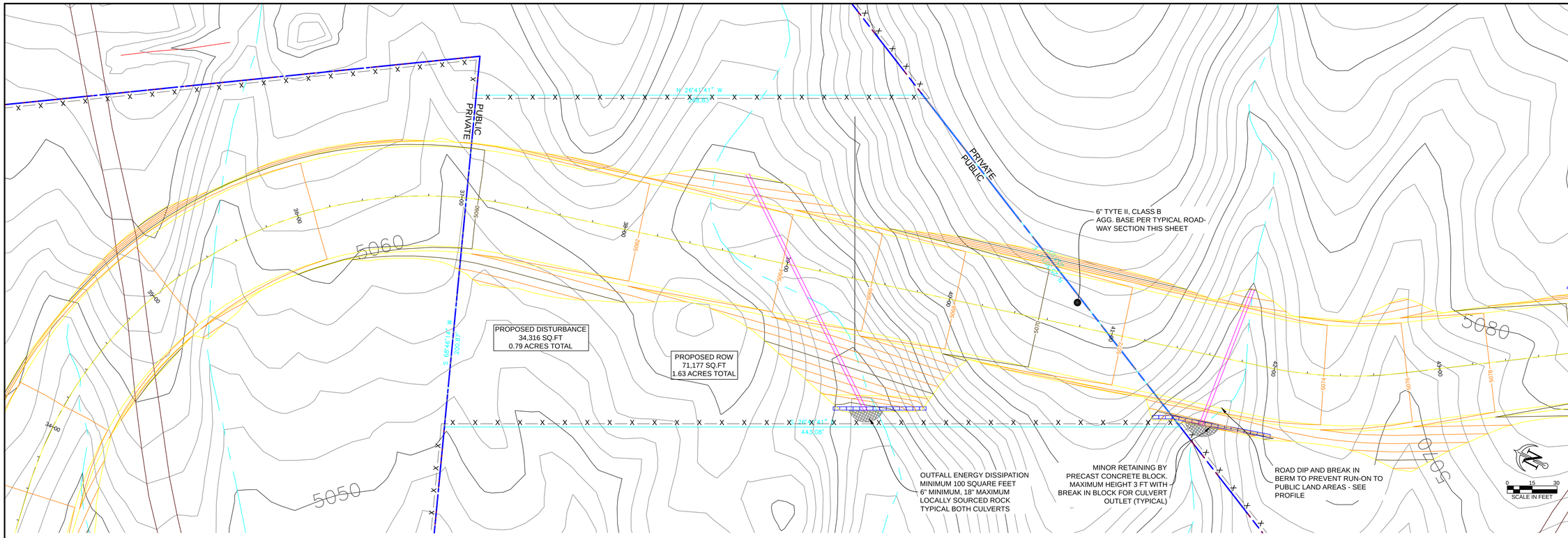
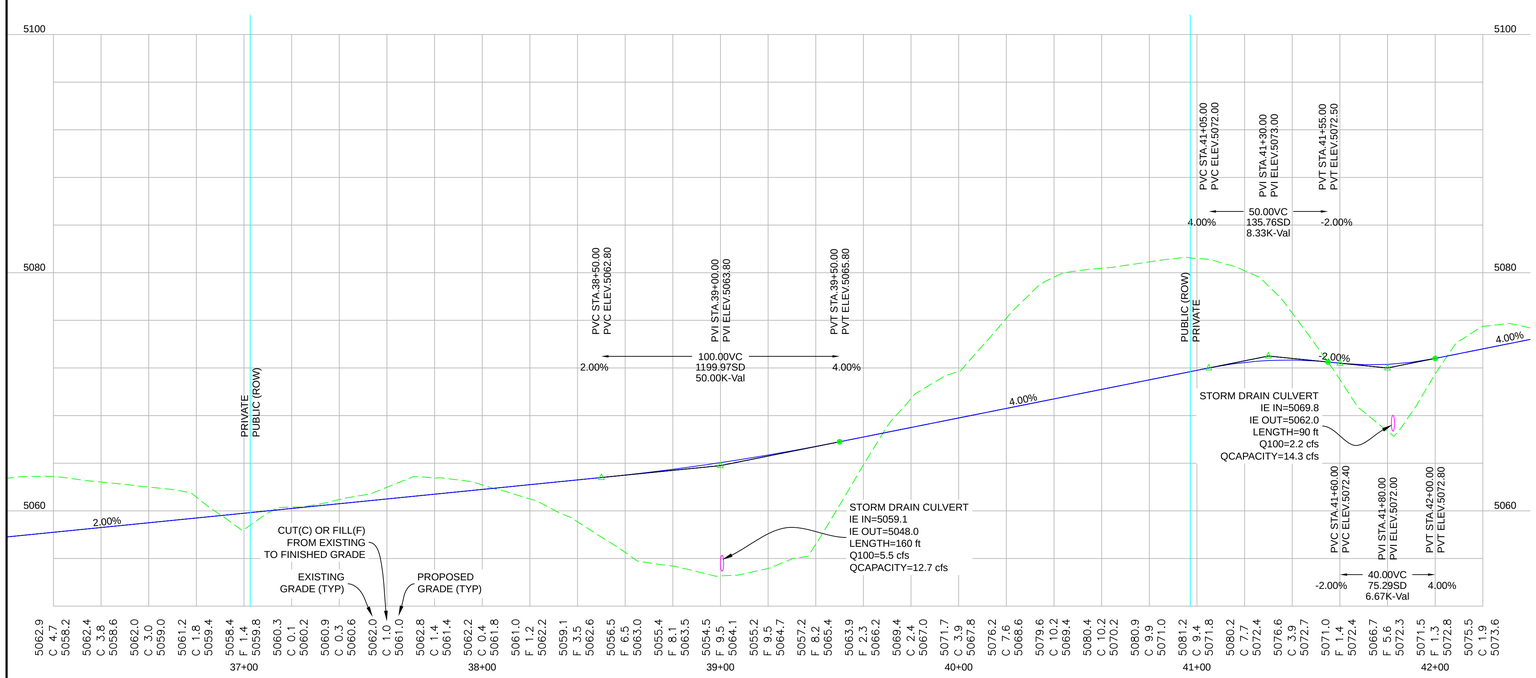
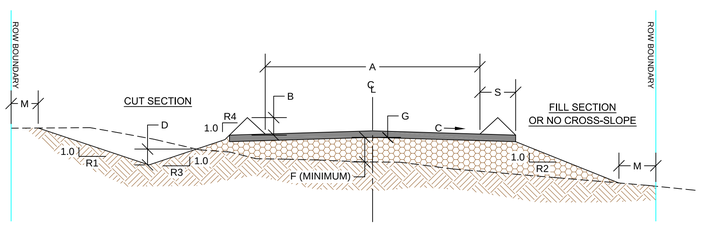


ROADWAY PLAN



ROADWAY PROFILE

HOR. SCALE: 1"=30'
VER. SCALE: 1"=6'



NOTES:

1) MAIN ACCESS ROAD TO PROVIDE LIFE-OF-MINE MAIN TRAFFIC ROUTE; DESIGNED FOR HEAVY CONSTRUCTION TRAFFIC AND MINIMUM MAINTENANCE THEREAFTER.

2) SURFACE SHALL CONSIST OF MATERIAL SUBSTANTIALLY SIMILAR TO TYPE II, CLASS B AGGREGATE BASE COMPACTED TO 93% OF ASTM D-1557 (MINIMUM)

3) WHERE FILL SLOPES MUST BE STEEPER THAN 2:1 - INSTALL 3"-9" RIPRAP OR A APPROVED EQUIVALENT FOR EROSION PREVENTION & SLOPE STABILIZATION. SUBMIT PREFERRED STABILIZATION OPTION TO ENGINEER FOR APPROVAL.

4) WHERE CUT SLOPES ARE UNSTABLE AT THE DESIGN GRADE, PROVIDE "JERSEY BARRIER" ROCK PROTECTION AND CONSULT WITH ENGINEER FOR DESIGN APPROACH TO CONFORM TO LIMITS OF ALLOWABLE DISTURBANCE.

KEY	DESCRIPTION	VALUE	UNITS
A	TRAVEL WIDTH	60	FEET
B	BERM HEIGHT	2	FEET
S	SHOULDER / BERM	6	FEET
M	MAINTENANCE SETBACK (MIN)	10	FEET
D	DITCH DEPTH	-	INCHES
C	CROWN	-	PERCENT
G	SURFACE (SEE NOTES)	6	INCHES
F	STRUCTURAL FILL (SEE NOTES)	-	INCHES
R1	CUT SLOPE RATIO	0.5	:1
R2	FILL SLOPE RATIO	2.5	:1
R3	DITCH SLOPE RATIO	N/A	:1
R4	BERM SLOPE RATIO	1.5	:1

TYPICAL ROADWAY SECTION

LUDWIG PROJECT
ACCESS & ROW PLANNING
APPENDIX A-3
ROADWAY PLAN & PROFILE
LYON COUNTY NEVADA
PROJECT NO. 1-353-04-004

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DATE: 2014-10-17

NO	DESCRIPTION	DATE	BY	CHK'D
P1	PUBLISHED FOR REVIEW	2014-09-22	SN	NER
1	PLAN OF DEVELOPMENT FULL PUBLICAITON	2014-10-17	NER	NER

REVISIONS

REFERENCES 1 2 3 4 5 6

SHEET
A-3