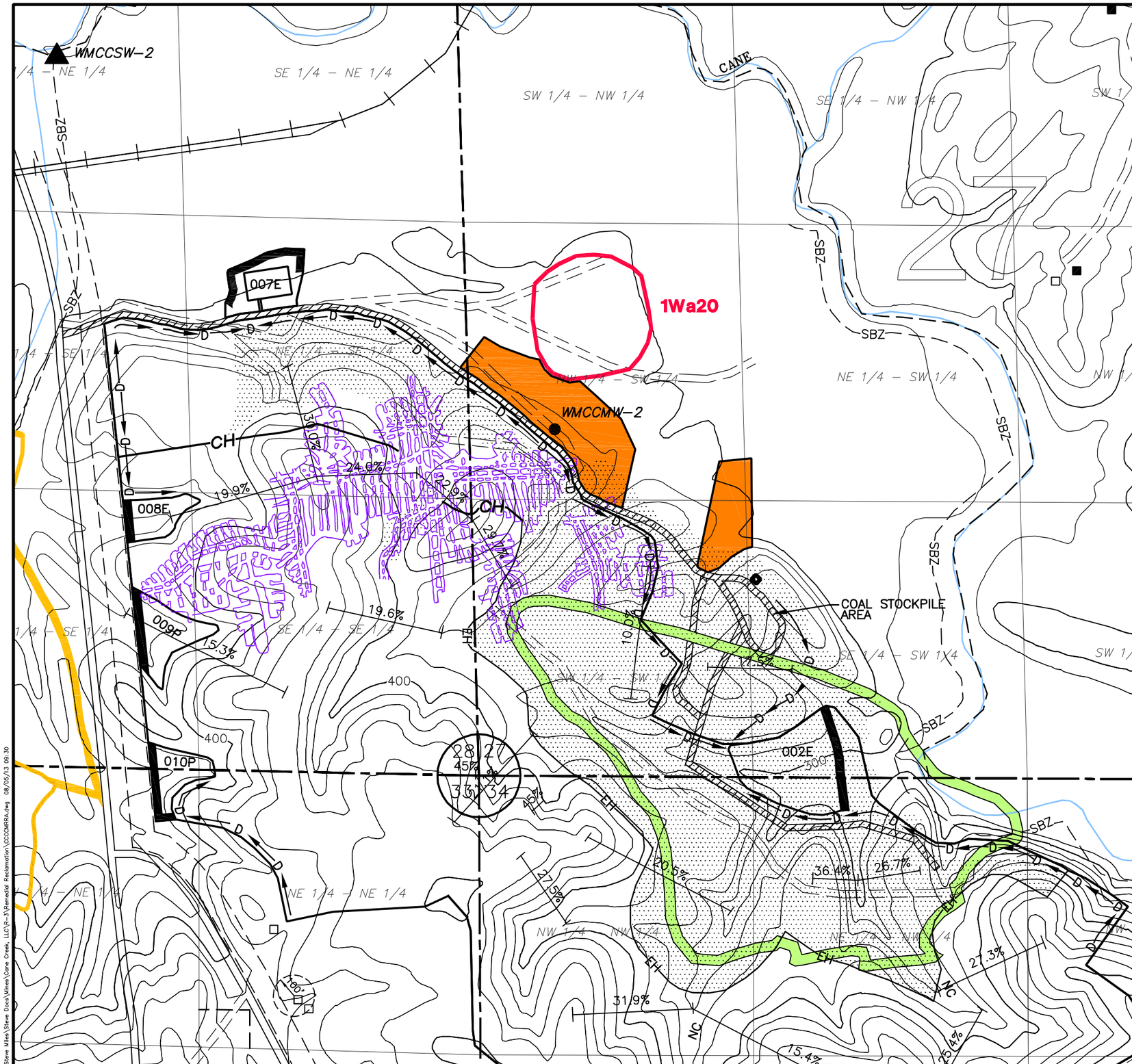


LEGEND:

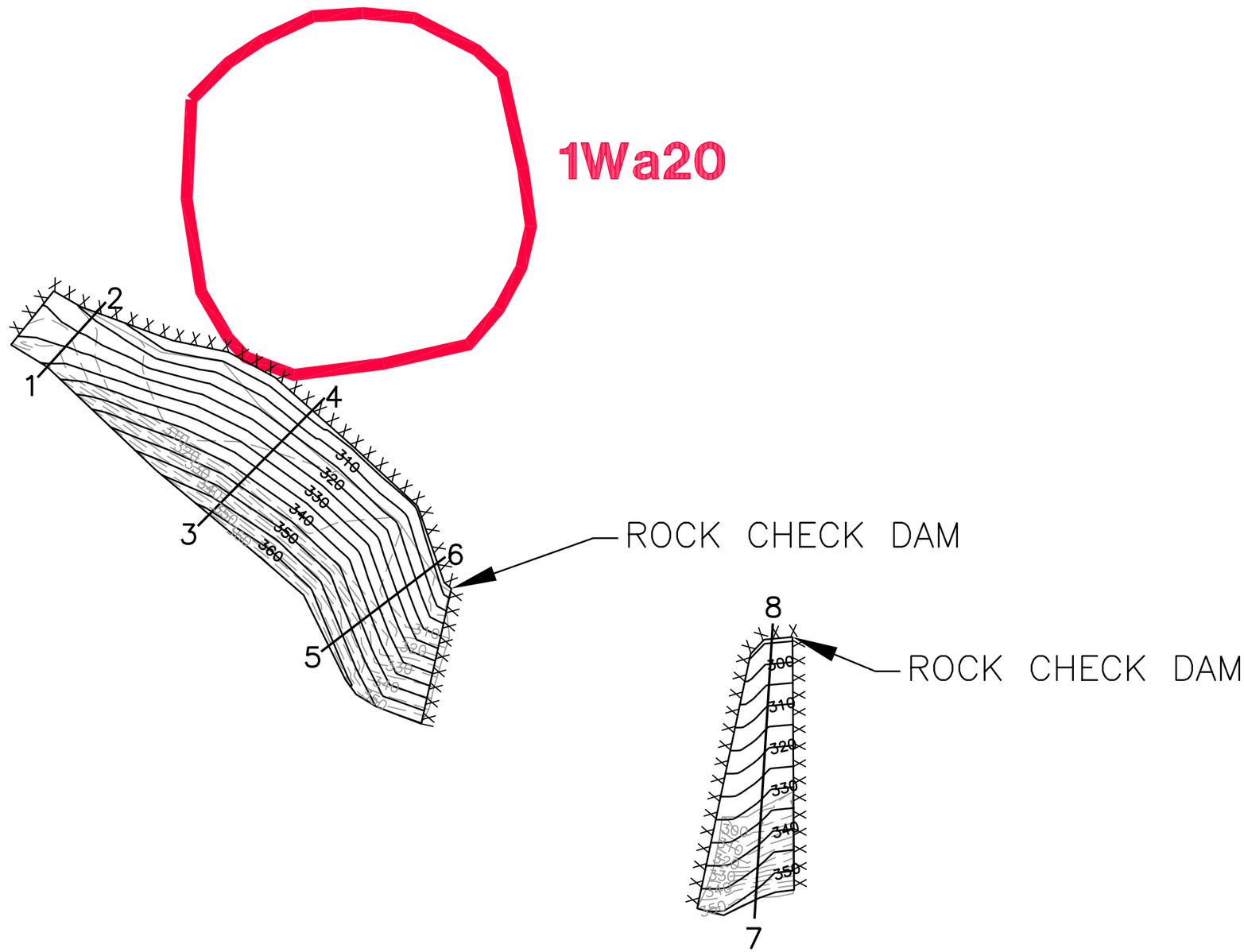
- Permit Boundary
- Exemption Area Boundary
- 500 Surface Contour
- 002P Sediment Basin
- Natural Drainage Course
- Intermittent Stream
- Perennial Stream
- Drainage Divide
- SBZ Stream Buffer Zone
- % Land Slope Measurement
- D Diversion Ditch/Berm/Lowwall
- Occupied Dwelling
- Unoccupied Dwelling / Barn / Shed
- Primary Road
- Ancillary Road
- Private Road
- County Road (paved unless otherwise designated)
- Surface Water Monitoring Site
- WMCCMW-1 Groundwater Monitoring Site
- Power Transmission Line
- Railroad
- Area Previously Disturbed
- Underground Mining (Norvel Mines)
- ASMC Permit P-3748
- ASMC Permit P-3805
- 1Wa20 Archaeological Site To Be Avoided
- Proposed Remedial Reclamation Area

PERC ENGINEERING CO., INC.
1608 Highway 78 West Jasper, Alabama 35501
P.O. Box 1712 Jasper, Alabama 35502
(205) 384-5653 Office (205) 295-3114 Fax

Attachment IV-1
Cane Creek LLC
Cane Creek Mine
P-3910 Revision R-3
Remedial Reclamation Area Location Map

DRAWN BY: J.W.T. DWG. NAME: CCCCMRRA	DATE: 04/08/2013
APPROVED BY: L.G.S.	SCALE: 1"=500'

V:\Steve Miles\Steve Docs\Mines\Cane Creek, LLC\R-3\Remedial Reclamation\CCCCMRRA.dwg 08/05/13 09:30



LEGEND

	EXISTING CONTOURS
	PROPOSED FINISHED GRADE
	ARCHEALOGICAL SITE (NOT TO BE DISTURBED)
1 ——— 2	CROSS–SECTION
X X X X X X	SILT FENCE & HAY BALES

PERC ENGINEERING CO., INC.
1600 Highway 78 West Jasper, Alabama 35501
P.O. Box 1712 Jasper, Alabama 35502
(205) 384-5553 Office (205) 385-3114 Fax

Attachment IV-1
Cane Creek LLC
Cane Creek Mine
P-3910 Revision R-3
Remedial Reclamation Area
Grading Plan Map

DRAWN BY: J.W.T. DWG. NAME: RRPGPM	DATE: 04/08/2013
APPROVED BY: L.G.S.	SCALE: 1"=200'

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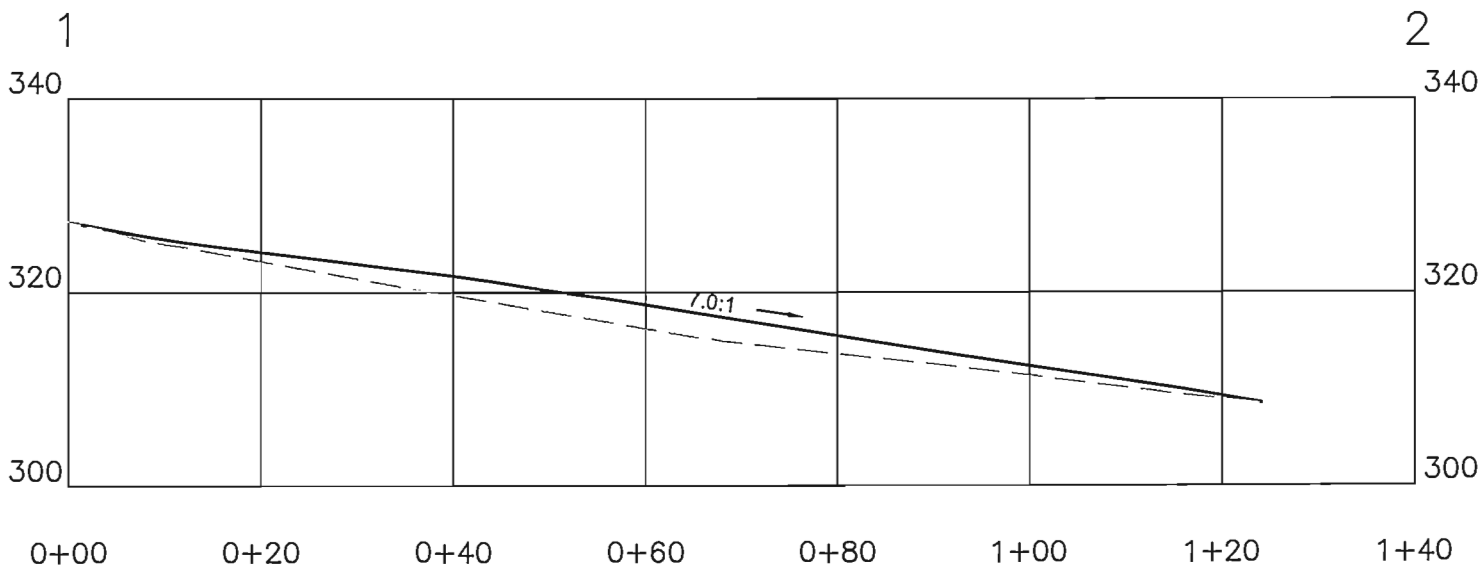


LEGEND

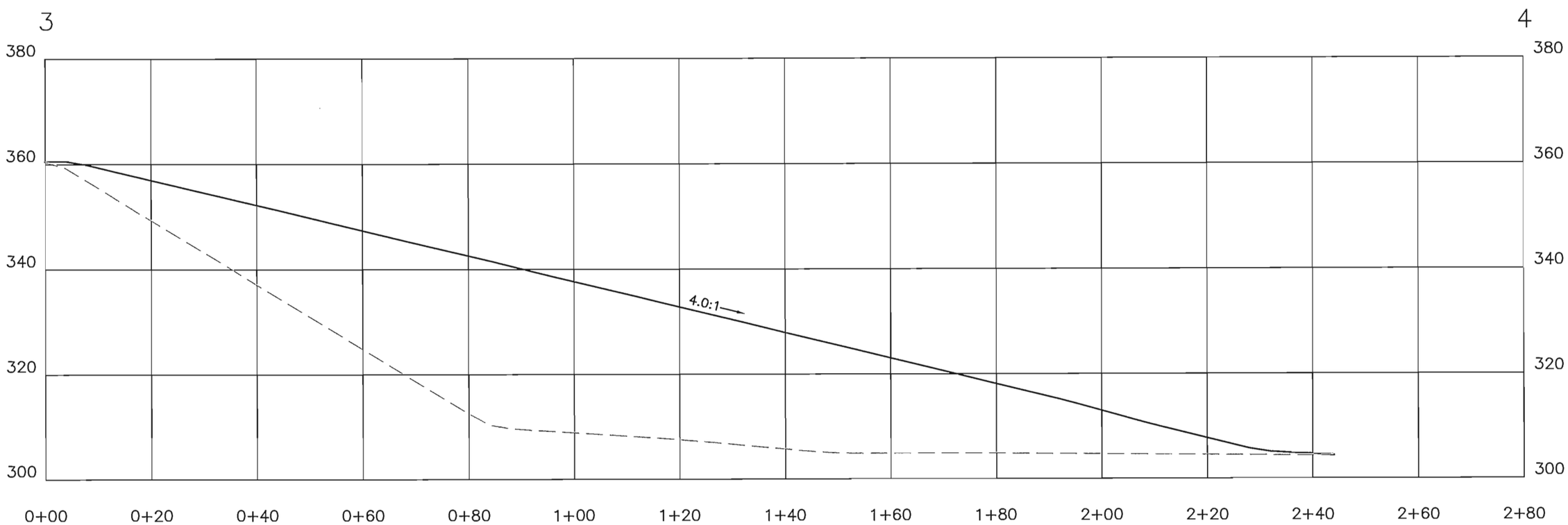
— — — — EXISTING CONTOURS

——— PROPOSED FINISHED GRADE

PERC ENGINEERING CO. INC.

Attachment IV-1
Cane Creek LLC
Cane Creek Mine
P-3910 Revision R-3
Remedial Reclamation Area
Cross-Section 1-2

DRAWN BY: J.W.T. DWG. NAME: RRPCS	DATE: 04/08/2013
APPROVED BY: L.G.S.	SCALE: 1"=20'



LEGEND

- - - - - - EXISTING CONTOURS

——— PROPOSED FINISHED GRADE

PERC ENGINEERING CO., INC.

Attachment IV-1
Cane Creek LLC
Cane Creek Mine
P-3910 Revision R-3
Remedial Reclamation Area
Cross-Section 3-4

DRAWN BY: J.W.T. DWG. NAME: RRPCS	DATE: 04/08/2013
APPROVED BY: L.G.S.	SCALE: 1"=20'

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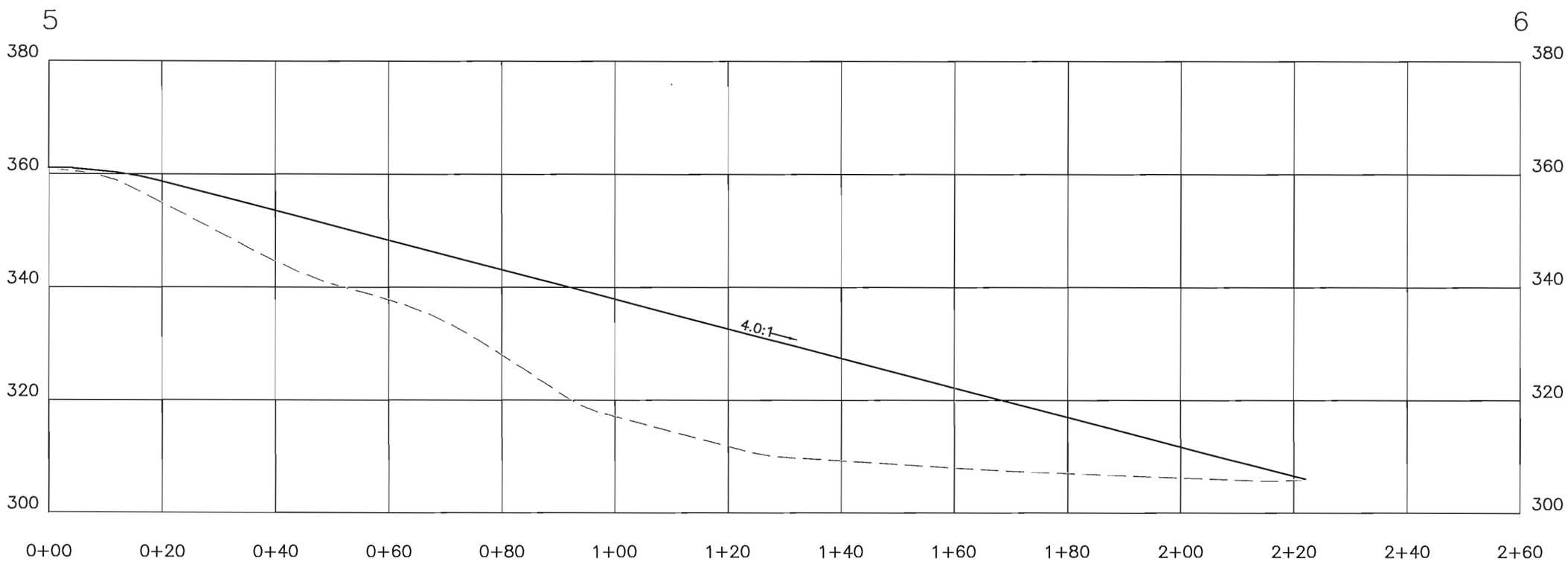

LEGEND

- - - - - - - EXISTING CONTOURS

——————— PROPOSED FINISHED GRADE

PERC ENGINEERING CO., INC.

Attachment IV-1
Cane Creek LLC
Cane Creek Mine
P-3910 Revision R-3
Remedial Reclamation Area
Cross-Section 5-6

DRAWN BY: J.W.T. DWG. NAME: RRPCS	DATE: 04/08/2013
APPROVED BY: L.G.S.	SCALE: 1"=20'

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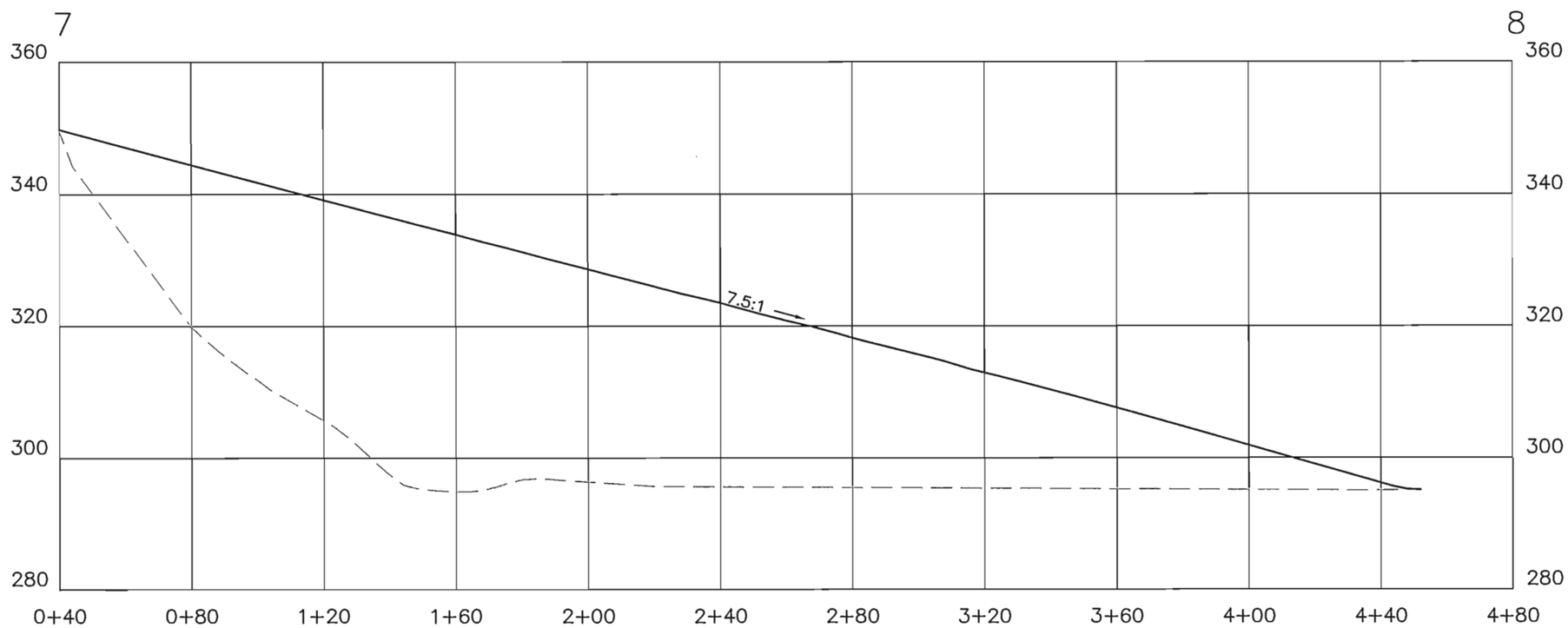

LEGEND

- - - - - - - - - - - EXISTING CONTOURS

———————— PROPOSED FINISHED GRADE

PERC ENGINEERING CO. INC.

Attachment IV-1
Cane Creek LLC
Cane Creek Mine
P-3910 Revision R-3
Remedial Reclamation Area
Cross-Section 7-8

DRAWN BY: J.W.T. DWG. NAME: RRPCS	DATE: 04/08/2013
APPROVED BY: L.G.S.	SCALE: 1"=20'

V:\Steve Miles\Steve Docs\Mines\Cane Creek, LLC\R-3\Remedial Reclamation\RRPCS.dwg 04/08/13 11:05