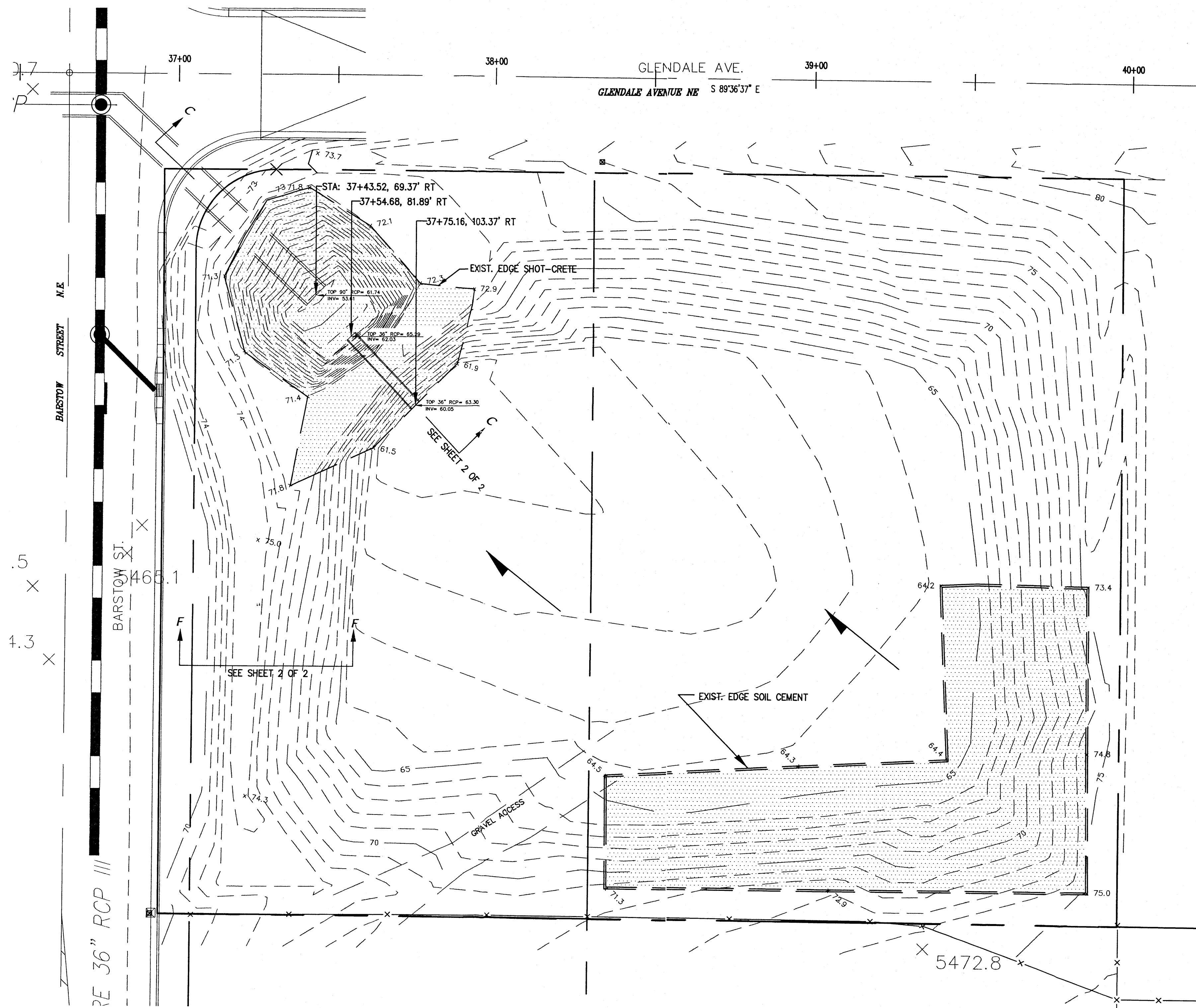
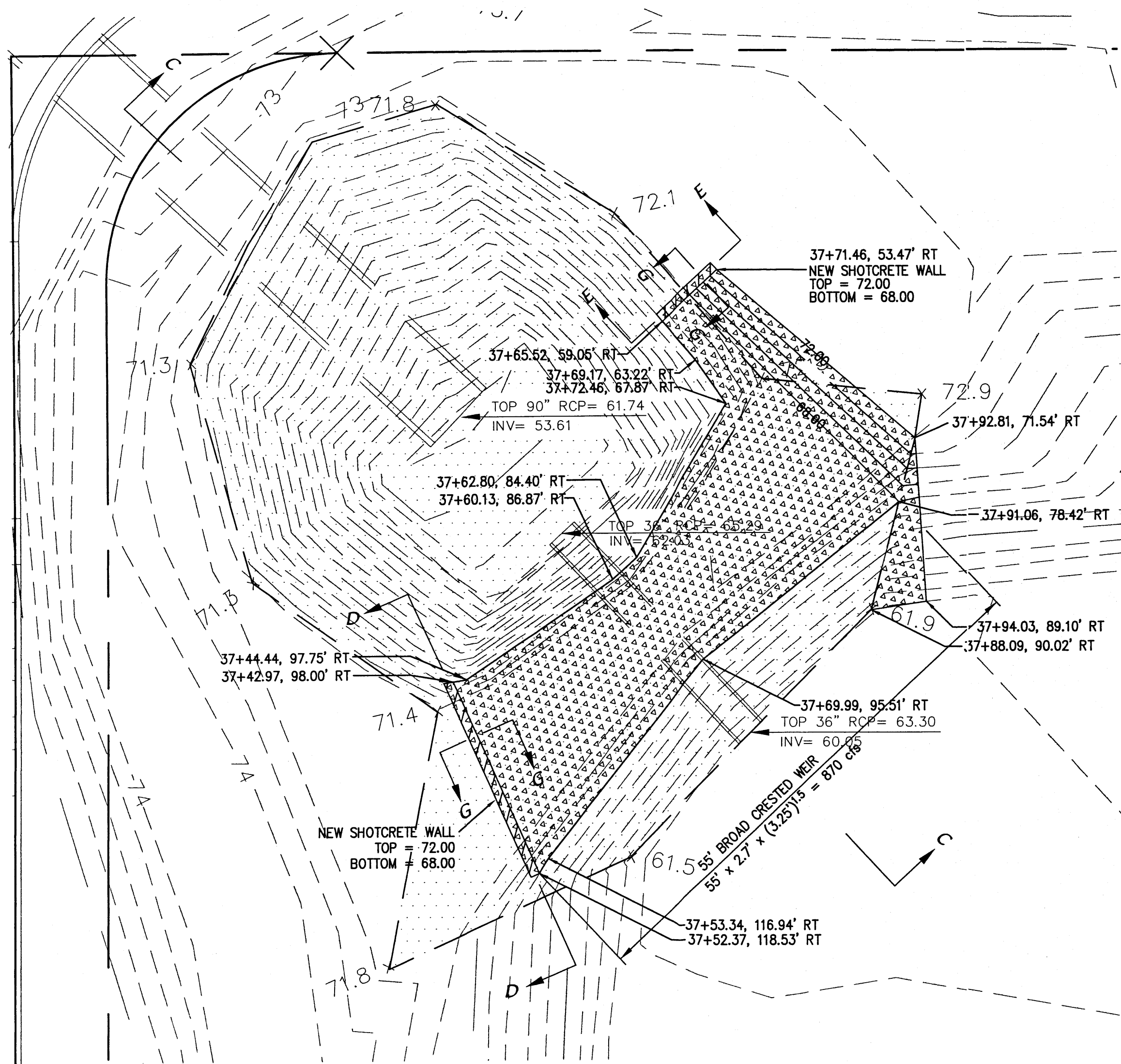
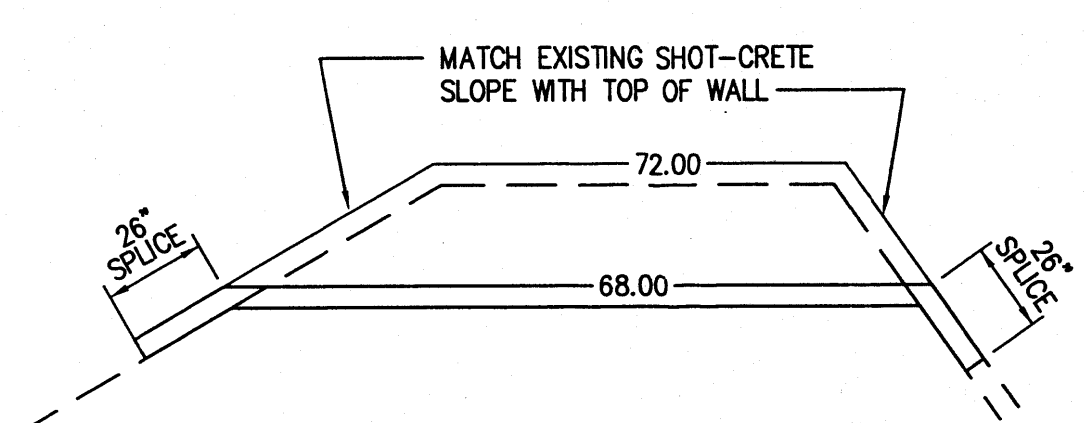




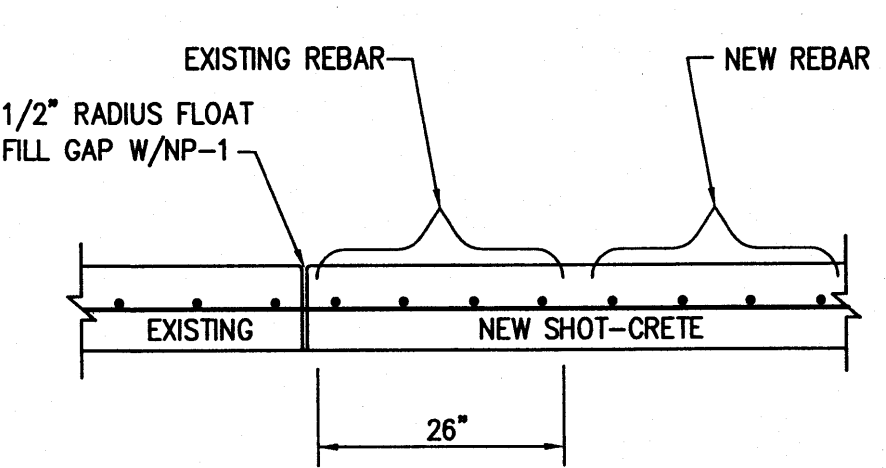
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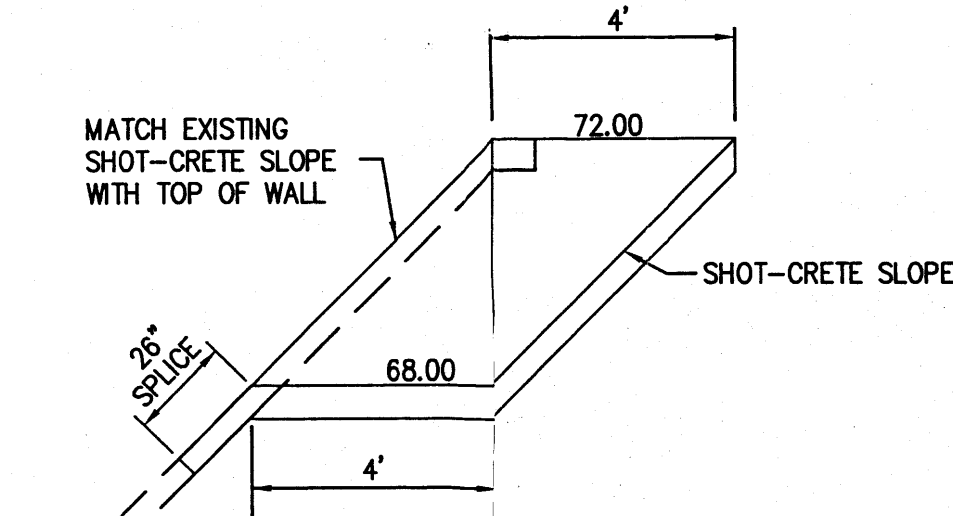
NEW SHOTCRETE PLACEMENT
1" = 10'



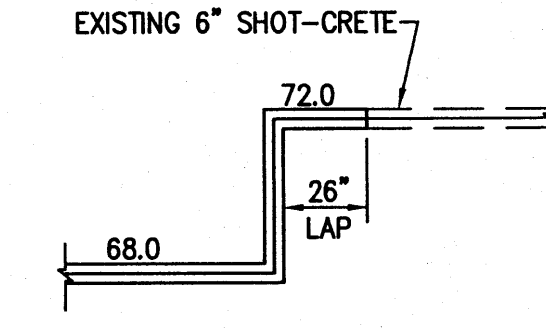
SECTION D-D
NEW SHOT-CRETE WALL
NTS



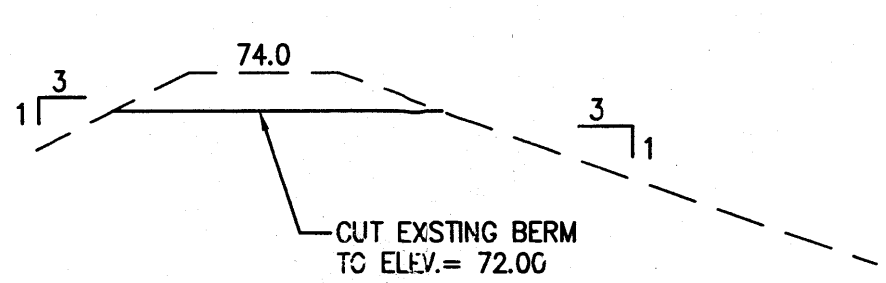
SHOT-CRETE REPLACEMENT DETAIL
NTS



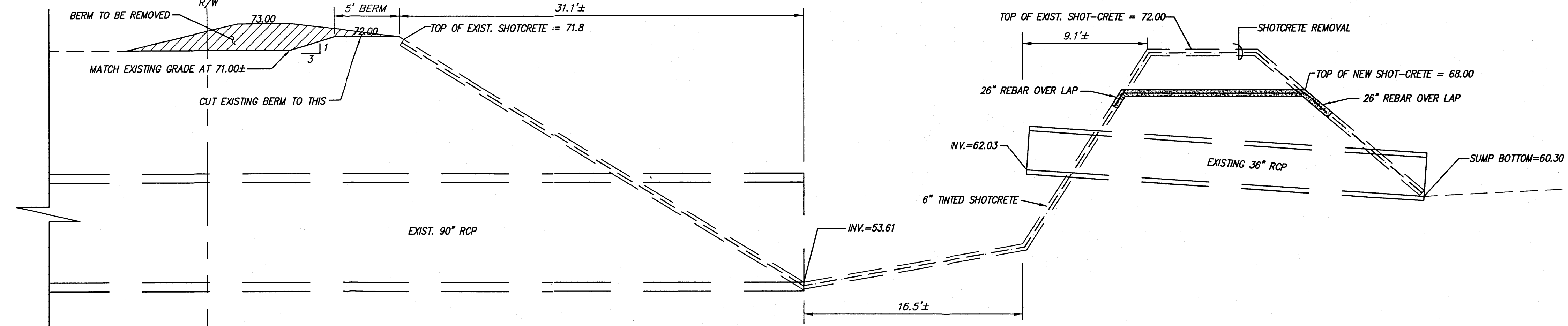
SECTION E-E
NEW SHOT-CRETE WALL
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TYPICAL WALL SECTION G-G
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SECTION F-F
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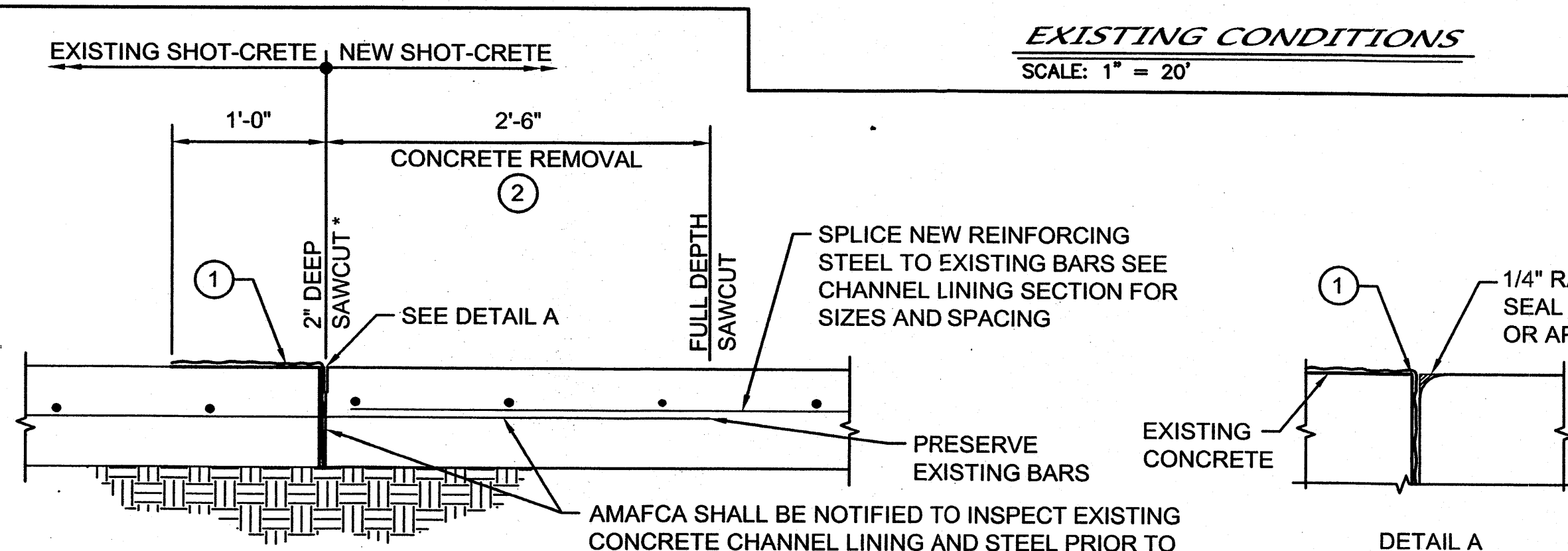
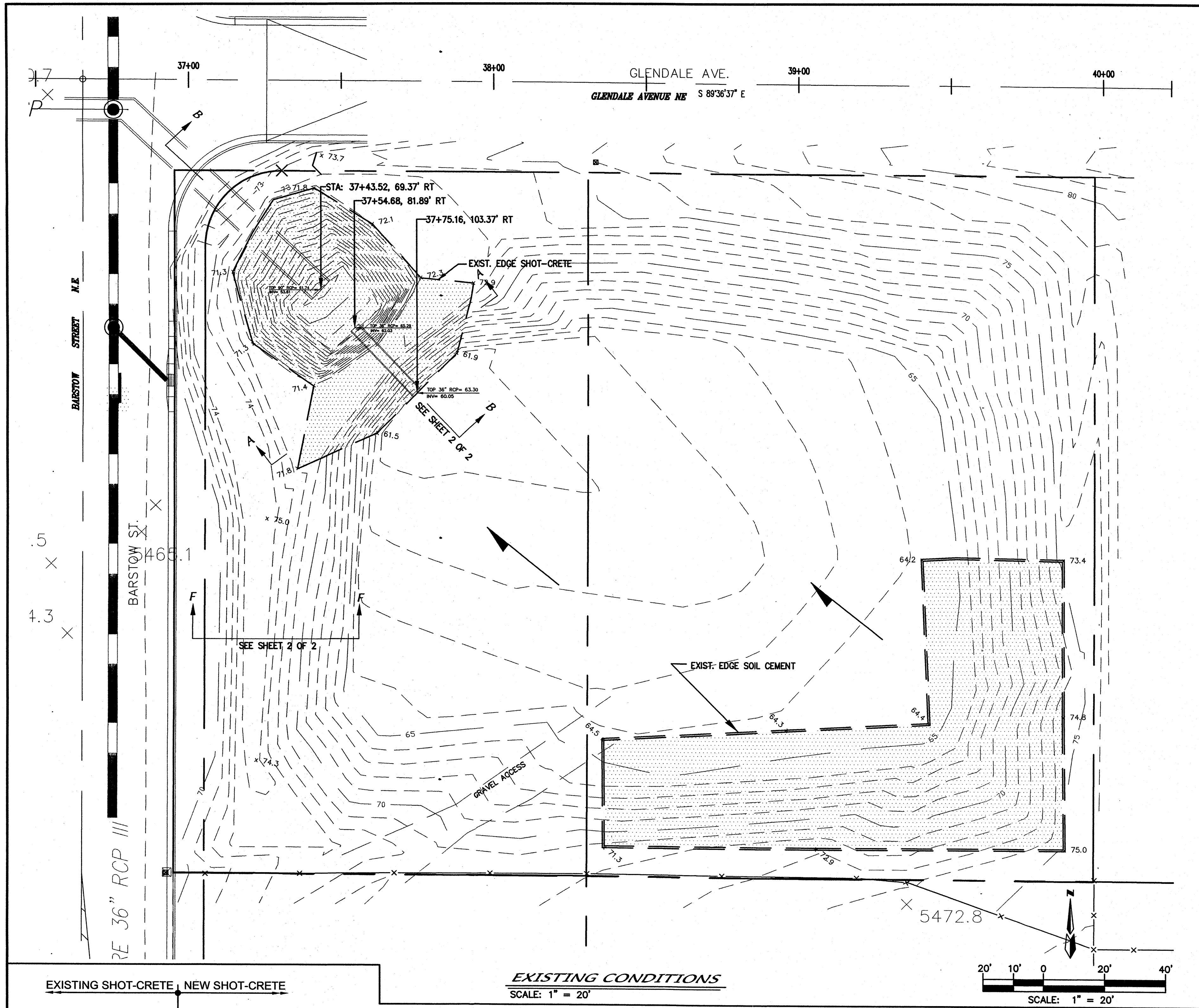


SECTION C-C
SCALE: = 1" = 5' H, 5' V.

AS BUILT VOLUME CALCULATIONS					
ELEVATION (FT)	PLANIMETER (SQ.IN.)	AREA (ACRES)	A1+A2+sq(A1*A2) (ACRES)	*VOLUME (ACRE-FT)	VOLUME SUM (ACRE-FT)
61.00	1,838.00	0.04	0.00	0.00	0.00
62.00	8,184.00	0.19	0.32	0.11	0.11
63.00	14,808.00	0.34	0.78	0.26	0.37
64.00	20,723.00	0.48	1.22	0.41	0.77
65.00	26,551.00	0.61	1.62	0.54	1.31
68.00	33,750.00	0.77	2.07	2.07	3.39
72.00	49,149.00	1.13	2.84	3.78	7.17

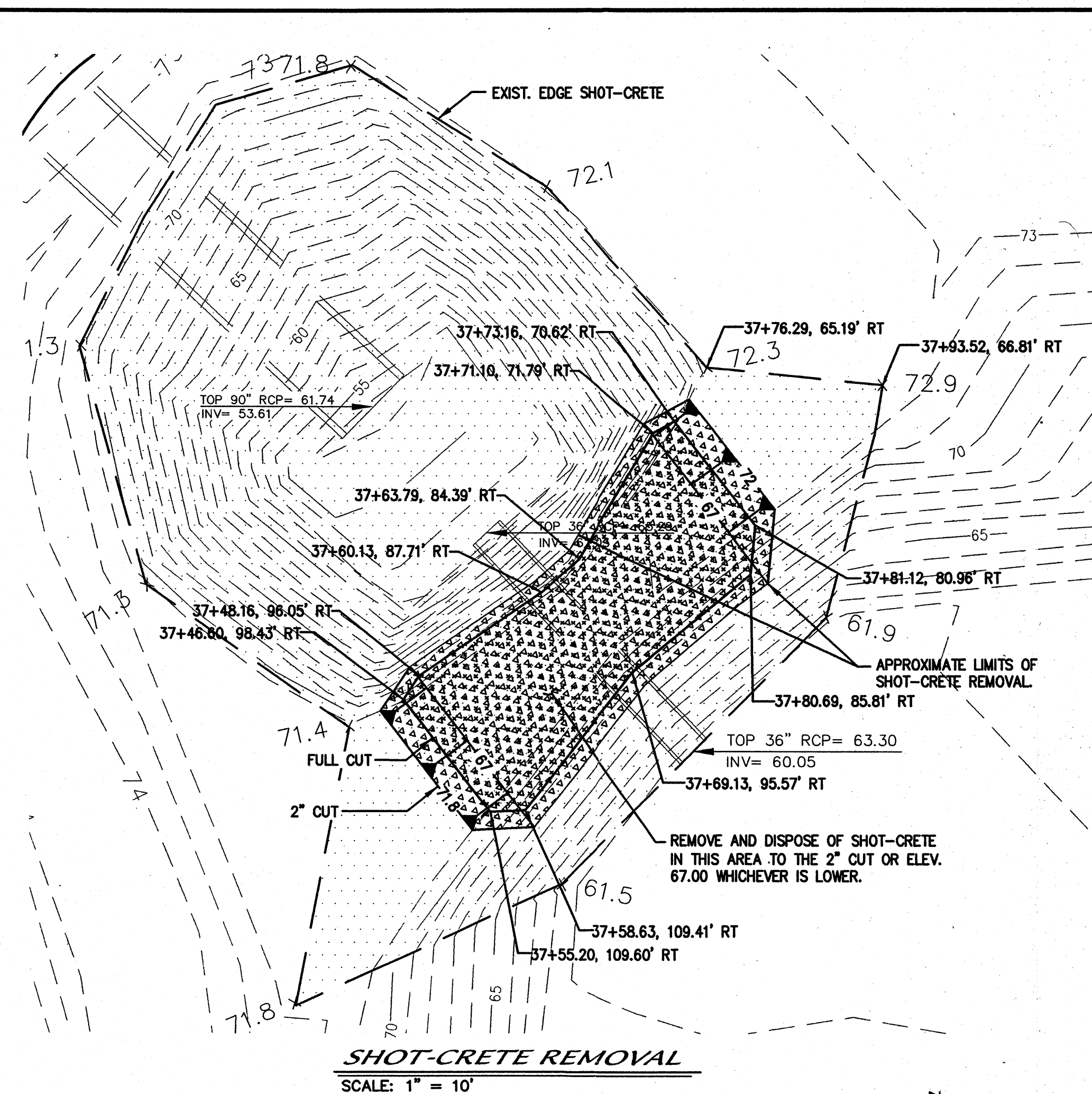
* INCREMENTAL VOLUME COMPUTED BY THE CONIC METHOD FOR RESERVOIR VOLUMES.
VOLUME = (1/3) * (EL2-EL1) * (AREA1 + AREA2 + SQ. RT. (AREA1*AREA2))
WHERE: EL1, EL2 = LOWER AND UPPER ELEVATIONS OF THE INCREMENT
AREA1, AREA2 = AREAS COMPUTED FOR EL1, EL2, RESPECTIVELY
VOLUME = INCREMENTAL VOLUME BETWEEN EL1 AND EL2

CONTRACTOR		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE	
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL		REVISIONS		DESIGN		DATE		DATE	
ACS Brass Cap stamped "1-800"		Located in the northeast quadrant of the intersection of Modesto Ave. N.E. and Barstow St. N.E.; approximately 30' north from the centerline of Modesto Ave. N.E. and approximately 30' east from the centerline of Barstow St. N.E.;		Geographic Position (NAD 1983) in feet		N.M. State Plane Coordinates (Central Zone)		X=10,237.56 Y=1,524,092.46		Elevation=5474.533, NGVD29, in feet		NO.		BY		DATE	
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KEYED NOTES

1. EUCO ARC LITHIUM NITRATE COATING OR APPROVED EQUAL APPLIED TO VERTICAL SURFACE AND 12\"/>
2. REMOVAL OF CONCRETE ADJACENT TO THE 2\"/>



- EXISTING SHOT-CRETE
- REMOVED SHOT-CRETE
- NEW SHOT-CRETE

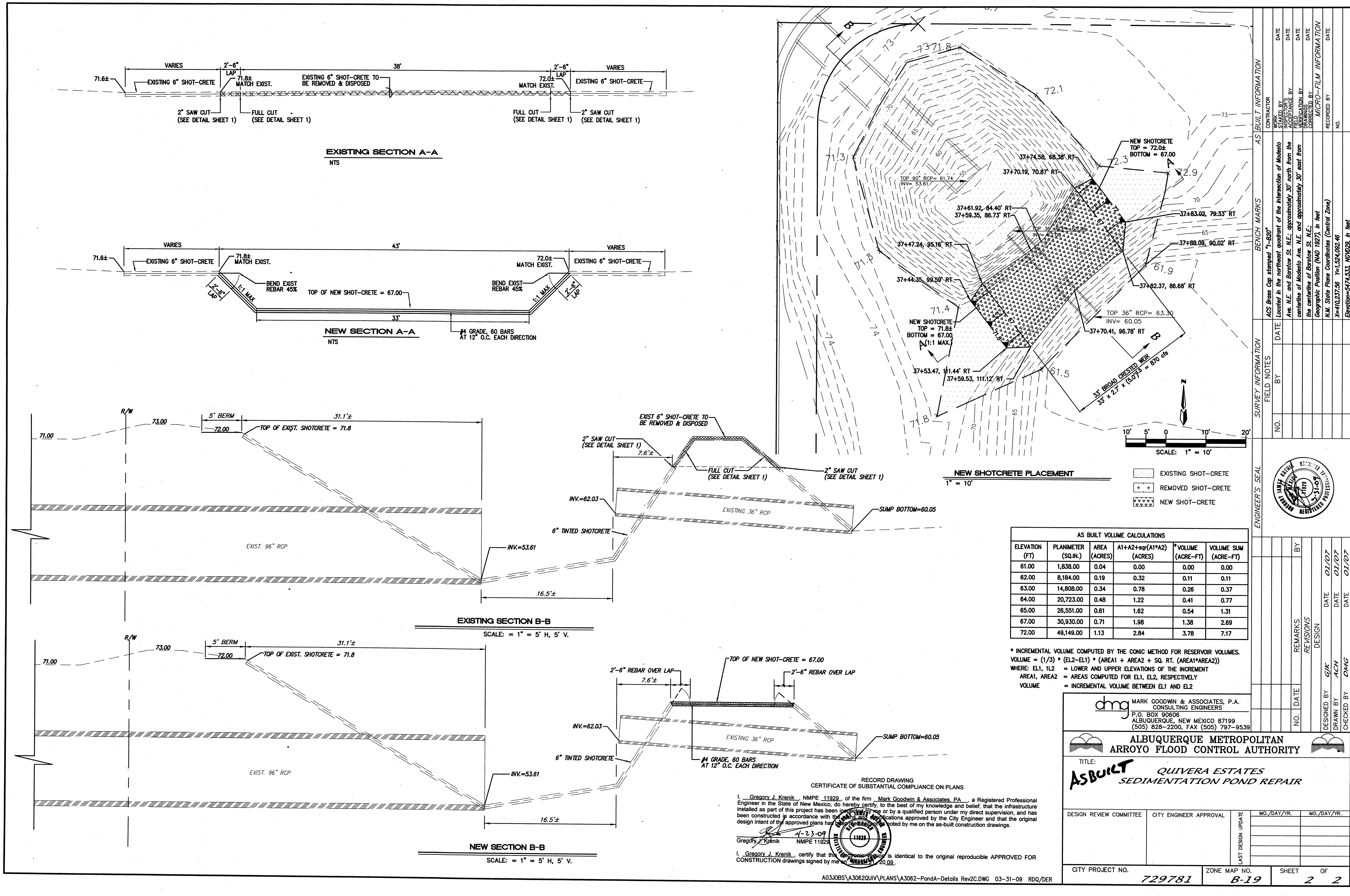
RECORD DRAWING CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been substantially followed as noted by me on the as-built construction drawings.

Gregory J. Krenik NMPE 11929 4-23-09 11929

I, Gregory J. Krenik, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 4/23/09.

dmg MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505) 828-2200, FAX (505) 797-9539		DESIGNED BY <u>GJK</u> DATE <u>06/07</u> DRAWN BY <u>RDQ</u> DATE <u>06/07</u> CHECKED BY <u>DMG</u> DATE <u>06/07</u>	
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY			
TITLE: ASBUILT QUIVERA ESTATES SEDIMENTATION POND REPAIR			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
LAST DESIGN UPDATE			
CITY PROJECT NO.	ZONE MAP NO.	SHEET OF	
729781	B-19	1 2	



AS BUILT VOLUME CALCULATIONS					
ELEVATION (FT)	PLANIMETER (SQ. IN.)	AREA (ACRES)	A1+A2+sq(A1*A2) (ACRES)	* VOLUME (ACRE-FT)	VOLUME SUM (ACRE-FT)
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64.00	20,723.00	0.48	1.22	0.41	0.77
65.00	26,551.00	0.61	1.62	0.54	1.31
67.00	30,930.00	0.71	1.98	1.38	2.69
72.00	49,149.00	1.13	2.84	3.78	7.17

* INCREMENTAL VOLUME COMPUTED BY THE CONIC METHOD FOR RESERVOIR VOLUMES.
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Gregory J. Krenik NMPE 11929
I, Gregory J. Krenik, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 4-23-09.

AS BUILT INFORMATION

CONTRACTOR
AKS Brass Cop stamped "1-820"

DATE
01/07

INSPECTOR'S
DATE
01/07

STAMPED BY
DATE
01/07

FIELD BY
DATE
01/07

VERIFICATION BY
DATE
01/07

CORRECTED BY
DATE
01/07

MICRO-FILM INFORMATION
RECORDED BY
DATE
01/07

NO.
01/07

SURVEY INFORMATION

FIELD NOTES
NO.

DATE
01/07

BY
G/K

ENGINEER'S SEAL

REMARKS
DESIGN

NO.

DATE
01/07

DESIGNED BY
G/K

DRAWN BY
ACH

CHECKED BY
DMG

DATE
01/07

AS BUILT

QUIVERA ESTATES
SEDIMENTATION POND REPAIR

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.
729781

ZONE MAP NO.
B-19

SHEET
2

OF
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