

SWEPI LP

CASTOR GULCH #1-21

SECTION 21, T5N, R91W, 6th. P.M.

599' FNL 1318' FEL

FIGURE #1

SCALE: 1" = 60'

DATE: 07-26-11

DRAWN BY: C.J.C.



NOTE:
Earthwork Calculations Require a Fill of 1.3' @ the Location Stake For Balance. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99.

Elev. Ungraded Ground At Loc. Stake = 6424.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 6425.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

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FIGURE #2

CONSTRUCTION LAYOUT CROSS SECTIONS FOR

CASTOR GULCH #1-21

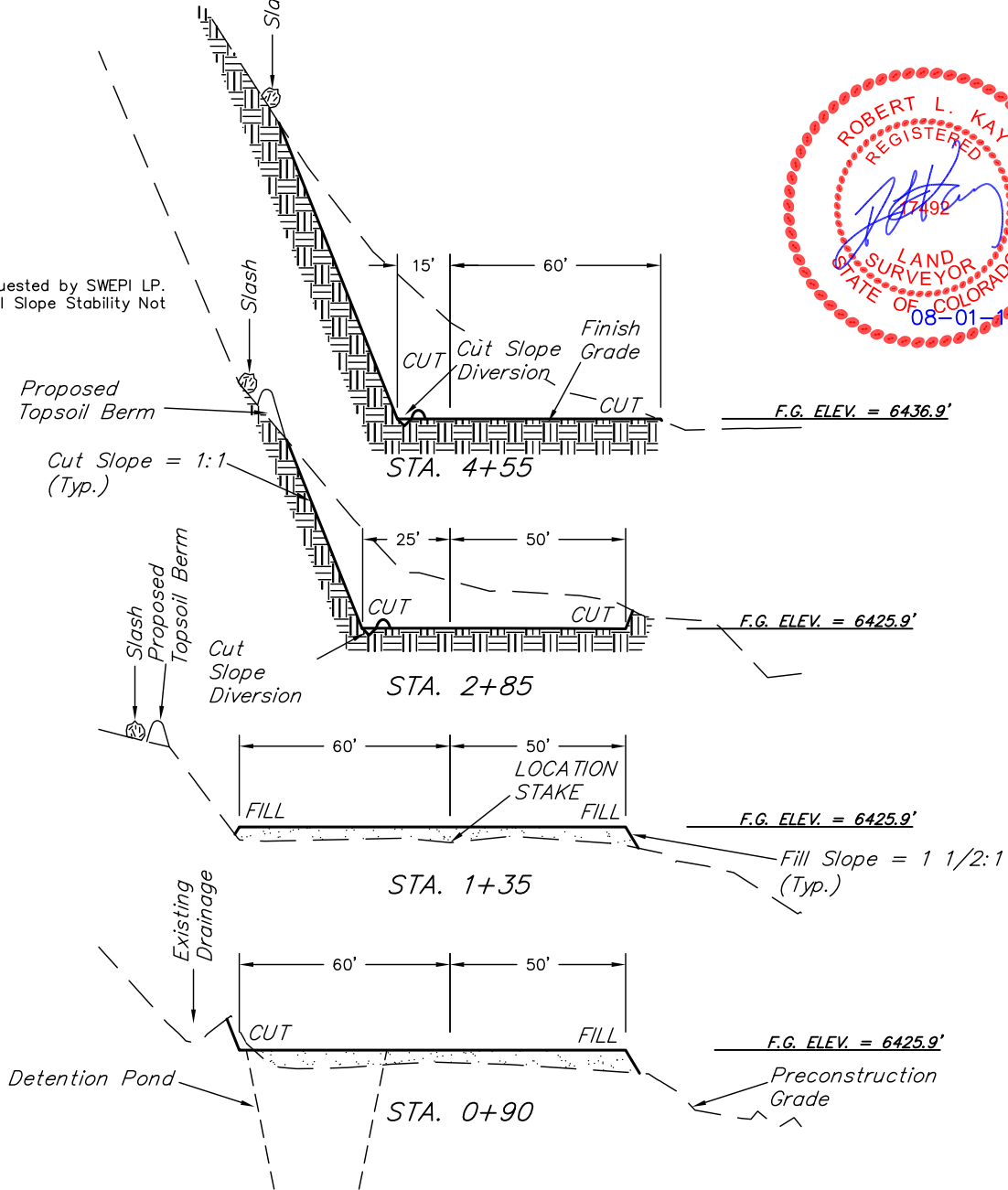
SECTION 21, T5N, R91W, 6th. P.M.

599' FNL 1318' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 07-26-11
DRAWN BY: C.J.C.

NOTE:
1:1 Cut Slopes Requested by SWEPI LP.
Vertical Cut and Hill Slope Stability Not
Verified by UELS.



APPROXIMATE ACREAGES
WELL SITE DISTURBANCE = ± 1.078 ACRES
TOTAL = ± 1.078 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION
** USE EXCESS TO BUILD
UP COUNTY ROAD FOR ACCESS

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 870 Cu. Yds.
Remaining Location = 5,040 Cu. Yds.
TOTAL CUT = 5,910 CU.YDS.
FILL = 1,090 CU.YDS.

EXCESS MATERIAL = 4,820 Cu. Yds.
Topsoil = 870 Cu. Yds.
EXCESS UNBALANCE = 3,950 Cu. Yds.**
(After Interim Rehabilitation)

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