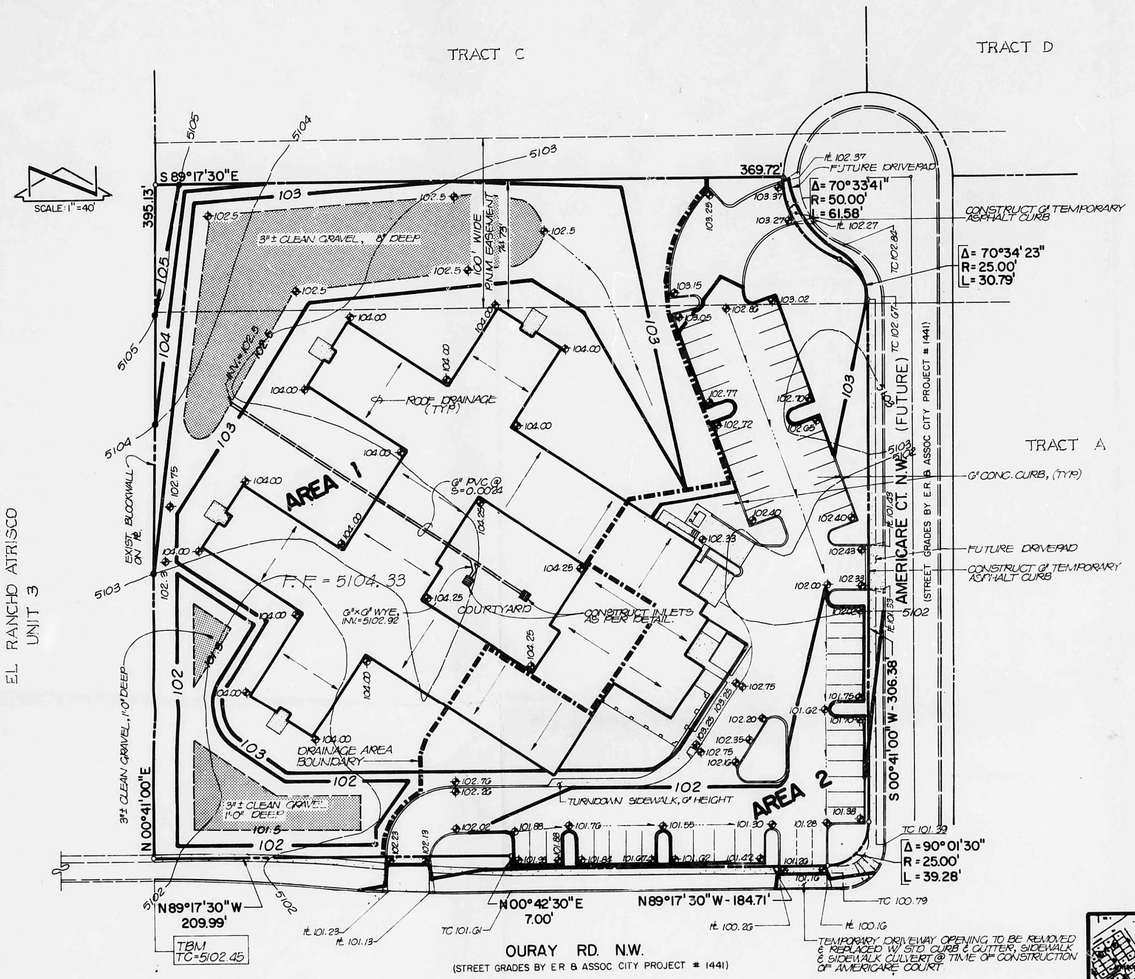
HYDROLOGY

H11/D19a
7 PLANS

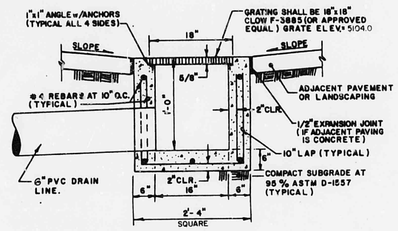
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7 Plans

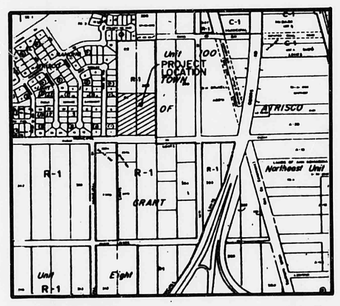


LEGEND

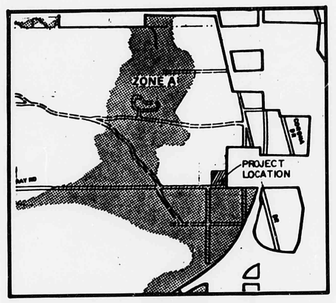
- EXIST. SPOT ELEVATION
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INLET DETAIL
NO SCALE



VICINITY MAP H-11-Z
SCALE: 1"= 800'



FLOOD HAZARD MAP
SCALE: 1" = 2000'

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1. DISCHARGE: $Q = CiA$

From DPM Plate 22.2C-1,

$C_{0\%} = 0.34$

$C_{26\%} = 0.46$

$C_{71\%} = 0.70$

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where $P_6 = 2.2$" (DPM Plate 22.2D-1)

$T_c = 10$ min (minimum)

A varies, acres

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A varies, sq. ft.

EXISTING CONDITION

Total area of site = 3.80 ac
= 165,544 sf
(determined from plat Book C-19, page 124)

Percent impervious = 0

$Q_{100} = 0.34(4.65)(3.8) = 6.0$ cfs

$V_{100} = 0.34(\frac{2.2}{12})(165,544) = 10,319$ cf

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1. AREA 1 (Contained on-site)

Area = 108,200 sf = 2.48 Ac

impervious = 28,000 sf = 0.64 Ac
pervious = 80,200 sf = 1.84 Ac

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$V_{100} = 0.46(\frac{2.2}{12})(108,200) = 9,125$ cf

$V_2 = 0.46[\frac{2.2(0.445)}{12}](108,200) = 4,060$ cf

Elev	Area, sf*	Vol, cf	Σ Vol, cf
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Volume beneath rock = 3976 cf
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3976 cf

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Pond capacity = 6897+3976 = 10,873 cf

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Area = 57,344 sf = 1.32 Ac

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pervious = 16,500 sf = 0.38 Ac

% impervious = $\frac{0.94}{1.32} = 71\%$

$Q_{100} = 0.70(4.65)(1.32) = 4.3$ cfs

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RECEIVED
JUL 15 1982
ENGINEERING

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4. ADDRESS: 5901 Ouray Road, NW

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR — STATE OF NEW MEXICO — THOMAS T. MANN JR. — 3750

7/16/82

JOHN MANN ASSOCIATES, INC.
811 DALLAS, N.E. · ALBUQUERQUE · NEW MEXICO · 87110
ENGINEERS

NO.	DATE	BY	REVISIONS

DESIGNED BY J.G.M.
DRAWN BY C.G.C.
APPROVED T.T.M.

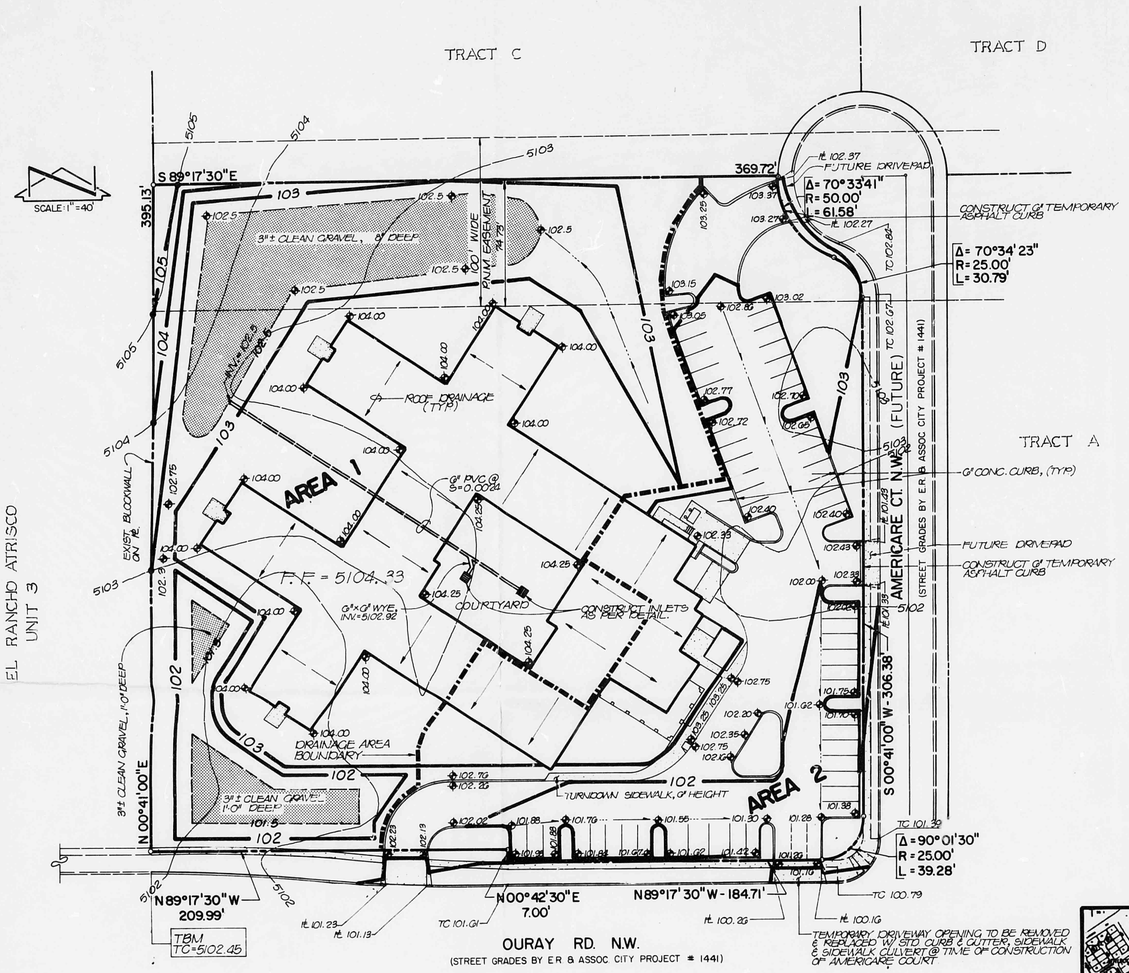
JOB NO. 2-0034
DATE 7/82

LADERA HEALTH CARE CENTER

PREPARED FOR: BURNS/PETERS GROUP
8000 PENNSYLVANIA CIRCLE N.E.
ALBUQUERQUE, NEW MEXICO

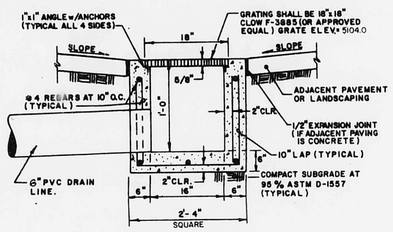
FILE NO.

SHEET 1 OF 1

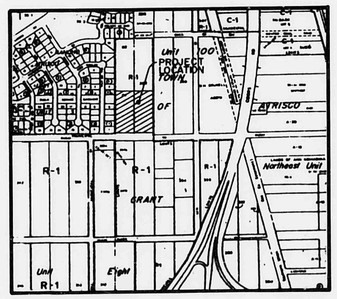


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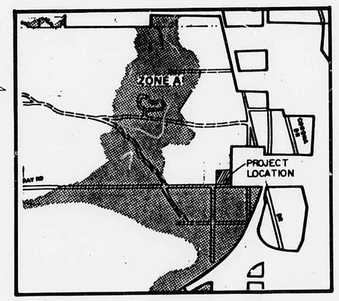


INLET DETAIL
NO SCALE



VICINITY MAP
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H-11-Z



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ENGINEERING

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STATE OF NEW MEXICO
THOMAS M. MANN
3750

7/14/82

811 DALLAS N.E. · ALBUQUERQUE · NEW MEXICO · 87110
ENGINEERS

NO.	DATE	BY	REVISIONS

DESIGNED BY JGM
DRAWN BY CG.C.
APPROVED T.T.M.

JOB NO. 2-0034
DATE 7/82

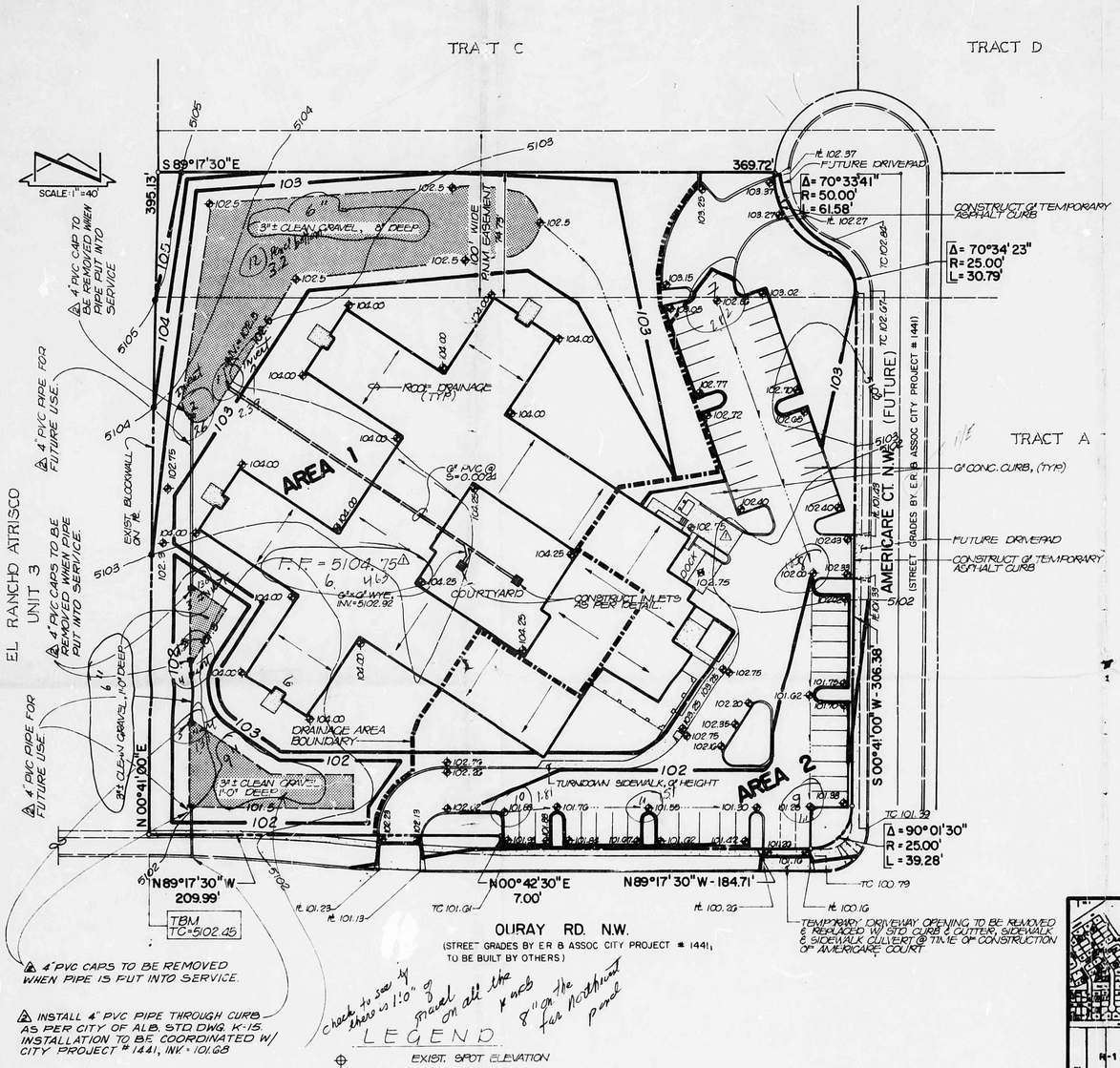
LADERA HEALTH CARE CENTER

PREPARED FOR: BURNS/PETERS GROUP
8000 PENNSYLVANIA CIRCLE N.E.
ALBUQUERQUE, NEW MEXICO

FILE NO.

SHEET 1 OF 1

N08214



RECEIVED
JUL 30 1982
ENGINEERING

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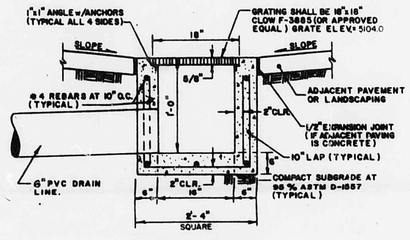
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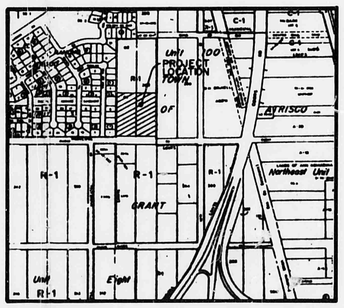
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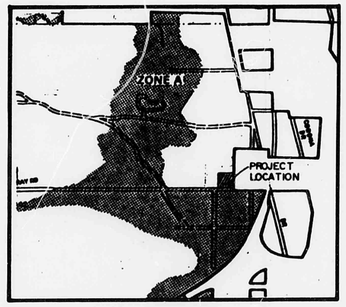


INLET DETAIL
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H-11-Z



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7/14/82

Survey done on 5/10 & 11/1983 Hydro #5

BOHANNAN-HUSTON, INC. 811 DALLAS N.E. · ALBUQUERQUE · NEW MEXICO · 87110 ENGINEERS	NO.	DATE	BY	REVISIONS	DESIGNED BY: JGM	JOB NO. 2-0034
	1	7/20/82	JM	RAISED FINISH FLOOR & SLAB ELEVATION.	DRAWN BY: CG.C.	DATE 7/82
	2	7/28/82	JM	FUTURE DRAIN LINE	APPROVED: T.T.M.	

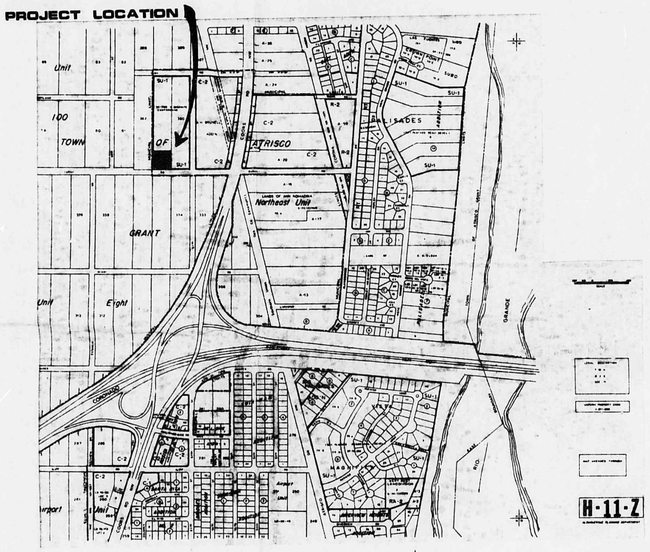
LADERA HEALTH CARE CENTER
PREPARED FOR: BURNS / PETERS GROUP
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FILE NO. H-11/D 19a
SHEET 1 OF 1

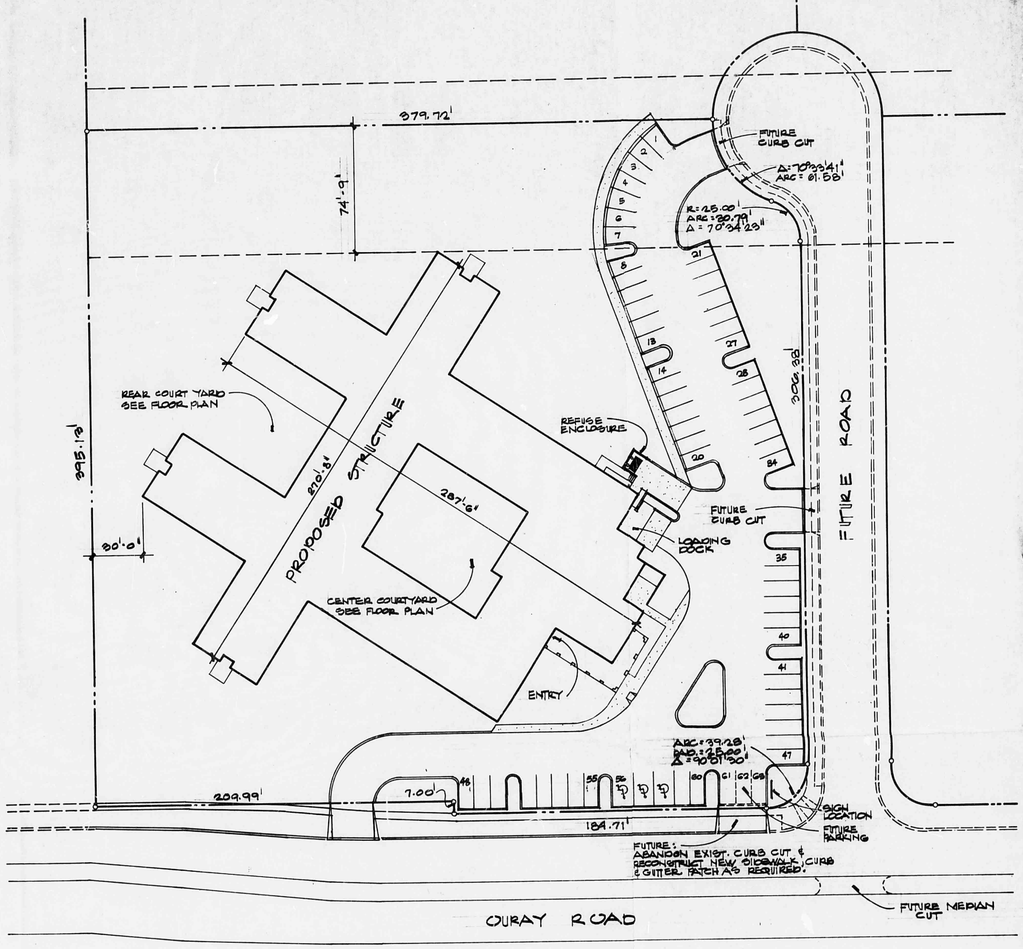
DESIGN CRITERA

REFERENCES:	COMPREMENSIVE CITY ZONING CODE AND OTHERS CITY OF ALBUQUERQUE, 1977 UNIFORM BUILDING CODE, 1979 EDITION. LIFE SAFETY CODE, 1973 NFPA NO. 101
SITE AREA:	3.80 ACRES (165,544 S.F.)
ZONING:	SU-1 (SPECIAL USE FOR NURSING HOME)
PARKING: (REQUIRED)	1 SPACE PER 2 BEDS = REQ'D. 120 BEDS /2 = 60
PARKING: (PROVIDED)	LARGE CAR SPACES: 57 SMALL CAR SPACES: 0 HANDICAPPED SAPCES: 3 TOTAL SPACES: 60
LANDSCAPING: (REQUIRED)	PAVED PARKING AREA: 35,175 SF ± 7% MIN. REQUIREMENT x .07 TOTAL REQUIRED: 2,462 SF ±
LANDSCAPING: (PROVIDED)	TOTAL PROVIDED: 94,369 SF ±
BUILDING AREA:	36,000 S.F.
BUILDING HEIGHT:	12'-6" STANDARD; 20'-0" @ HIGH BAY AREAS

PROJECT LOCATION



LOCATION MAP



SITE PLAN

SCALE 1"=40'-0"

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JUL 15 1982
ENGINEERING

APPROVALS

Z- 81-136

I certify that this area is zoned SU-1 and this plan is consistent with the specific development plan approved by the Environmental Planning Commission on _____, 19 ____.

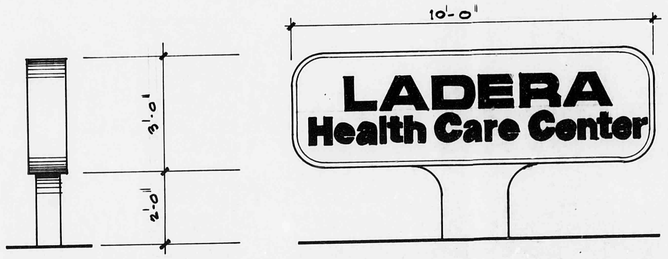
_____ Planning Director Date

Approved as to requirements:

_____ Traffic Engineer Date

_____ City Engineer Date

_____ AMAFCA Date



SIGN ELEVATIONS

SCALE 3/4"=1'-0"

Architect

Engineer

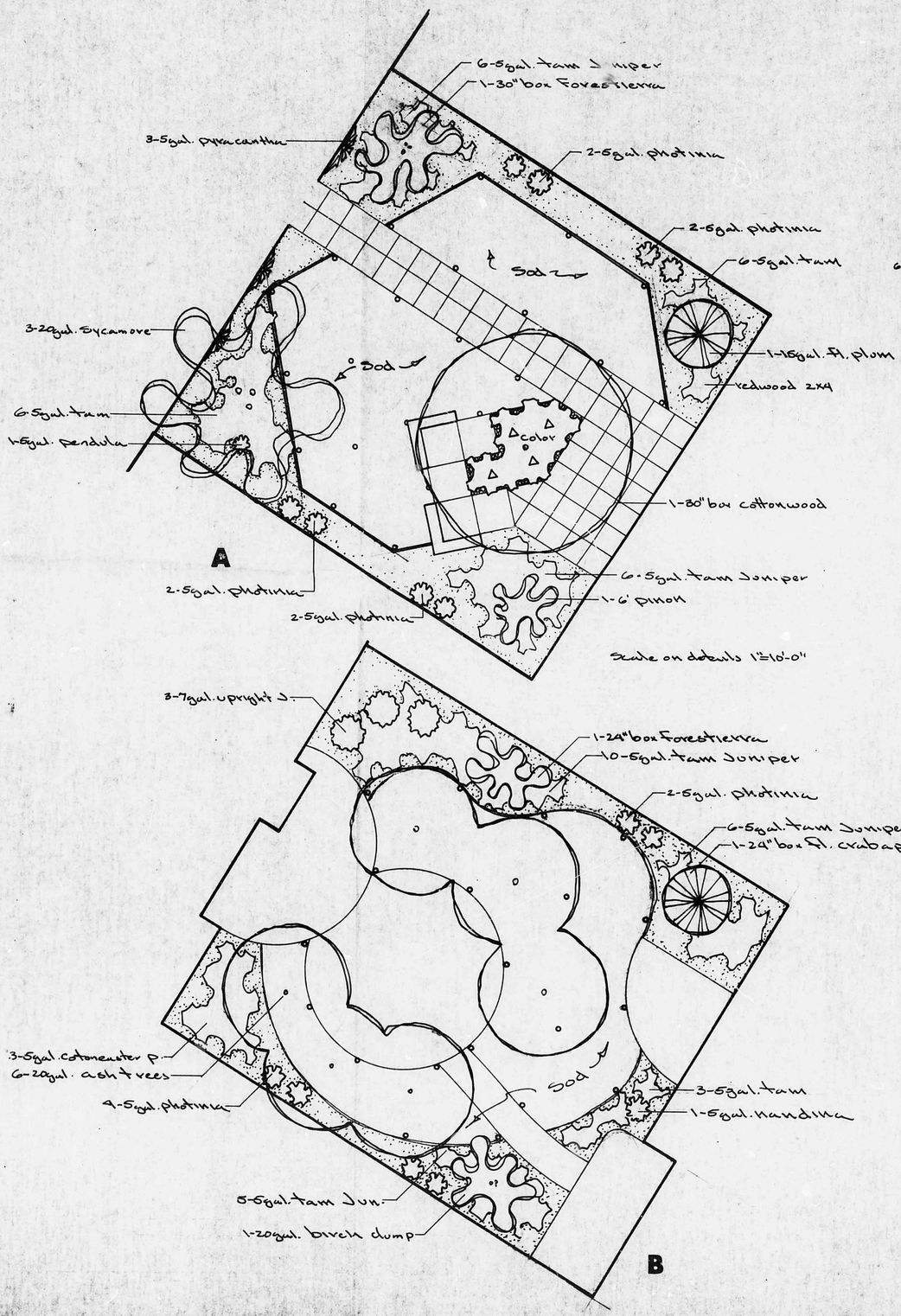
SITE DEVELOPMENT PLAN
FOR
LADERA HEALTH CARE CENTER
(FORMERLY OURAY HEALTH CARE CENTER)

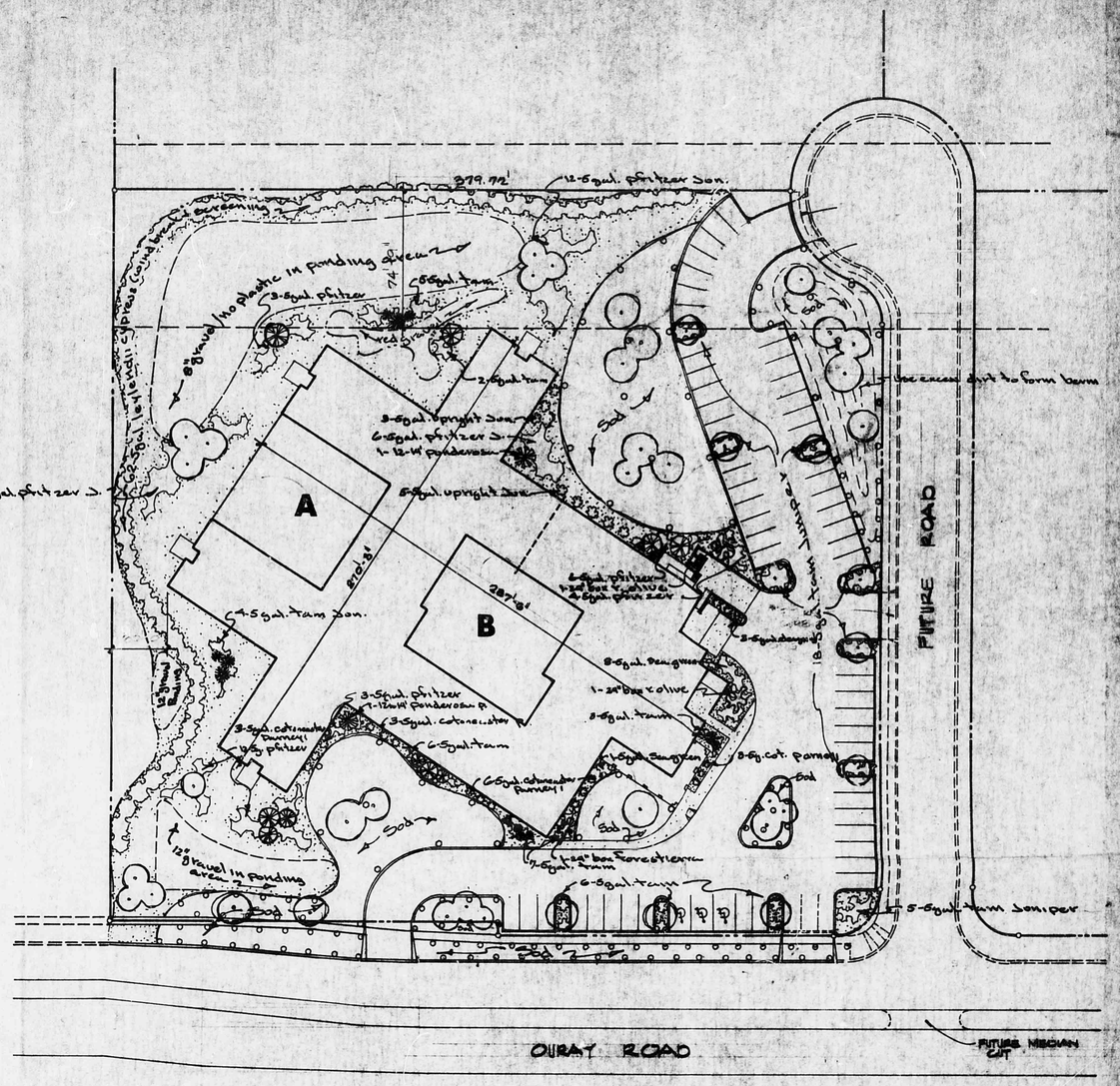
81-88 PROJECT

THE BURNS/PETERS GROUP
Architects & Planners
8000 Pennsylvania Circle NE
Albuquerque, New Mexico
87110 505 265 3645

Date

1 Sheet No.





James deTron a.s.l.a.

LANDSCAPE PLAN

SCALE 1"=40'-0"

1½" gravel/plastic

- 1½" cal. shade trees
- 15gal. ornamental trees
- 6x6 palm yucca
- 2ply redwood edging
- bubbler heads
- Toro Ser. 300 heads
- ½" bronze Ser 2800 pop up heads/gal. risers
- 1½" water by others
- 110 elec. for rc.12 timer by others
- 3" sced. 40 pvc. pipe by others

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