

SCALE: 1" = 800' (11x17)
SCALE: 1" = 400' (24x36)
800' 400' 200' 0 400'



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TWO WORKING DAYS
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1-800-922-1987
UTILITY NOTIFICATION
CENTER OF COLORADO
PLAN

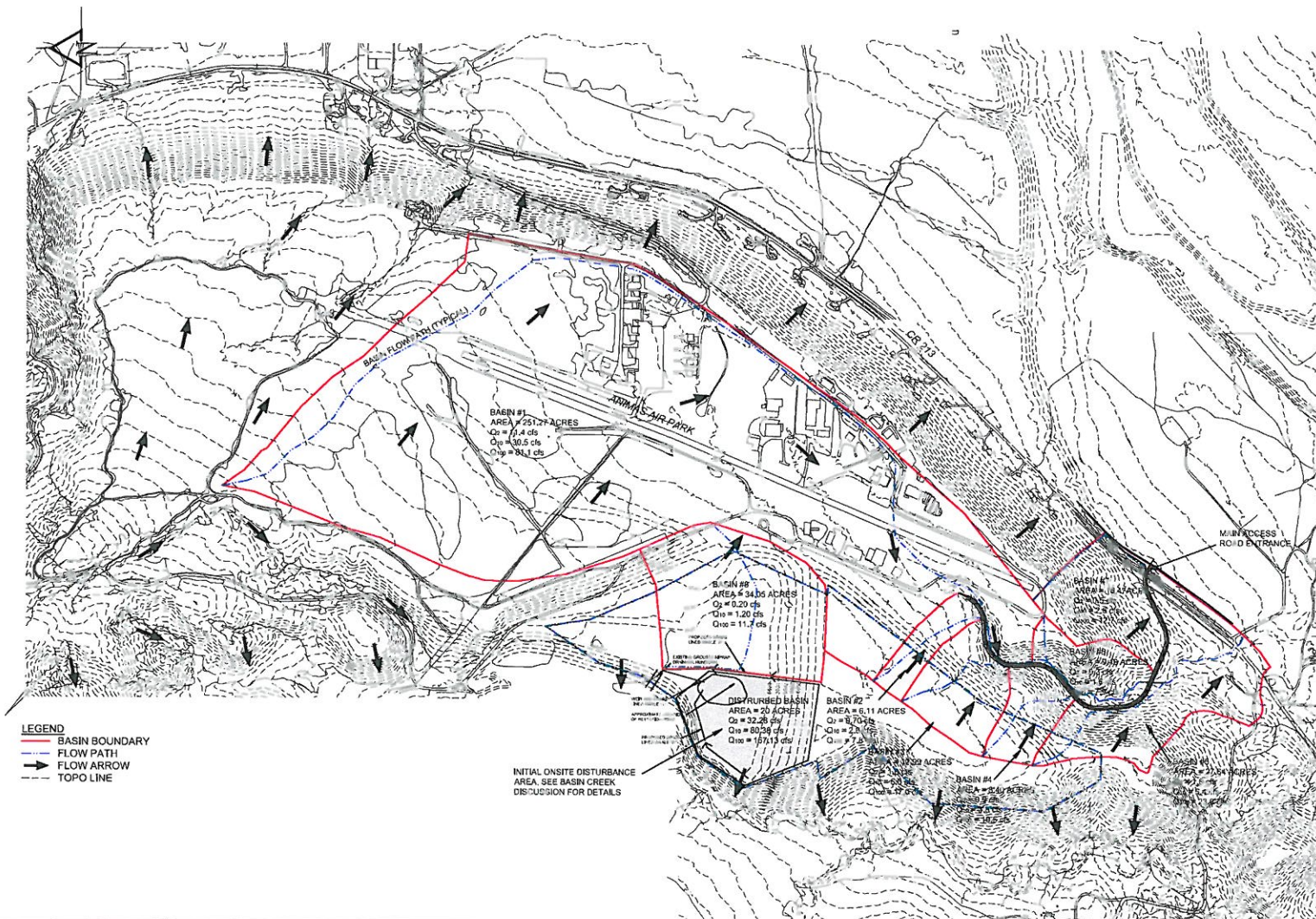
SHEET
XX
X
OF
X

Russell Planning &
Engineering, Inc.
Civil Engineering Division
854 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 246-4400
Fax: (970) 385-4592

ANIMAS GLACIER GRAVEL PIT
DRAINAGE BASIN MAP #1

Drawn/Checked:
DATE: 05/10/2010
PROJECT: ANIMAS GLACIER PIT

ACAD FILE:
REVISIONS: XX



PRELIMINARY



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SHEET	XX
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Russell Planning &
Engineering, Inc.
Civil Engineering Services
934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4460
Fax: (970) 385-4462

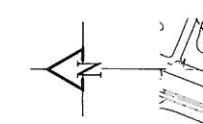
ANIMAS GLACIER GRAVEL PIT
DRAINAGE BASIN MAP #2

Drawn/Checked: [Signature]
DATE: 05/10/2010
PROJECT: ANIMAS GLACIER GRAVEL PIT

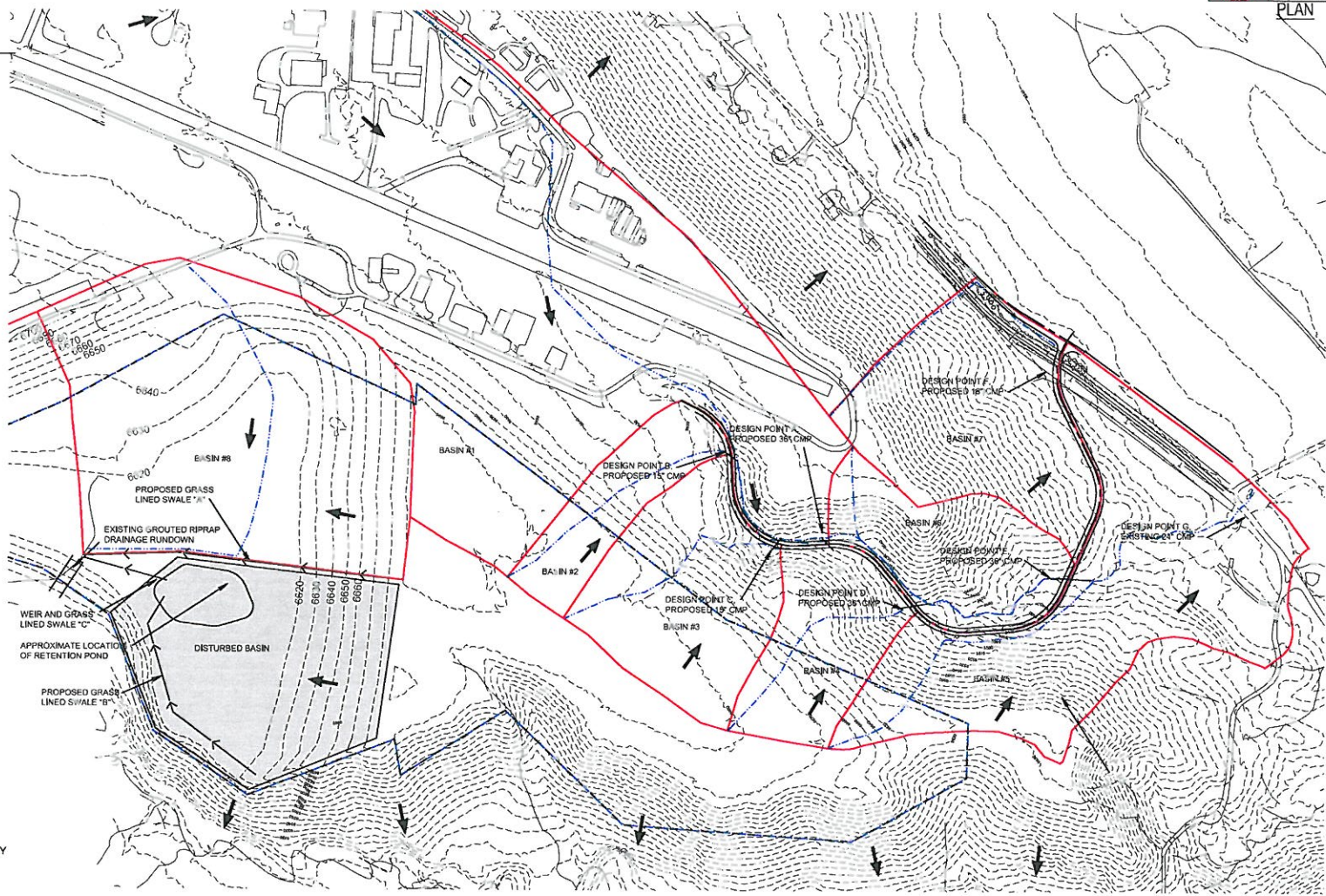
ACAD FILE:
REVISIONS: [Table with 2 columns: Revision Number, Description]
XX

PRELIMINARY

SCALE: 1" = 800' (11x17)
SCALE: 1" = 200' (24x36)



- LEGEND
- BASIN BOUNDARY
 - FLOW PATH
 - FLOW ARROW
 - TOPO LINE



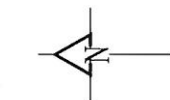
CURVE	DELTA	RADIUS	ARC	CHORD	LENGTH
C1	170°11'2"	118.83	35.54	S 29°28'35" E	35.41
C2	53°57'26"	68.17	64.20	N 110°02'00" W	61.85
C3	17°39'20"	848.22	193.29	N 27°28'35" E	191.80
C4	87°45'55"	671.75	104.52	S 24°29'20" W	104.42
C5	115°8'37"	823.60	193.16	N 22°59'13" E	192.80
C6	129°38'11"	100.01	72.81	S 37°53'00" E	61.26
C7	34°39'17"	180.58	109.22	N 64°46'01" E	107.58

LEGEND

- PROPERTY LINE
- GRAVEL PIT BOUNDARY LINE
- FLOW PATH

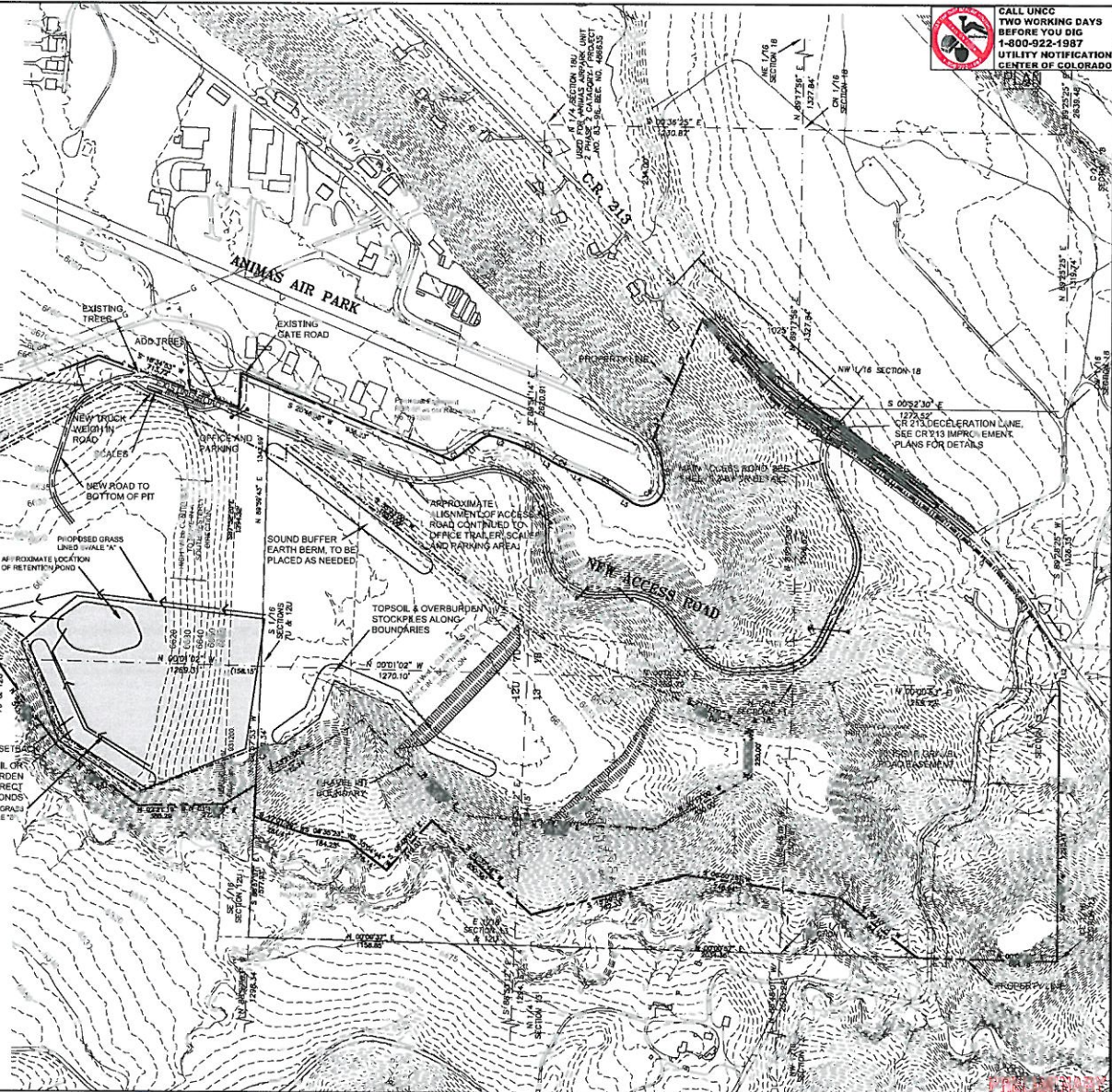
LINE	BEARING	LENGTH
L1	S 38°09'42" E	142.84
L2	S 15°59'18" W	71.30
L3	S 28°01'20" W	34.97
L4	S 19°27'15" W	69.87
L5	S 32°00'11" W	64.84
L6	N 82°08'20" E	105.72
L7	S 89°13'32" E	181.01
L8	S 89°13'32" E	444.80
L9	S 48°38'27" W	537.13
L10	S 30°28'10" W	384.78
L11	S 30°21'42" W	549.30
L12	S 89°25'25" W	163.93

SCALE: 1" = 500' (11x17)
SCALE: 1" = 250' (24x36)



GENERAL NOTES

1. THE MAIN ACCESS ROAD WILL BE CONSTRUCTED TO THE OFFICE TRAILER AS SHOWN.
2. THE OWNER SHALL UTILIZE THE PROPOSED SEWAGE AND FRESHWATER PONDS TO KEEP DISTURBED SITE RUNOFF FROM LEAVING THE PROPERTY. THE SWALE AND POND UPGRADE AND LOCATION SHALL BE THE RESPONSIBILITY OF THE OWNER THROUGHOUT THE PROJECT. PONDS SHALL HAVE A MINIMUM OF 3' OF FREE BOARD AT ALL TIMES.
3. RETENTION POND LOCATION IS APPROXIMATE ONLY. SEE SHEET D-2 FOR DETAILS.
4. GRASS LINED DIVERSION SWALE LOCATIONS ARE APPROXIMATE ONLY. CONTRACTOR/OPERATOR SHALL MAINTAIN A SLOPE BETWEEN 0.50% AND 1.00% ON ALL PORTIONS OF SWALE. SEE SHEET D-2 FOR DETAILS.
5. GRASS LINED SWALE "A" SHALL CARRY UNIMPACTED STORM WATER FROM NON-DISTURBED AREAS.
6. GRASS LINED SWALE "B" & "C" WILL BE CARRYING STORM WATER FROM DISTURBED AREAS ONLY.
7. NO PROCESS WATER SHALL BE COMINGLED WITH STORM WATER IN ANY OF THE SWALES.



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Russell Engineering, Inc.
1000 West 10th Avenue, Suite 100
Durango, Colorado 81301
Phone: (970) 385-4544
Fax: (970) 385-4502

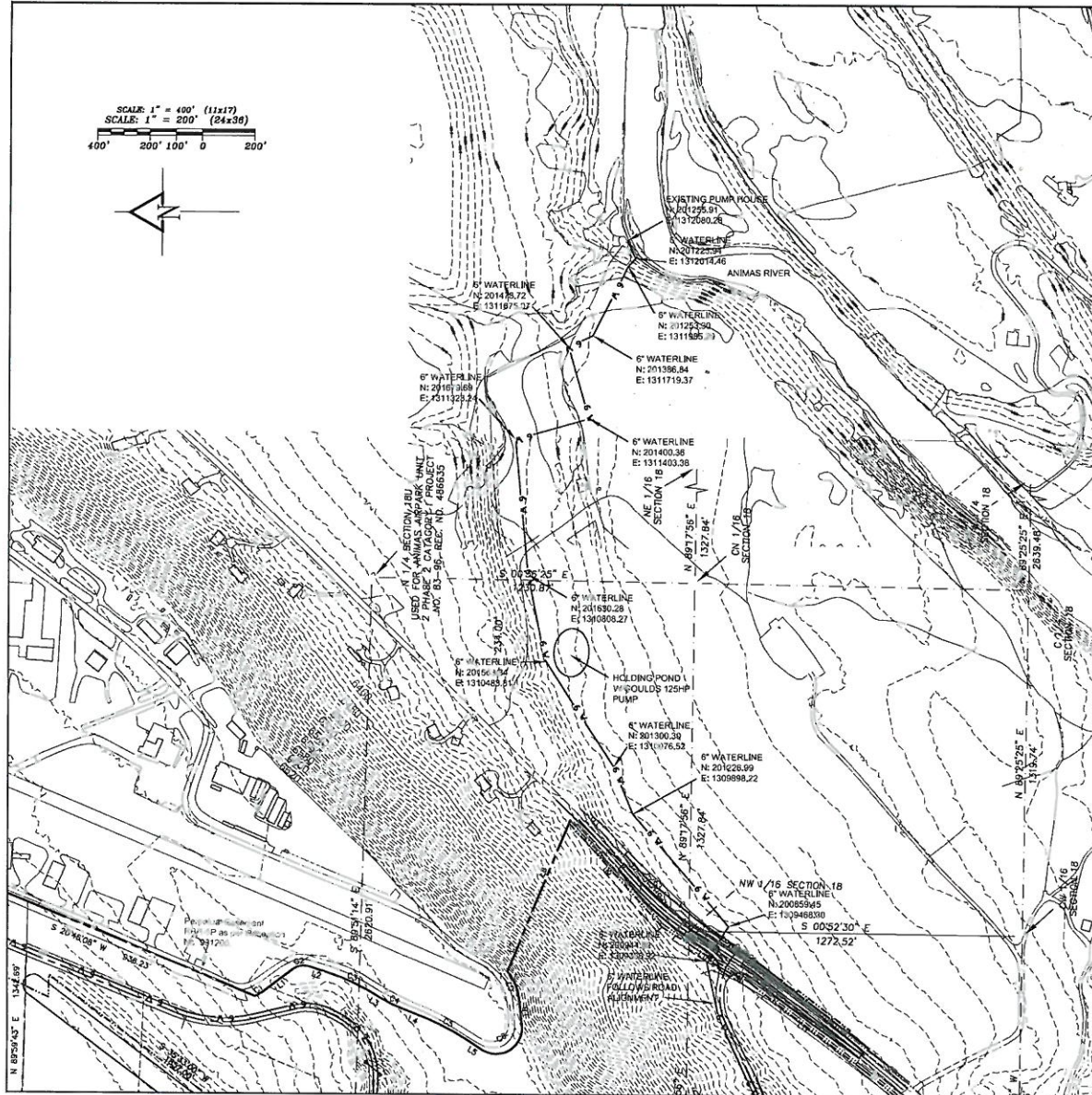
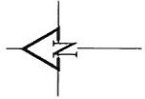
SHEET
O-1
2 OF **X**

ANIMAS GLACIER GRAVEL PIT SITE PLAN

Drawn/Checked: SW
Drafted by: 05-04-2012
DATE: 05-04-2012
PROJECT: ANIMAS GLACIER GRAVEL PIT

ACAD FILE:
REVISIONS:

SCALE: 1" = 400' (11x17)
SCALE: 1" = 200' (24x36)



GENERAL NOTES
1. SEE SHEET 0-1 FOR WATERLINE TRENCH DETAIL.
2. 6" WATERLINE SHALL BE CONSTRUCTED OF WELDED STEEL PIPE.



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SHEET
0-2
3
OF
X

Russell Engineering, Inc.
834 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 386-4646
Fax: (970) 386-4602

**ANIMAS GLACIER GRAVEL PIT
OFFSITE WATER LINE**

Drawn/Checked: SW
Drafted by: 05-04-2012
DATE: PROJECT: ANIMAS GLACIER
CROSSING PIT

ACAD FILE:
REVISIONS:

PRELIMINARY

