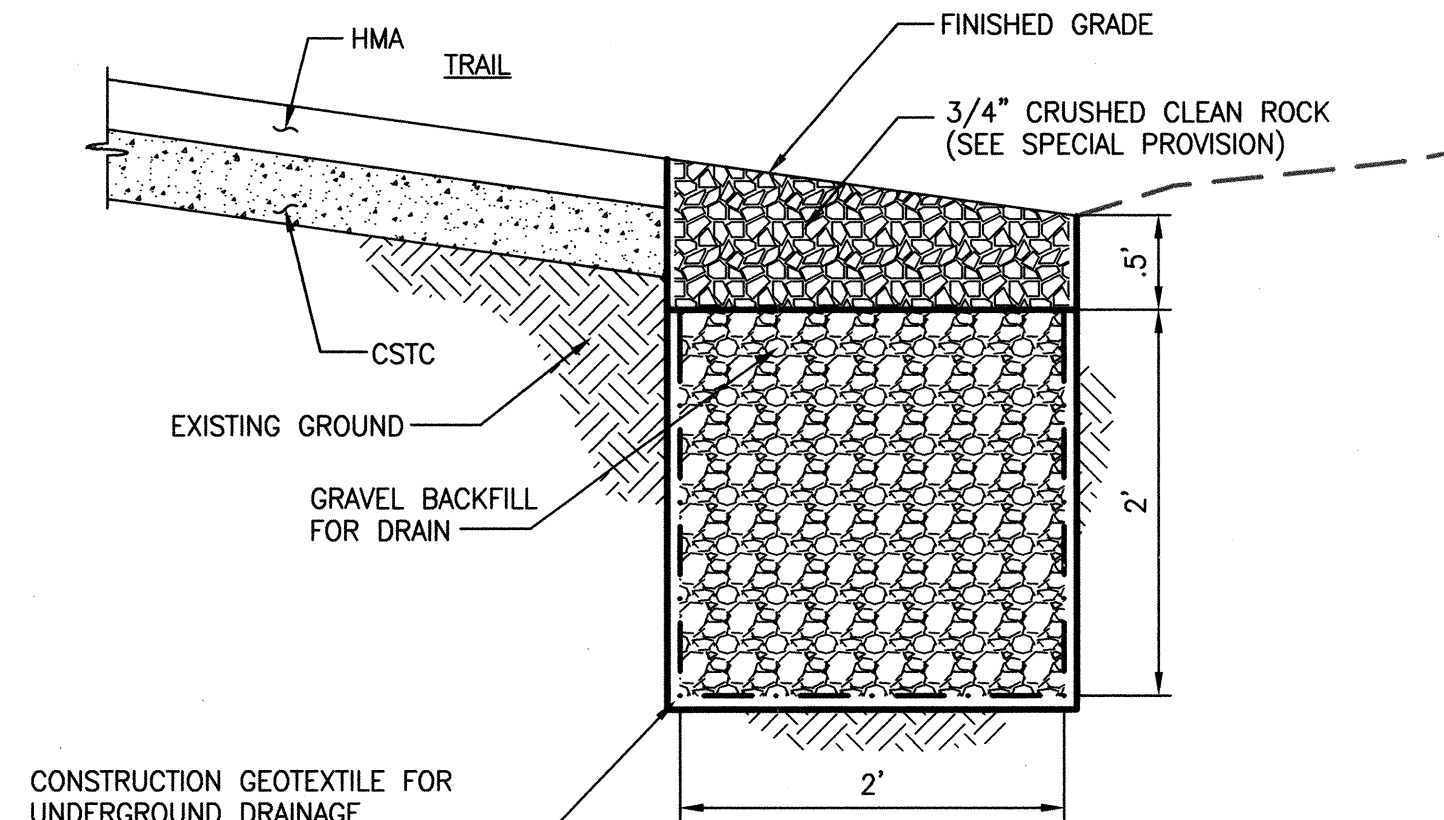


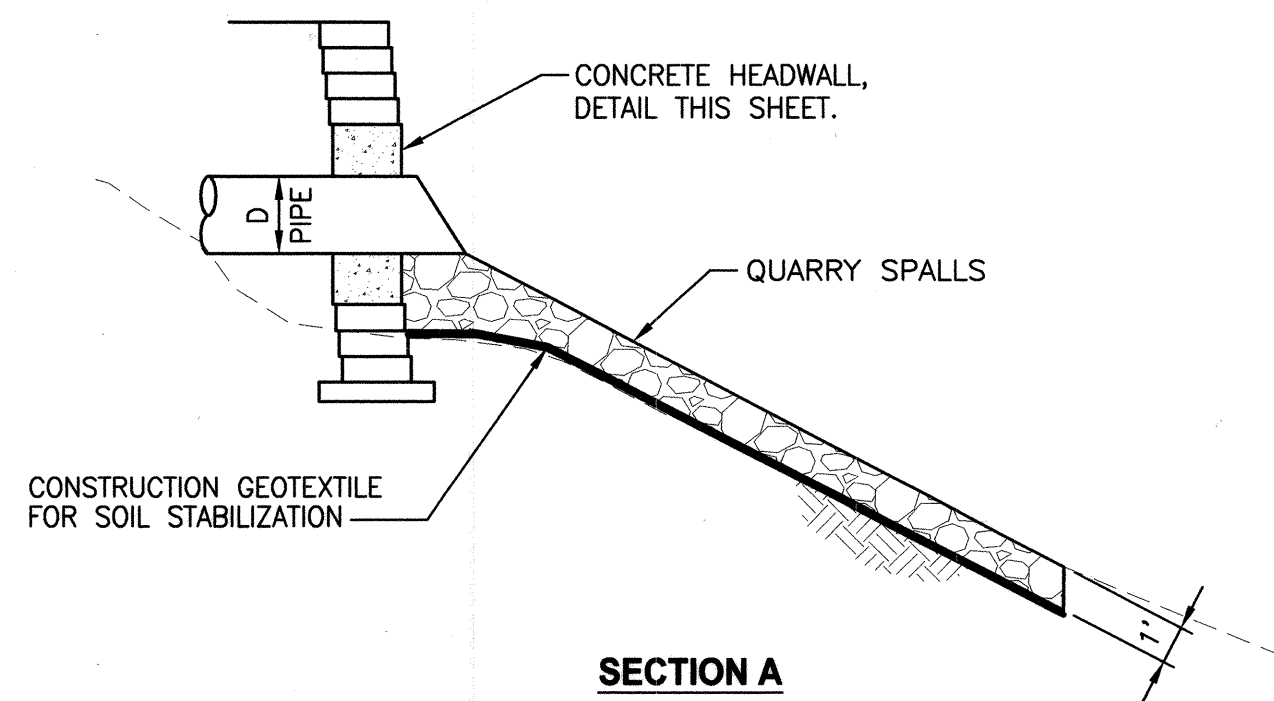
CELL #	LENGTH
1	192'
2	87'
3	137'
4	187'
5	205'

**BIORETENTION CELL
TYPICAL SECTION**
NO SCALE

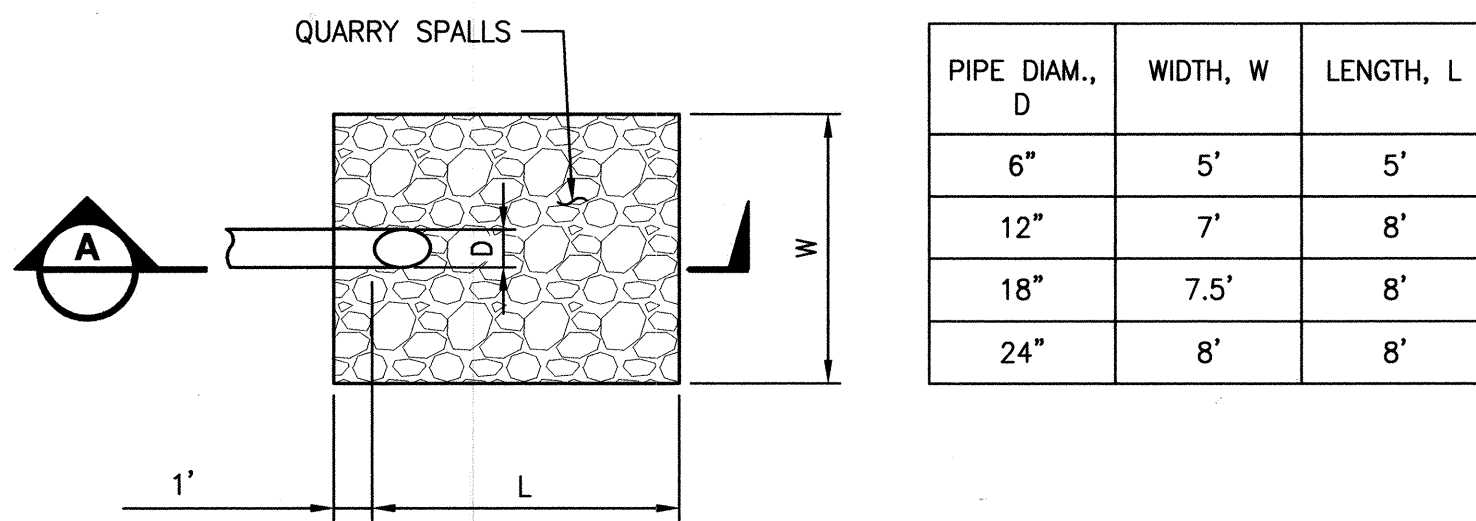
- NOTES:**
- SEE SHEETS BR1 AND BR2 FOR BIORETENTION PLANTING PLAN.
 - SEE SHEET CS1 FOR PARKING LOT AND TRAIL SECTIONS AND SLOPE INFORMATION.
 - SEE PLAN AND PROFILE SHEETS FOR SPOT ELEVATIONS AT BOTTOM OF CELLS.



**INFILTRATION TRENCH
DETAIL**
NO SCALE

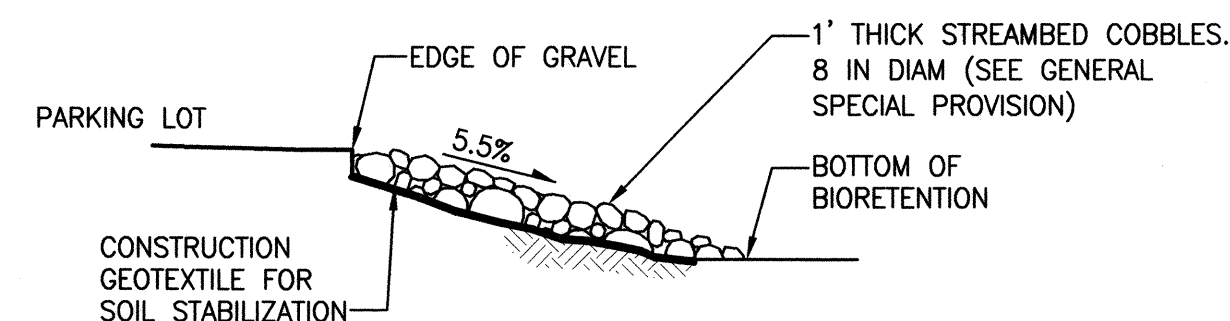


SECTION A

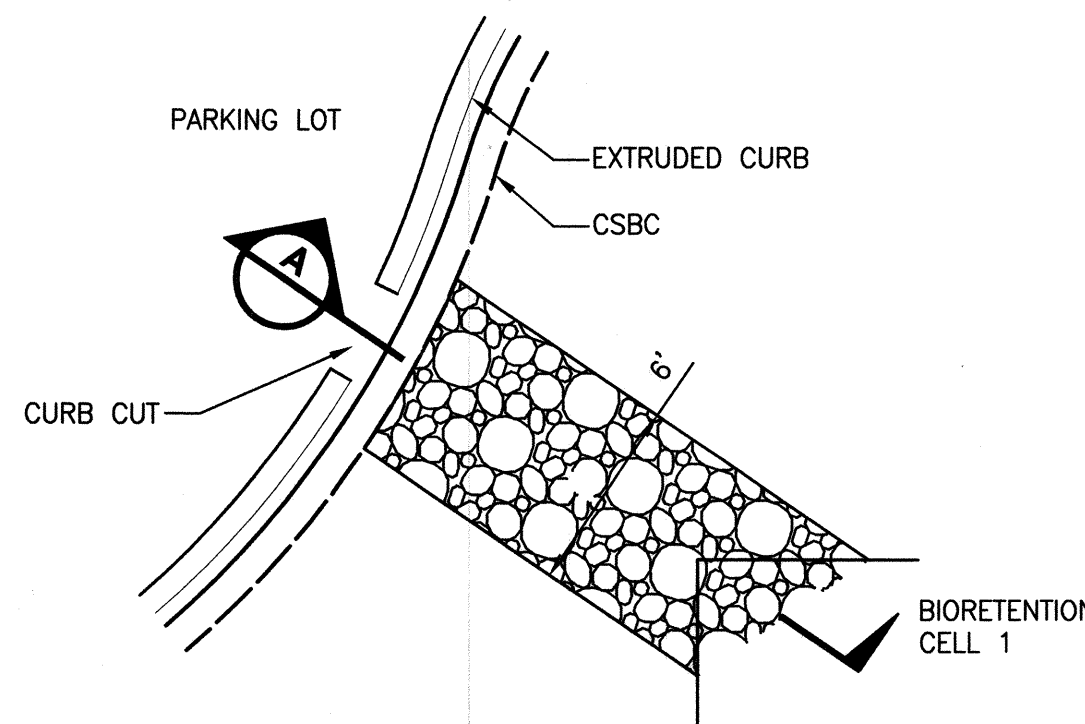


**QUARRY SPALL OUTFALL PROTECTION
DETAIL**
NO SCALE

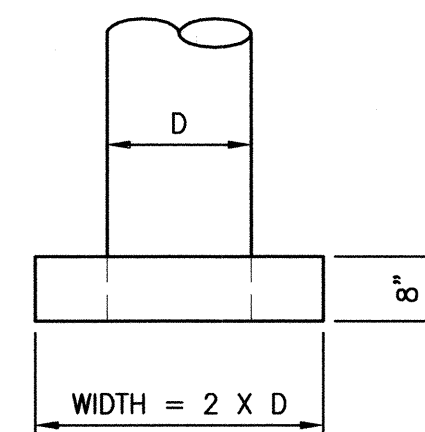
PIPE DIAM., D	WIDTH, W	LENGTH, L
6"	5'	5'
12"	7'	8'
18"	7.5'	8'
24"	8'	8'



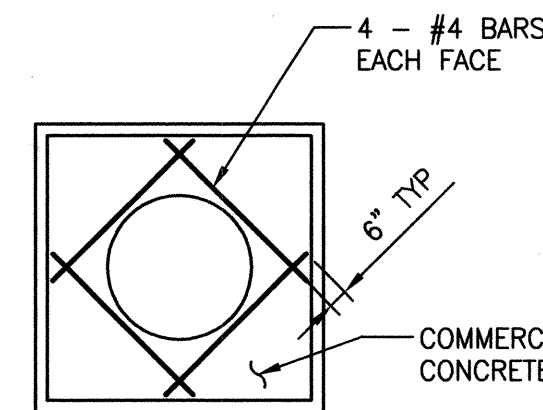
SECTION A



**STREAMBED COBBLES
DETAIL**
NO SCALE

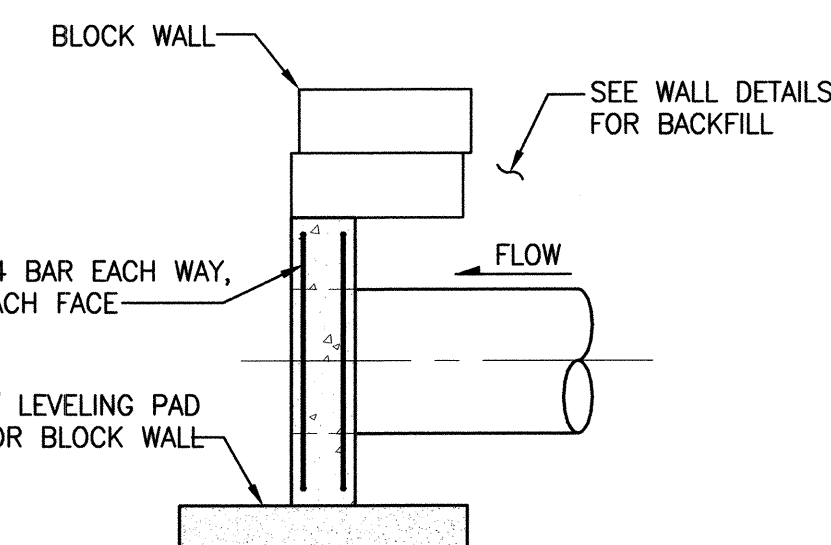


PLAN



ELEVATION

- NOTES:**
- REINFORCING STEEL SHALL HAVE 1 1/2" MIN. CLEAR COVER TO ALL CONCRETE SURFACES.
 - FOR BLOCK WALLS SEE WALL DETAIL SHEET.



SECTION A

**CONCRETE HEADWALL
DETAIL**
NO SCALE

THIS DEVELOPMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF REDMOND STANDARD SPECIFICATIONS AND DETAILS, 2011 EDITION.

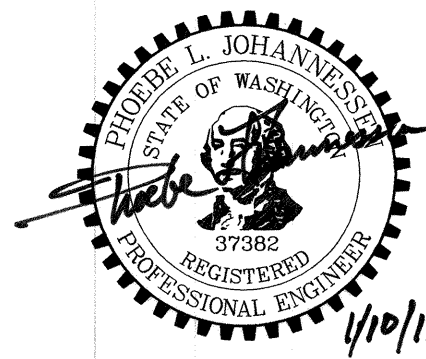
APPROVED FOR CONSTRUCTION	PLAN CHK ENGR N/A
<i>William J. Campbell</i>	STORM 12-01-12-11
FOR: WILLIAM J. CAMPBELL	UTILITY N/A
DIRECTOR OF PUBLIC WORKS	FIRE DEPT N/A
CITY OF REDMOND	TRANS / ENGR DWB 1-12-11
DATE: 1-18-2011	PLANNING DEPT N/A

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DATE: Jan 10, 2011 - 1:52pm PLOTTED BY: purgobut IMAGES: XREFS: XBL1521075P12T01-DD1-PR

REVISIONS	DATE	BY	DESIGNED
			P. JOHANNESSEN
			DRAWN S. SIRE
			CHECKED H. LONGFELLOW
			APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
FILE NAME: BL1521075P12T01DD1-3
JOB No: 554-1521-075
DATE: DECEMBER 2010



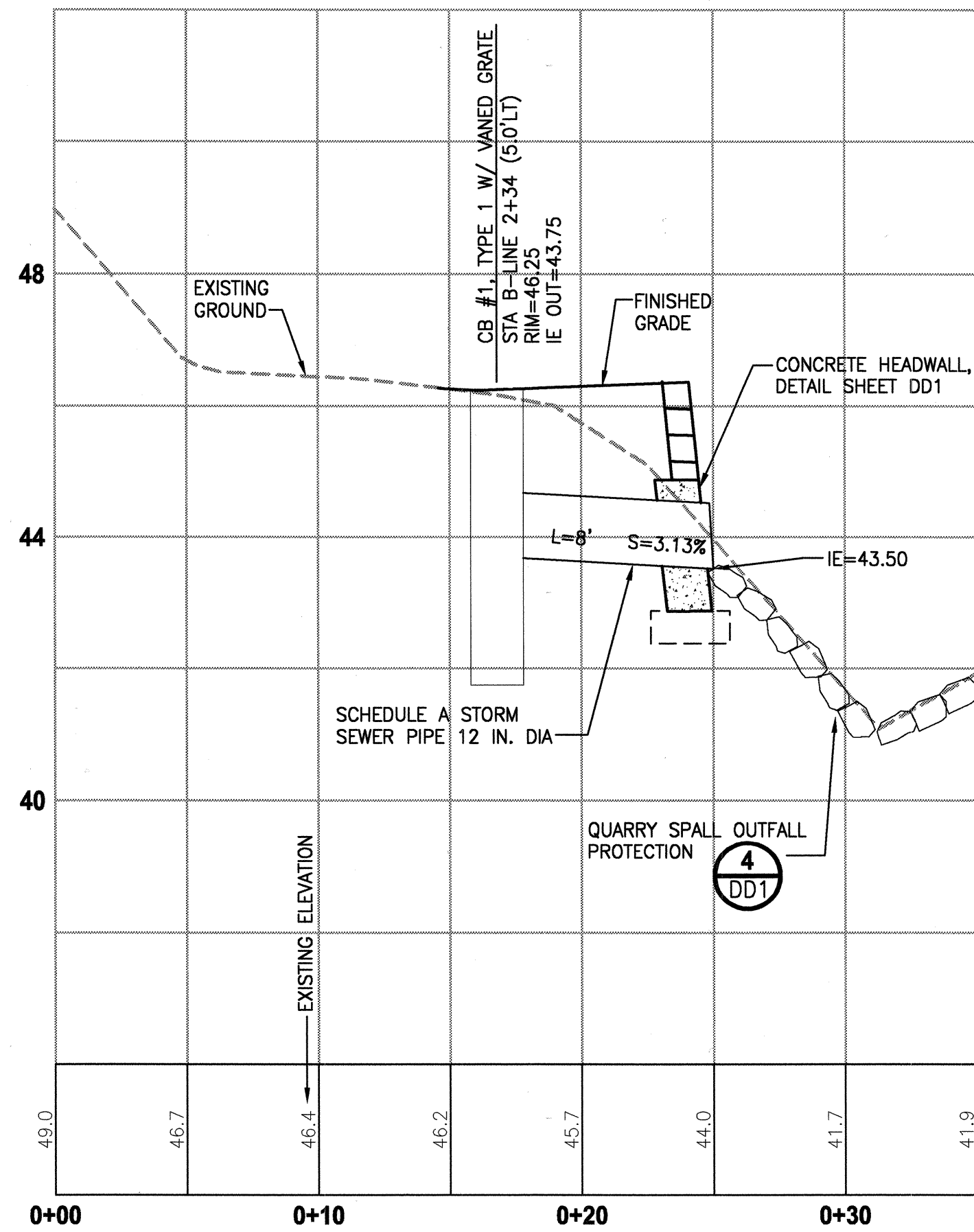
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ENGINEERING, PLANNING, ENVIRONMENTAL SCIENCES
411 108TH AVENUE N.E., SUITE 1800
BELLEVUE, WASHINGTON 98004
T: 425.458.6200 F: 425.458.6363
www.parametrix.com

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL, REDMOND SEGMENT**
187TH AVENUE NE TO NE 70TH STREET

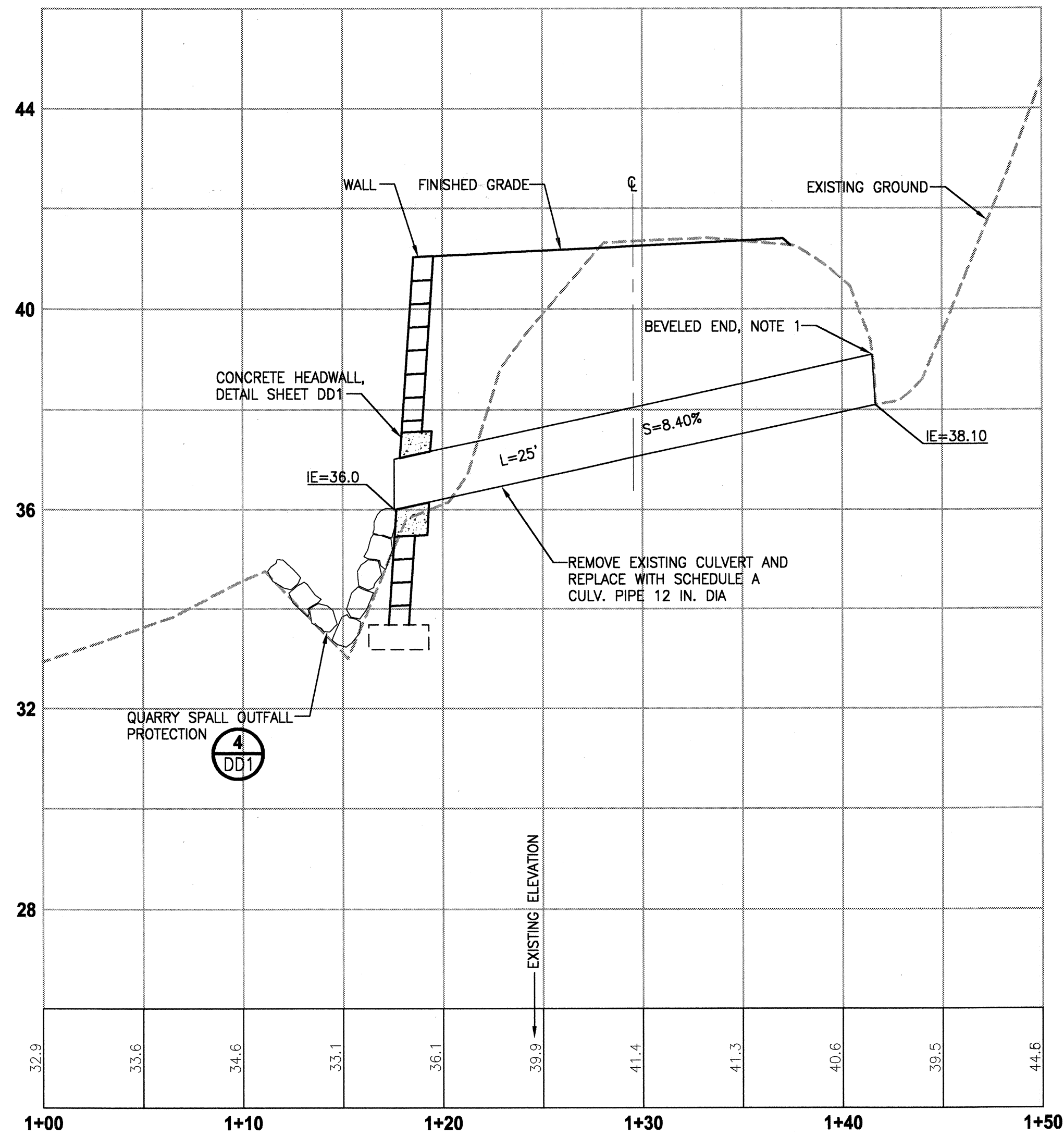
DRAINAGE DETAILS

DRAWING NO.
43 OF 72
DD1

DATE: Dec 17, 2010 - 2:31pm PLOTTED BY: purgobut
 IMAGES: XREF'S: XBL1521075P12T01-DD1 | XBL1521075P12T01-DRAIN-PR



**B-LINE STA 2+34
 PIPE PROFILE**
 HORIZ: 1"=5'
 VERT: 1"=2'



**A-LINE STA 613+56
 CULVERT PROFILE**
 HORIZ: 1"=5'
 VERT: 1"=2'

NOTES:

1. BEVELED END SECTION PER WSDOT STD PLAN B-70.20-00.
2. TYPE 1 CATCH BASIN PER WSDOT STD PLAN B-5.20-00.
3. RECTANGULAR VANED GRATE PER WSDOT STD PLAN B-30.30-00.
4. STORM PIPE MUST MEET CITY OF REDMOND STANDARDS. NO STEEL STORM SEWER PIPE ALLOWED.

THIS DEVELOPMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF REDMOND STANDARD SPECIFICATIONS AND DETAILS, 2011 EDITION

APPROVED FOR CONSTRUCTION	PLAN CHK ENGR. <i>N/A</i>
<i>[Signature]</i>	STORM <i>BR 01-12-11</i>
FOR: WILLIAM A. CAMPBELL	UTILITY <i>N/A</i>
DIRECTOR OF PUBLIC WORKS	FIRE DEPT. <i>N/A</i>
CITY OF REDMOND	TRANS / ENGR. <i>WWS 1-12-11</i>
DATE: <i>1-18-2011</i>	PLANNING DEPT. <i>N/A</i>

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REVISIONS	DATE	BY	DESIGNED
			P. JOHANNESSEN
			DRAWN S. SIRE
			CHECKED H. LONGFELLOW
			APPROVED

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: BL1521075P12T01DD1-3
 JOB No. 54-1521-075
 DATE: DECEMBER 2010



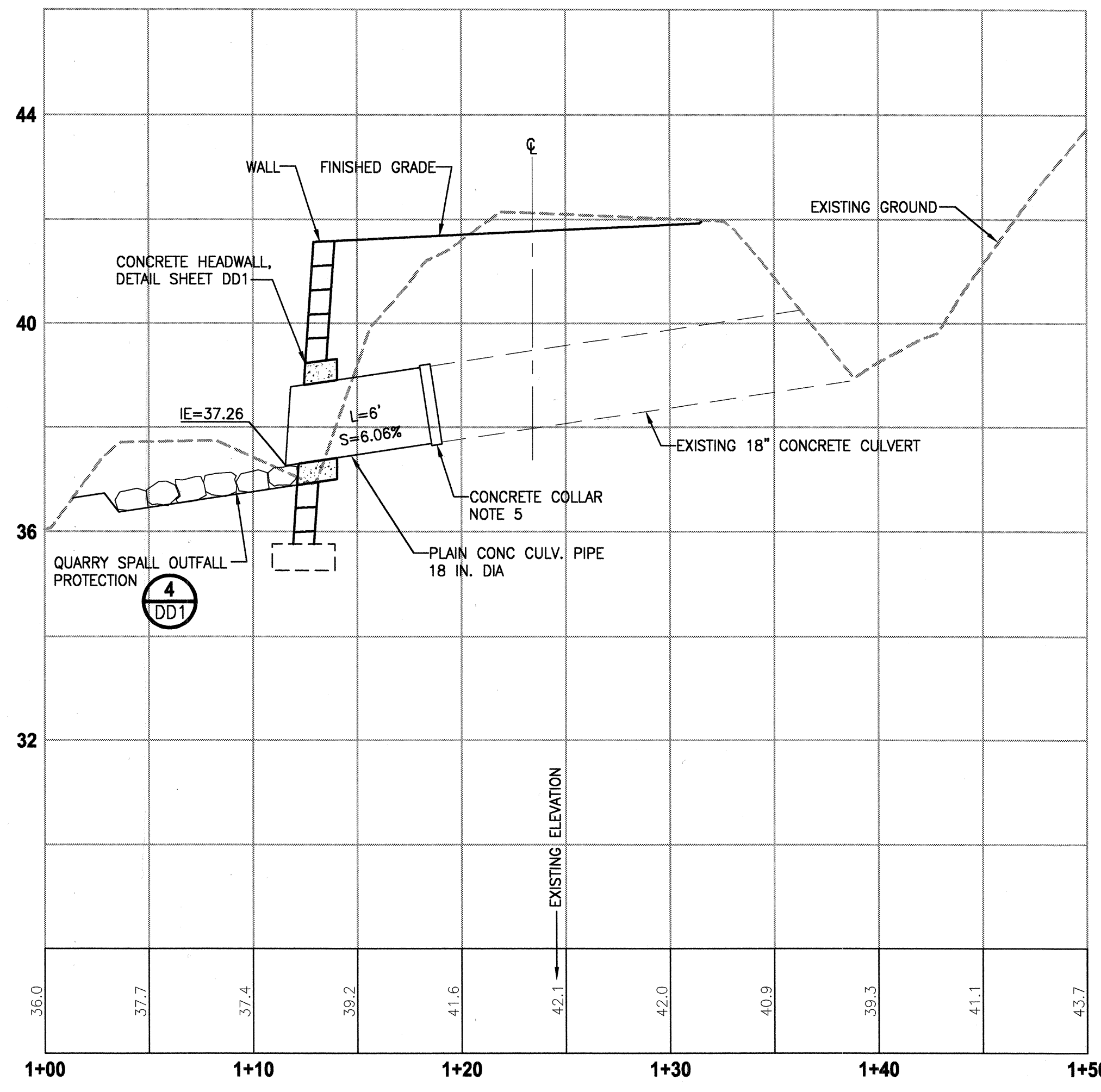
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 187TH AVENUE NE TO NE 70TH STREET

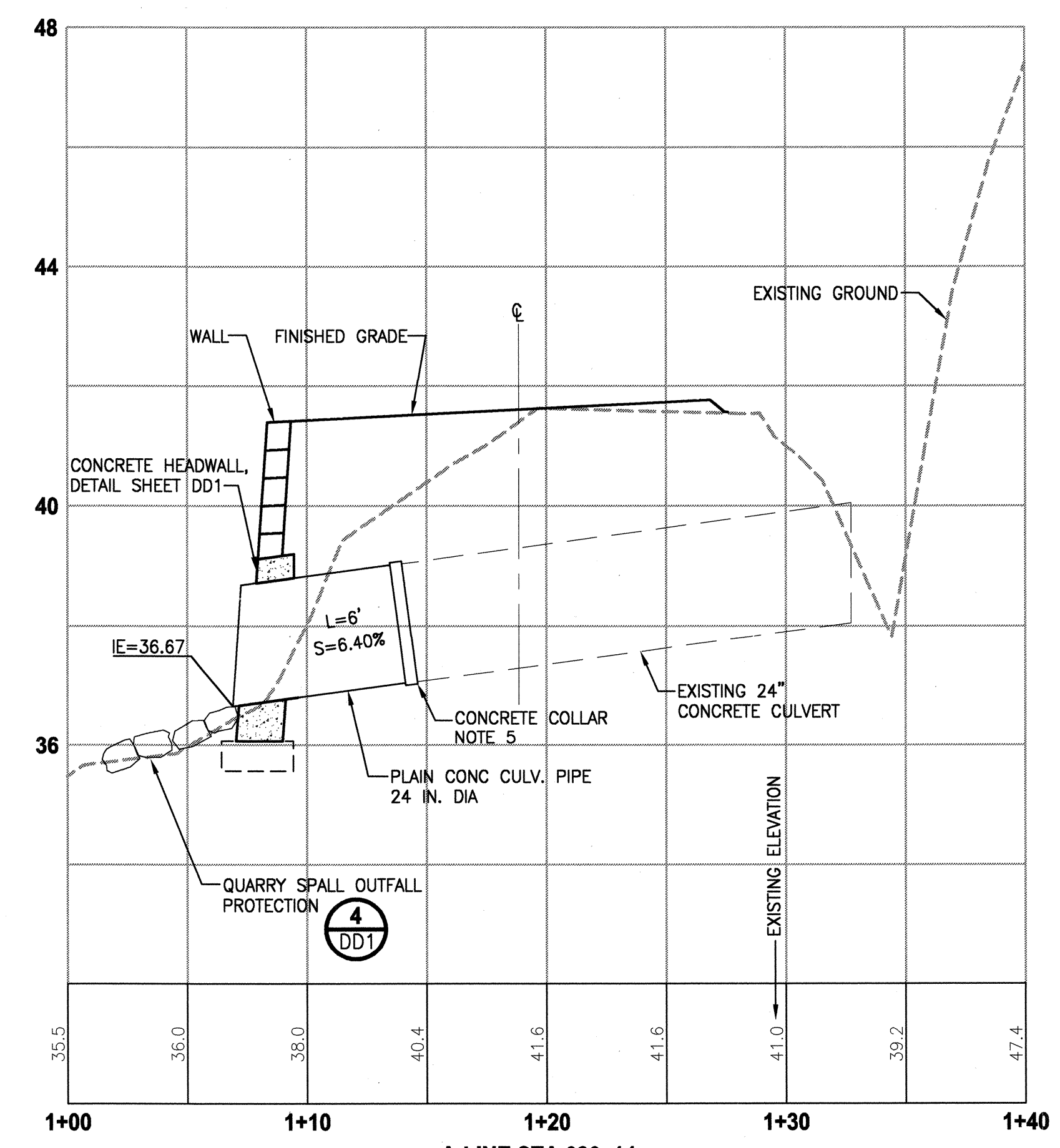
DRAINAGE DETAILS

11-0193
 DRAWING NO. 44 OF 72
DD2

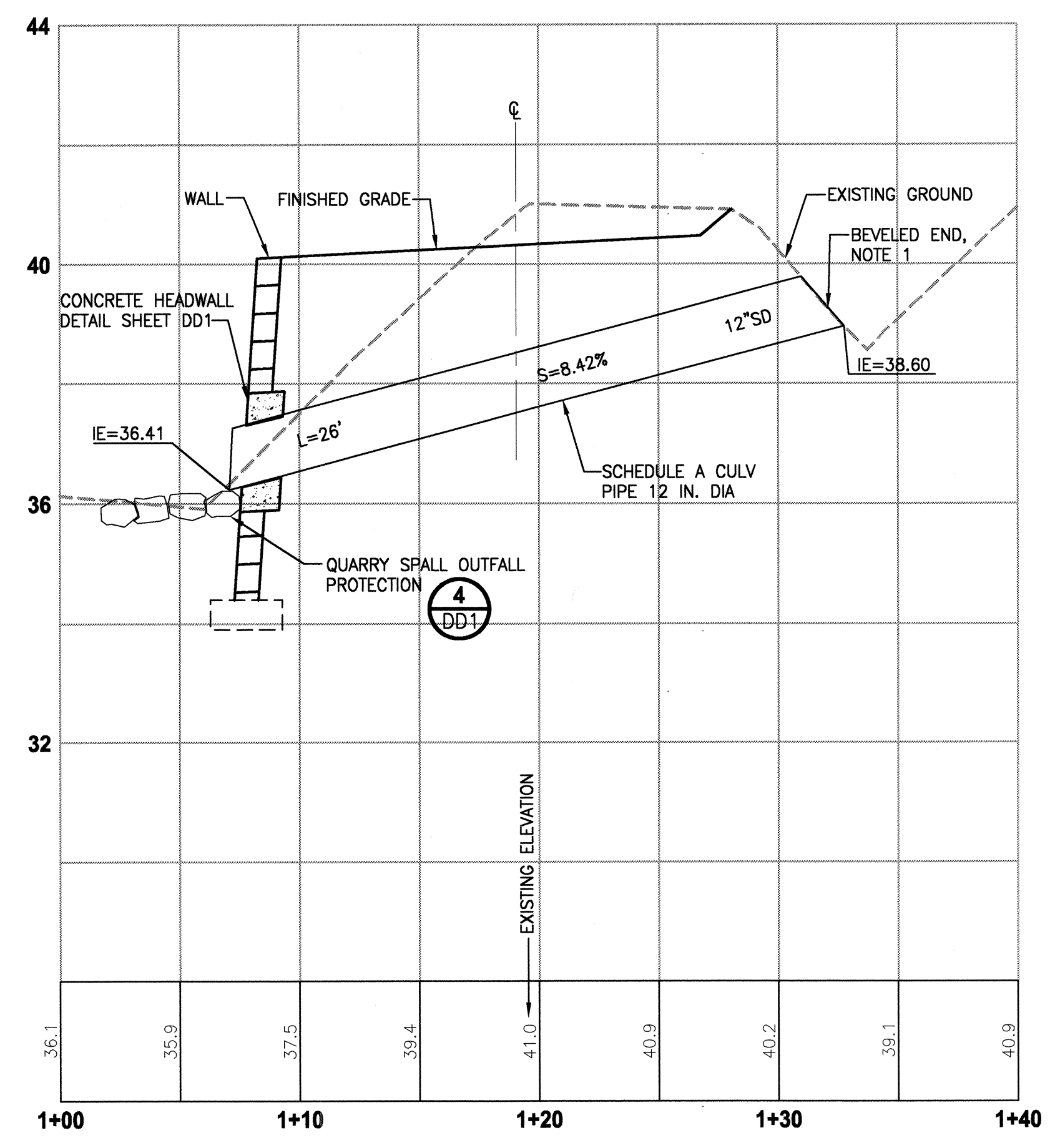
DATE: Dec 17, 2010 - 2:32pm PLOTTED BY: purgabut
 IMAGES: XREF S: XBL1521075P12T01-bk | XBL1521075P12T01DRAIN-PR



**A-LINE STA 617+50
 CULVERT PROFILE**
 HORIZ: 1"=5'
 VERT: 1"=2'



**A-LINE STA 626+14
 CULVERT PROFILE**
 HORIZ: 1"=5'
 VERT: 1"=2'



**A-LINE STA 629+40
 CULVERT PROFILE**
 HORIZ: 1"=5'
 VERT: 1"=2'

- NOTES:**
1. BEVELED END SECTION PER WSDOT STD PLAN B-70.20-00.
 2. TYPE 1 CATCH BASIN PER WSDOT STD PLAN B-5.20-00.
 3. RECTANGULAR VANED GRATE PER WSDOT STD PLAN B-30.30-00.
 4. STORM PIPE MUST MEET CITY OF REDMOND STANDARDS. NO STEEL STORM SEWER PIPE ALLOWED.
 5. CONCRETE COLLAR SHALL BE INCIDENTAL TO CULVERT PIPE TO BE EXTENDED. SEE WSDOT STD PLAN B-60.20-00.

THIS DEVELOPMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF REDMOND STANDARD SPECIFICATIONS AND DETAILS, 2011 EDITION

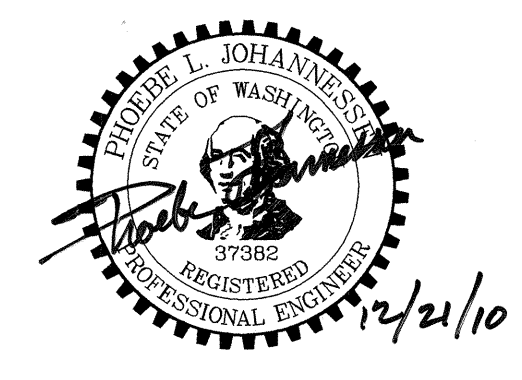
APPROVED FOR CONSTRUCTION
 FOR: WILLIAM C. CAMPBELL
 DIRECTOR OF PUBLIC WORKS
 CITY OF REDMOND
 DATE: 1-18-2011

PLAN CHK ENGR: N/A
 STORM: 1/18 01-12-11
 UTILITY: N/A
 FIRE DEPT: N/A
 TRANS / ENGR: N/A
 PLANNING DEPT: N/A

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 187TH AVENUE NE TO NE 70TH STREET

DRAINAGE DETAILS

11-0194
 DRAWING NO. 45 OF 72
DD3