

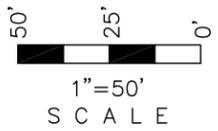
EARTHWORK APPROXIMATE VOLUMES

RAW CUT	=	778 CU. YDS.
FILL	=	705 CU. YDS.
FILL+10%	=	775 CU. YDS.

IMPORTED BEDDING/FOUNDATION
COMPACTED, IN PLACE = 430 CU. YDS.

PIT CHARACTERISTICS

INSIDE TOP 126.0' X 132.2'	TOTAL PIT VOLUME	1,053 cyd, 0.65 acre feet, 5,065 BBL
INSIDE DIKE SLOPE 4:1	PIT VOLUME EXCLUDING FREEBOARD	427 cyd, 0.26 acre feet, 2,053 BBL
OUTSIDE DIKE SLOPE 2:1	SURFACE AREA AT MAX. LIQUID DEPTH	8,430 SQUARE FEET (0.19 ACRES)
DEPTH OF PIT: 4'		
MAX LIQUID DEPTH: 2'		
FREEBOARD DEPTH 2'		



CHEVRON
WILSON CREEK – WASTE MANAGEMENT FACILITY
PROPOSED LINED AREA
NW 1/4 NW 1/4 OF SECTION 35, T3N, R94W, 6th P.M.

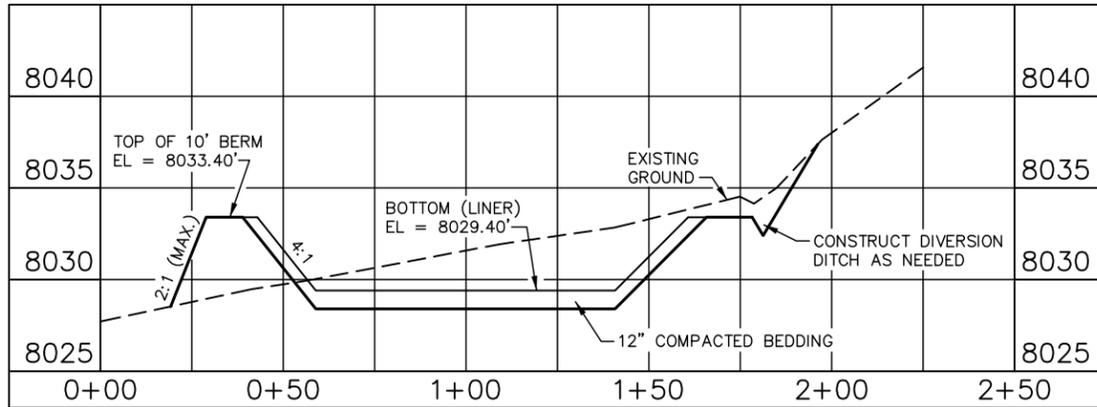
SCALE: NO SCALE	DRAWN BY: DGW
DRAWING DATE: 10-7-10	E-FILE:
REVISED:	PROJECT NO:
	REFERENCE DRAWINGS:



U E L S UINTAH ENGINEERING & LAND SURVEYING
- SINCE 1964 -

UTAH OFFICE 85 South 200 East Vernal, UT 84078 435-789-1017	WYOMING OFFICE 79 Winston Drive Suite 210 Rock Springs, WY 82901 307-382-3585	COLORADO OFFICE 832 Northcrest Drive Unit B Grand Junction, CO 81506 970-263-4006	MONTANA OFFICE 104 2nd Ave. SW Suite 300 Sidney, MT 59270 406-433-9650
---	--	---	---

SHEET NO.
1
OF
2



SECTION A-A

MATERIALS SPECIFICATION

MATERIAL AND CONSTRUCTION SPECIFICATIONS:

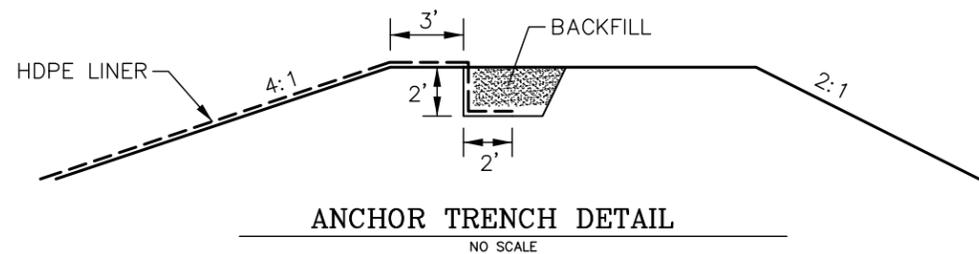
THE FOLLOWING MATERIAL LIST IS NOT ALL INCLUSIVE. OTHER MATERIAL WILL BE NECESSARY FOR THE COMPLETION OF THE PROJECT.

PIT LINER TO BE A MINIMUM OF 24 MIL THICK HDPE OR OTHER AS APPROVED BY THE COLORADO OIL AND GAS CONSERVATION COMMISSION AND SHALL MEET THE REQUIREMENTS OF RULE 904. PIT LINERS SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS. BEDDING/FOUNDATION MATERIAL FOR THE LINER SHALL CONSIST OF 12" OF COMPACTED SOIL HAVING A HYDRAULIC CONDUCTIVITY NOT EXCEEDING 1.0×10^{-7} CM/SEC AFTER TESTING AND COMPACTION. THE FOUNDATION MATERIAL SELECTED SHALL BE FREE OF FRACTURED FACES CAPABLE OF PUNCTURING THE LINER MATERIAL. THE MATERIAL SHALL ALSO BE FREE OF ORGANIC AND FROZEN MATERIAL. LINER MANUFACTURER SHALL APPROVE SUBGRADE PRIOR TO INSTALLATION OF LINER.

BERM WILL BE KEYED INTO NATIVE MATERIAL. THE KEY-WAY WILL BE BACKFILLED AND COMPACTED WITH CLEAN BERM MATERIAL. NO DEBRIS WILL BE USED IN THE BERM CONSTRUCTION. NATIVE MATERIAL MAY BE USED FOR BERM CONSTRUCTION EXCEPT NO CLEAN SAND OR POROUS ROCK MAY BE USED. BERM MATERIAL MUST BE WELL GRADED.

ALL BERM MATERIAL SHALL BE COMPACTED TO AT LEAST 95% OF THE OPTIMUM OBTAINED BY AASHTO METHOD T99. THE MATERIAL MUST BE PLACED IN LIFTS NOT TO EXCEED 8" AND COMPACTION TESTS SHALL BE MADE TO VERIFY COMPACTION REQUIREMENTS. IF COMPACTION REQUIREMENTS ARE NOT MET AT 8" LIFTS, ADJUSTMENTS MUST BE MADE TO THE LIFT DEPTH (EG. 6" MAX LIFT).

- ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES WILL BE REVIEWED AND STRICTLY COMPLIED WITH.



CHEVRON
 WILSON CREEK - WASTE MANAGEMENT FACILITY
 PROPOSED LINED AREA
 NW 1/4 NW 1/4 OF SECTION 35, T3N, R94W, 6th P.M.

SCALE: NO SCALE	DRAWN BY: DGW
DRAWING DATE: 10-7-10	E-FILE:
REVISED:	PROJECT NO:
	REFERENCE DRAWINGS:

UINTEH ENGINEERING & LAND SURVEYING

- SINCE 1964 -

UTAH OFFICE	WYOMING OFFICE	COLORADO OFFICE	MONTANA OFFICE
85 South 200 East Vernal, UT 84078 435-789-1017	79 Winston Drive Suite 210 Rock Springs, WY 82901 307-382-3585	832 Northcrest Drive Unit B Grand Junction, CO 81506 970-263-4006	104 2nd Ave. SW Suite 300 Sidney, MT 59270 406-433-9650

SHEET NO.
 2
 OF
 2