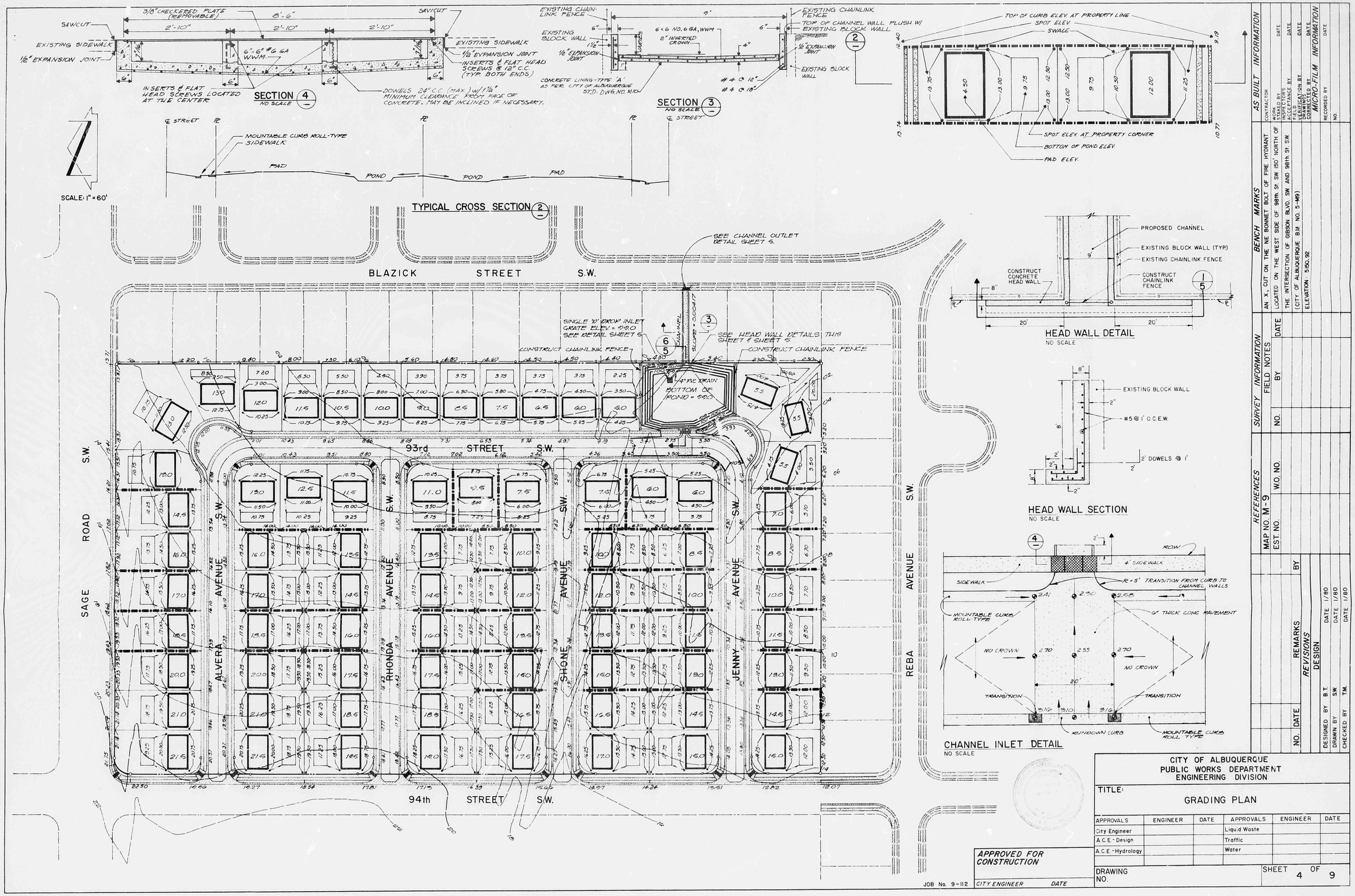
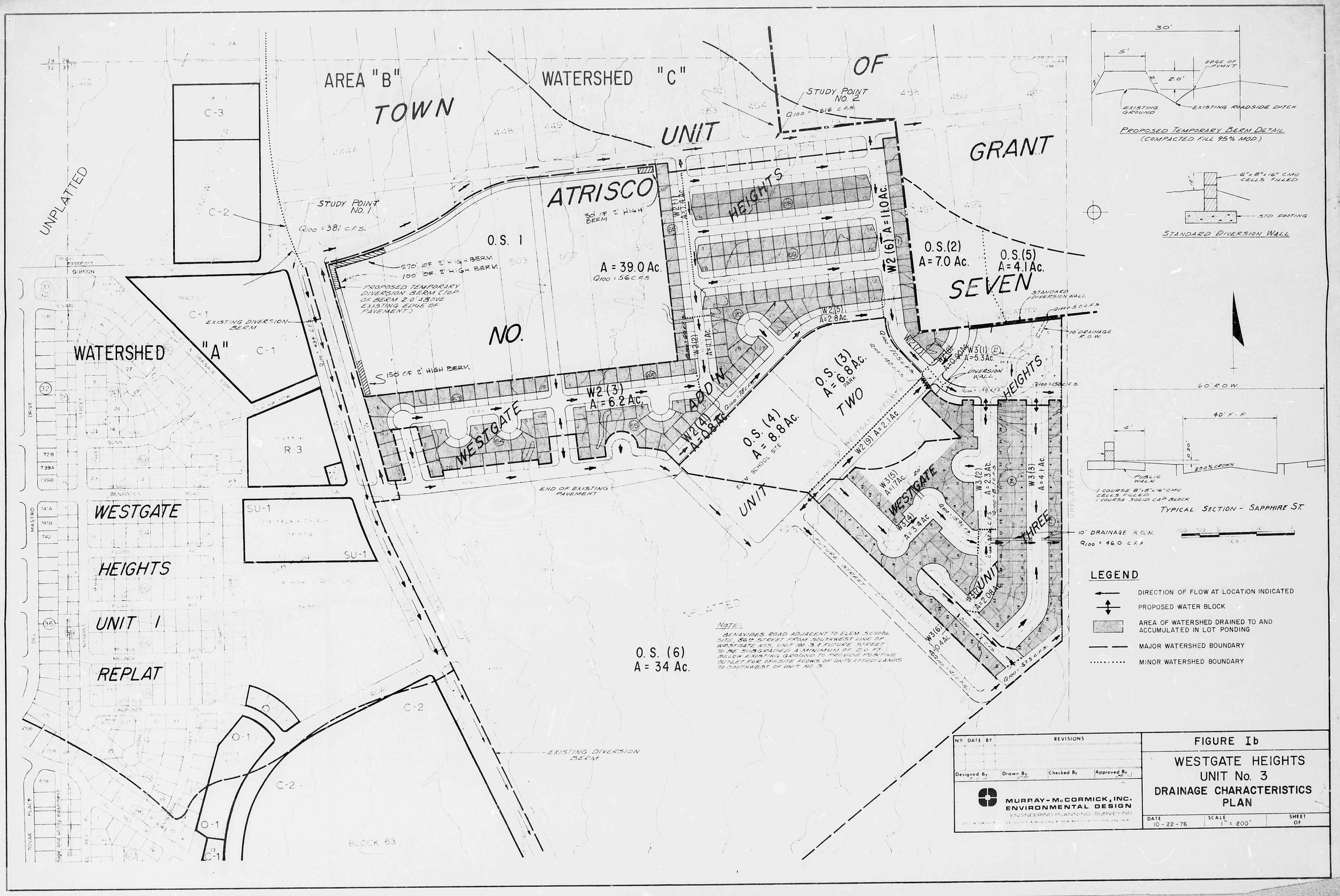
HYDROLOGY

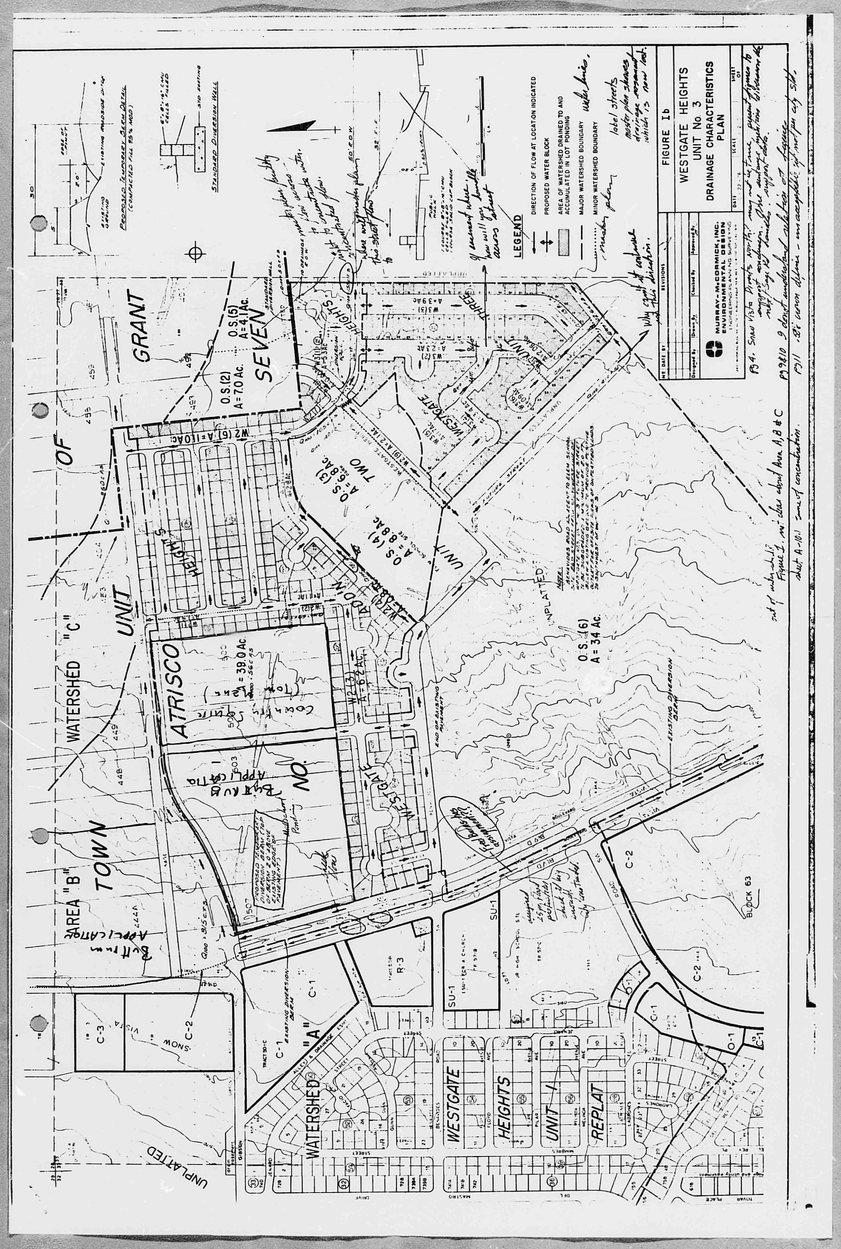
M9/D2
FOUR PLANS

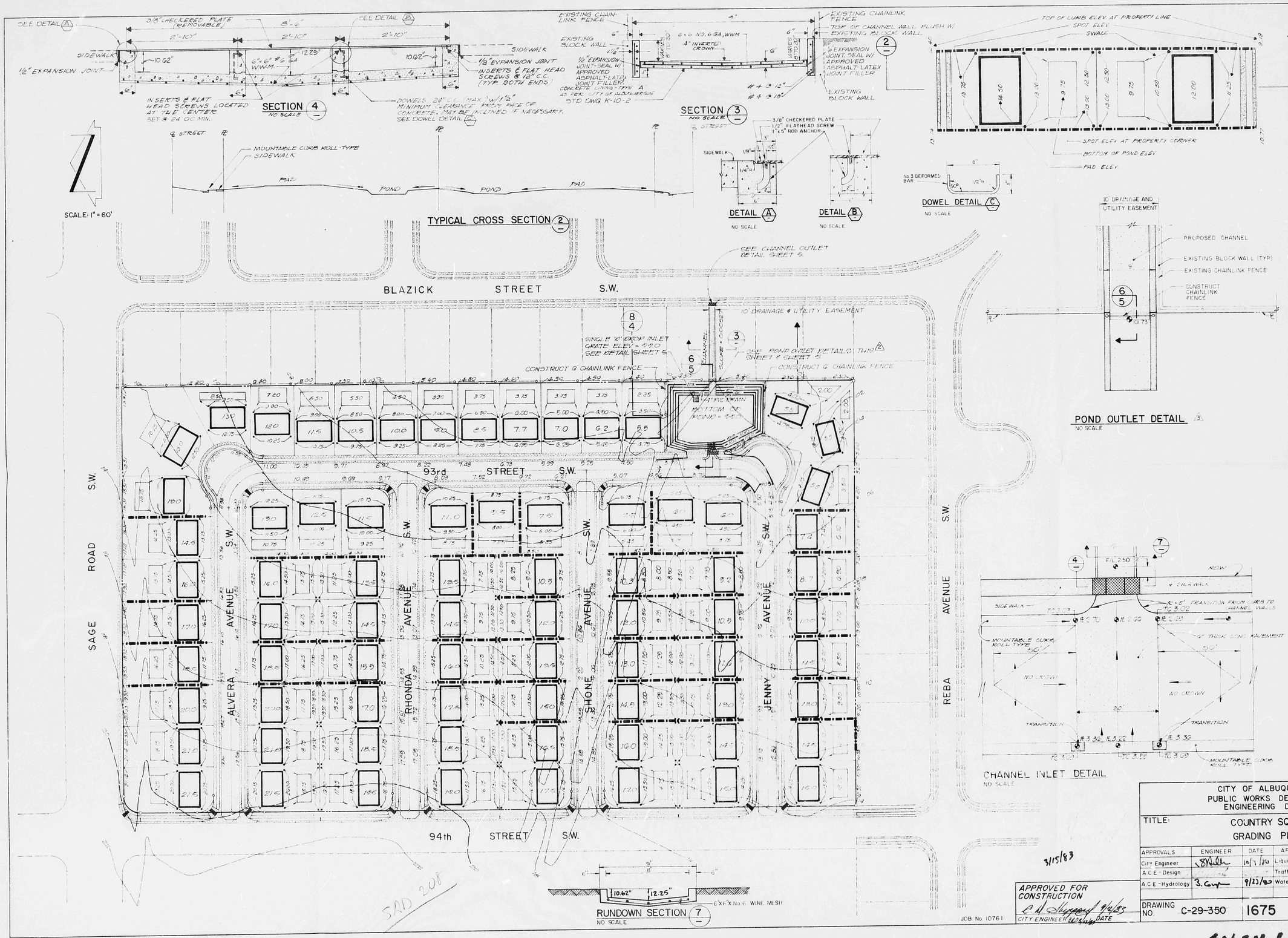
M9/D2

4 PLANS


SECTION 4
NO SCALE
SECTION 3
NO SCALE
TYPICAL CROSS SECTION 2
SCALE: 1" = 60'
BLAZICK STREET S.W.
93rd STREET S.W.
94th STREET S.W.
SAGE ROAD S.W.
ALVERA AVENUE S.W.
RHONDA AVENUE S.W.
STONE AVENUE S.W.
JENNY AVENUE S.W.
REBA AVENUE S.W.
HEAD WALL DETAIL
NO SCALE
HEAD WALL SECTION
NO SCALE
CHANNEL INLET DETAIL
NO SCALE
AS BUILT INFORMATION
BENCH MARKS
SURVEY INFORMATION
FIELD NOTES
REFERENCES
MICRO-FILM INFORMATION
REVISIONS
DESIGN
DESIGNED BY B.T.
DRAWN BY S.W.
CHECKED BY T.M.
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
TITLE: GRADING PLAN
APPROVALS
ENGINEER
DATE
City Engineer
A.C.E.-Design
A.C.E.-Hydrology
Liquid Waste
Traffic
Water
APPROVED FOR CONSTRUCTION
CITY ENGINEER
DATE
JOB No. 9-112
DRAWING NO.
SHEET 4 OF 9


AREA "B"
WATERSHED "C"
TOWN
UNIT
OF
GRANT
ATRISCO
HEIGHTS
SEVEN
NO.
ADDN
TWO
WESTGATE
HEIGHTS
UNIT
THREE
WATERSHED "A"
WESTGATE
HEIGHTS
UNIT 1
REPLAT
UNPLATTED
STUDY POINT NO. 1
Q100 = 381 C.F.S.
STUDY POINT NO. 2
Q100 = 816 C.F.S.
O.S. 1
A = 39.0 Ac.
Q100 = 560 C.F.S.
O.S. (2)
A = 7.0 Ac.
O.S. (5)
A = 4.1 Ac.
O.S. (3)
A = 6.8 Ac.
PARK
O.S. (4)
A = 8.8 Ac.
ELEM. SCHOOL SITE
O.S. (6)
A = 34 Ac.
W2 (1) A = 1.1 Ac.
W2 (6) A = 11.0 Ac.
W2 (3) A = 6.2 Ac.
W2 (4) A = 0.8 Ac.
W2 (5) A = 2.8 Ac.
W2 (9) A = 2.1 Ac.
W3 (1) A = 5.3 Ac.
W3 (2) A = 2.3 Ac.
W3 (3) A = 4.1 Ac.
W3 (4) A = 3.4 Ac.
W3 (5) A = 1.7 Ac.
W3 (6) A = 0.4 Ac.
W3 (7) A = 2.08 Ac.
270' OF 2' HIGH BERM
100' OF 2' HIGH BERM
30' OF 2' HIGH BERM
150' OF 2' HIGH BERM
PROPOSED TEMPORARY DIVERSION BERM (TOP OF BERM 2.0' ABOVE EXISTING EDGE OF PAVEMENT)
EXISTING DIVERSION BERM
END OF EXISTING PAVEMENT
FUTURE STREET
STANDARD DIVERSION WALL
Q100 = 50 C.F.S.
10' DRAINAGE R.O.W.
DIVERSION WALL
Q100 = 150 C.F.S.
10' DRAINAGE R.O.W.
Q100 = 46.0 C.F.S.
Q100 = 525 C.F.S.
C-1
C-2
C-3
R-3
SU-1
O-1
BLOCK 63
NOTE:
BENAVIDES ROAD ADJACENT TO ELEM. SCHOOL SITE, 86th STREET FROM SOUTHWEST LINE OF WESTGATE HTS. UNIT No. 3 & FUTURE STREET TO BE SUBGRADED A MINIMUM OF 2.0 FT. BELOW EXISTING GROUND TO PROVIDE POSITIVE OUTLET FOR OFFSITE FLOWS OF UNPLATTED LANDS TO SOUTHWEST OF UNIT NO. 3.
30'
5'
2.0'
EDGE OF PVMNT
EXISTING GROUND
EXISTING ROADSIDE DITCH
PROPOSED TEMPORARY BERM DETAIL
(COMPACTED FILL 95% MOD.)
6" x 8" x 16" CMU CELLS FILLED
STD FOOTING
STANDARD DIVERSION WALL
60' R.O.W.
40' F-F
4'
20'
2.0% CROWN
PUBLIC WALK
1 COURSE 8" x 8" x 16" CMU CELLS FILLED
1 COURSE SOLID CAP BLOCK
TYPICAL SECTION - SAPPHIRE ST.
LEGEND
DIRECTION OF FLOW AT LOCATION INDICATED
PROPOSED WATER BLOCK
AREA OF WATERSHED DRAINED TO AND ACCUMULATED IN LOT PONDING
MAJOR WATERSHED BOUNDARY
MINOR WATERSHED BOUNDARY
REVISIONS
Nº DATE BY
Designed By
Drawn By
Checked By
Approved By
MURRAY-McCORMICK, INC.
ENVIRONMENTAL DESIGN
ENGINEERING-PLANNING-SURVEYING
FIGURE Ib
WESTGATE HEIGHTS
UNIT No. 3
DRAINAGE CHARACTERISTICS
PLAN
DATE 10-22-76
SCALE 1" = 200'
SHEET OF


WATERSHED "C"
UNIT
TOWN
OF
GRANT
SEVEN
AREA "B"
ATRISCO
NO
WESTGATE
HEIGHTS
UNIT
REPLAT
WATERSHED "A"
UNPLATED
LEGEND
DIRECTION OF FLOW AT LOCATION INDICATED
PROPOSED WATER BLOCK
AREA OF WATERSHED DRAINED TO AND FROM PONDING AREA (PER CITY)
MAJOR WATERSHED BOUNDARY
MINOR WATERSHED BOUNDARY
FIGURE 1b
WESTGATE HEIGHTS
UNIT No. 3
DRAINAGE CHARACTERISTICS
PLAN
MURRAY-McCORKLE INC.
ENGINEERS
SURVEYORS
LAND DEVELOPMENT CONSULTANTS



AS BUILT INFORMATION		
CONTRACTOR		DATE
AS-BUILT STAMPED BY ENGINEER OR INSPECTOR		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE
RECORDED BY		DATE
NO.		

BENCH MARKS

AN X, CUT ON THE NE BONNET BOLT OF FIRE HYDRANT LOCATED ON THE WEST SIDE OF 98th ST. SW 150' NORTH OF THE INTERSECTION OF GIBSON BLVD. SW AND 98th ST. SW. (CITY OF ALBUQUERQUE B.M. NO. 5-M9)
ELEVATION: 5150.92

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

REFERENCES

MAP NO. M-9
EST. NO.
W.O. NO.

REVISIONS

NO.	DATE	REMARKS	BY
3	12/83	REVISE POND OUTLET	SKS
2	12/83	GENERAL PLAN SET TRANSFERRED TO MICROFILM AS REQUIRED BY CITY ENGINEER	LAL

DESIGN

		DATE
DESIGNED BY	B.T.	1/80
DRAWN BY	S.W.	1/80
CHECKED BY	T.M.	1/80

MICRO-FILM INFORMATION

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: COUNTRY SQUIRE GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/17/80	Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology		9/23/83	Water		

APPROVED FOR CONSTRUCTION
CITY ENGINEER — DATE 9/4/83

3/15/83

JOB No. 10761

DRAWING NO.	SHEET	OF
C-29-350	4	13

1675

SV-84-6 / DRB-84-155