69.0

68.24

WATER VALVE

STREET

SAS MANHOLE

EL. = 5168.06'
INV. = 5158.11'

HDKOHA

67.73

66.72

69.68

69.01

B.C. = 66.53
F.L. = 65.86

34

FP = 68.0

ACACIA

5165

EDGE OF ASPHALT

5165

5165

BOTTOM = 61.0

NG = 63.03

B.C. = 62.10
F.L. = 61.54

NG = 64.05

TELEPHONE BOX

=62.90
=68.70

1

NG = 63.24
TW = 68.58

14400 N

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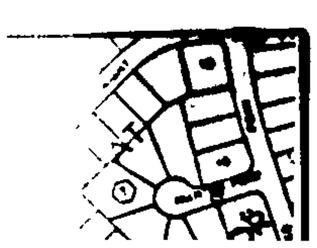
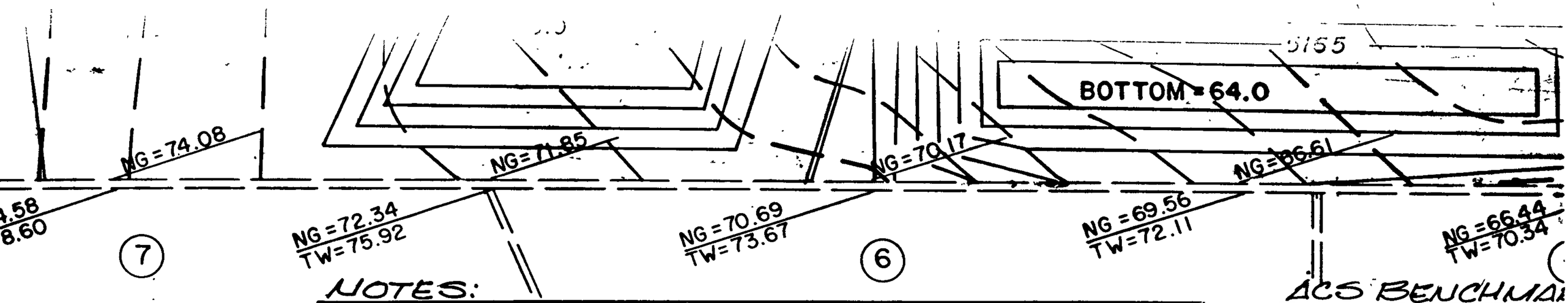
LEGAL DESCRIPTION



Scale: 1" = 20'

LOTS 15-34, BLOCK 7, AND LOTS 1-8, BLOCK 9, UNIT 4, VOLCANO CLIFFS SUBDIVISION.



N

40 60

1" = 20'

NOTES:

1. ALL ROOF AREA SHALL DRAIN TO STREET.
2. FILL SHALL BE COMPACTED TO 95% RELATIVE COMPACTION (ASTM D-1557-MODIFIED)
3. ALL DISTURBED AREAS NOT PAVED SHALL BE SEEDED IN ACCORDANCE WITH REVISED SECTION 1011-SEEDING, SHEETS STS-13, STS-14, AND STS-15 IN EFFECT ON THIS DATE.
4. SITE DOES NOT LIE IN NOR CONTRIBUTE TO, THE 100 YEAR FLOOD ZONE.
5. CONTRACTOR MUST SECURE TOPSOIL DISTRIB. PERMIT.

AVERAGE LOT SIZE = 0.29 ACRES
AVERAGE REAR YARD SIZE = 0.13 ACRES

WATER COLLECTED IN REAR YARDS
$V = CdA = 0.6\left(\frac{43}{12}\right)(.13) = 0.03$ AC. FT.
$V_R = 1{,}307\ FT^3$

WATER DRAINED TO FRONT
$V = 0.85\left(\frac{43}{12}\right)(0.16) = 0.049$ AC. FT.
$V_F = 2{,}123\ FT^3$

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ACS BENCHMA

ACS 13-D10: THE
INTERSECTION
ROAD. IT IS A
1986".
X = 361072.73,

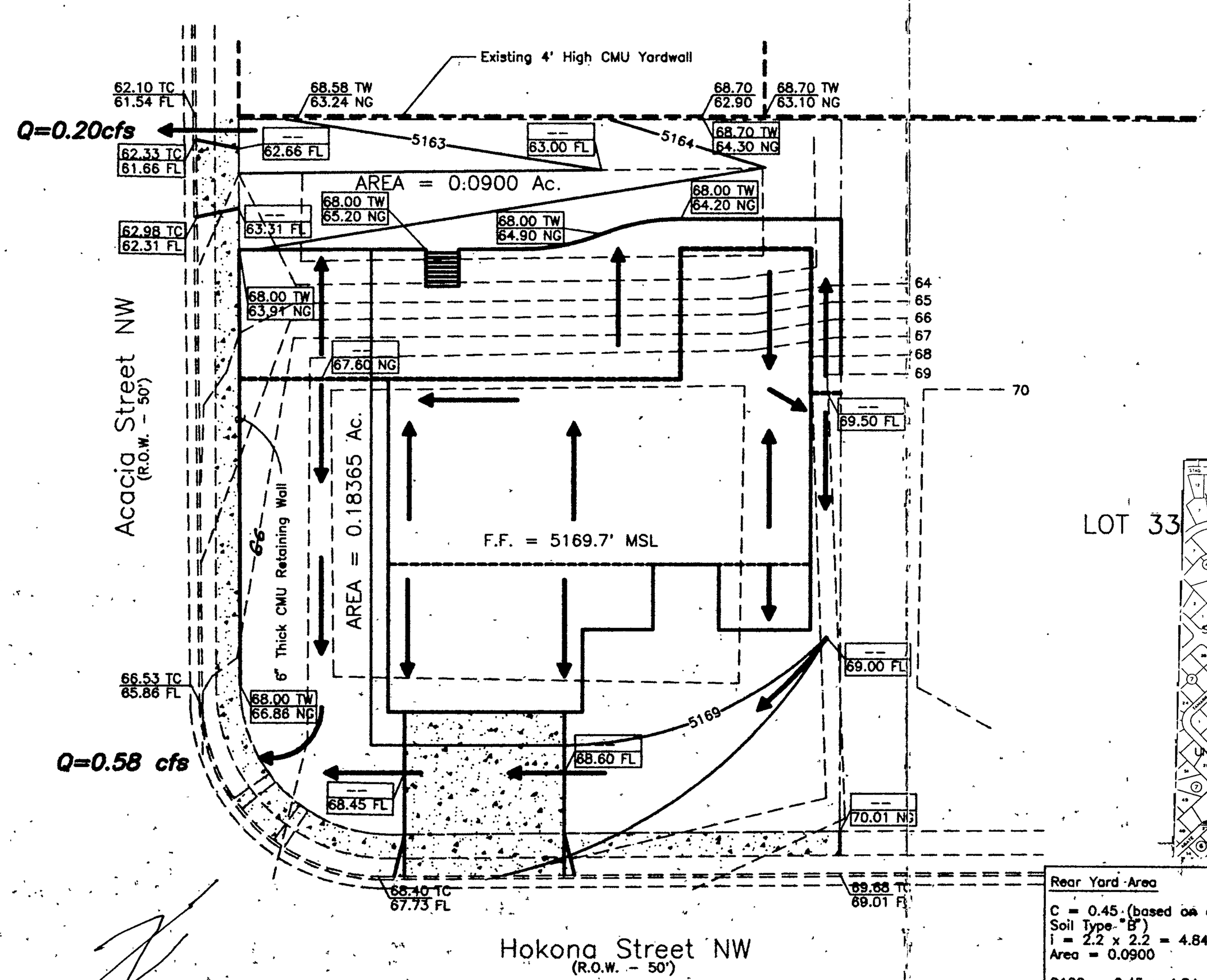
TBM (TEMPOR

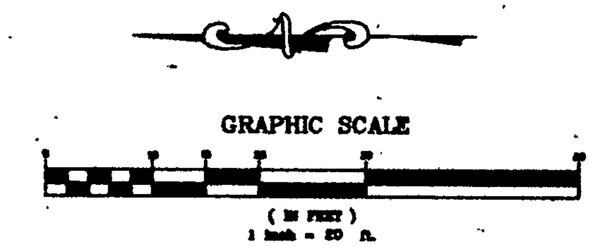
SAS MANHOLE
ACACIA N. KI. &
RIM ELEV = 516

HYDROLOGY APPROVAL
ROUGH GRADING ± 1'

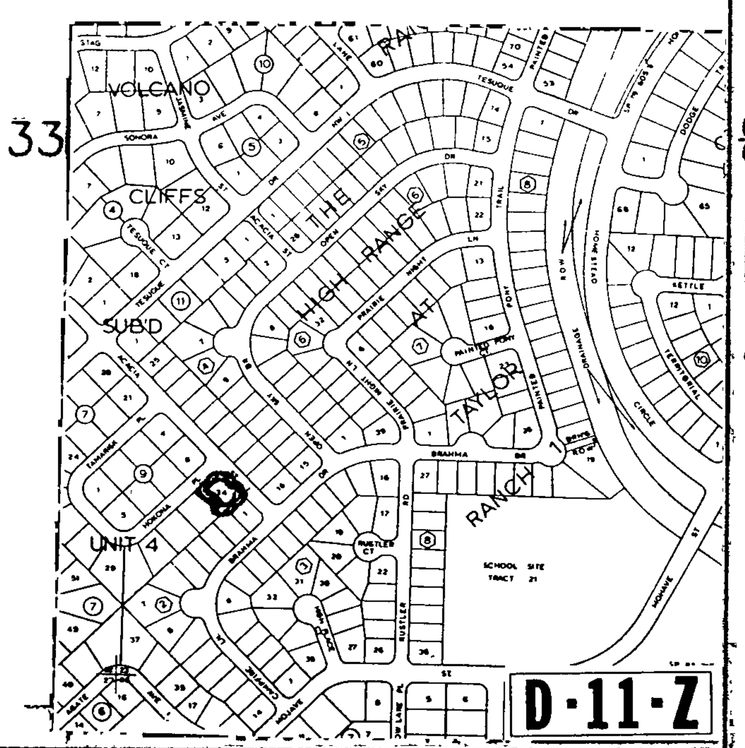
D11- D13: 1/1

DRAINAGE PLAN REVISION FOR LOT 34, BLOCK 7, VOLCANO CLIFFS SUBDIVISION, UNIT #4





LOT 33



NOTES:

1. ALL ROOF AREA SHALL DRAIN TO STREET.
2. FILL SHALL BE COMPACTED TO 95% RELATIVE COMPACTION (ASTM D-1557-MODIFIED).
3. SITE DOES NOT LIE IN NOR CONTRIBUTE TO THE 100 YEAR FLOOD ZONE.
4. THIS PLAN REVISES THE PLAN FOR LOT 34 ONLY OF SPECIAL ASSESSMENT DISTRICT NO. 219 (S.A.D. 219) APPROVED BY THE CITY OF ALBUQUERQUE ON MAY 7, 1991.

LEGEND

DRAINAGE FLOW ARROW

66.53 TC / 65.86 FL — EXISTING ELEVATION

68.00 TW / 65.20 NG — NEW ELEVATION

RETAINING WALL

Rear Yard Area

C = 0.45 (based ~~on approximately 25%~~ Impervious area for Soil Type "B")
i = 2.2 x 2.2 = 4.84
Area = 0.0900

Q100 = 0.45 x 4.84 x 0.0900 = 0.20 cfs

Front Yard Area

C = 0.65 (based on approximately 65% impervious area for Soil Type "B")
i = 2.2 x 2.2 = 4.84
Area = 0.184

Q100 = 0.65 x 4.84 x 0.184 = 0.58 cfs

AS-BUILT INFORMATION

CONTRACTOR | DATE

BENCH MARKS: ACS 13-D10 - THE STATION IS LOCATED NEAR THE INTERSECTION OF ATRISCO & PETROGLYPH STATE PARK ROAD. IT IS A 3-1/4" BRASS CAP STAMPED "13 - D10, 1986". X = 361072.73, Y = 1514194.22, Z = 5300.00 TBM (TEMPORARY BENCH MARK IS SAS WH NEAR CL ACACIA/HOKONA NW' (5186.06 MSL).

SURVEY INFORMATION: FIELD NOTES | NO. | BY | DATE

ENGINEER'S SEAL: STATE OF NEW MEXICO, TERRY O. BROWN, REGISTERED PROFESSIONAL ENGINEER

MICRO-FILM INFORMATION: RECORDED BY | DATE | NO.

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN: DESIGNED BY tob DATE 6/22/92; DRAWN BY tob DATE 6/22/92; CHECKED BY tob DATE 6/22/92

RECEIVED JUN 25 1992 HYDROLOGY DIVISION

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TOB

Terry O. Brown, P.E.
P. O. Box 92051
Albuquerque, NM 87199

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	n/a		WATER	n/a	
TRANSPORTATION	n/a		WASTE WATER	n/a	
HYDROLOGY					

PROJECT NO. | MAP NO. D-11 | SHEET 1 OF 1

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 28,1992

Terry O. Brown, P.E.
P.O. Box 92051
Albuquerque, N.M. 87199

RE: DRAINAGE & GRADING PLAN FOR VOLCANO CLIFFS UNIT #4
LOT 34 BLOCK 7
STAMPED & DATED JUNE 23, 1992 FOR BUILDING PERMIT APPROVAL

Dear Mr. Brown:

Based on the information included in the submittal referenced above, this project is approved for Building Permit. The Drainage & Grading plan must be included in the set of construction document that you submit for the Building Permit.

If I can be of further assistance, you may contact me at 768-2727.

Sincerely,

John P. Curtin

John P. Curtin, P.E.
PWD/Hydrology

WPHYD+3488

xc: Alan Martinez