP PLANS
PRODUCTION PHASE SITE PLAN

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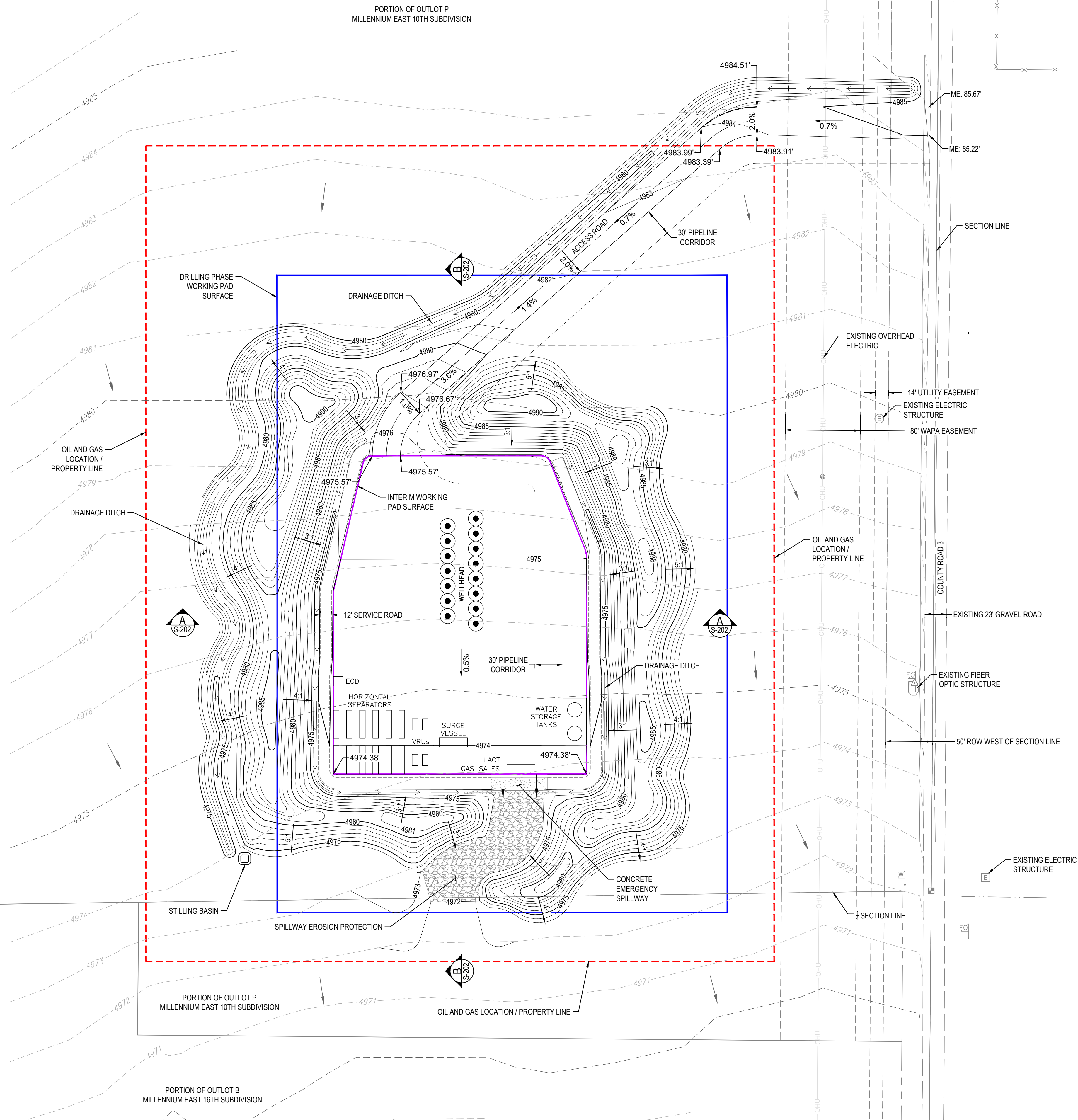
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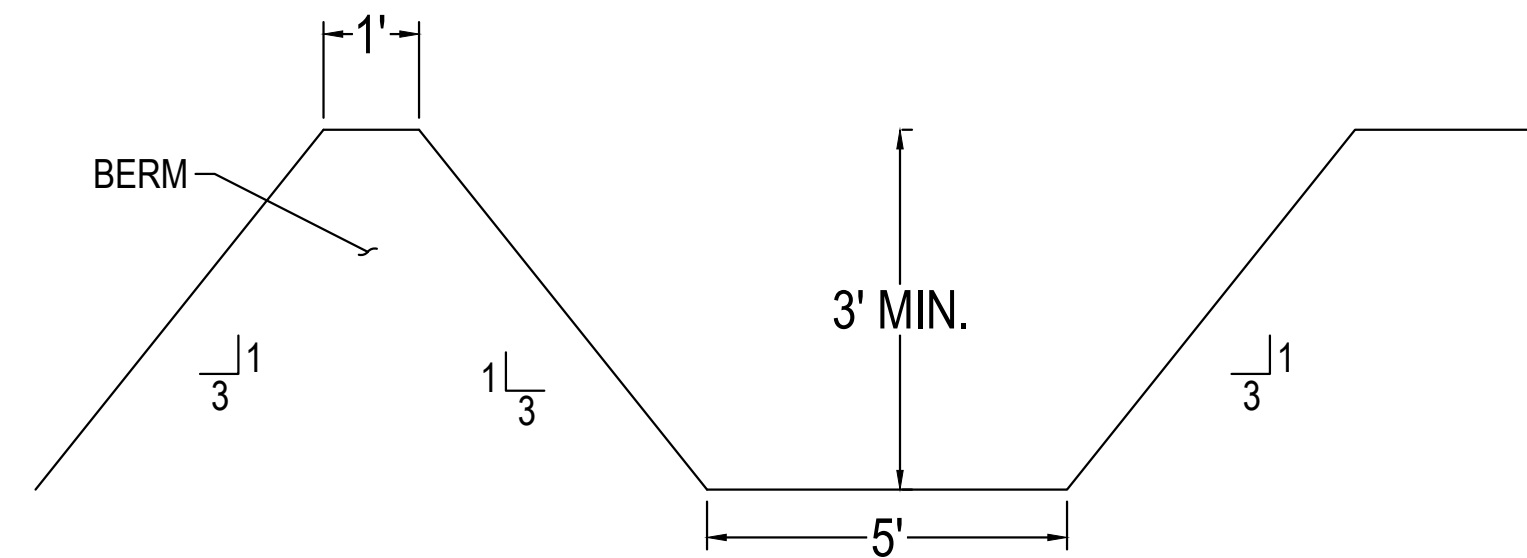
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DIVERSION DITCH - TYPICAL DETAIL 1

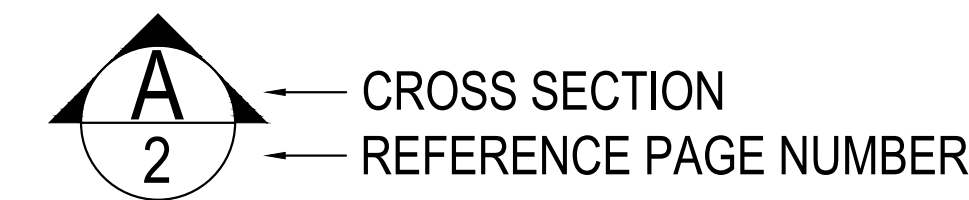


DIVERSION DITCH & BERM - TYPICAL DETAIL 2

NOTES:

1. ALL ELEVATIONS AND CONTOURS SHOWN ARE TO TOP OF FINISHED GRADE.
2. WORKING PAD SURFACE AND ACCESS ROAD SHALL BE STABILIZED WITH 4-INCH DEPTH CDOT CLASS 6 AGGREGATE BASE COURSE (ABC).
3. ALL DISTURBED AREAS OUTSIDE THE LIMITS OF THE CDOT CLASS 6 ABC SHALL RECEIVE EROSION CONTROL SEEDING.
4. GROUND ELEVATIONS BASED ON NGVD 1929 DATUM.

LEGEND:

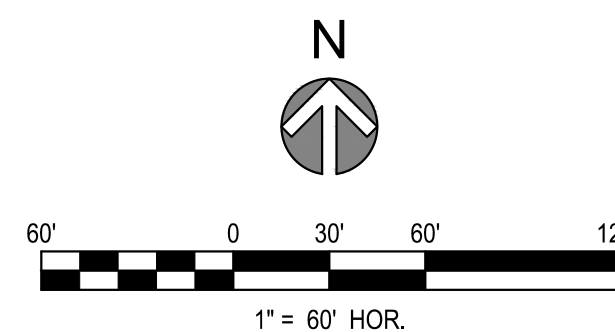


WORKING PAD SURFACE

OIL AND GAS LOCATION

INTERIM WORKING PAD SURFACE

DITCH FLOW LINE



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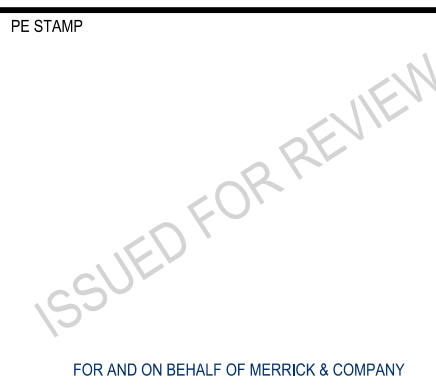
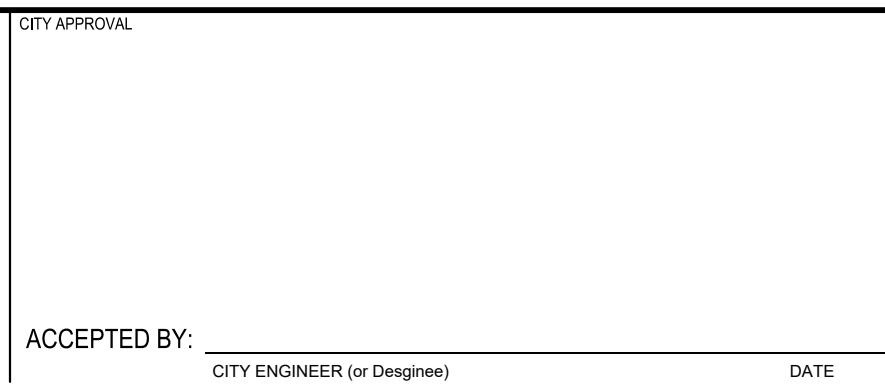
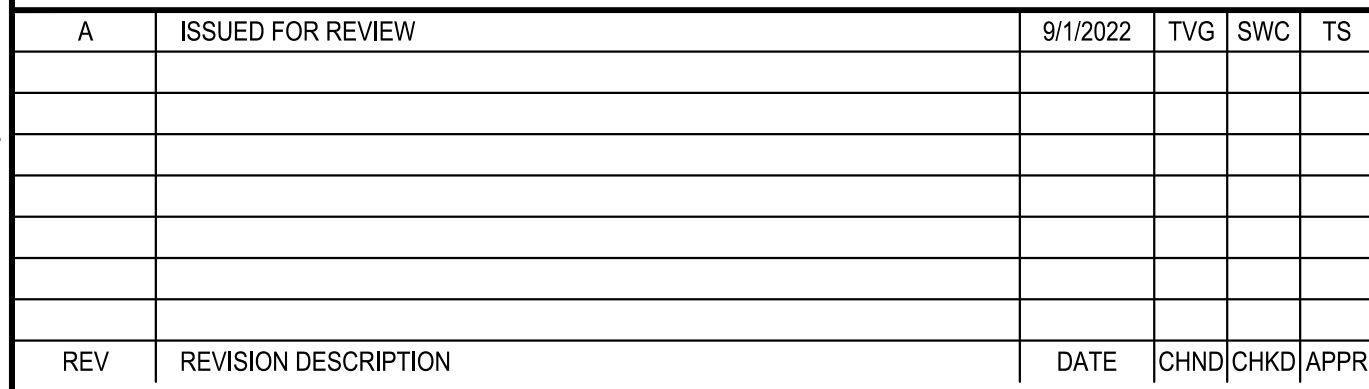
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The profile view shows the proposed road alignment with the following features and elevations:

- Stationing:** 0+50 to 5+00.
- Elevation:** 4965 to 4995.
- Existing Grade:** Shown as a dashed line.
- Proposed Grade:** Shown as a solid line.
- Visual Mitigation Berms:** Located at approximately station 0+75 and 4+50.
- Service Road:** Located at approximately station 1+50 and 4+00.
- Proposed Ditches:** Located at approximately station 0+50, 1+25, and 4+25.
- Grades:** 3:1, 2:1, 4:1, 2.0%, 0.0%, and 3:1.

The profile view shows the vertical alignment of the proposed road. The horizontal axis represents stationing from 0+50 to 7+00. The vertical axis represents elevation in feet, ranging from 4965 to 4995. The existing ground is shown as a dashed line, and the proposed road grade is shown as a solid line. Key features include:

- Visual Mitigation Berms:** Indicated by arrows pointing to the proposed grade at stations 1+50 and 5+50.
- Service Road:** A dashed line branching off the main alignment at station 2+00.
- Proposed Internal Ditch:** A dashed line branching off the main alignment at station 1+75.
- Proposed Diversion Ditch:** A dashed line branching off the main alignment at station 6+75.
- Grades:** The proposed grade includes segments with grades of 2.1%, 3.1%, 2.0%, and 0.5%.



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MRG, LP OIL AND GAS
CITY OF LOVELAND, COLORADO
CE PAD SDP PLANS
PRODUCTION PHASE SECTION VIEW

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