

5.49 Ac. to Deten. Pond #1  
 4,000 cu.ft./Ac. Pad  
 Vol. = 21,960 cu.ft.  
 L= 60'; W=94'; D=8'

0.70 Ac. to Sed. Res. #4  
 3,600 cu.ft./Ac. Drainage  
 Vol. = 2,520 cu.ft.  
 L= 57'; W=37'; D=3'

0.09 Ac. to Sed. Res. #3  
 3,600 cu.ft./Ac. Drainage  
 Vol. = 270 cu.ft.  
 L= 17'; W=16'; D=3'

0.11 Ac. to Sed. Res. #1  
 3,600 cu.ft./Ac. Drainage  
 Vol. = 396 cu.ft.  
 L= 62'; W=8'; D=2'

0.17 Ac. to Sed. Res. #2  
 3,600 cu.ft./Ac. Drainage  
 Vol. = 510 cu.ft.  
 L= 51'; W=10'; D=3'

- SWMP LEGEND:**
- SCE - STABILIZED CONSTRUCTION ENTRANCE
  - SedR - SEDIMENT RESERVOIR
  - SL - SLASH
  - ST - SEDIMENT TRAP
  - VB - VEGETATED BUFFER
  - W - WATTLE

FINISHED GRADE ELEVATION = 8328.6'

- NOTES:**
- Round corners at 35' radius or as needed.
  - Construct diversion ditches as needed.
  - Contours shown at 2' intervals.

**Caerus Oil & Gas LLC**

**MESA E1-797**  
**TRACT 63, SECTION 1, T7S, R97W, 6th P.M.**  
**S 1/2 NW 1/4**

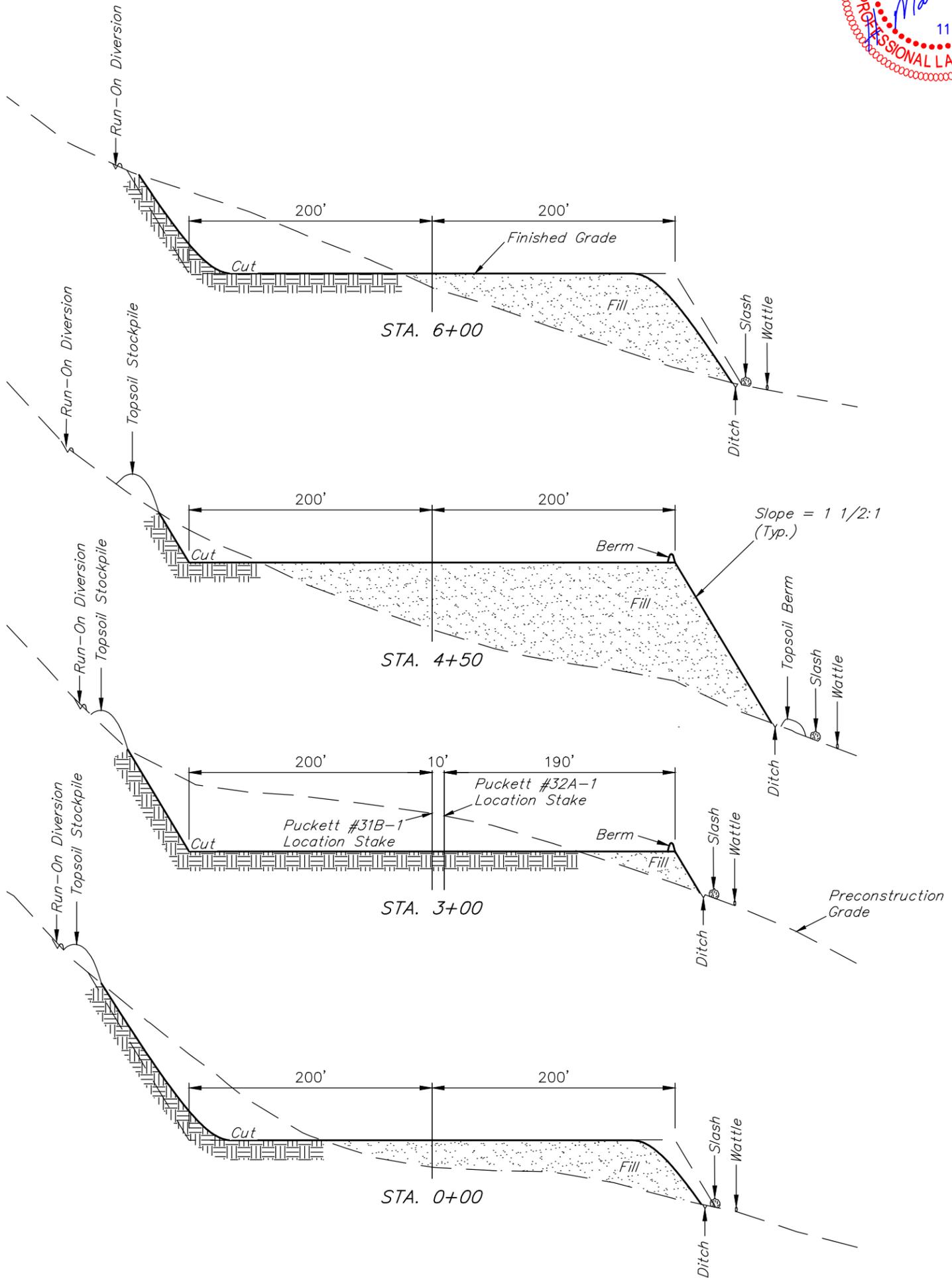
DRAWN BY: A.R.	DATE DRAWN: 09-18-14
SCALE: 1" = 80'	REVISED: 12-04-14 M.D.



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**CONSTRUCTION LAYOUT**      **FIGURE #1**

1" = 40'  
 X-Section  
 Scale  
 1" = 100'



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	6,050 Cu. Yds.
REMAINING LOCATION	79,470 Cu. Yds.
<b>TOTAL CUT</b>	<b>85,520 Cu. Yds.</b>
<b>FILL</b>	<b>79,470 Cu. Yds.</b>
EXCESS MATERIAL	6,050 Cu. Yds.
TOPSOIL	6,050 Cu. Yds.
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±9.738
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±530'	±0.365
<b>TOTAL SURFACE USE AREA</b>		<b>±10.103</b>

**NOTES:**

- Fill quantity includes 5% for compaction.
- Calculations based on 6" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.

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DRAWN BY: A.R.	DATE DRAWN: 09-18-14
SCALE: AS SHOWN	REVISED: 11-03-14
<b>CONSTRUCTION LAYOUT CROSS SECTIONS</b>	<b>FIGURE #2</b>