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GHIRADELLI ON GIRARD

AN ADDITION TO THE
CITY OF ALBUQUERQUE,
NEW MEXICO
DECEMBER 1980

PREPARED FOR

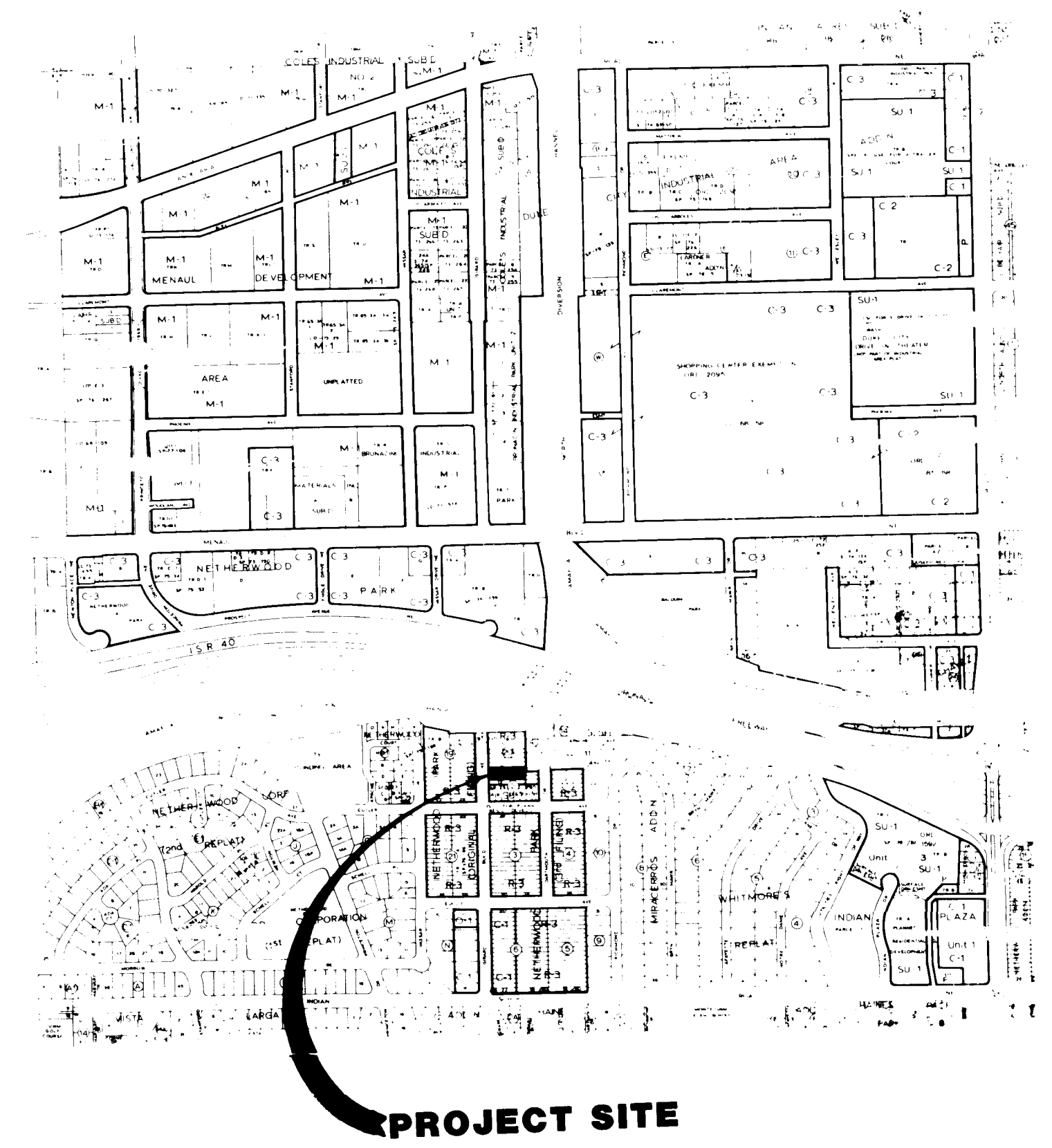
M. C. INVESTMENTS, INC.
3107 EUBANK N. E. SUITE 1
ALBUQUERQUE, NEW MEXICO 87111

PREPARED BY

TRINITY ENTERPRISES, INC.
3107 EUBANK N.E., SUITE 3
ALBUQUERQUE, NEW MEXICO 87111
505-292-7666

Richard S. Hall
CITY ENGINEER
DATE 2/23/81

[Signature]
CONSULTING ENGINEER
DATE 2/23/81

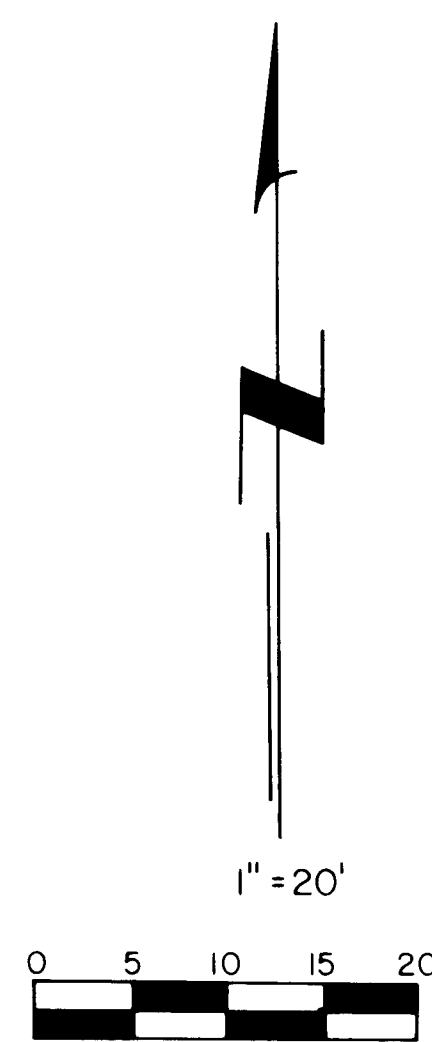
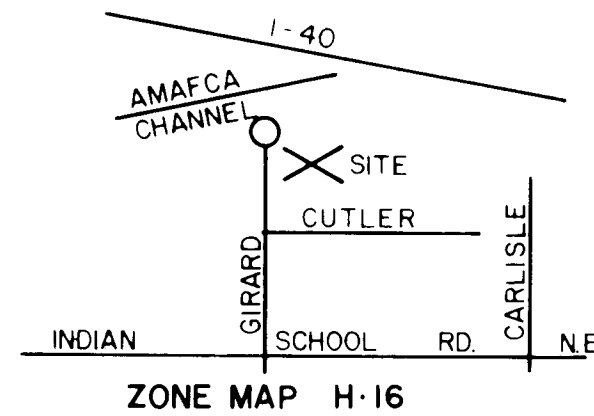


- "NOTICE TO CONTRACTORS"
1. New Mexico Standard Specifications for Public Works Construction - 1979 Edition will be referred to hereon as the "Standard Specification."
 2. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided hereon, be constructed in accordance with "Contract Documents for City-Wide Utilities and Cash Paving No. 30" and the Standard Specification."
 3. Two working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
 4. 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 a minimum amount of delay.
- THE FOLLOWING NOTES APPLY WHEN CHECKED:
- ☒ All utilities and utility service lines shall be installed prior to paving.
 - ☒ Backfill compaction shall be according to specified street use.
 - ☒ Tack coat requirements shall be determined by the City Engineer.
 - ☒ Sidewalks and wheelchair ramps with the curb returns shall be constructed wherever a new curb return is constructed.
 - ☒ If curb is depressed for a drivepad, the drivepad shall be constructed prior to acceptance of the curb and gutter.
 - ☒ All storm drainage facilities shall be completed prior to final acceptance.

LASON 1-505-344-9404
BEST COPY AVAILABLE

[Stamp]
APPROVED
DATE 2/23/81

1050



60 FOOT RIGHT OF WAY
GIRARD BOULEVARD N.E.

GHIRADELLI ON GIRARD

81 3000

AN ADDITION TO THE CITY OF ALBUQUERQUE, NEW MEXICO
DECEMBER 1980

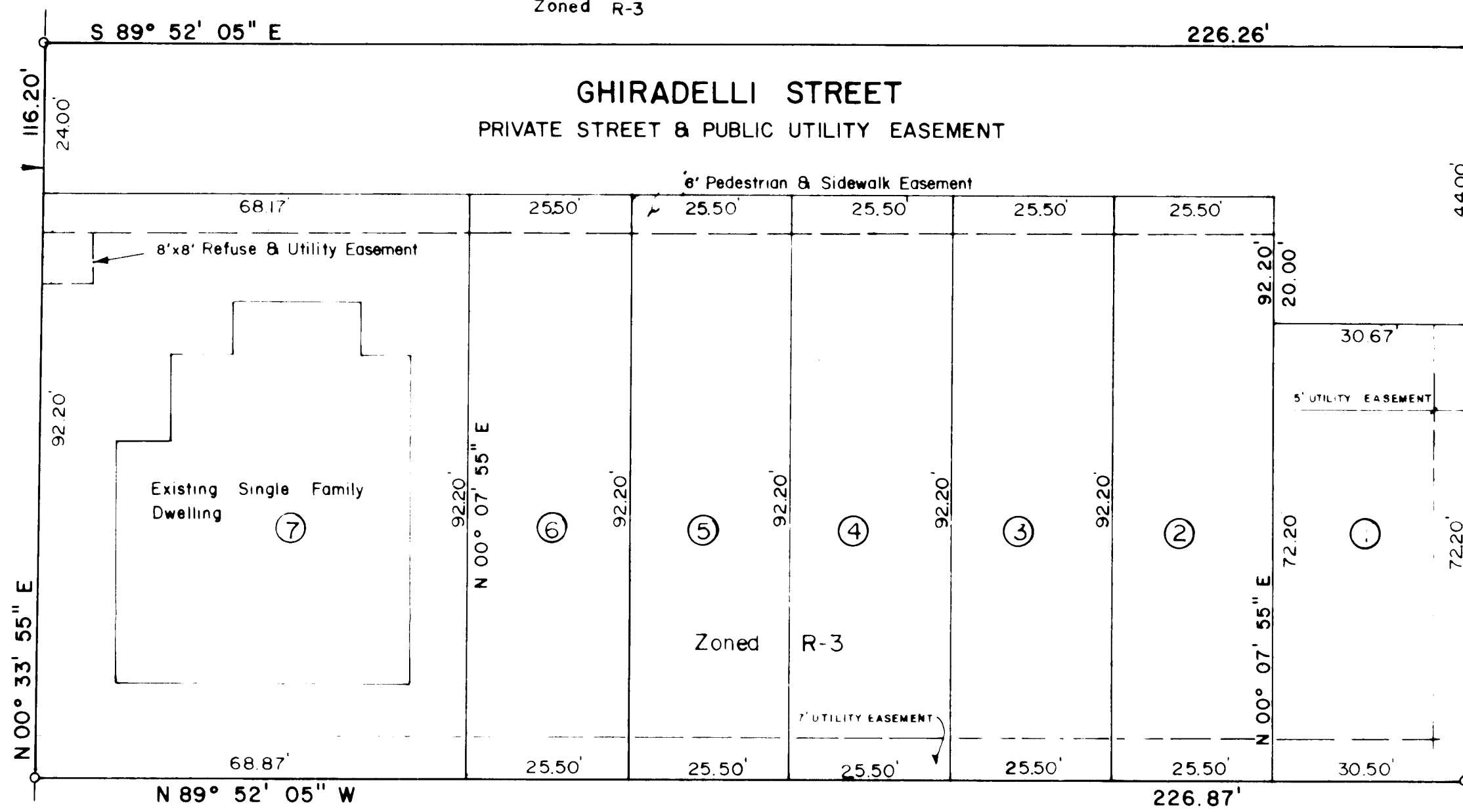
BEING A REPLAT OF LOTS 13-17, BLOCK 20, NETHERWOOD PARK
FILED MAY 20, 1931 - VOL. D1, FOLIO 7

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

At Bernalillo, New Mexico
on the 1st day of December, 1980

100' Hiatus As Per
Plat Filed Vol. B5
Folio 131

Lot B of Replat of Portions of Blocks 19 & 20
Netherwood Park (Filed Vol. B5, Folio 131)
Zoned R-3



Lot 18, Bk. 2
Netherwood Park, 3rd Filing
(Filed Vol. B2, Folio 84)
Zoned R-3

THAT PLACE ON DARTMOUTH
(Filed Vol. D9, Folio 145)
Zoned R-3

NOTES

1. The plat was prepared by the Surveyor General of the State of New Mexico, and is subject to the approval of the State Engineer.
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DEDICATION

The undersigned, the Surveyor General of the State of New Mexico, do hereby certify that the above described land is dedicated to the public use of the State of New Mexico, and that the same is subject to the approval of the State Engineer.

Jack M. Thompson

Witness my hand

APPROVALS

Richard S. Neller 1/16/81
Robert D. Jorgensen 1-9-81
Richard S. Neller 1/14/81
Richard S. Neller 1-12-81
Santhel Howard 1/9/81

LEGAL DESCRIPTION

The above described land is located in Block 20, Netherwood Park, and is subject to the approval of the State Engineer. The plat was prepared by the Surveyor General of the State of New Mexico, and is subject to the approval of the State Engineer.

SURVEYORS CERTIFICATE

I, Gordon L. Neller, under the laws of the State of New Mexico, do hereby certify that I am a duly registered Professional Land Surveyor, and that this plat was prepared by me or under my supervision, and meets the minimum requirements for accuracy and survey of the above described Subdivision. I further certify that the plat is correct to the best of my knowledge and belief.

Gordon L. Neller 1/14/81
Edon J. 990, 1st St. N. M.

Trinity Enterprises Inc.

LOT	ACREAGE	LOT	ACREAGE
1	0.0507	5	0.0540
2	0.0540	6	0.0540
3	0.0540	7	0.1450
4	0.0540	Priv. St.	0.1387

990-10500282

DRAINAGE & GRADING PLAN FOR GHIRADELLI GIRARD PROJECT

BO K. JOHNSON
PROF. ENGR. NO. 5922

11-24-80
REVISED 2-10-81

SCALE 1"=10'

Undeveloped Drainage Characteristic

- Total Acreage = 26,363 s.f. (0.61 acres)
- Runoff Co-efficient: (undeveloped)
Adobe Bldg. = 2,478 s.f. @ C = 0.95 C x A = 2354
Yard = 23,885 s.f. @ C = 0.30 C x A = 7166
26,363 9519
Composite C = $\frac{9,519}{23,363} = 0.36$
- Use Intensity of 5 minutes from U.S.W.B. date (1973)
100 year storm
 $\frac{0.55}{5/60} = 6.6$ inches/hr.
- $Q = CIA = (0.35)(6.6)(26,363) = 1.4$ c.f.s. = Q_{100} Undeveloped
- Determine Developed runoff rate and determine it feasible to discharge to street, run 40 feet to drop inlet. Capacity:
Adobe Bldg. = 2,478 @ C = 0.95 = 2,354
Paved Area & Driveway = 7,397 @ C = 0.95 = 7,027
Roof Area = 8,411 @ C = 0.95 = 7,990
Yard Area = 8,076 @ C = 0.35 = 2,827
26,363 s.f. 20,198
Concrete C = $\frac{20,198}{26,363} = 0.77$

Developed Runoff Rate =
 $(0.77)(6.6)(26,363) = 3.1$ c.f.s.

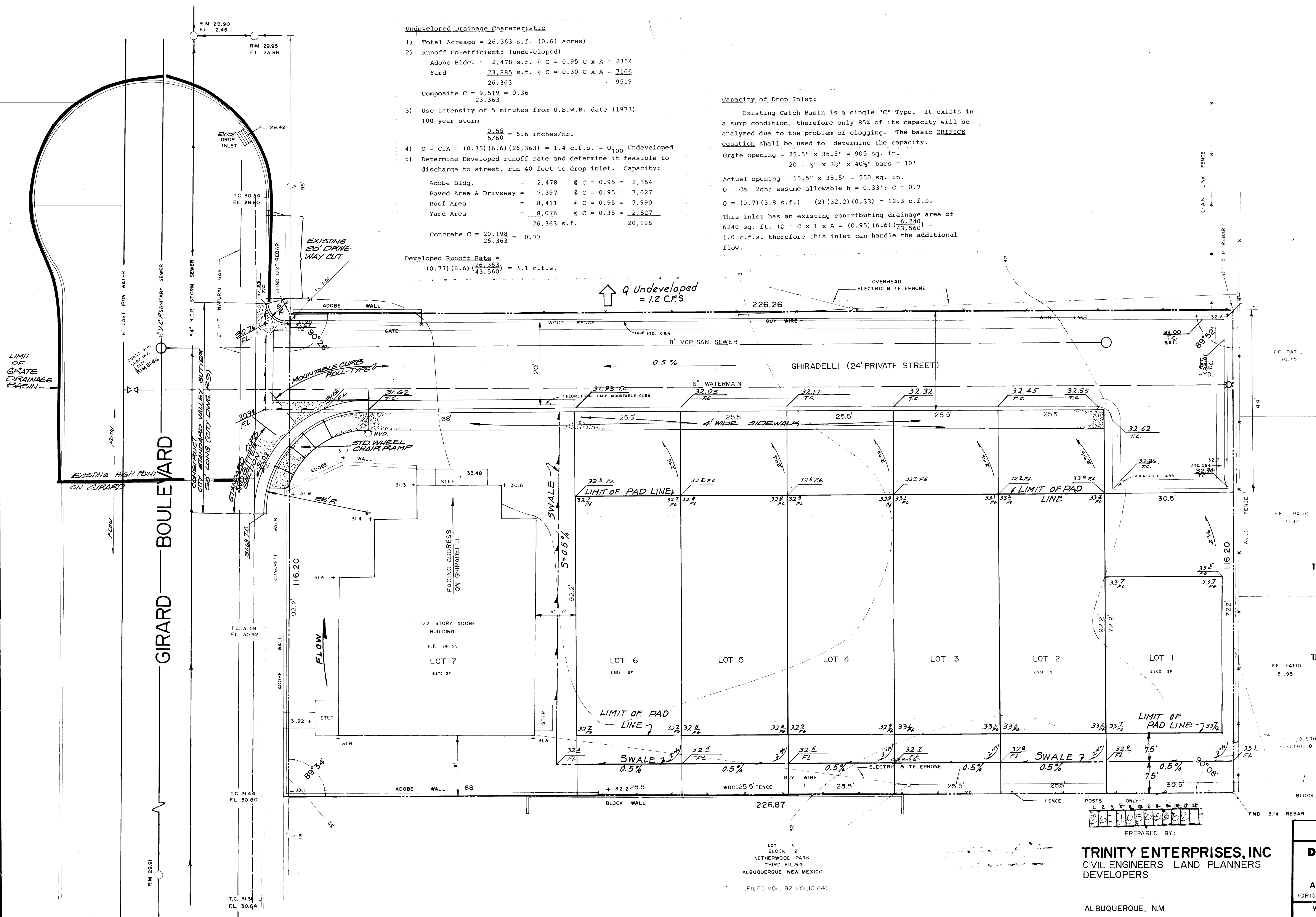
Capacity of Drop Inlet:

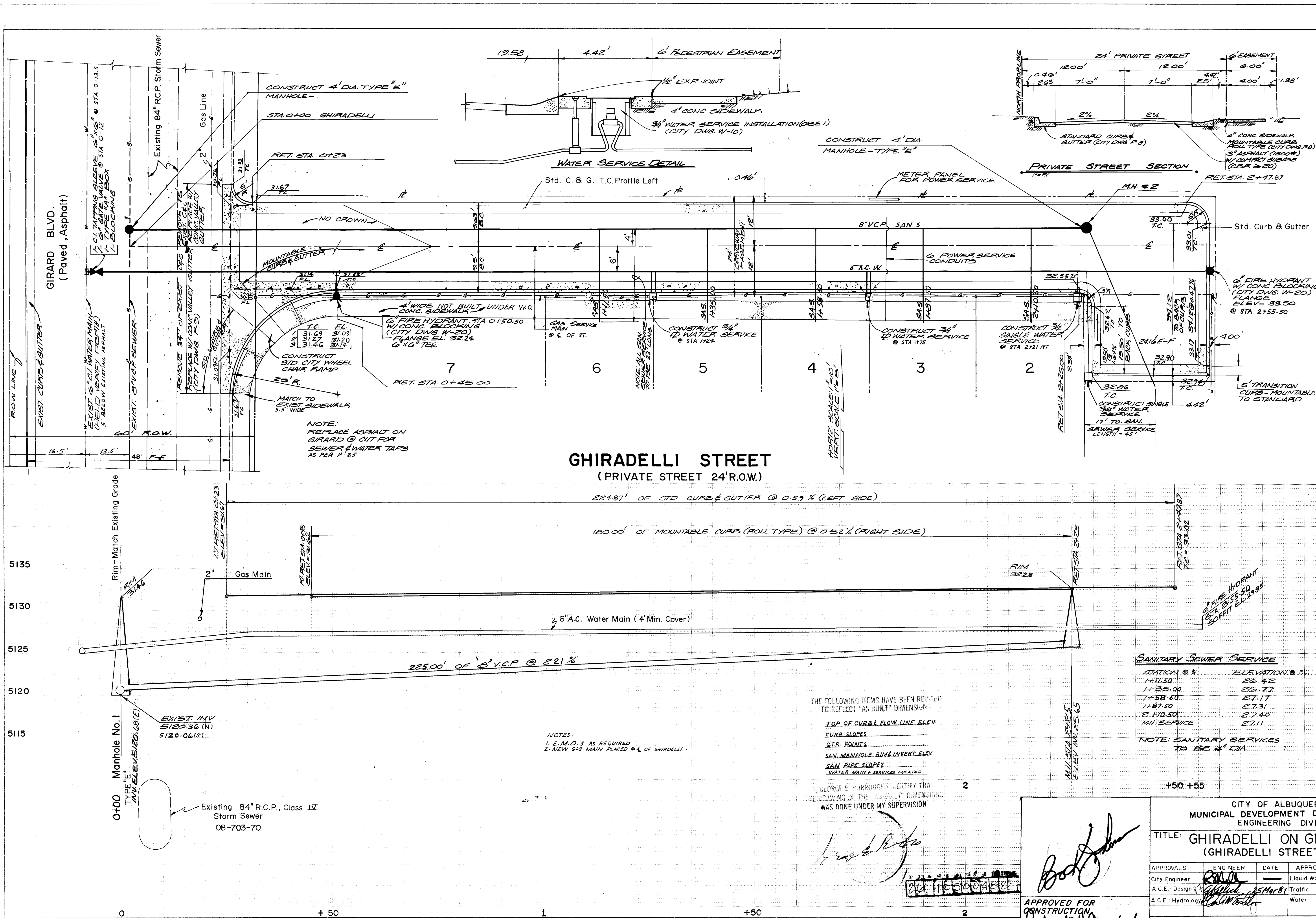
Existing Catch Basin is a single "C" Type. It exists in a sump condition, therefore only 85% of its capacity will be analyzed due to the problem of clogging. The basic ORIFICE equation shall be used to determine the capacity.

Grate opening = 25.5" x 35.5" = 905 sq. in.
 $20 - \frac{1}{2}" \times 3\frac{1}{2}" \times 40\frac{1}{2}"$ bars = 10'

Actual opening = 15.5" x 35.5" = 550 sq. in.
 $Q = Ca \sqrt{2gh}$; assume allowable h = 0.33'; C = 0.7
 $Q = (0.7)(3.8 \text{ s.f.})(2)(32.2)(0.33) = 12.3$ c.f.s.

This inlet has an existing contributing drainage area of 6240 sq. ft. ($Q = C \times I \times A = (0.95)(6.6)(\frac{6,240}{43,560}) = 1.0$ c.f.s. therefore this inlet can handle the additional flow.





GHIRADELLI STREET
(PRIVATE STREET 24' R.O.W.)

NOTES:
1. E.M.D.'S AS REQUIRED
2. NEW GAS MAIN PLACED @ E OF GHIRADELLI

THE FOLLOWING ITEMS HAVE BEEN REVISED TO REFLECT "AS BUILT" DIMENSIONS:
TOP OF CURB & FLOW LINE ELEV.
CURB SLOPES
QTR. POINTS
SAN. MANHOLE RIM & INVERT ELEV.
SAN. PIPE SLOPES
WATER MAIN & SERVICES LOCATED

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

SANITARY SEWER SERVICE

STATION @	ELEVATION @ P.I.
1+11.50	26.42
1+35.00	26.77
1+58.50	27.17
1+87.50	27.31
2+10.50	27.40
M.H. SERVICE	27.11

NOTE: SANITARY SERVICES TO BE 4" DIA.

APPROVED FOR CONSTRUCTION

[Signature]

RICHARD S. [Signature]

CITY ENGINEER

DATE 3/27/81

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: GHIRADELLI ON GIRARD SUB-DIV.
(GHIRADELLI STREET, 24' R.O.W., P.V.T.)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/27/81	Liquid Waste	<i>[Signature]</i>	3/27/81
A.C.E. - Design	<i>[Signature]</i>	3/27/81	Traffic	<i>[Signature]</i>	3/27/81
A.C.E. - Hydrology	<i>[Signature]</i>	3/27/81	Water	<i>[Signature]</i>	3/27/81

DRAWING NO. 1050

SHEET 4 OF 4

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES		REVISIONS		DESIGN	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	MAP NO.	W.O. NO.	NO.	DATE	NO.	DATE
WORK ORDER BY	DATE	4-H-16: LOCATED NW QUADRANT	DATE			H-16					
INSPECTOR	DATE	GHIRADELLI ON GIRARD, A SQUARE	DATE								
ACCEPTANCE BY	DATE	CHISELED ON TOP OF CURB	DATE								
FIELD VERIFICATION BY	DATE	CHISELED ON TOP OF CURB	DATE								
DRAWINGS BY	DATE	CHISELED ON TOP OF CURB	DATE								
CONTRACTOR	DATE	CHISELED ON TOP OF CURB	DATE								
RECORDED BY	DATE	CHISELED ON TOP OF CURB	DATE								
MICRO-FILM INFORMATION	DATE	CHISELED ON TOP OF CURB	DATE								