

BMP LEGEND

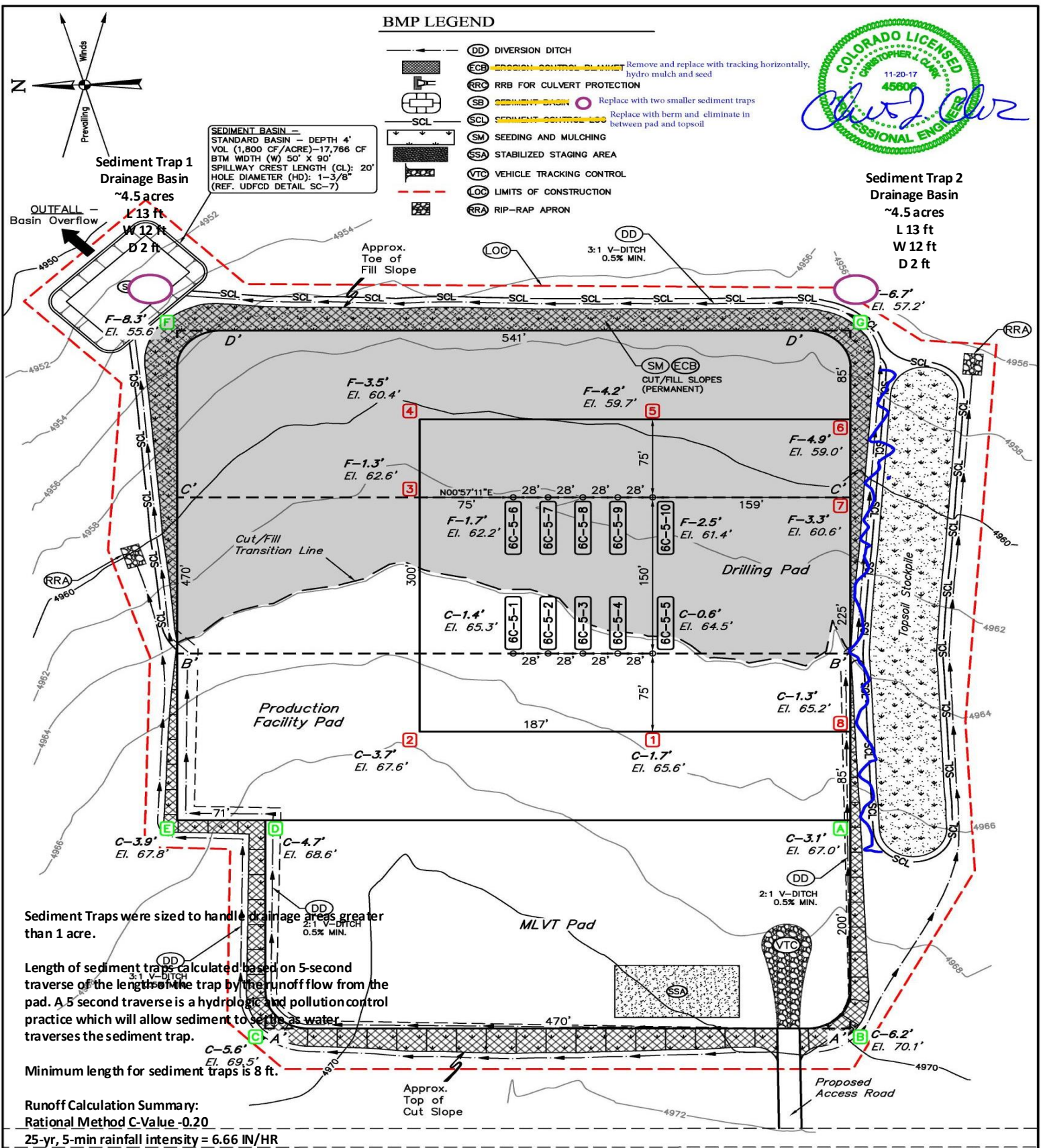
- DD DIVERSION DITCH
- ECB EROSION CONTROL BLANKET Remove and replace with tracking horizontally, hydro mulch and seed
- RRC RRB FOR CULVERT PROTECTION
- SB SEDIMENT BURN Replace with two smaller sediment traps
- SCL SEDIMENT CONTROL LOGS Replace with berm and eliminate in between pad and topsoil
- SM SEEDING AND MULCHING
- SSA STABILIZED STAGING AREA
- VTC VEHICLE TRACKING CONTROL
- LOC LIMITS OF CONSTRUCTION
- RRA RIP-RAP APRON



SEDIMENT BASIN -
 STANDARD BASIN - DEPTH 4'
 VOL (1,800 CF/ACRE)-17,766 CF
 BTM WIDTH (W) 50' X 90'
 SPILLWAY CREST LENGTH (CL): 20'
 HOLE DIAMETER (HD): 1-3/8"
 (REF. UDFCD DETAIL SC-7)

**Sediment Trap 1
 Drainage Basin**
 ~4.5 acres
 L 13 ft
 W 12 ft
 D 2 ft

**Sediment Trap 2
 Drainage Basin**
 ~4.5 acres
 L 13 ft
 W 12 ft
 D 2 ft



Sediment Traps were sized to handle drainage areas greater than 1 acre.

Length of sediment traps calculated based on 5-second traverse of the length of the trap by the runoff flow from the pad. A 5 second traverse is a hydrologic and pollution control practice which will allow sediment to settle as water traverses the sediment trap.

Minimum length for sediment traps is 8 ft.

Runoff Calculation Summary:
 Rational Method C-Value -0.20
 25-yr, 5-min rainfall intensity = 6.66 IN/HR

$Q = C \times I \times A$

Example $Q = (0.2) \times (6.66) \times (0.5) = 0.67$ CFS

FINISHED GRADE ELEVATION = 4963.9'

- NOTES:**
- Round corners at 35' radius or as needed.
 - Construct diversion ditches as needed.
 - Contours shown at 2' intervals.
 - Cut/Fill slopes 3:1 (Typ. except where noted).



UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

Section 6, T8N, R60W
 Section 1, T8N, R61W

BISON OIL & GAS II

HUNT 8-60 6C PAD
 LOTS 6 & 7, SECTION 6, T8N, R60W, 6th P.M.
 WELD COUNTY, COLORADO

SURVEYED BY	JAMES FRESHWATER, G.B.	10-24-17	SCALE
DRAWN BY	D.COX	10-25-17	1" = 80'

CONSTRUCTION LAYOUT FIGURE #1