DOS ANIGOS SUBDIVISION

LOTS 1-5, REPLAT OF TRACT 57-B ATRISCO VILLAGE, UNIT 5, TOWN OF ATRISCO GRANT

INDEX

SHEET

ENGINEER

(505) 268-8828

ISAACSON & ARFMAN, P.A.

ALBUQUERQUE, N.M. 87108

128 MONROE STREET NE

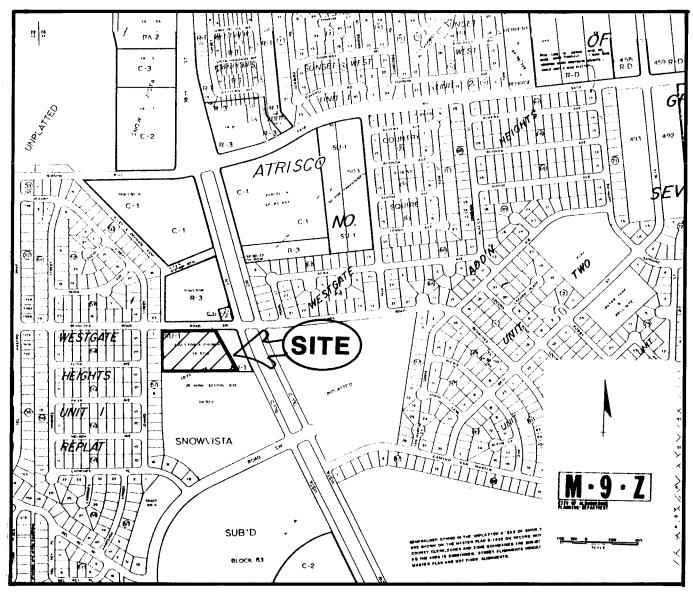
TITLE

TITLE SHEET & VICINITY MAP

SUBDIVISION PLAT

PAVING & UTILITY PLAN & PROFILE

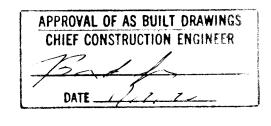
- DRAINAGE & GRADING PLAN



VICINITY MAP

NOTES

- 1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY of Albuquerque Standard Specifications for Public Works
- 2. Two (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- 4. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- 5. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- 6. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- 7. IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.



| | | , | | | | | |
|------|--------|------------|---------|------------|-------|------------|------|
| | | | | | | | |
| REV. | SHEETS | CITY ENGR. | DATE | USER DEPT. | DATE | USER DEPT. | DATE |
| | | APPR | 0 V A L | OF REVISI | 0 N S | | |



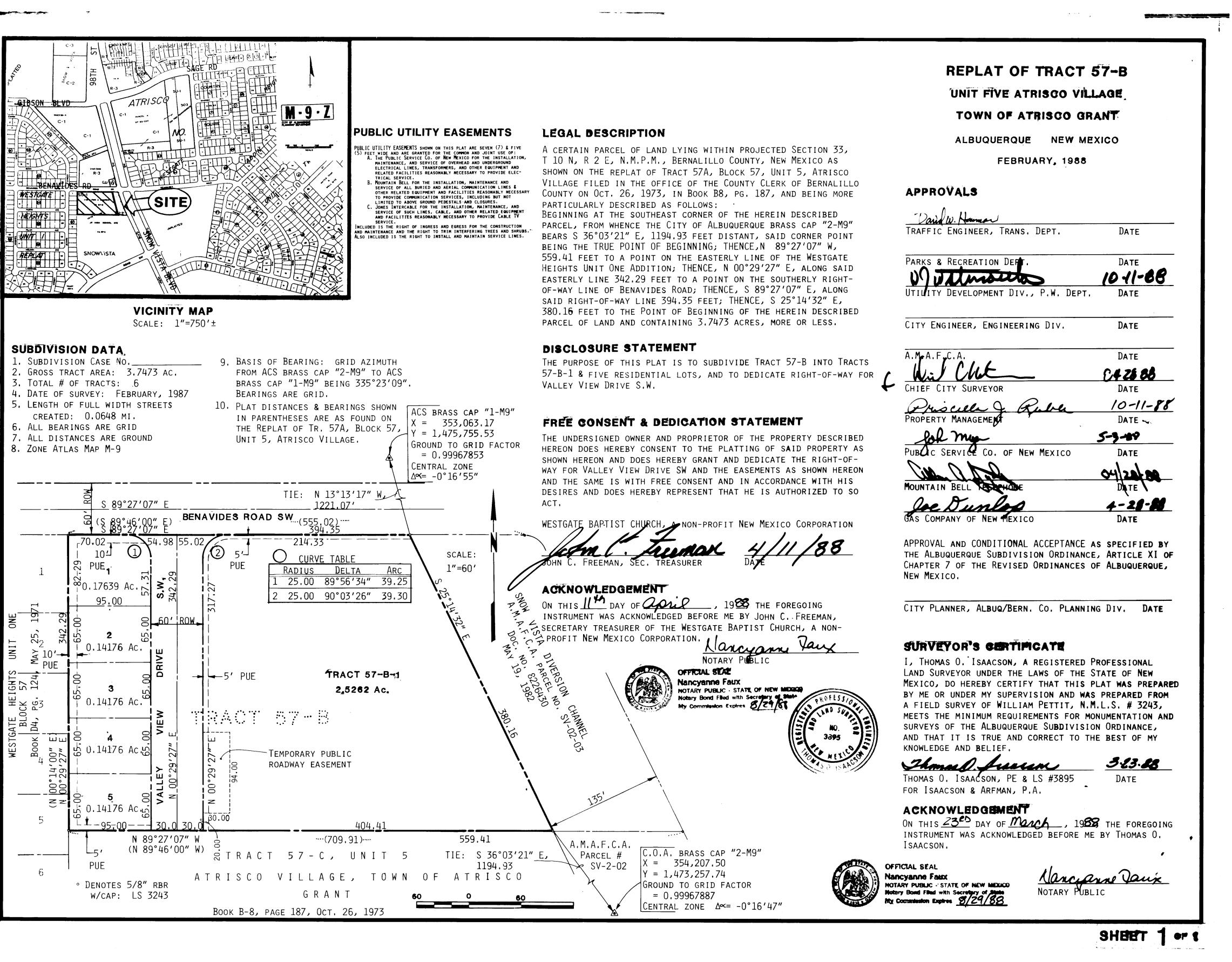
Isaacson & Arfman, P.A. CONSULTING ENGINEERING ASSOCIATES

6-13-89

APPROVED FOR

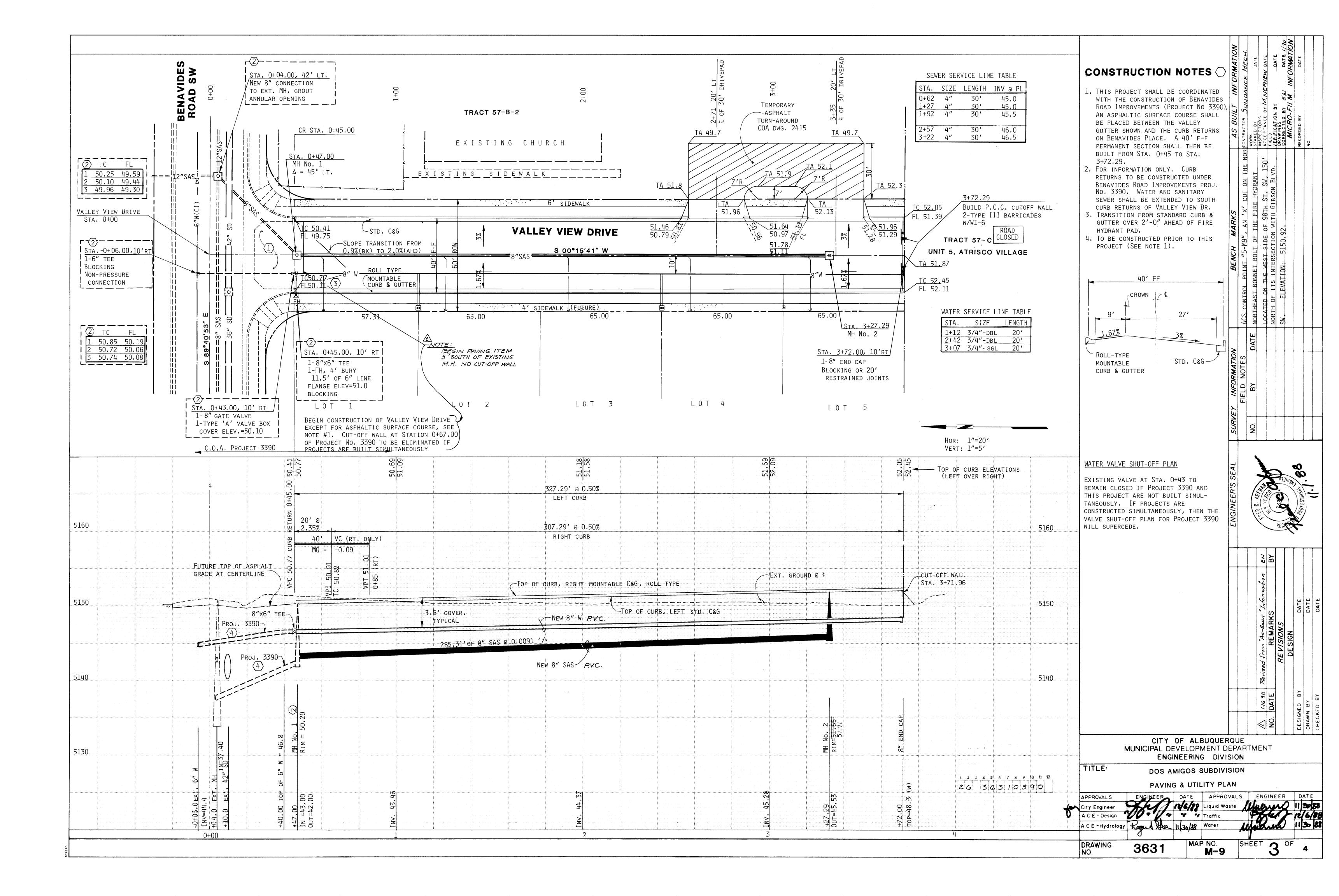
Project No. 3631

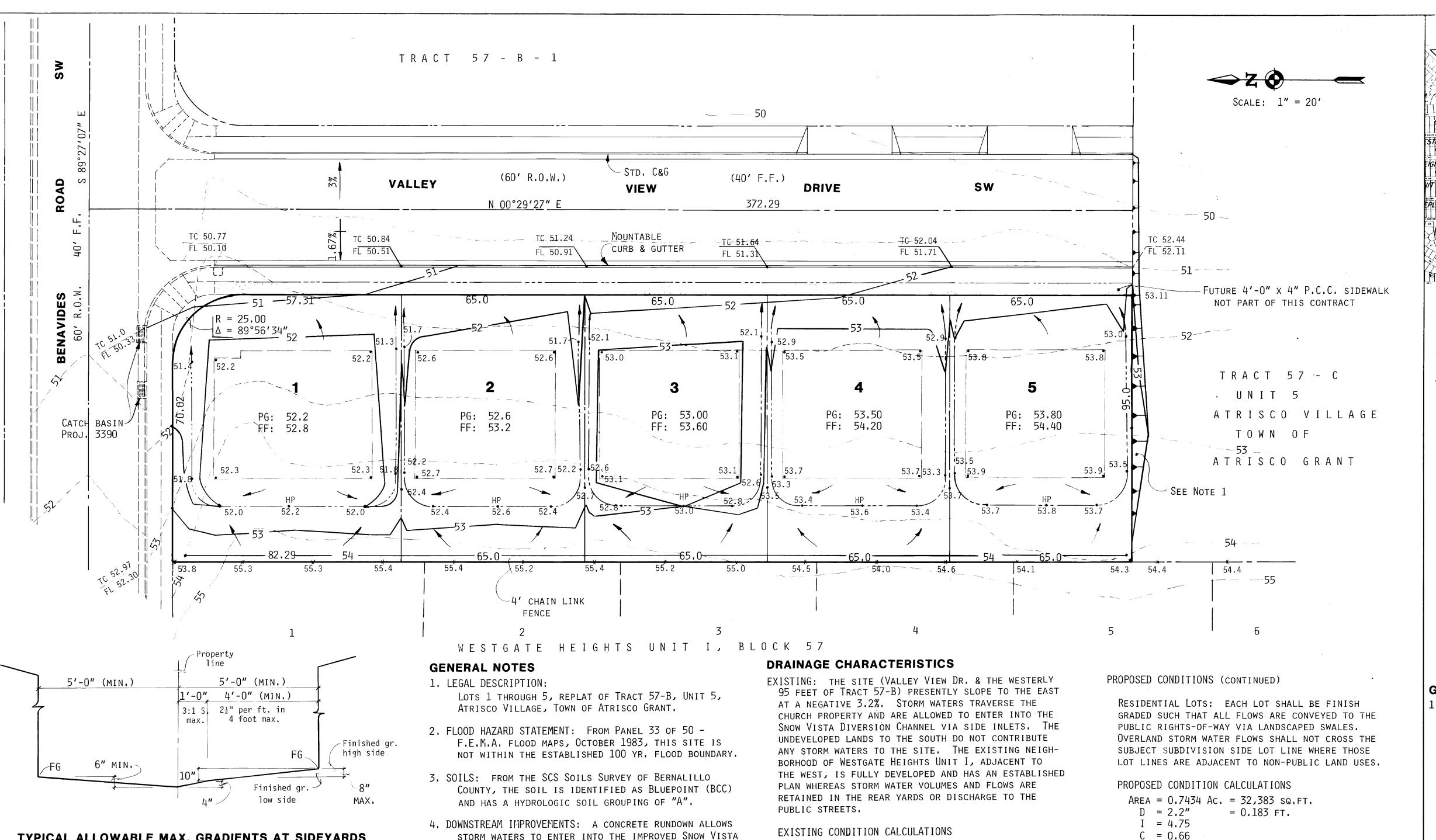
SHEET 1 OF 4



DATE DATE DATE REMARKS PEVISIONS DESIGN CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP TITLE: DOS AMIGOS SUBDIVISION SUBDIVISION PLAT APPROVALS APPROVALS ENGINEER DATE Trans Dev PESO Utility Dev Roger & Gran Hydrorcy SHEET OF DRAWING 3631

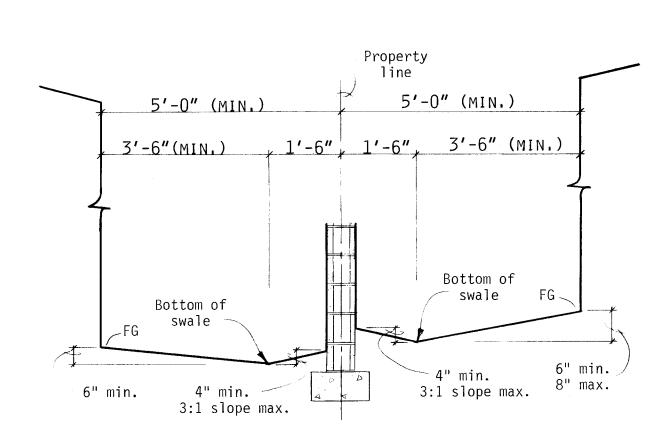
1 2 3 4 5 6 7 8 9 10 11





TYPICAL ALLOWABLE MAX. GRADIENTS AT SIDEYARDS W/O SOLID PROPERTY LINE WALLS

N.T.S. (SEE MPS 4900.1, TABLE 3-10.1 FOR ADDITIONAL MAXIMUM-MINIMUM SLOPES)



LOCATION OF SIDEYARD SWALES, ADJACENT W/SOLID PROPERTY LINE WALLS N.T.S.

- STORM WATERS TO ENTER INTO THE IMPROVED SNOW VISTA DIVERSION CHANNEL. THIS RUNDOWN IS LOCATED 264 FT. EAST OF THE CENTERLINE OF VALLEY VIEW DRIVE ON THE SOUTHERLY SIDE OF BENAVIDES RD. SW.
- 5. ALL BENAVIDES RD. IMPROVEMENTS ARE SCHEDULED FOR CONSTRUCTION UNDER A PUBLIC WORKS CONTRACT (PROJ. 3390).

AREA = 0.7434 Ac., 32,384 sq.ft. D = 2.2", 0.183 FT. I = 4.75C = 0.40

 $Q_{100} = CIA$

= (0.40)(4.75)(0.7434) = 1.4 CFS $Q_{10} = (0.657)(1.4)$ = 0.9 CFS

 $v_{100} = CDA$

= (0.4)(0.183)(32,384) = 2,370 cu.ft. $V_{10} = (0.657)(2,370)$ = 1,557 CU.FT.

PROPOSED CONDITIONS:

VALLEY VIEW DR.: THIS MAJOR LOCAL ROADWAY WILL ONLY COLLECT THOSE STORM WATERS GENERATED BY THE ROADWAY ITSELF AND THE FIVE LOTS OF THE PROPOSED SUBDIVISION. ALL STORM WATERS SHALL BE ALLOWED TO COLLECT ALONG THE EAST STANDARD CURB AND GUTTER OF VALLEY VIEW DR. DUE TO THE STREET'S 3% CROSS SLOPE AND DISCHARGE ONTO THE DRIVING SURFACE/GUTTER SECTION OF BENAVIDES ROAD. THE STREET'S FLOW CHARACTERISTICS ARE AS FOLLOWS:

AREA = 0.7434 Ac. (Lots 1-5)0.4752 Ac. (VALLEY VIEW Dr.) COMPOSITE 'C' = 0.66

MAX. DEPTH=0.36 FT

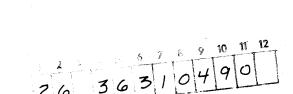
Q = (0.66)(4.75)(1.2186) = 3.8 CFS

 $Q_{100} = CIA$

= (0.66)(4.75)(0.7434) = 2.3 cfs $Q_{10} = (0.657)(2.3)$ = 1.5 cfs

 $V_{100} = CDA$

= (0.66)(0.183)(32,383) = 3,911 cu.ft. $V_{10} = (0.657)(3.911)$ = 2,570 cu.ft.



TITLE:

APPROVALS

363

Trans Dev

| ATRISCO 5,03 (10 10 10 10 10 10 10 10 10 10 10 10 10 1 | AS BUILT INFORMATION | CONTRACTOR SUNDANCE MECH. | WORK STAKED BY DATE | INSPECTOR'S ACCEPTANCE BY M. NEPHEW DATE | FIELD VERIFICATION BY DATE | NGS CTED BY | -FILM INFOH | RECORDED BY DATE | ON | |
|---|----------------------|---|---|---|-------------------------------|----------------|-------------|------------------|------------------|-------------------|
| VICINITY MAP (M-9) SCALE: 1" = 750'± LEGEND 54 EXISTING CONTOUR PROPOSED CONTOUR FUTURE SW - NOT PART OF THIS CONTRACT PG: PAD GRADE FINISH FLR. ELEVATION | BENCH MARKS | ACS CONTROL POINT "5-M9", AN 'X' CUT ON THE | NORTHEAST BONNET BOLT OF THE FIRE HYDRANT | LOCATED ON THE WEST SIDE OF 98TH ST. SW, 150' | NIERSECTION WITH GIBSON BLVD, | | | | | |
| FLOW DIRECTIONAL ARROW | SURVEY INFORMATION | FIELD NOTES | NO. BY DATE | | | | | | | |
| GENERAL NOTES 1. PERMISSION TO LOCATE FILL (@ 3:1 MAX SLOPE) ON TRACT 57-C, UNIT 5, ATRISCO VILLAGE IS HEREBY GRANTED WITH SIGNATURE BELOW. | ENGINEER'S SEAL | | , ABE, | A MEN MAN | | 13222 REE | A XEE | September 1800 | | 4 |
| | | | | | REMARKS BY | REVISIONS | DESIGN | DATE 8/88 | DATE 9/88 | DATE 3/9 6 |
| R.J. Schaefer Date Managing General Partner Albuquerque South General Partnership CITY OF ALBUQUEF | 300 | IF | | | NO. DATE | RE | 10 | DESIGNED BY FCA | DRAWN BY LAA | CHECKED BY FC+ |

PUBLIC WORKS DEPARTMENT

ENGINEERING GROUP

UNIT 5 TOWN OF ATRISCO GRANT DRAINAGE & GRADING PLAN

LOTS 1-5, REPLAT OF TR. 57-B ATRISCO VILLAGE.

APPROVALS

SHEET

ENGINEER