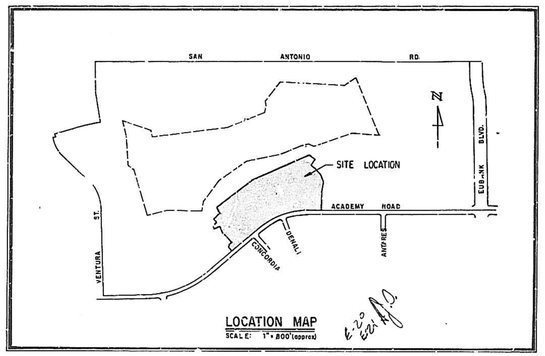



# village greens at tanoan

## unit one

**CITY OF ALBUQUERQUE**
**BERNALILLO COUNTY, NEW MEXICO**
**APRIL, 1979**

## INDEX TO DRAWINGS


1. TITLE SHEET AND INDEX TO DRAWINGS
2. PLAT OF GEOMETRY (2A & 2B)
3. SITE GRADING PLAN
4. MASTER SEWER AND WATER PLAN

STREET PLAN AND PROFILES

5. 'A' STREET
6. 'B' & 'C' STREETS
7. 'D' STREET
8. ENTRANCE DRIVE

WATER, SEWER AND STORM SEWER PLAN AND PROFILES

9. 'A' STREET
10. 'B' & 'C' STREETS
11. 'D' STREET AND ENTRANCE DRIVE
12. STORM SEWER PLAN AND PROFILES

DETAIL SHEETS

13. SIDEWALK AND STRIPING PLAN
14. STANDARD DETAILS


WATER & SEWER ONLY
APPROVAL OF SUBDIVISION
ASST. CITY E.
DATE 9-17-79

APPROVED FOR CONSTRUCTION
CITY ENGINEER 9/6/79 DATE

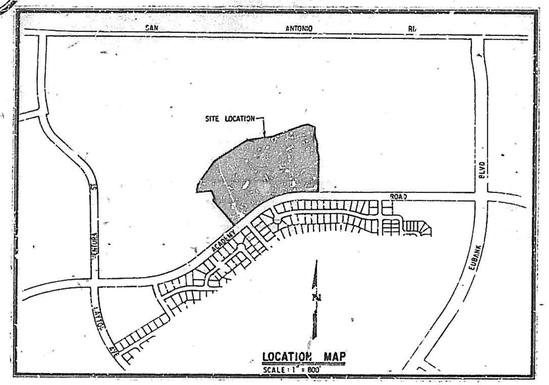
REGISTERED PROFESSIONAL ENGINEER
REGINALD M. WHITMAN
STATE OF NEW MEXICO
6879

| | |
|---|---|
| DATE: | APRIL 1979 |
| SCALE: | — |
| DESIGNED: | CSC |
| DRAWN: | MCW |
| JOB NO.: | 49-2-0006 |

SHEET 1 / 14

C-28-64

79-159




NOTE: Unless otherwise indicated:

1) All bearings are referenced to the New Mexico State Plane Coordinate System (Central Zone) having a delta alpha angle of -00° 09' 37" (Sector Plan Centroid).
2) Dimensions along curved lines are arc lengths.
3) All side lot lines are perpendicular to front lot line or radial (noted N/R if not radial).
4) All lots and parcels within this subdivision are subject to Declaration of Restrictive Covenants filed separately from this plat.
5) All block corners indicated thus (-•-), shall be permanently identified by steel pin and aluminum cap bearing L.S. 9497.

ZONE ATLAS NUMBER: E-20 and E-21

State of New Mexico } ss
County of Bernalillo }
This instrument was filed for record on
the 1st day of AUG 1 1979
at 3:15 o'clock P.M. Recorded in Vol. D9
Folio 159 of said County Records
Clerk & Recorder
Deputy

# village greens at tanoan

## unit one

CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL, 1979

LEGEND: DESCRIPTION OF EASEMENTS

1. UTILITY EASEMENTS: Utility easements on the plat are granted for the common and joint use and benefit of:

(a) The City of Albuquerque for installation, service and maintenance of water and sewer lines, valves, pumps and/or other related equipment and facilities reasonably necessary to deliver potable water to the residents of the subdivision and provide a liquid waste disposal system in accordance with the plans and procedures of the City of Albuquerque;

(b) The Public Service Company of New Mexico for installation, maintenance and service of electrical lines, transformers and other equipment and related facilities reasonably necessary to provide electrical service to the residents of the subdivision;

(c) The Gas Company of New Mexico for installation of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas to the residents of the subdivision;

(d) Mountain Bell for the installation, service and maintenance of all telephone lines, switching equipment and other related equipment and facilities reasonably necessary to provide telephone service to the residents of the subdivision;

(e) Albuquerque Cable Television, Inc. for the purpose of installation, service and maintenance of such line or cable as is reasonably required to provide cable TV service to the residents of the subdivision.

2. DRAINAGE EASEMENTS: Drainage easements are granted to the City of Albuquerque for the benefit of all owners of the subdivision or indicated on the plat for the passage, containment or diversion of surface waters; and between individual property owners as indicated on the plat by reference or notation.

3. ACCESS EASEMENT: The City of Albuquerque is hereby granted an access easement over and across Tracts for the purpose of allowing its various operating departments to provide service to the residents of the subdivision in the same manner and to the same extent as though the Tract(s) were a dedicated public street. "Operating departments" as referred to above shall include but shall not be limited to the department of the City providing the following services: (1) Police protection; (2) Fire protection; (3) Water resources; (4) Solid refuse and liquid disposal; (5) Animal control; (6) City planning functions; and (7) Traffic engineering and control.

Austin Engr. Dept. 6-29-79
MOUNTAIN BELL — DATE

6-29-79
GAS COMPANY OF NEW MEXICO — DATE

7-6-79
PUBLIC SERVICE COMPANY OF N.M. — DATE

7/27/79
AMAFCA — DATE

7/27/79
CITY ENGINEERING, ALBUQUERQUE, NEW MEXICO — DATE

7/27/79
PARKS AND RECREATION, ALBUQUERQUE, NEW MEXICO — DATE

7-30-79
PLANNING DIRECTOR, ALBUQUERQUE, NEW MEXICO — DATE

7-9-79
TRAFFIC ENGINEER, ALBUQUERQUE, NEW MEXICO — DATE

7/6/79
CHIEF SURVEYOR, ALBUQUERQUE, NEW MEXICO — DATE

7/23/79
WATER RESOURCES, ALBUQUERQUE, NEW MEXICO — DATE

7/31/79
PROPERTY MANAGEMENT, ALBUQUERQUE, NEW MEXICO — DATE

S-79-10

FREE CONSENT AND DEDICATION

The subdivision of the land hereon described is with the free consent and in accordance with the desires of the undersigned owners and proprietors thereof, and said owners and proprietors do hereby dedicate the public rights-of-way shown hereon, together with all easements shown on this plat, the use of which easements shall be limited to those uses specified in the legend on this cover sheet.

AFFILIATED MORTGAGE AND DEVELOPMENT CO.

By Hugh J. Dunham, President — By Naomi Gibson, Secretary

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

The foregoing instrument was acknowledged by me on this 25th day of June, 1979, by Hugh J. Dunham and Naomi Gibson, President and secretary respectively, of Affiliated Mortgage and Development, Co., a New Mexico corporation, on behalf of said corporation.

My commission expires on 4-17-82

Carol Spears
Notary Public

TANOAN ENTERPRISES INC.

By James D. Smith, President — By Naomi Gibson, Secretary

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

The foregoing instrument was acknowledged by me on this 25th day of JUNE, 1979 by James D. Smith and Naomi Gibson, President and secretary respectively, of Tanoan Enterprises, Inc., a New Mexico corporation, on behalf of said corporation.

My commission expires on 4-17-82

Carol Spears
Notary Public

DESCRIPTION

That certain parcel of land situate within the County of Bernalillo, New Mexico and comprising a portion of the Elena Gallegos Grant; being a portion of projected Sections 28 and 29, Township 11 North, Range 4 East, New Mexico Principal Meridian and being more particularly described by metes and bounds as follows:

Beginning at a point on the North right-of-way line of Academy Road, N.E., said point being the Northeast corner of "ACADEMY HILLS SUBDIVISION, UNIT 4, AN ADDITION TO THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, JANUARY, 1978" as the same is shown and designated on the plat of said addition, filed in the office of the County Clerk of Bernalillo County, New Mexico on January 16, 1978 as Document 783325, Folio 98-70; whence the City of Albuquerque permanent survey marker (Brass Cap) 81-D-21 (having State Plane Coordinates X = 415,462.45 and Y = 1,513,473.52) bears N 03° 07' 01" E, 1,296.99 feet; thence,

S 40° 55' 30" E, 53.00 feet to the centerline of Academy Road, N.E.; thence,

S 49° 06' 30" W, 398.12 feet along the centerline of Academy Road, N.E., to the Southwest corner of the parcel herein described; thence,

N 40° 53' 30" W, 58.99 feet to a point; thence, N 19° 06' 30" E, 40.00 feet to a point; thence,

N 49° 06' 30" E, 40.00 feet to a point; thence, N 40° 53' 30" W, 166.79 feet to a point; thence,

N 29° 40' 34" W, 79.03 feet to a Point on Curve; thence,

Southwesterly, 37.71 feet along the arc of a curve bearing to the right (said arc having a radius of 169.00 feet and a long chord which bears S 65° 09' 12" W, 37.63 feet) to a point; thence,

N 17° 45' 06" W, 36.00 feet to a Point on Curve; thence,

Northeasterly, 21.21 feet along the arc of a curve bearing to the left (said arc having a radius of 132.00 feet and a long chord which bears N 67° 38' 48" E, 21.19 feet) to a point; thence,

N 43° 40' 00" W, 79.24 feet to a point; thence, N 04° 26' 10" W, 45.43 feet to the Northeast corner of the parcel herein described; thence,

N 65° 21' 52" E, 13.59 feet to a point; thence, N 44° 54' 26" E, 99.51 feet to a point; thence,

N 21° 25' 31" W, 66.00 feet to a point; thence, N 49° 25' 42" E, 557.69 feet to a point; thence,

N 64° 56' 20" E, 783.79 feet to a point; thence, S 50° 30' 15" E, 20.93 feet to a point; thence,

Northeasterly, 142.55 feet along the arc of a curve bearing to the right (said arc having a radius of 468.83 feet and a chord which bears N 10° 15' 05" E, 142.00 feet) to a point; thence,

S 68° 31' 55" E, 20.02 feet to a point; thence, N 70° 16' 11" E, 53.87 feet to a point on a curve and the Northeast corner of the parcel herein described; thence,

Southwesterly, 42.68 feet along the arc of a curve bearing to the left (said arc having a radius of 452.00 feet and a long chord which bears S 20° 16' 00" W, 42.66 feet) to a Point of Compound Curvature; thence,

Southwesterly, 86.17 feet along the arc of a curve bearing to the left (said arc having a radius of 407.88 feet and a long chord which bears S 11° 22' 08" W, 87.99 feet) to a point; thence,

S 33° 21' 50" E, 91.28 feet to a point; thence, S 05° 23' 37" W, 123.16 feet to a point; thence,

S 20° 04' 17" E, 78.97 feet to a Point of Curvature; thence,

Southeasterly, 101.79 feet along the arc of a curve bearing to the left (said arc having a radius of 229.00 feet and a long chord which bears S 07° 20' 20" E, 100.94 feet) to a Point of Tangency; thence,

S 05° 23' 57" W, 163.08 feet to a point; thence, S 74° 30' 00" W, 44.14 feet to a point; thence,

S 00° 10' 12" W, 178.27 feet to the Southeast corner of the parcel herein described, a point on the Northerly right-of-way of Academy Road, N.E.; thence along the Northerly right-of-way of Academy Road, N.E.:

N 89° 49' 48" W, 227.20 feet to a Point of Curvature; thence,

Southwesterly, 210.38 feet along the arc of a curve bearing to the left (said arc having a radius of 851.70 feet and a long chord which bears S 69° 38' 21" W, 597.40 feet) to a Point of Tangency; thence,

S 49° 26' 30" W, 111.52 feet to the PLACE OF BEGINNING of the parcel herein described.

The aforedescribed parcel contains 18.008 acres, more or less.

NOTE: All bearings recited herein are based on the New Mexico State Plane Coordinate System, Central Zone. All distances are expressed in local ground measurement. Mean delta-alpha for the project's approximate centroid is -00° 09' 37" (Sector Development Plan Surveys). Retracement of this perimeter and comparison with adjacent subdivisions or surveys should consider the delta-alpha applicable to that specific portion.

TOTAL MILEAGE OF STREETS CREATED = 0
TOTAL FULL WIDTH STREETS CREATED = 0
TOTAL HALF WIDTH STREETS CREATED = 0.00 MILES
TOTAL LOTS CREATED = 74
TOTAL TRACTS CREATED = 10
TOTAL PLAT AREA = 18.008 ACRES

THIS SUBDIVISION FILING COMPRISES 2 SHEETS:
SHEET 1 OF 2 - Cover Sheet and Free Consent
SHEET 2 OF 2 - Plat of Geometry - Unit One

I, Cliff A. Spirock, under the laws of New Mexico, certify that I am a Registered Land Surveyor and that this plat was prepared by me, or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and survey of the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

COMMUNITY SCIENCES CORPORATION

Cliff A. Spirock, N.M.L.S. #4972

1 2 3 4 5 6 7 8 9 10 11 12
2 0 0 6 4 0 1 2 2 8

Prepared by:

Community Sciences Corporation
Corrales, New Mexico

C-28-6A
SHEET 2A OF 14

Sheet 1 of 2

79-159

D9-159(2)

(2) 651-69

NOTE: Unless otherwise indicated:

1) All bearings are referenced to the New Mexico State Plane Coordinate System (Central Zone) having a delta alpha angle of -00° 09' 37" (Sector Plan Centroid).
2) Dimensions along curved lines are arc lengths.
3) All side lot lines are perpendicular to front lot line or radial (noted N/R if not radial).
4) All lots and parcels within this subdivision are subject to Declaration of Restrictive Covenants filed separately from this plat.
5) All block corners indicated thus (—⊙—) shall be permanently identified by steel pin and aluminum cap bearing L.S. #4972.

SCALE IN FEET

(3) 651-69

T.11 N., R.4 E.

PROJECTED SECTION CORNER
BRASS CAP 1-D-21 CITY
STATE PLANE COORDINATES
Y= 1,513,473.51
X= 415,462.45
ELEV.= 5637.38
GROUND TO GRID FACTOR = 0.9996405

20 21 / 29 28

79 57342

State of New Mexico
County of Bernalillo
This instrument was filed for record

AUG
at o'clock M.
and recorded in Book D9 Page 159
Linda Stanley County Clerk and Ex-Officio
Deputy Clerk

TRACT 83 (1.254 Ac.)
TRACT 84 (0.577 Ac.)
TRACT 77 (0.577 Ac.)
TRACT 80 (0.137 Ac.)
TRACT 81 (0.004 Ac.)
TRACT 78 (2.598 Ac.)
TRACT 79 (0.078 Ac.)
TRACT 85 (0.063 Ac.)
TRACT 82 (0.009 Ac.)
TRACT 76 (1.982 Ac.)
TRACT 75 (0.484 Ac.)

ACCESS, DRAINAGE & UTILITY ESMT.
DRAINAGE, ACCESS & UTILITY ESMT.
DRAINAGE, ACCESS & UTILITY EASEMENT
ACCESS & DRAINAGE EASEMENT
20' UTILITY EASEMENT
30' SEWER AND WATER ESMT. (NOT TO INCLUDE OTHER UTILITIES)
30' WATER & DRAINAGE ESMT.
30' UTILITY ESMT
DRAINAGE, ACCESS & UTILITY ESMT.
DRAINAGE, ACCESS & UTILITY EASEMENT
15' ACCESS & UTILITY EASEMENT
15' ACCESS B UTILITY EASEMENT
15' UTILITY EASEMENT
7' DRAINAGE ESMT.
14' UTILITY EASEMENT
7' UTILITY EASEMENT
7' UTILITY ESMT.
15' DRAINAGE ESMT.
DRAINAGE, ACCESS & UTILITY EASEMENT
DEDICATED RIGHT-OF-WAY
ACADEMY ROAD N.E.
UNPLATTED

N 64°56' 20" E 557.09
S 49°15' 42" W 556.00
N 44°54' 26" E 99.51
S 21°05' 31" E
S 65°21' 52" E 13.59
N 04°26' 10" W 45.43
N 17°45' 00" W 36.00
R=132.00 L=21.21
R=168.00 L=37.71
N 49°06' 30" W 70.05
N 49°06' 30" W 164.19
N 49°06' 30" E 40.09
N 39°06' 30" E 40.09
N 40°53' 30" W 30.00
S 49°06' 30" W 398.12
S 49°06' 30" W 111.52
S 40°53' 30" E 53.00
S 49°06' 30" W 783.79
S 70°19' 33" W 49.42
N 62°22' 45" E 129.34
S 68°11' 55" E 20.02
R=463.83 L=142.55
N 70°15' 11" E 53.87
R=452.00 L=42.68
S 30°30' 15" E, 20.91'
R=407.88 L=88.17
S 33°21' 50" E 91.28
S 68°23' 37" W 123.16
S 20°04' 17" E 38.97
R=229.00 L=101.78
S 74°30' 00" E 44.14
S 00° 10' 12" W 178.27
N 89°49' 48" W 222.20
R=851.70 L=610.34
N 72°13' 22" E 123.90
N 72°13' 22" E 263.28
N 62°48' 41" E 157.08
S 62°48' 41" W 123.03
S 62°48' 41" W 121.02
S 60°26' 46" W 87.37
S 60°26' 46" W 96.35
N 60°26' 46" E 96.02
N 60°26' 46" E 122
S 60°26' 46" W 122
N 60°26' 46" E 125.09
S 60°26' 46" W 112
S 60°26' 46" W 112
N 60°26' 46" E N/R
S 60°26' 46" W N/R
S 24°45' 14" E 100.00
N 24°45' 14" W 100.00
N 24°45' 14" W 101.46
N 24°45' 14" W 101.55
N 24°45' 14" W 101.55
N 24°45' 14" W 101.55
N 24°45' 14" W 101.55
S 24°45' 14" E 101.55
S 24°45' 14" E 101.55
S 24°45' 14" E

UNPLATTED

N77°59'29"E 432.09

N54°19'25"E 341.30

N35°27'35"E 123.35

N10°38'27"E 198.49

S74°12'48"W

N55°21'52"E 131.59

N04°36'10"W 45.43

R=132.00 L=21.21

N85°23'50"W 26.00

R=168.00 L=37.71

N40°54'50"W 111.32

N49°06'36"E 40.00

N19°06'20"E 40.00

N49°06'36"E 30.00

S49°06'36"W 398.12

N66°28'31"E 418.15

N75°49'19"E 278.11

S68°11'55"E 64.62

N70°19'11"E 97.99

R=452.00 L=42.68

R=402.68 L=68.17

S33°21'10"E 91.28

S00°23'37"E 123.16

S20°04'17"E 38.97

R=229.00 L=101.78

S00°23'37"W 165.38

S74°30'00"E 44.14

S00°10'10"W 178.27

R=851.70 L=610.39

Existing 4'Dia MH #2 (Type E)
W. INV. Out (15") 85.60
E. INV. In (15") 86.06
Rim (Exist) 98.11

Existing 4'Dia MH #3 (Type E)
W. INV. Out (15") 96.15
E. INV. In (18") 96.20
Rim (Exist) 103.40

Exist. 4'Dia MH #3 (Type E)
W. INV. Out (15") 10.03
E. INV. In (15") 10.32
Rim (Exist) 15.87

Exist. 4'Dia MH #4
W. INV (15") 89.39

Existing Tierras 5-A Manhole
E. INV. (15") 85.76 23 (Feet)
S. INV. (36") 83.65 89
Approx. Exist rim = 96.5

Pino Arroyo Flood Hazard Study - Control Sections

Existing 15" Sanitary Sewer

GRADE UNIFORM @ 5.00%

GRADE UNIFORM @ 2.78% (16" per 48')

GRADE UNIFORM @ 2.76%

GRADE UNIFORM @ 2.70%

Future 30' B.C.F.

Future 48' B.C.F.

30' (F-F) Estate Collector

28' (F-F) Estate Collector

EAST LIMIT OF BUILDABLE AREA LOT 1

OPTIONAL RETAINING WALL PER DEVELOPER'S ARCHITECTURAL PLANS ON PERIMETER WALL

ACADEMY ROAD NE

NOTE: Future Common Area and Drainage Easement

NOTE: See site development plan and architectural details for perimeter wall design.

Benchmark
NGS Brass Cap
Elev. 5598.65

B.M. = Brass cap located on the north R.I.P. of Academy Road, 30 feet east of the intersection of Concordia Road. Elev. = 5598.55

Pino Arroyo Flood Hazard Study - Control Sections

retain to elev. 12.0
retain to elev. 13.0
retain to elev. 19.0
retain to elev. 20.0
retain to elev. 21.0
retain to elev. 22.0
retain to elev. 97.0
retain to elev. 98.0

SCALE: 1 = 50'

## LEGEND

- Retaining wall locations. Elevations (minimums) per architectural plans and as noted.
- 1.26% — Flow arrow (street drainage) and gradient.
- 98.1 — Minimum finished floor elevation (taken from Flood Hazard Study Sections) to be adhered to in Architectural Control Committee Review.
- 27.13 — Spot elevation, top of curb design (indicated "T.C.").
- 27.2 — Spot elevation, this grading plan (± 0.1').
- Swale to be constructed, this plan.
- 99 — Finish grade contour, this plan.
- Swale and finish lot grading to be accomplished by builder in accordance with Architectural Control Committee Review.

NOTE: Attached townhouses (2 sides). Roof runoff to be directed toward front of units (Architectural Control Requirement) except for adjacent golf course construction.

KENT M. WHITMAN — STATE OF NEW MEXICO — NO. 10170 — REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION
CONSTRUCTION BY
DATE
SURVEYED BY
DATE
DRAWING FILE INFORMATION
DRAWN BY
DATE
CHECKED BY
DATE

SURVEY INFORMATION
BENCH MARKS
P.I.B.M. North flange bolt on Fire Hydrant at the southeast corner of Academy Rd., NE, and Donald Road. Elev. = 5613.87

NO. DATE REMARKS BY
FIELD NOTES BY DATE

REFERENCES
MAP NO.
BOOK NO. WKG NO.
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: GRADING PLAN

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| City Engineer | | | Street Maint. | | |
| A.C.E.-Design | | | Traffic | | |
| A.C.E.-Hydrology | | | Water | | |

DRAWING NO. C-28-64 SHEET 3 OF 14

SCALE IN FEET

0 10 20 30 40 50 100

EXIST. MH
RIM EL. 95.11
INV. SW. 85.20
INV. NE 86.22
INV. NW RIM
ADJUST MH RIM
TO EL. 91.0

EXIST. SEWER

EXIST MH
RIM EL. 603.40
INV. SW. 96.19
INV. NE 98.90

Private Sewer Easement

EXIST. MH
RIM EL. 15.87

EXIST. MH
RIM EL. 95.5
INV. S. 64.40
INV. NW 64.52
INV. NE 78.23
ADJUST MH
RIM TO EL. 87.3

N44°54'26"E 89.51

12" CAP & BLOCKING

N04°26'10"W 45.43

15' 30' EASEMENT

Shape Channel to Rip-Rap Section, Extend to Daylight SEE DETAIL SHEET 14/14

N49°06'30"E 79.98

R=130.00
L=21.27

MH#1

EXIST. SEWER INTERCEPTOR

R=168.00
L=37.71

See Detail W/L X-ing Sh. 9

N40°53'30"W 168.24

EXIST. MH
INV. N. 62.73
INV. SW. 63.92

NOTE MAINTAIN 5' OF COVER OVER 12" WM.

N49°06'30"E 10.00

N19°06'30"E 40.00

N40°53'30"W 50.00

Connect to Exist. 12" Water With 12"x12"x12" Tapping Sleeve & Valve

S 49°06'30" W

12" GATE VALVE & 90° W/VALVE BOX

EXIST. 12" WM

398.12

ACADEMY HILLS UNIT 2

CONCORDIA ROAD

ACADEMY HILLS UNIT 4

ASPHALT ROAD

S 49°06'30" W 111.52

53.00
S 40°53'30" E

ACADEMY ROAD

R = 851.70
L = 610.38

ROAD

M.E

JTA O+18.04 (Centerline) Connect to existing Manhole JTA 2+09.28 ACADEMY RD 45 LT.

MH #1 JTA 0+29.94 8.0 RT.

MH #2 STA. 1+38.99 8.0 RT.

MH #3 STA. 1+58.81, 5.0' RT.

MH #4 STA. 4+17.56 10' AH., 5' RT.

MH #5 STA. 1+38.96 8.7 RT.

MH #6 STA. 2+29.94 8.0 RT.

MH #7 STA. 1+41.80, 5' RT.

MH #8 STA. 4+32.97, 5' RT.

MH #9 STA. 10+12.72

MH #10 STA. 5+28.72 5' RT.

MH #11 STA. 12+86.72

MH #12 STA. 14+11.49

MH #13 STA. 1+80 22' LT.

MH #14 STA. 3+04.12 MAIN ENT. RD. 21' RT.

MH #19 STA. 10+12.72 5.0 LT. STREET "A"

MH #20 STA. 12+35.79 5.0 LT. STREET "A"

MH #21 STA. 7+66 STREET "D"

See Detail W/L X-ing Sh. 9

See Detail sheet 8 for Water Storm Sewer X-ing.

N 56° 49' 29"E 287.28 Storm Sewer 30" RCP (Class III)

N 52° 29' 22"E 299.57' Storm Sewer

N 46° 20' E Storm Sewer 392.06

30" RCP (CLASS III)

48" RCP (CLASS III)

5'-8" V.C.P.

6'-6" A.C.P.

8'-6" A.C.P.

W-6" A.C.P.

W-8" A.C.P.

10" D.I.P.

8" PVC

8" W.L.

8" GATE VALVE

Existing 10" WM

See Detail

CONNECT TO EXIST. 10" WATER WITH 10"x10"x8" TAPPING SLEEVE & VALVE

90°

S68°11'55"E 64.62

53.87
N70°16'11"E

R=452.00
L=42.68

S½ 8410 & 8" CAP & BLOCKING

R=407.88
L=88.17

EXIST. MH

S39°21'50"E 91.28

6" CAP & BLOCKING

8"x6" REDUCER

123.76

S00°23'37"W

S 20°04'17" E 38.97

R=229.00
L=101.78

185.80

S03°22'31"W

S74°30'00"E 44.14

178.27

S00°13'12"W

192.0'

PUMP HOUSE

CONCORDIA ROAD (FORT WORTH AVENUE) 80' ON CENTER

UNPLATTED

Double Drop Inlet TYPE C JTA 3+34.26 MAIN ENTRANCE DR. 11.0' LT.

Single Drop Inlet TYPE C JTA 3+36.65 MAIN ENTRANCE DR. 11.0' LT.

1H #13 STA 1+80 22' LT.

1H #18 (6' DIA.)

MH #15 (6' DIA.) STA. 0+53.99 3.92' RT.

MH #16 STA. 0+70.05 3.92' RT.

MH #17 STA. 1+80.03 Street "A"

MH #18 STA. 2+08.99 6.0' RT.

MH #20 STA. 12+35.79 5.0' LT. STREET "A"

MH #21 STA. 7+66 STREET "D"

MH #22 STA. 10+12.72 5.0' LT. STREET "A"

MH #23 STA. 10+12.72 5.0' RT. STREET "A"

MH #24 STA. 12+86.72 5.0' LT. STREET "A"

MH #25 STA. 12+86.72 5.0' RT. STREET "A"

MH #26 STA. 14+11.49 5.0' LT. STREET "A"

MH #27 STA. 14+11.49 5.0' RT. STREET "A"

MH #28 STA. 1+80 22' RT.

MH #29 STA. 1+80 22' LT.

MH #30 STA. 3+04.12 MAIN ENT. RD. 21' LT.

MH #31 STA. 3+04.12 MAIN ENT. RD. 21' RT.

MH #32 STA. 3+34.26 MAIN ENTRANCE DR. 11.0' RT.

MH #33 STA. 3+36.65 MAIN ENTRANCE DR. 11.0' LT.

1 2 3 4 5 6 7 8 9 10 11 12

20 004 0428

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER
DATE 4-17-80

SCALE: 1" = 50'

BENCH MARKS

T.B.M. North flange bolt on fire hydrant located at southeast corner of Academy Road NE. and Domail Road. Elev. = 5513.87

B.M. - Brass cap located on the north R/W line of Academy Road, 30 feet east of the projected centerline of Concordia Road. Elev. = 5598.55

SURVEY INFORMATION

| NO. | DATE | REVISIONS | DESIGNED BY | DRAWN BY | CHECKED BY |
|---|---|---|---|---|---|
| | | DESIGN | | | |

REFERENCES
MAP NO.
EST. NO.
W.U. NO.

AS BUILT INFORMATION
CONTRACTOR
CONSTRUCTION BEGAN
CONSTRUCTION COMPLETED
AS-BUILTS RECEIVED BY
AS-BUILTS CHECKED BY
RECORDED BY

GENERAL NOTES

1. Water and sewer systems workmanship and materials shall be governed by the specifications contained in the City of Albuquerque Contract Documents for city-wide utilities and Cash Paving No. 28, dated 1978.

2. The location of existing underground utilities are approximate only. The contractor shall be responsible for determining their exact location and for their protection from damage.

KENT M. WHITMAN
NO. 6170
STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: WATER AND SEWER SYSTEM LAYOUT PLAN

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| City Engineer | | | Utility Division | | |
| A.C.T.-Streets | | | Parks | | |
| A.C.T.-Hydraulics | | | Water | | |

DRAWING NO. C-28-64

SHEET 4 OF 14

THE FOLLOWING ITEMS HAVE BEEN REVISED TO REFLECT "AS-BUILT" CONDITIONS:

- SPOT TOP OF CURB ELEVATIONS.
- PROFILES ONLY, DISREGARD ELEVATIONS ON PLAN DRAWING EXCEPT WHERE NOTED.

I, GEORGE E. BURROUGHS, CERTIFY THAT THE MONUMENTS OF THE SUBDIVISION AS SHOWN HEREON WERE SET AND/OR FOUND AS NOTED AND WERE DONE UNDER MY SUPERVISION.

GEORGE E. BURROUGHS — NEW MEXICO — 3239 — REGISTERED LAND SURVEYOR

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / AS-BUILT DRAWING — BY — DATE — NOTE BOOK NO. ____ — PC STRUCTURE NOTATIONS CHKD

NOTE: TC ELEVATIONS MARKED WITH ASTERISK (*) ON PLAN DRAWINGS HAVE BEEN CHANGED TO REFLECT "AS-BUILT" ELEVATIONS. THE REMAINDER OF THE "AS-BUILT" ELEVATIONS ARE REFLECTED ON PROFILES ONLY.

## CENTERLINE CURVE DATA (ALL STREETS)

| CURVE | RADIUS | ARC | DELTA | CHORD | TANGENT |
|---|---|---|---|---|---|
| A | 305.980 | 199.224 | 37° 18' 19" | 175.723 | 103.287 |
| B | 139.052 | 139.661 | 57° 32' 48" | 133.864 | 76.360 |
| C | 432.878 | 55.579 | 07° 21' 23" | 55.541 | 27.828 |
| D | 430.878 | 227.690 | 30° 16' 37" | 225.050 | 116.570 |
| E | 417.031 | 133.416 | 18° 19' 48" | 132.848 | 67.283 |
| F | 175.498 | 118.145 | 38° 34' 17" | 115.926 | 61.409 |
| G | 150.000 | 67.850 | 25° 55' 00" | 67.273 | 34.515 |
| H | 764.869 | 41.096 | 03° 04' 43" | 41.091 | 20.553 |
| J | 764.869 | 41.085 | 03° 04' 39" | 41.080 | 20.547 |
| K | 250.000 | 34.717 | 07° 57' 24" | 34.690 | 17.387 |

NOTE: SEE SHEETS 6 & 7 FOR INTERSECTION DESIGN

GENERAL NOTES

1. Paving workmanship and materials (i.e. A.C. and P.C.C.) shall be governed by the specifications contained in the City of Albuquerque Contract Documents for city-wide utilities and Cash Paving No. 28, dated 1978.
2. Where details shown on these drawings differ from City of Albuquerque Standard Drawings these plans shall govern.

## CURB CURVE DATA

| Curve # | Radius | Arc | | | |
|---|---|---|---|---|---|
| 1 | 40.00 | 61.77 | 21 | 27.00 | 20.85 |
| 2 | 27.00 | 20.85 | 22 | 40.00 | 12.20 |
| 3 | 27.00 | 26.13 | 23 | 27.00 | 26.13 |
| 4 | 40.00 | 13.86 | 24 | 40.00 | 201.62 |
| 5 | 27.00 | 25.64 | 25 | 25.00 | 42.38 |
| 6 | 40.00 | 26.90 | 26 | 25.00 | 31.21 |
| 7 | 40.00 | 33.32 | 27 | 135.00 | 135.59 |
| 8 | 40.00 | 98.87 | 28 | 214.00 | 144.06 |
| 9 | 27.00 | 37.96 | 29 | 25.00 | 39.27 |
| 10 | 40.00 | 27.58 | 30 | 100.00 | 20.03 |
| 11 | 40.00 | 104.37 | 31 | 100.00 | 20.03 |
| 12 | 27.00 | 23.07 | 32 | 100.00 | 151.33 |
| 13 | 27.00 | 28.04 | 33 | 114.00 | 66.30 |
| 14 | 27.00 | 43.72 | 34 | 5.00 | 7.85 |
| 15 | 27.00 | 44.00 | 35 | 5.00 | 13.12 |
| 16 | 40.00 | 125.02 | 36 | 5.00 | 13.35 |
| 17 | 40.00 | 109.03 | 37 | 8.00 | 15.37 |
| 18 | 40.00 | 23.16 | 38 | 27.00 | 9.45 |
| 19 | 27.00 | 12.41 | 39 | 5.00 | 9.24 |
| 20 | 40.00 | 63.24 | | | |

B.M. = Brass cap located on the north R/W line of Academy Road, 20 feet east of the projected centerline of Concordia Road. Elev. = 5598.55

KENT M. WHITAKER — STATE OF NEW MEXICO — 6197 — REGISTERED PROFESSIONAL ENGINEER

## "A" STREET (PRIVATE STREET) RESIDENTIAL PAVEMENT

PROFILE — SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / AS-BUILT DRAWING — BY — DATE — NOTE BOOK NO. ____ — PC STRUCTURE NOTATIONS CHKD

PLATE 1 SINGLE PLAN - PROFILE
CHARLES DRUNING CO.
MADE IN U.S.A.

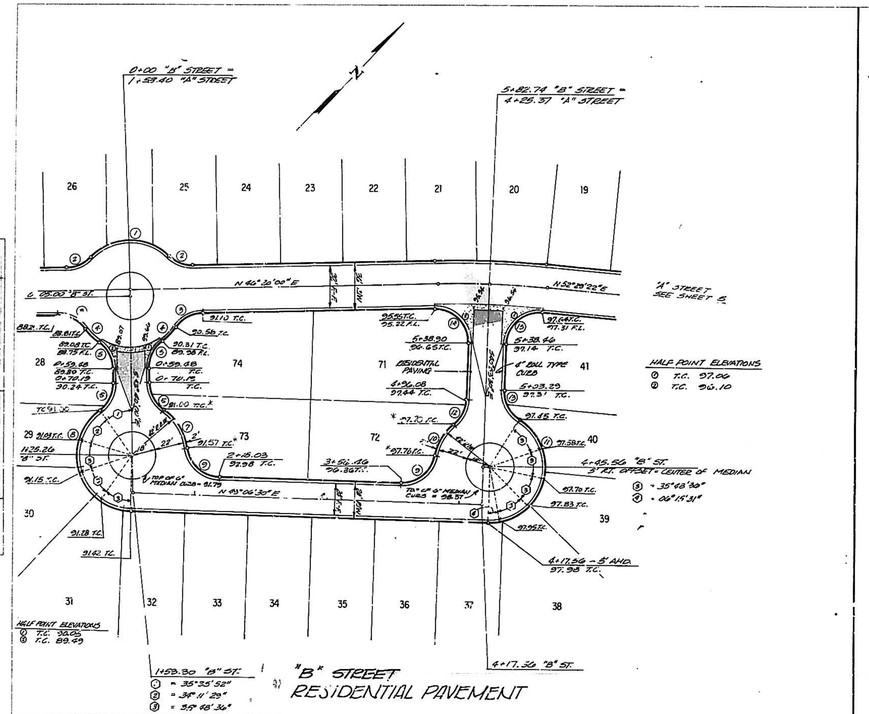
VILLAGE GREENS AT TAHOAN

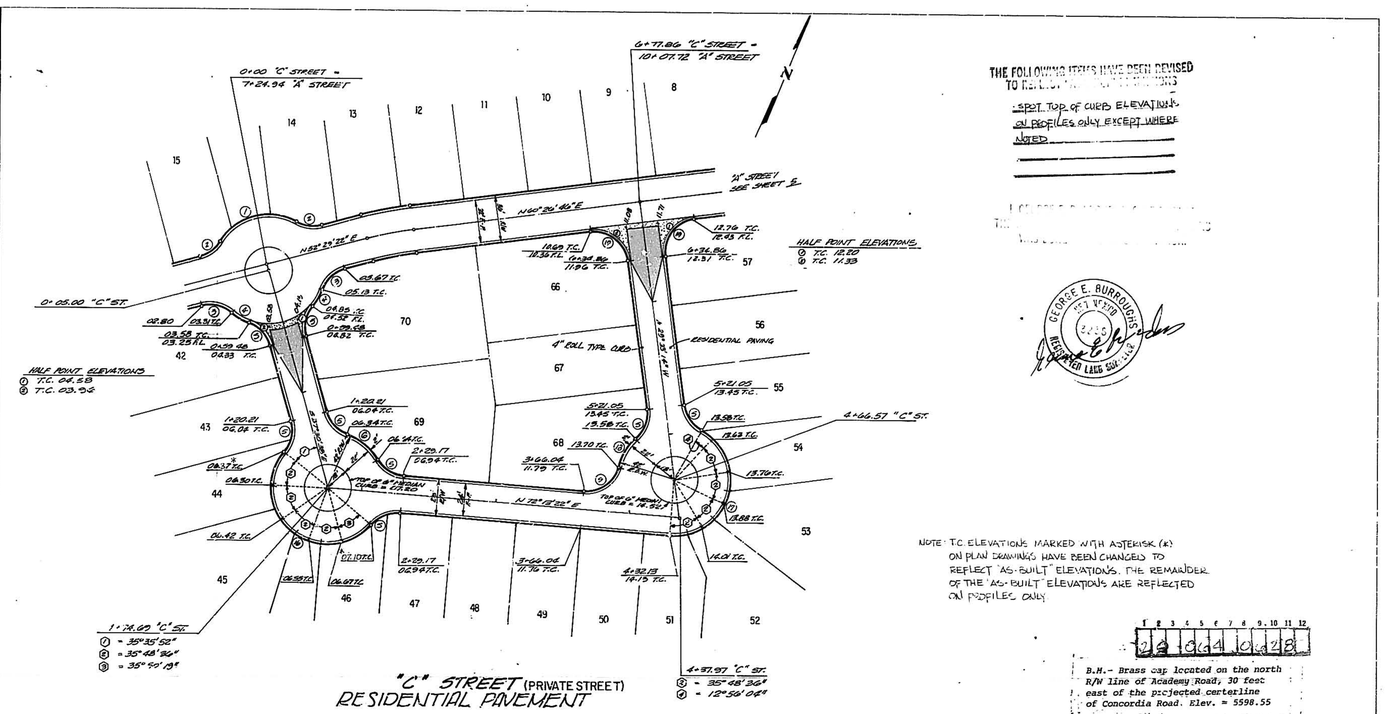
STREET PLAN & PROFILE
'A' STREET

DATE: APRIL 1979
SCALE: HORIZ. 1"=40' VERT. 1"=4'
DESIGNED: [illegible]
DRAWN: K.C.W.
JOB NO. 43-2-0005

SHEET 5 OF 14

C-28-64




THE FOLLOWING ITEMS HAVE BEEN REVISED TO REFLECT AS-BUILT CONDITIONS

- SPOT TOP OF CURB ELEVATIONS ON PROFILES ONLY EXCEPT WHERE NOTED

GEORGE E. BURROUGHS NEW MEXICO 2225 REGISTERED LAND SURVEYOR

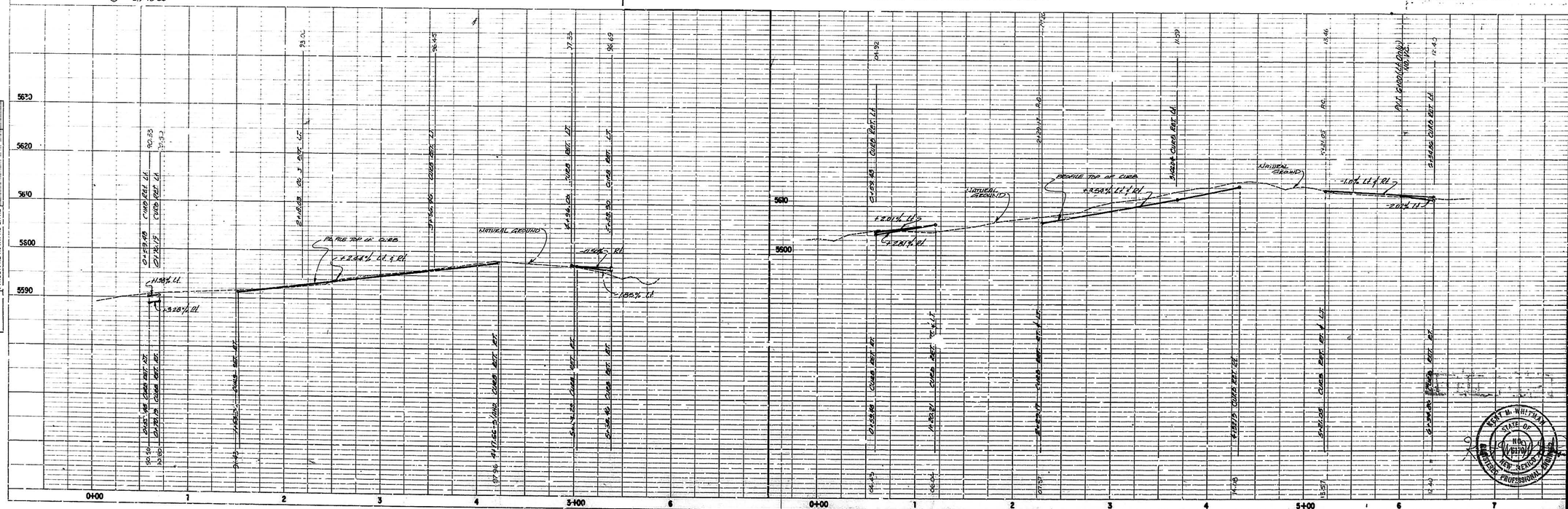
NOTE: T.C. ELEVATIONS MARKED WITH ASTERISK (*) ON PLAN DRAWINGS HAVE BEEN CHANGED TO REFLECT 'AS-BUILT' ELEVATIONS. THE REMAINDER OF THE 'AS-BUILT' ELEVATIONS ARE REFLECTED ON PROFILES ONLY.

1 2 3 4 5 6 7 8 9 10 11 12

B.M.- Brass cap located on the north R/W line of Academy Road, 30 feet east of the projected centerline of Concordia Road. Elev. = 5598.55

PLAN — SURVEYED, PLOTTED, GROUND CHECKED, RT. OF WAY CHECKED — NOTE BOOK NO. — DATE — BY

PROFILE — SURVEYED, PLOTTED, GROUND CHECKED, B.M.'s VERIFIED, STRUCTURE NOTATNS CHKD — NOTE BOOK NO. — DATE — BY




VILLAGE GREENS AT TANOAN

STREET PLAN & PROFILE

'B' & 'C' STREET

DATE: APRIL, 1972
SCALE: 1" = 50'H, 10'V.
DRAWN BY: K.E.W.
DESIGNED BY: K.C.W.
JOB NO. 42-21-0006

SHEET 6 OF 14

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
MADE IN U.S.A.

C-28-64

PLAN

| | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| GRADES CHECKED | | |
| R/W & LOT LINES CHK'D | | |
| STRUCTURE NOTATNS CHK'D | | |

NOTE BOOK
NO.

THE FOLLOWING ITEMS HAVE BEEN REVISED TO REFLECT "AS-BUILT" DIMENSIONS

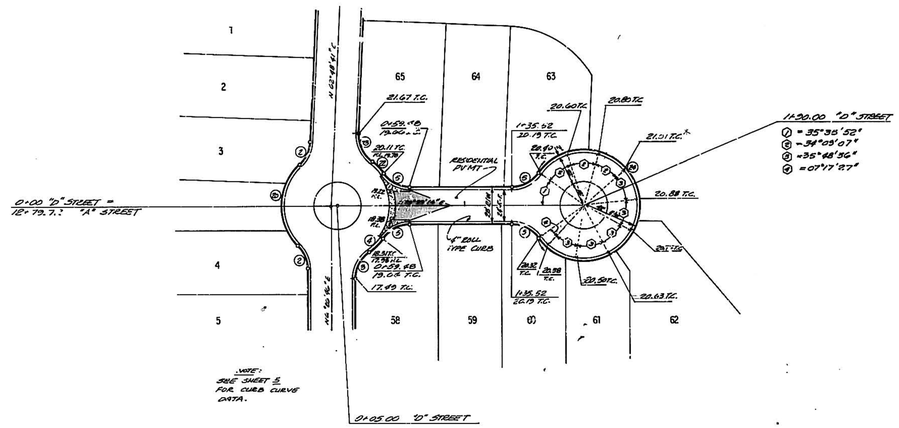
- SPOT TOP OF CURB ELEVATIONS on PROFILE ONLY EXCEPT WHERE NOTED.

I, GEORGE E. BURROUGHS, CERTIFY THAT THE DRAWING OF THE "AS-BUILT" DIMENSIONS WAS DONE UNDER MY SUPERVISION.

GEORGE E. BURROUGHS — REGISTERED LAND SURVEYOR — NO. 7 — EXPIRES 2-28-80

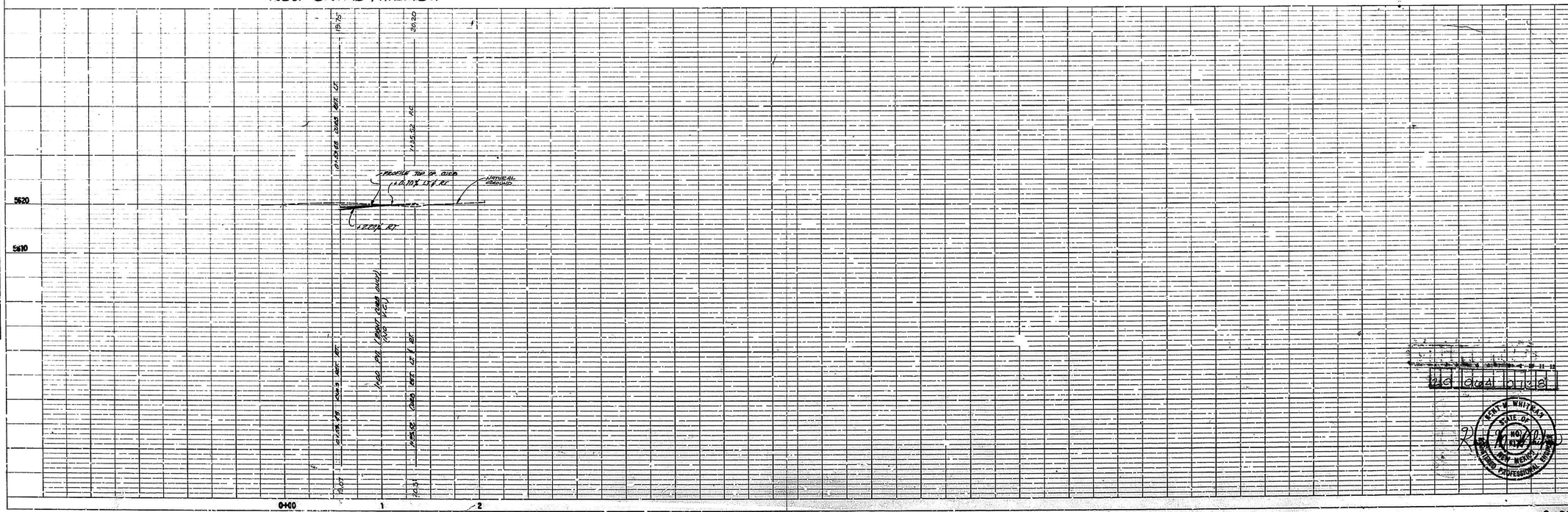
NOTE: TOP OF CURB ELEVATION MARKED W/ASTERISK (*) ON PLAN DRAWING HAS BEEN CHANGED TO REFLECT "AS-BUILT" ELEVATION. ALL OTHER "AS-BUILT" ELEVATIONS ARE REFLECTED ON PROFILE ONLY.

HALF POINT ELEVATIONS
① T.C. 19.42
② T.C. 18.68




NOTE: SEE SHEET 5 FOR CURB CURVE DATA.

"D" STREET
RESIDENTIAL PAVEMENT




VILLAGE AREAS AT TAKOMA

STREET PLAN & PROFILE
'D' STREET

DATE APRIL, 1979
SCALE 1" = 20'H, 10'V.
DESIGNED K.E.W.
DRAWN K.C.W.
JOB NO. 48-2-0008

SHEET 7 OF 14

PLATE I, SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
MADE IN U.S.A.

C-28-64

NOTE: CONTRACTOR SHALL SLOPE 6" CURB 1½/0 & 8" CURB SMOOTHLY AT EXPANS. JOINTS AS INDICATED.

① = 13°10'31"
② = 10°39'48"
③ = 13°30'57"

LEGEND
DRAINAGE DIVIDE LINES AND SEWER LINES
FLOW LEADER

NOTE: Provide Rundown Curb & Gutter Sta. 7150 - 8400 - both sides. Gutter shall slope East to West on both sides of street. Elevations on profile between these stations are "theoretical" top of 6" standup curb.

SEE SHEET 7

2"x10" (typ.) Red & White Reflectorized Material, as per City of Albuq. Requirements (2 Req'd)

6"x6" (2 Req'd)

30" Min.

BARRICADE DETAIL
No Scale

PROVIDE STANDARD DRIVEWAY CURB CUT STA. 1+59.42 to 1+81.93

6" STAND-UP CURB

PROVIDE SINGLE TYPE C INLET

6" STAND-UP CURB

PROVIDE DOUBLE TYPE C INLET

4' VALLEY GUTTER (A.V.G.)

CITY STREET

PRIVATE STREET

ARTERIAL/COLLECTOR PAVEMENT

EXIST. 14" A.C.P. W.M. - TO BE ABANDONED BY OTHERS OUTSIDE OF WORK AREA THIS CONTRACT

END CONSTRUCTION STA 10+00 CONCORDIA BARRICADE SEE DETAIL THIS SHEET

P.C.C.

NOTE: T.C. ELEVATIONS MARKED w/ ASTERISK (*) ON PLAN DRAWINGS HAVE BEEN CHANGED TO REFLECT "AS-BUILT" ELEVATIONS.

NOTE: UNDERGROUND ELECTRICAL POWERLINE PARALLELS EXISTING 16" A.C.P. WATER MAIN; 0-5 Ft. EITHER SIDE OF WATER MAIN. EXACT LOCATION IS UNDETERMINED. CONTRACTOR SHALL LOCATE POWERLINE PRIOR TO CONSTRUCTION.

B.M. - brass cap located on the north R/W line of Academy Road, 30 feet east of the projected centerline of Concordia Road. Elev. = 5598.55

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| Rev. # 1 | 5-20-76 | STREET & DIMENSIONS TO R. | C.D. |

REVISIONS

## ENTRANCE DRIVE (PRIVATE STREET)
ARTERIAL/COLLECTOR PAVEMENT SECTION

SOUTH BOUND

NORTH BOUND

PROFILE TOP OF CURB LEFT

PROFILE TOP OF CURB RIGHT

NATURAL GROUND

TOP OF CURB LEFT

TOP OF CURB RIGHT

-1.20% (LT. ONLY)

+3.71% (LT. ONLY)

+2.23% (LT. & RT.)

-3.04%

+3.01%

+0.5% (LT. ONLY)

+1.0%

100' V.C. M.O. = -0.28'

150' V.C. M.O. = +0.93'

100' V.C. (SOUTH-BOUND) M.O. = -0.19'

100' V.C. M.O. = -0.21'

200' V.C. M.O. = +1.51'

100' V.C. (NORTH-BOUND) M.O. = -0.10'

50' V.C. M.O. = -0.07'

50' V.C. M.O. = +0.53'

50' V.C. M.O. = -0.6'

50' V.C. M.O. = +0.45'

-7.45%

-8.8%

+7.25%

+7.40%

+7.40%

+7.25%

+7.35%

+7.40%

+7.40%

+7.35%

+7.40%

+7.40%

+7.35%

+7.40%

+7.40

THE FOLLOWING ITEMS WERE CHECKED TO REFLECT "AS BUILT" CONDITIONS

- HORIZONTAL SAN. STUB STATIONS
- SAN. STUB INVERTS (AT ENDS)
- MANHOLE STATIONING
- WATER SERVICE LOCATIONS
- DETAIL W/SERVICE LOCATIONS

I, GEORGE E. BURROUGHS, CERTIFY THAT THE DRAWING OF THE "AS-BUILT" DIMENSIONS WAS DONE UNDER MY SUPERVISION.

GEORGE E. BURROUGHS — NEW MEXICO — 3239 — REGISTERED LAND SURVEYOR

B.M. - Brass cap located on the north R/W line of Academy Road, 30 feet east of the projected centerline of Concordia Road. Elev. - 5598.55

EXIST. MH INV. S. 64.40 INV. NW 64.92 INV. NE 74.23

12" CAP & BLOCKING

30' Easement

45° BEND

12" GATE VALVE

SEE DETAIL SHEET 12 & 14

EXIST. SEWER MH TO REMAIN

MH #1

11 1/4° Bend

W 22°51'E 79.51

MH #15 STA. 0+33.93 3.92' Ef.

See detail W/L X-ing Sh 9

See detail W/L X-ing Sh. 9

MH #17 STA 0+81.03 STREET "A" 5678.20 5679.20 5679.01

MH #18 (DIA.)

N 60°20' E, 392.06' Storm Sewer

Water-storm sewer x-ings similar to detail sheet 5. 45° bends below storm sewer. shall be located 10' min each side of storm sewer & measured along waterline.

MH #5 STA. 4+24.39

MH #6 STA. 7+29.94

N 52°29'22" E, 299.51' Storm Sewer

N 56°49'29"E, 287.28' Storm Sewer

7+21.94 "A" STREET = 0+00 "C" STREET

4+25.37 "A" STREET = 5+82.74 "B" STREET

10+97.72 "A" STREET = 0+77.86 "C" STREET

12+79.72 "A" STREET = 0+00 "D" STREET

MH #11 STA. 12+86.72

MH #20 STA. 12+35.79 5.0' Lt. STREET "D"

MH #12 STA. 14+11.49

MH #19 STA 10+12.72 5.0' Lt. Street "A"

See detail W/L X-ing Sh.9

MH #3 STA 10+12.72

Tie to Existing 8" Line

8" Gate Valve

8" Tee w/ 8"x6" Reducer

W-6" A.C.P.

W-8" A.C.P.

W-12" A.C.P.

6" Cap & Blocking

Water-storm sewer x-ing

See detail Sheet 9 for Water-storm Sewer x-ing

"C" STREET SEE SHEET 5

"D" STREET SEE SHEET 5

B STREET SEE SHEET 5

CONSTRUCTION NOTE - UTILITIES

UTILITIES CONSTRUCTION SEQUENCE

1. Sewer services shall be constructed i. a distance of 2' beyond easement line. Depth at easement line shall be a minimum of 6' below top of curb.
2. Water services shall be constructed to curb stop. Depth of service at curb stop shall be 3' ± 1" below top of curb.
3. Public Service Company of New Mexico services lines (electrical and telephone) shall be constructed complete. Depth of service lines shall be 3' maximum below top of curb.
4. Gas Company of New Mexico shall construct service lines complete. Depth of gas lines shall be 36" below top of curb.
5. Water service lines shall be extended to easement line & fire hydrants shall be installed. Meter boxes shall be set to final grade. Depth of service line shall be maintained at 1' ± below top of curb.
6. Utility locations shall conform with the typical utility location detail shown this sheet with depth of lines at sta' 4 above.

LEGEND

| | |
|---|---|
| STORM | STORM SEWER W/MH |
| SAN | SANITARY SEWER W/MH |
| WATER | WATER MAIN |
| VCP | VITRIFIED CLAY PIPE |
| ACP | ASBESTOS CEMENT PIPE |
| RCP | REINFORCED CONCRETE PIPE |
| DIP | DUCTILE IRON PIPE |

GENERAL NOTES:

SEWER

1. Sewer service locations shown are schematic only. Sewer services shall be 15' off property line on downstream side of sewer, and a minimum of 10 ft. distant from from water services.
2. Use MH Type "C" for depths of less than 6' from invert to rim.
3. Contractor has the option to construct MH Type "C" in lieu of Type "E" MH for depths of 6' or more.
4. Existing manholes (2 ea.) adjacent to N. Boundary shall be adjusted to elevations shown on sheet 4 of 14.

WATER

1. Water system design criteria provides for 2 hour fire rating and 30" parapets between adjacent units.
2. Water services shall be 1" diameter SDR-7 polyethylene tubing - class 160.
3. Fire hydrants shall be Watrous WB-67 (4'barrel) with a 5 1/4" valve opening, 2 - 2 1/2 NST hose nozzles with cap and chain, 1 - 4 1/2 NST dumper nozzle with cap and chain, bronze to bronze seat ring, and 6" MJ inlet. (all options)
4. Fire hydrants shall be set to locations and elevations shown on the plans.
5. All tees, bends, and caps shall be blocked according to City of Albuquerque Standards.
6. All services shall be metered, including water services to common areas.
7. Curb stop and box shall conform with City of Albuquerque standards.

NOTE: WATER SERVICES ARE NOT NECESSARILY LOCATED ALONG THE SAME LE AS POWER/TELCO SERVICES.

TELCO RISER

Transformer Pad

Easement Line

Power/Telco Cables

Gas Main

Water Meter Box (HEAVY DUTY)

4' Conc. Walk

Curb Stop & Box

Water Services

Fire Hydrant - Locate back of 3½' walk

5' PNM/Telco Corridor

5' Gas Line Corridor

5' Water Meter & Hydrant Corridor

2' Curb Stop Corridor

TYPICAL UTILITY LOCATIONS Back of Curb

TYPICAL "AS-BUILT" MAIN TO SET UTILITY CONNECTIONS N.T.S.

Finished Street Grade

45° Bend w/ Thr. Block

3' Min. Cover

6" Waterline

6" D.I.P. Sch. 50 Sleeve

6" D.I.P. w/ Fl. Connection

45° Elbow

SECTION B-B (TYPICAL) WATER-STORM SEWER CROSSING N.T.S.

"A" STREET

SCALE: 1" = 10' VERT. 1" = 50' HORIZ.

MH #1 (DROP MANHOLE) RIM 86.80

MH #2 RIM 90.30

MH #3 RIM 96.68

MH #4 RIM 96.88

MH #5 RIM 96.88

MH #6 RIM 96.88

MH #7 RIM 96.88

MH #8 RIM 96.88

MH #9 RIM 96.88

MH #10 RIM 96.88

MH #11 RIM 96.88

MH #12 RIM 96.88

MH #13 RIM 96.88

MH #14 RIM 96.88

MH #15 RIM 96.88

MH #16 RIM 96.88

MH #17 RIM 96.88

MH #18 RIM 96.88

MH #19 RIM 96.88

MH #20 RIM 96.88

3' MIN. COVER (PAVT', TOP OF PIPE (TYPICAL)

2.54% LT. of ST.

2.64% LT. of ST.

6" WATER

8" WATER

8" Water

Inv. SW 17.11

Inv. SW 12.09

Inv. SW 8.59

Inv. SW 4.09

Inv. NE 75.05

1' MH. Drop 65.65

Inv. N-S 64.15

Inv. SW 80.56 NE 80.93 SE 80.99

Inv. SW 87.42 NE 87.83

Inv. SW 93.28 NE 93.68 SE 93.71

Inv. NE 98.75 SE 98.98

Inv. SW 103.28 NE 103.68 SE 103.71

Inv. SW 108.28 NE 108.68 SE 108.71

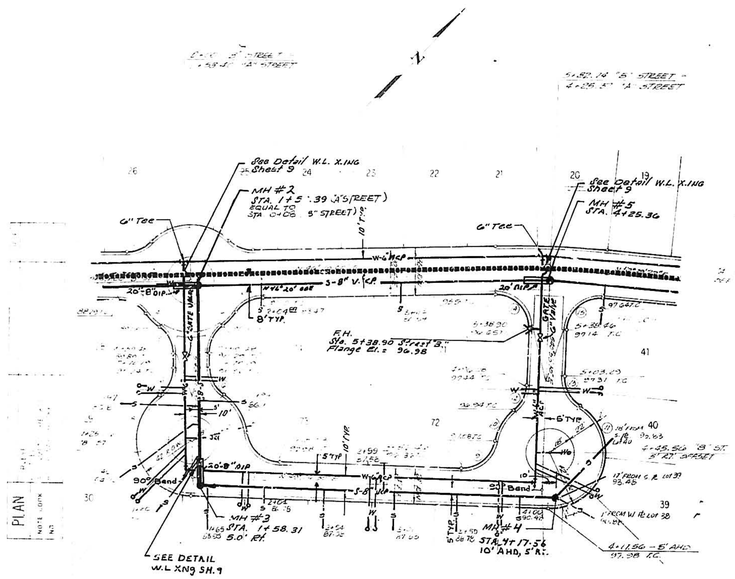
Inv. SW 113.28 NE 113.68 SE 113.71

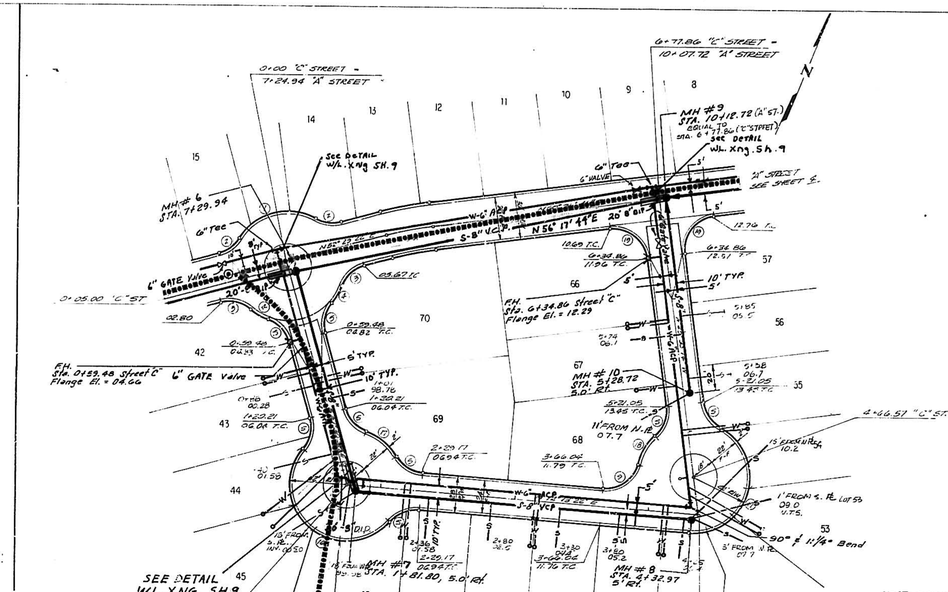
Inv. SW 118.28 NE 118.68 SE 118.71

Inv. SW 123.28 NE 123.68 SE 123.71

Inv. SW

10-14




THE FOLLOWING ITEMS HAVE BEEN REVISED TO REFLECT "AS-BUILT" DIMENSIONS

- SAN. STUB STATIONING
- SAN. STUB INVERTS (AT ENDS)
- MANHOLE STATIONS
- WATER SERVICE LOCATIONS
- DIMENSIONING FROM STORM TO SAS
  - REMOVAL OF WATER VALVE @ STA. 0+96.22 (A' STREET)
  - ADDITION OF WATER VALVE @ STA 0+93.22 ± (A' STREET)

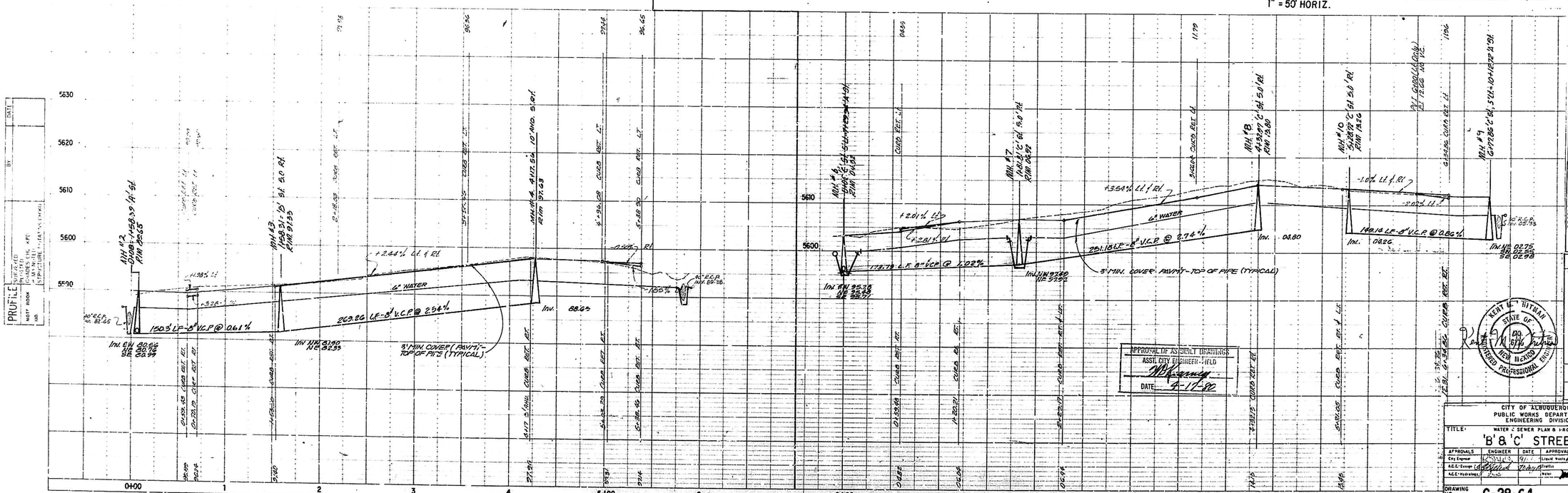
I, GEORGE E. BURROUGHS, CERTIFY THAT THE DRAWING OF THE "AS-BUILT" DIMENSIONS WAS DONE UNDER MY SUPERVISION.

GEORGE E. BURROUGHS — NEW MEXICO — 5985 — REGISTERED PROFESSIONAL ENGINEER — THE SURVEYOR

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 06 | 4 | 1 | 02 | 18 | | | | | | |

B.M. - Brass cap located on the north R/W line of Academy Road, 30 feet east of the projected centerline of Concordia Road. Elev. = 5598.55

SCALE: 1" = 10' VERT.
1" = 50' HORIZ.




APPROVAL OF AS-BUILT DRAWINGS
ASSIT. CITY ENGINEER - FIELD
DATE 4-17-80

YEARY W. TITTMAN — STATE OF NEW MEXICO — 6719 — REGISTERED PROFESSIONAL ENGINEER

| AS BUILT INFORMATION | |
|---|---|
| CONTRACTOR | |
| DATE | |
| SUPERINTENDENT | |
| ENGINEER | |
| SURVEYED BY | |
| DRAWN BY | |
| CHECKED BY | |
| MICRO-FILM INFORMATION | |
| ROLL NO. | |
| DRAWING NO. | |
| DATE | |

SURVEY INFORMATION

| NO. | DATE | FIELD NOTES BY | STATE |
|---|---|---|---|
| | | | |

REFERENCES

| MAP NO. | |
|---|---|
| EST. NO. | |
| W.O. NO. | |

| NO. | DATE | REVISIONS DESIGN | BY | DATE |
|---|---|---|---|---|
| | | REMARKS | | DATE |

DESIGNED BY
DRAWN BY
CHECKED BY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

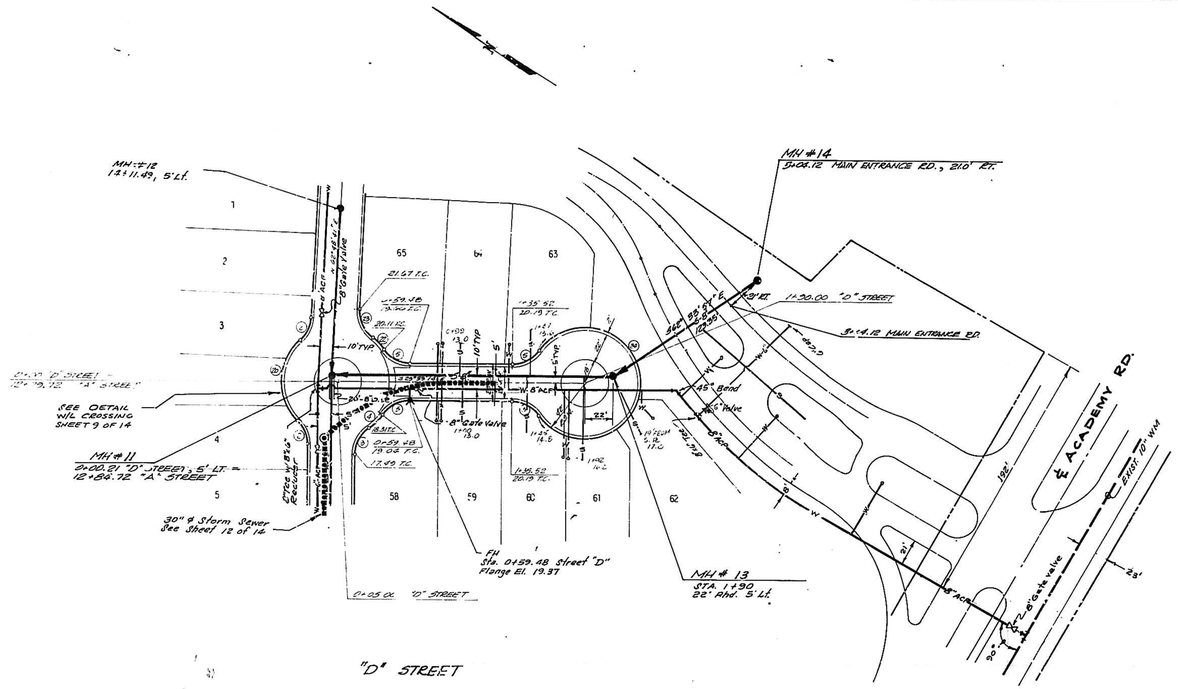
TITLE: WATER & SEWER PLAN & PROFILE

'B' & 'C' STREET

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| City Engineer | | | Liquid Waste | | |
| A.C.E.-Design | | | Utilities | | |
| A.C.E.-Hydrology | | | Water | | |

DRAWING NO. C-28-64 — SHEET OF 10 14

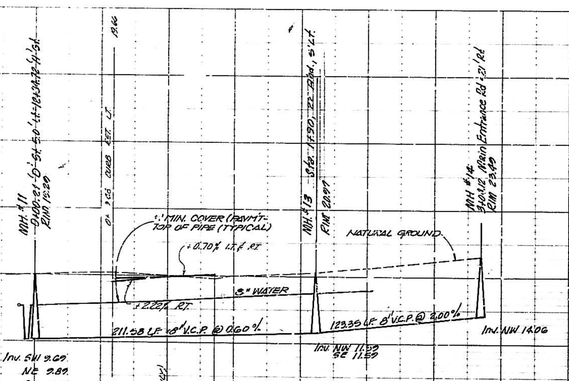
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
MADE IN U.S.A.

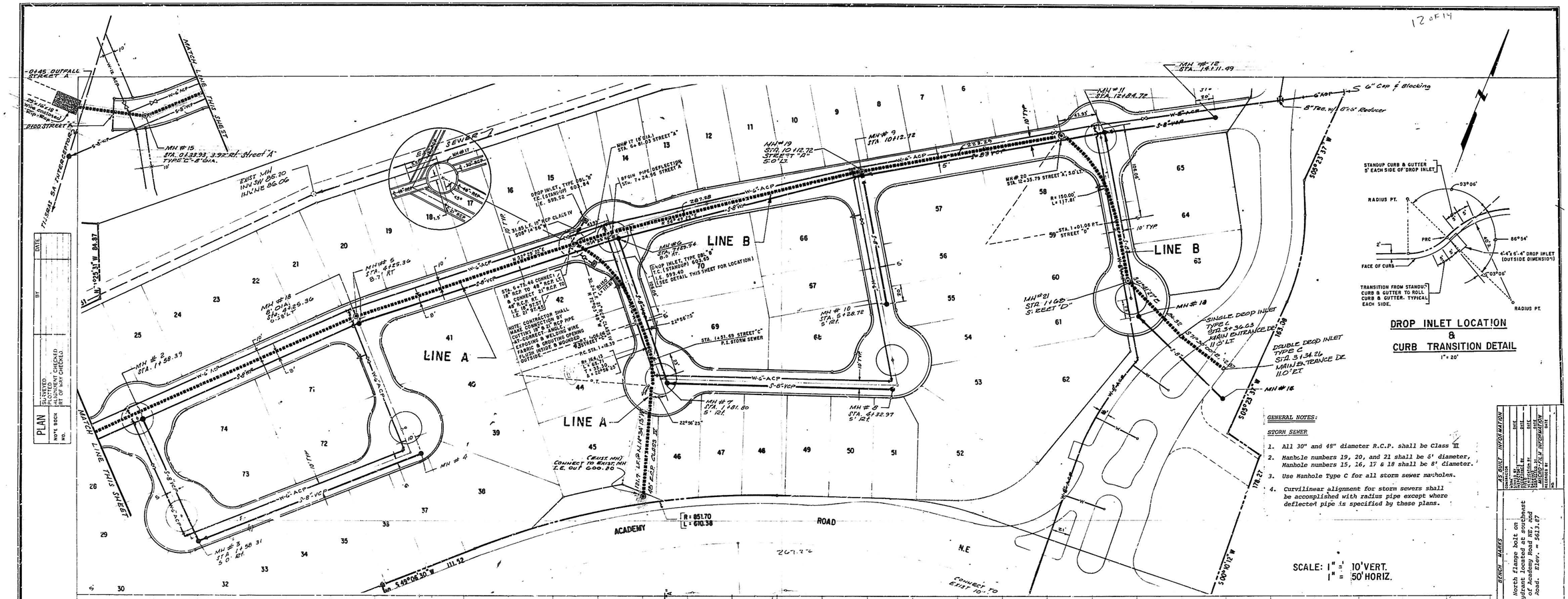



"D" STREET

SCALE: 1" = 10' VERT.
1" = 50' HORIZ.

B.M.- Brass cap located on the north R/W line of Academy Road, 30 feet east of the projected centerline of Concordia Road. Elev. = 5598.55


MH #11
Sta. 0+00.21 "D" St. Lt.
Rim 5610.39
Inv. SW 5609
Inv. NE 5589
Inv. SE 5610.12
1' MIN. COVER (REMOVE TOP OF PIPE (TYPICAL)
0.70% 12.8 cfs
NATURAL GROUND
8" WATER
12.22 cfs
211.08 LF 8" V.C.P. @ 0.60%
MH #13
Sta. 1+90
22° Rhd. 5' Lt.
Rim 5607
Inv. SW 5602.22
Inv. NE 5602.22
Inv. SE 5602.22
12.35 cfs
12.35 cfs (DIRECT FLOW)
12.35 cfs (DIRECT FLOW)
12.35 cfs
12.35 cfs
12.35 cfs




## DROP INLET LOCATION & CURB TRANSITION DETAIL

1" = 20'

GENERAL NOTES:

STORM SEWER

1. All 30" and 48" diameter R.C.P. shall be Class III
2. Manhole numbers 19, 20, and 21 shall be 5' diameter, Manhole numbers 15, 16, 17 & 18 shall be 8' diameter.
3. Use Manhole Type C for all storm sewer manholes.
4. Curvilinear alignment for storm sewers shall be accomplished with radius pipe except where deflected pipe is specified by these plans.

SCALE: 1" = 10' VERT.
1" = 50' HORIZ.

BENCH MARKS

T.B.M. North flange bolt on fire hydrant located at southeast corner of Academy Road NE, and Donald Road. Elev. = 5613.67

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.
W.O. NO.
REFERENCES
MAP NO.
EST. NO.

AS BUILT INFORMATION
CONTR. CO.
START DATE
FINISH DATE
SUBSTANTIAL COMPLETION DATE
MICRO-FILM INFORMATION
ROLL NO.
DATE

NO. DATE REMARKS BY
REVISIONS
DESIGNED BY
DRAWN BY
CHECKED BY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: STORM SEWER PLAN & PROFILE
A,C,&D STREET & MAIN ENTRANCE DR.

| APPROVALS | ENGINEER | DATE | APPROVALS | ENGINEER | DATE |
|---|---|---|---|---|---|
| City Engineer | | | Surveys | | |
| A.C.E.-Design | | | Traffic Engineering | | |
| A.C.E.-Projects | | | Transportation Director | | |

DRAWING NO. C-28-64 SHEET 12 OF 14

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / FIELD BOOK / NOTE BOOK / NO. / DATE / BY

PROFILE: SURVEYED / PLOTTED / GRADE CHECKED / FIELD BOOK / NOTE BOOK / NO. / STRUCTURE NOTATIONS CHKD / DATE / BY

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
MADE IN U.S.A.

UNPLATTED

N

0 10 20 30 40 50 100
SCALE IN FEET

7.5' CART PATH AS PER GOLF COURSE ARCHITECT

4' CONC. WALK

100'

15'

30'

20'(typ)

18'(typ)

12'

ACADEMY ROAD

6' CONC. SIDEWALK

N.F.

PAINT STRIPING FUTURE W/ GATEHOUSE

GATEHOUSE

6' CONC. WALK

398.12

S 49°06'30" W

ACADEMY HILLS UNIT 2

ACADEMY HILLS UNIT 4

UNPLATTED

UNPLATTED

1 2 3 4 5 6 7 8 9 10 11 12
20 0 6 4 13 2 0

ALBERT M. WEBER
STATE OF NEW MEXICO
NO. 9170
REGISTERED PROFESSIONAL ENGINEER

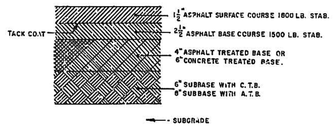
C-28-64

VILLAGE GREENS AT TANOAN

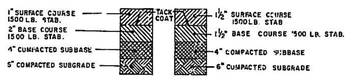
# SIDEWALK & STRIPING PLAN

DATE APRIL 1979
SCALE 1" = 50'
DESIGNED CSC
DRAWN KEM
JOB NO. 49-2-2005

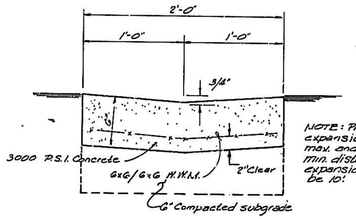
SHEET 13 OF 14 SHEETS




ARTERIAL AND COLLECTOR STREET PAVING

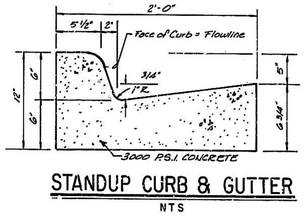



RESIDENTIAL STREET PAVING



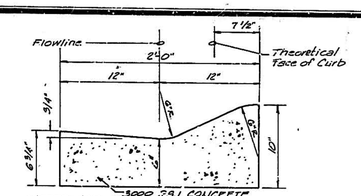

VALLEY GUTTER SECTION

NTS




STANDUP CURB & GUTTER

NTS

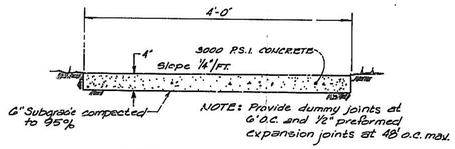



NOTES: (ALL CURBS)

1. Provide dummy joints at 6'o.c. and ½" preformed expansion joints at 48' o.c. maximum and at all curb returns. Minimum distance between expansion joints shall be 10'.
2. All edges shall be formed with a concrete edging tool.

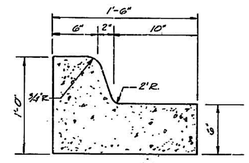
ROLL CURB & GUTTER

NTS



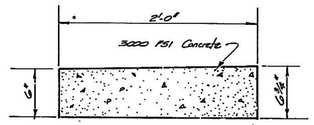

SIDEWALK DETAIL

NTS



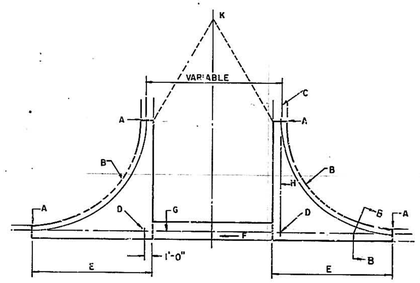

TYPE I MEDIAN CURB & GUTTER

NTS




RUNDOWN CURB & GUTTER

NTS




Valley Gutter per Detail this sheet.

GENERAL NOTES:

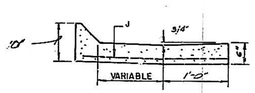
1) On upstream and downstream ends of the intersection, valley gutter construction shall extend to the end of returns.

   Invert of valley gutter shall extend from flowline of upstream curb return to flowline of downstream curb return.

2) - - - - denotes 1/2" expansion joint.

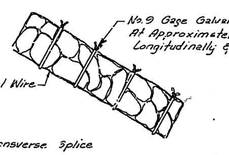
CONSTRUCTION NOTES:

A. End of curb return.
B. Expension joint located at intersection with sidewalk/wheelchair ramps.
C. Flowline street gutter.
D. Intersection of flowlines.
E. Surface and curb to be monolithic.
F. Direction of flow.
G. Flowline valley gutter.
H. Projected flowline in 3/4" invert - see general note #1.
J. 6 x 6 x No. 6 gauge wire mesh.
K. Begin crown warp to straight section.

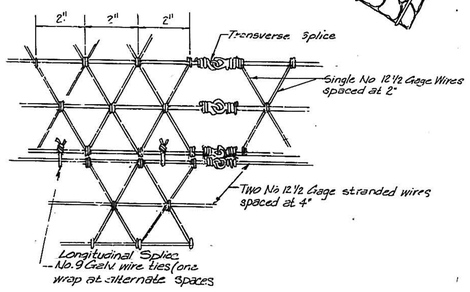



FILLET DETAIL

NTS

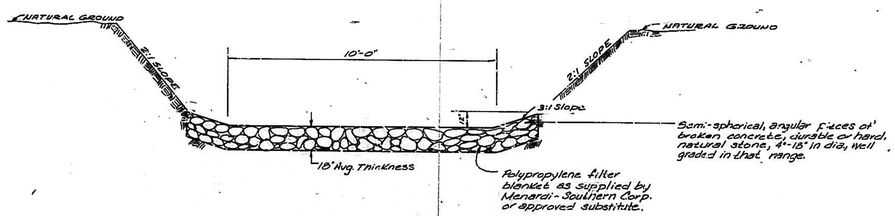



Stone sizes and weights shall be in accordance with the New Mexico Standard Specifications for Public Works Construction Section 212. All rip rap shall be placed on top of filter blanket material - Mirafi 140 or approved substitute.




WIRE ENCLOSED RIP RAP

NTS




RIP RAP CHANNEL SECTION

NTS

VILLAGE CAERNS AT TAOS

STANDARD DETAILS

1 2 3 4 5 6 7 8 9 10 11 12
2 0 0 6 4 1 1 4 2 8

KENT M. WHITNAH
NO. 6170
STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

APPR. JPB
SCALE 1"=50'
DESIGNED KMW
DRAWN JG, BLH
JOB NO. 12-0035

SHEET 14 OF 14

C-28-64