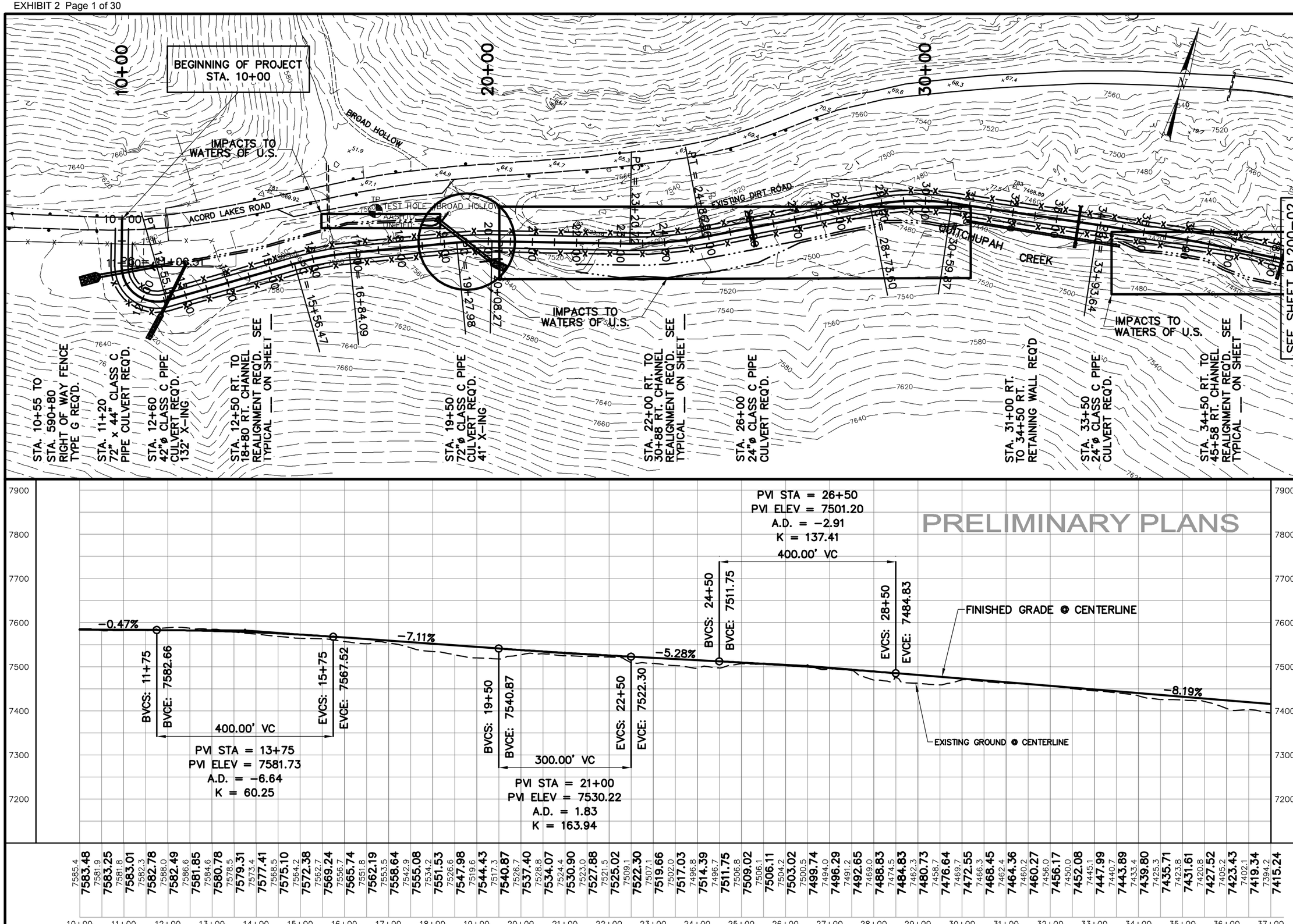

NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-01

SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DESIGN: G.M. 11-06	CHECK: T.D. 11-06	REVIEW	
DRAWN: B.L. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

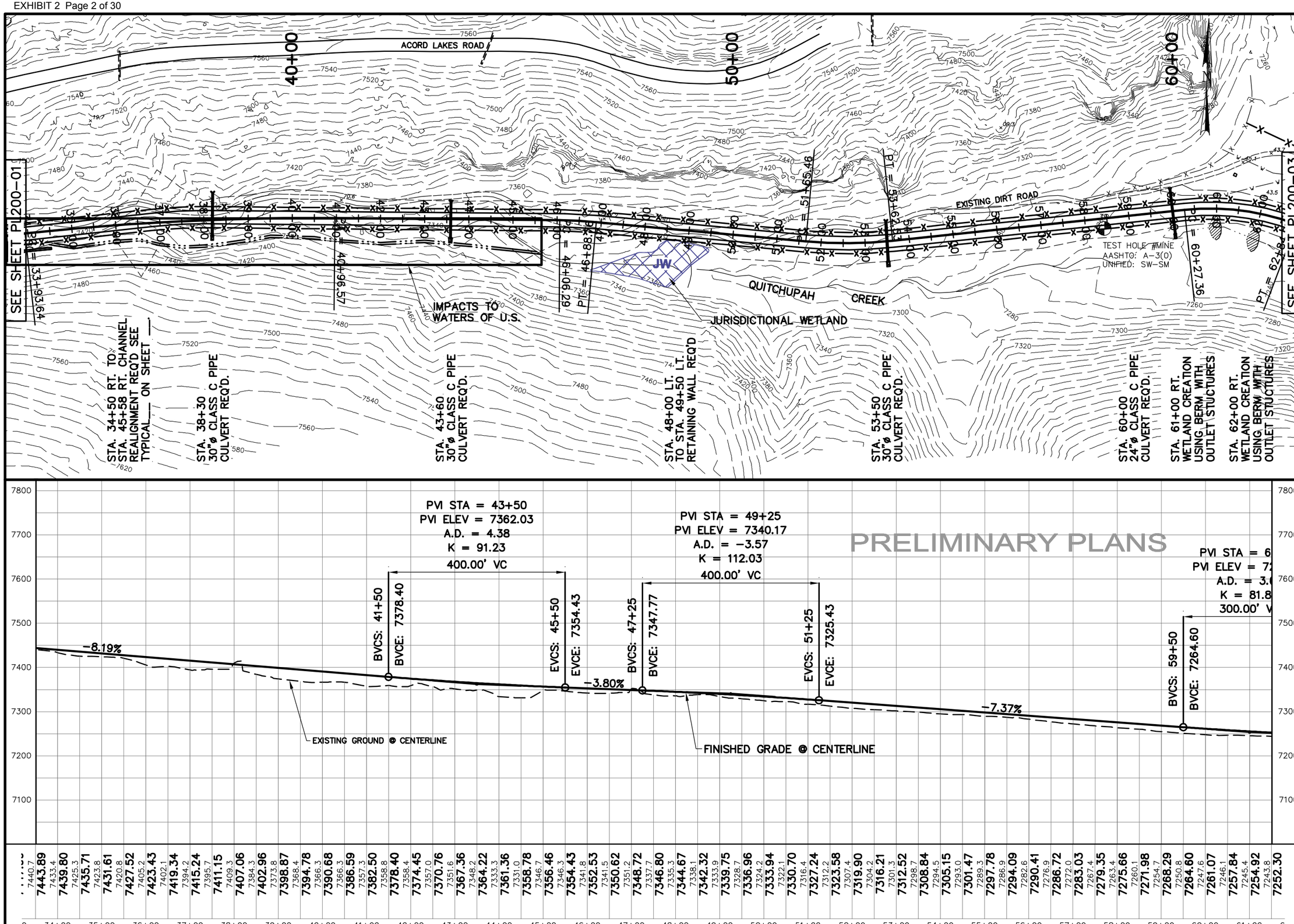
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-01



NO.	DATE	DESCRIPTION REV. BY	MAPS, PROJECT, REQUEST CORR. BY	REMARKS
				REVISIONS
				ORIGINAL SUBMISSION FOR AUTHORIZATION

SCALE: 1:200 H & V

DWG NAME: PP200-02 | DWG CREATED: 11/02/2006 | LAST UPDATE: 1/3/2007

SHT SET: QUITCHUPAH CREEK | PRINTED BY: GMM | PRINTED ON: 1/3/2007

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DRAWN:	B.L.	11-06	G.M.
QUANT:			

REVIEW
DATE:
BY:

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1

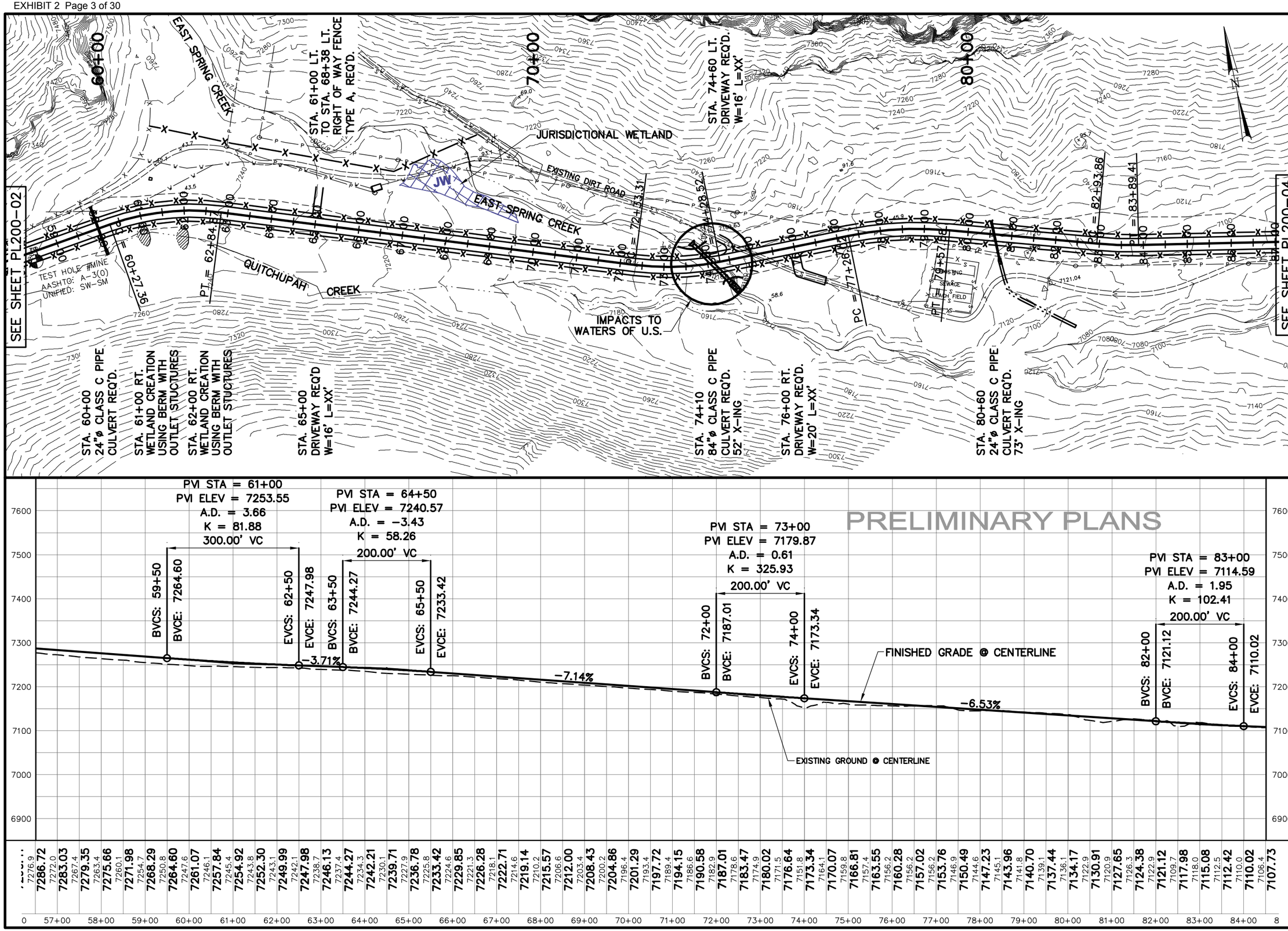
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-02



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-03

SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DRAWN: B.L. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

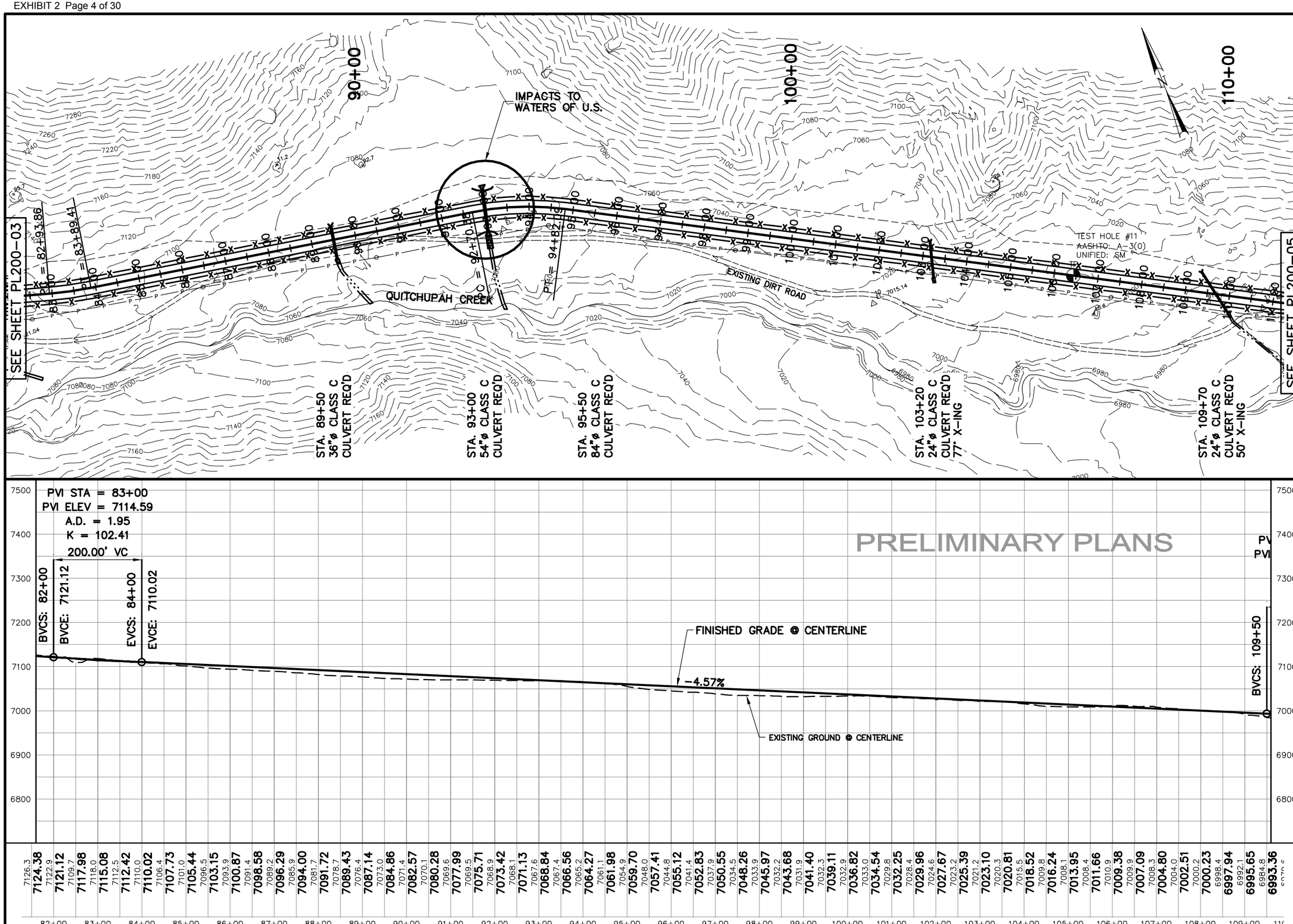
QIUTCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-03



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-04

SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DRAWN: B.L. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

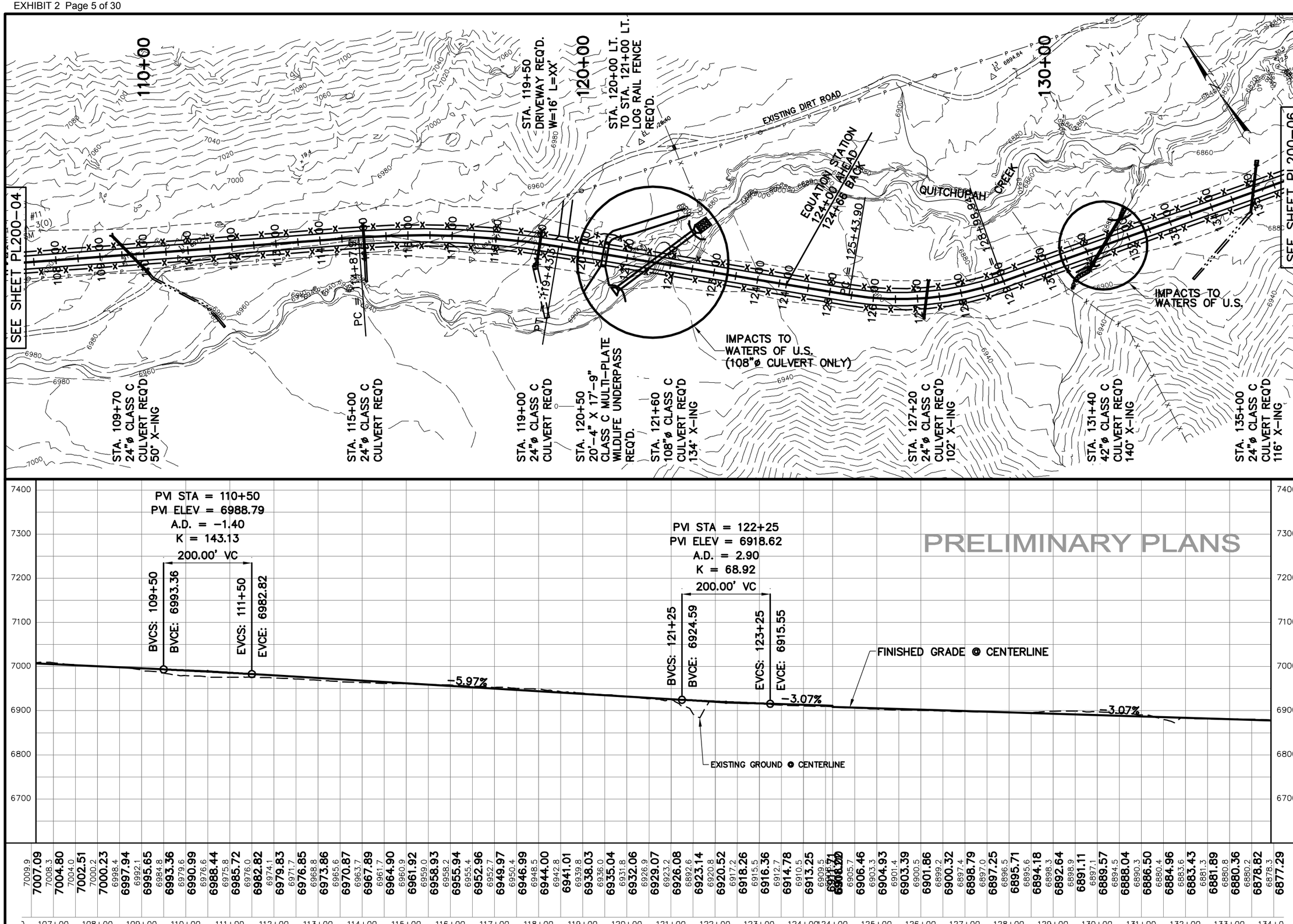
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-04



NO.	DATE	DESIGNER REV. BY	MAPS CORR. BY	PROJECT REQUEST BY	REMARKS

REVISIONS

ORIGINAL SUBMISSION FOR AUTHORIZATION

SCALE: 1:200 H & V

DWG NAME: PP200-05
SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006
PRINTED BY: GLENN MARSHALL ON 1/3/2007 2:30:00 PM

LAST UPDATE: 1/3/2007

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DRAWN:	B.L.	11-06	CHECK: G.M. 11-06
QUANT:	.		CHECK: .

REVIEW
DATE: .
BY: .

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1

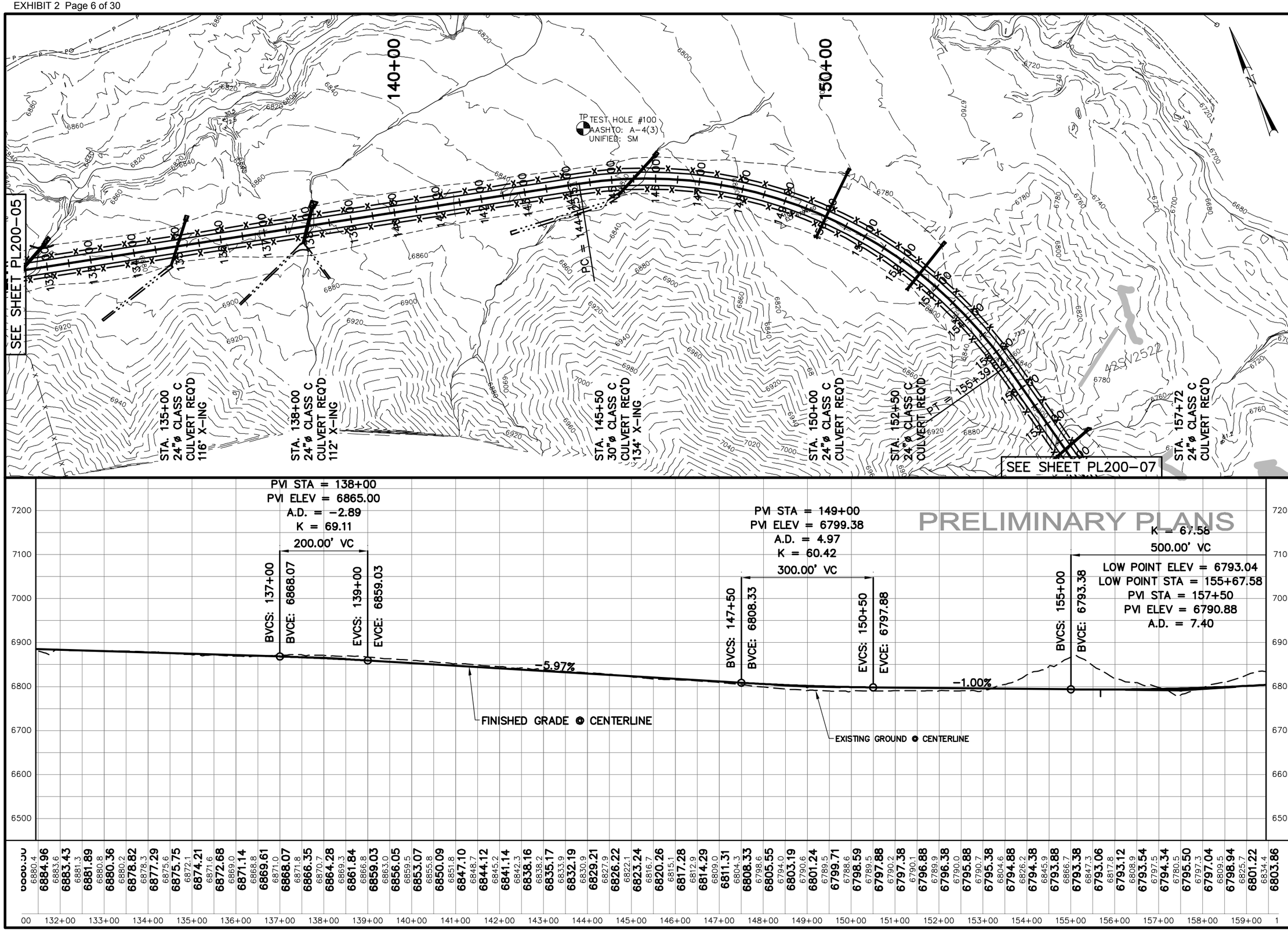
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER
COUNTY

SHEET NO. 200-05



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-06

SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DRAWN: B.L. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

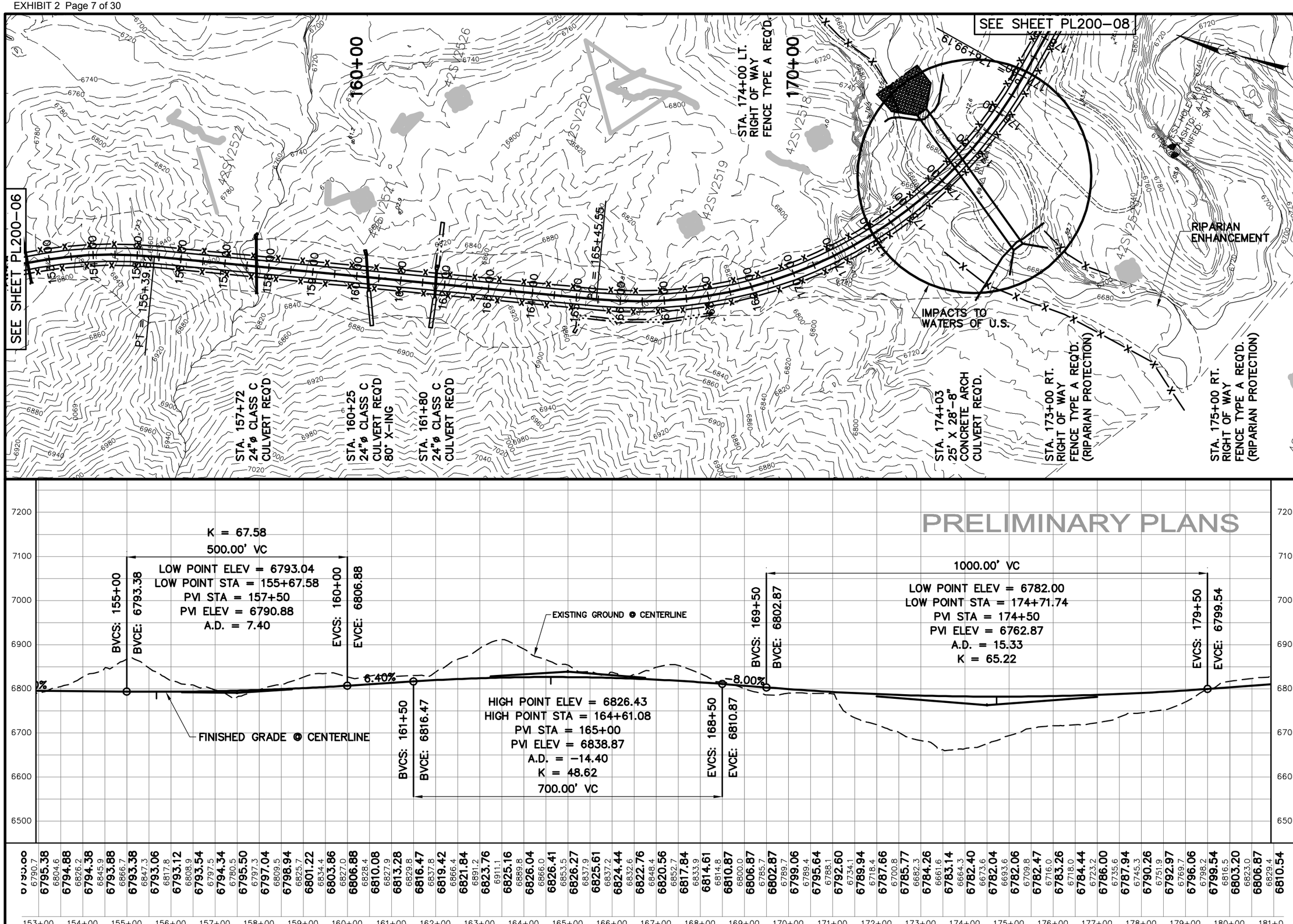
QUITHCUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-06



NO.	DATE	DESCRIPTION REV. BY	MAPS CORR. BY	PROJECTS AFFECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-07
SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006
PRINTED BY: DELL CHAPPELL
PRINTED: 1/3/2007

LAST UPDATE: 1/3/2007

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DESIGN:	G.M. 11-06	CHECK: T.D. 11-06	REVIEW
DRAWN:	B.L. 11-06	CHECK: G.M. 11-06	DATE:
QUANT:		CHECK:	BY:

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1

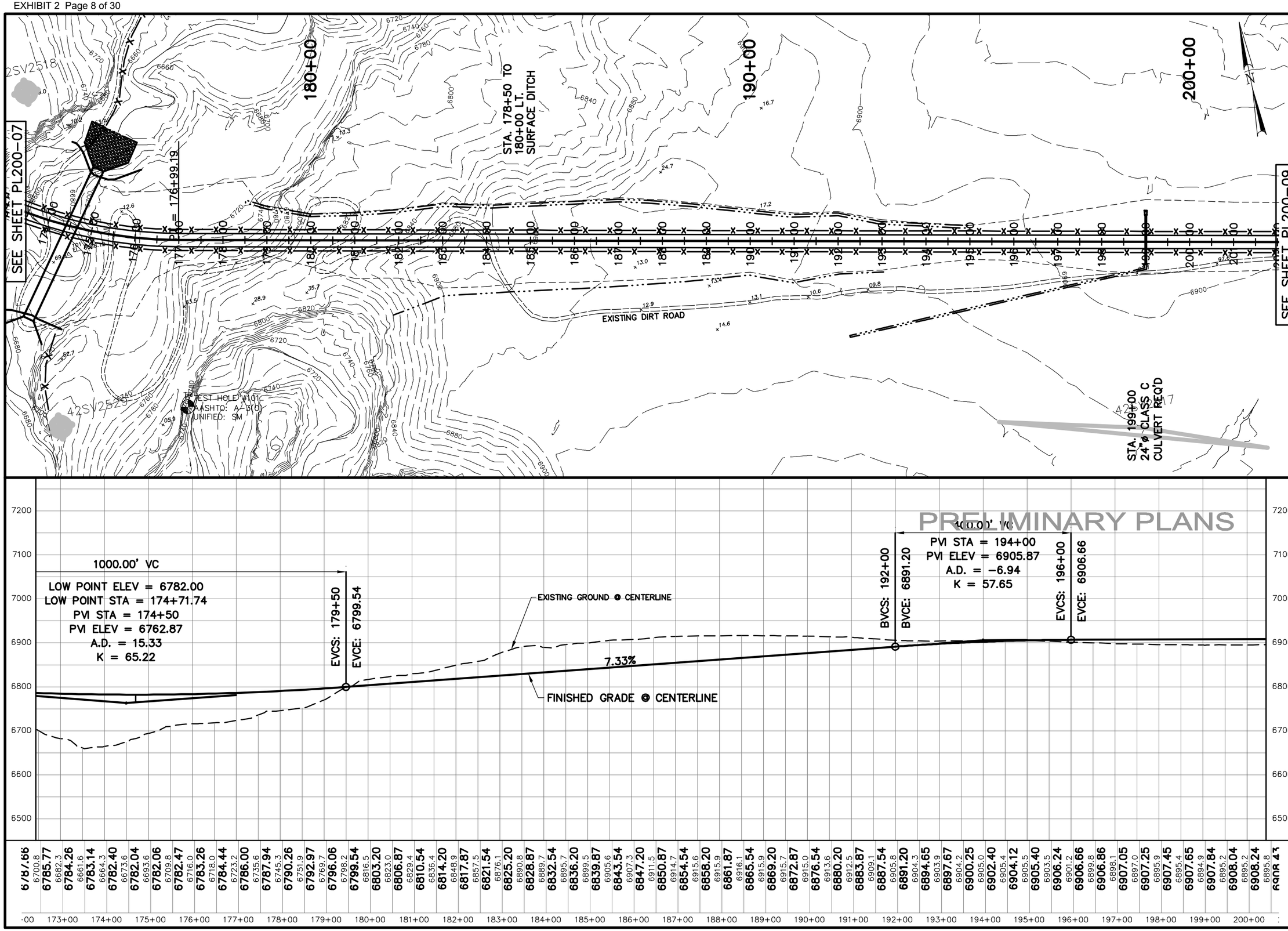
QUITHCUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER
COUNTY

SHEET NO. 200-07


SEE SHEET PL200-07
SEE SHEET PL200-09
180+00
190+00
200+00
STA. 178+50 TO
180+00 LT.
SURFACE DITCH
176+99.19
EXISTING DIRT ROAD
TEST HOLE #101
AASHTO: A-3(0)
UNIFIED: SM
STA. 199+00
24"ø CLASS C
CULVERT REQ'D
PRELIMINARY PLANS
1000.00' VC
LOW POINT ELEV = 6782.00
LOW POINT STA = 174+71.74
PVI STA = 174+50
PVI ELEV = 6762.87
A.D. = 15.33
K = 65.22
EVCS: 179+50
EVCE: 6799.54
EXISTING GROUND @ CENTERLINE
7.33%
FINISHED GRADE @ CENTERLINE
BVCS: 192+00
BVCE: 6891.20
1000.00' VC
PVI STA = 194+00
PVI ELEV = 6905.87
A.D. = -6.94
K = 57.65
EVCS: 196+00
EVCE: 6906.66
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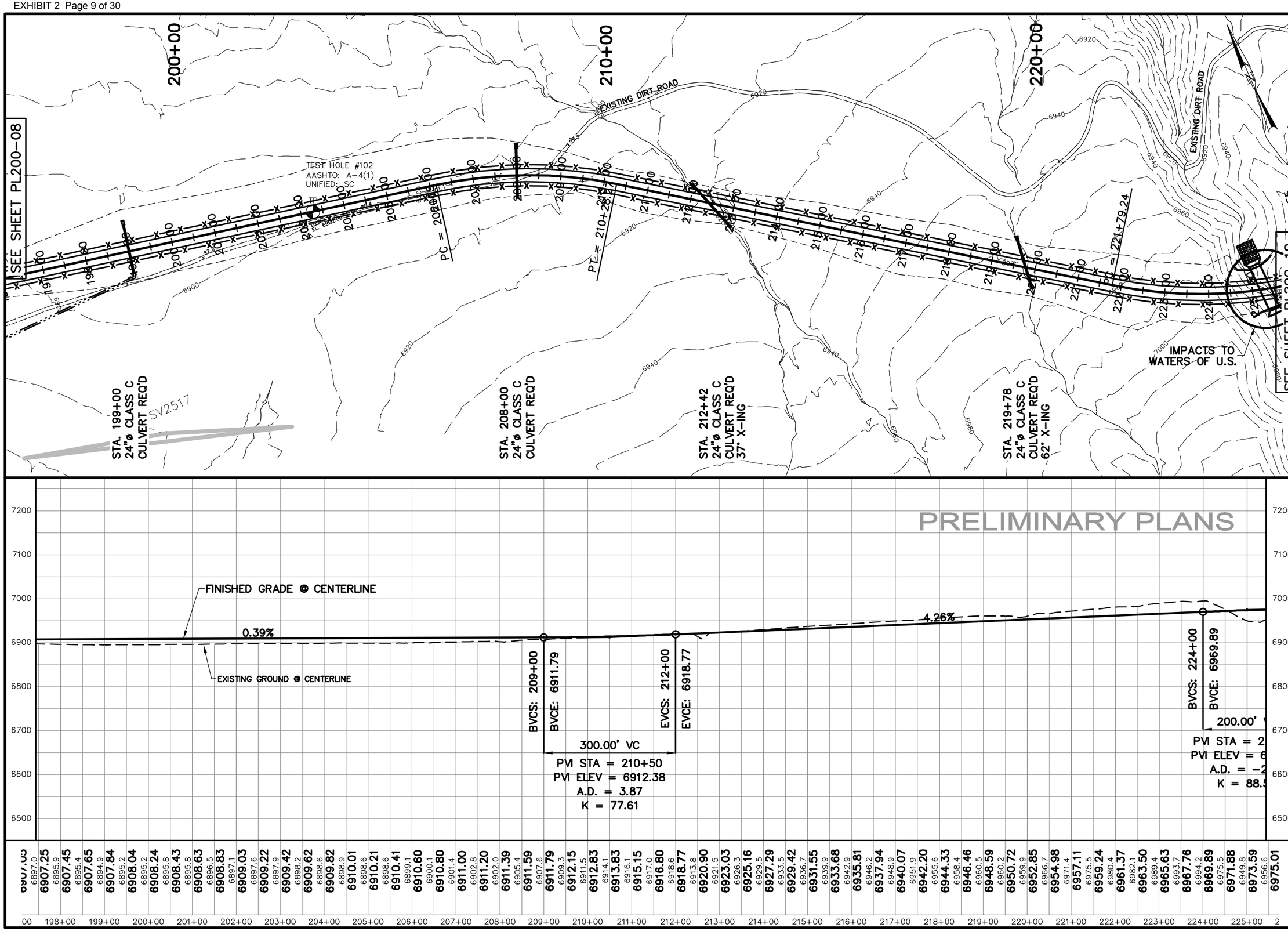
SEVIER COUNTY - SSD #1
QUITCHUPAH ROAD
PLAN & PROFILE SHEET
PROJECT NUMBER: 0607-002
SEVIER COUNTY
SHEET NO. 200-08
REVIEW
ORIGINAL SUBMISSION FOR AUTHORIZATION
REVISIONS
DWG NAME: PP200-08
DWG CREATED: 11/02/2006
LAST UPDATE: 1/3/2007
SCALE: 1:200 H & V



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-09

SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DRAWN: B.L. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

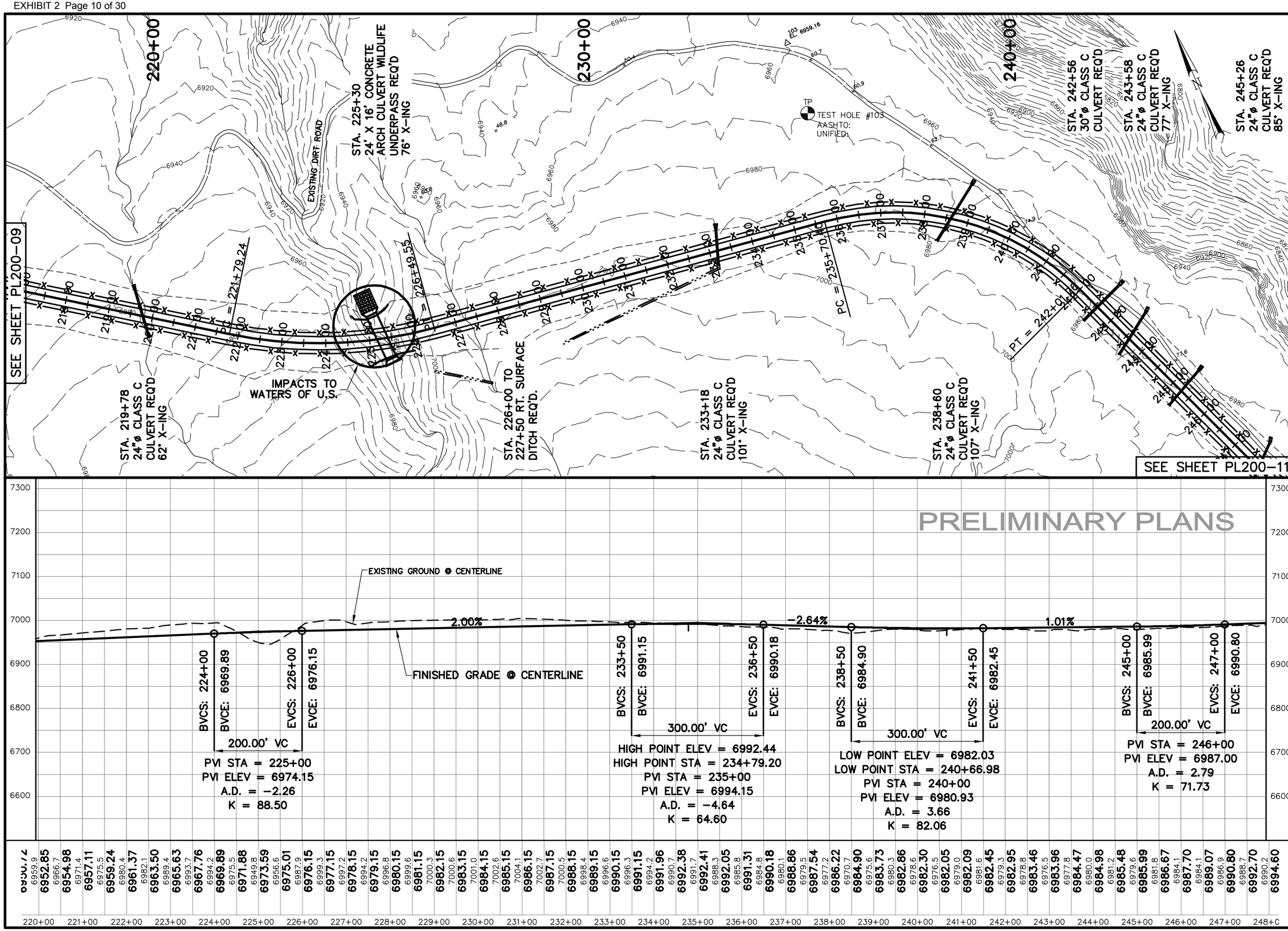
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-09



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NO.	DATE	DESCRIPTION REV. BY	MAPS CORR. BY	PROJECT REFLECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

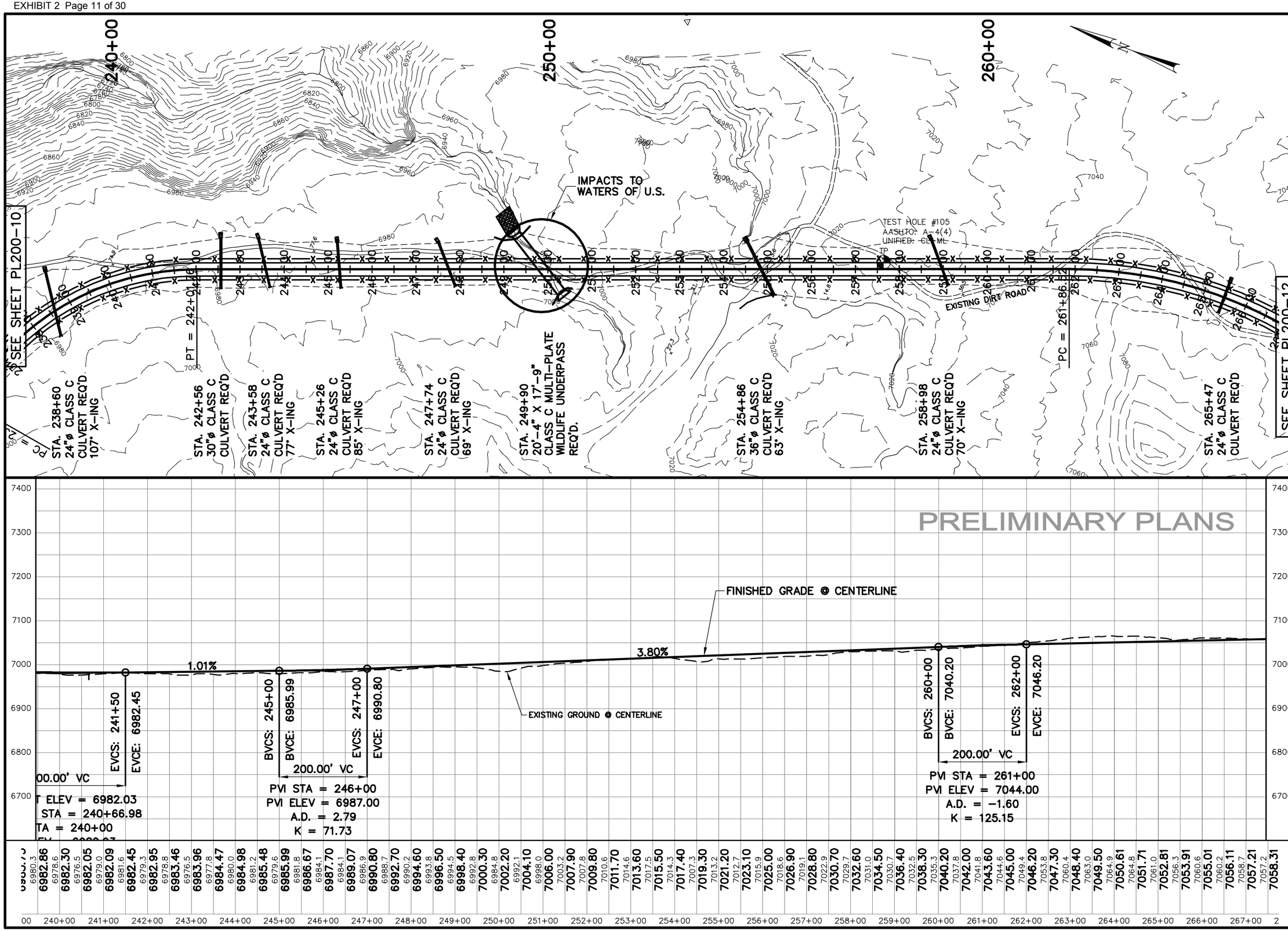
DWG NAME: PP200-10
SHT SET: QUITCHUPAH CREEK
DWG CREATED: 11/02/2006
PLOTTED BY: TODD DELLON, 11/06/2006 2:26 PM
LAST UPDATE: 1/3/2007

DESIGN: G.M. 11-06	CHECK: T.D. 11-06	REVIEW	
DRAWN: B.L. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1
QUITCHUPAH ROAD
PLAN & PROFILE SHEET
PROJECT NUMBER: 0607-002

SEVIER
COUNTY
SHEET NO. 200-10



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS

ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-11

SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DRAWN: B.L. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

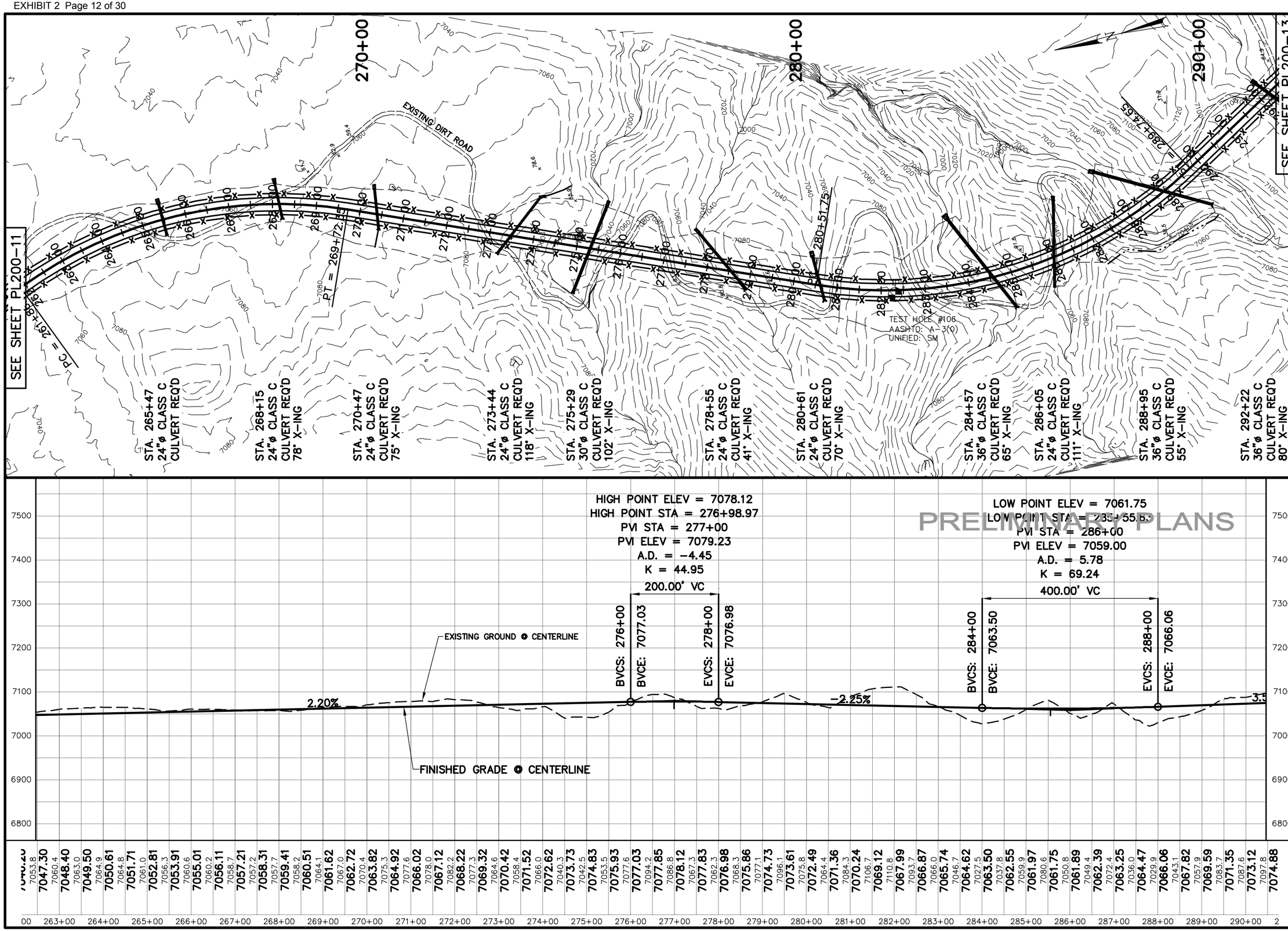
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-11



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS

ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-12

SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006

LAST UPDATE: 12/29/2006

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DRAWN: B.L. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

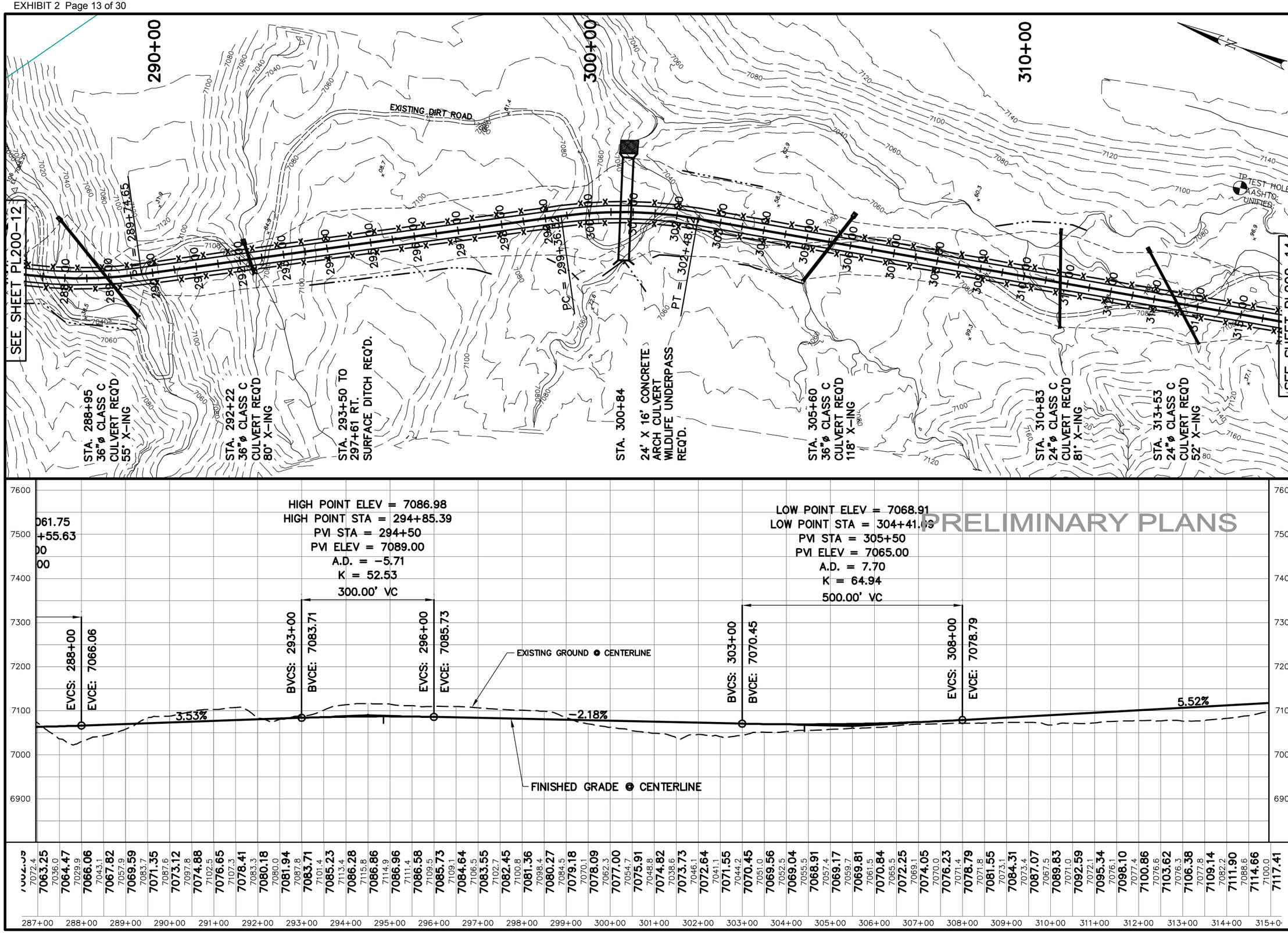
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-12



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-13
SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006
PENTRIBE: TSHOLLOW BENCH.PRO

LAST UPDATE: 1/3/2007

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DESIGN: G.M. 11-06
DRAWN: B.L. 11-06
QUANT: -

CHECK: T.D. 11-06
CHECK: G.M. 11-06
CHECK: -

REVIEW
DATE: -
BY: -

APPROVAL RECOMM: DATE
PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1

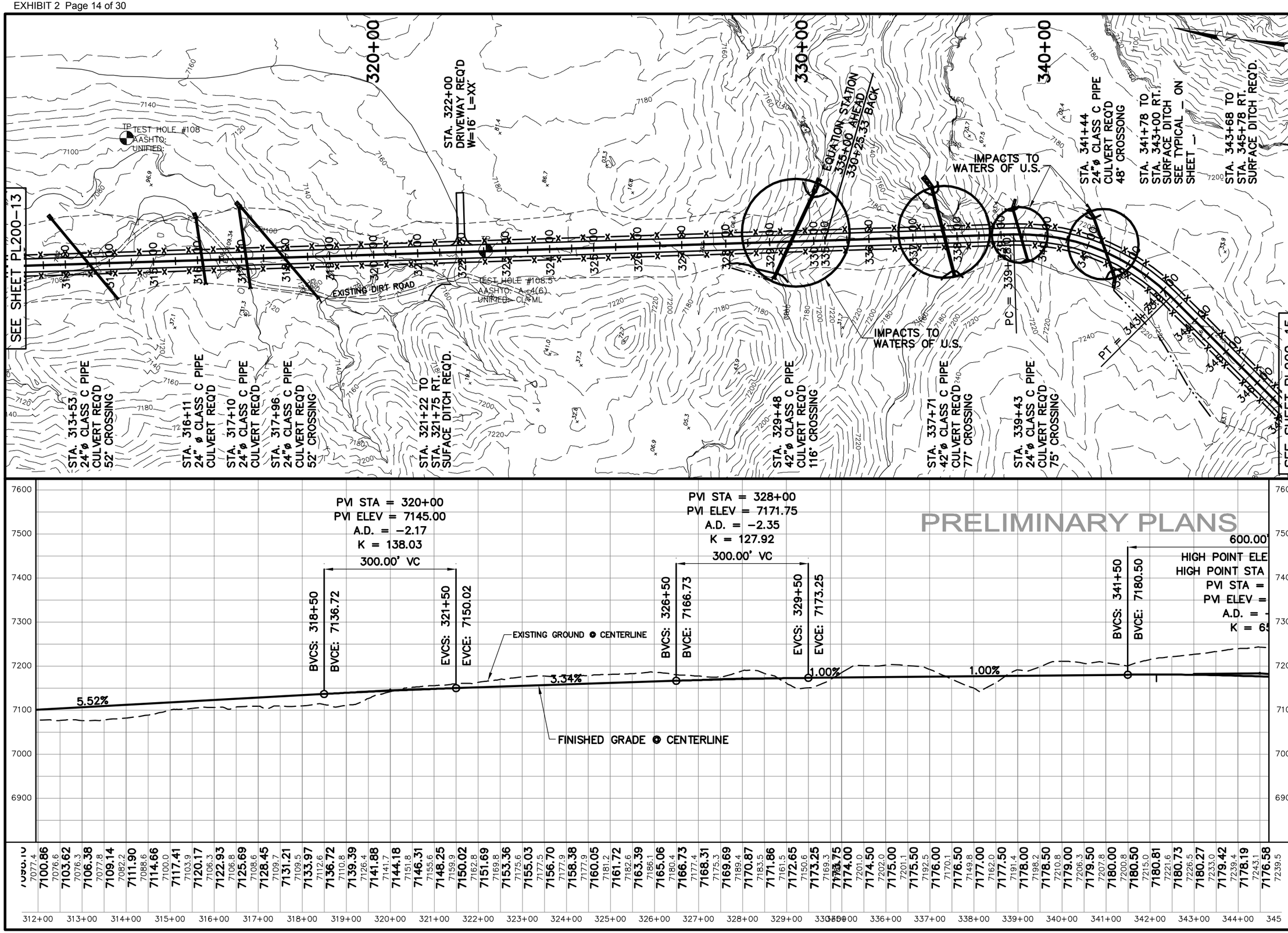
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-13



NO.	DATE	DESCRIPTION REV. BY	MARK CORR. BY	PROJECT REJECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-14
SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006
DWG NAME: PP200-14 TEST HOLE LOCATIONS.dwg

LAST UPDATE: 1/3/2007

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DRAWN:	B.L.	11-06	CHECK:	G.M.	11-06	DATE:
QUANT:			CHECK:			BY:

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1

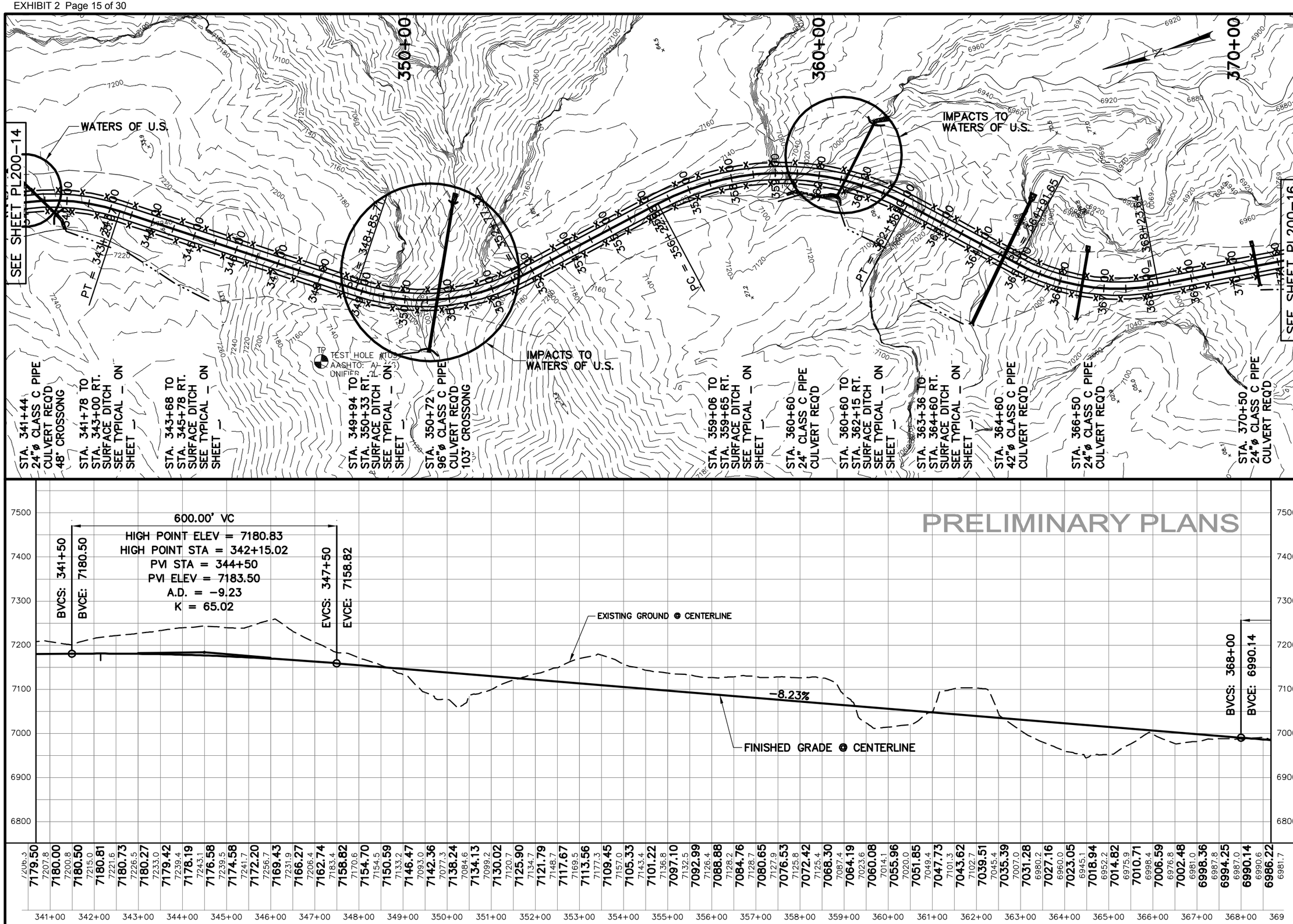
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-14



NO.	DATE	DESCRIPTION REV. BY	MARK CORR. BY	PROJECT REFERENCE	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-15
SHT SET: QUITCHUPAH CREEK
DWG CREATED: 11/02/2006
PRINTED BY: DELL ON SEVCOUNTY
LAST UPDATE: 1/3/2007

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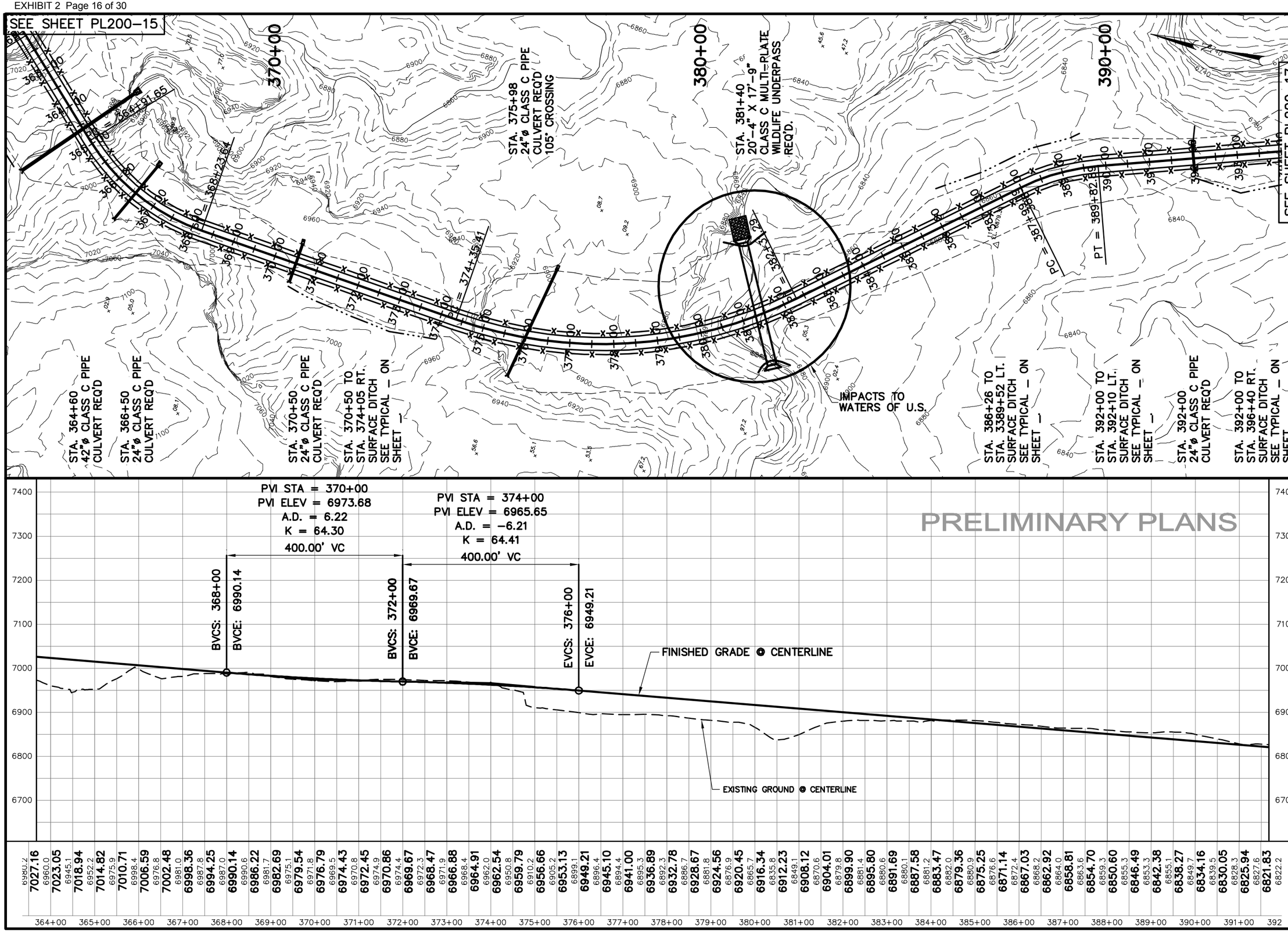
DRAWN:	K.J	11-06	CHECK: G.M. 11-06
QUANT:	.		CHECK: .

REVIEW
DATE: .
BY: .

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1
QUITCHUPAH ROAD
PLAN & PROFILE SHEET
PROJECT NUMBER: 0607-002

SEVIER
COUNTY
SHEET NO. 200-15


SEE SHEET PL200-15
SEE SHEET PL200-17
370+00
380+00
390+00
STA. 364+60
42"ø CLASS C PIPE
CULVERT REQ'D
STA. 366+50
24"ø CLASS C PIPE
CULVERT REQ'D
STA. 370+50
24"ø CLASS C PIPE
CULVERT REQ'D
STA. 370+50 TO
STA. 374+05 RT.
SURFACE DITCH
SEE TYPICAL _ ON
SHEET _
STA. 375+98
24"ø CLASS C PIPE
CULVERT REQ'D
105' CROSSING
STA. 381+40
20'-4" X 17'-9"
CLASS C MULTI-PLATE
WILDLIFE UNDERPASS
REQ'D.
IMPACTS TO
WATERS OF U.S.
STA. 386+26 TO
STA. 389+52 LT.
SURFACE DITCH
SEE TYPICAL _ ON
SHEET _
STA. 392+00 TO
STA. 392+10 LT.
SURFACE DITCH
SEE TYPICAL _ ON
SHEET _
STA. 392+00
24"ø CLASS C PIPE
CULVERT REQ'D
STA. 392+00 TO
STA. 396+40 RT.
SURFACE DITCH
SEE TYPICAL _ ON
SHEET _
PC = 364+91.65
PC = 368+23.64
PC = 374+35.41
PC = 386+43.29
PC = 387+98.88
PT = 389+82.89
PVI STA = 370+00
PVI ELEV = 6973.68
A.D. = 6.22
K = 64.30
400.00' VC
PVI STA = 374+00
PVI ELEV = 6965.65
A.D. = -6.21
K = 64.41
400.00' VC
BVCS: 368+00
BVCE: 6990.14
BVCS: 372+00
BVCE: 6969.67
EVCS: 376+00
EVCE: 6949.21
FINISHED GRADE @ CENTERLINE
EXISTING GROUND @ CENTERLINE
PRELIMINARY PLANS
7027.16 7023.05 7018.94 7014.82 7010.71 7006.59 7002.48 6998.36 6994.25 6990.14 6986.22 6982.69 6979.54 6976.79 6974.43 6972.45 6970.86 6969.67 6968.47 6966.88 6964.91 6962.54 6959.79 6956.66 6953.13 6949.21 6945.10 6941.00 6936.89 6932.78 6928.67 6924.56 6920.45 6916.34 6912.23 6908.12 6904.01 6899.90 6895.80 6891.69 6887.58 6883.47 6879.36 6875.25 6871.14 6867.03 6862.92 6858.81 6854.70 6850.60 6846.49 6842.38 6838.27 6834.16 6830.05 6825.94 6821.83
364+00 365+00 366+00 367+00 368+00 369+00 370+00 371+00 372+00 373+00 374+00 375+00 376+00 377+00 378+00 379+00 380+00 381+00 382+00 383+00 384+00 385+00 386+00 387+00 388+00 389+00 390+00 391+00 392
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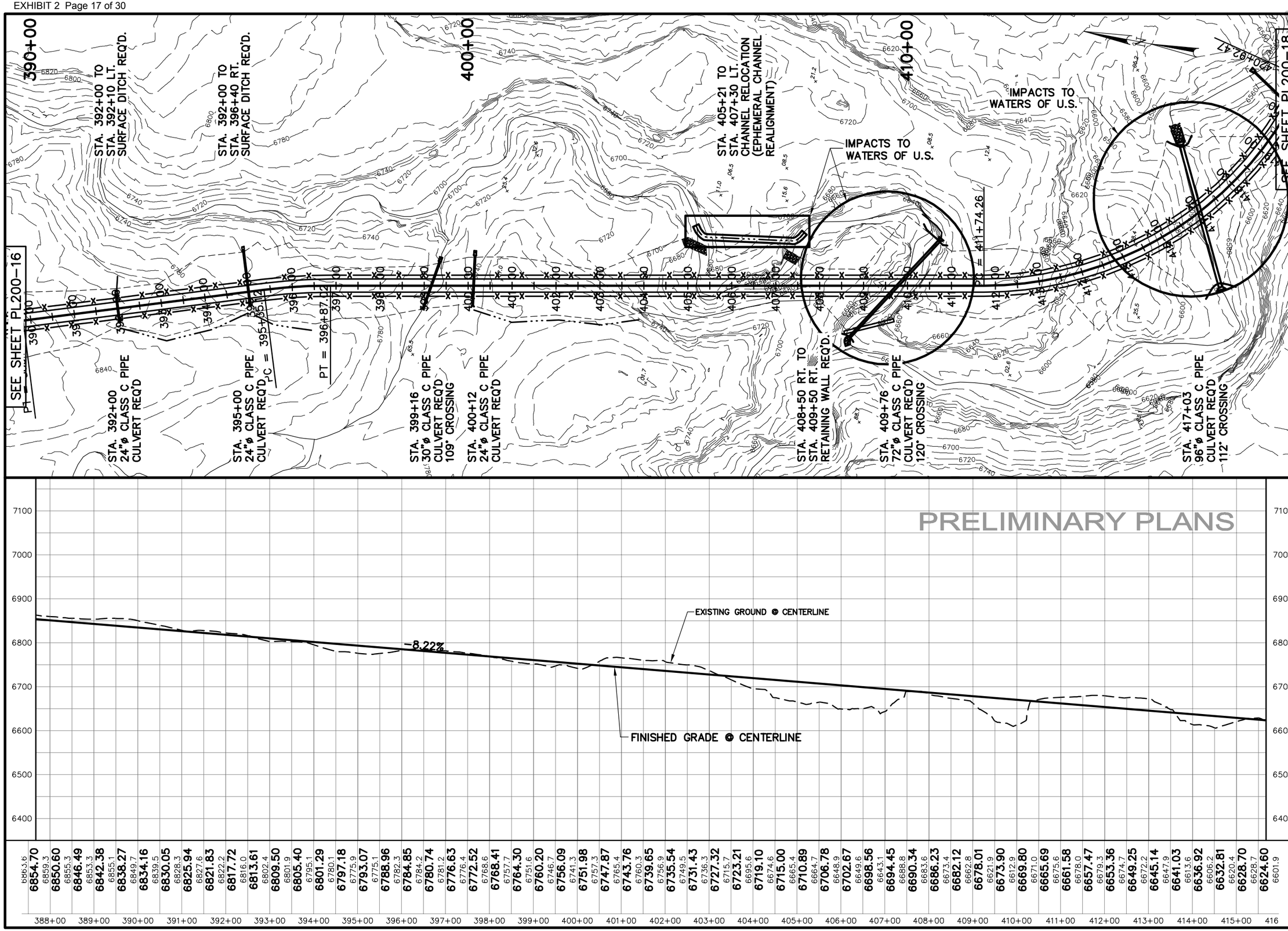
NO. DATE DESCRIPTION REQ. BY CORR. BY REQUEST BY REMARKS
ORIGINAL SUBMISSION FOR AUTHORIZATION
REVISIONS
SCALE: 1:200 H & V
DWG NAME: PP200-16
SHT SET: QUITCHUPAH CREEK
DWG CREATED: 11/02/2006
LAST UPDATE: 1/3/2007
DESIGN: G.M. 11-06
DRAWN: K.J. 11-06
QUANT:
CHECK: T.D. 11-06
CHECK: G.M. 11-06
CHECK:
REVIEW
DATE:
BY:
APPROVAL RECOMM: PROJECT DESIGN ENGINEER
APPROVED:
SEVIER COUNTY - SSD #1
QUITCHUPAH ROAD
PLAN & PROFILE SHEET
PROJECT NUMBER: 0607-002
SEVIER COUNTY
SHEET NO. 200-16



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-17

SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

Jones & DeMille Engineering

1535 South 100 West · Richfield, Utah 84701

Phone (435) 896-8266 Fax (435) 896-8268

www.jonesanddemille.com

DESIGN: G.M. 11-06	CHECK: T.D. 11-06	REVIEW	
DRAWN: K.J. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

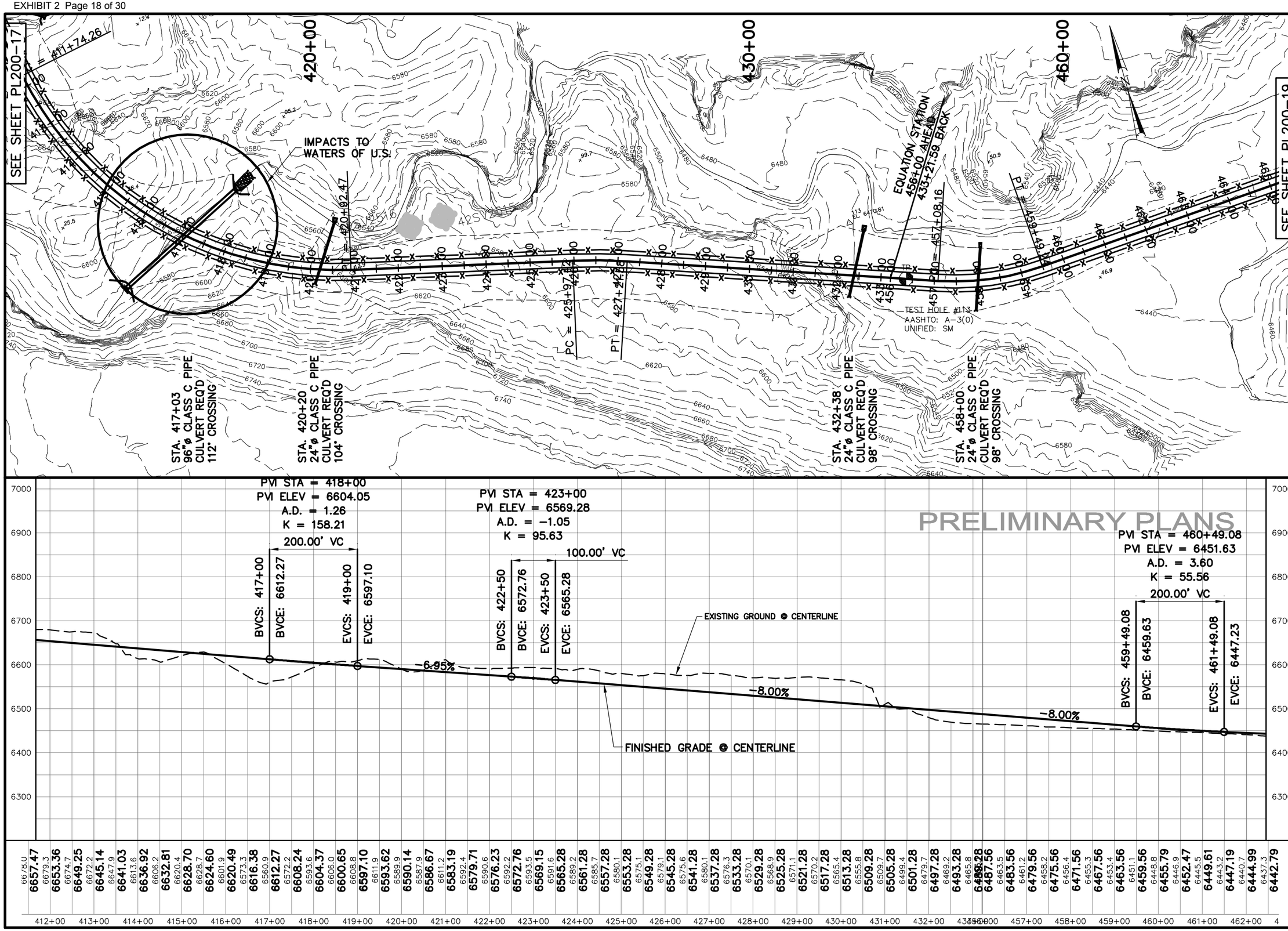
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-17



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-18

SHT SET: QUITCHUPAH CREEK PENTROLL OW BENCH RD.

DWG CREATED: 11/02/2006

LAST UPDATE: 12/29/2006

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DESIGN: G.M. 11-06	CHECK: T.D. 11-06	REVIEW	
DRAWN: K.J. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

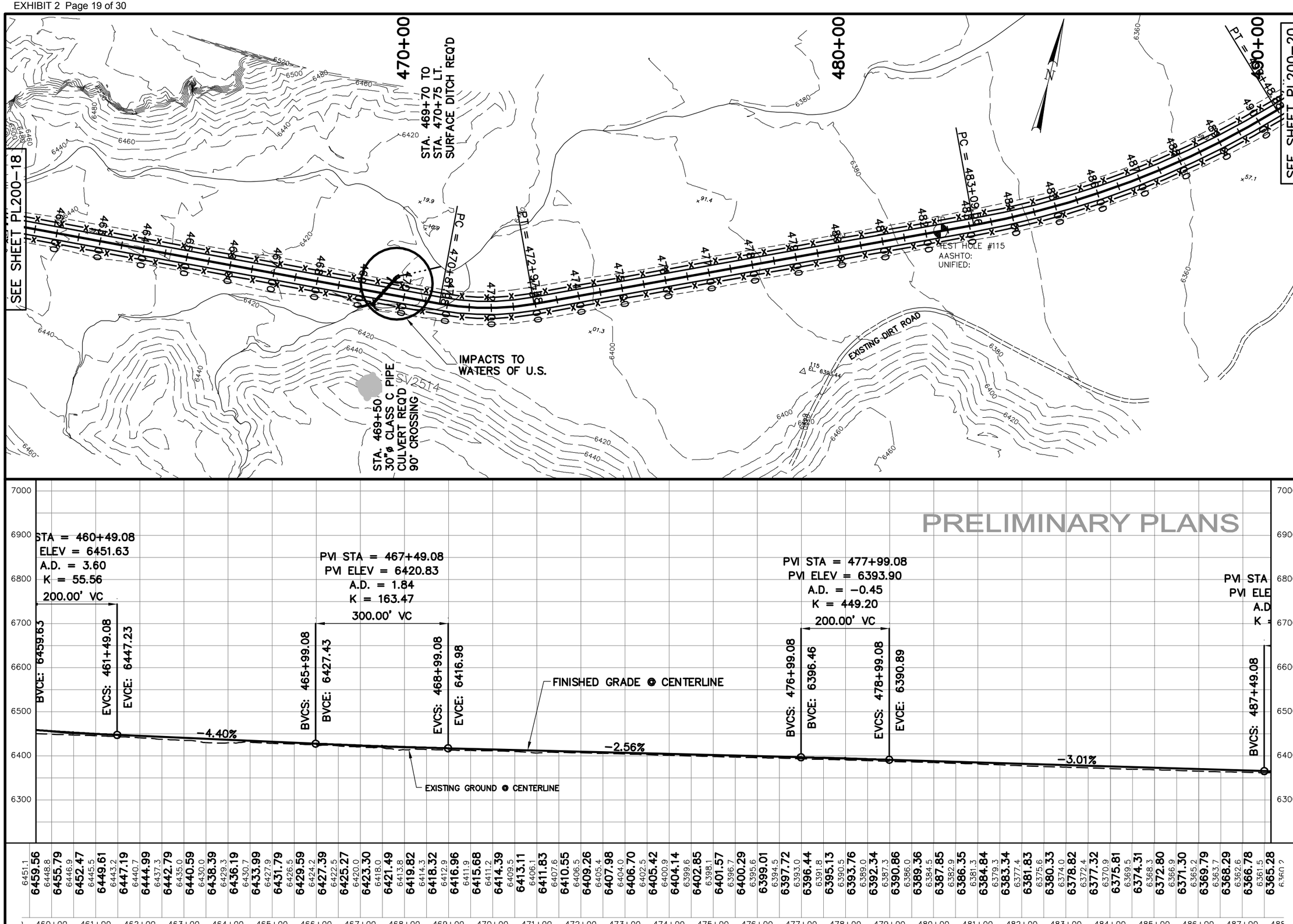
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-18



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-19

SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DESIGN: G.M. 11-06	CHECK: T.D. 11-06	REVIEW	
DRAWN: K.J. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

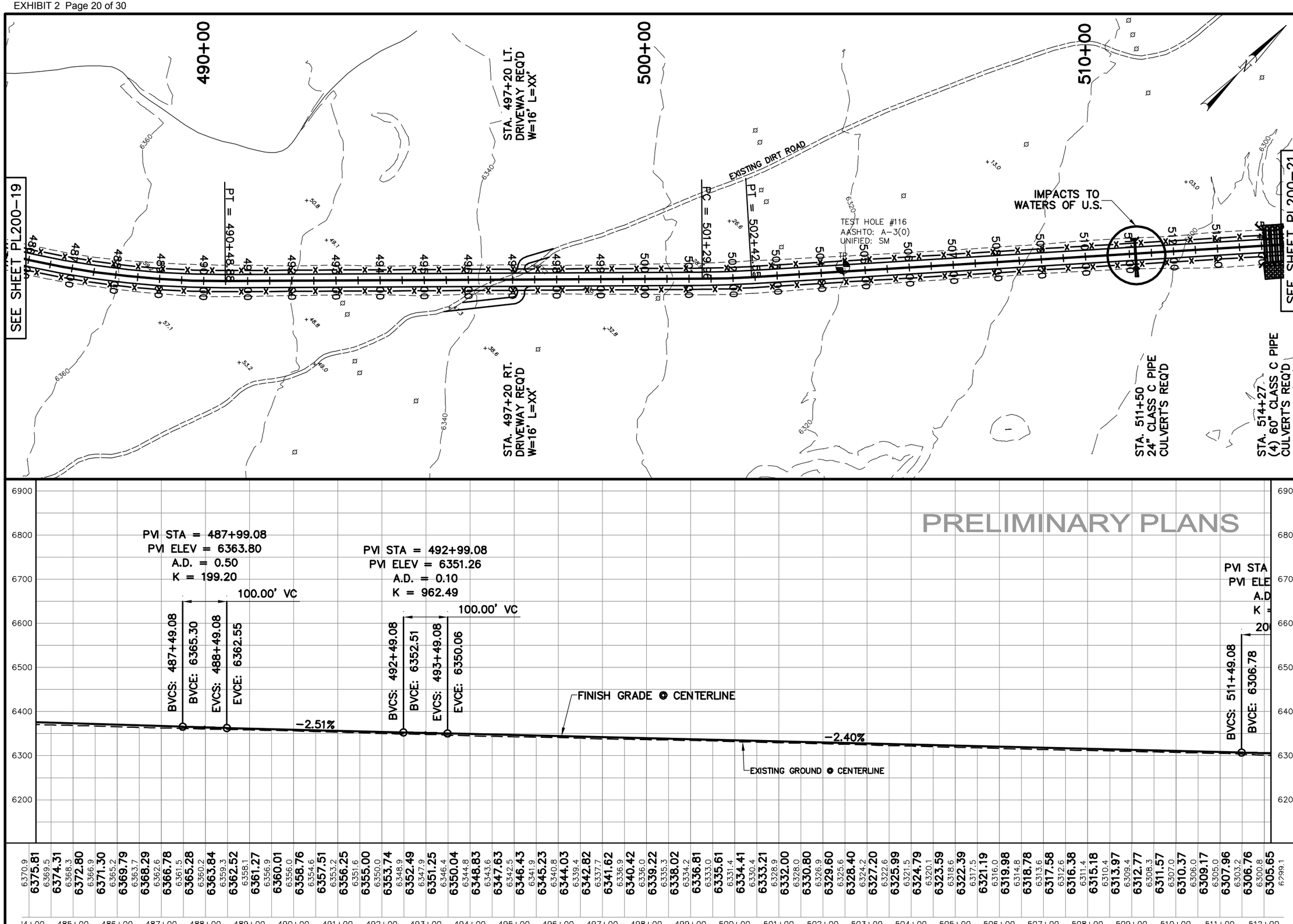
QUITHCUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-19



NO.	DATE	DESIGNER / REV. BY	MAPS / CORR. BY	PROJECT / AFFECTED	REQUEST BY	REMARKS
						ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-20
SHT SET: QUTCHUPAH CREEK
DWG CREATED: 11/02/2006
PRINTED BY: GMILLER
LAST UPDATE: 12/29/2006

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DESIGN:	G.M.	11-06	CHECK:	T.D.	11-06	REVIEW
DRAWN:	K.J.	11-06	CHECK:	G.M.	11-06	DATE:
QUANT:			CHECK:			BY:

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1

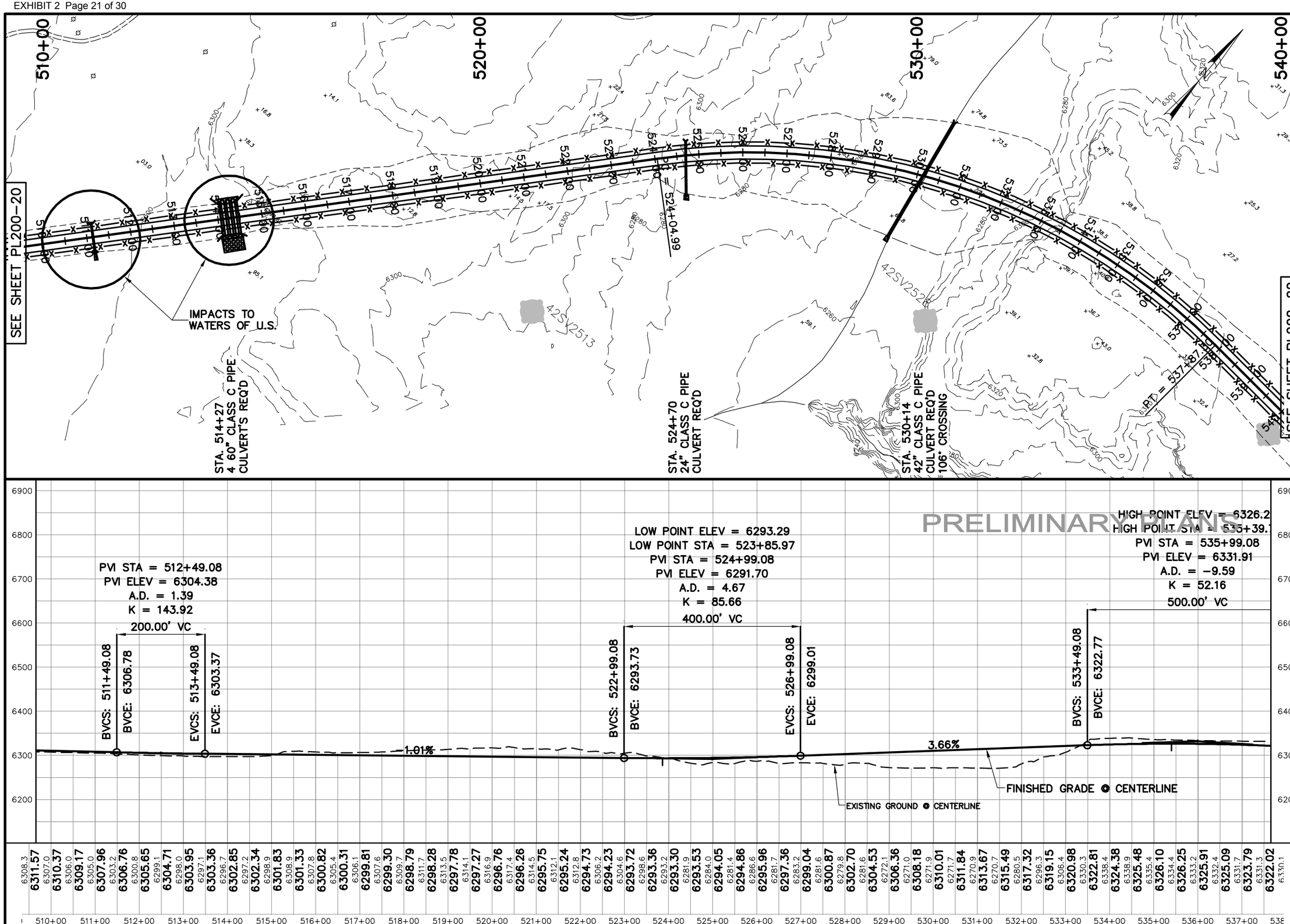
QUTICHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER
COUNTY

SHEET NO. 200-20



NO.	DATE	DESCRIPTION REV. BY	MARK CORR. BY	PROJECT REQUEST REJECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-21
SHT SET: OUITCHUPAH CREEK

DWG CREATED: 11/02/2006
PRINTED BY: DALLON BENCHARD
PRINTED: 1/3/2007

LAST UPDATE: 1/3/2007

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DESIGN:	G.M.	11-06	CHECK: T.D. 11-06
DRAWN:	K.J	11-06	CHECK: G.M. 11-06
QUANT:	.		CHECK: .

REVIEW
DATE: .
BY: .

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1

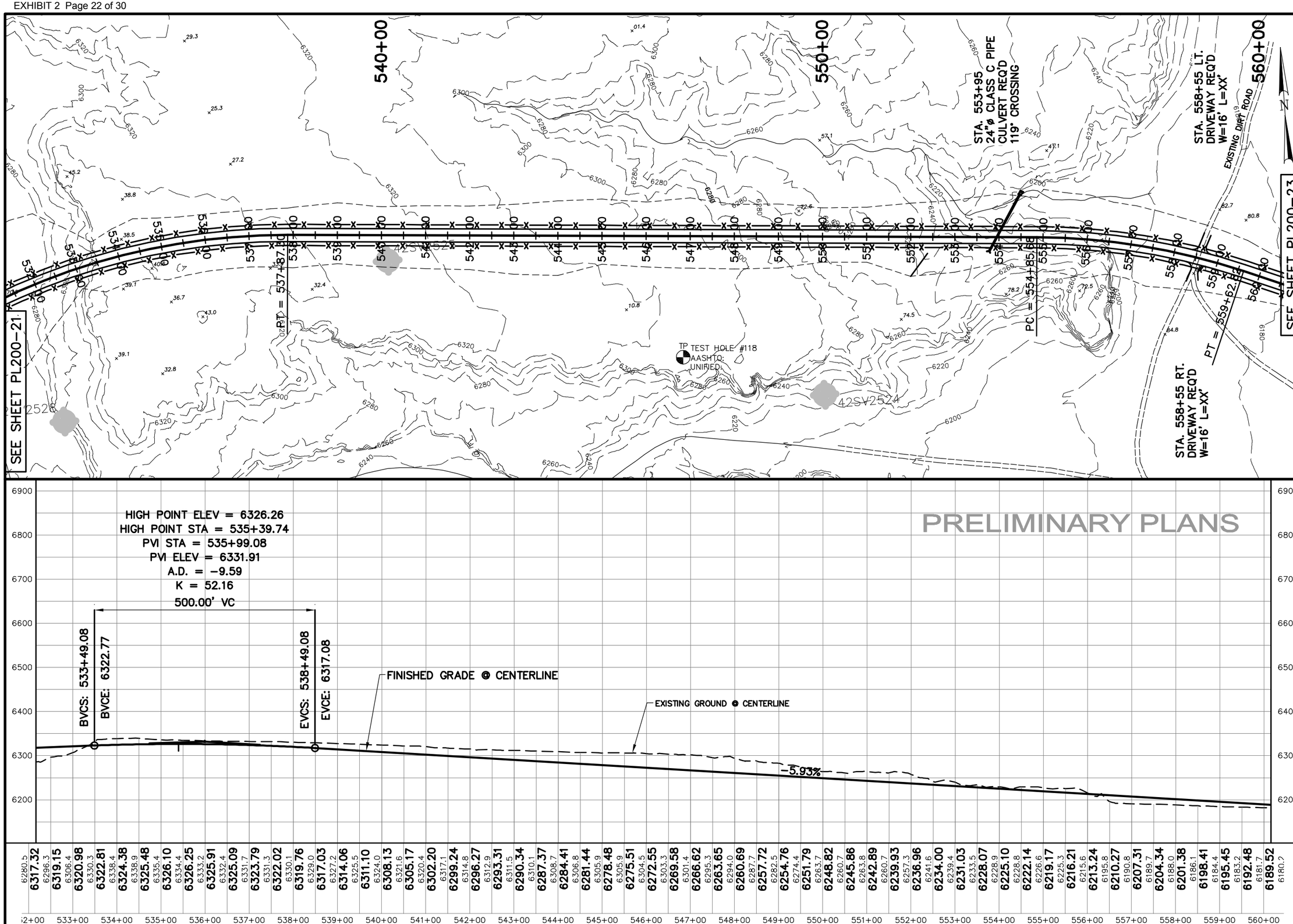
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER
COUNTY

SHEET NO. 200-21



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS
		ORIGINAL SUBMISSION FOR AUTHORIZATION				

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-22

SHT SET: QUITCHUPAH CREEK PROFILE

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DESIGN: G.M. 11-06	CHECK: T.D. 11-06	REVIEW	
DRAWN: K.J. 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

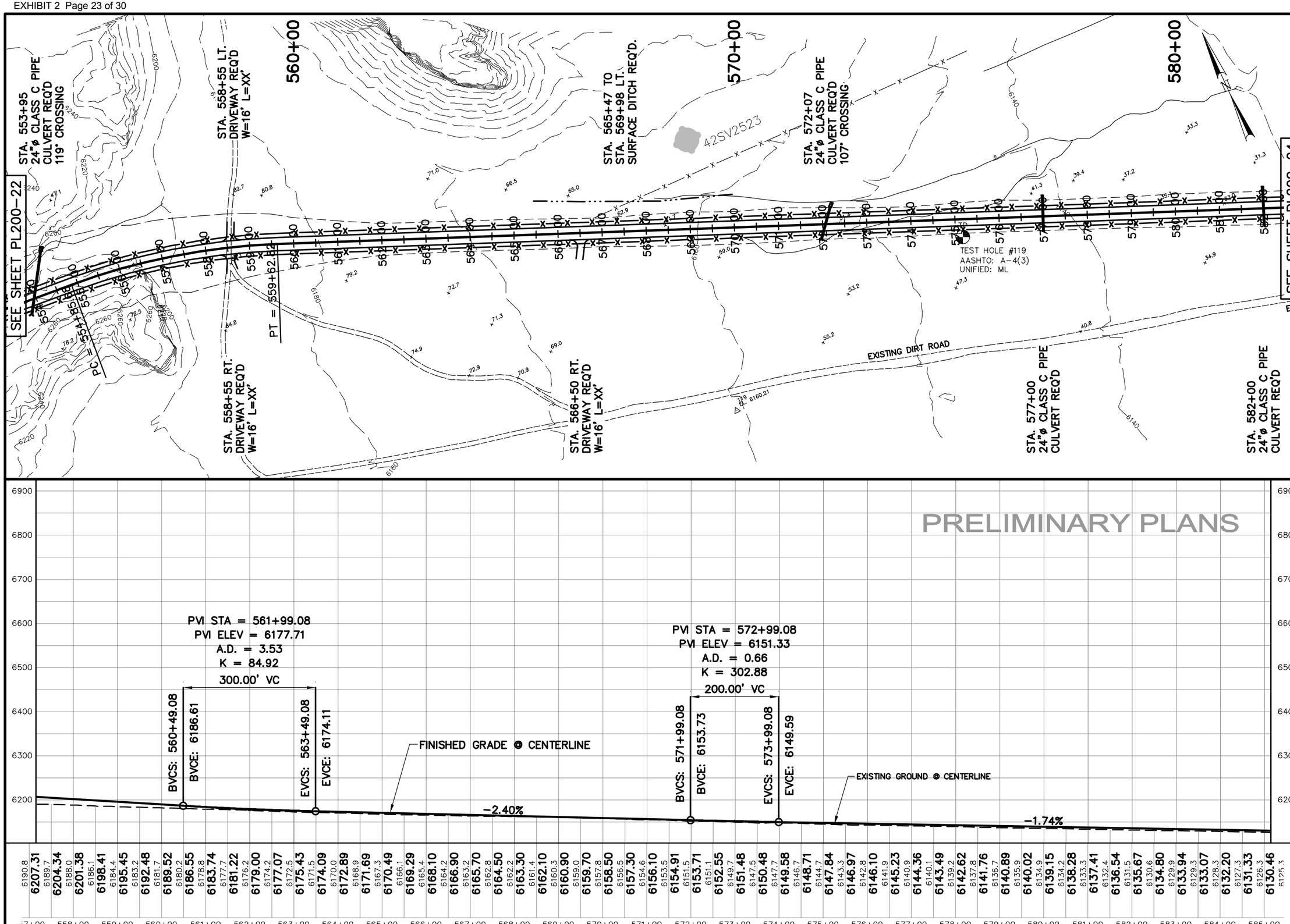
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-22



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PROJECT REQUEST BY	REMARKS
					ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-23
SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006
PRINTED: 1/3/2007 11:06:11 AM BY: KJ
LAST UPDATE: 1/3/2007

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DRAWN:	K.J.	11-06	CHECK: G.M. 11-06 DATE: .
QUANT:	.		CHECK: . . BY: .

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER
APPROVED: DATE

SEVIER COUNTY - SSD #1

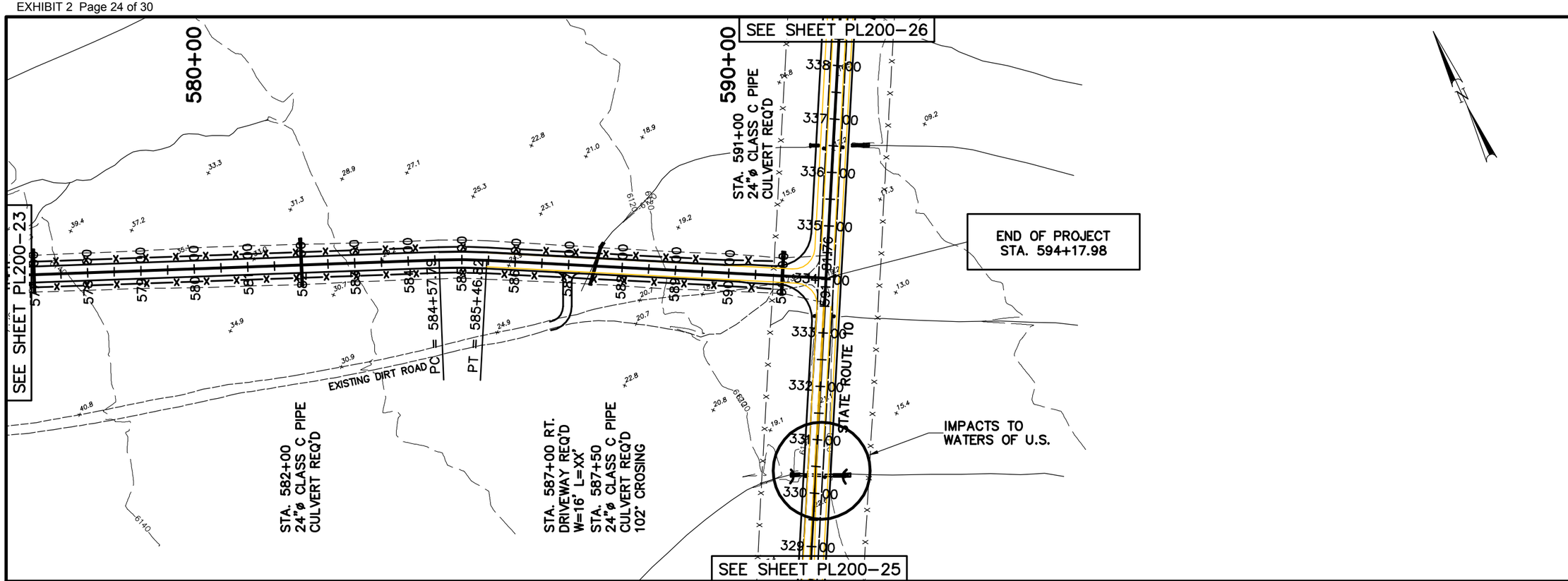
QUITCHUPAH ROAD

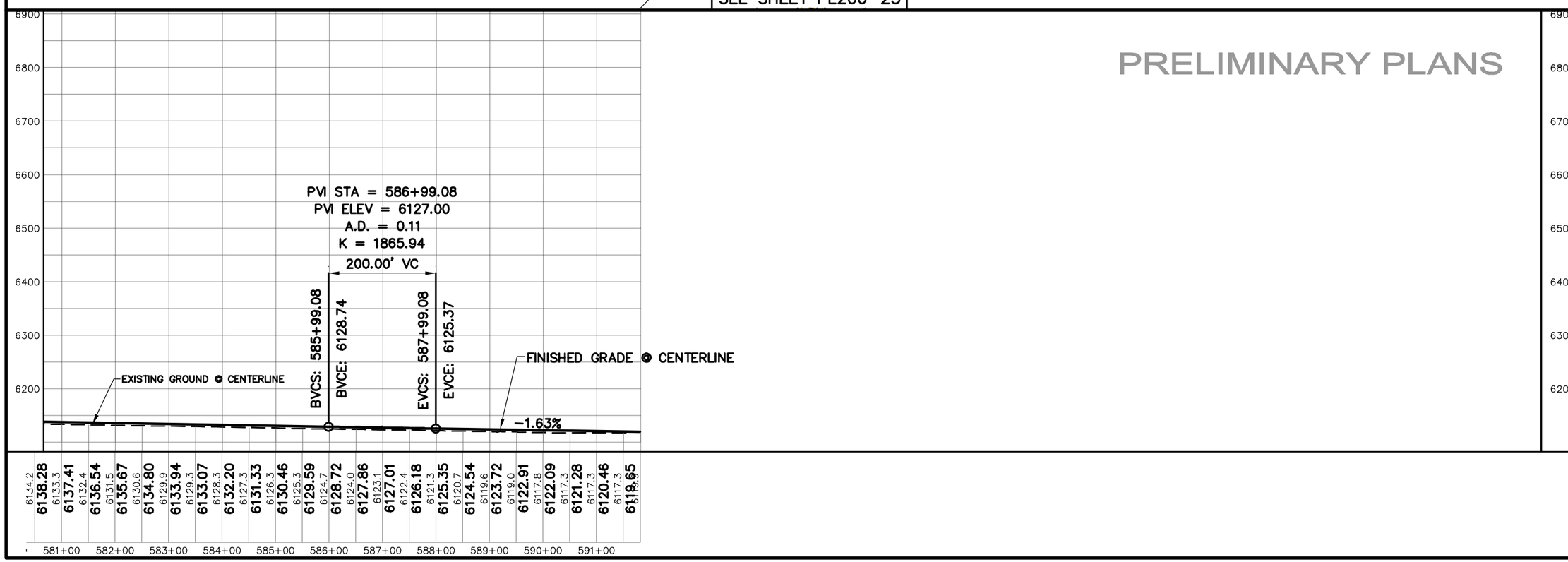
PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER
COUNTY

SHEET NO. 200-23





NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PROJECT REQUEST BY	REMARKS
					ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-24
SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006
PRINTED: 1/3/2007 11:56:12 AM BY: KJ
LAST UPDATE: 1/3/2007

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DESIGN:	G.M.	11-06	
DRAWN:	K.J	11-06	
QUANT:			

APPROVAL RECOMM: _____ DATE: _____ PROJECT DESIGN ENGINEER
APPROVED: _____ DATE: _____

CHECK:	T.D.	11-06	REVIEW
CHECK:	G.M.	11-06	DATE:
CHECK:			BY:

SEVIER COUNTY - SSD #1

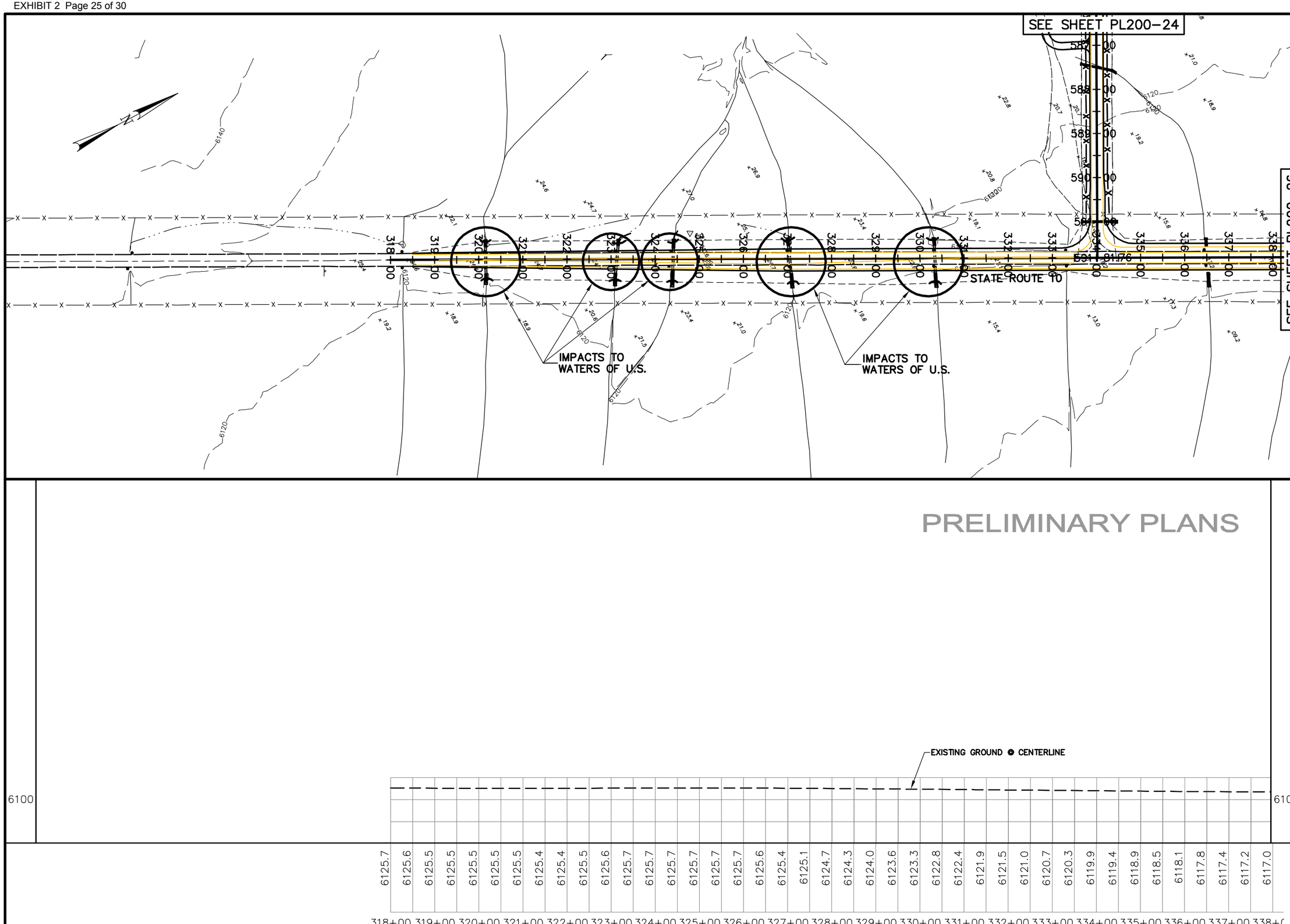
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-24



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS

ORIGINAL SUBMISSION FOR AUTHORIZATION

REVISIONS

SCALE: 1:200 H & V

DWG NAME: PP200-25

SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006

LAST UPDATE: 1/3/2007

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DRAWN: K.J 11-06	CHECK: G.M. 11-06	DATE:	
QUANT:	CHECK:	BY:	

APPROVAL RECOMM: DATE PROJECT DESIGN ENGINEER

APPROVED: DATE

SEVIER COUNTY - SSD #1

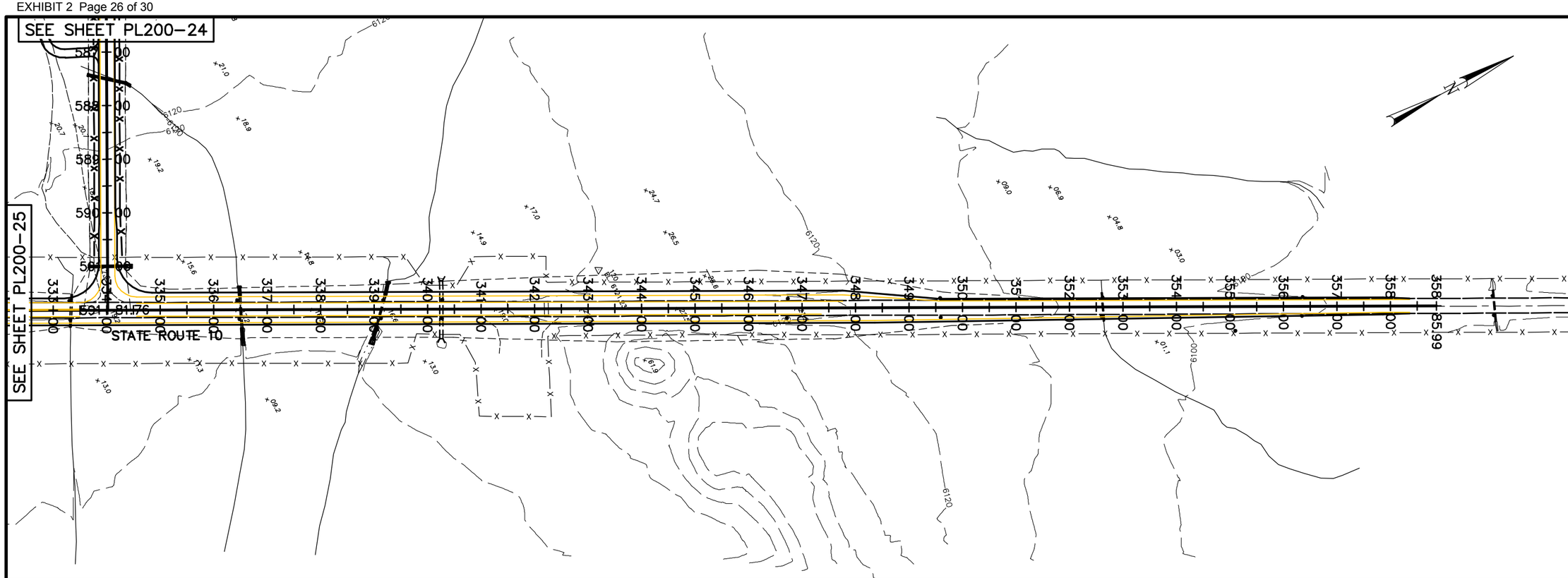
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

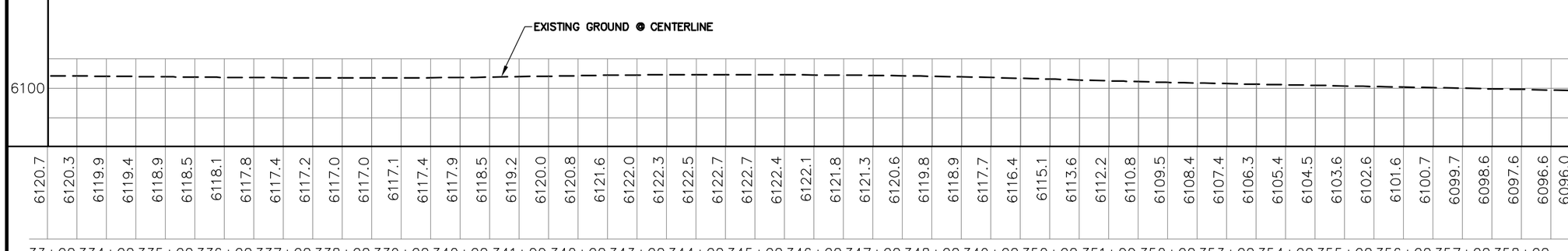
PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-25



PRELIMINARY PLANS



NO.	DATE	DESIGN REV. BY	MAPS CORR. BY	PARCELS AFFECTED	REQUEST BY	REMARKS

REVISIONS

ORIGINAL SUBMISSION FOR AUTHORIZATION

SCALE: 1:200 H & V

DWG NAME: PP200-26

SHT SET: QUITCHUPAH CREEK

DWG CREATED: 11/02/2006

PRINTED BY: GARY MCDONALD ON 1/3/2007

LAST UPDATE: 1/3/2007

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DESIGN:	G.M.	11-06	CHECK: T.D. 11-06
DRAWN:	K.J	11-06	CHECK: G.M. 11-06
QUANT:	.	.	CHECK: . .

REVIEW

DATE: .

BY: .

APPROVAL RECOMM: _____ DATE _____ PROJECT DESIGN ENGINEER

APPROVED: _____ DATE _____

SEVIER COUNTY - SSD #1

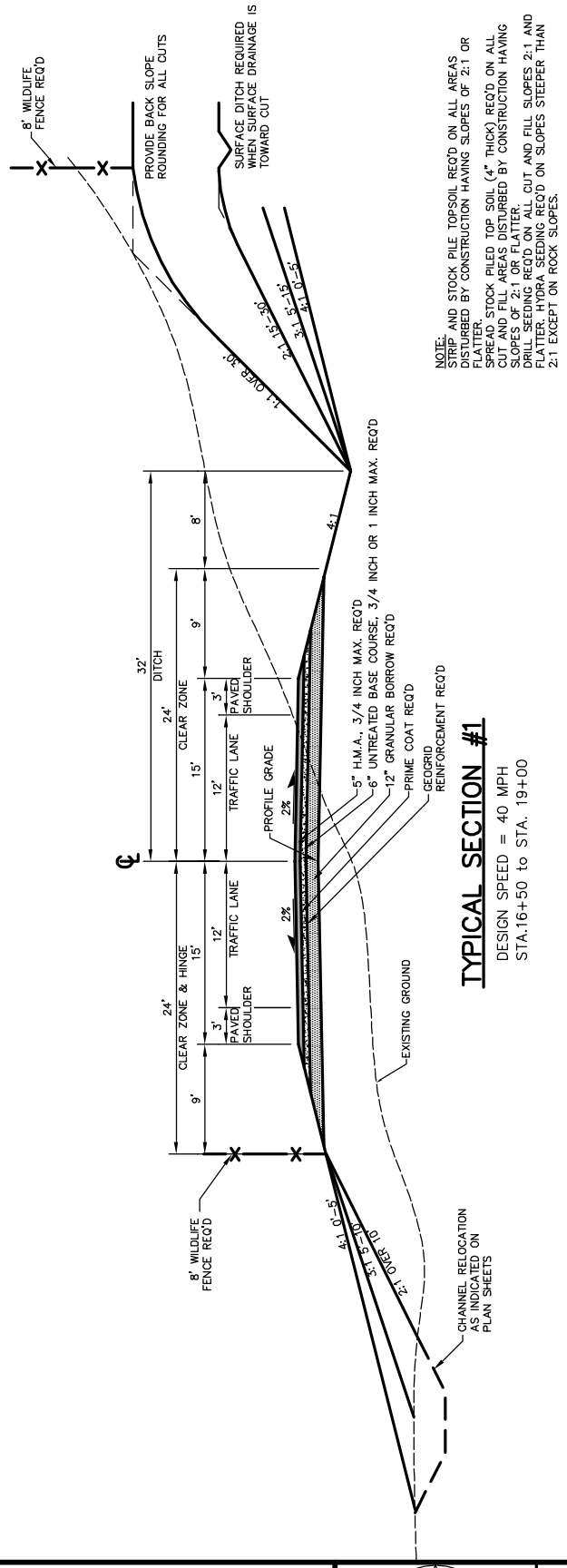
QUITCHUPAH ROAD

PLAN & PROFILE SHEET

PROJECT NUMBER: 0607-002

SEVIER COUNTY

SHEET NO. 200-26



TYPICAL SECTION #1

DESIGN SPEED = 40 MPH
STA.16+50 to STA. 19+00

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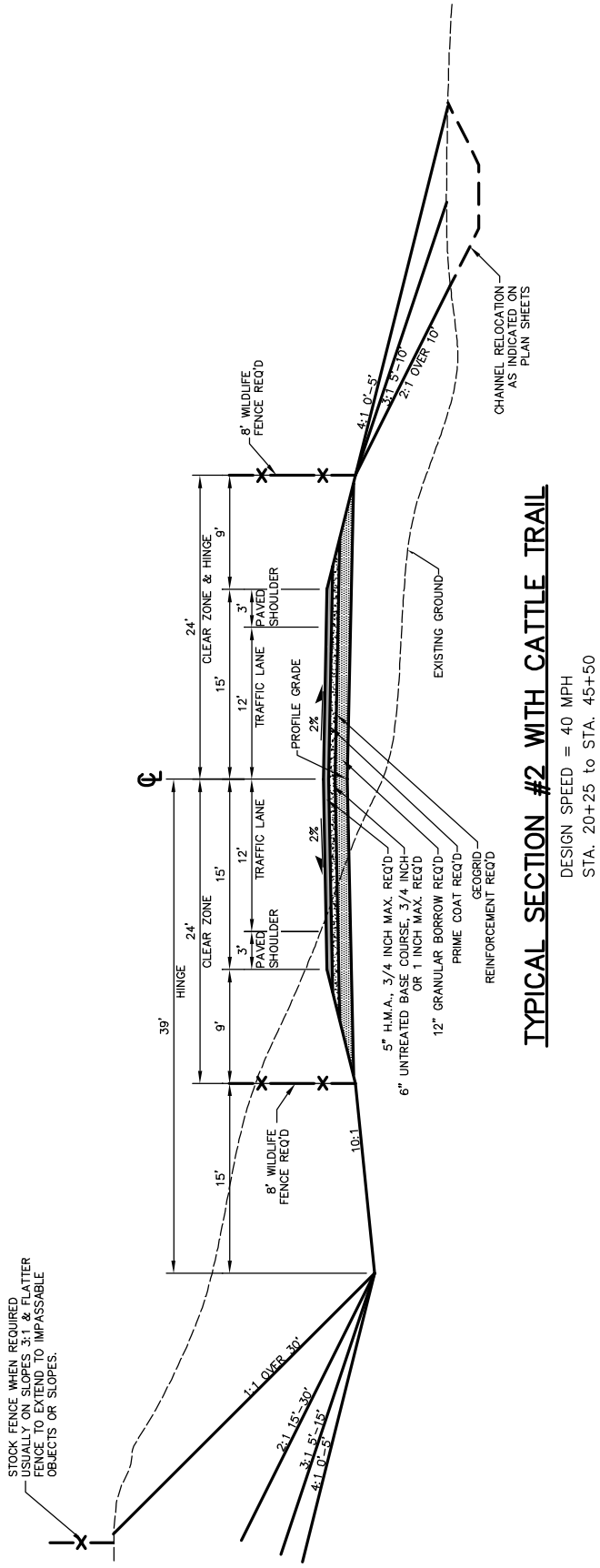
SCALE: NTS

SEVIER COUNTY - SSD#1			FIGURE: 1
QUITHCUPAH ROAD			
TYPICAL SECTION			
DRAWN: K.J. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 1
CHECK: . .	FILE: TS-EXHIBITS	LAST UPDATE: 12/28/2006	



TYPICAL SECTION #2 WITH CATTLE TRAIL

DESIGN SPEED = 40 MPH
STA. 20+25 to STA. 45+50

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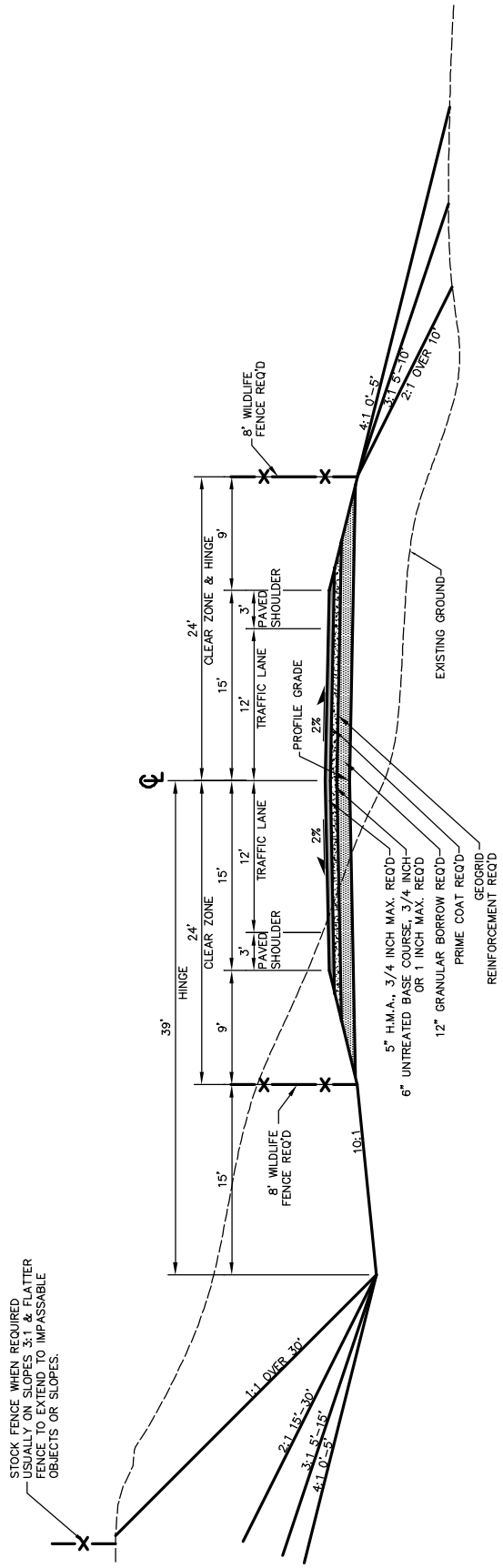
N

SCALE: NTS

SEVIER COUNTY - SSD#1			FIGURE: 2
QUITHCUPAH ROAD			
TYPICAL SECTION			
DRAWN: K.J. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 2
CHECK: . .	FILE: TS-EXHIBITS	LAST UPDATE: 12/28/2006	



TYPICAL SECTION #3 WITH CATTLE TRAIL

DESIGN SPEED = 40 MPH
STA. 46+00 to STA. 119+00

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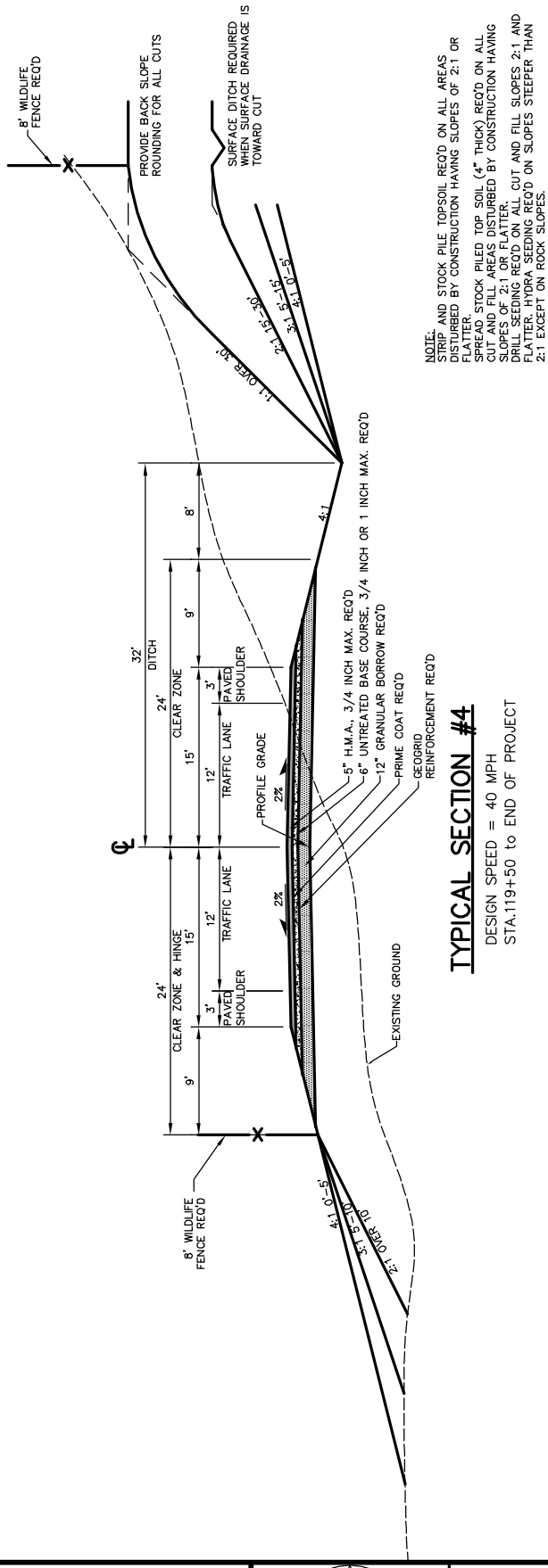
SCALE: NTS

SEVIER COUNTY - SSD#1			FIGURE: 3
QUITHCUPAH ROAD			
TYPICAL SECTION			
DRAWN: K.J. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 3
CHECK: . .	FILE: TS-EXHIBITS	LAST UPDATE: 12/28/2006	



NOTE:
STRIP AND STOCK PILE TOPSOIL REQ'D ON ALL AREAS DISTURBED BY CONSTRUCTION HAVING SLOPES OF 2:1 OR FLATTER.
SPREAD STOCK PILED TOP SOIL (4" THICK) REQ'D ON ALL CUT AND FILL AREAS DISTURBED BY CONSTRUCTION HAVING SLOPES OF 2:1 OR FLATTER.
DRILL SEEDING REQ'D ON ALL CUT AND FILL SLOPES 2:1 AND FLATTER. HYDRA SEEDING REQ'D ON SLOPES STEEPER THAN 2:1 EXCEPT ON ROCK SLOPES.

TYPICAL SECTION #4

DESIGN SPEED = 40 MPH
STA.119+50 to END OF PROJECT

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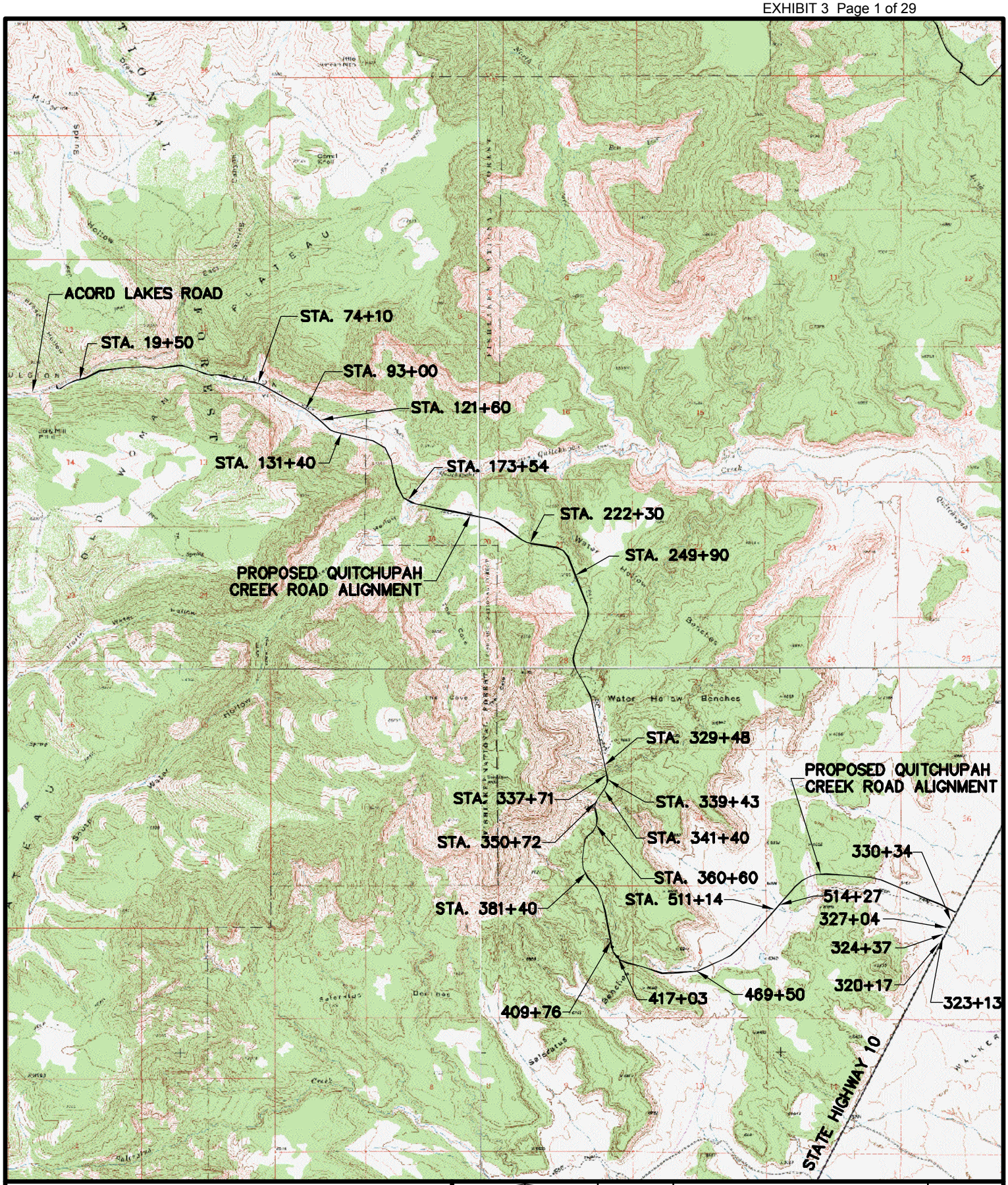
SCALE: NTS

SEVIER COUNTY - SSD#1			FIGURE: 4
QUITHCUPAH ROAD			
TYPICAL SECTION			
DRAWN: K.J. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 4
CHECK: . .	FILE: TS-EXHIBITS	LAST UPDATE: 12/28/2006	



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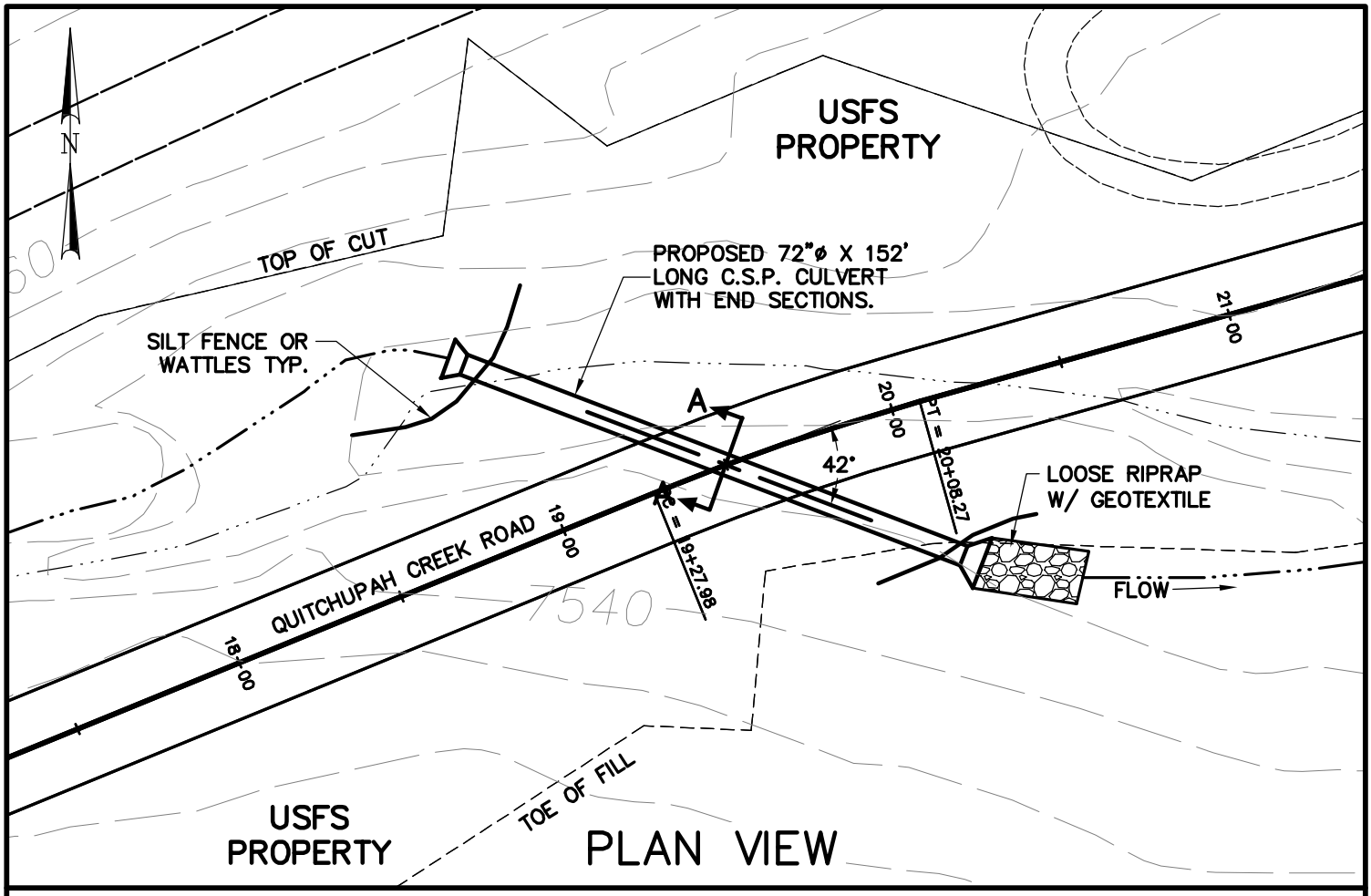
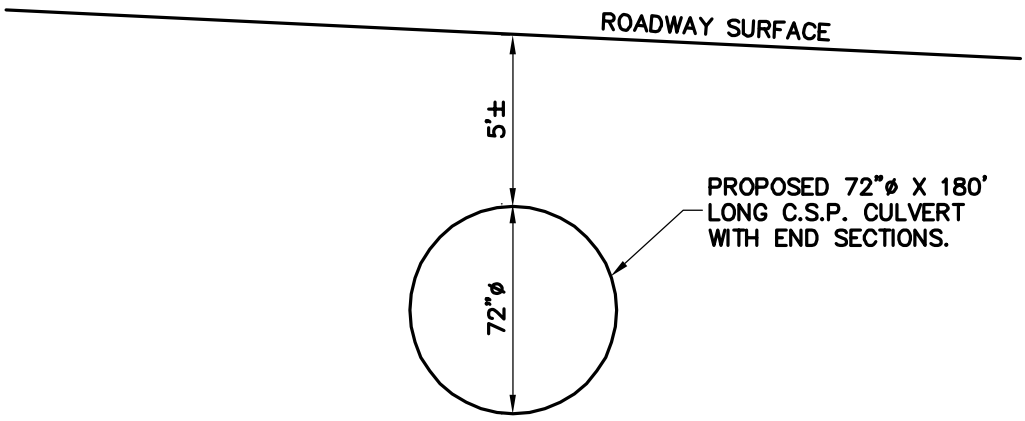
N

SCALE: 1"=5,000'

SEVIER COUNTY			FIGURE: 1
CULVERT CROSSING LOCATIONS			
QUITCHUPAH CREEK ROAD			
DRAWN: M.R. 12/06	PEN TBL: _1sindrd-hp2600.ctb	PROJECT: 0607-002	SHEET: 1
CHECK: B.L. 12/06	FILE: AVD_EXHIBIT	LAST UPDATE: 12/29/2006	

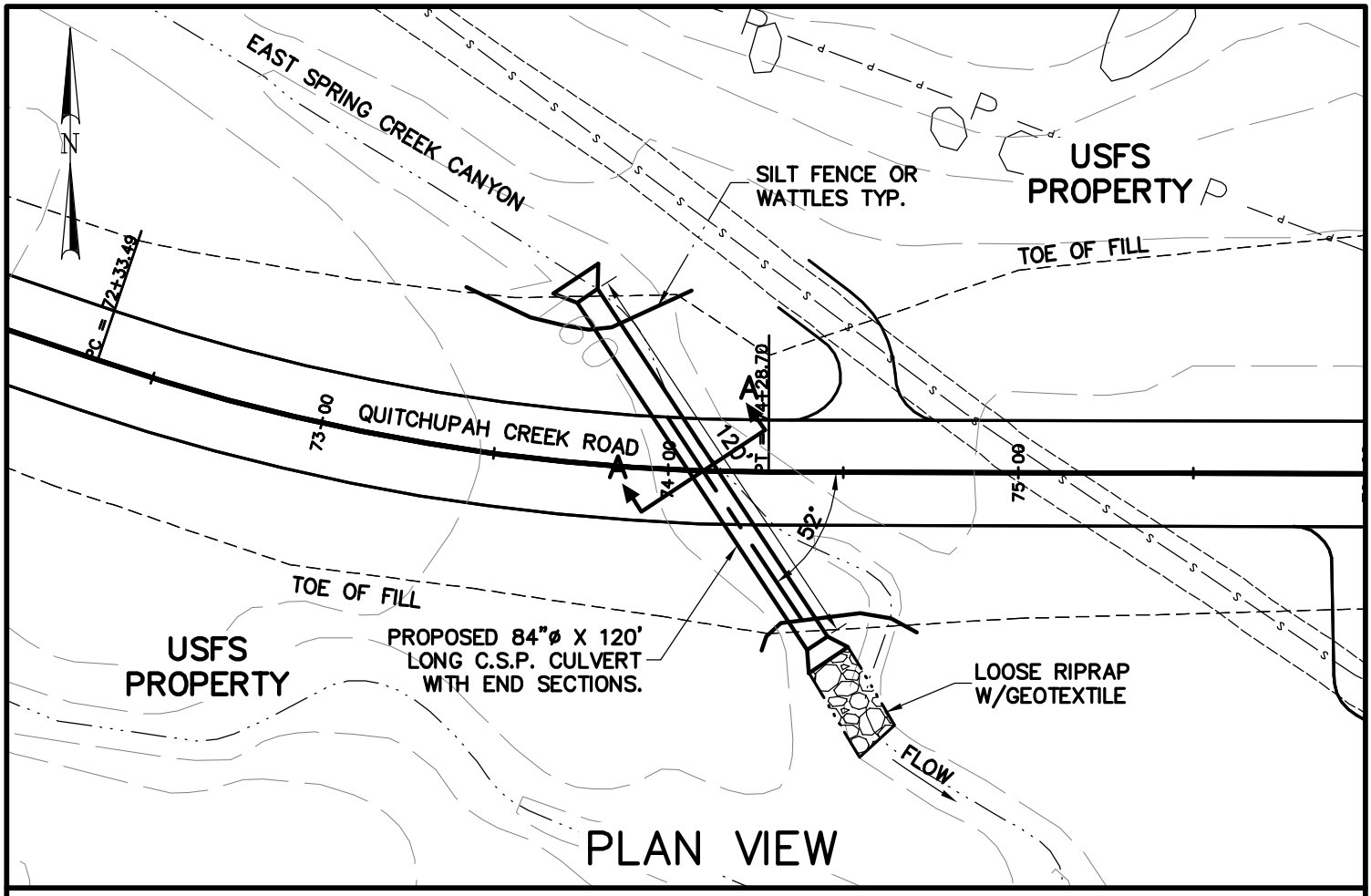


PLAN VIEW

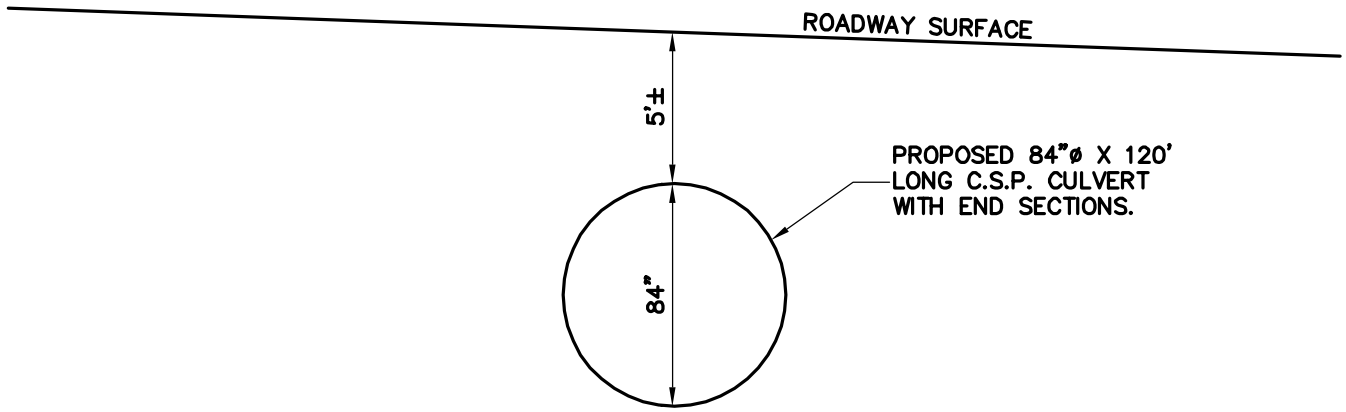


SECTION A–A

STA. 19+50
PIPE CULVERT INSTALLATION ON
INTERMITTENT SECTION OF
QUITCHUPAH CREEK IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 11, T.22S.,
R.4E., S.L.B.& M.
Date: December 6, 2006

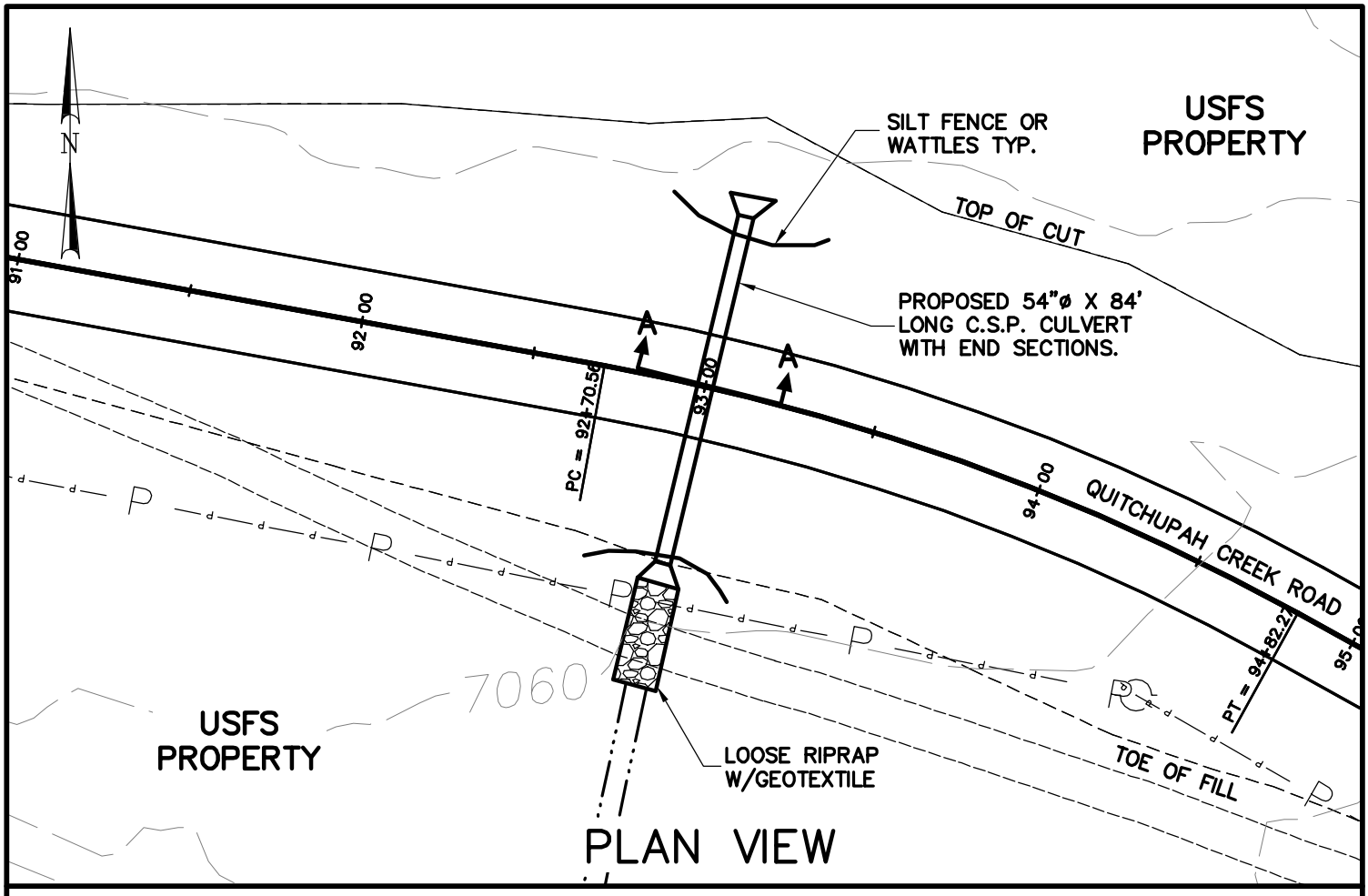


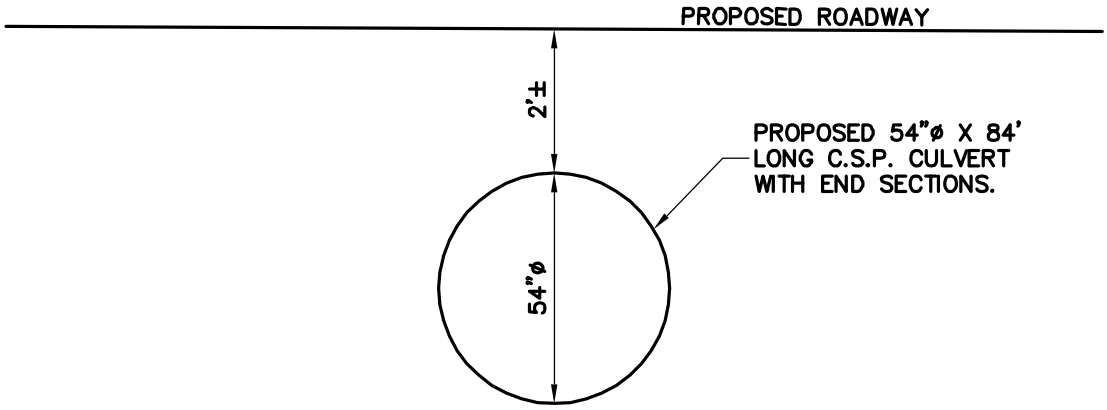
PLAN VIEW



SECTION A–A

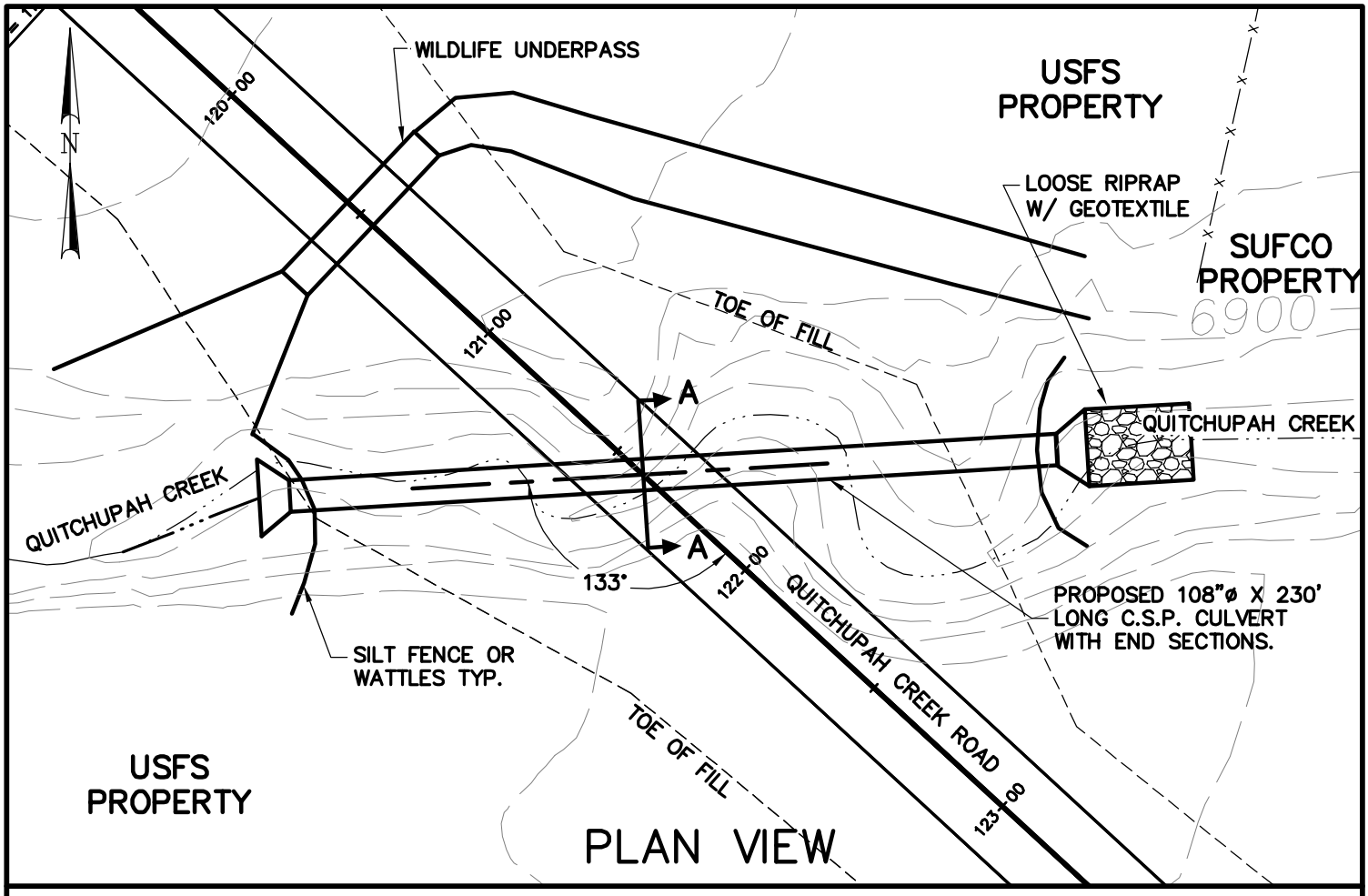
STA. 74+10
PIPE CULVERT INSTALLATION ON
EAST SPRING CREEK CANYON
(perennial) IN SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 12, T.22S.,
R.4E., S.L.B.& M.
Date: December 6, 2006

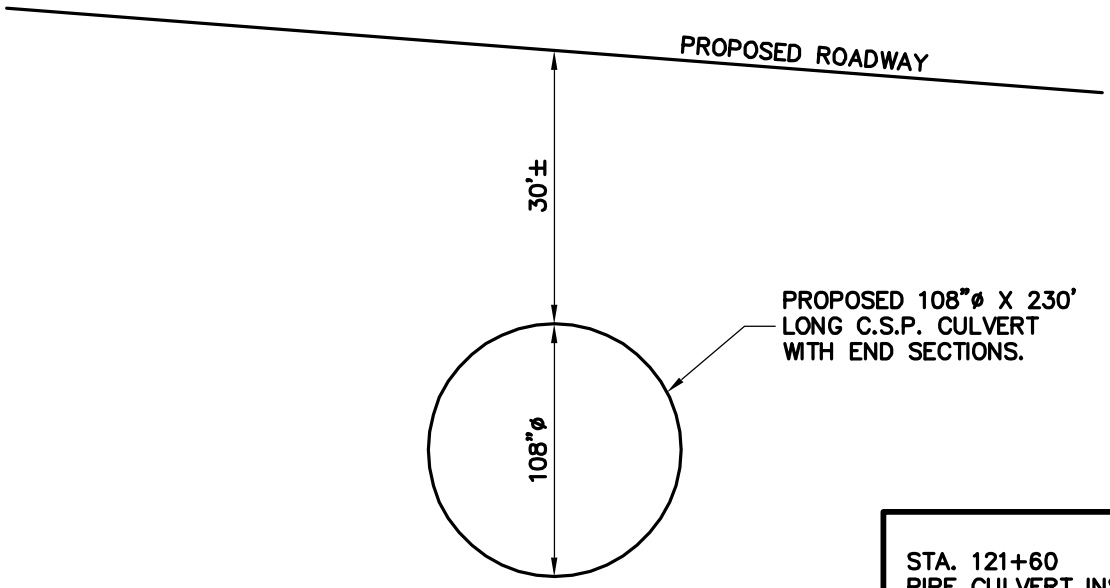




SECTION A–A

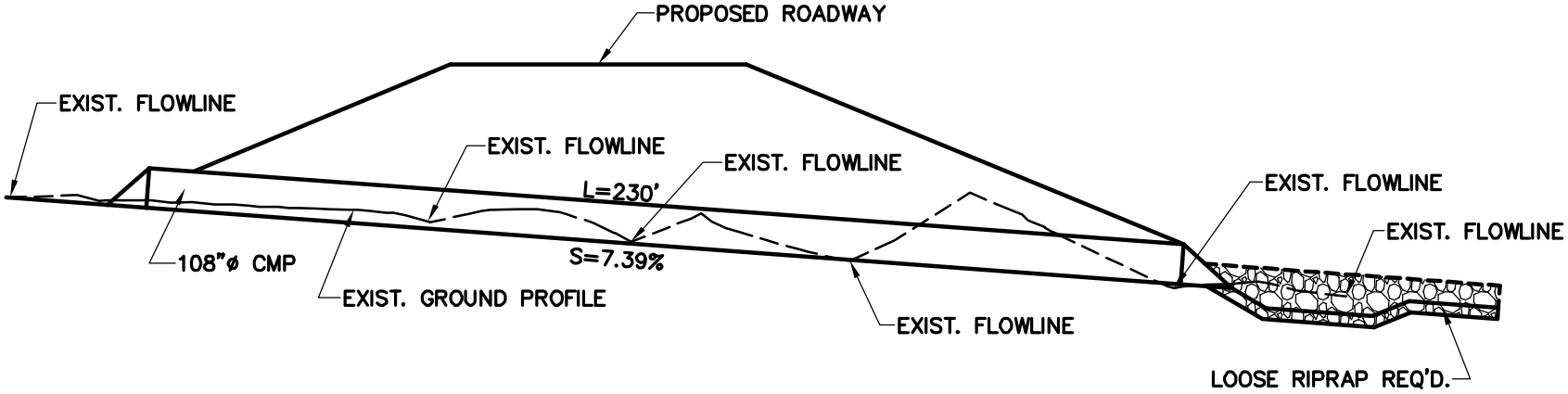
STA. 93+00
PIPE CULVERT INSTALLATION ON
EPHEMERAL TRIBUTARY IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 18, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006



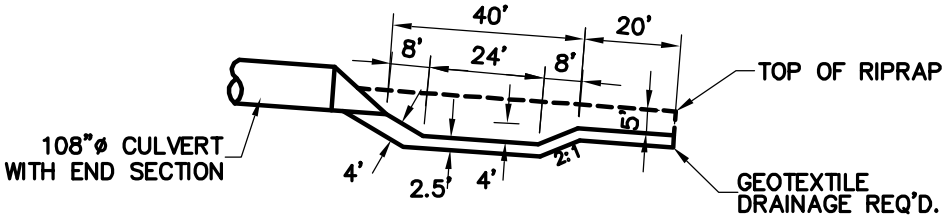


SECTION A–A

STA. 121+60
PIPE CULVERT INSTALLATION ON
QUITCHUPAH CREEK IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 17, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006



NATURAL SLOPE = 5.56%
ORIGINAL CHANNEL LENGTH = 400'
CULVERT LENGTH = 230
RECONSTRUCTED CHANNEL LENGTH = 70'
REDUCTION IN CHANNEL LENGTH = 100'
STA. 121+60



RIPRAP DETAIL

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

SCALE: 1"=40'

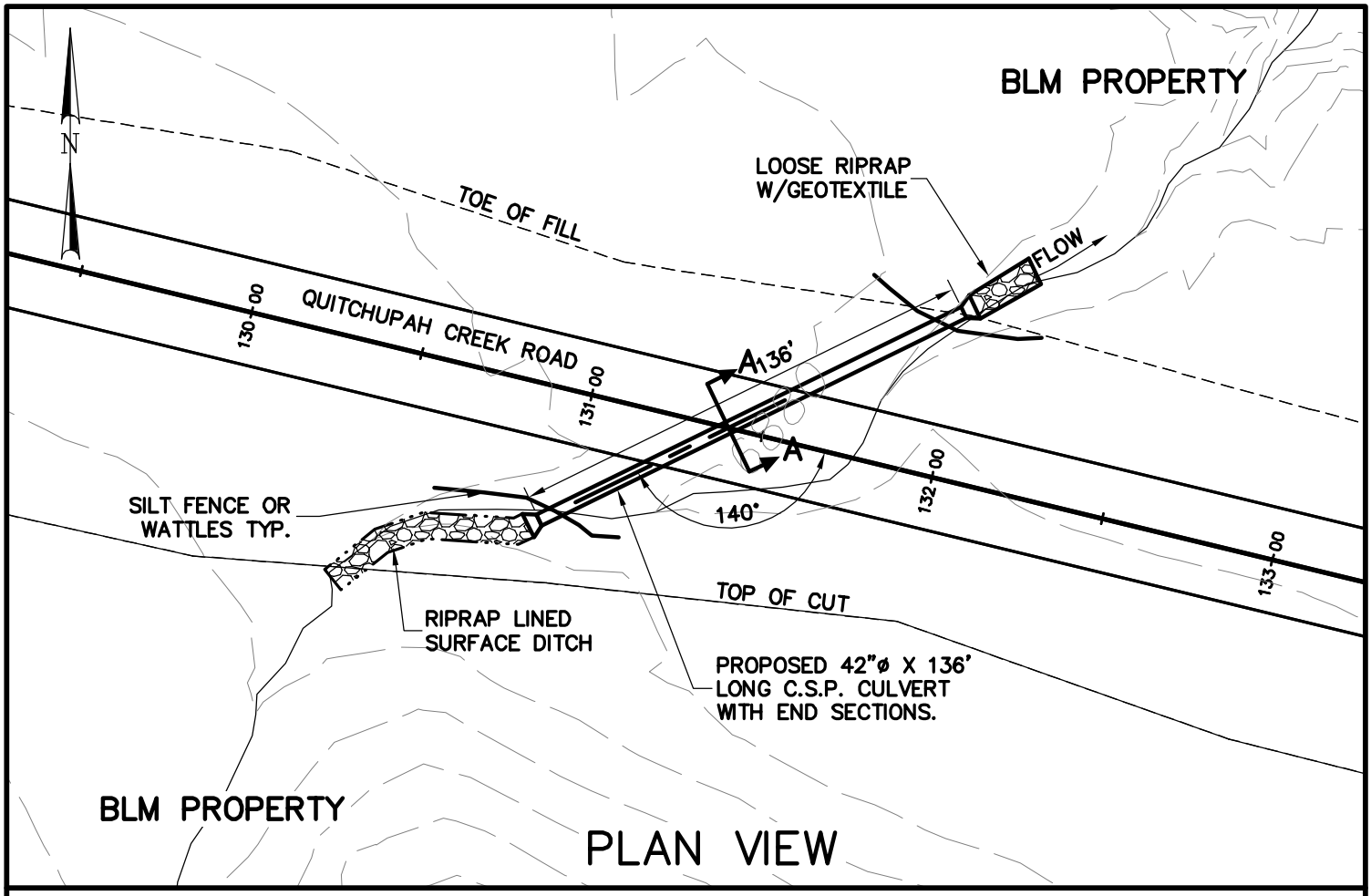
SEVIER COUNTY

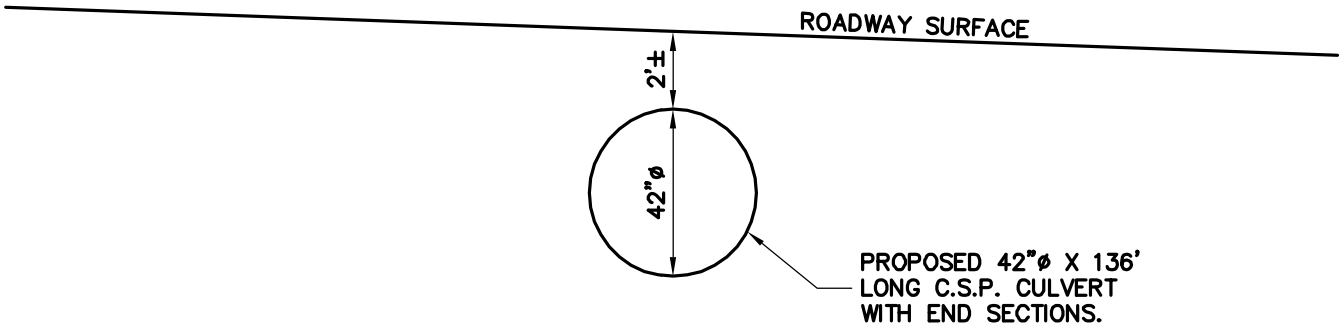
CROSS SECTION - QUITCHUPAH CREEK

QUITCHUPAH CREEK ROAD

FIGURE: 2

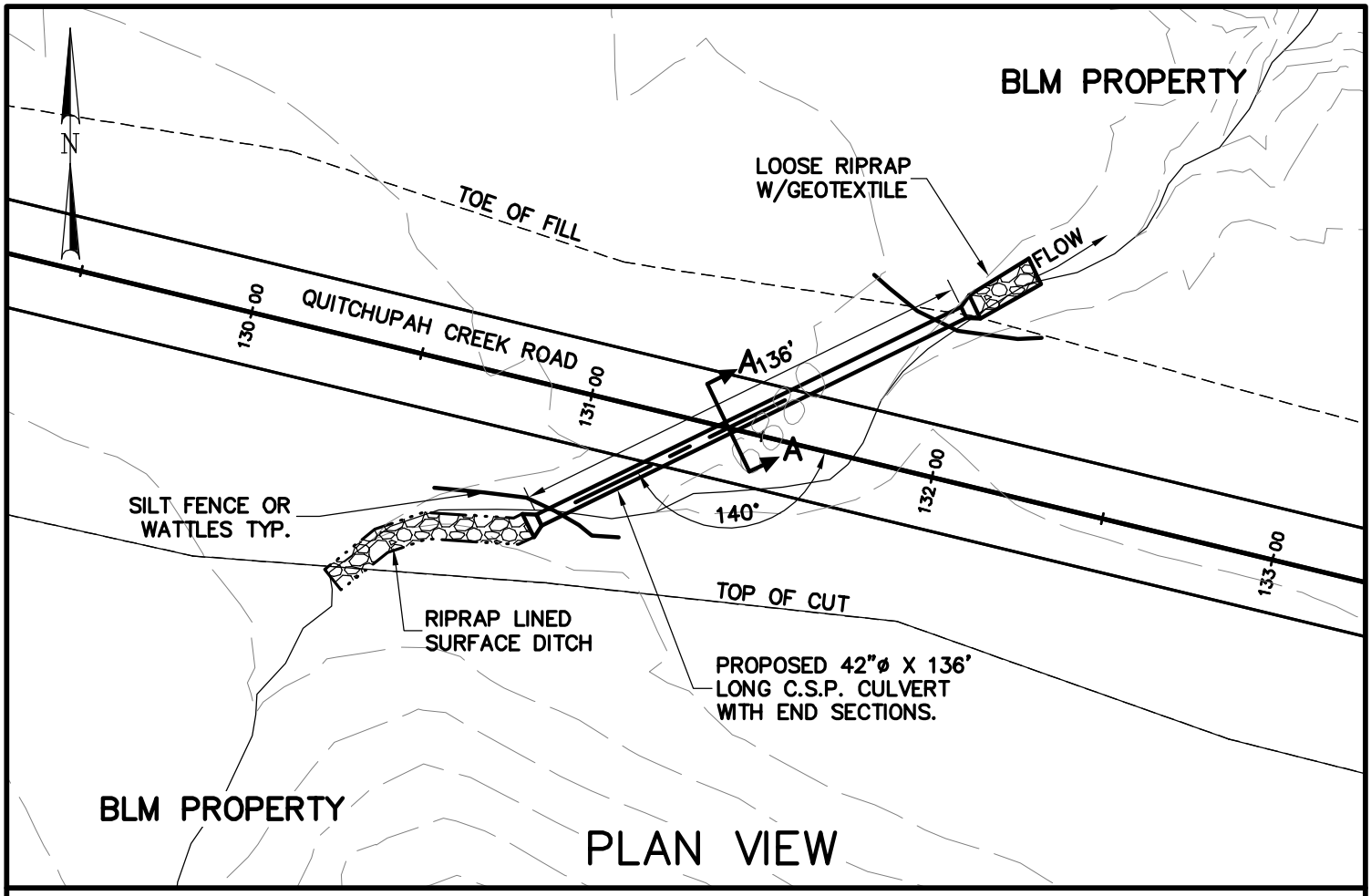
DRAWN: M.G.R. 12/06
CHECK: B.R.B. 12/06
PEN TBL: _1sndrd-ir2800.ctb
FILE: X_SEC-QUITCHUPAH CREEK
PROJECT: 0607-002
LAST UPDATE: 12/27/2006
SHEET: 2

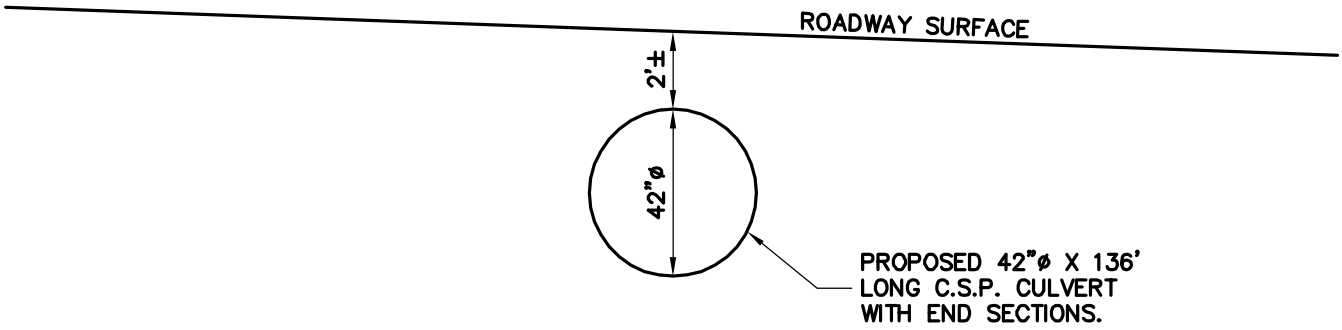




SECTION A–A

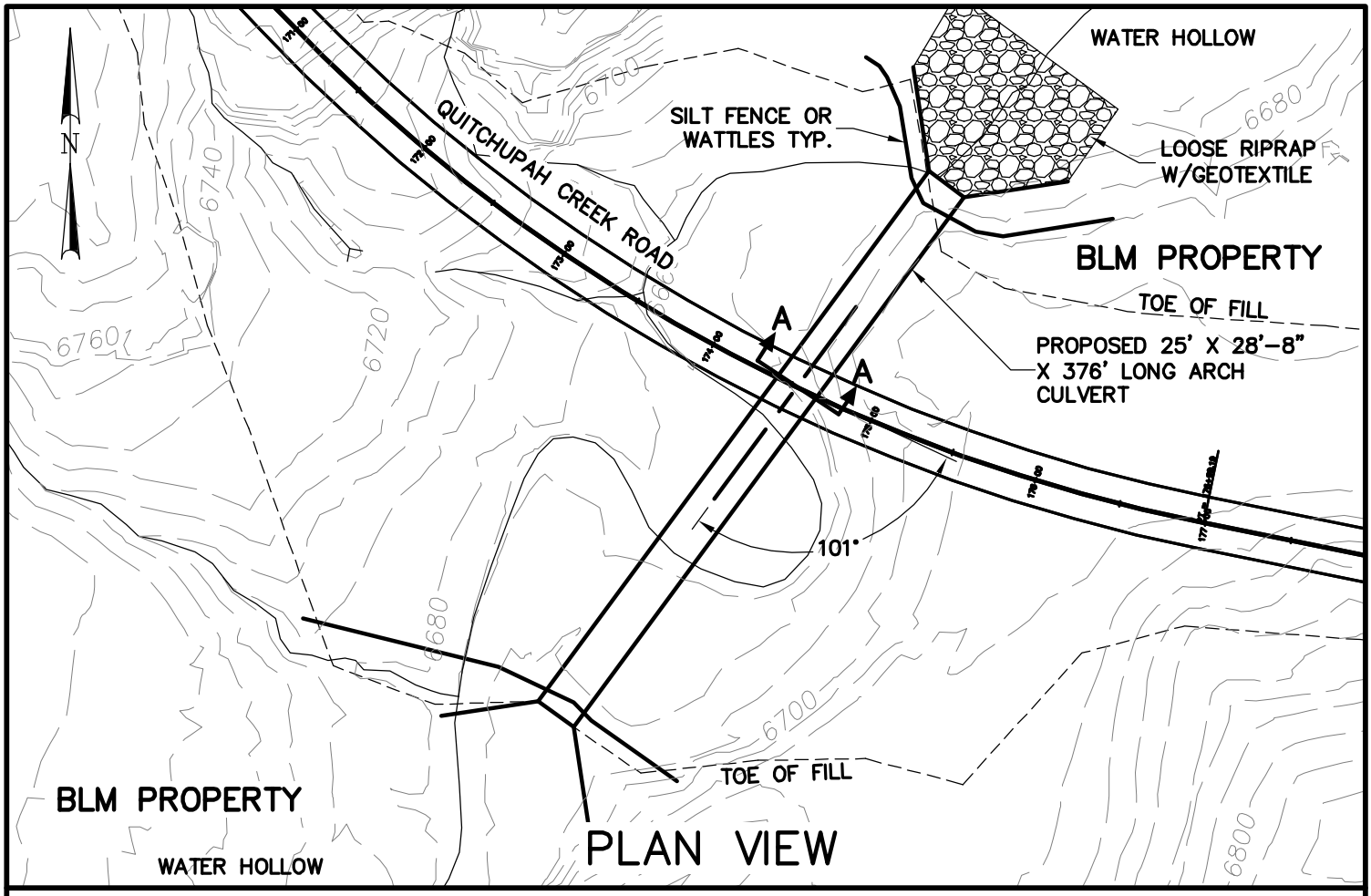
STA. 131+40
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 17, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

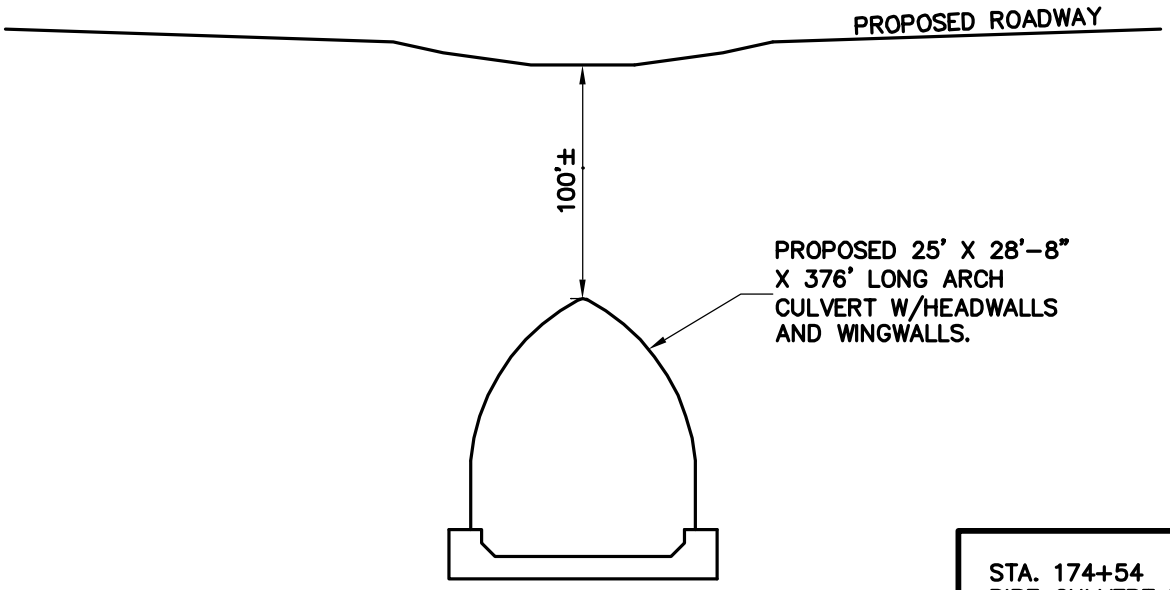




SECTION A–A

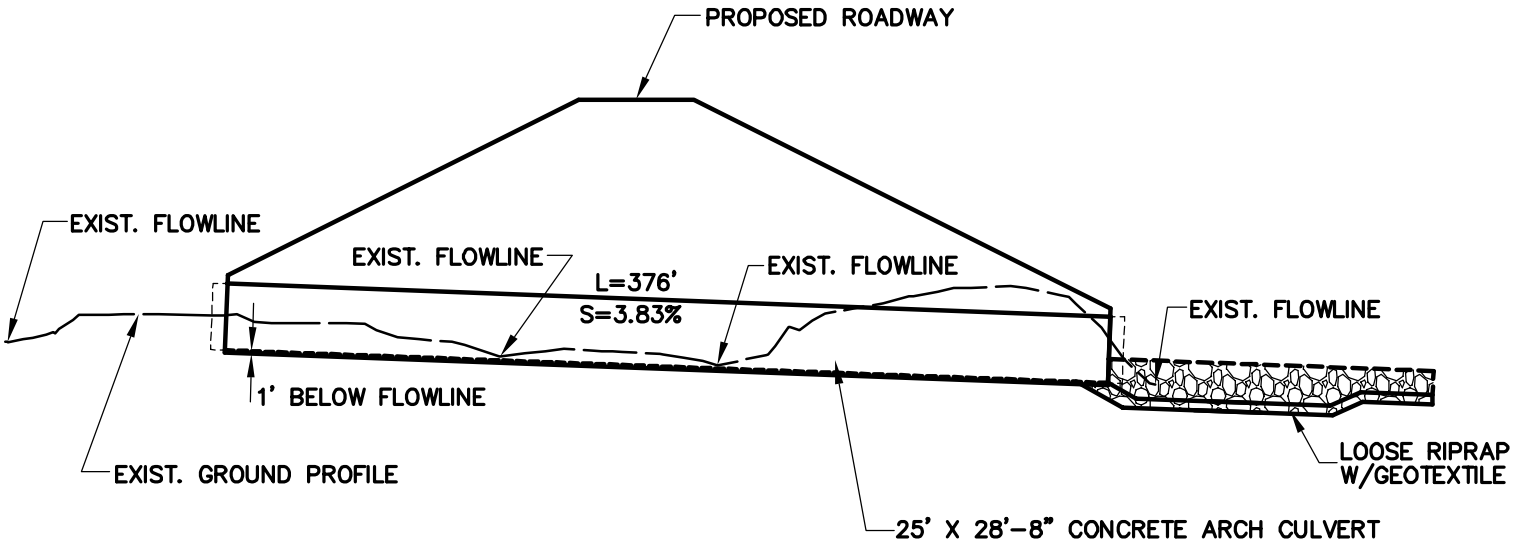
STA. 131+40
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 17, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006





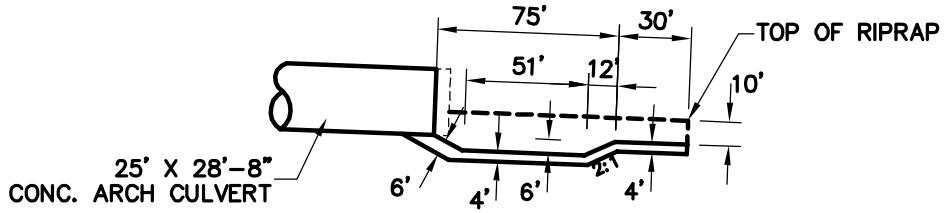
SECTION A–A

STA. 174+54
PIPE CULVERT INSTALLATION ON
WATER HOLLOW IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 20, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006



NATURAL SLOPE: 2.14%
ORIGINAL CHANNEL LENGTH = 850'
CULVERT LENGTH = 376'
RECONSTRUCTED CHANNEL LENGTH = 99'
REDUCTION IN CHANNEL LENGTH = 375'
STA. 174+54

NOTE: FISH PASSAGE WILL BE ALLOWED. NATURAL SUBSTRATE WILL BE ACCOMMODATED BY SETTING CULVERT FLOWLINE BELOW NATURAL FLOWLINE AND INSTALLING CONCRETE BAFFLES



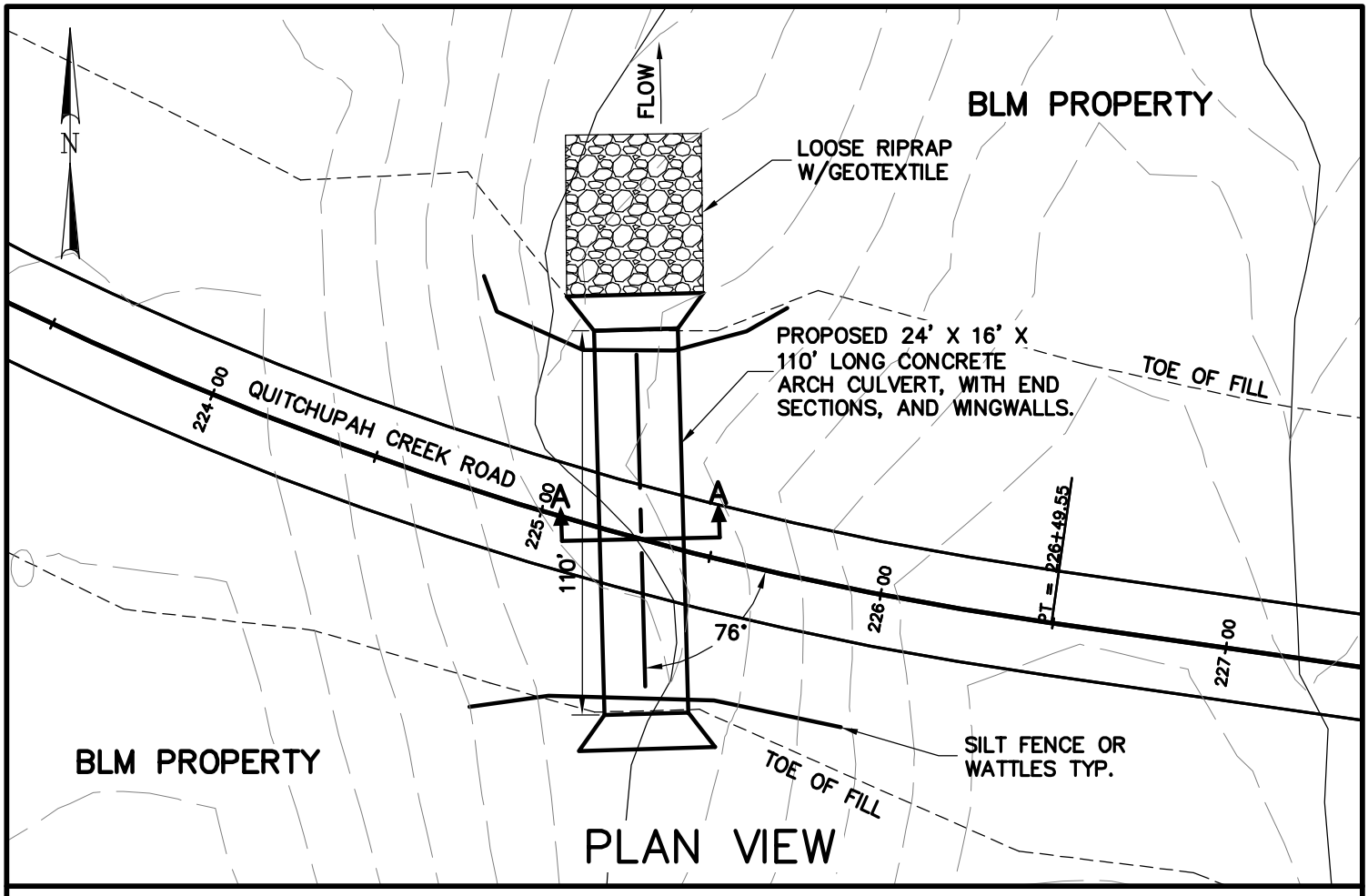
RIPRAP DETAIL

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

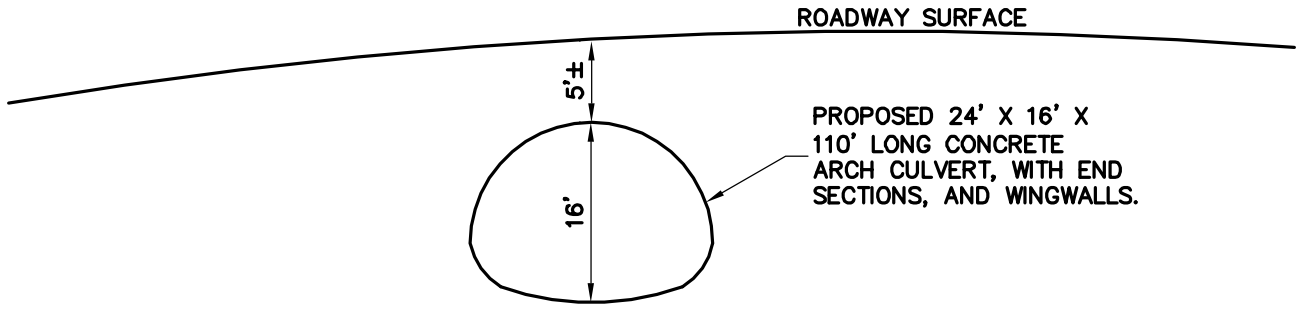
SCALE: 1"=100'

DRAWN: M.G.R. 12/06
CHECK: B.R.B. 12/06
PEN TBL: _1sndrd-ir2800.ctb
FILE: X_SEC-WATER HOLLOW
PROJECT: 0607-002
LAST UPDATE: 12/27/2006
SHEET: 1

SEVIER COUNTY
CROSS SECTION - WATER HOLLOW
QUITCHUPAH CREEK ROAD
FIGURE: 1

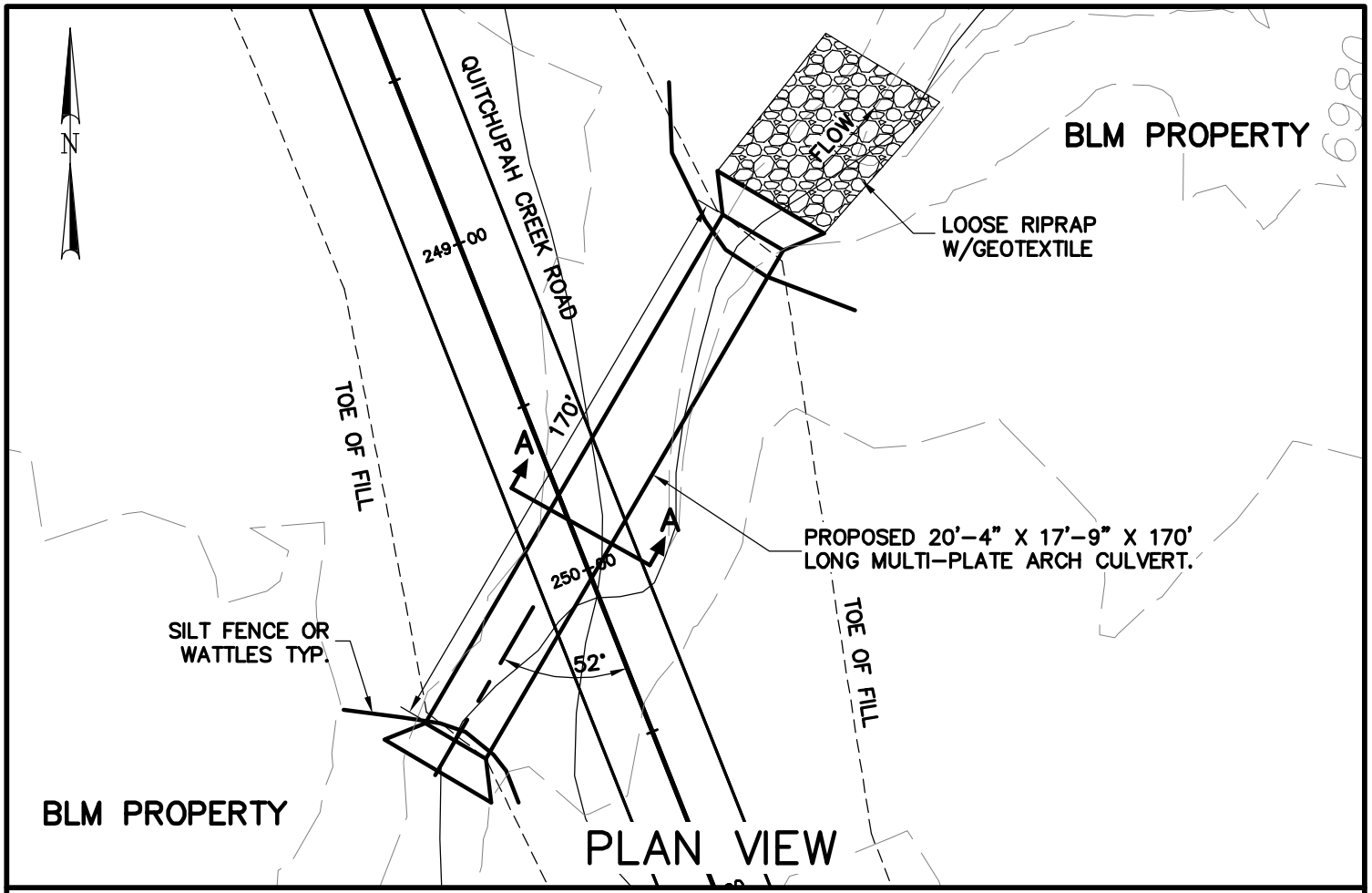


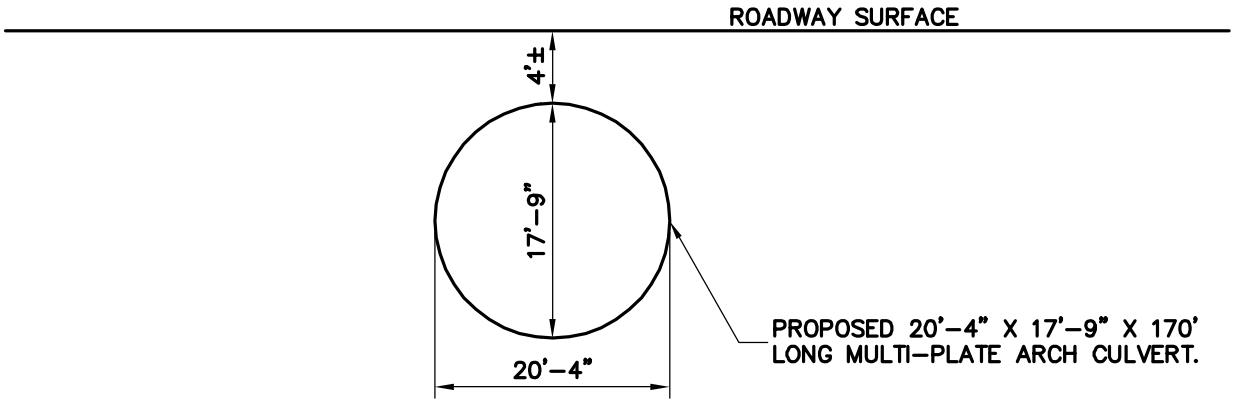
PLAN VIEW



SECTION A–A

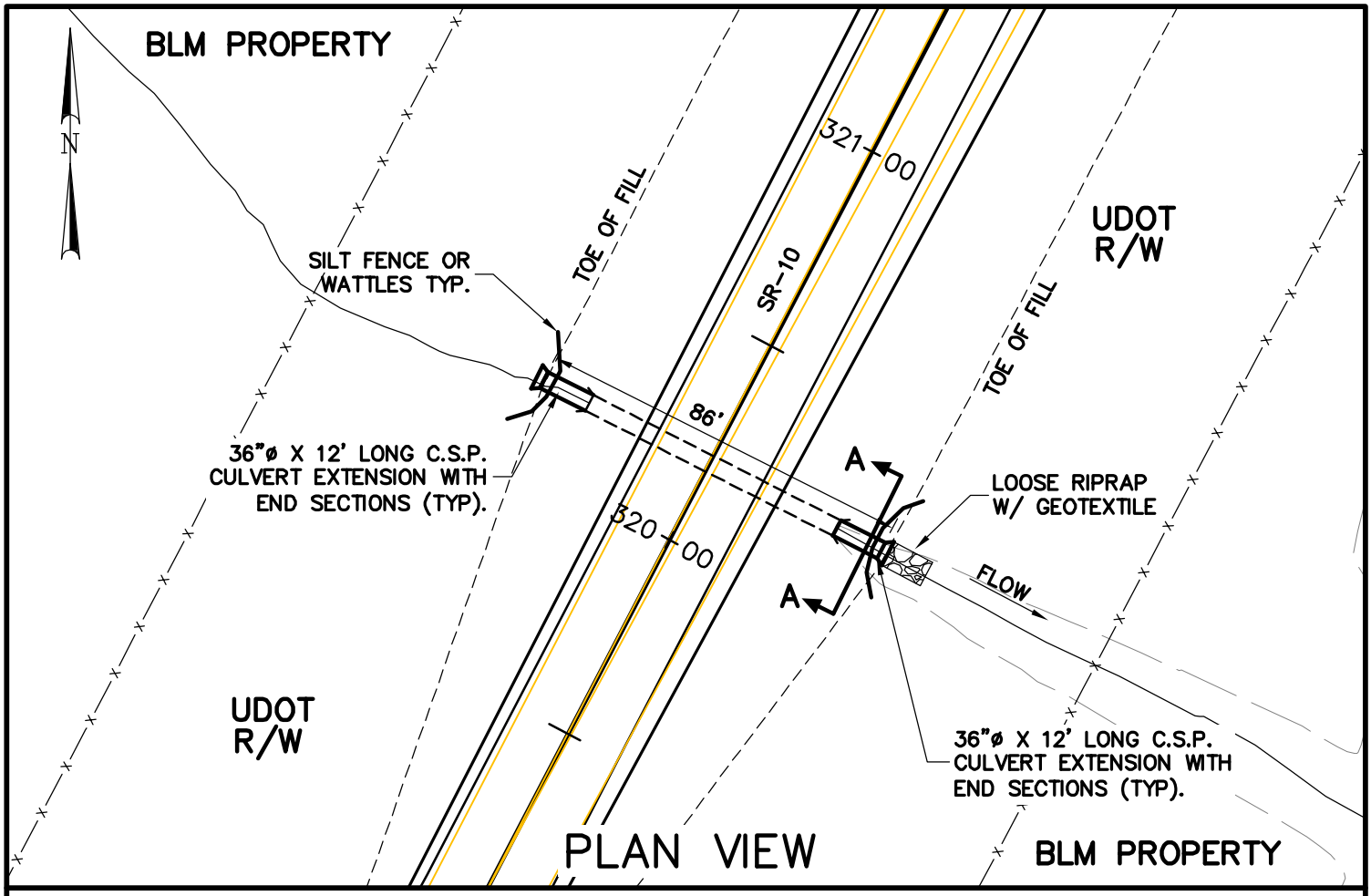
STA. 225+30
CONCRETE ARCH CULVERT
INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 21, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

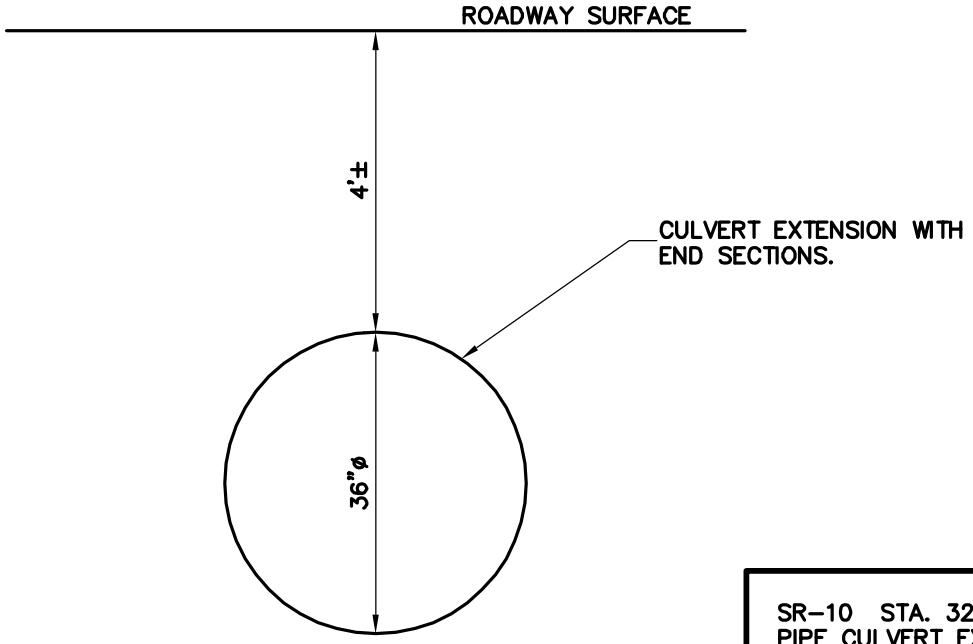




SECTION A-A

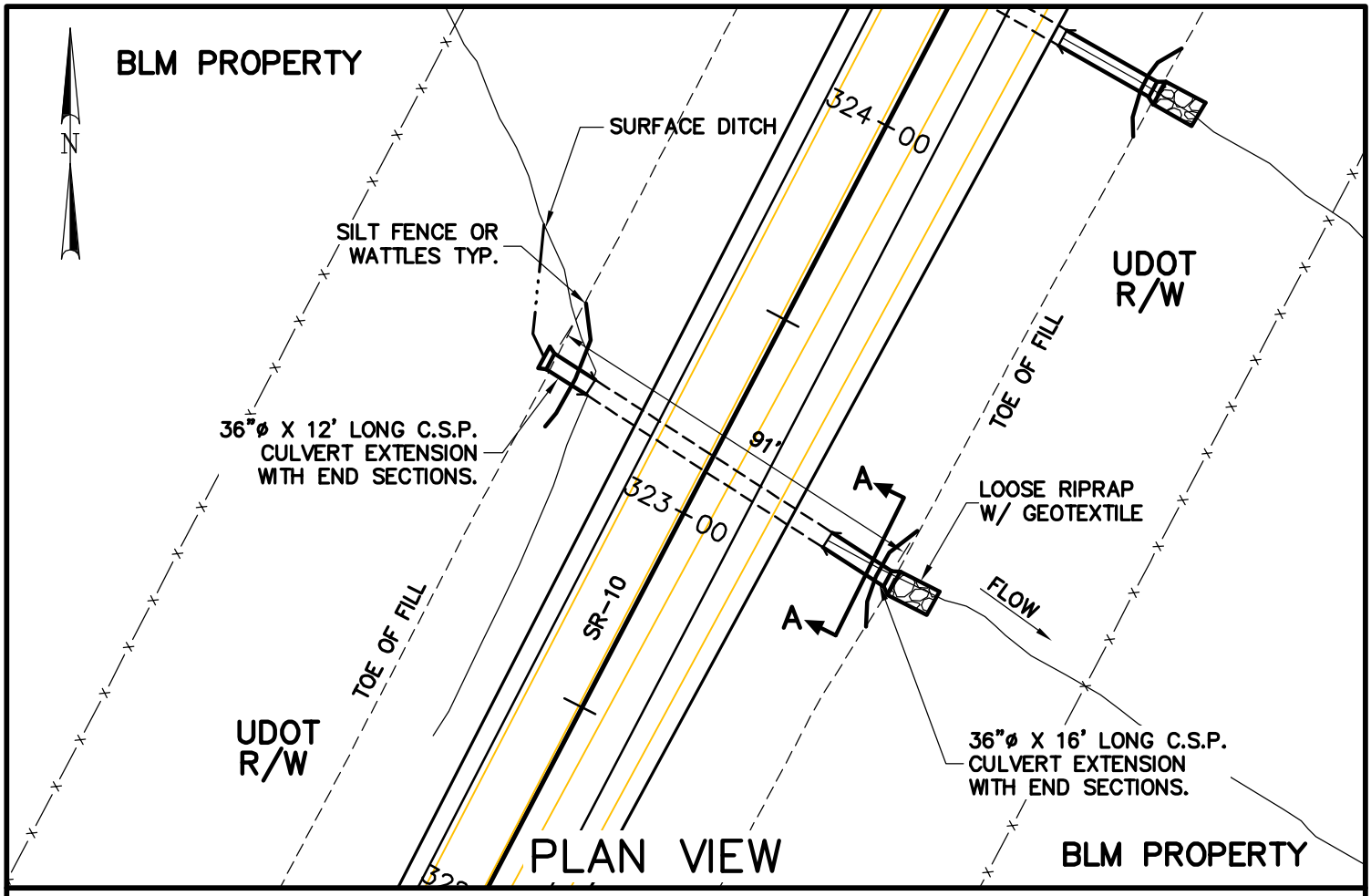
STA. 249+90
MULTI-PLATE ARCH CULVERT
INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 21, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

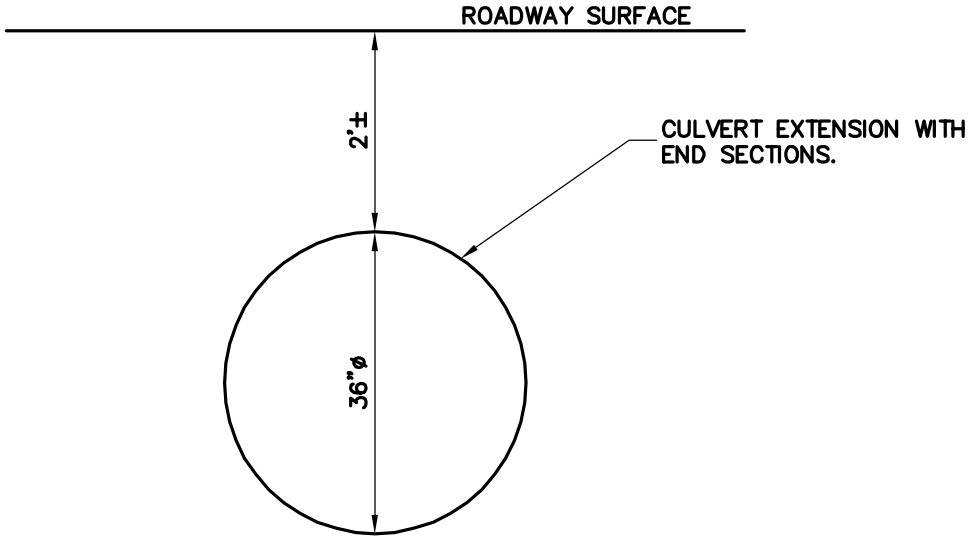




SECTION A–A

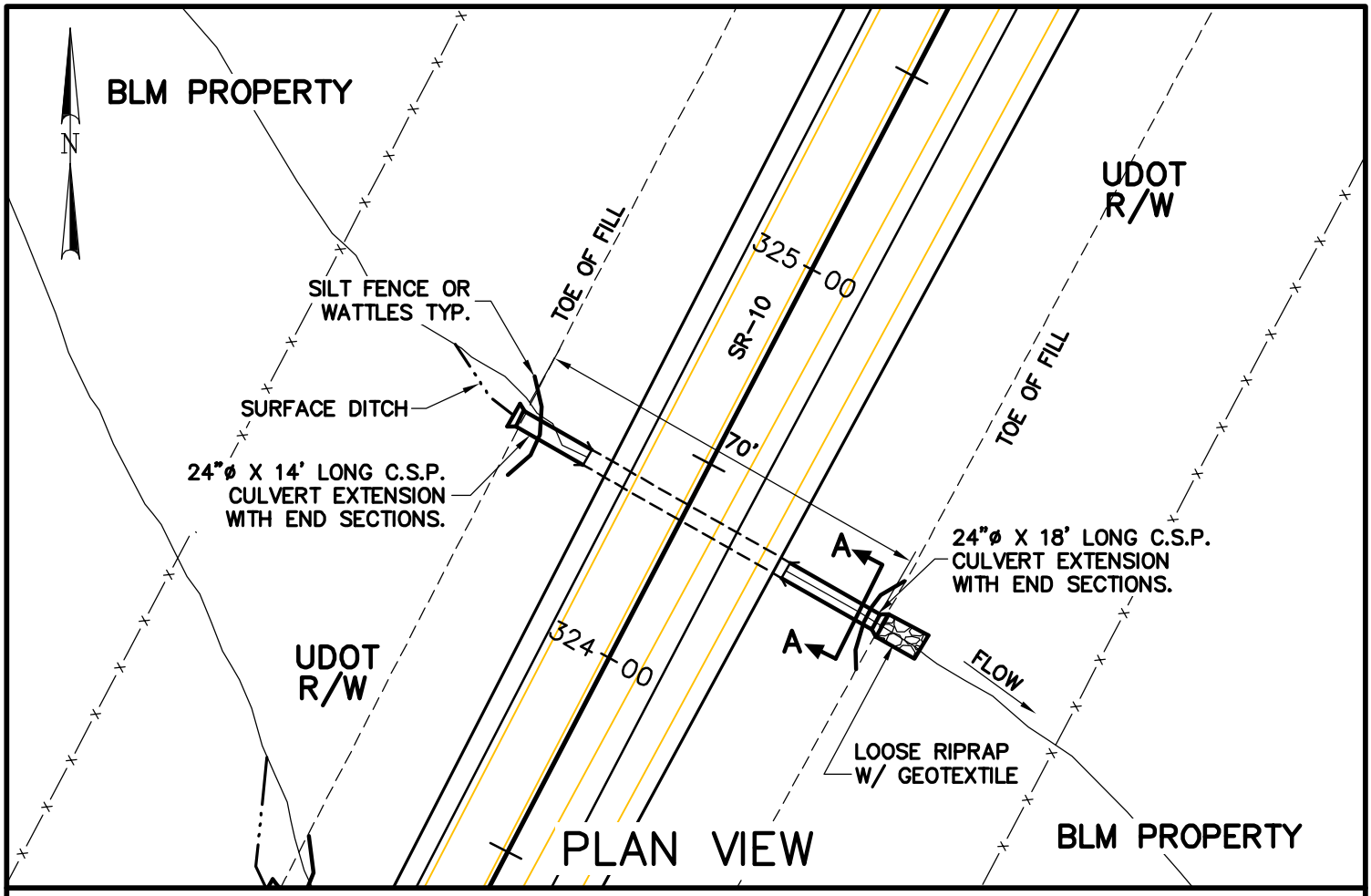
SR–10 STA. 320+17
PIPE CULVERT EXTENSION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 2, T.22S.,
R.5E., S.L.B.& M.
Date: December 20, 2006

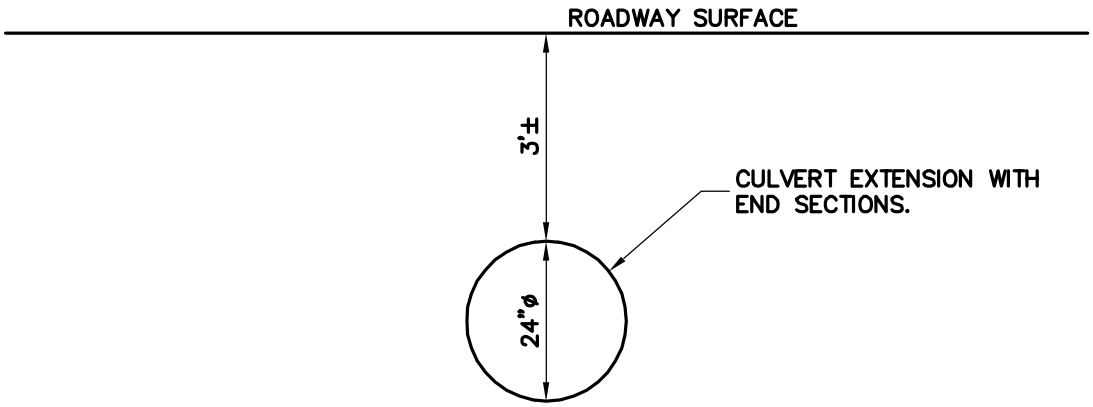




SECTION A–A

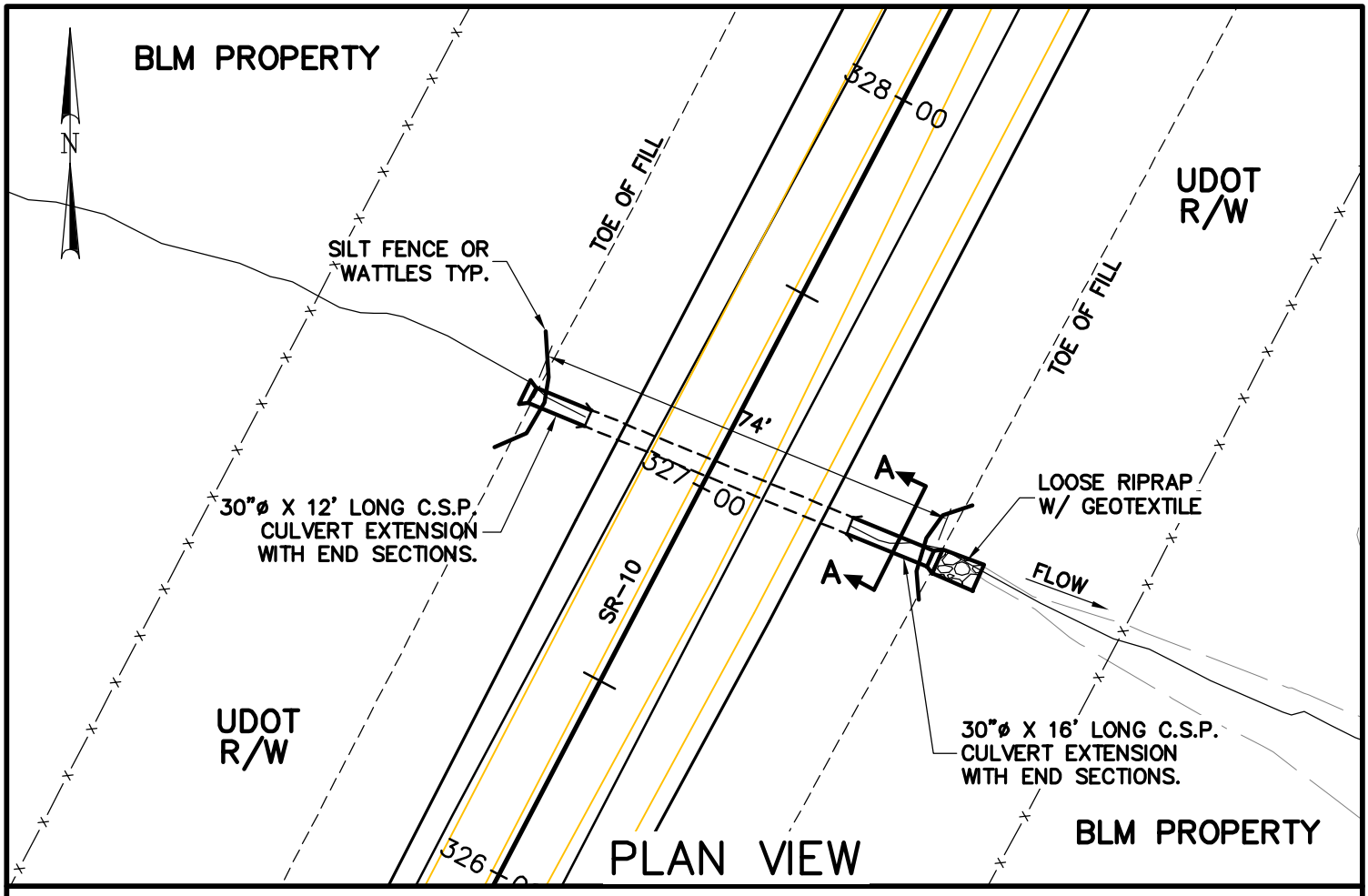
SR–10 STA. 323+13
PIPE CULVERT EXTENSION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 2, T.22S.,
R.5E., S.L.B.& M.
Date: December 20, 2006

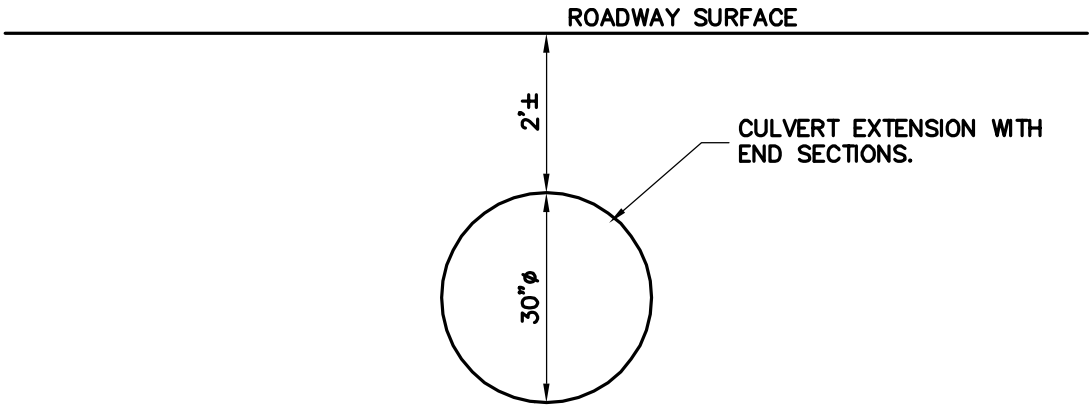




SECTION A–A

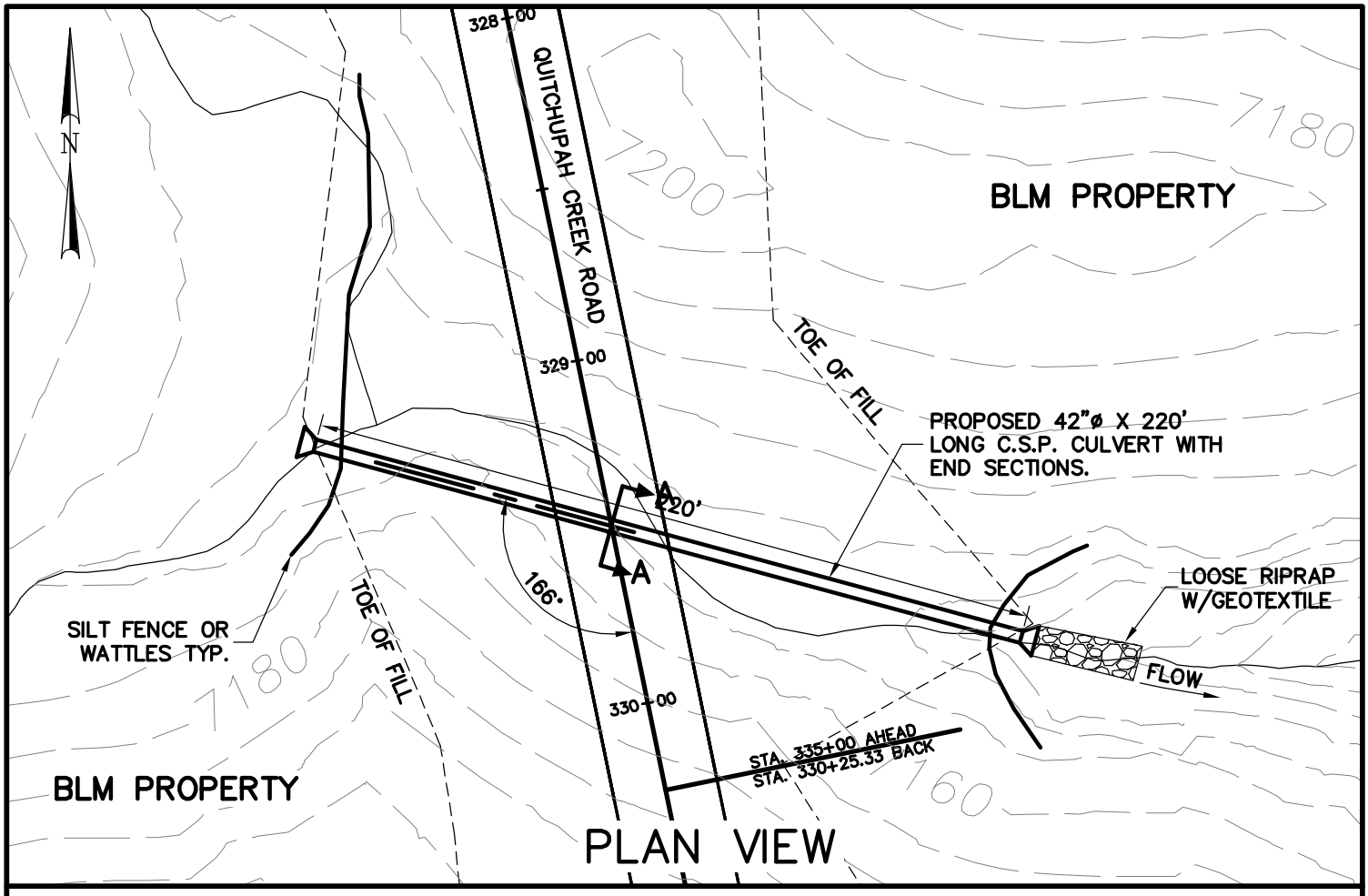
SR–10 STA. 324+37
PIPE CULVERT EXTENSION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 2, T.22S.,
R.5E., S.L.B.& M.
Date: December 20, 2006



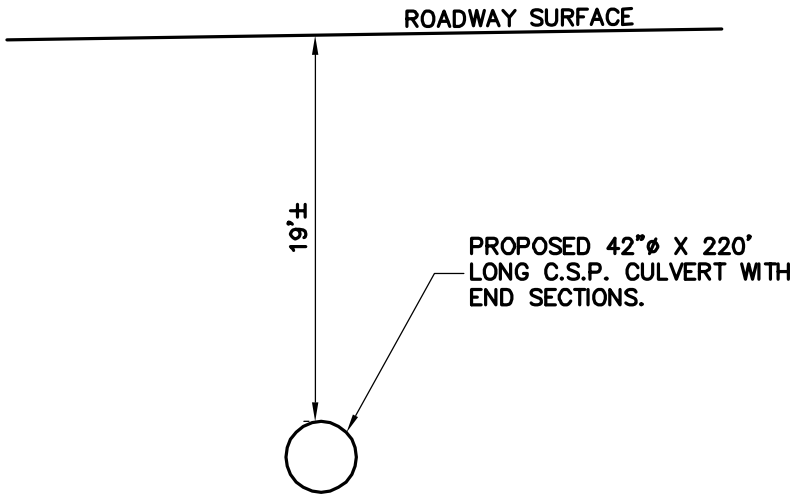


SECTION A–A

SR–10 STA. 327+04
PIPE CULVERT EXTENSION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 2, T.22S.,
R.5E., S.L.B.& M.
Date: December 20, 2006

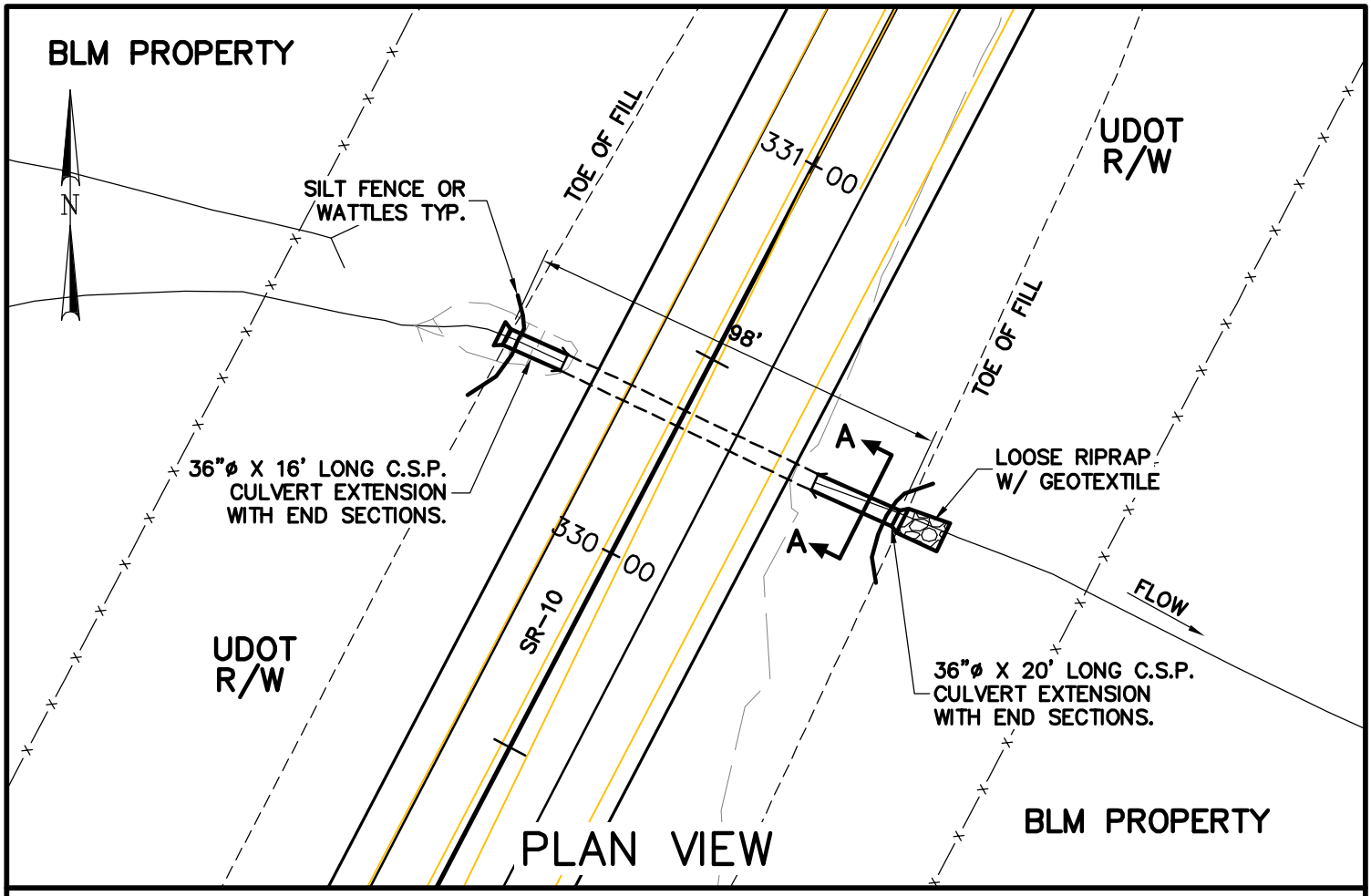


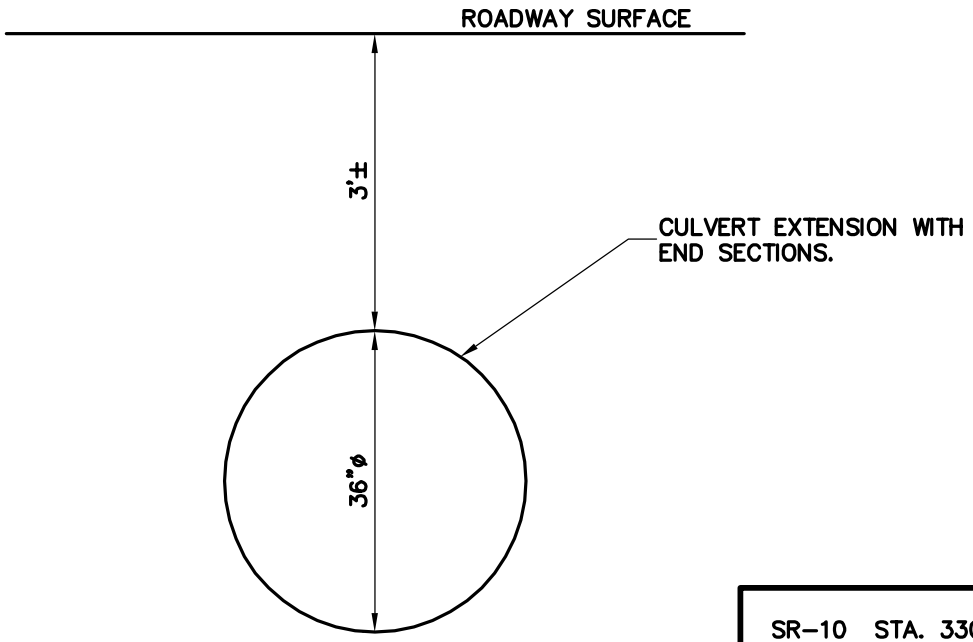
PLAN VIEW



SECTION A–A

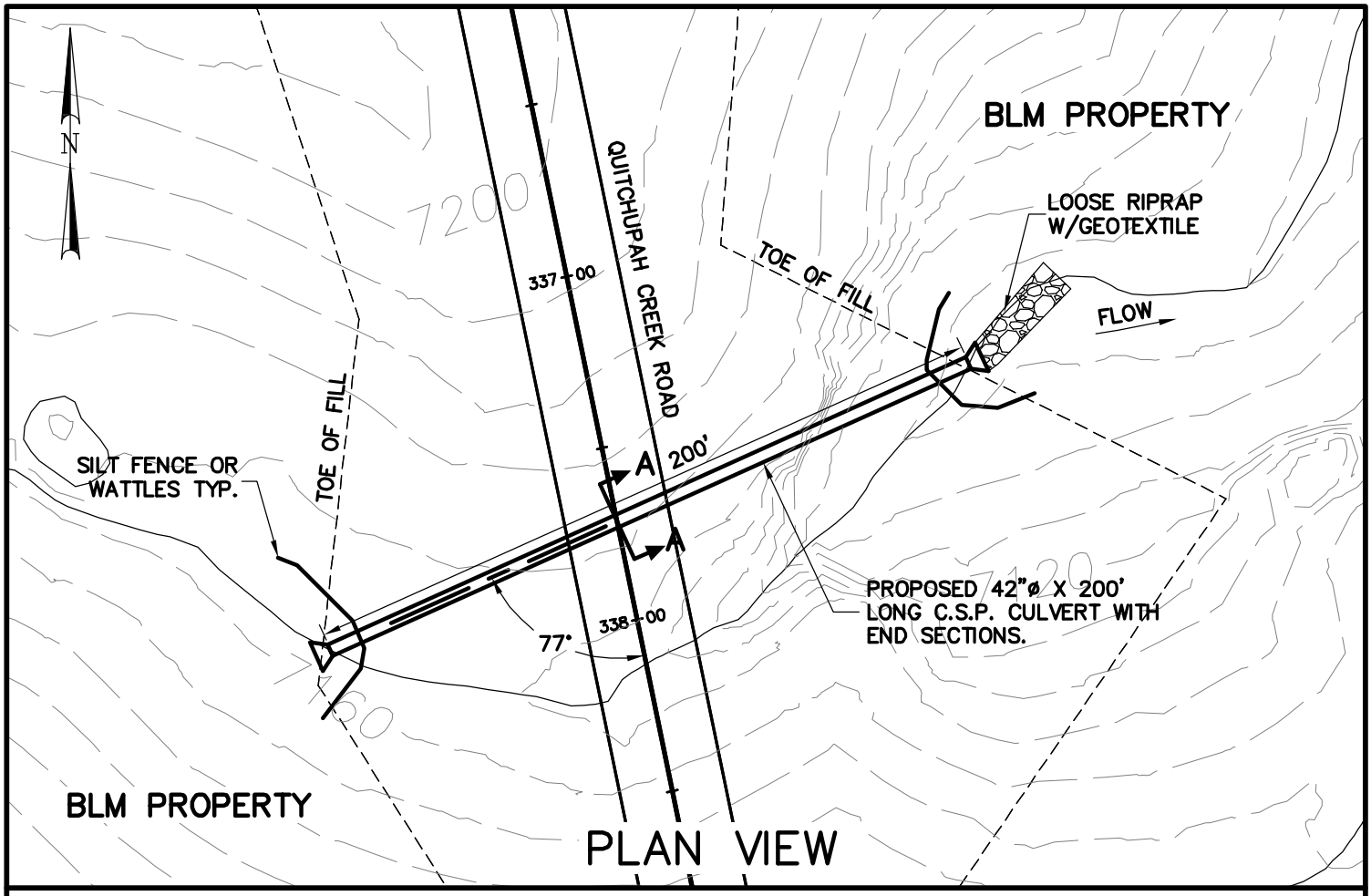
STA. 329+48
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 33, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

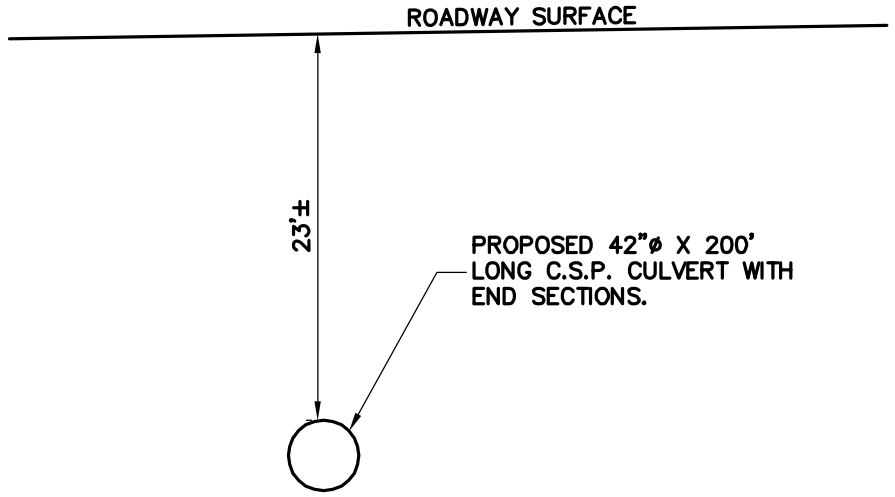




SECTION A–A

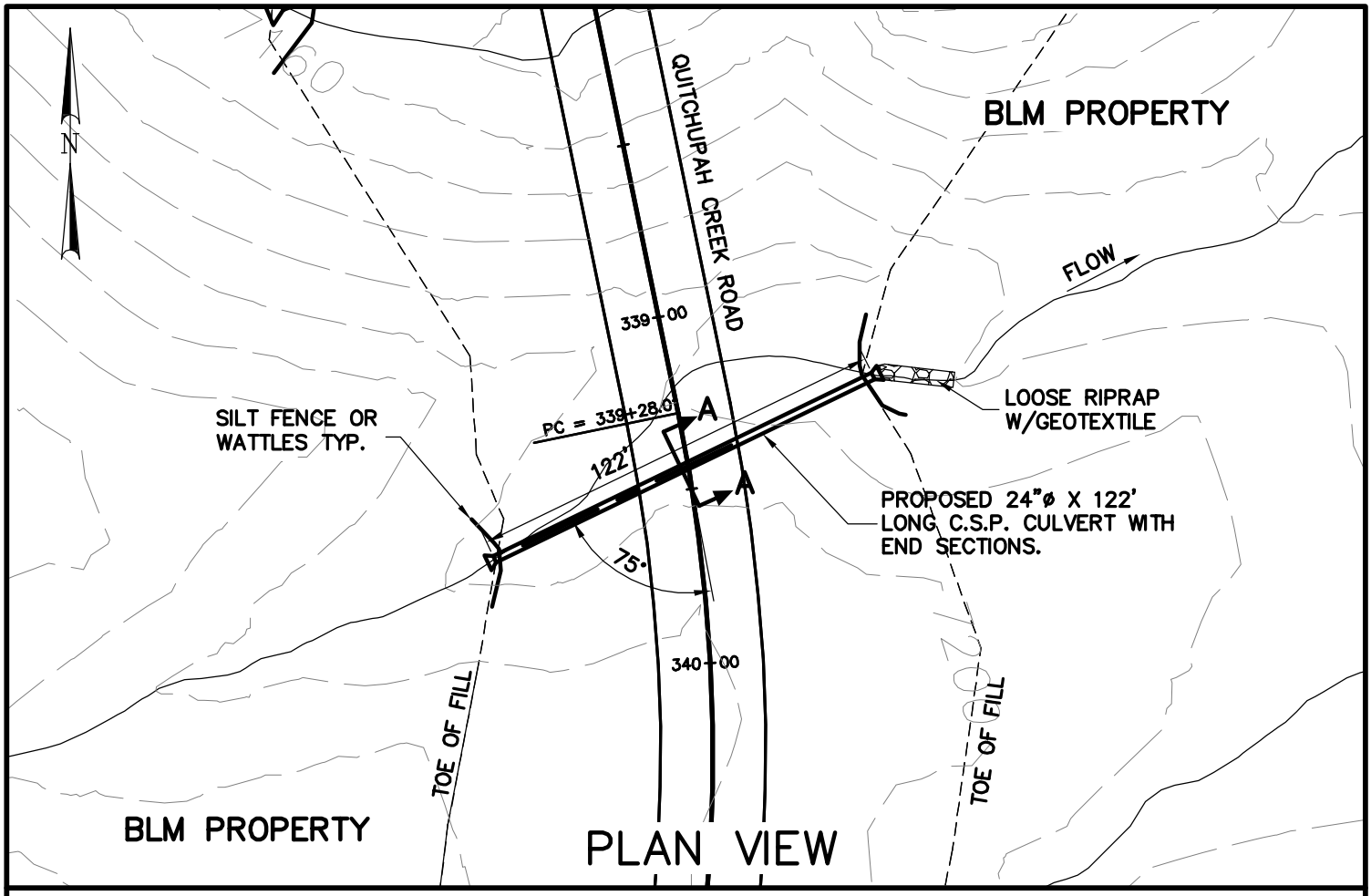
SR–10 STA. 330+34
PIPE CULVERT EXTENSION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 2, T.22S.,
R.5E., S.L.B.& M.
Date: December 20, 2006

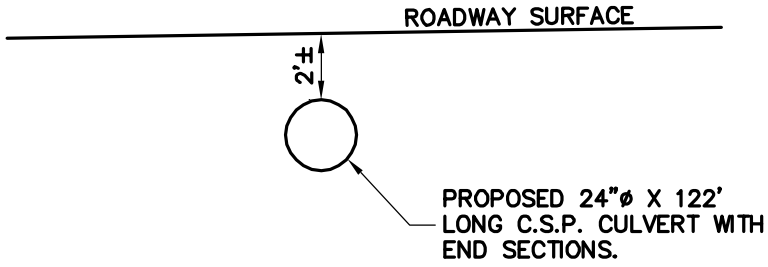




SECTION A–A

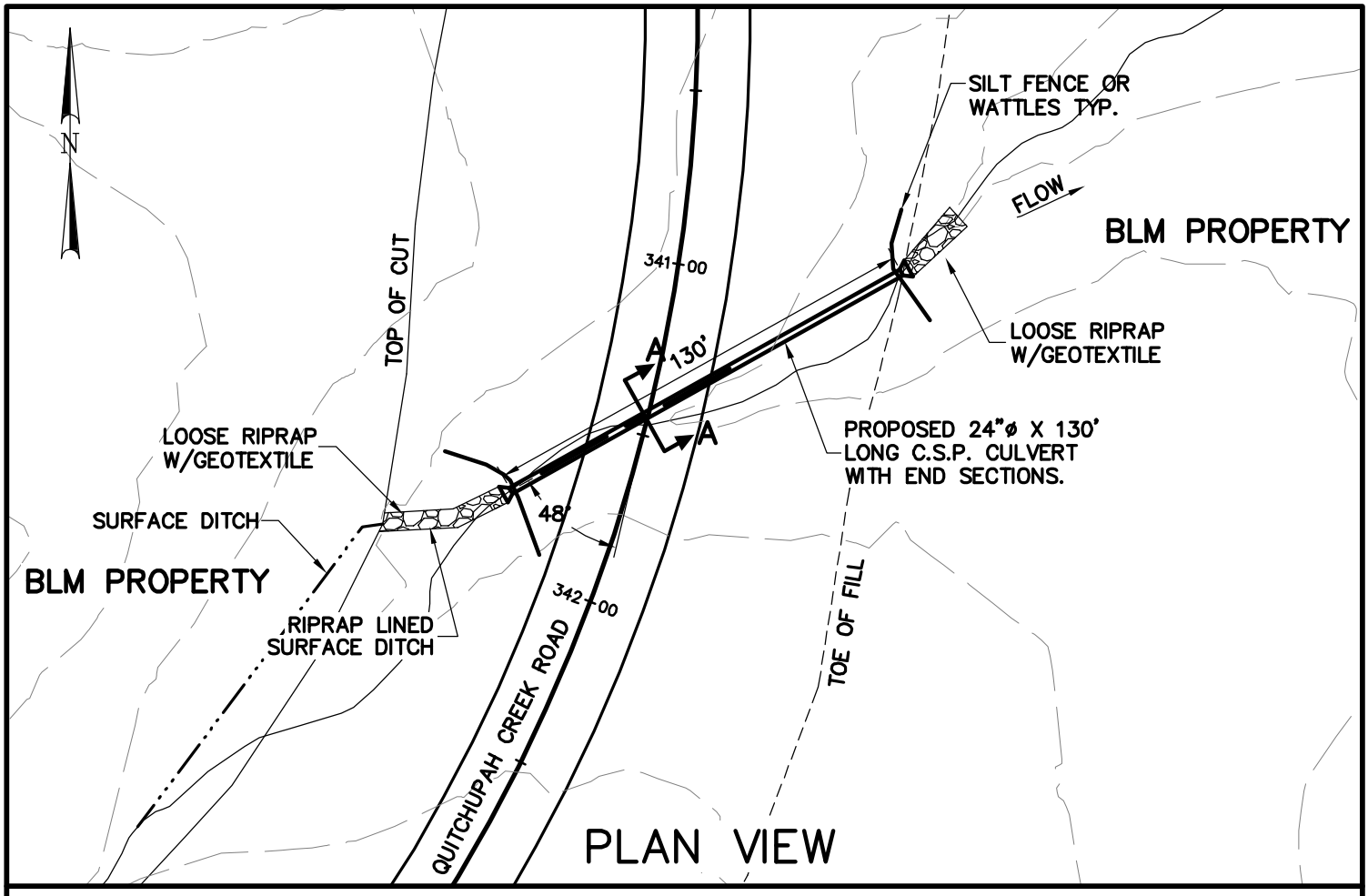
STA. 337+71
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 33, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

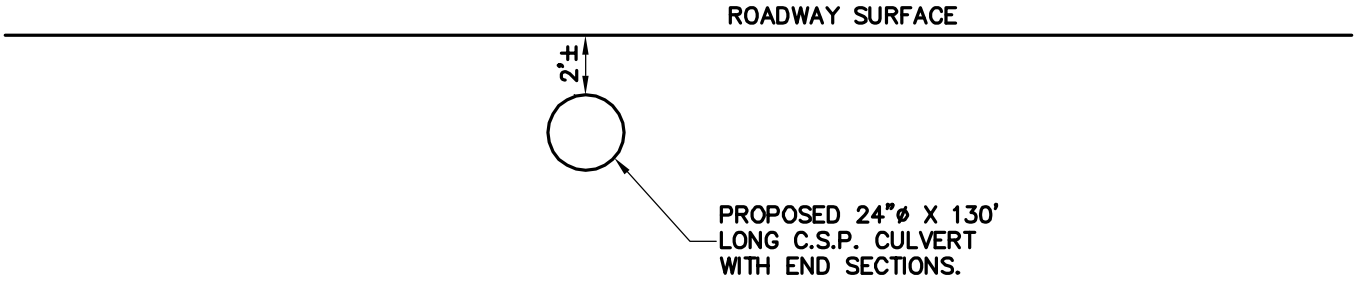




SECTION A–A

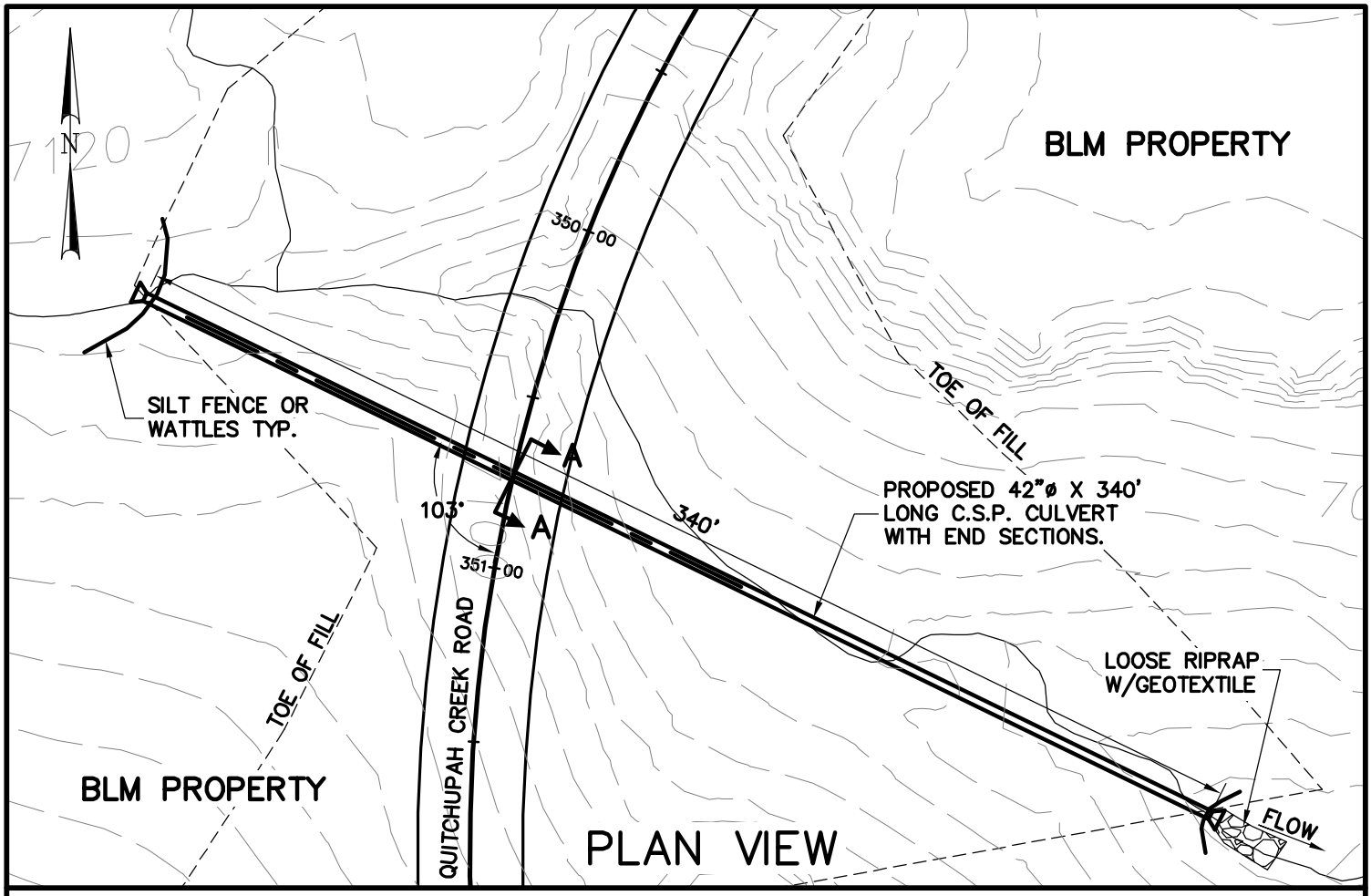
STA. 339+43
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 33, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

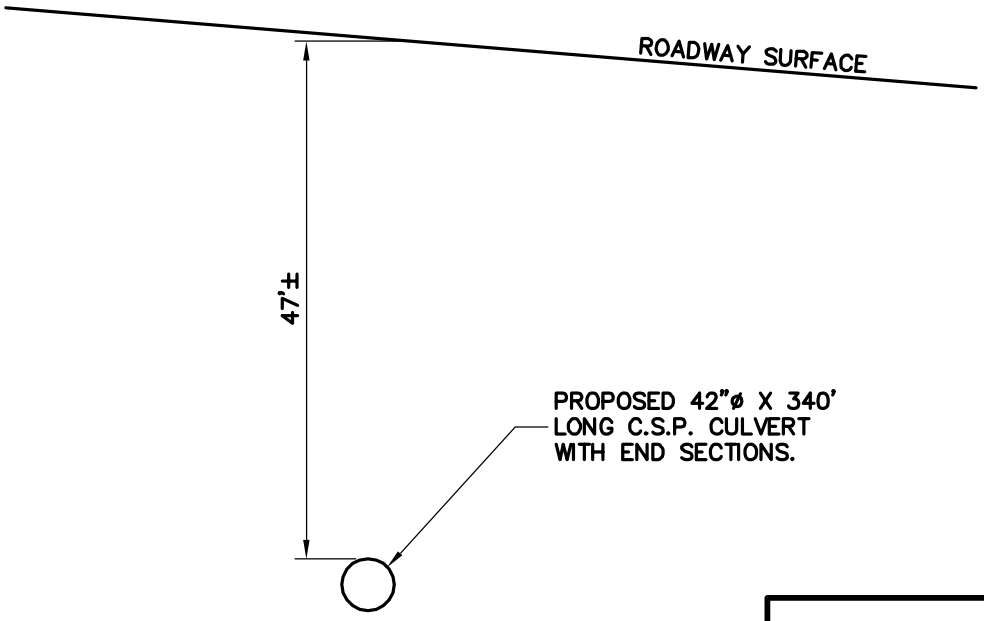




SECTION A–A

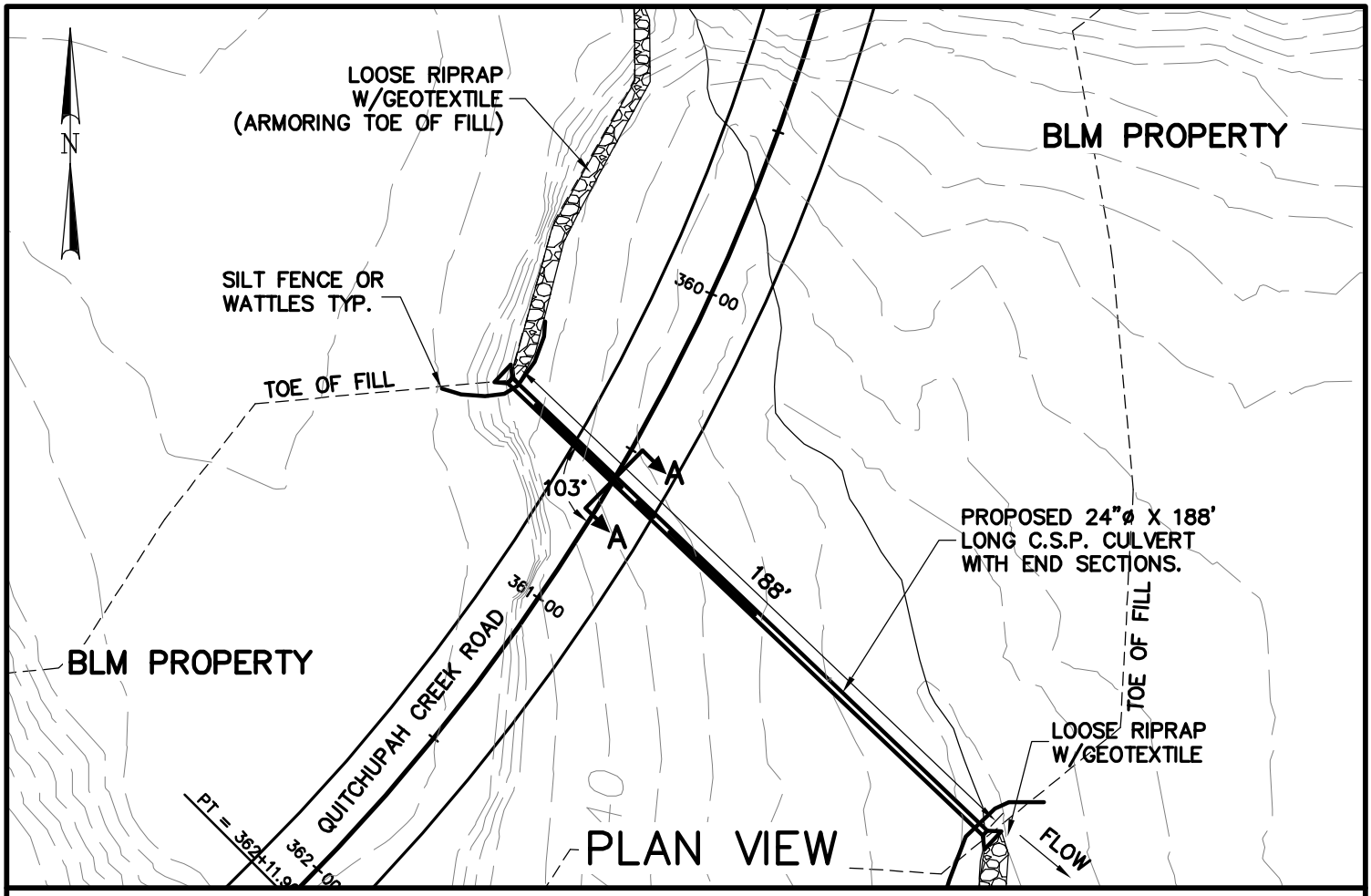
STA. 341+40
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 33, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

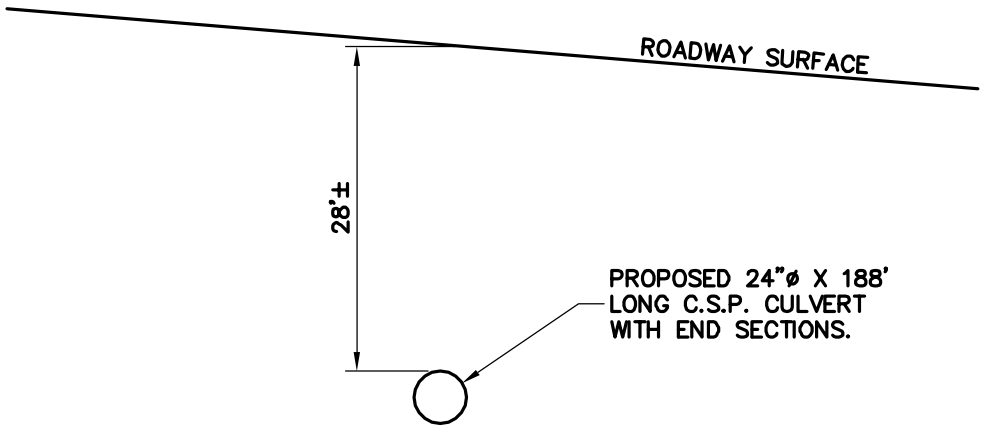




SECTION A–A

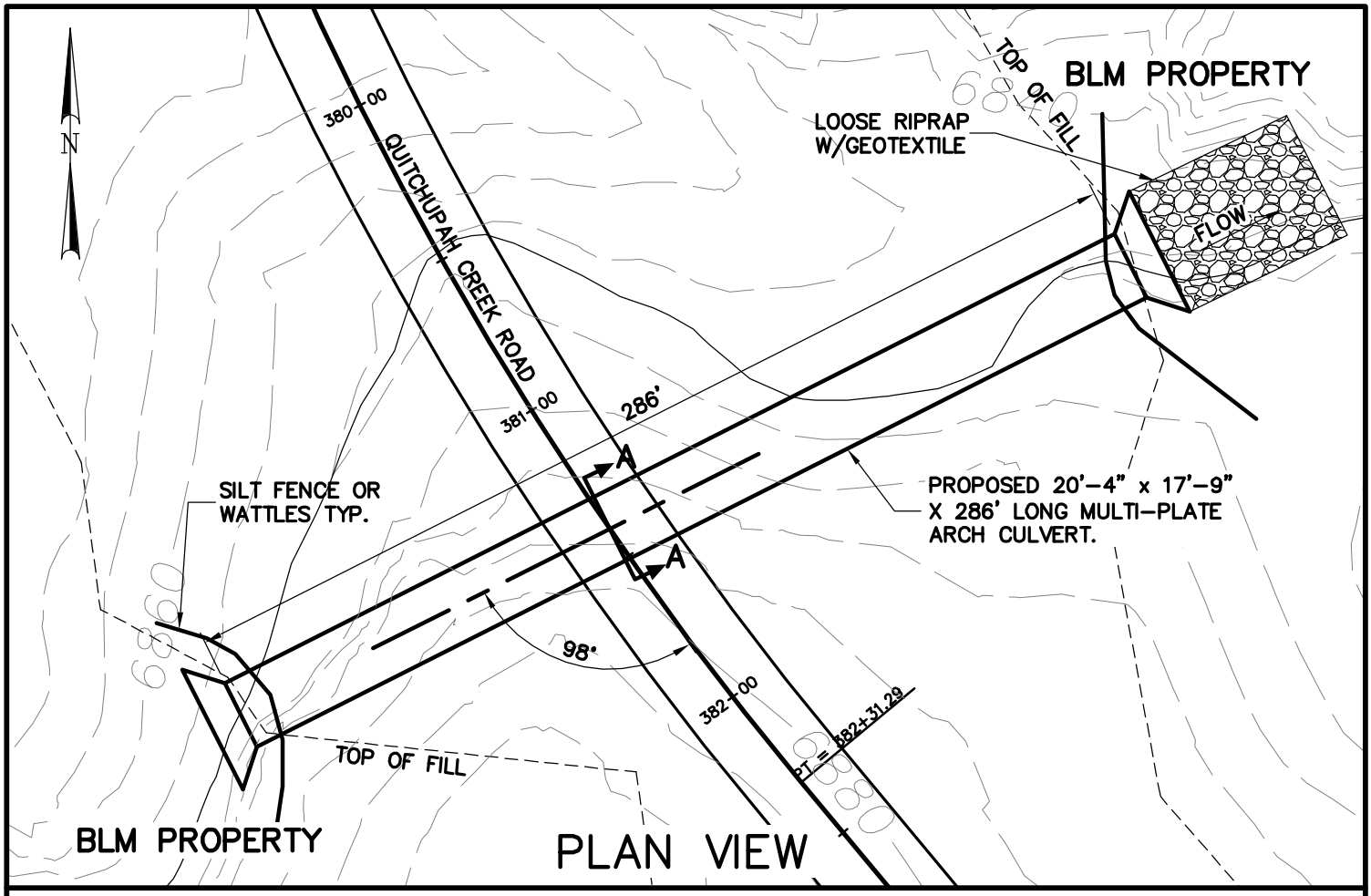
STA. 350+72
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 33, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

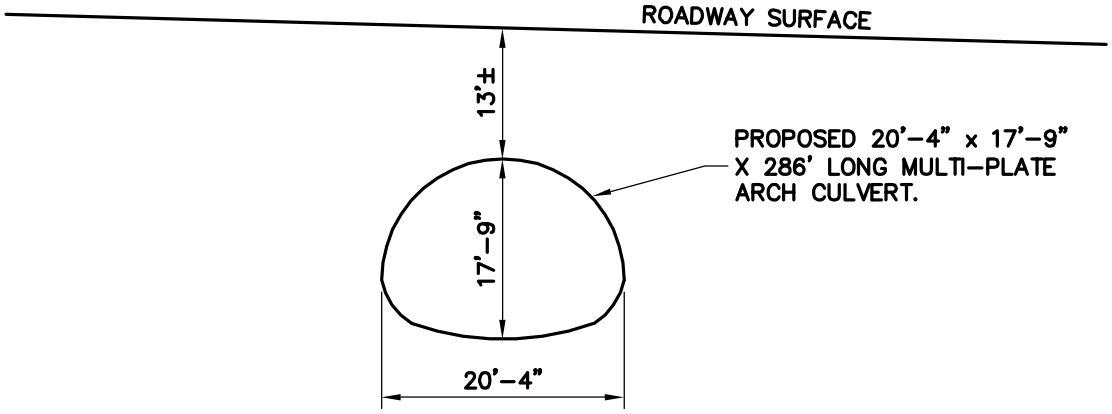




SECTION A–A

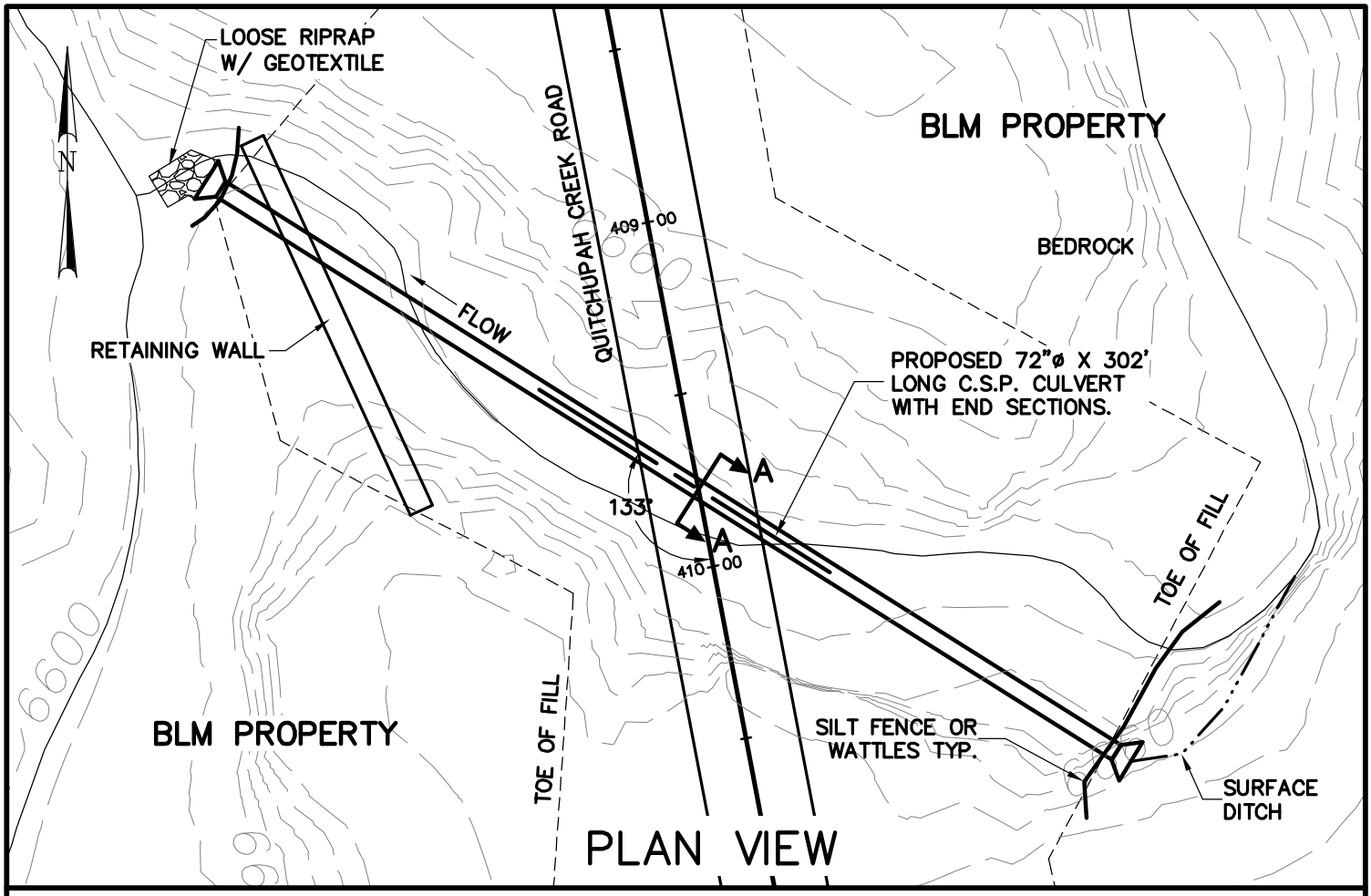
STA. 360+60
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 33, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

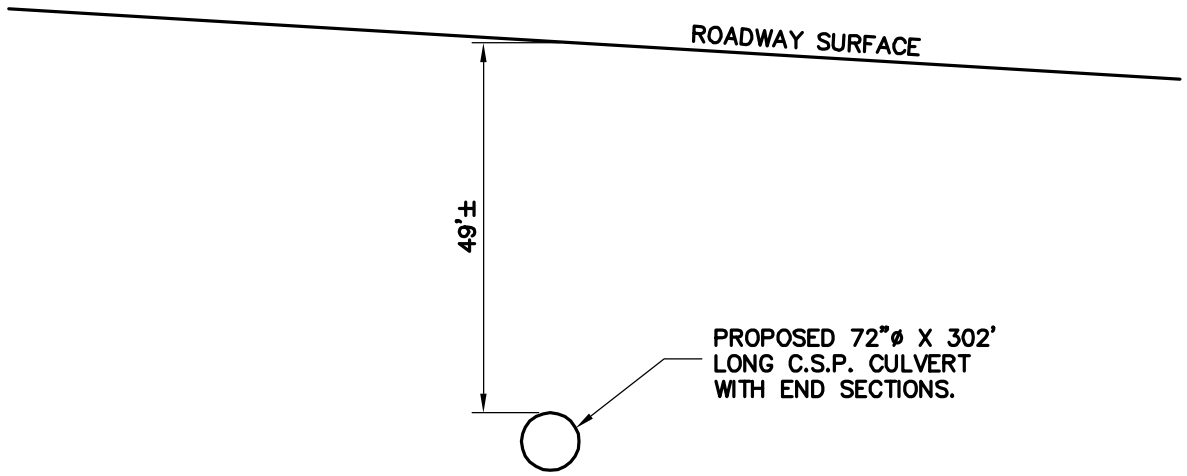




SECTION A-A

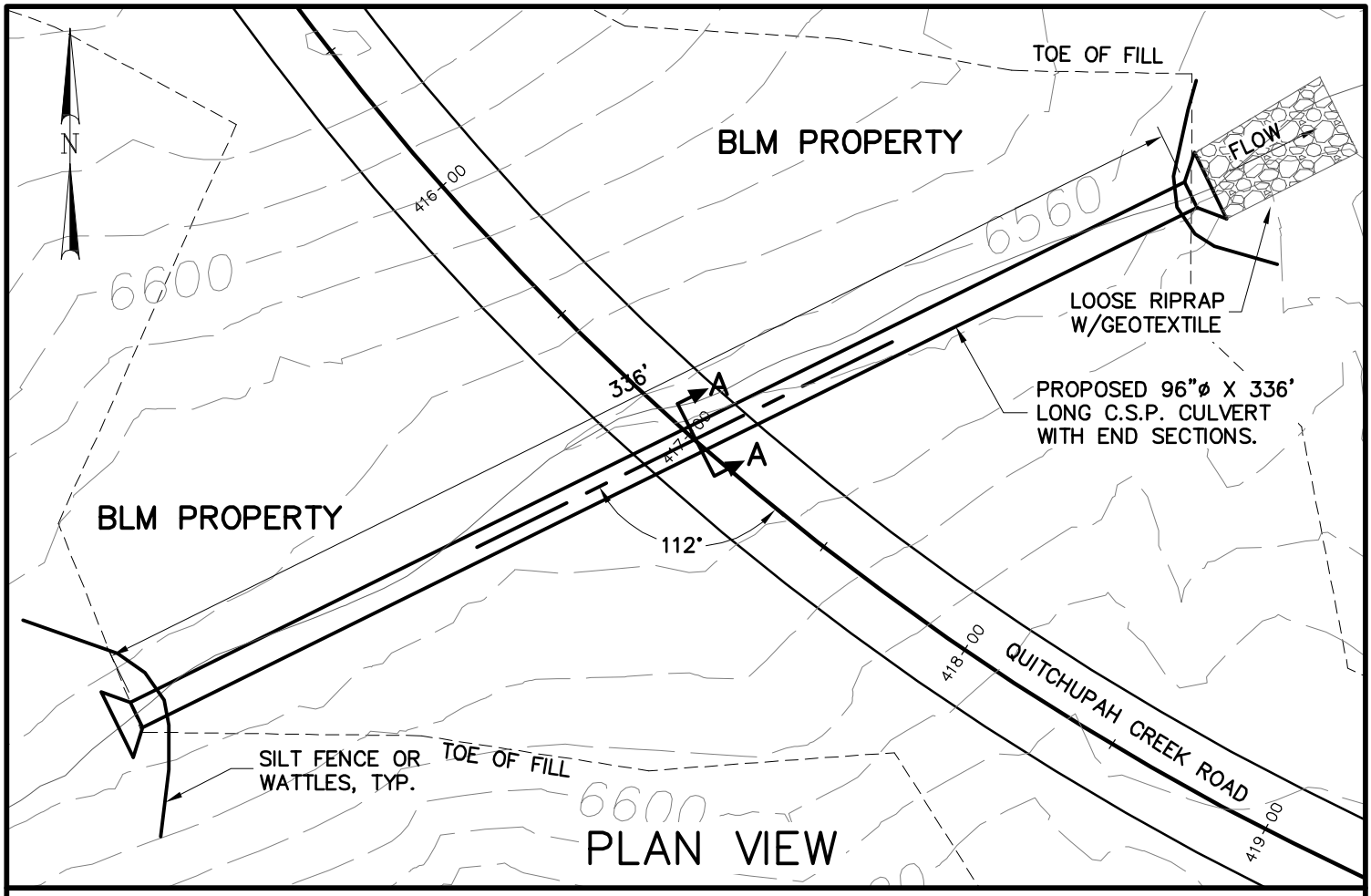
STA. 381+40
MULTI-PLATE ARCH CULVERT
INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 33, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006



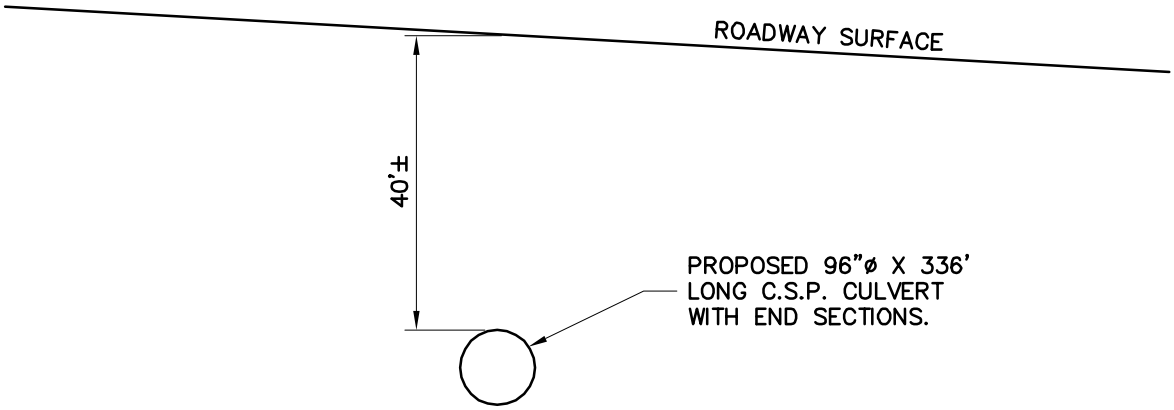


SECTION A–A

STA. 409+76
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 4, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

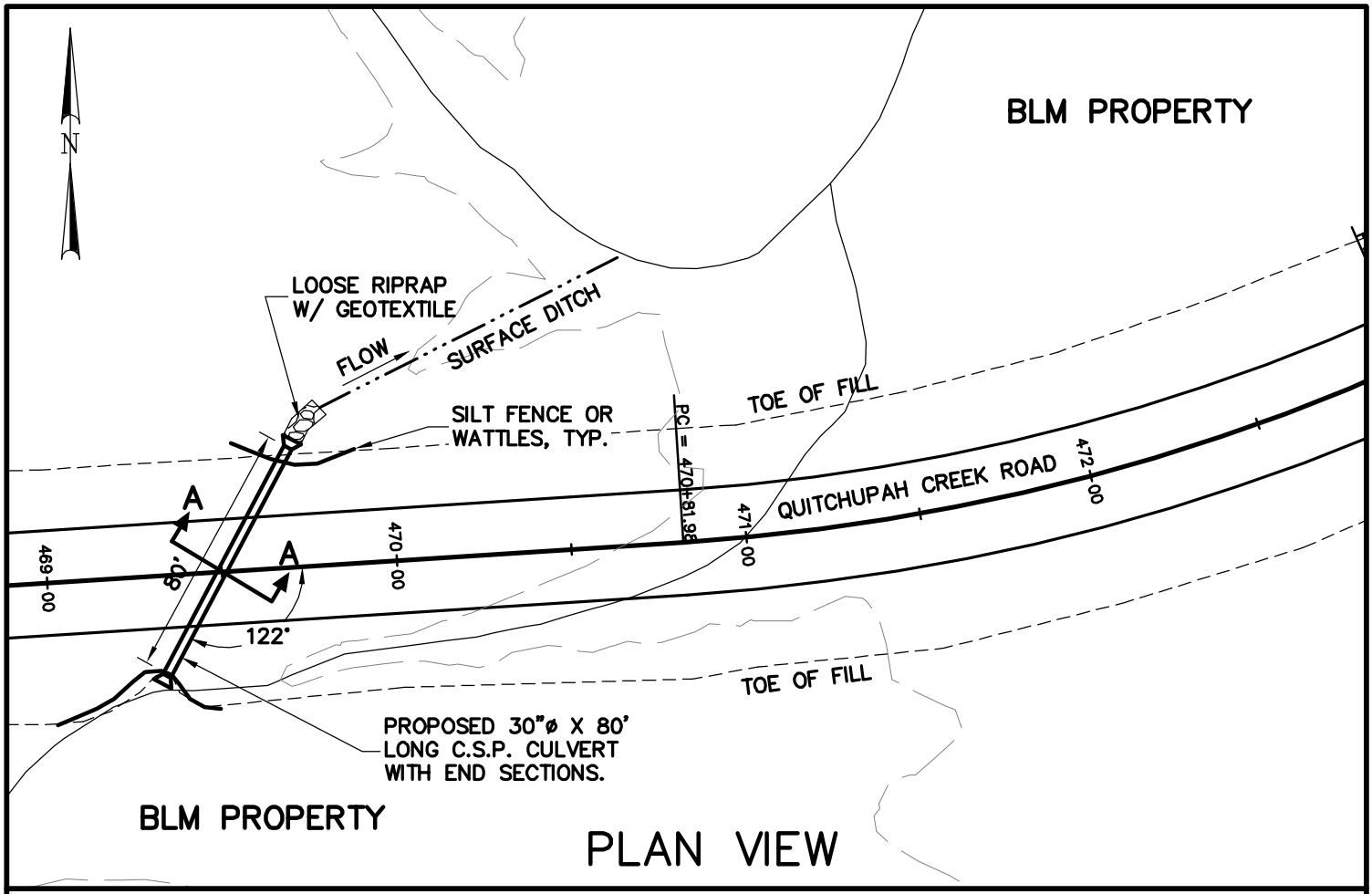


PLAN VIEW

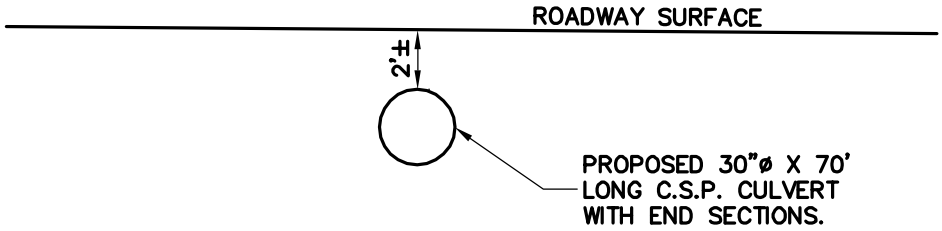


SECTION A–A

STA. 417+03
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 4, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

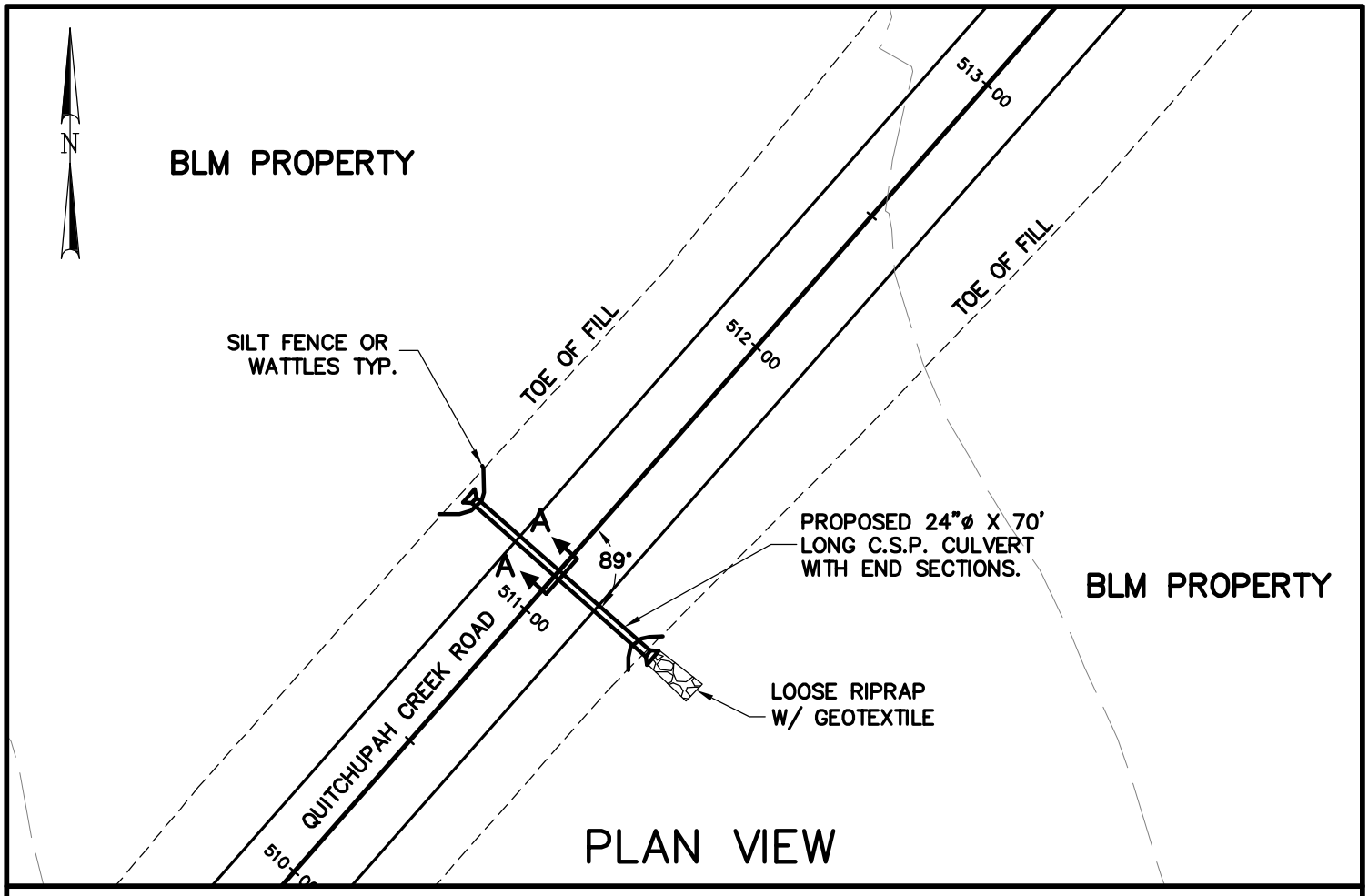


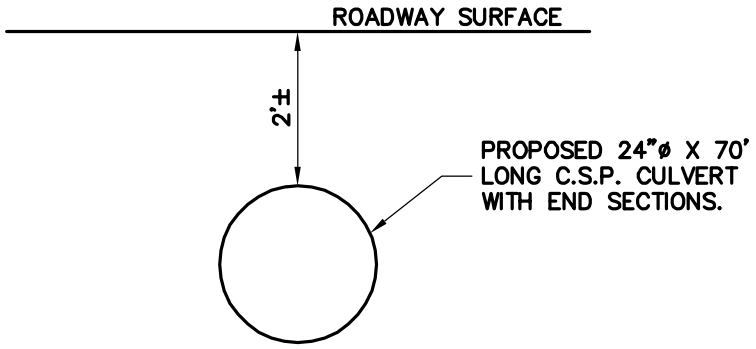
PLAN VIEW



SECTION A–A

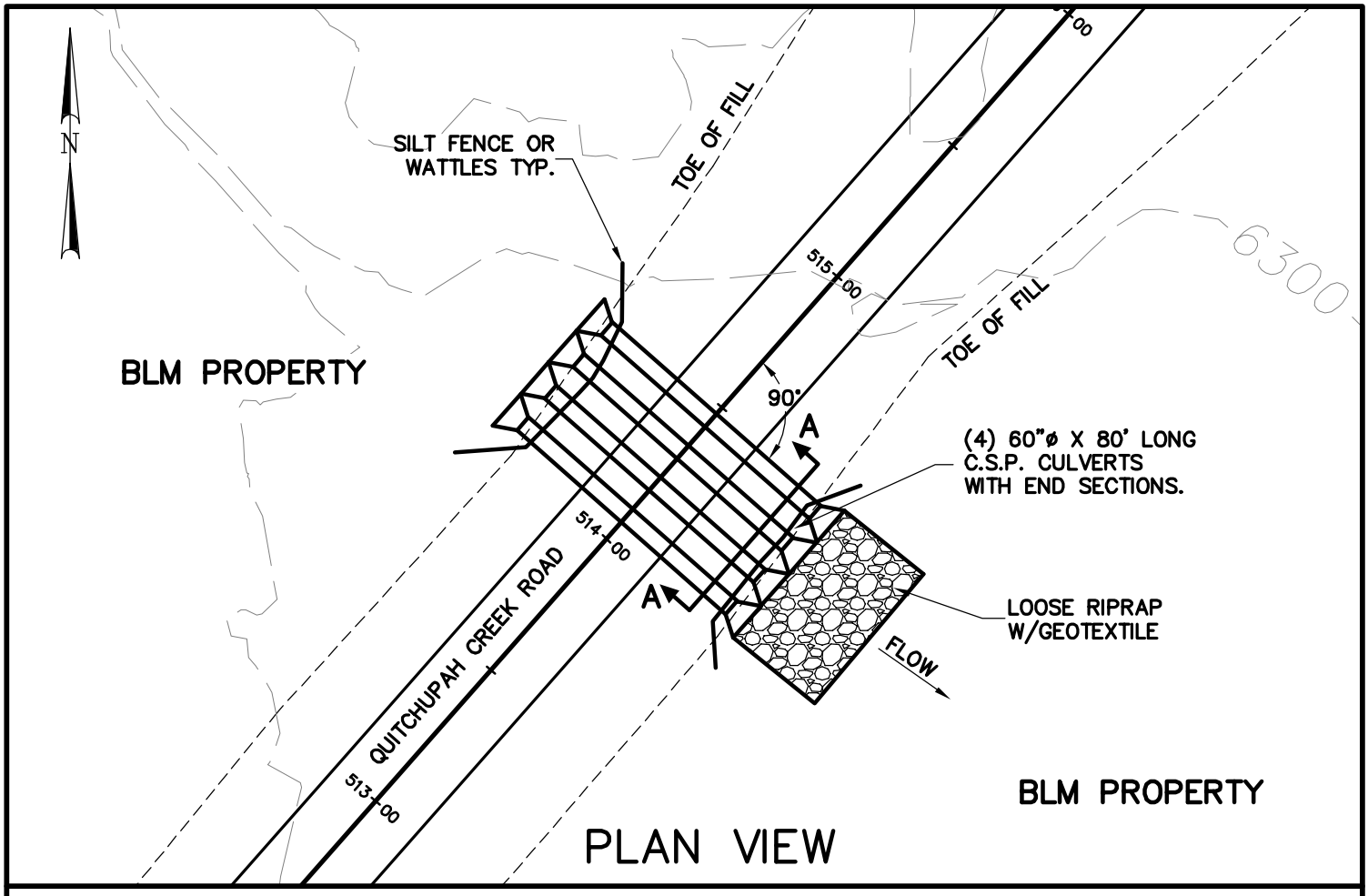
STA. 469+50
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 3, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006

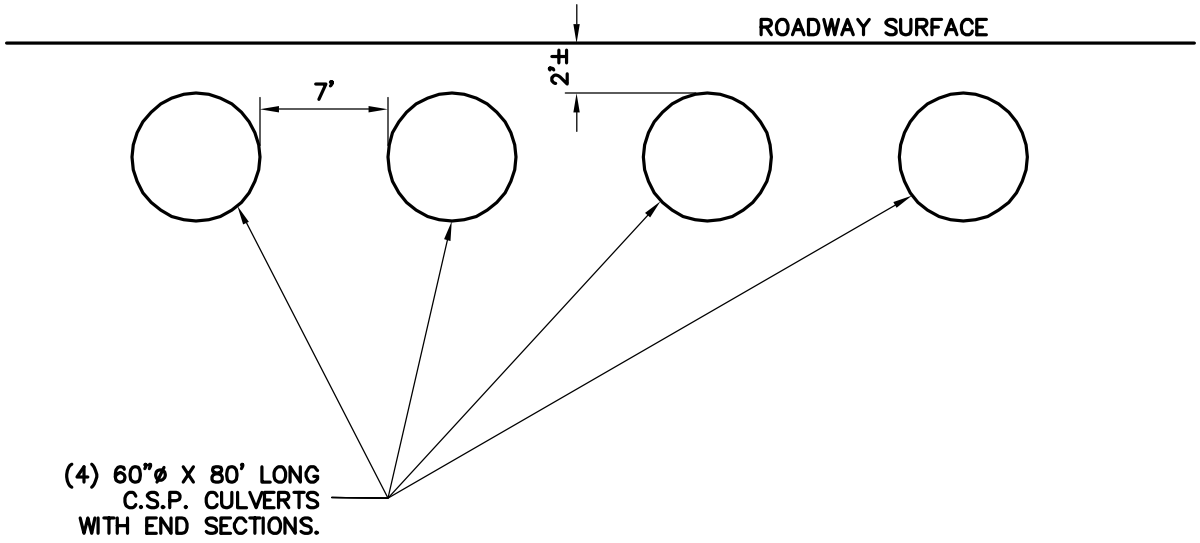




SECTION A–A

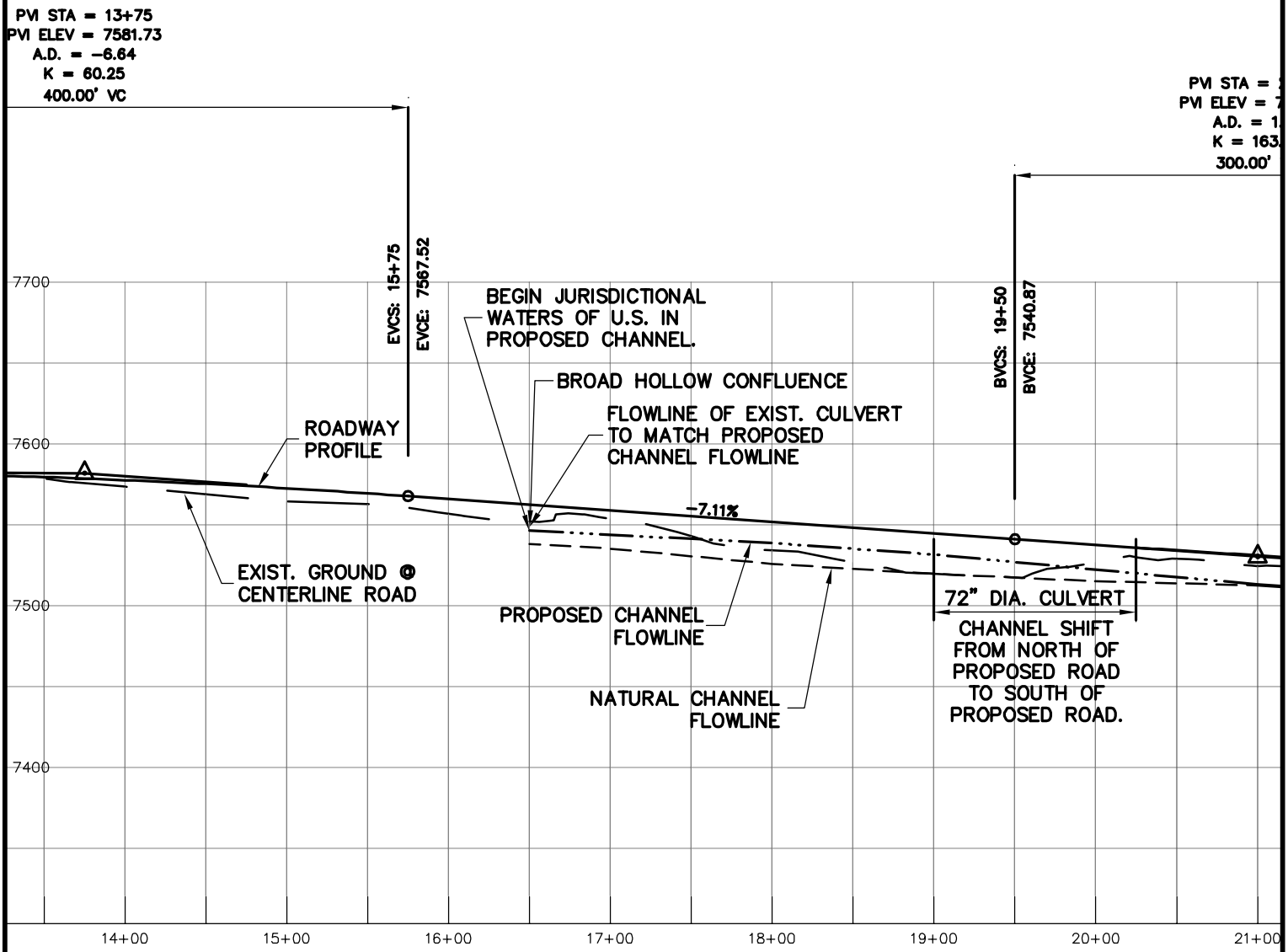
STA. 511+14
PIPE CULVERT INSTALLATION ON,
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 2, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006





SECTION A–A

STA. 514+27
PIPE CULVERT INSTALLATION ON
UNNAMED EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 2, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006



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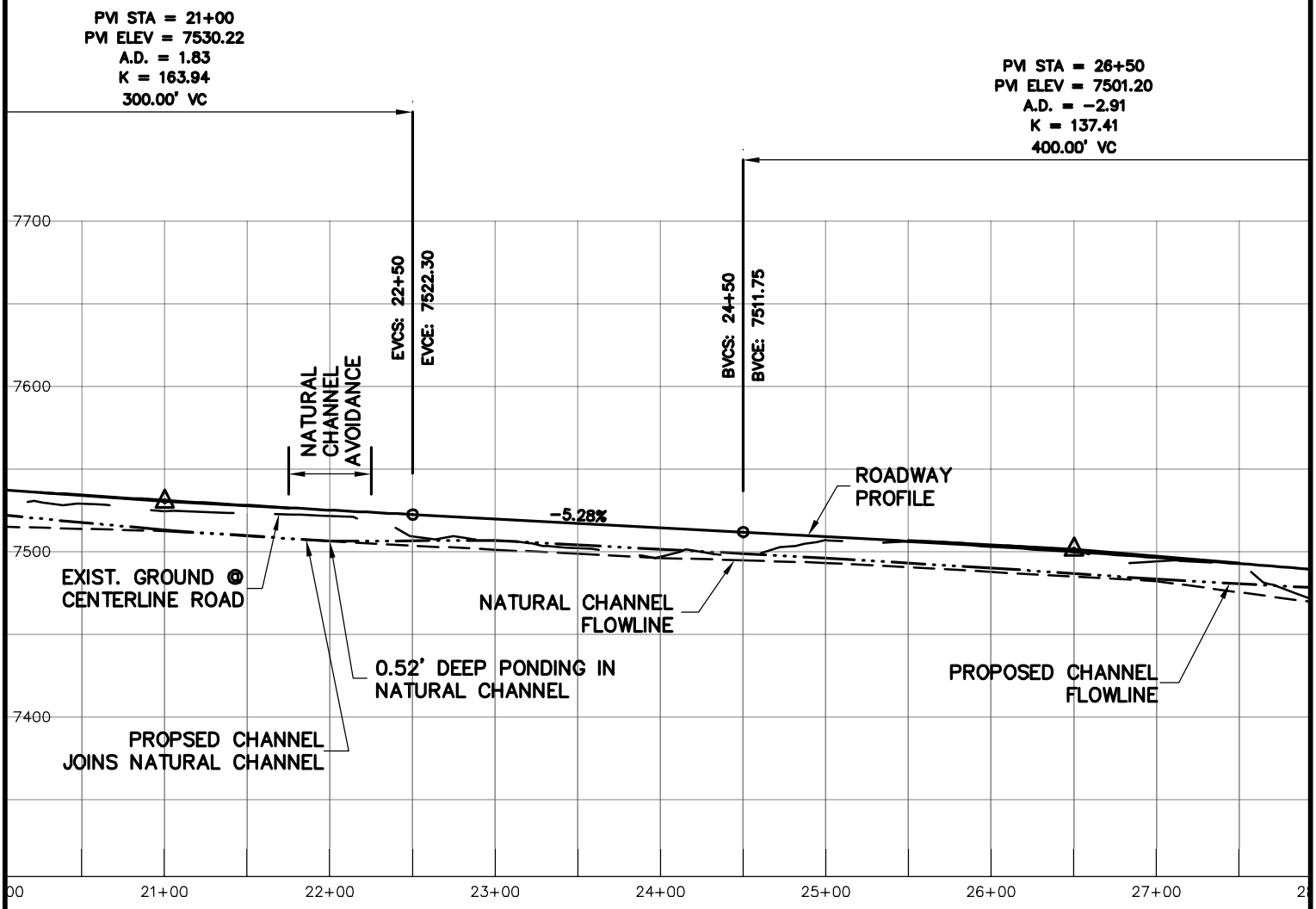
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
www.jonesanddemille.com

SCALE: 1:100

SEVIER COUNTY			FIGURE: A
QUITCHUPAH CREEK ROAD			
CHANNEL PROFILE			
DRAWN: L.G. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 1
CHECK: G.M. 12-06	FILE: EXIB_CHANNEL-PROF	LAST UPDATE: 12/28/2006	



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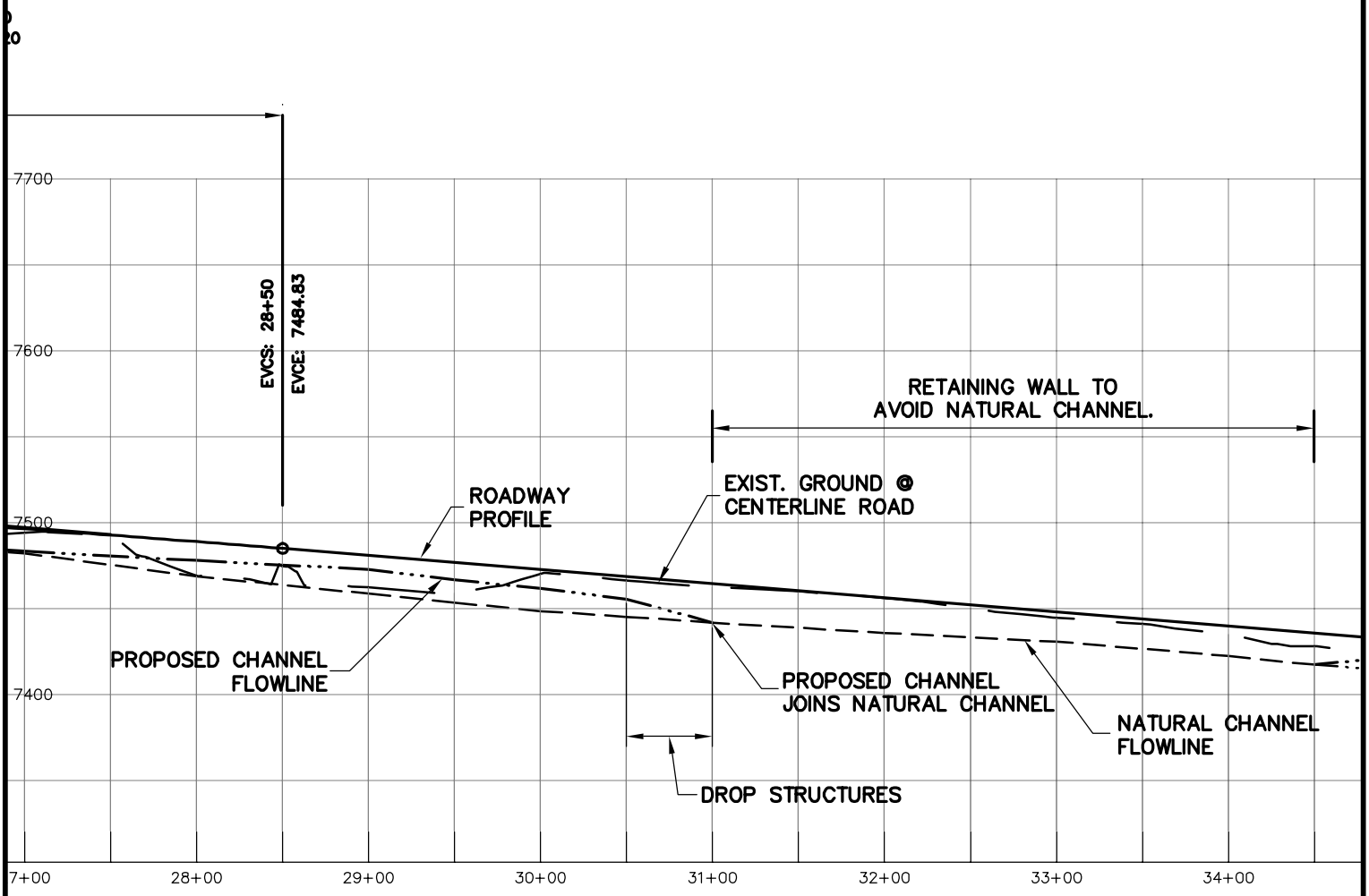
SCALE: 1:100

SEVIER COUNTY			FIGURE: B
QUITCHUPAH CREEK ROAD			
CHANNEL PROFILE			
DRAWN: L.G. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 2
CHECK: G.M. 12-06	FILE: EXIB_CHANNEL-PROF	LAST UPDATE: 12/28/2006	



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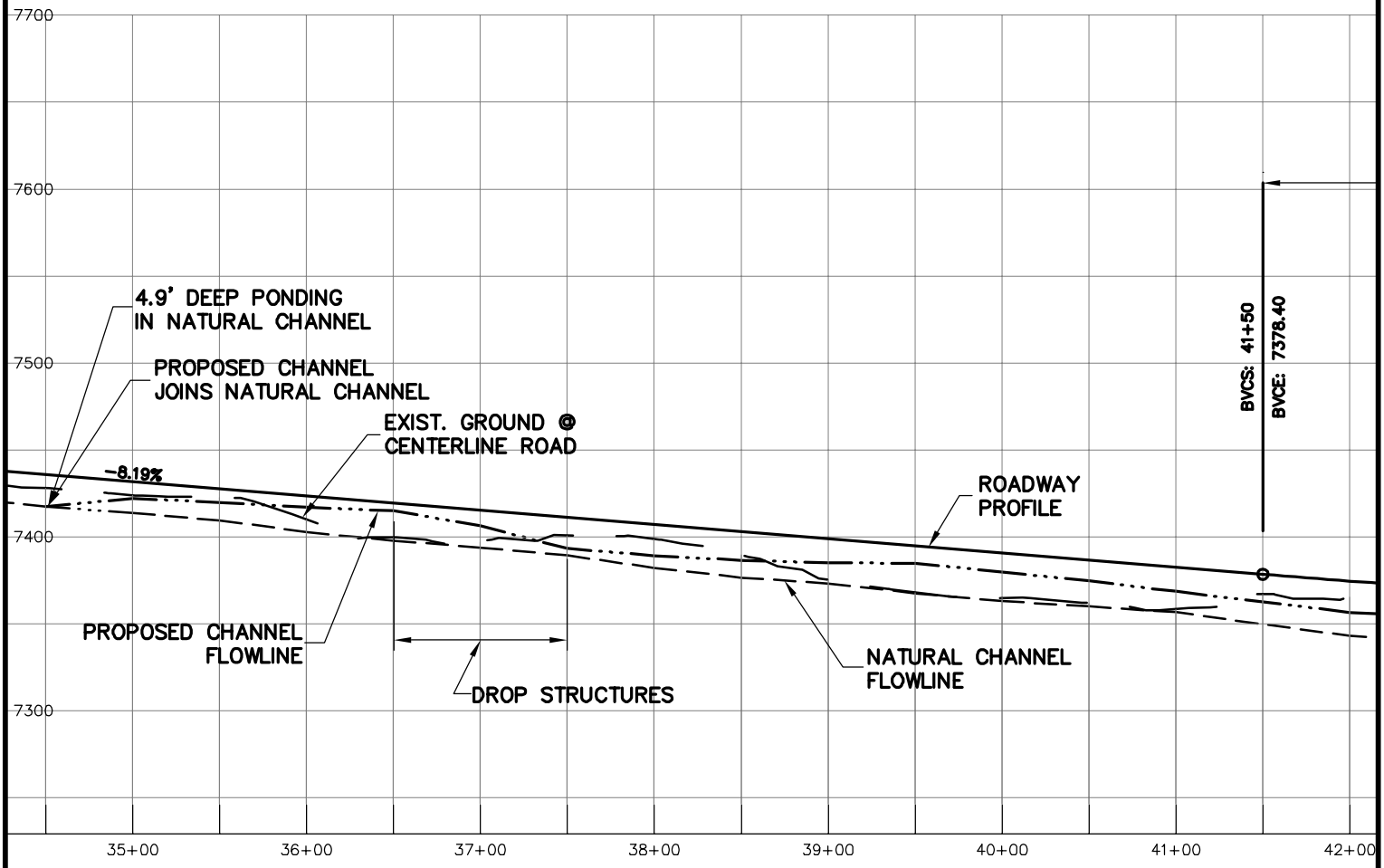
N

SCALE: 1:100

SEVIER COUNTY			FIGURE: C
QUITCHUPAH CREEK ROAD			
CHANNEL PROFILE			
DRAWN: L.G. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 3
CHECK: G.M. 12-06	FILE: EXIB_CHANNEL-PROF	LAST UPDATE: 12/28/2006	



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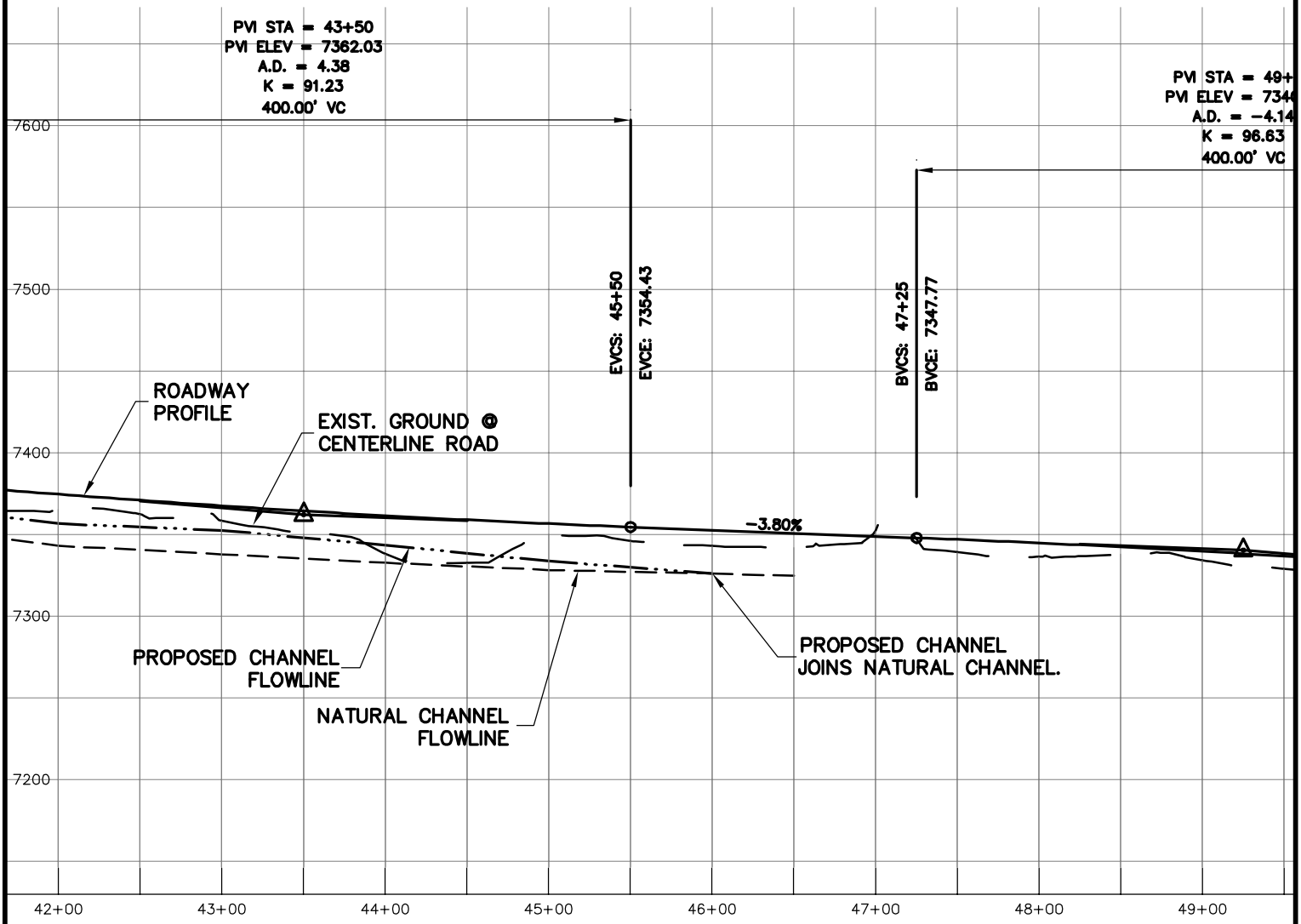
N

SCALE: 1:100

SEVIER COUNTY			FIGURE: D
QUITCHUPAH CREEK ROAD			
CHANNEL PROFILE			
DRAWN: L.G. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 4
CHECK: G.M. 12-06	FILE: EXIB_CHANNEL-PROF	LAST UPDATE: 12/28/2006	



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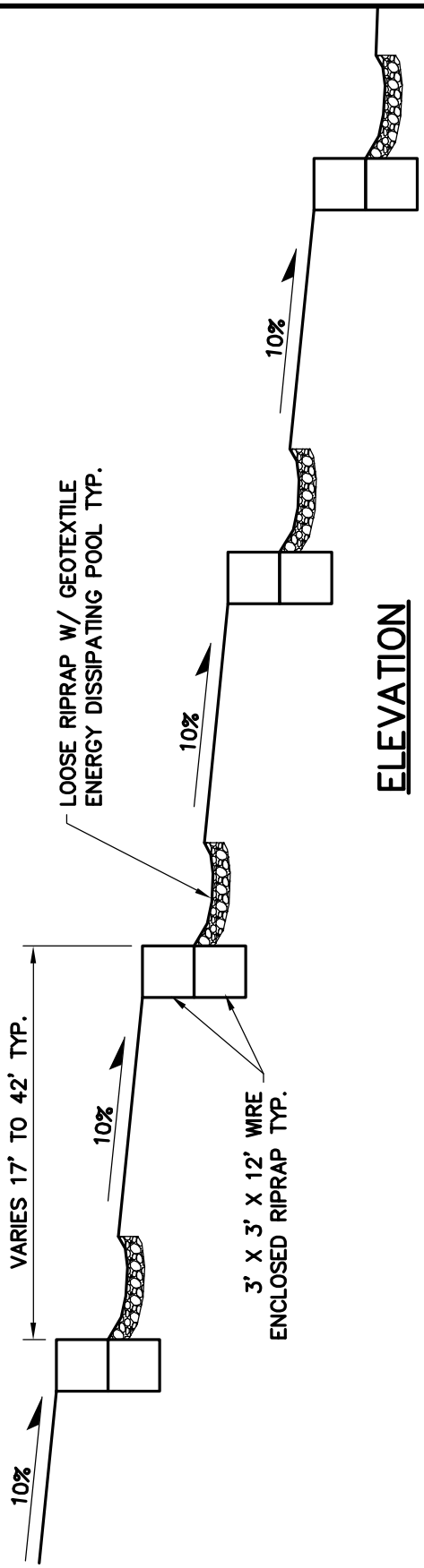
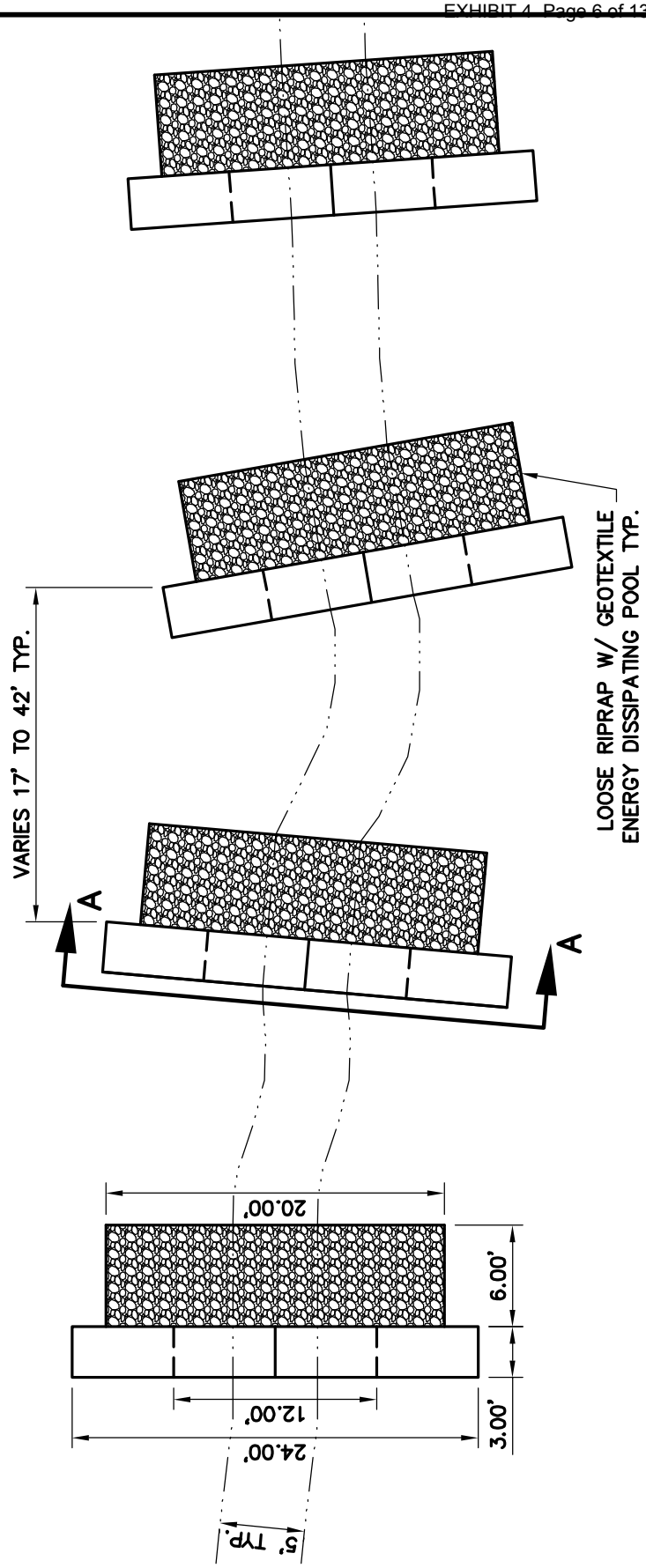
SCALE: 1:100

SEVIER COUNTY			FIGURE: E
QUITCHUPAH CREEK ROAD			
CHANNEL PROFILE			
DRAWN: L.G. 12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 5
CHECK: G.M. 12-06	FILE: EXIB_CHANNEL.DGN	LAST UPDATE: 12/28/2006	



ELEVATION



PLAN VIEW

Jones & DeMille Engineering
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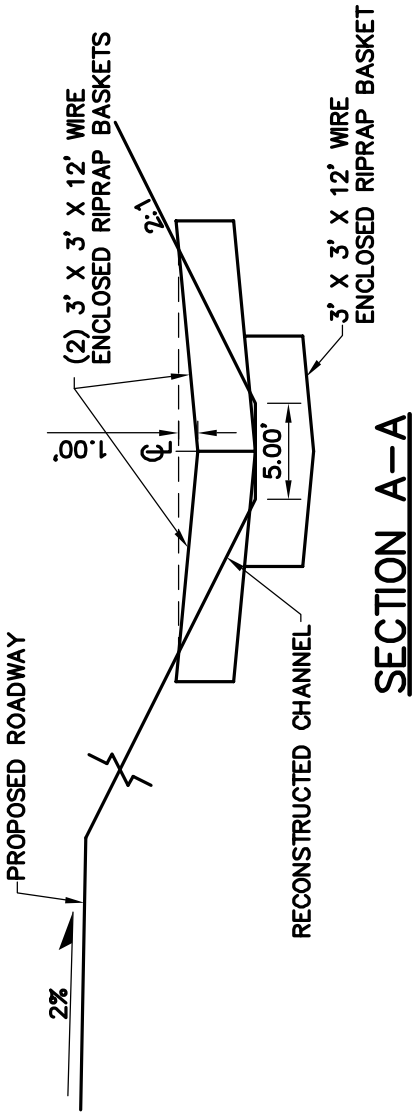
N

SCALE: 1"=10'

SEVIER COUNTY - SSD #1					FIGURE: 1
QUITCHUPAH ROAD					
CHANNEL DROP STRUCTURE					
DRAWN: K.J.	12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002		SHEET: 1
CHECK: G.M.	12-06	FILE: DT-EXHIBIT	LAST UPDATE: 12/28/2006		



SECTION A–A

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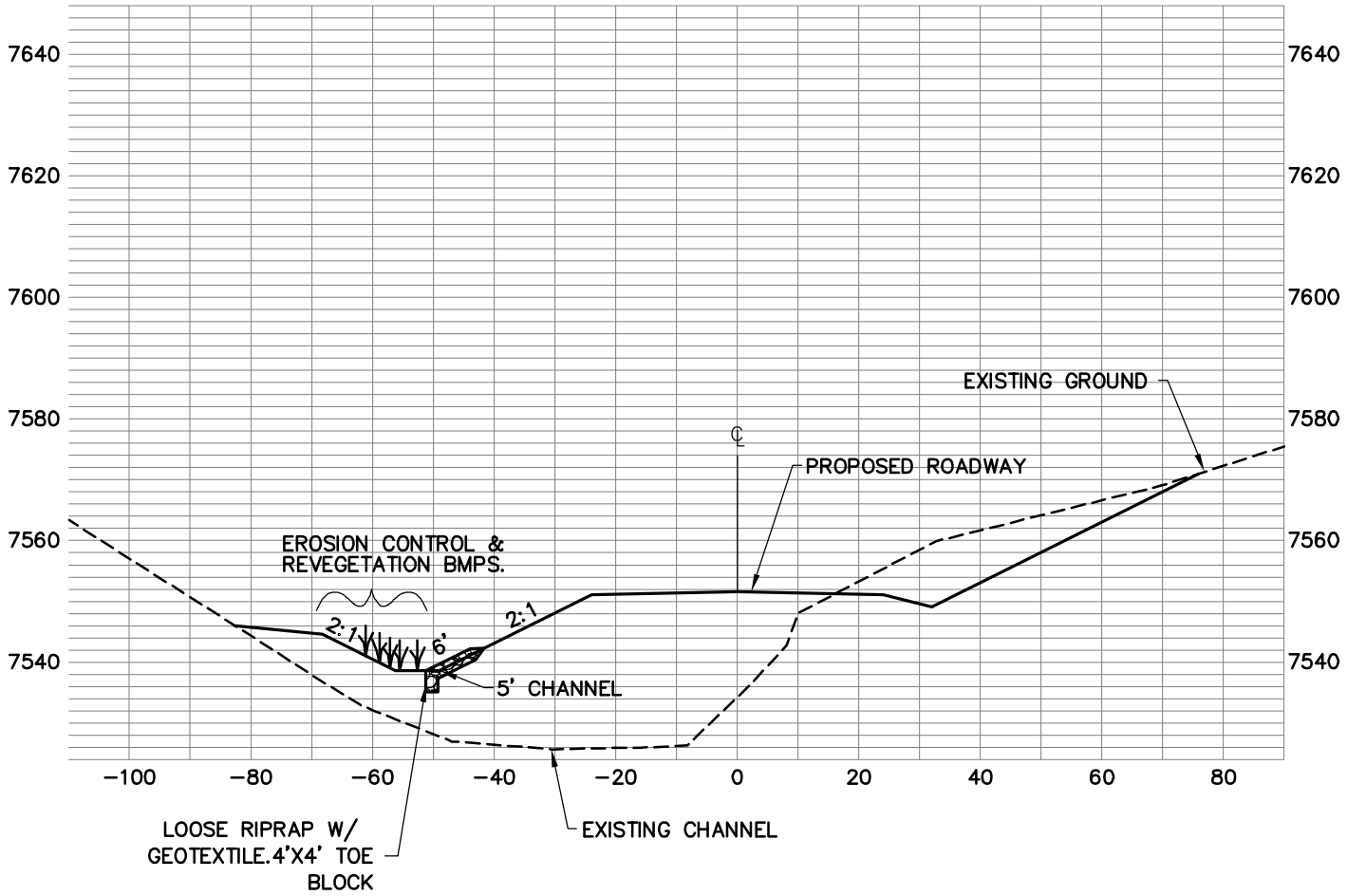
N

SCALE: 1"=10'

SEVIER COUNTY - SSD #1					FIGURE: 2
QUITCHUPAH ROAD					
CHANNEL DROP STRUCTURE					
DRAWN: K.J.	12-06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002		SHEET: 2
CHECK: G.M.	12-06	FILE: DT-EXHIBIT	LAST UPDATE: 12/28/2006		



STA. 18+00

TYPICAL CHANNEL RELOCATION

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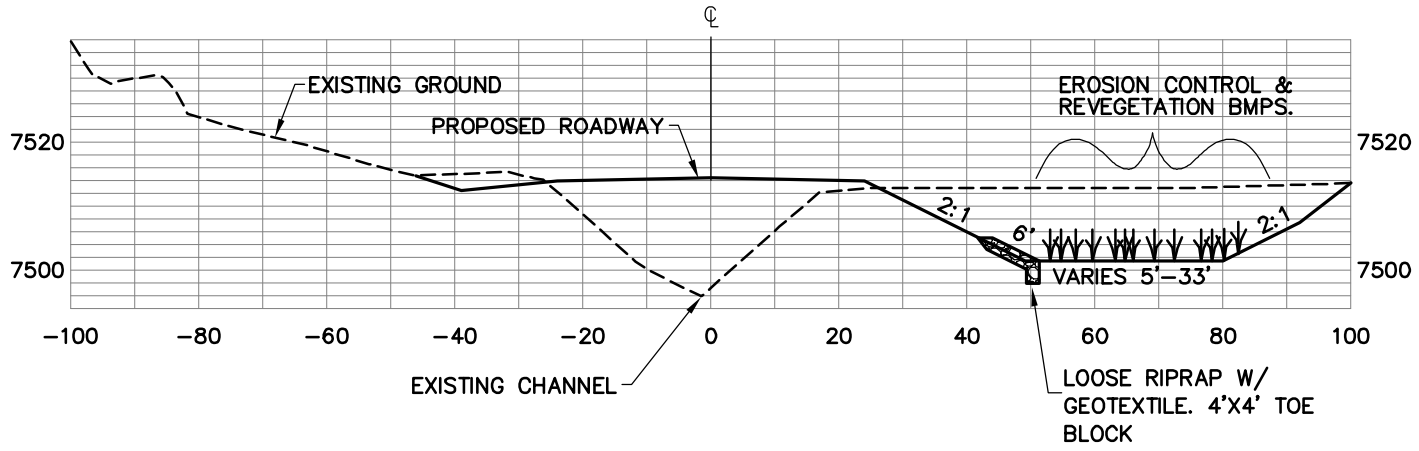
SCALE: 1"=30'	SEVIER COUNTY		FIGURE: 1
	QUITCHUPAH CREEK ROAD		
	CROSS-SECTION - STA. 18+00		
	DRAWN: K.J. 12/22/06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002
	CHECK: . .	FILE: 24_33_40_49	LAST UPDATE: 12/28/2006
			SHEET: 1



STA. 24+00

TYPICAL CHANNEL RELOCATION

Jones & DeMille Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
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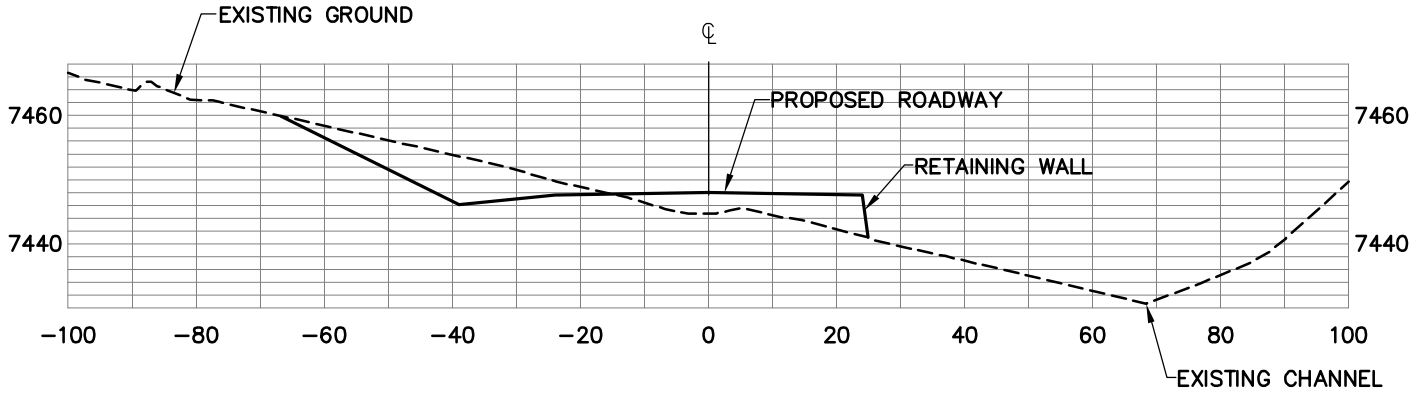
SCALE: 1"=30'	SEVIER COUNTY		FIGURE: 2
	QUITCHUPAH CREEK ROAD		
	CROSS-SECTION - STA. 24+00		
	DRAWN: L.G. 12/15/06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002
	CHECK: . .	FILE: 24_33_40_49	LAST UPDATE: 12/28/2006
			SHEET: 2



STA. 33+00

COMPLETE AVOIDANCE OF QUITHCUPAH CREEK.

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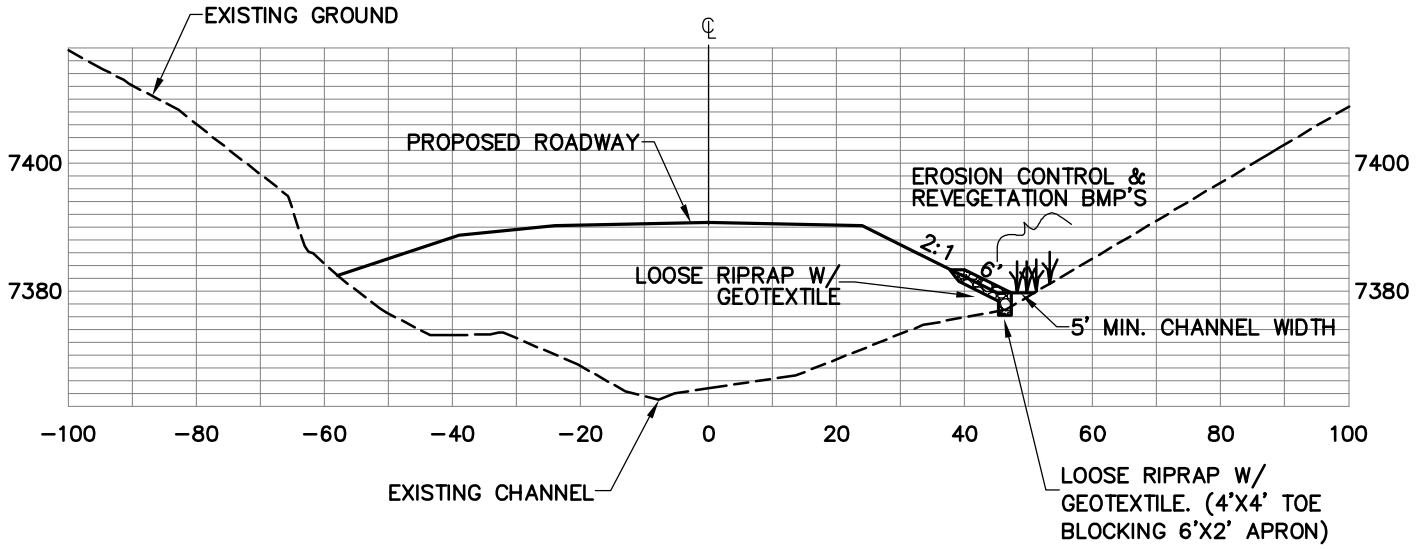
SCALE: 1"=30'

SEVIER COUNTY			FIGURE: 3
QUITCHUPAH CREEK ROAD			
CROSS-SECTION - STA. 33+00			
DRAWN: L.G. 12/15/06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 3
CHECK: . .	FILE: 24_33_40_49	LAST UPDATE: 12/28/2006	



STA. 40+00

TYPICAL CHANNEL RELOCATION

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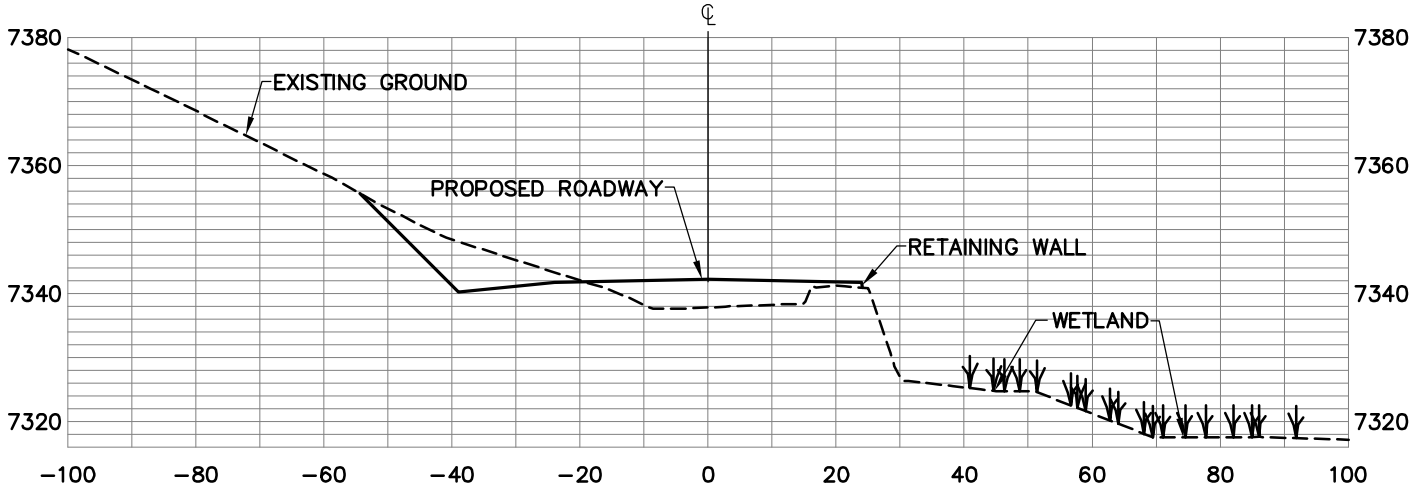
N

SCALE: 1"=30'

SEVIER COUNTY			FIGURE: 4
QUITCHUPAH CREEK ROAD			
CROSS-SECTION - STA. 40+00			
DRAWN: L.G. 12/15/06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 4
CHECK: . .	FILE: 24_33_40_49	LAST UPDATE: 12/28/2006	



STA. 48+50

USE OF RETAINING WALL TO AVOID WETLAND

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1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8266 Fax (435) 896-8268
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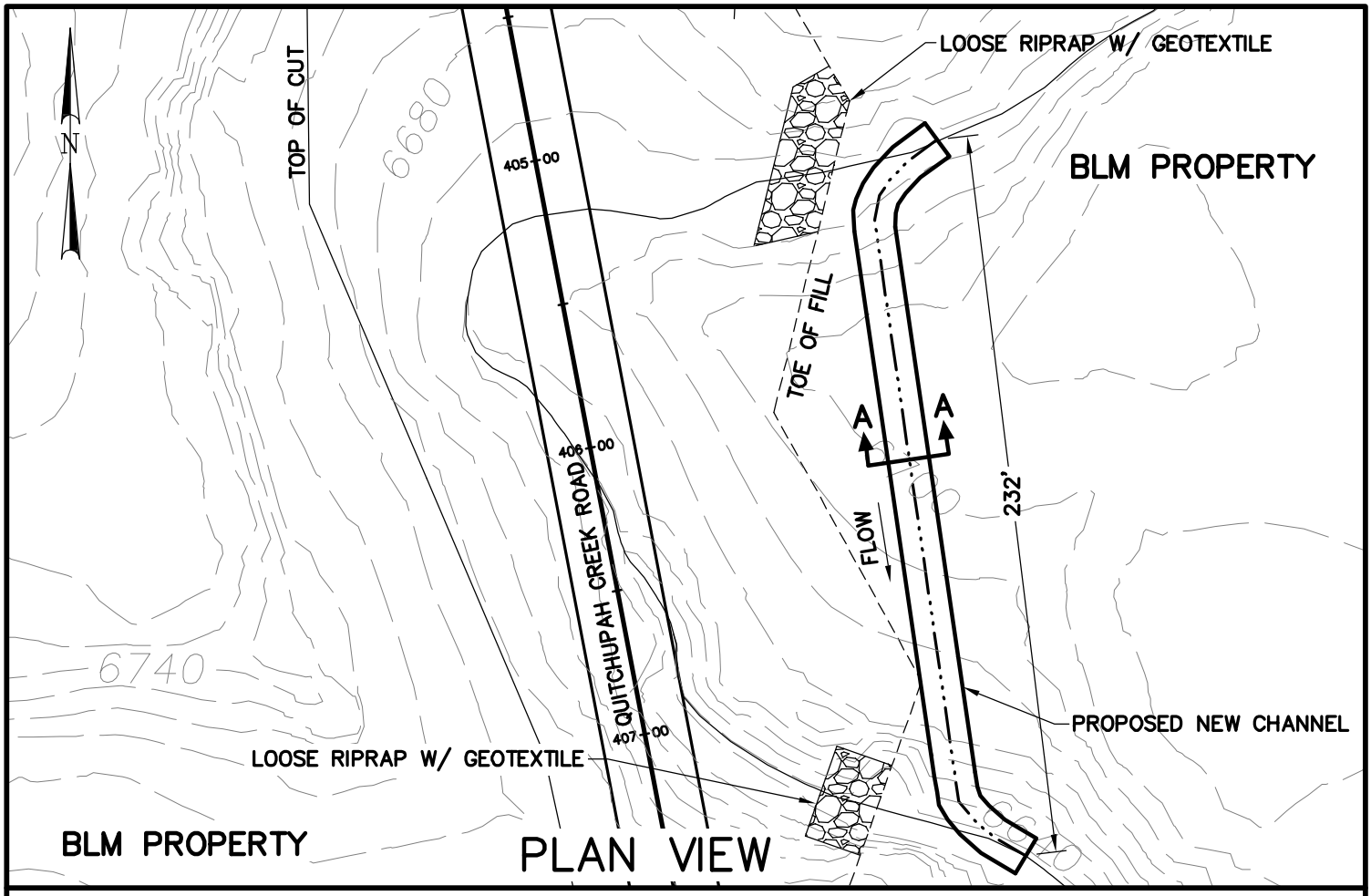
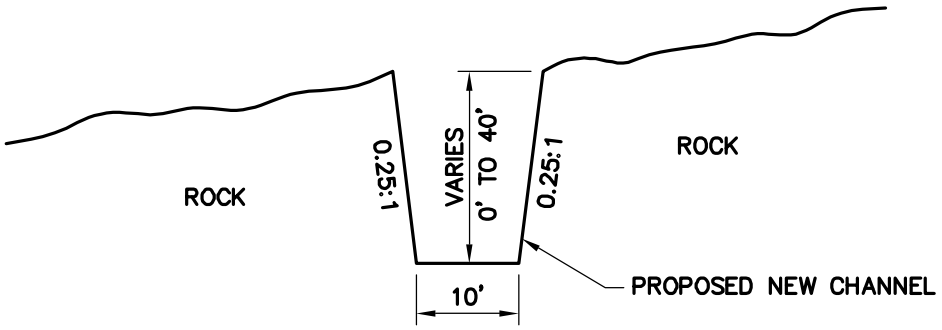
N

SCALE: 1"=40'

SEVIER COUNTY			FIGURE: 5
QUITCHUPAH CREEK ROAD			
CROSS-SECTION - 48+50			
DRAWN: L.G. 12/15/06	PEN TBL: _1stndrd-ir2800.ctb	PROJECT: 0607-002	SHEET: 5
CHECK: . .	FILE: 24_33_40_49	LAST UPDATE: 12/28/2006	





SECTION A–A

STA. 406+00
CONSTRUCTION ON UNNAMED
EPHEMERAL WASH IN
SEVIER COUNTY UTAH.
APPLICANT: SEVIER COUNTY
Sec. 4, T.22S.,
R.5E., S.L.B.& M.
Date: December 6, 2006