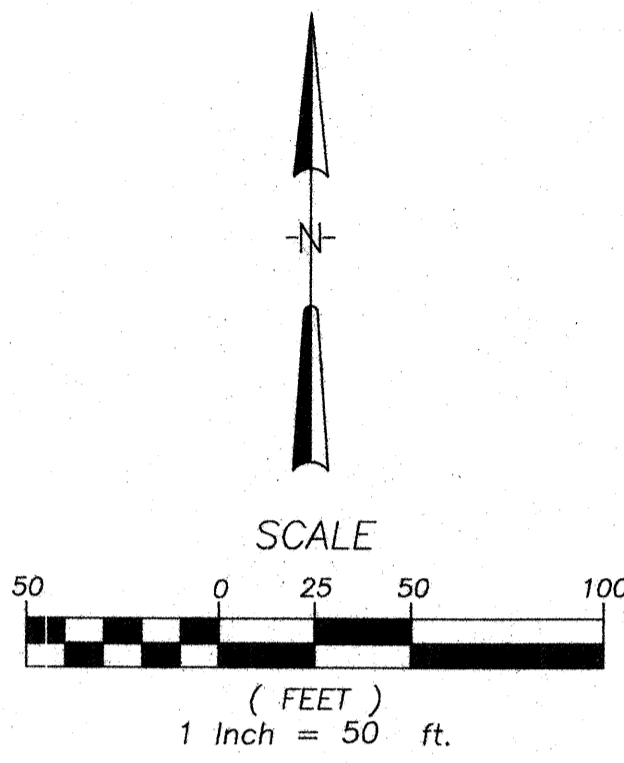


NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.

MILL CREEK 18
(PRD 7200 WITH CONTRACT)



PARKWOOD APARTMENTS
(PRD 7200 WITH CONTRACT)

DESIGN AND LOCATION OF
BIOSWALE & PEDESTRIAN TRAIL
THE BIOSWALE IS SUBJECT TO
SEPARATE APPROVAL BY THE
CITY FOLLOWING SUBMITTAL OF
A REDSIGN FROM THE OWNER.
(10-24-91)

- LEGEND:**
- CATCH BASIN SILTATION PROTECTION
 - INTERCEPTOR SWALE
 - FILTER FABRIC FENCE
 - ORANGE CONSTRUCTION FENCE
 - CLEARING LIMITS
 - ⊠ TEMP. CONSTRUCTION ENTRANCE

NATURE PRESERVE

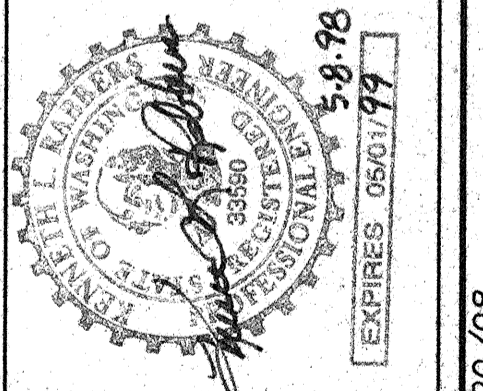
NATURE PRESERVE

PENNY CREEK

WHPACIFIC
 3025-119th Avenue N.E.
 P.O. Box C-87304
 Bellevue, WA 98009-8304
 Phone: (425) 857-0220
 Fax: (425) 822-5341
 Engineering, Surveying, Planning, Architecture, Environmental Services, Landscape Architecture

UNITED DEVELOPMENT CORPORATION
 MILL CREEK 22
TESC & GRADING PLAN

WASHINGTON
 DRAWING FILE NAME: LMCRCOT1.DWG
 PROJECT NO. 3-3051-4901
 MILL CREEK
 SCALE: 1"=50'



ACCEPTED FOR CONSTRUCTION

DESIGNED BY: MGG
 DRAWN BY: RAT
 CHECKED BY: RAT
 APPROVED BY: [Signature]
 DATE: 10/20/97
 REVISION: [Blank]
 CK'D APPR: [Blank]
 ADDRESS CITY: [Blank]
 COMMENTS: [Blank]
 ISSUED FOR PERMIT: 10/20/97
 RAT: [Signature]
 ADDRESS CITY: [Blank]
 COMMENTS: [Blank]
 EXPIRES: 05/31/99

RECEIVED
 MAY 29 1998
 CITY OF MILL CREEK

SHEET
C2.1

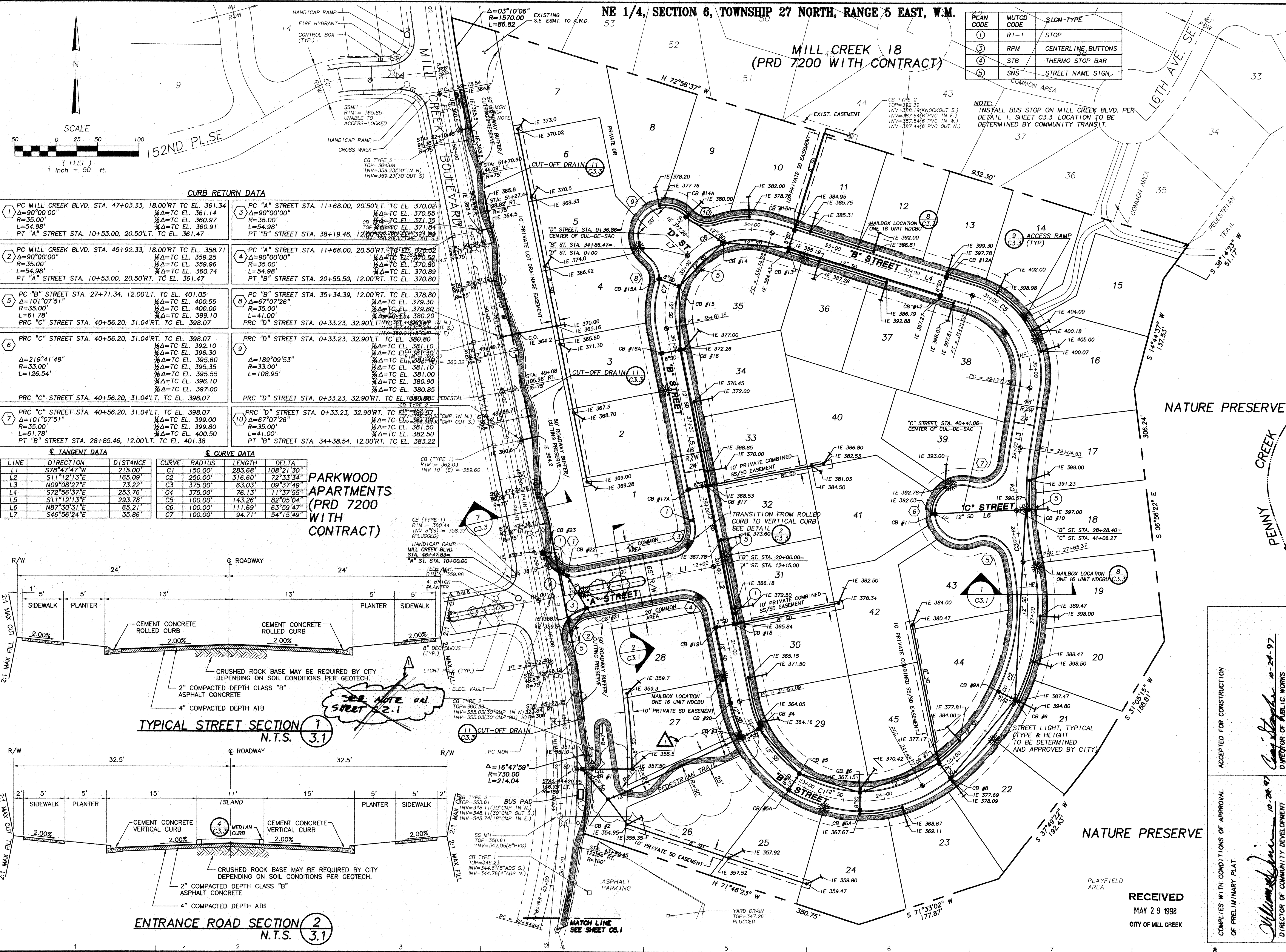
LAST EDIT: RAT-1/20/98
HDEV-065

ASPEN

NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.

PLAN CODE	MUTCD CODE	SIGN TYPE
1	RI-1	STOP
3	RPM	CENTERLINE BUTTONS
4	STB	THERMO STOP BAR
5	SNS	STREET NAME SIGN

NOTE: INSTALL BUS STOP ON MILL CREEK BLVD. PER DETAIL 1, SHEET C3.3. LOCATION TO BE DETERMINED BY COMMUNITY TRANSIT.

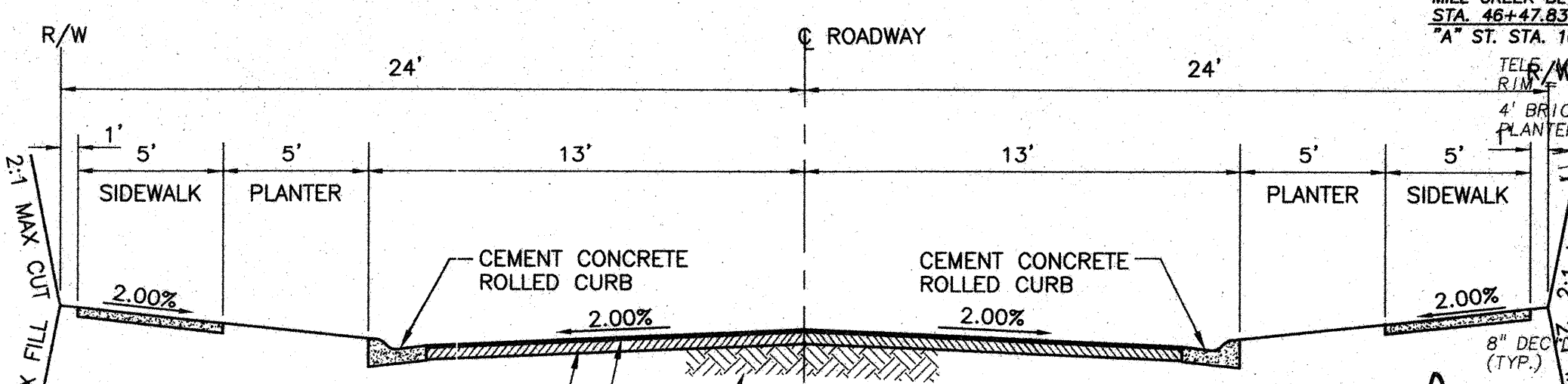


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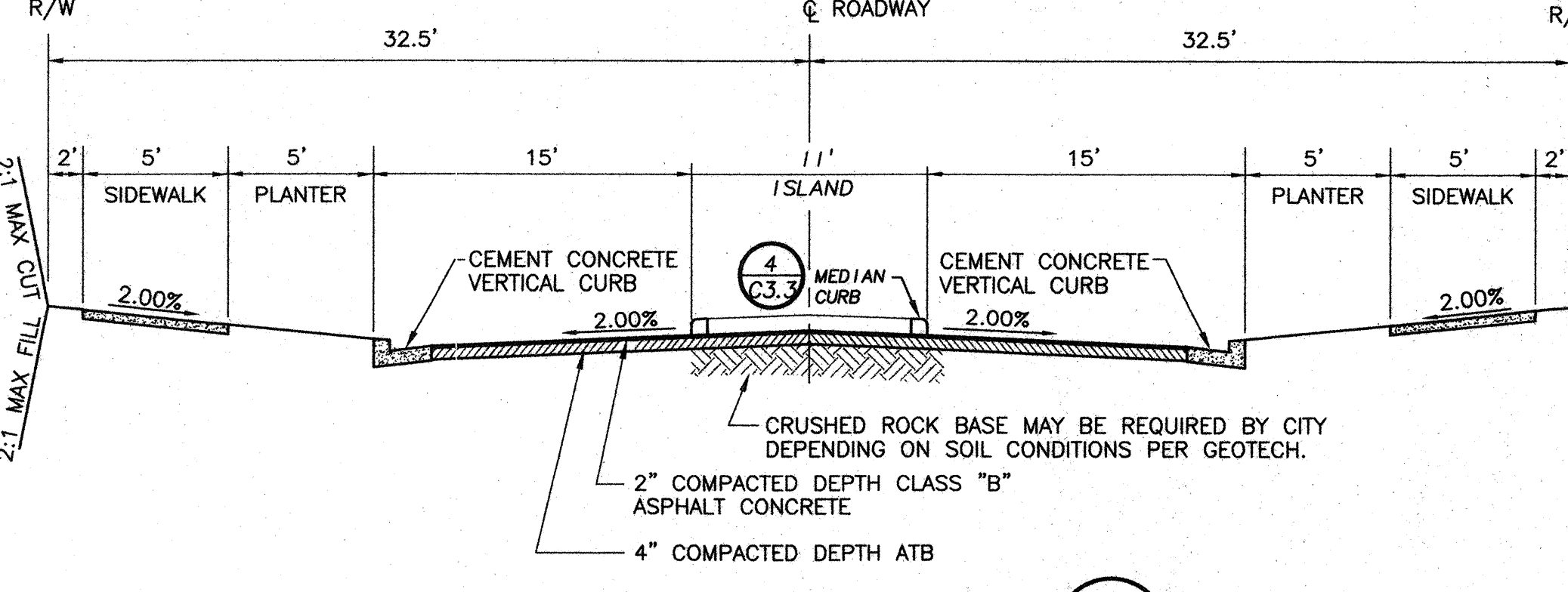
1 PC MILL CREEK BLVD. STA. 47+03.33, 18.00'RT. TC EL. 361.34 Δ=90°00'00" R=35.00' L=54.98' PT "A" STREET STA. 10+53.00, 20.50'LT. TC EL. 361.47	3 PC "A" STREET STA. 11+68.00, 20.50'LT. TC EL. 370.02 Δ=90°00'00" R=35.00' L=54.98' PT "B" STREET STA. 38+19.46, 12.00'RT. TC EL. 370.80
2 PC MILL CREEK BLVD. STA. 45+92.33, 18.00'RT. TC EL. 358.71 Δ=90°00'00" R=35.00' L=54.98' PT "A" STREET STA. 10+53.00, 20.50'RT. TC EL. 361.47	4 PC "A" STREET STA. 11+68.00, 20.50'RT. TC EL. 370.02 Δ=90°00'00" R=35.00' L=54.98' PT "B" STREET STA. 20+55.50, 12.00'RT. TC EL. 370.80
5 PC "B" STREET STA. 27+71.34, 12.00'LT. TC EL. 401.05 Δ=101°07'51" R=35.00' L=61.78' PRC "C" STREET STA. 40+56.20, 31.04'RT. TC EL. 398.07	8 PC "B" STREET STA. 35+34.39, 12.00'RT. TC EL. 378.80 Δ=67°07'26" R=35.00' L=41.00' PRC "D" STREET STA. 0+33.23, 32.90'LT. TC EL. 380.80
6 PRC "C" STREET STA. 40+56.20, 31.04'RT. TC EL. 398.07 Δ=219°41'49" R=33.00' L=126.54' PRC "C" STREET STA. 40+56.20, 31.04'LT. TC EL. 398.07	9 PRC "D" STREET STA. 0+33.23, 32.90'LT. TC EL. 380.80 Δ=189°09'53" R=33.00' L=108.95' PRC "D" STREET STA. 0+33.23, 32.90'RT. TC EL. 380.80
7 PRC "C" STREET STA. 40+56.20, 31.04'LT. TC EL. 398.07 Δ=101°07'51" R=35.00' L=61.78' PT "B" STREET STA. 28+85.46, 12.00'LT. TC EL. 401.38	10 PRC "D" STREET STA. 0+33.23, 32.90'RT. TC EL. 380.80 Δ=67°07'26" R=35.00' L=41.00' PT "B" STREET STA. 34+38.54, 12.00'RT. TC EL. 383.22

TANGENT DATA			CURVE DATA			
LINE	DIRECTION	DISTANCE	CURVE	RADIUS	LENGTH	DELTA
L1	S78°47'47"W	215.00'	C1	150.00'	283.68'	108°21'30"
L2	S11°12'13"E	165.00'	C2	250.00'	316.60'	72°33'34"
L3	N09°08'27"E	73.22'	C3	375.00'	63.03'	09°37'49"
L4	S72°56'37"E	253.76'	C4	375.00'	76.13'	11°37'55"
L5	S11°12'13"E	293.78'	C5	100.00'	143.26'	82°05'04"
L6	N87°30'51"E	65.21'	C6	100.00'	111.69'	63°59'47"
L7	S46°56'24"E	35.86'	C7	100.00'	94.71'	54°15'49"

PARKWOOD APARTMENTS (PRD 7200 WITH CONTRACT)



TYPICAL STREET SECTION 1 N.T.S. 3.1

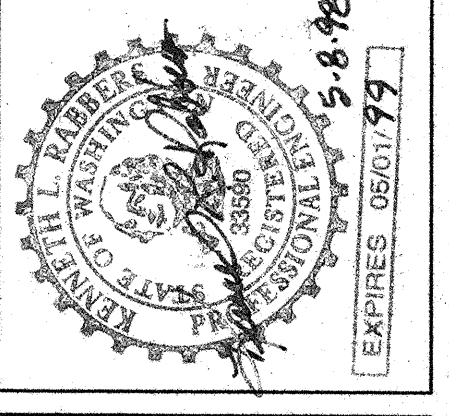


ENTRANCE ROAD SECTION 2 N.T.S. 3.1

WHPACIFIC
3025 - 112th Avenue N.E.
P.O. Box C-97904
Bellevue, WA 98009-9804
Phone: (425) 835-1234
Planning • Engineering • Surveying
Landscape Architecture • Environmental Services

UNITED DEVELOPMENT CORPORATION
MILL CREEK 22
ROAD & STORM PLAN

WASHINGTON
DRAWING FILE NAME: LMCRS01.DWG
PROJECT NO. 3-3051-4901
MILL CREEK
SCALE: 1"=50'



DESIGNED BY	CHECKED BY	APPROVED BY
M. J. [Signature]	M. J. [Signature]	M. J. [Signature]
DATE	REVISION	CK'D APPR.
10/20/97		
10/20/97		
1/20/98		

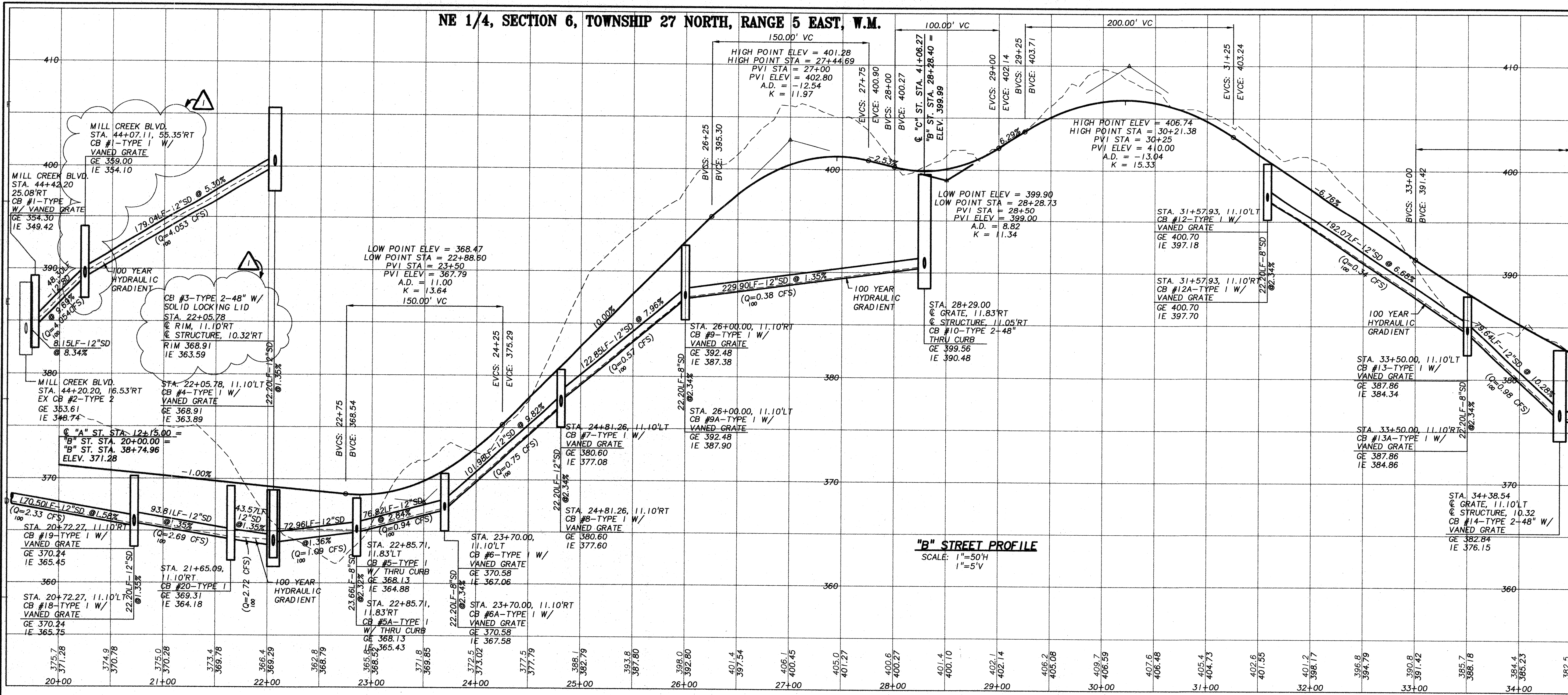
COMMENTS:
1/20/98 RAT / ADDRESS CITY 5/27/98 Cms

ACCEPTED FOR CONSTRUCTION
DIRECTOR OF PUBLIC WORKS
10-24-97
10-24-97
10-24-97

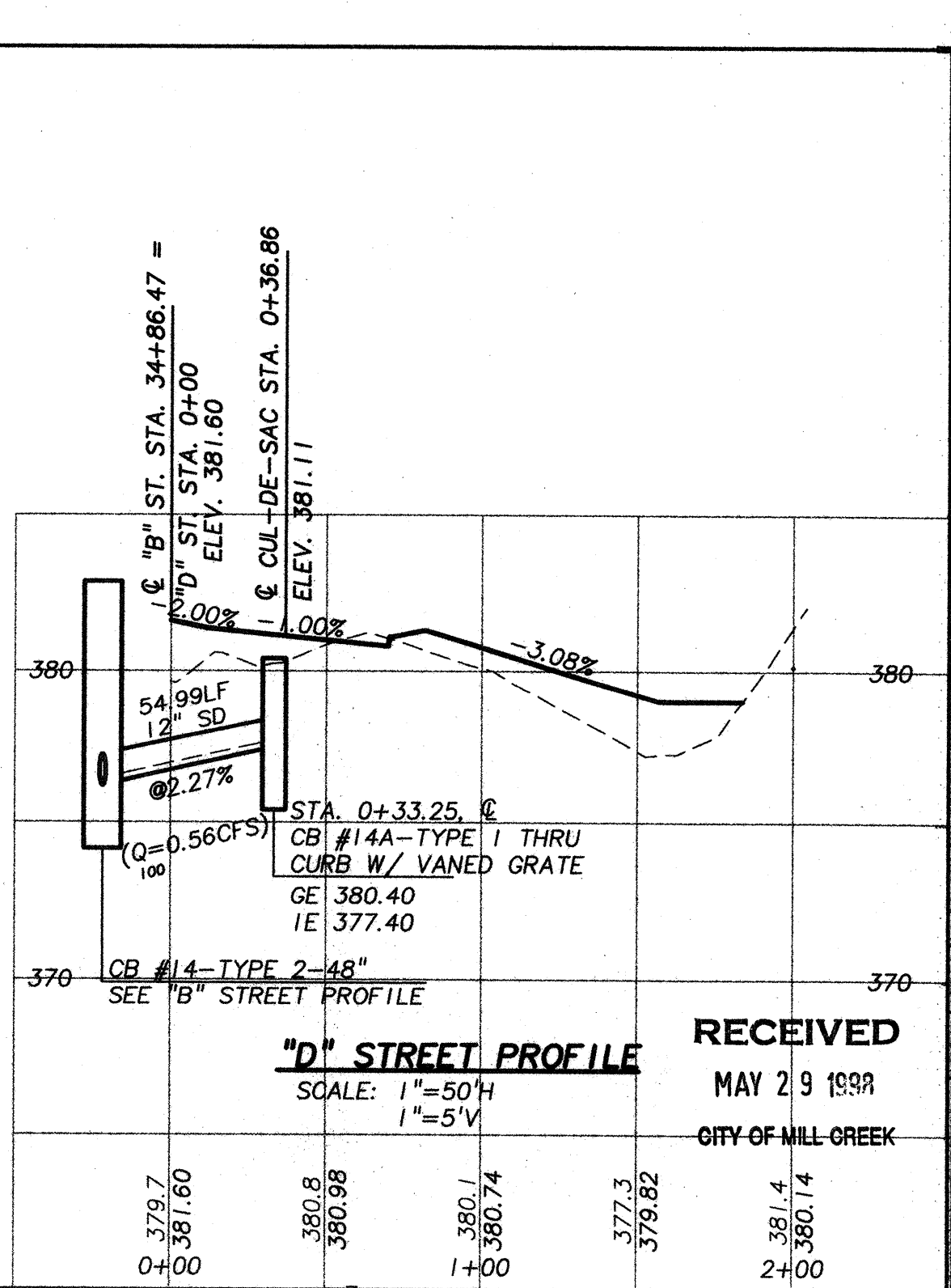
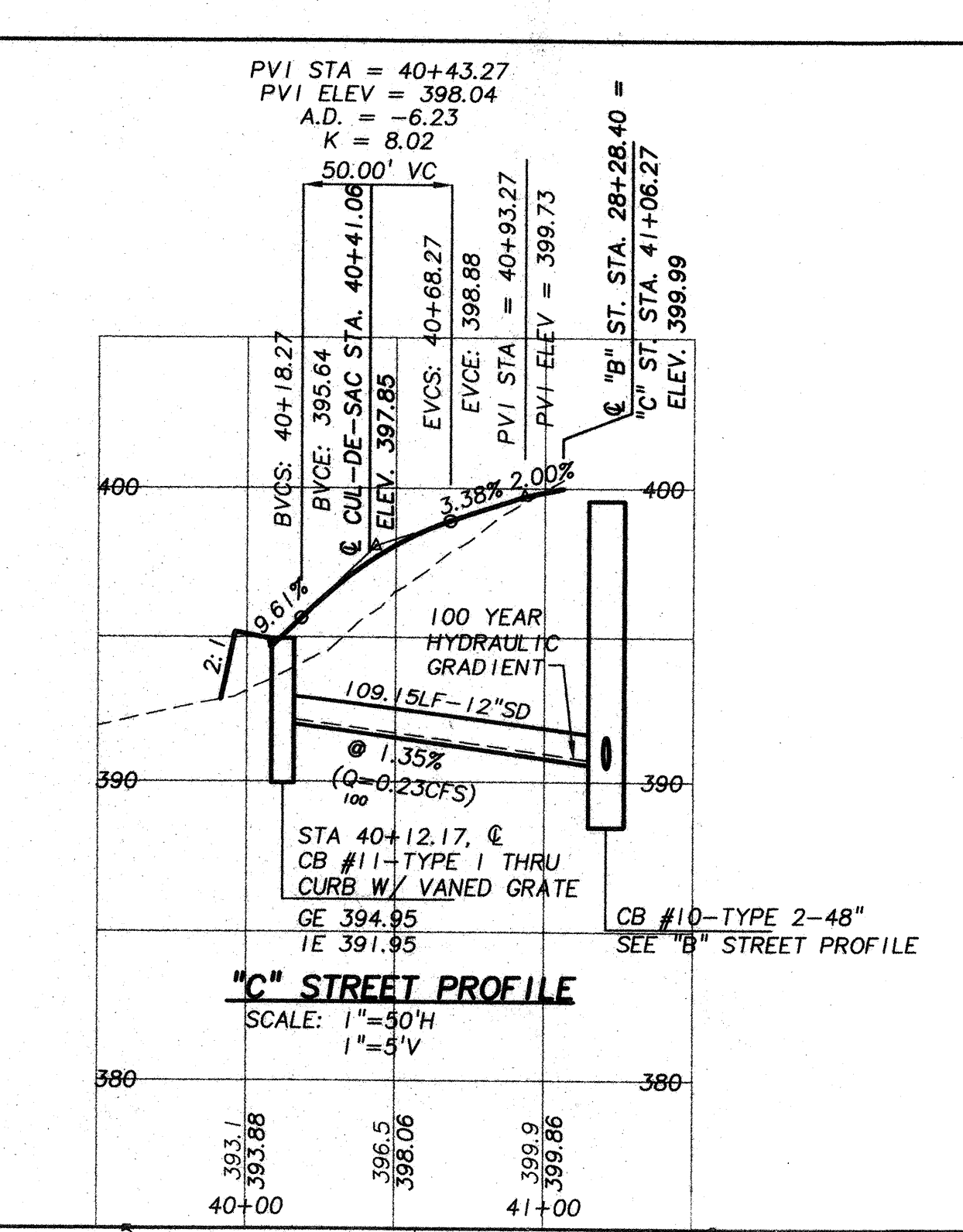
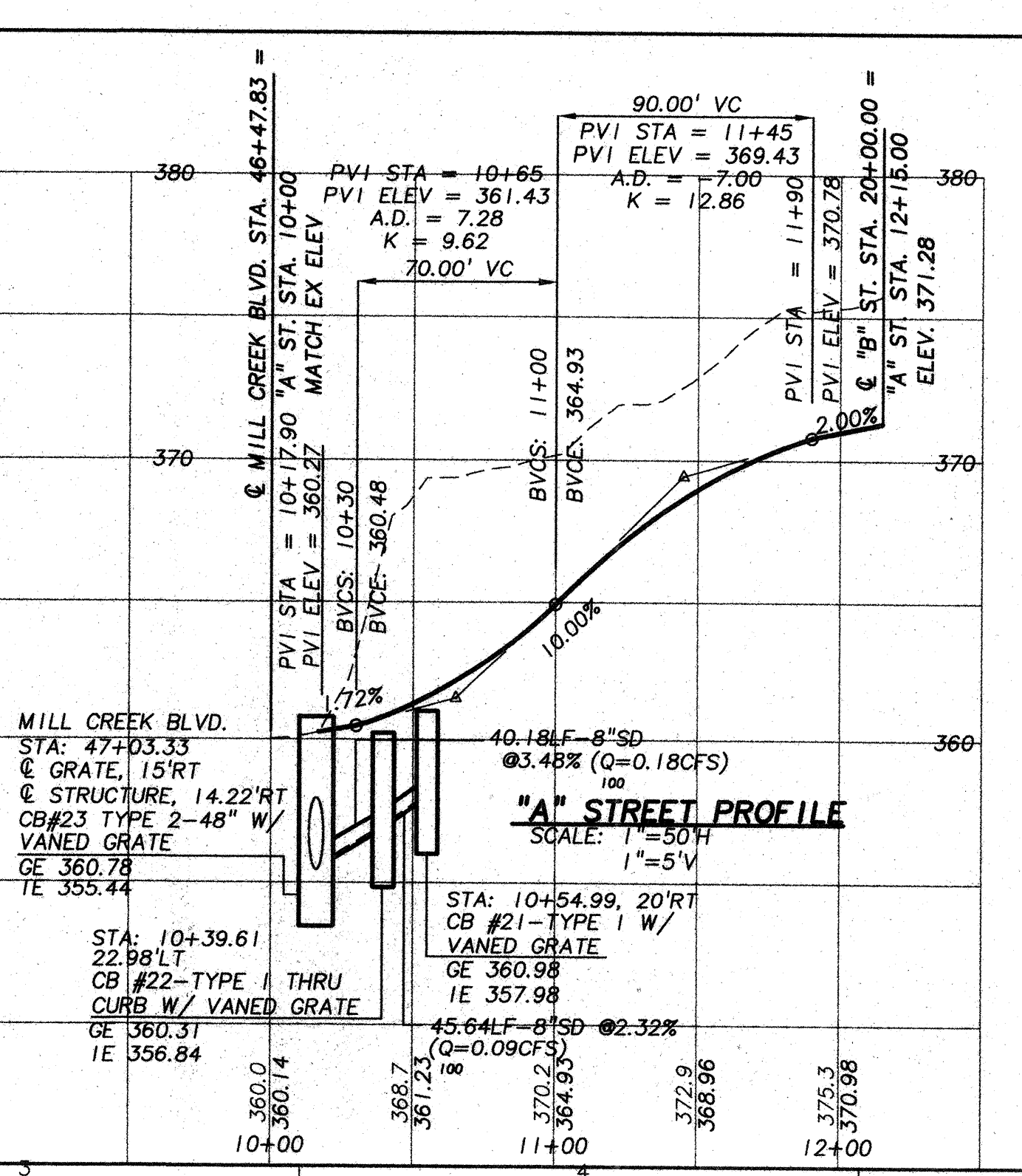
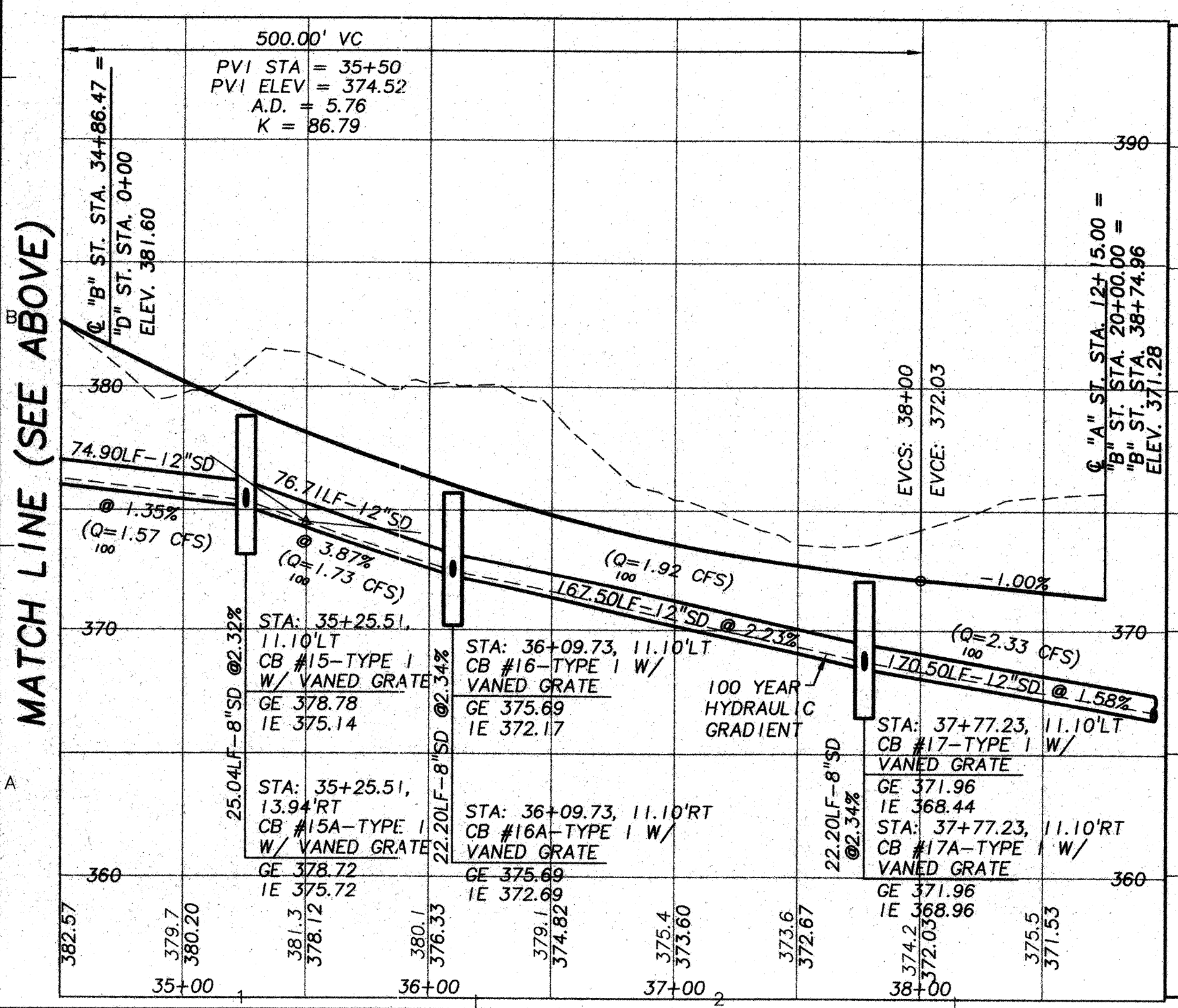
COMPLIES WITH CONDITIONS OF APPROVAL OF PRELIMINARY PLAN
DIRECTOR OF COMMUNITY DEVELOPMENT

RECEIVED
MAY 29 1998
CITY OF MILL CREEK

NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.



MATCH LINE (SEE BELOW)



ACCEPTED FOR CONSTRUCTION
 COMPLES WITH CONDITIONS OF APPROVAL
 OF PRELIMINARY PLAT

RECEIVED
 MAY 29 1999
 CITY OF MILL CREEK

William J. Johnson 10.04.97
 DIRECTOR OF COMMUNITY DEVELOPMENT

Larry Stangor 02.28.97
 DIRECTOR OF PUBLIC WORKS

DESIGNED BY: MGC
 DRAWN BY: RAT
 CHECKED BY: []
 APPROVED BY: []

DATE	BY	REVISION	CK'D	APPR.
10/20/97	RAT	ADDRESS CITY		
10/20/97	RAT	ISSUED FOR PERMIT		
1/20/98	RAT	ADDRESS CITY		
		COMMENTS		

SHEET
C3.2

UNITED DEVELOPMENT CORPORATION
 MILL CREEK 22
ROAD & STORM PROFILE

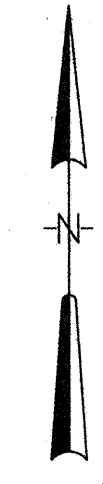
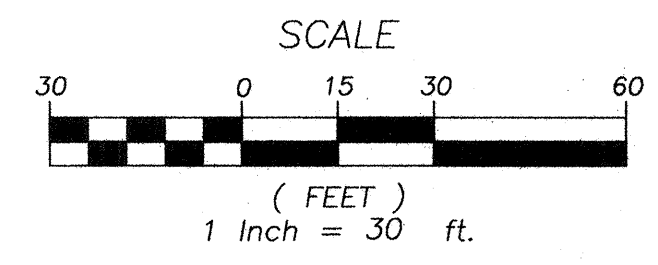
WASHINGTON
 PROJECT NO. 3-3051-4901
 DRAWING FILE NAME: LMCRRS01.DWG

MILL CREEK
 SCALE: 1"=50'

WHPACIFIC

908E-119th Avenue N.E.
 P.O. Box C-97304
 Bellevue, WA 98009-9804
 Phone: (425) 897-0920 Fax: (425) 822-5341
 Planning • Engineering • Surveying
 Landscape Architecture • Environmental Services

NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.



CB TYPE 2
TOP=348.25
INV=340.90(30"CMP IN N'LY)
INV=340.79(36"CMP OUT SE'LY)

EXISTING 36" CMP
CULVERT OUT
INV=338.44

5 QUARRY SPALL AND
C5.2 GRAVEL FILTER "WINDOW"

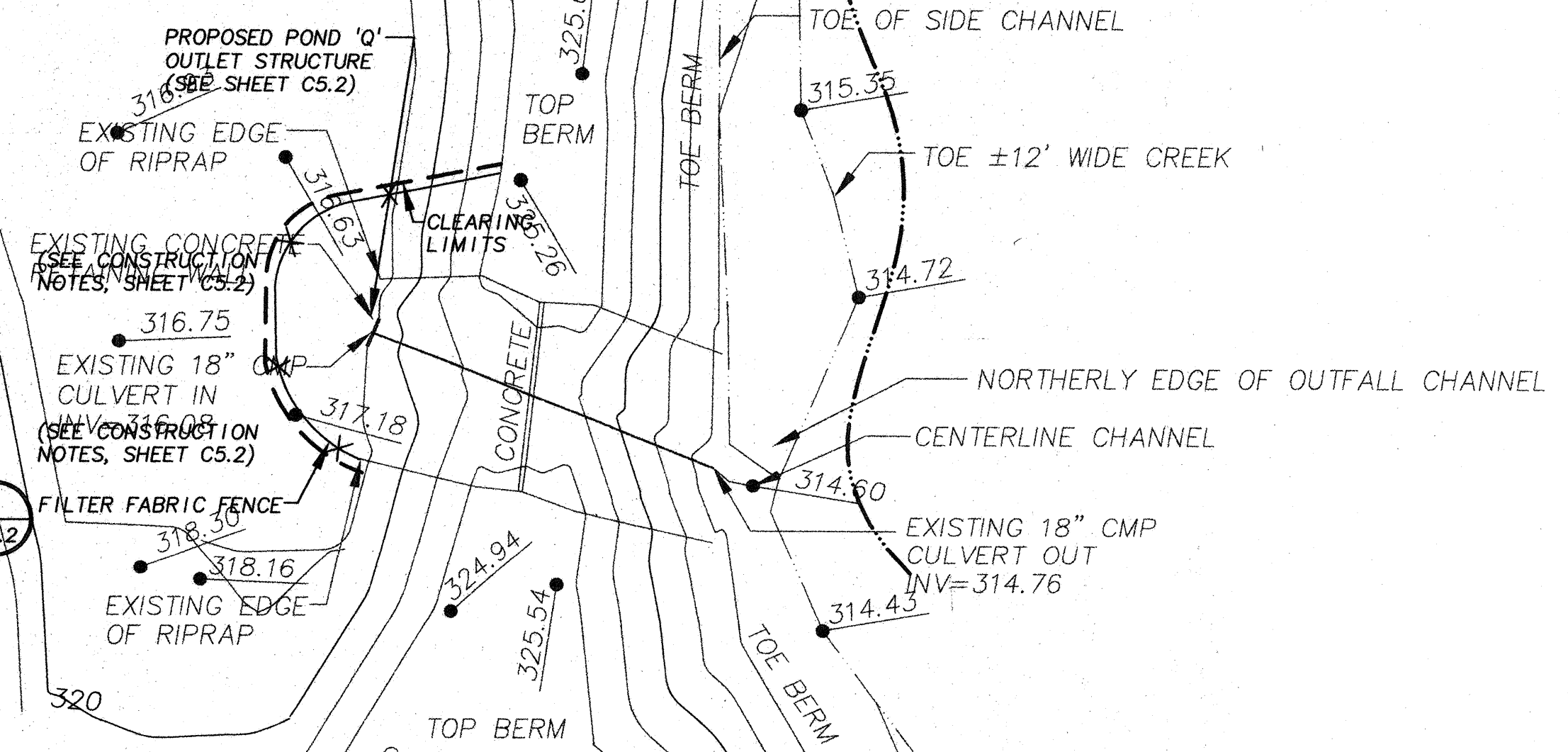
2 CELL WETPOND
SURFACE AREA =
140'X58' = 8,120 SF
MIN. VOL = 27,007 CF

DETENTION POND 'Q'

31 LF 10" HALF I
PIPE CHANNEL
S=0.00575

APPROXIMATE BOUNDARY
OF MITIGATION AREA PER
PLAN TO BE APPROVED BY
CITY OF MILL CREEK

PENNY CREEK



~~SEE NOTE ON SHEET C2.1~~

RECEIVED
MAY 29 1998
CITY OF MILL CREEK

DESIGNED BY: MGC	CHECKED BY:	APPROVED BY:
DRAWN BY: MGC	REVISION:	DATE:
DATE: 10/20/97	BY: RAT	ADDRESS: CITY
DATE: 10/20/97	BY: RAT	COMMENTS:
DATE: 10/20/97	BY: RAT	ISSUED FOR PERMIT:
DATE: 10/20/97	BY: RAT	ADDRESS: CITY
DATE: 10/20/97	BY: RAT	COMMENTS:

COMPLIES WITH CONDITIONS OF APPROVAL
OF PRELIMINARY PLAT

ACCEPTED FOR CONSTRUCTION

William A. Jimm 10-24-97
DIRECTOR OF COMMUNITY DEVELOPMENT

Craig Stepha 10-24-97
DIRECTOR OF PUBLIC WORKS

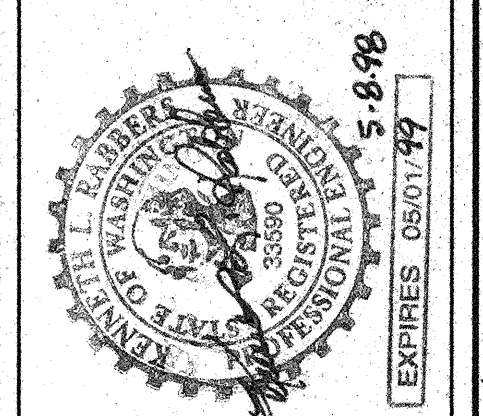
WHPACIFIC

9895-12th Avenue N.E.
P.O. Box 9900
Bellevue, WA 98009-0904
Phone: (425) 827-0220 Fax: (425) 822-5341
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Landscape Architecture • Environmental Services

UNITED DEVELOPMENT CORPORATION
MILL CREEK 22
OFF-SITE STORM DRAINAGE POND "Q" PLAN

WASHINGTON
MILL CREEK
SCALE: 1"=30'

PROJECT NO. 3-3051-4901
DRAWING FILE NAME: LMCROS01.DWG

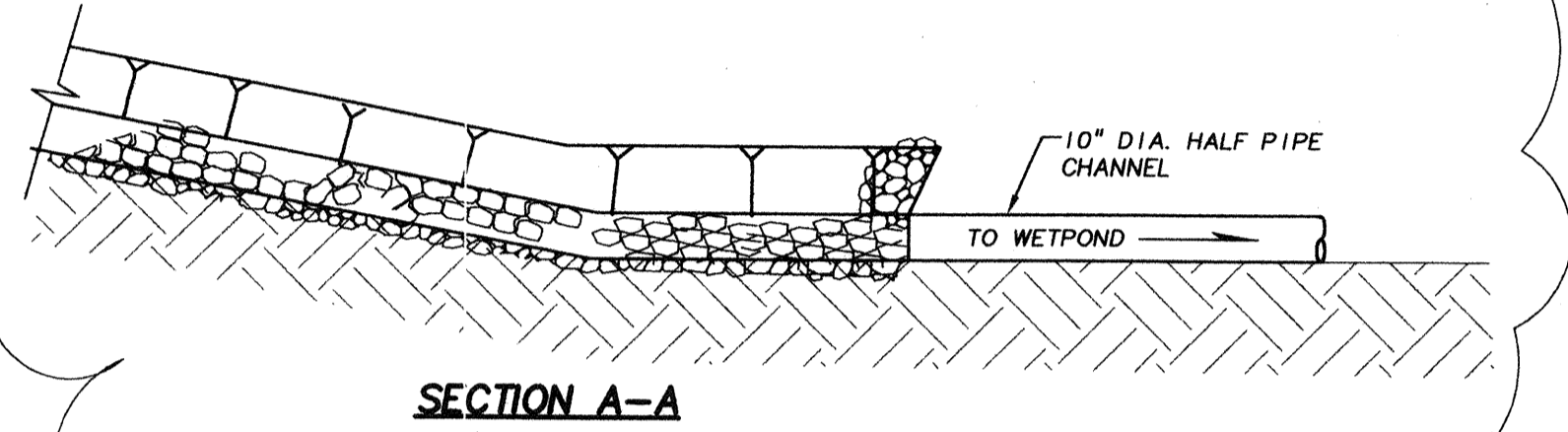
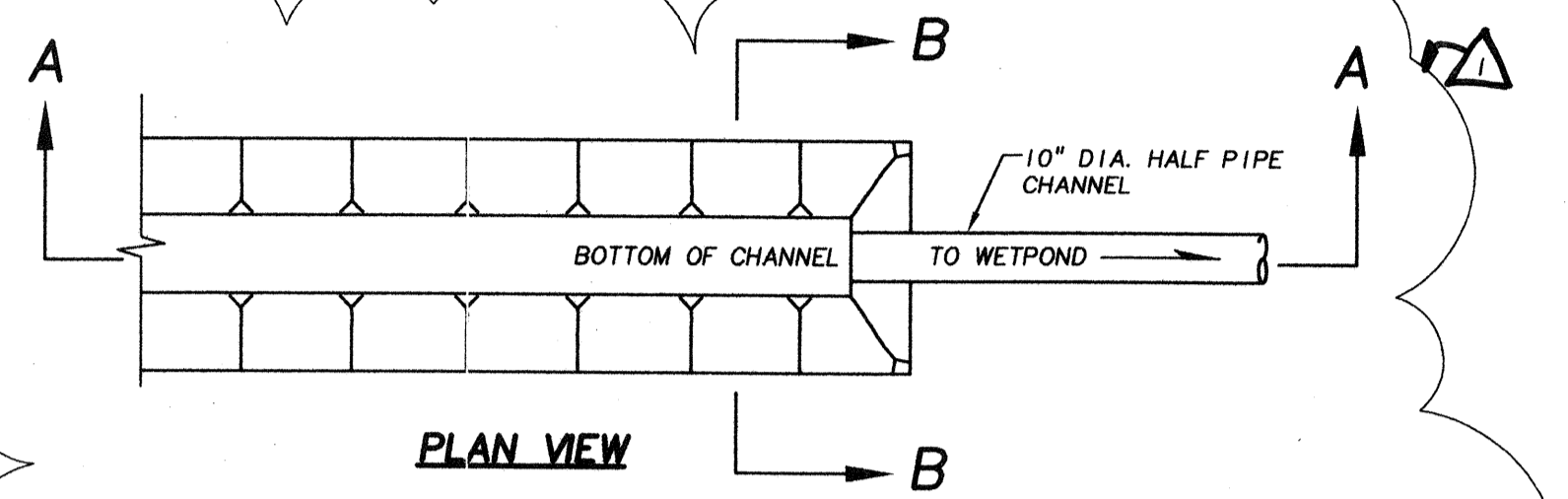
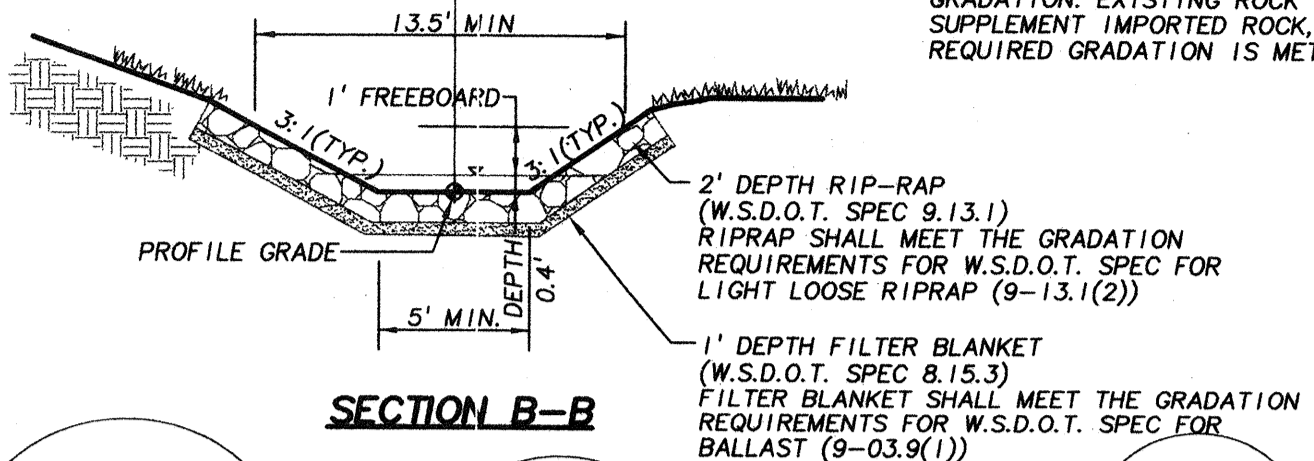


DESIGNED BY: MGC	CHECKED BY:	APPROVED BY:
DRAWN BY: MGC	REVISION:	DATE:
DATE: 10/20/97	BY: RAT	ADDRESS: CITY
DATE: 10/20/97	BY: RAT	COMMENTS:
DATE: 10/20/97	BY: RAT	ISSUED FOR PERMIT:
DATE: 10/20/97	BY: RAT	ADDRESS: CITY
DATE: 10/20/97	BY: RAT	COMMENTS:

SHEET
C5.1

NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.

- NOTES:**
- EXCAVATE AS REQUIRED TO CONSTRUCT TO NEW CHANNEL DIMENSIONS.
 - PLACE FILTER BLANKET IN ACCORDANCE WITH REQUIRED GRADATION. EXISTING ROCK MAY BE USED TO SUPPLEMENT IMPORTED ROCK, AS LONG AS REQUIRED GRADATION IS MET.
 - PLACE RIP-RAP IN ACCORDANCE WITH REQUIRED GRADATION. EXISTING ROCK MAY BE USED TO SUPPLEMENT IMPORTED ROCK, AS LONG AS REQUIRED GRADATION IS MET.



TYPICAL CHANNEL SECTION (1)
N.T.S. (5.2)

CONSTRUCTION SPECIFICATIONS FOR RIPRAP (1, 5.2 & 3, 5.2)

- THE SUBGRADE OF THE FILTER MATERIAL, GEOTEXTILE FABRIC OR RIPRAP SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS, VEGETATION, AND DEBRIS AND PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
- THE ROCK AND/OR GRAVEL USED FOR FILTER AND RIPRAP SHALL CONFORM TO THE SPECIFIED GRADATION.
- STONE FOR RIPRAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT DISPLACEMENT OF THE UNDERLYING MATERIALS. HAND PLACEMENT MAY BE REQUIRED TO PREVENT DAMAGE TO ANY PERMANENT STRUCTURES.
- STONES FOR RIPRAP SHALL BE ANGULAR OR SUBANGULAR. THE STONES SHOULD BE SHAPED SO THAT THE LEAST DIMENSION OF THE STONE FRAGMENT SHALL BE NOT LESS THAN ONE-THIRD OF THE GREATEST DIMENSION OF THE FRAGMENT. FLAT ROCKS SHALL NOT BE USED FOR RIPRAP.
- VOIDS IN THE RIPRAP SHOULD BE FILLED WITH SPALLS AND SMALLER ROCKS.

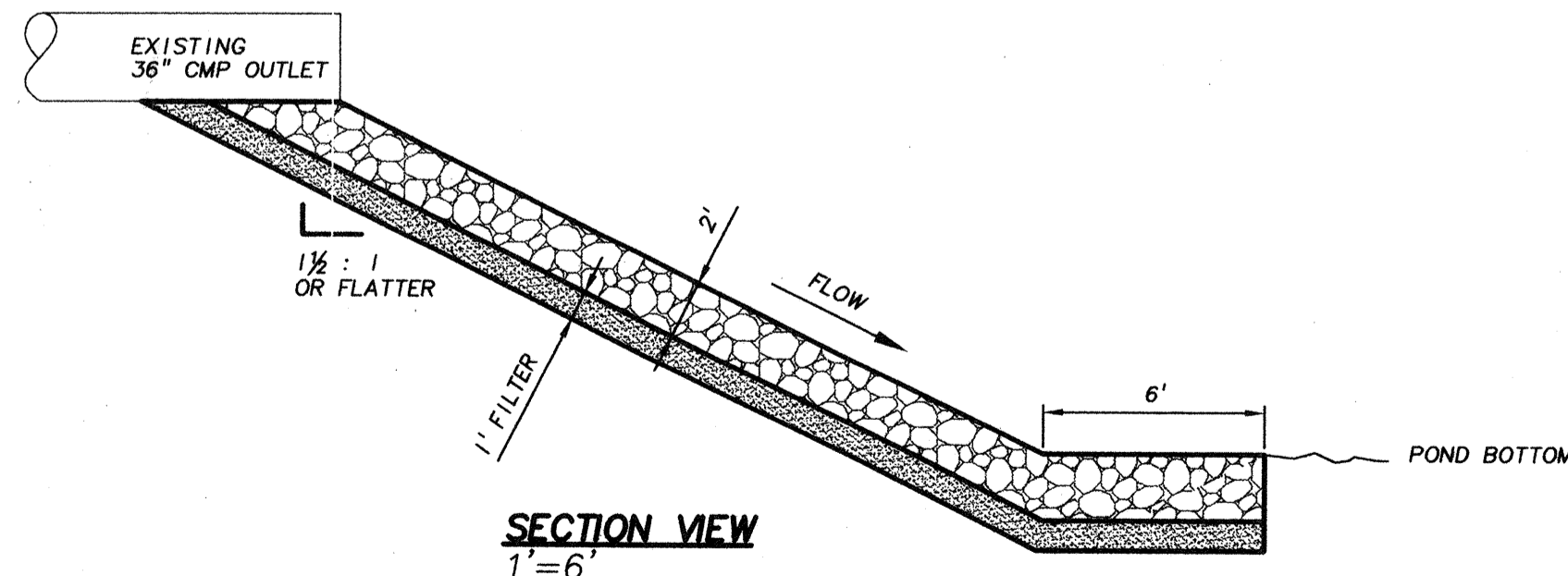
RIPRAP GRADATION

GRADATION TO CONFORM TO WSDOT STANDARD SPECIFICATIONS SECTION 9-13.1(2) 1996 USE LIGHT LOOSE RIP RAP 2 FEET THICK

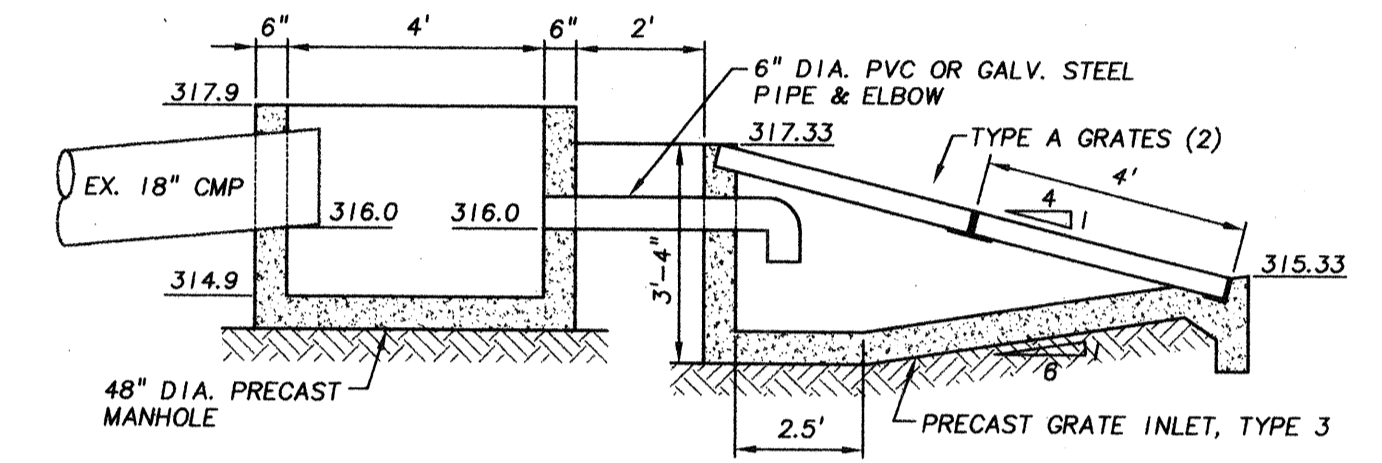
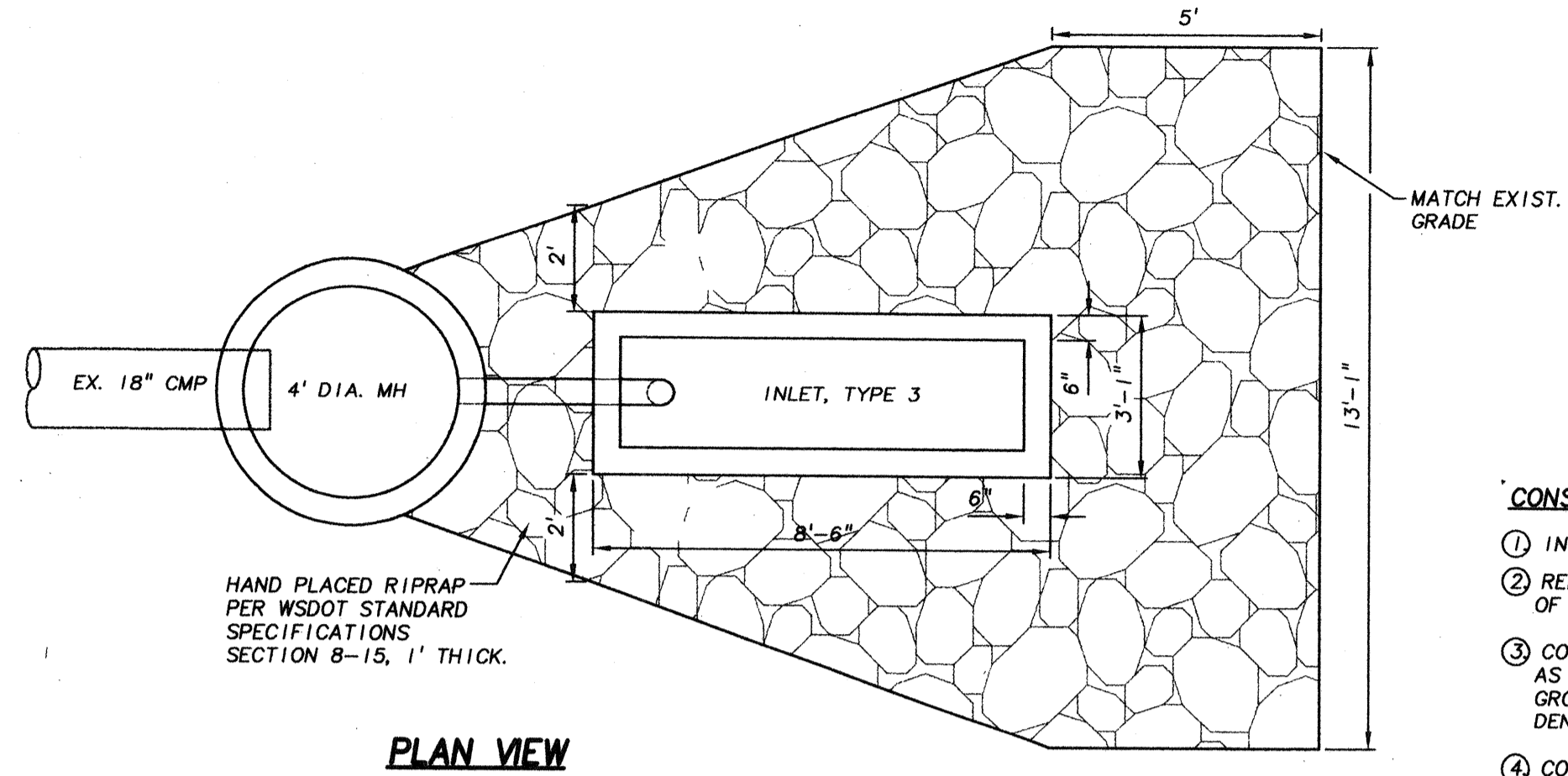
GRADATION:	SIZE RANGE	MAXIMUM SIZE
20% TO 90%	300 LBS TO 1 TON	
15% TO 80%	50 LBS TO 1 TON	
10% TO 20%	3 IN.	50 LBS. (SPALLS)

FILTER GRADATION

FILTER SHALL BE 1 FOOT THICK.
GRADATION FOR FILTER SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS SECTION 9-03.9(1), BALLAST.

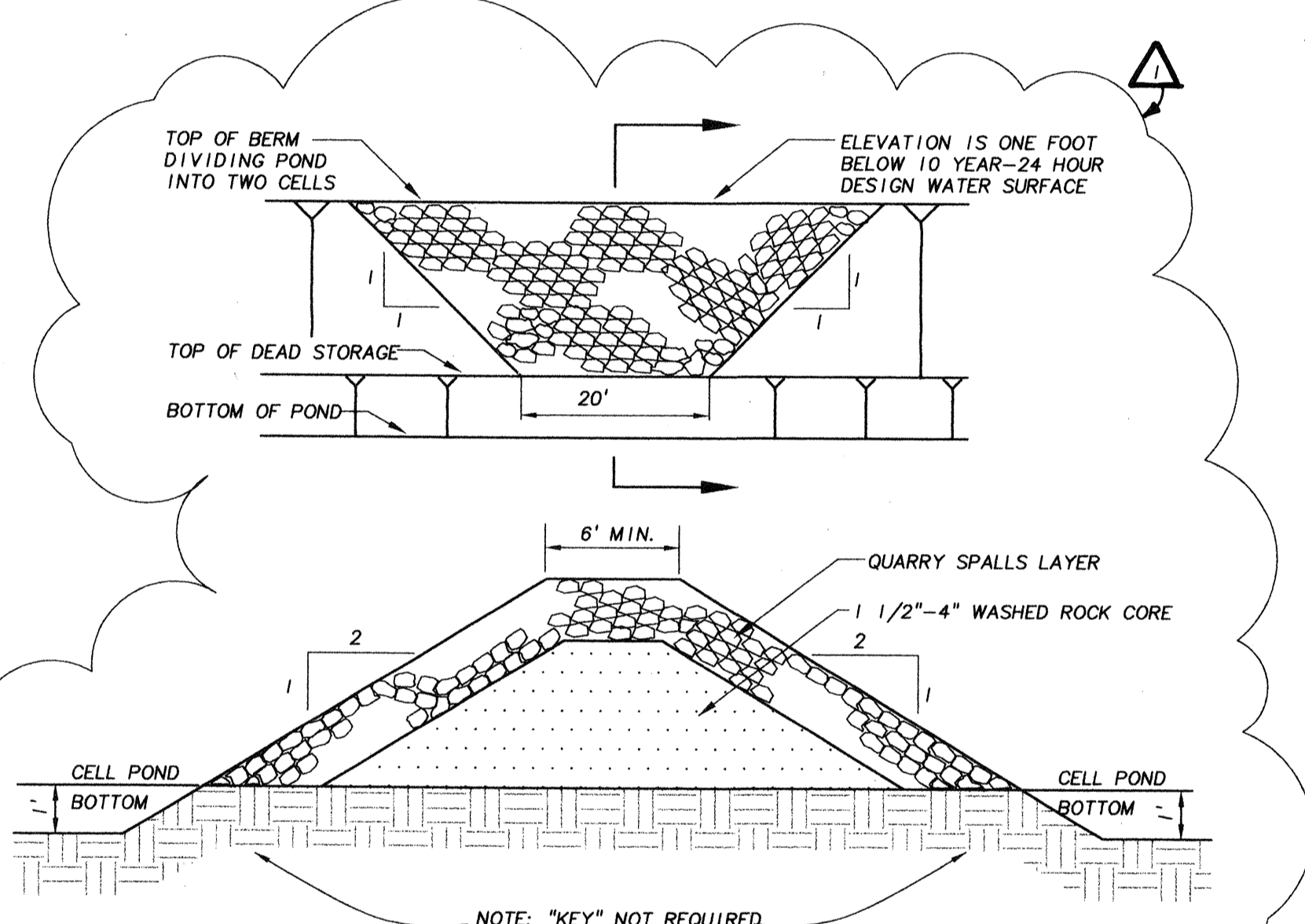


RIPRAP PROTECTION DETAILS (3)
1"=6' (5.2)

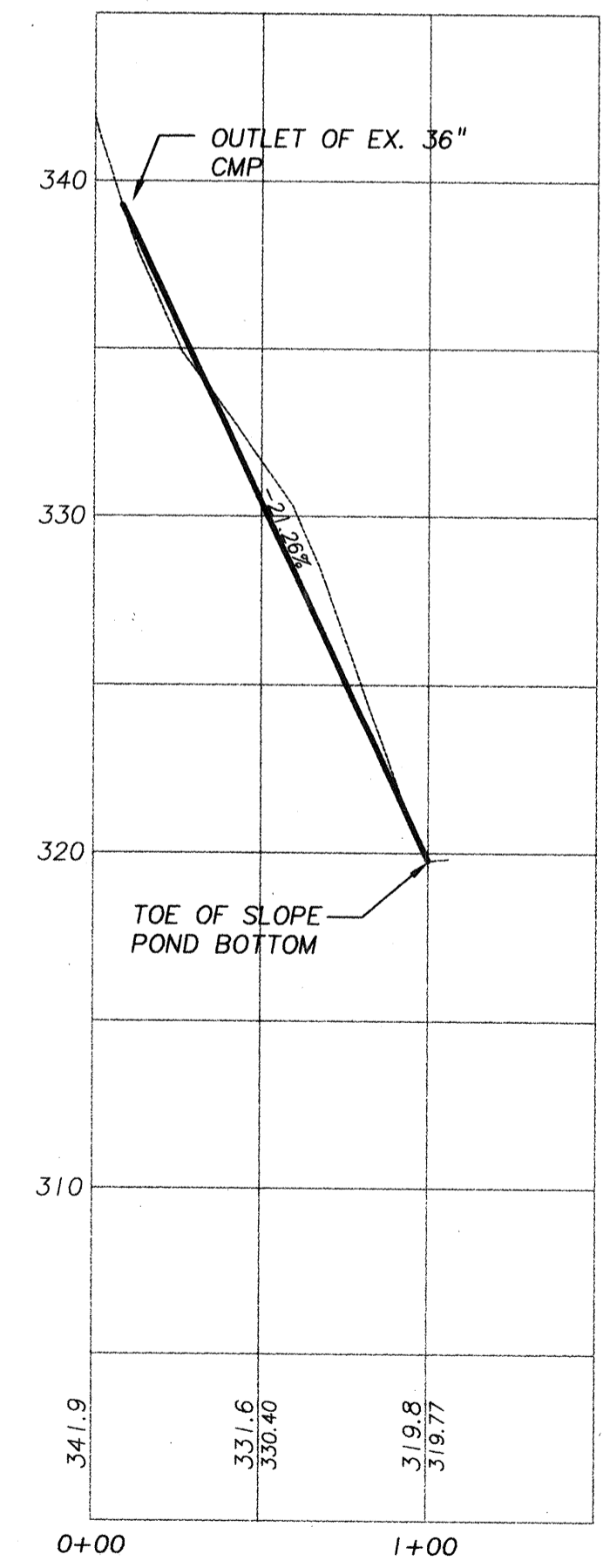


POND 'Q' OUTLET STRUCTURE DETAILS (2)
N.T.S. (5.2)

- CONSTRUCTION NOTES**
- INSTALL EROSION PROTECTION AS SHOWN ON SHEET C5.1
 - REMOVE EXISTING HEADWALL AND APPROXIMATELY 4.3' OF EXISTING 18" CMP. WRAP END OF PIPE WITH FILTER FABRIC.
 - CONSTRUCT PRECAST MANHOLE, GRATE INLET TYPE 3, AND 6" PIPE AS SHOWN. PRECAST UNITS SHALL BE PLACED ON FIRM, NATURAL GROUND OR STRUCTURAL FILL COMPACTED TO 95% OF RELATIVE DENSITY (MODIFIED PROCTOR).
 - CONSTRUCT HAND PLACED RIPRAP AS SHOWN.
 - AFTER CLEANUP, REMOVE EROSION PROTECTION AND REMOVE FILTER FABRIC FROM 18" CMP.



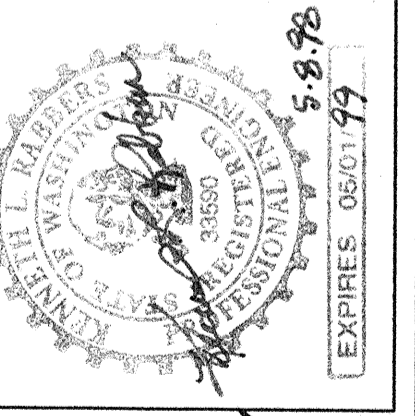
GRAVEL FILTER WINDOW (5)
N.T.S. (C5.2)



OUTLET CHANNEL PROFILE (4)
1"=50' HOR.
1"=5' VERT.
(SEE SHEET C5.1 FOR PLAN VIEW) (5.2)

WHPACIFIC
3025-112th Avenue N.E.
Bellevue, WA 98004-9304
P.O. Box C-97304
Phone: (425) 827-0250
Fax: (425) 822-5341
Landscape Architecture • Environmental Services

UNITED DEVELOPMENT CORPORATION
MILL CREEK 22
OFF-SITE STORM DRAINAGE POND "Q" DETAILS
MILL CREEK
WASHINGTON
PROJECT NO. 3-3051-4901
DRAWING FILE NAME: LMCROSDI.DWG
SCALE: AS NOTED



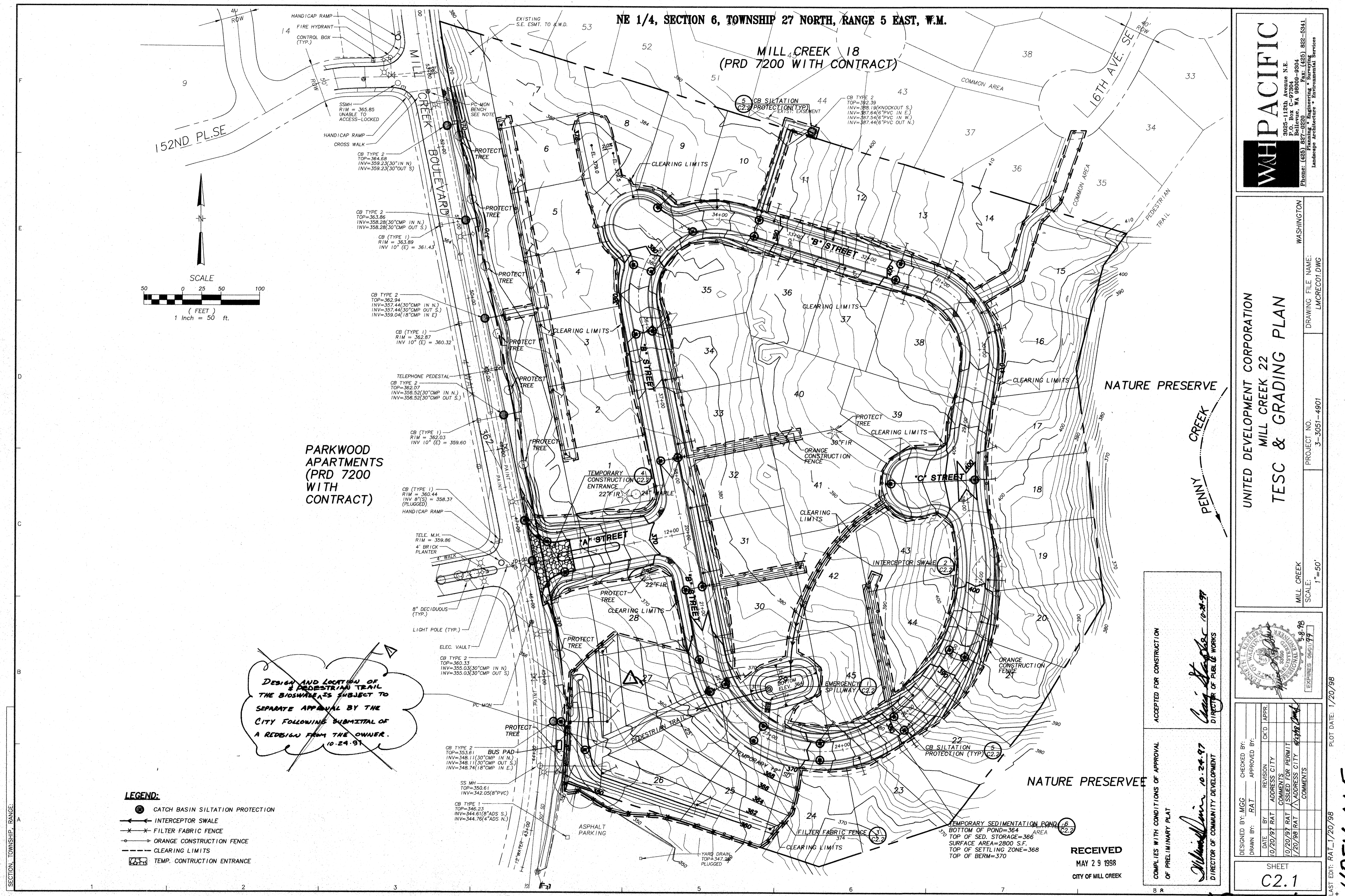
ACCEPTED FOR CONSTRUCTION
COMPLIES WITH CONDITIONS OF APPROVAL OF PRELIMINARY PLAN
DIRECTOR OF COMMUNITY DEVELOPMENT
MAY 29 1998
CITY OF MILL CREEK

DESIGNED BY:	CHECKED BY:	APPROVED BY:
MGG	MGG	MGG
DATE	REVISION	CK'D
10/20/97	RAT	APPR
10/20/97	RAT	COMMENTS
10/20/97	RAT	ISSUED PERMIT
1/20/98	RAT	ADDRESS CITY
		COMMENTS

SHEET C5.2

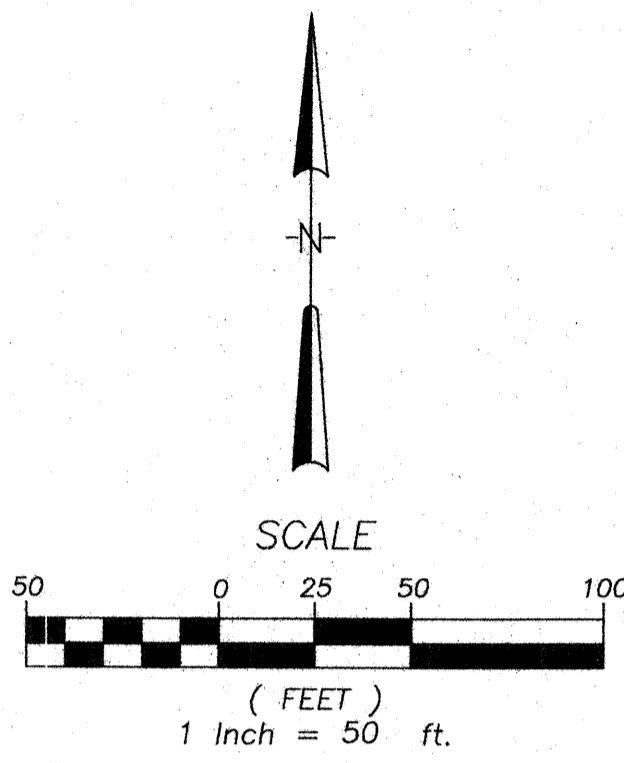
RECEIVED
MAY 29 1998
CITY OF MILL CREEK

RECEIVED
MAY 29 1998
CITY OF MILL CREEK



NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.

MILL CREEK 18
(PRD 7200 WITH CONTRACT)



PARKWOOD APARTMENTS
(PRD 7200 WITH CONTRACT)

DESIGN AND LOCATION OF
BIOSWALE & PEDESTRIAN TRAIL
THE BIOSWALE IS SUBJECT TO
SEPARATE APPROVAL BY THE
CITY FOLLOWING SUBMITTAL OF
A REDSIGN FROM THE OWNER.
(10-24-91)

- LEGEND:**
- CATCH BASIN SILTATION PROTECTION
 - INTERCEPTOR SWALE
 - FILTER FABRIC FENCE
 - ORANGE CONSTRUCTION FENCE
 - CLEARING LIMITS
 - TEMP. CONSTRUCTION ENTRANCE

NATURE PRESERVE

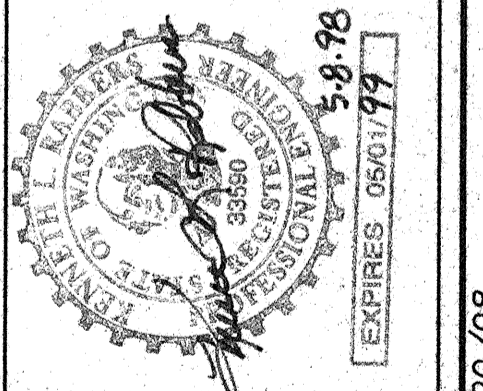
NATURE PRESERVE

PENNY CREEK

WHPACIFIC
 3025-119th Avenue N.E.
 P.O. Box C-87304
 Bellevue, WA 98009-8304
 Phone: (425) 857-0220
 Fax: (425) 822-5341
 Engineering, Surveying, Planning, Architecture, Environmental Services, Landscape Architecture

UNITED DEVELOPMENT CORPORATION
 MILL CREEK 22
TESC & GRADING PLAN

WASHINGTON
 DRAWING FILE NAME: LMCRCOT.DWG
 PROJECT NO. 3-3051-4901
 MILL CREEK
 SCALE: 1"=50'



ACCEPTED FOR CONSTRUCTION
Clay Stephens 10-24-97
 DIRECTOR OF PUBLIC WORKS

COMPLIES WITH CONDITIONS OF APPROVAL
 OF PRELIMINARY PLAN
William J. Davis 10-24-97
 DIRECTOR OF COMMUNITY DEVELOPMENT

DESIGNED BY: MGG	CHECKED BY:
DRAWN BY: RAT	APPROVED BY:
DATE: 10/20/97	REVISION:
10/20/97	ADDRESS CITY:
10/20/97	COMMENTS:
10/20/97	ISSUED FOR PERMIT:
1/20/98	ADDRESS CITY:
1/20/98	COMMENTS:

SHEET
C2.1

RECEIVED
 MAY 29 1998
 CITY OF MILL CREEK

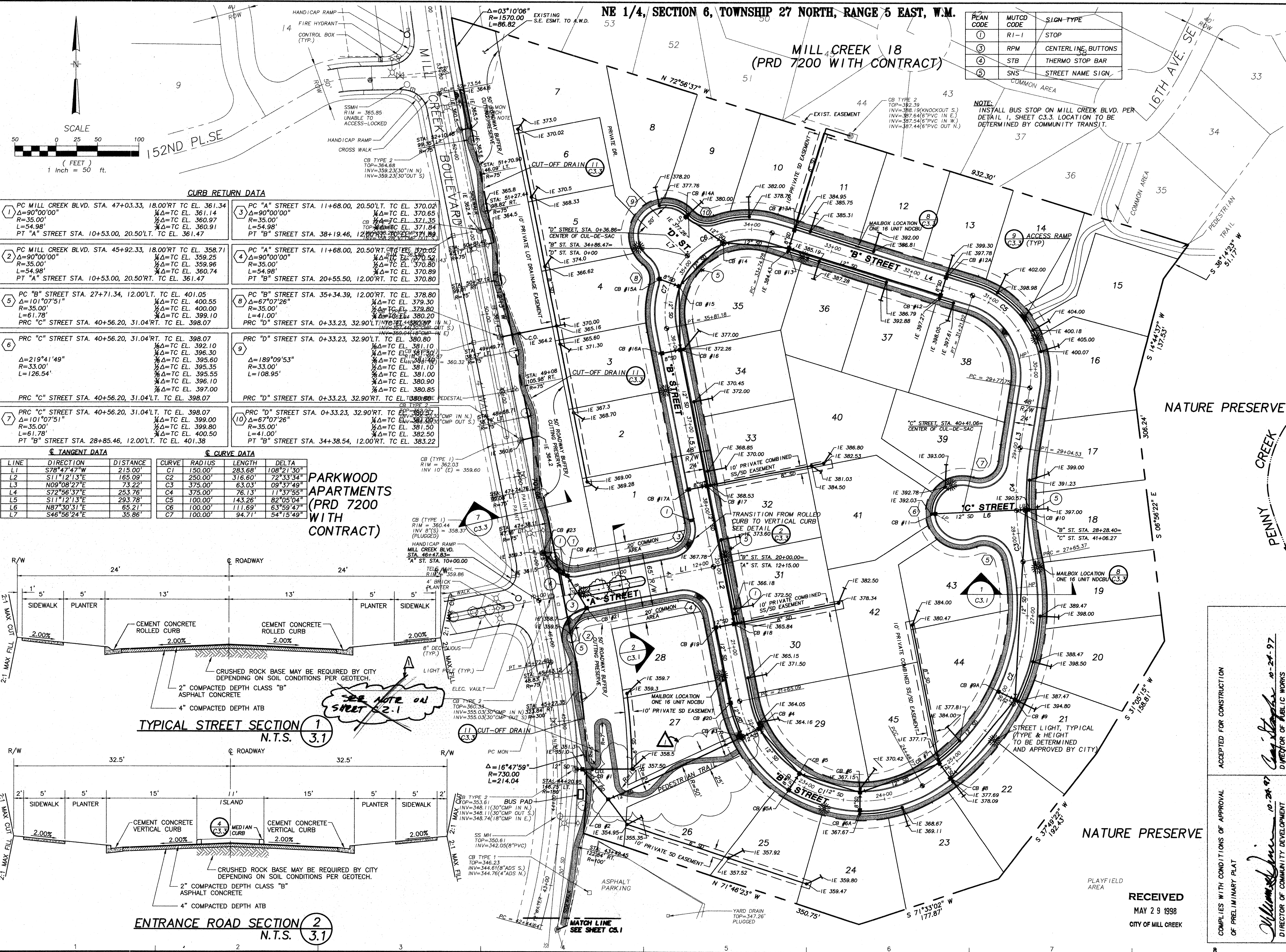
LAST EDIT: RAT-1/20/98
 PLOT DATE: 1/20/98
HDEV-065

ASPEN

NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.

PLAN CODE	MUTCD CODE	SIGN TYPE
1	RI-1	STOP
3	RPM	CENTERLINE, BUTTONS
4	STB	THERMO STOP BAR
5	SNS	STREET NAME SIGN

NOTE:
INSTALL BUS STOP ON MILL CREEK BLVD. PER
DETAIL 1, SHEET C3.3. LOCATION TO BE
DETERMINED BY COMMUNITY TRANSIT.



CURB RETURN DATA

1 PC MILL CREEK BLVD. STA. 47+03.33, 18.00'RT. TC EL. 361.34 Δ=90°00'00" R=35.00' L=54.98' PT "A" STREET STA. 10+53.00, 20.50'LT. TC EL. 361.47	3 PC "A" STREET STA. 11+68.00, 20.50'LT. TC EL. 370.02 Δ=90°00'00" R=35.00' L=54.98' PT "B" STREET STA. 38+19.46, 12.00'RT. TC EL. 370.80
2 PC MILL CREEK BLVD. STA. 45+92.33, 18.00'RT. TC EL. 358.71 Δ=90°00'00" R=35.00' L=54.98' PT "A" STREET STA. 10+53.00, 20.50'RT. TC EL. 361.47	4 PC "A" STREET STA. 11+68.00, 20.50'RT. TC EL. 370.02 Δ=90°00'00" R=35.00' L=54.98' PT "B" STREET STA. 20+55.50, 12.00'RT. TC EL. 370.80
5 PC "B" STREET STA. 27+71.34, 12.00'LT. TC EL. 401.05 Δ=101°07'51" R=35.00' L=61.78' PRC "C" STREET STA. 40+56.20, 31.04'RT. TC EL. 398.07	8 PC "B" STREET STA. 35+34.39, 12.00'RT. TC EL. 378.80 Δ=67°07'26" R=35.00' L=41.00' PRC "D" STREET STA. 0+33.23, 32.90'LT. TC EL. 380.80
6 PRC "C" STREET STA. 40+56.20, 31.04'RT. TC EL. 398.07 Δ=219°41'49" R=33.00' L=126.54' PRC "C" STREET STA. 40+56.20, 31.04'LT. TC EL. 398.07	9 PRC "D" STREET STA. 0+33.23, 32.90'LT. TC EL. 380.80 Δ=189°09'53" R=33.00' L=108.95' PRC "D" STREET STA. 0+33.23, 32.90'RT. TC EL. 380.80
7 PRC "C" STREET STA. 40+56.20, 31.04'LT. TC EL. 398.07 Δ=101°07'51" R=35.00' L=61.78' PT "B" STREET STA. 28+85.46, 12.00'LT. TC EL. 401.38	10 PRC "D" STREET STA. 0+33.23, 32.90'RT. TC EL. 380.80 Δ=67°07'26" R=35.00' L=41.00' PT "B" STREET STA. 34+38.54, 12.00'RT. TC EL. 383.22

TANGENT DATA

LINE	DIRECTION	DISTANCE
L1	S78°47'47"W	215.00'
L2	S11°12'13"E	165.09'
L3	N09°08'27"E	73.22'
L4	S72°56'37"E	253.76'
L5	S11°12'13"E	293.78'
L6	N87°30'51"E	65.21'
L7	S46°56'24"E	35.86'

CURVE DATA

CURVE	RADIUS	LENGTH	DELTA
C1	150.00'	283.68'	108°21'30"
C2	250.00'	316.60'	72°33'34"
C3	375.00'	63.03'	09°37'49"
C4	375.00'	76.13'	11°37'55"
C5	100.00'	143.26'	82°05'04"
C6	100.00'	111.69'	63°59'47"
C7	100.00'	94.71'	54°15'49"

PARKWOOD APARTMENTS (PRD 7200 WITH CONTRACT)

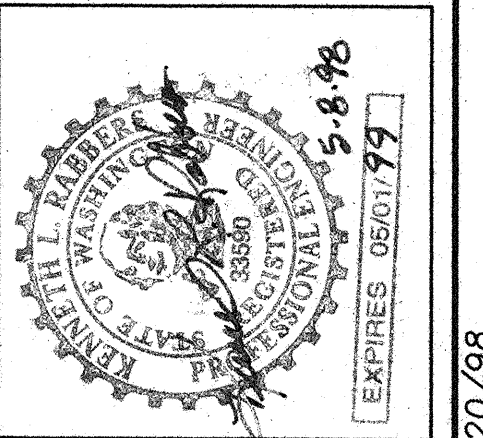
TYPICAL STREET SECTION 1 N.T.S. 3.1

ENTRANCE ROAD SECTION 2 N.T.S. 3.1

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UNITED DEVELOPMENT CORPORATION
MILL CREEK 22
ROAD & STORM PLAN

WASHINGTON
DRAWING FILE NAME: LMCRRS01.DWG
PROJECT NO: 3-3051-4901
MILL CREEK
SCALE: 1"=50'



ACCEPTED FOR CONSTRUCTION

COMPLIES WITH CONDITIONS OF APPROVAL OF PRELIMINARY PLAN

DESIGNED BY: MGG
DRAWN BY: RAT
DATE: 10/20/97
REVISION: 10/20/97
RAT
ADDRESS: CITY
ISSUED FOR PERMIT: 10/20/97
RAT
ADDRESS: CITY

CHECKED BY: MGG
APPROVED BY: [Signature]
DIRECTOR OF COMMUNITY DEVELOPMENT

10-24-97
10-24-97

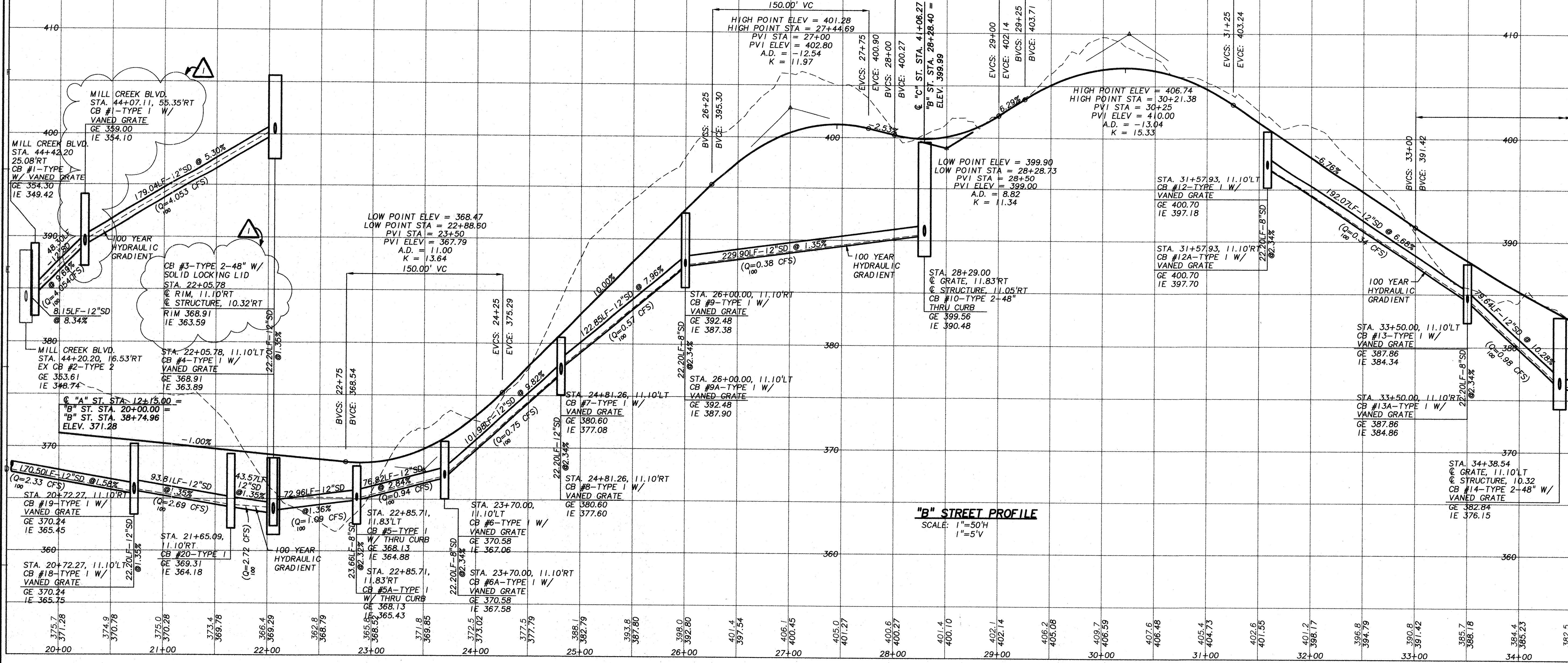
EXPIRES 06/01/99

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MAY 29 1998
CITY OF MILL CREEK

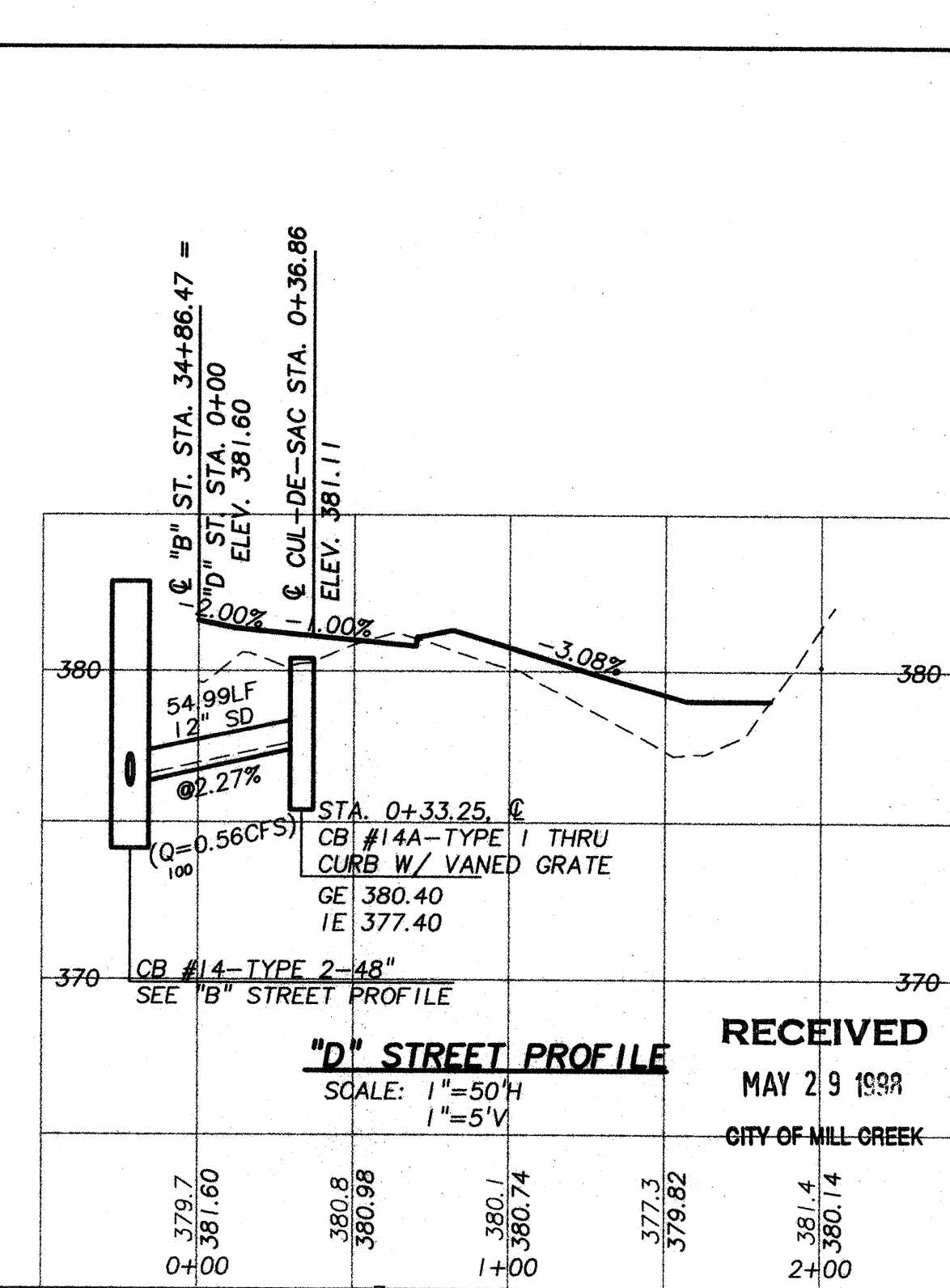
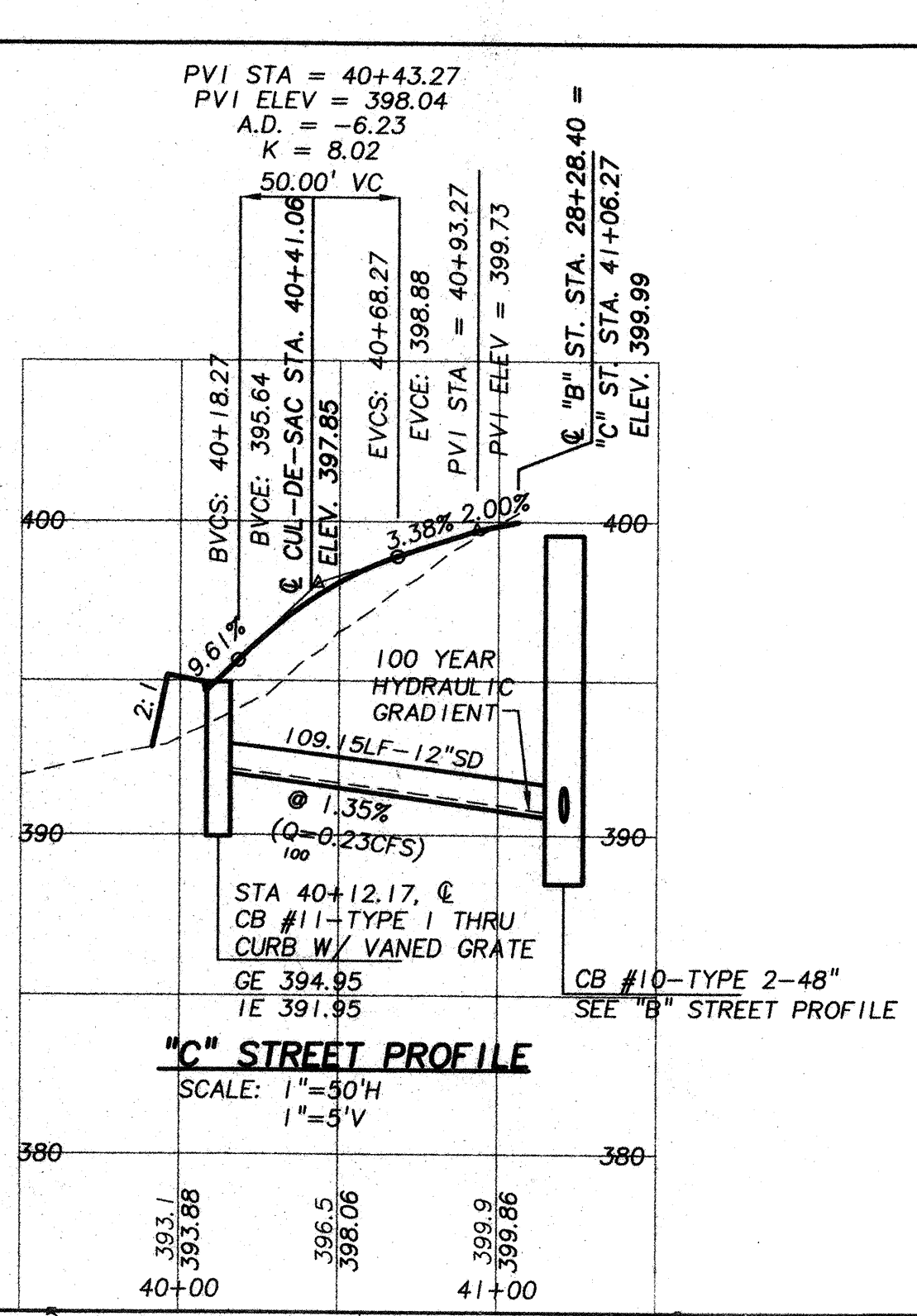
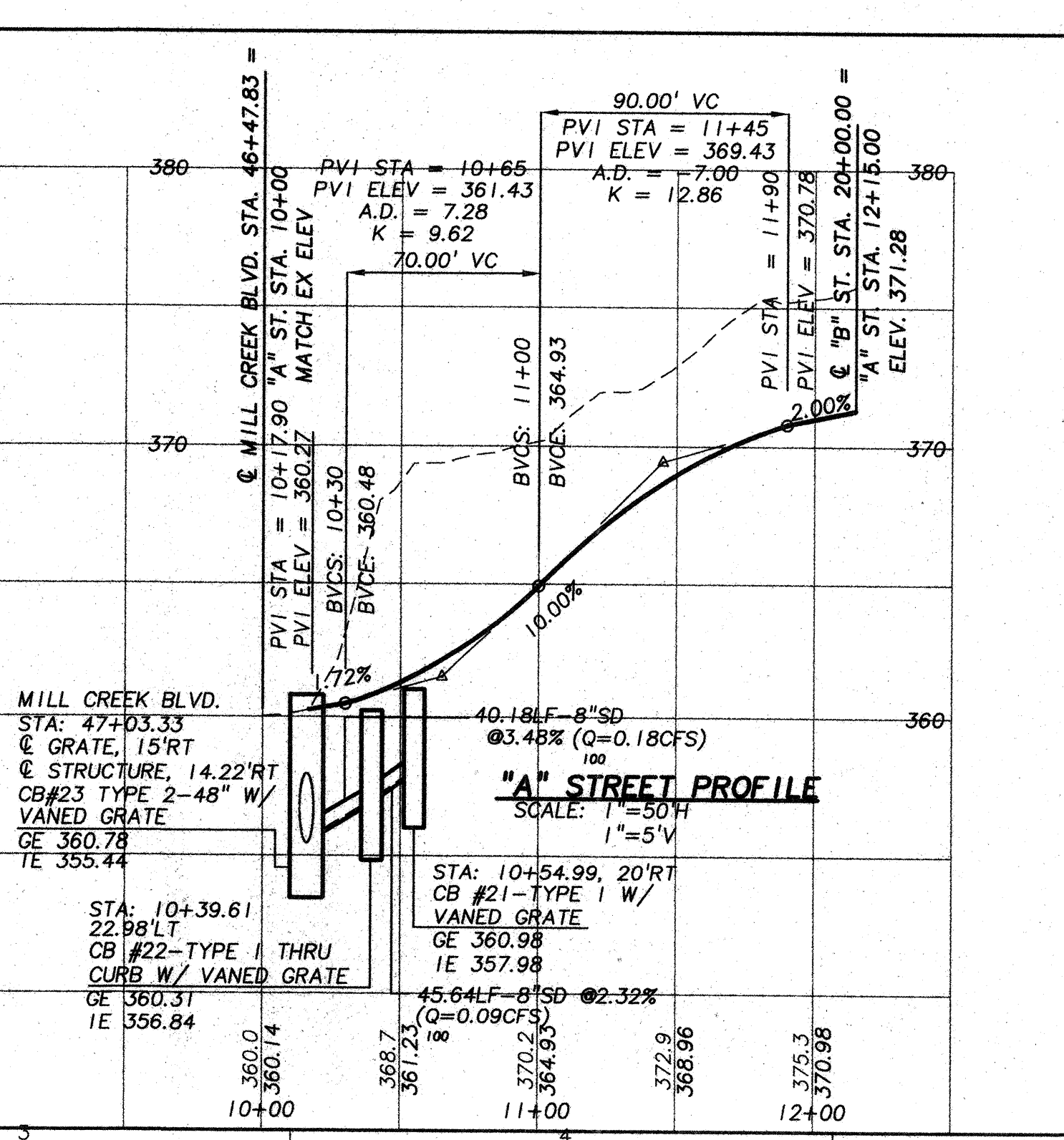
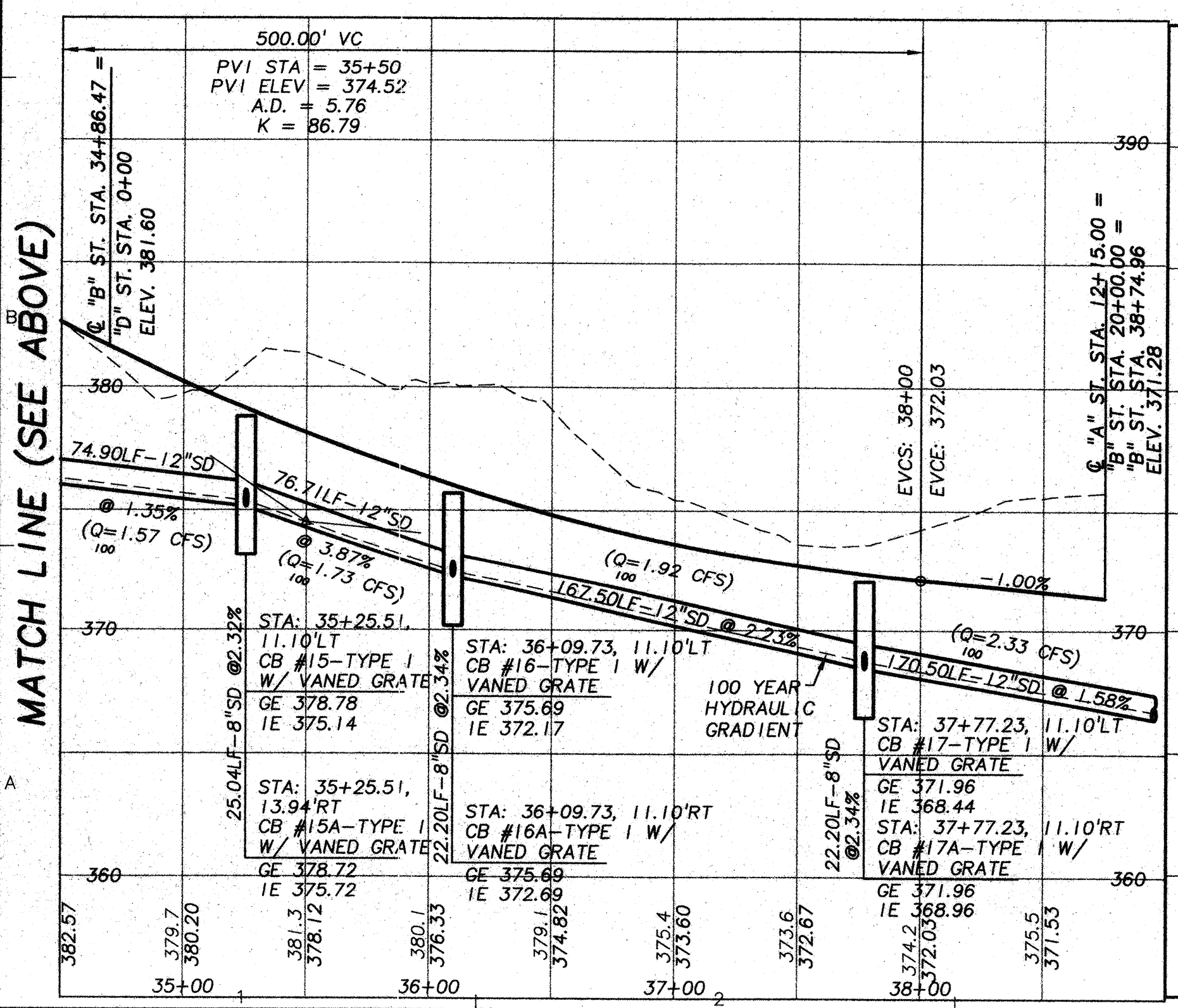
SHEET
C3.1

ASPEN HDEV-066

PLOT DATE: 1/20/98
LAST EDIT: RAT_1/20/98



MATCH LINE (SEE BELOW)



ACCEPTED FOR CONSTRUCTION

COMPLES WITH CONDITIONS OF APPROVAL OF PRELIMINARY PLAT

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MAY 29 1999
CITY OF MILL CREEK

William H. Johnson 10.04.97
DIRECTOR OF COMMUNITY DEVELOPMENT

Ray Stangor 8.24.97
DIRECTOR OF PUBLIC WORKS

DESIGNED BY: MGC
DRAWN BY: RAT
CHECKED BY: RAT
APPROVED BY: [Signature]

DATE	BY	REVISION	CK'D	APPR.
10/20/97	RAT	ADDRESS CITY		
10/20/97	RAT	ISSUED FOR PERMIT		
1/20/98	RAT	ADDRESS CITY		

SHEET
C3.2

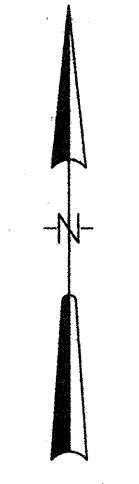
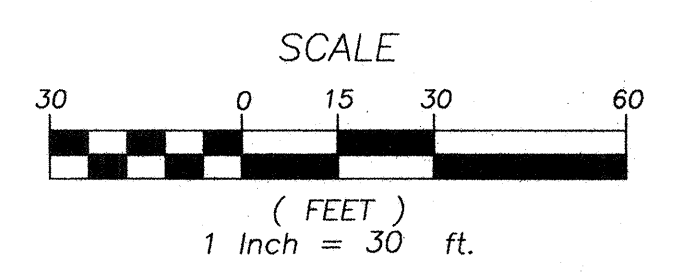
UNITED DEVELOPMENT CORPORATION
MILL CREEK 22
ROAD & STORM PROFILE

WASHINGTON
DRAWING FILE NAME:
LMCRRS01.DWG

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NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.

CB TYPE 2
TOP=348.25
INV=340.90(30"CMP IN N'LY)
INV=340.79(36"CMP OUT SE'LY)



EXISTING 36" CMP
CULVERT OUT
INV=338.44

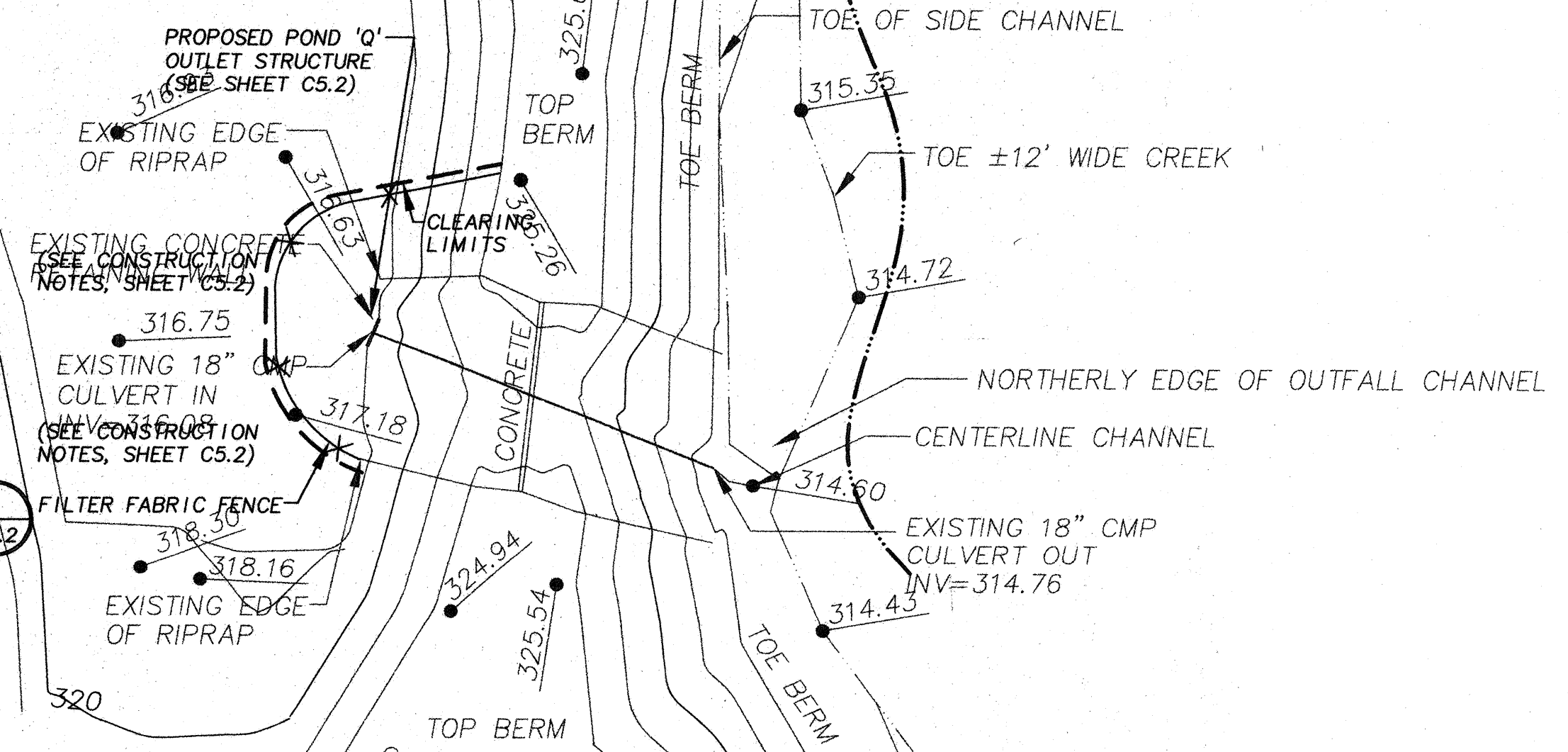
5 QUARRY SPALL AND
C5.2 GRAVEL FILTER "WINDOW"

2 CELL WETPOND
SURFACE AREA =
140'X58' = 8,120 SF
MIN. VOL = 27,007 CF

DEVENTION POND 'Q'

APPROXIMATE BOUNDARY
OF MITIGATION AREA PER
PLAN TO BE APPROVED BY
CITY OF MILL CREEK

PENNY CREEK



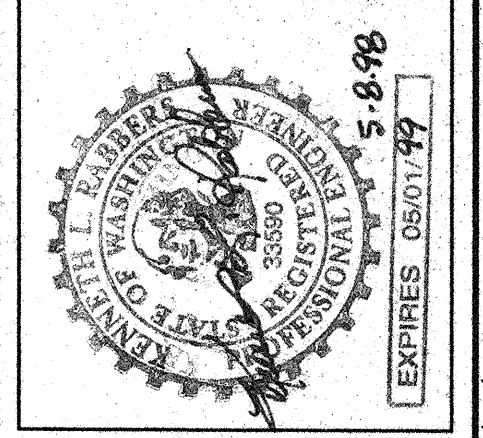
~~SEE NOTE ON SHEET C2.1~~

RECEIVED
MAY 29 1998
CITY OF MILL CREEK

COMPLIES WITH CONDITIONS OF APPROVAL OF PRELIMINARY PLAT		ACCEPTED FOR CONSTRUCTION	
DESIGNED BY: MGC	CHECKED BY: MGC	DATE: 10/20/97	BY: William A. Jimm
DRAWN BY: MGC	APPROVED BY: MGC	DATE: 10/20/97	BY: Craig Stepha
REVISION	ADDRESS CITY	ISSUED FOR PERMIT	ADDRESS CITY
10/20/97		10/20/97	
11/20/98		11/20/98	
COMMENTS		COMMENTS	

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UNITED DEVELOPMENT CORPORATION
 MILL CREEK 22
OFF-SITE STORM DRAINAGE POND "Q" PLAN
 WASHINGTON
 MILL CREEK
 DRAWING FILE NAME: LMCROS01.DWG
 PROJECT NO. 3-3051-4901
 SCALE: 1"=30'

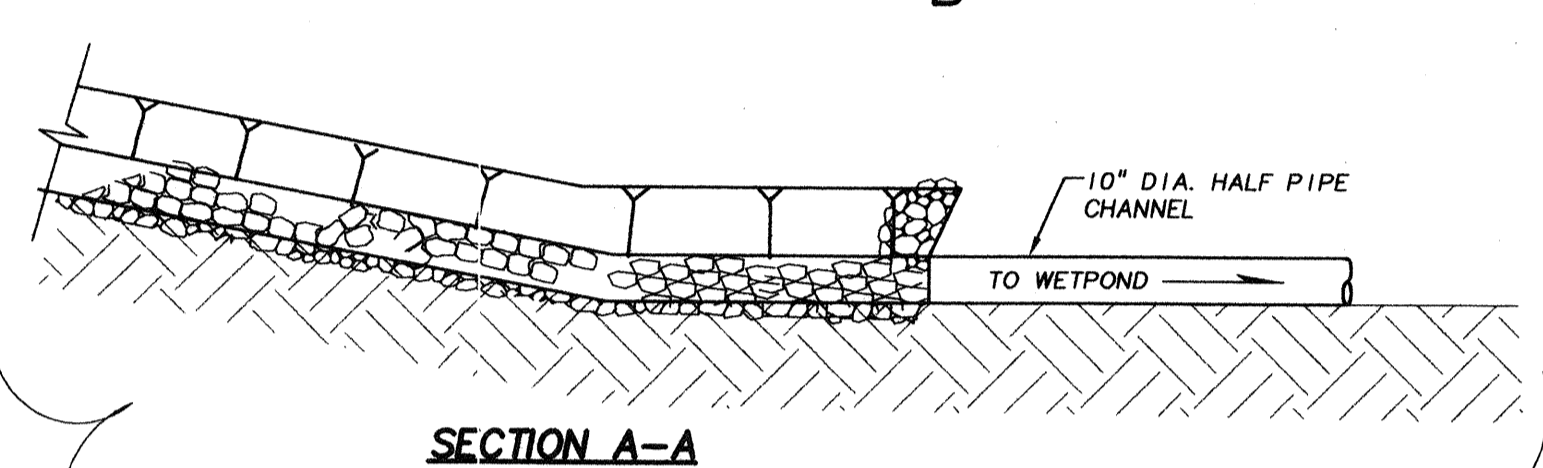
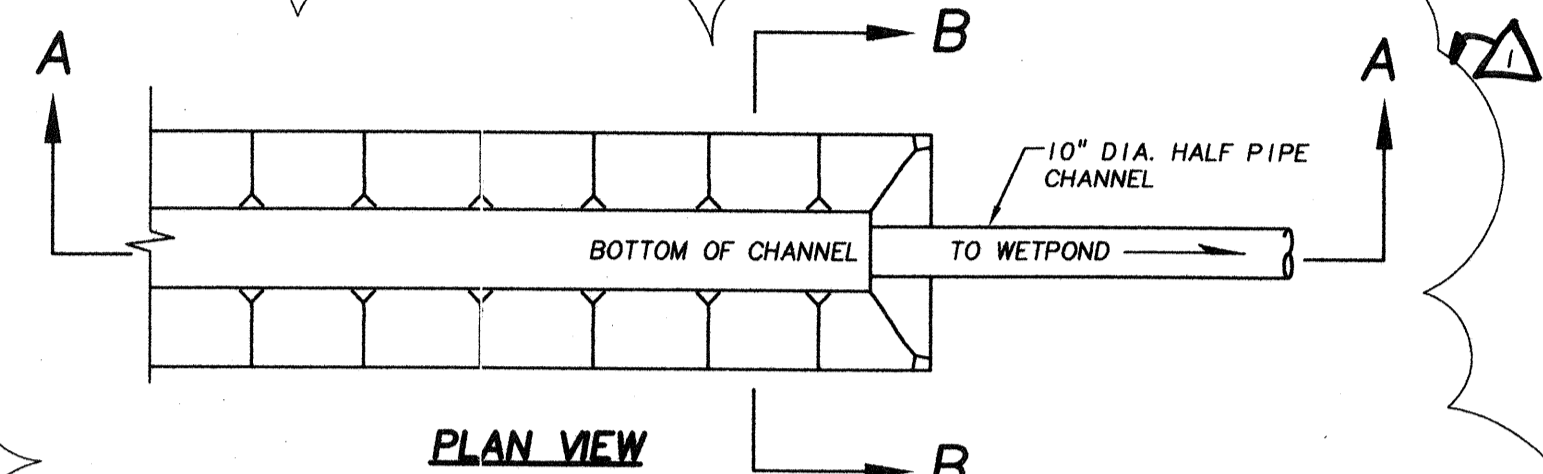
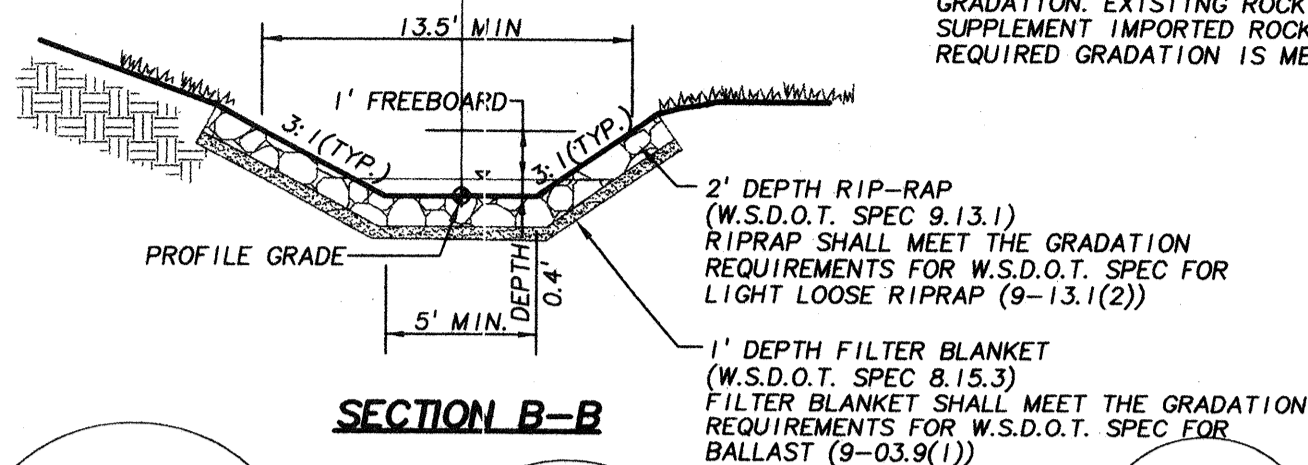


DESIGNED BY: MGC	CHECKED BY: MGC	DATE: 10/20/97	BY: William A. Jimm
DRAWN BY: MGC	APPROVED BY: MGC	DATE: 10/20/97	BY: Craig Stepha
REVISION	ADDRESS CITY	ISSUED FOR PERMIT	ADDRESS CITY
10/20/97		10/20/97	
11/20/98		11/20/98	
COMMENTS		COMMENTS	

SHEET
C5.1

NE 1/4, SECTION 6, TOWNSHIP 27 NORTH, RANGE 5 EAST, W.M.

- NOTES:**
- EXCAVATE AS REQUIRED TO CONSTRUCT TO NEW CHANNEL DIMENSIONS.
 - PLACE FILTER BLANKET IN ACCORDANCE WITH REQUIRED GRADATION. EXISTING ROCK MAY BE USED TO SUPPLEMENT IMPORTED ROCK, AS LONG AS REQUIRED GRADATION IS MET.
 - PLACE RIP-RAP IN ACCORDANCE WITH REQUIRED GRADATION. EXISTING ROCK MAY BE USED TO SUPPLEMENT IMPORTED ROCK, AS LONG AS REQUIRED GRADATION IS MET.



TYPICAL CHANNEL SECTION (1)
N.T.S. (5.2)

CONSTRUCTION SPECIFICATIONS FOR RIPRAP (1, 5.2 & 3, 5.2)

- THE SUBGRADE OF THE FILTER MATERIAL, GEOTEXTILE FABRIC OR RIPRAP SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS, VEGETATION, AND DEBRIS AND PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
- THE ROCK AND/OR GRAVEL USED FOR FILTER AND RIPRAP SHALL CONFORM TO THE SPECIFIED GRADATION.
- STONE FOR RIPRAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT DISPLACEMENT OF THE UNDERLYING MATERIALS. HAND PLACEMENT MAY BE REQUIRED TO PREVENT DAMAGE TO ANY PERMANENT STRUCTURES.
- STONES FOR RIPRAP SHALL BE ANGULAR OR SUBANGULAR. THE STONES SHOULD BE SHAPED SO THAT THE LEAST DIMENSION OF THE STONE FRAGMENT SHALL BE NOT LESS THAN ONE-THIRD OF THE GREATEST DIMENSION OF THE FRAGMENT. FLAT ROCKS SHALL NOT BE USED FOR RIPRAP.
- VOIDS IN THE RIPRAP SHOULD BE FILLED WITH SPALLS AND SMALLER ROCKS.

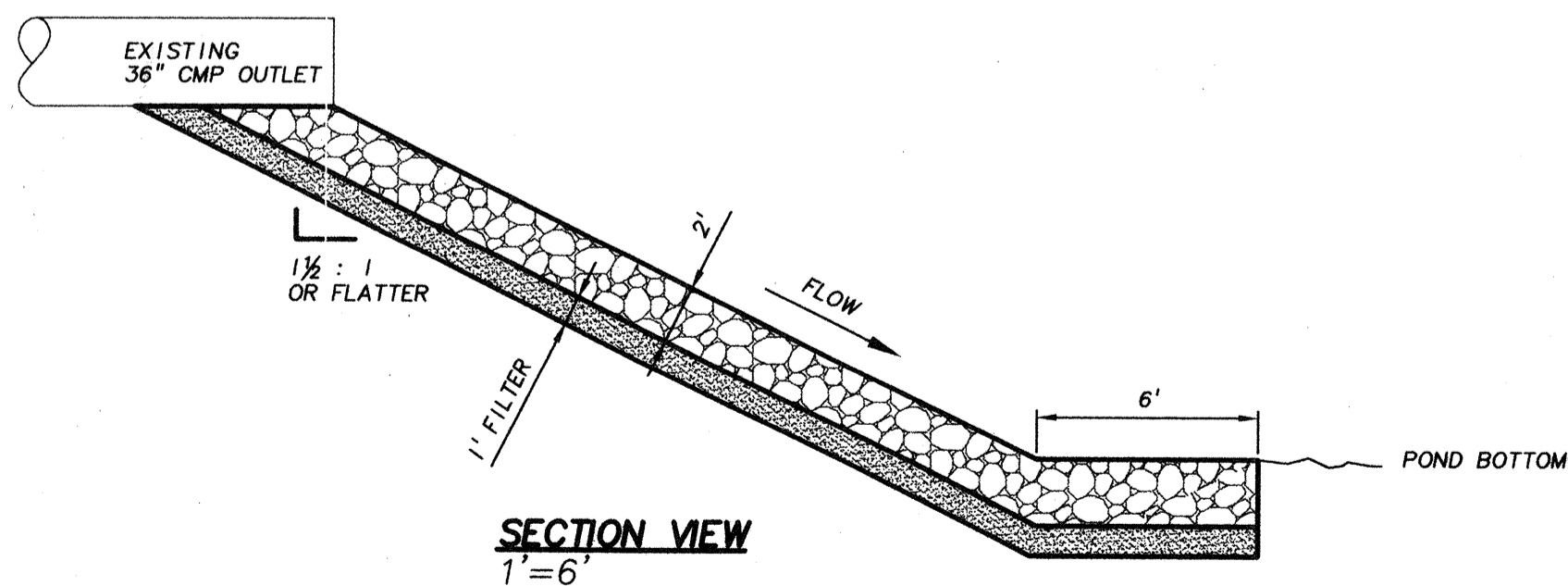
RIPRAP GRADATION

GRADATION TO CONFORM TO WSDOT STANDARD SPECIFICATIONS SECTION 9-13.1(2) 1996 USE LIGHT LOOSE RIP RAP 2 FEET THICK

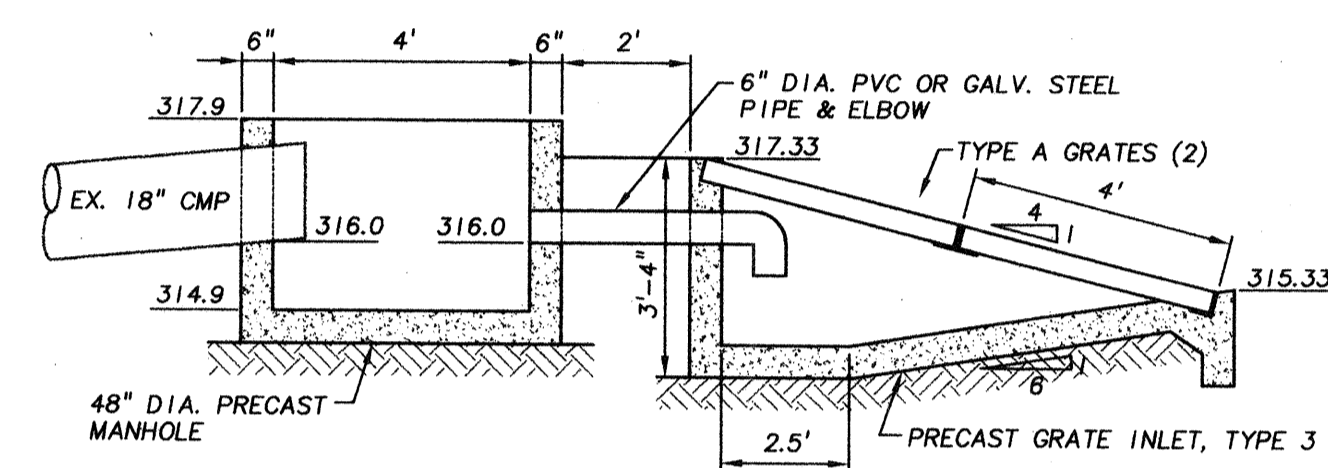
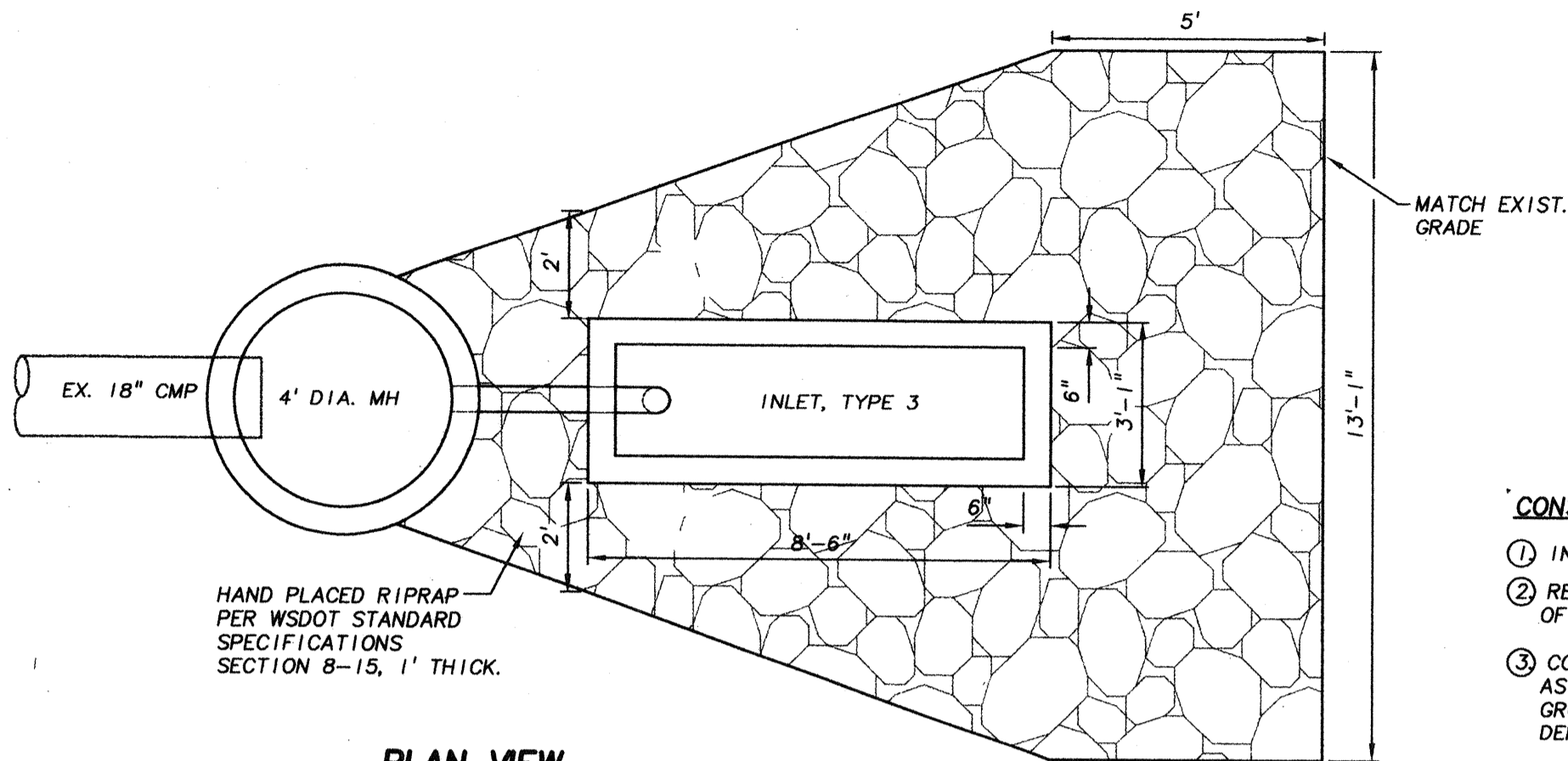
GRADATION:	SIZE RANGE	MAXIMUM SIZE
20% TO 90%	300 LBS TO 1 TON	
15% TO 80%	50 LBS TO 1 TON	
10% TO 20%	3 IN.	50 LBS. (SPALLS)

FILTER GRADATION

FILTER SHALL BE 1 FOOT THICK. GRADATION FOR FILTER SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS SECTION 9-03.9(1), BALLAST.



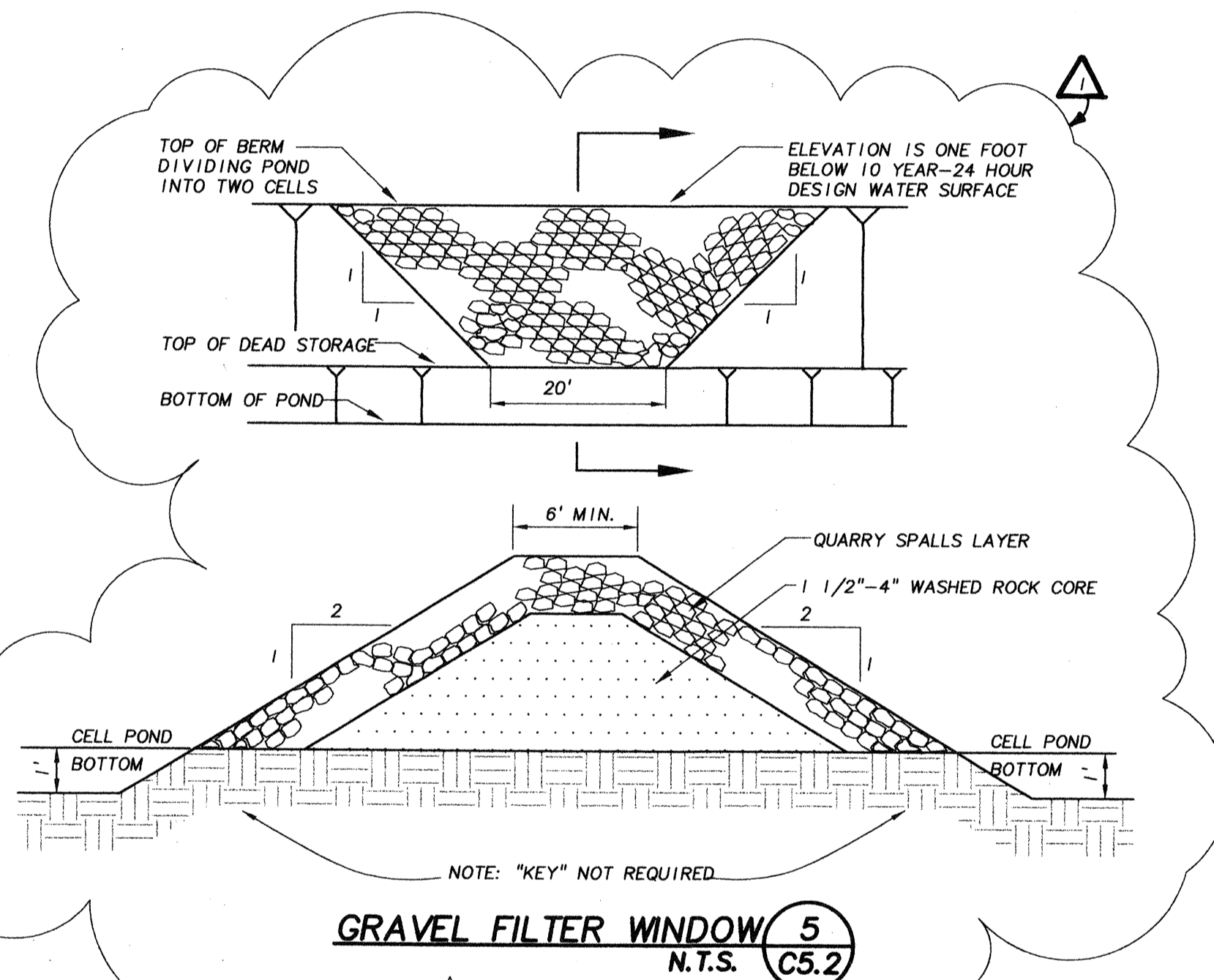
RIPRAP PROTECTION DETAILS (3)
1"=6' (5.2)



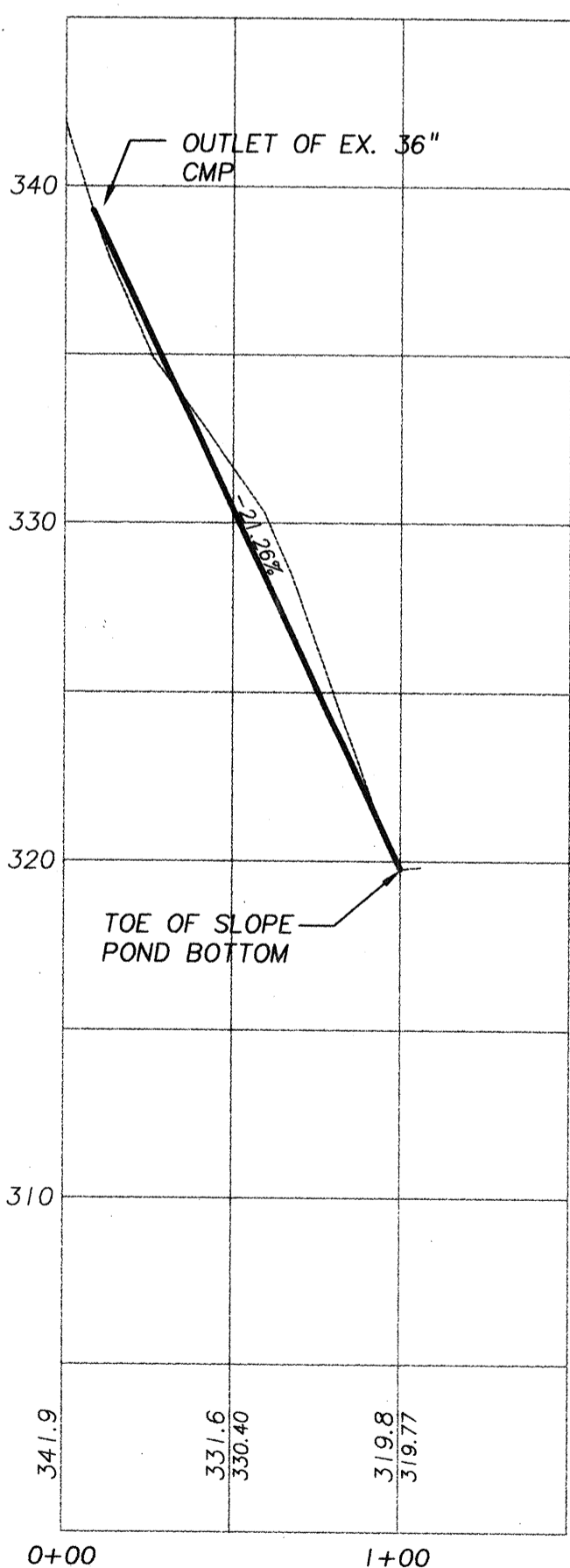
POND 'Q' OUTLET STRUCTURE DETAILS (2)
N.T.S. (5.2)

CONSTRUCTION NOTES

- INSTALL EROSION PROTECTION AS SHOWN ON SHEET C5.1
- REMOVE EXISTING HEADWALL AND APPROXIMATELY 4.3' OF EXISTING 18" CMP. WRAP END OF PIPE WITH FILTER FABRIC.
- CONSTRUCT PRECAST MANHOLE, GRATE INLET TYPE 3, AND 6" PIPE AS SHOWN. PRECAST UNITS SHALL BE PLACED ON FIRM, NATURAL GROUND OR STRUCTURAL FILL COMPACTED TO 95% OF RELATIVE DENSITY (MODIFIED PROCTOR).
- CONSTRUCT HAND PLACED RIPRAP AS SHOWN.
- AFTER CLEANUP, REMOVE EROSION PROTECTION AND REMOVE FILTER FABRIC FROM 18" CMP.



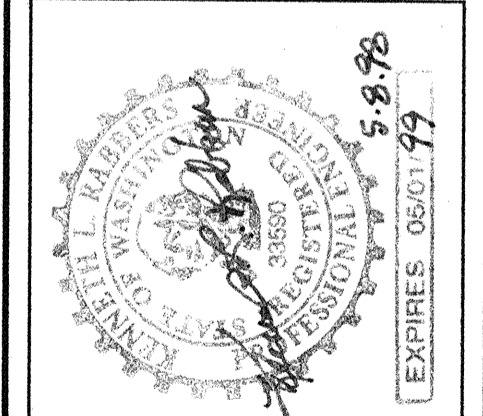
GRAVEL FILTER WINDOW (5)
N.T.S. (C5.2)



OUTLET CHANNEL PROFILE (4)
1"=50' HOR.
1"=5' VERT.
(SEE SHEET C5.1 FOR PLAN VIEW) (5.2)

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Landscape Architecture • Environmental Services

UNITED DEVELOPMENT CORPORATION
MILL CREEK 22
OFF-SITE STORM DRAINAGE POND "Q" DETAILS
MILL CREEK
WASHINGTON
PROJECT NO. 3-3051-4901
DRAWING FILE NAME: LMCROSDI.DWG
SCALE: AS NOTED



ACCEPTED FOR CONSTRUCTION
COMPLETION WITH CONDITIONS OF APPROVAL OF PRELIMINARY PLAN
MAY 29 1998
CITY OF MILL CREEK
MAY 29 1998
CITY OF MILL CREEK

DESIGNED BY: MGG
CHECKED BY: MGG
APPROVED BY: MGG

DATE: 10/20/97
BY: [Signature]
REVISION: [Signature]
ADDRESS: [Signature]
CITY: [Signature]
COMMENTS: [Signature]

DATE: 10/20/97
BY: [Signature]
REVISION: [Signature]
ADDRESS: [Signature]
CITY: [Signature]
COMMENTS: [Signature]

DESIGNED BY	CHECKED BY	APPROVED BY
MGG	MGG	MGG

DATE	BY	REVISION	CK'D	APPR
10/20/97	RAT	ADDRESS		
10/20/97	RAT	COMMENTS		
10/20/97	RAT	ISSUED PERMIT		
10/20/97	RAT	ADDRESS		
10/20/97	RAT	COMMENTS		

SHEET C5.2

RECEIVED
MAY 29 1998
CITY OF MILL CREEK

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