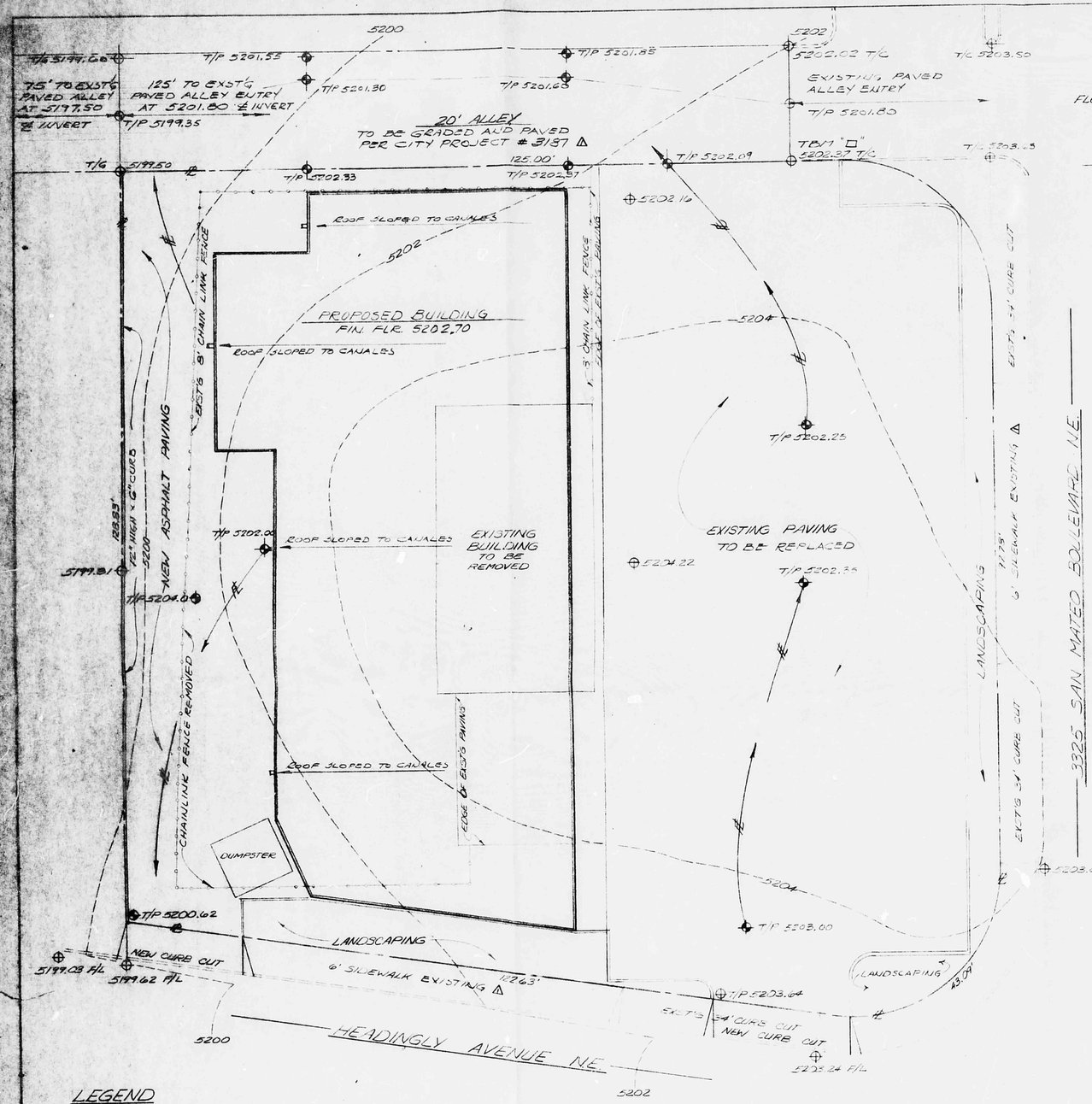
HYDROLOGY

G17/D13
FOUR PLANS

G17/D13

4 Plans



DRAINAGE PLAN

TRACT B-3, BLOCK 62, BEL-AIR ADDITION
ALBUQUERQUE, NEW MEXICO

FLOOD MAP 23 BENCHMARK NM 367-5 ELEV. 5204.06 SOIL TYPE "B"
TOTAL AREA: 20735 SQ. FT. = 0.476 ACRES
TOTAL AREA ROOFED OR PAVED, EXISTING: 10800 SQ. FT. = 52%
TOTAL AREA ROOFED OR PAVED, PROPOSED: 14185 SQ. FT = 73%
FILE # G17/D13 APPROVED: _____

HYDROLOGY:

OFF-SITE FLOW: NONE
ON-SITE FLOW: EXISTING "C" = 0.58, I = 2.15 x 2.3 = 4.95, Q = 1.37 CFS
EXISTING VOLUME = 0.75" (CN80) x 20735 S.F. = 1296 CU. FT.
PROPOSED "C" = 0.87, Q = 2.10 CFS = 0.73 CFS ADDITIONAL
PROPOSED VOLUME = 1.75" (CN95) x 20735 = 3024 CU. FT. = 1728 CU. FT. ADDITIONAL
FREE DISCHARGE TO ALLEY AND HEADINGLY IS PROPOSED, DUE TO INFILL SITE & MINIMUM IMPACT OF ADDITIONAL FLOW FROM SMALL SITE.

1" = 10'-0"

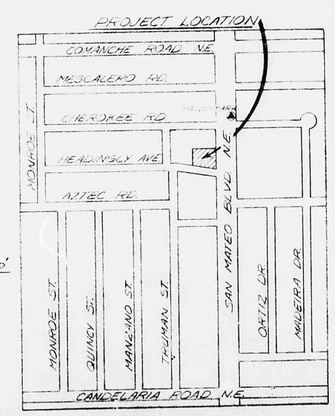
EROSION CONTROL NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE TO THE FOLLOWING:

1. NO SEDIMENT-BEARING WATER SHALL BE ALLOWED TO DISCHARGE THE SITE DURING CONSTRUCTION.
2. DURING GRADING OPERATIONS AND UNTIL THE PROJECT HAS BEEN COMPLETED, ALL ADJACENT PROPERTY, RIGHTS-OF-WAY, AND EASEMENTS SHALL BE PROTECTED FROM FLOODING.
3. ANY AND ALL SEDIMENTATION ORIGINATING ON THE SITE WHICH IS DEPOSITED WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PROMPTLY AND COMPLETELY REMOVED BY THE CONTRACTOR.
4. CONTROL OF SEDIMENT-LADEN FLOOD WATERS WILL BE ACCOMPLISHED BY THE USE OF A COMPACTED EARTH BERM AT LEAST 12" HIGH. BERM SHALL BE LOCATED ALONG THE DOWNSTREAM PERIMETERS OF THE PROPERTY.

LEGEND

PROPERTY LINE
EXISTING CONTOUR — 5201
PROPOSED CONTOUR — 5201
EXISTING SPOT ELEVATION
PROPOSED SPOT ELEVATION
EXISTING CURB
EXISTING CHAIN LINK FENCE
R.O.W. LINE



1" = 500'

VICINITY MAP
ZONE MAP G-17

RECEIVED FEB 26 1987 HYDROLOGY SECTION

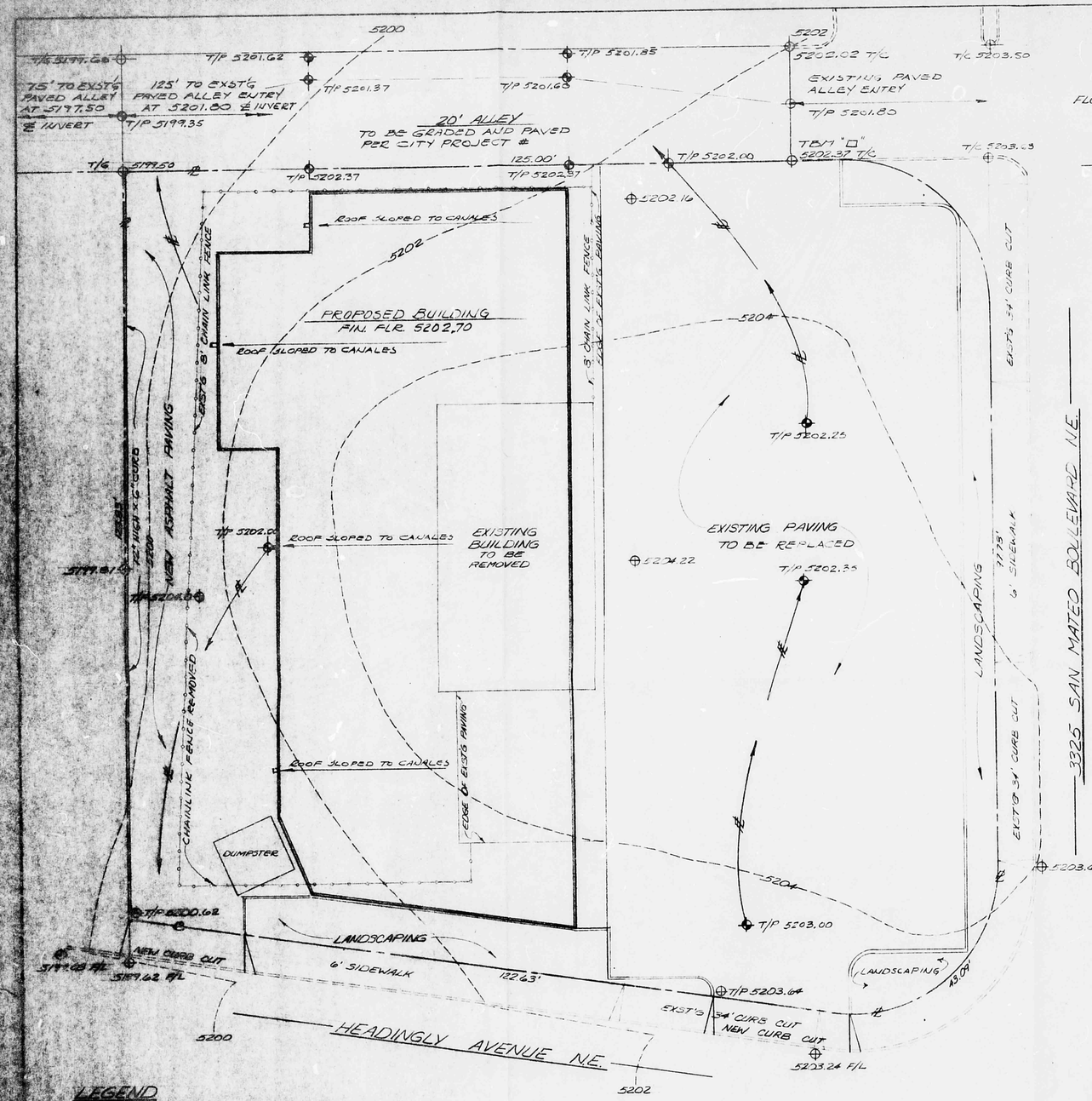
△ SUPPLEMENTAL DATA 2-26-87

DUANE LOGAN
CONSULTING CIVIL ENGINEER
501 GUEST N. E. 243-6393
ALBUQUERQUE, NEW MEXICO 87102

RENTAL DEVELOPMENT
for PETE DASKALOS
at 3325 SAN MATEO, N.E.
ALBUQUERQUE, N.M.

File # H 100
Date 11/6/86
Scale 1"=10'
Drawn G.L.

2-17-87



DRAINAGE PLAN

TRACT B-3, BLOCK 62, BEL-AIR ADDITION

ALBUQUERQUE, NEW MEXICO

FLOOD MAP 23 BENCHMARK NM 367-5 ELEV. 5204.06 SOIL TYPE "B"

TOTAL AREA: 20735 SQ. FT. = 0.476 ACRES

TOTAL AREA ROOFED OR PAVED, EXISTING: 10800 SQ. FT. = 52%

TOTAL AREA ROOFED OR PAVED, PROPOSED: 19185 SQ. FT = 93%

FILE # G17/D APPROVED: _____

HYDROLOGY:

OFF-SITE FLOW: NONE

ON-SITE FLOW: EXISTING "C" = 0.58, I = 2.15 x 2.3 = 4.95, Q = 1.37 CFS

EXISTING VOLUME = 0.75" (CN80) x 20735 S.F. = 1296 CU. FT.

PROPOSED "C" = 0.89, Q = 2.10 CFS = 0.73 CFS ADDITIONAL

PROPOSED VOLUME = 1.75" (CN95) x 20735 = 3024 CU. FT. = 1728 CU. FT. ADDITIONAL

FREE DISCHARGE TO ALLEY AND HEADINGLY IS PROPOSED, DUE TO INFILL SITE & MINIMUM IMPACT OF ADDITIONAL FLOW FROM SMALL SITE.

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LEGEND

PROPERTY LINE

EXISTING CONTOUR — 5204

PROPOSED CONTOUR — 5201

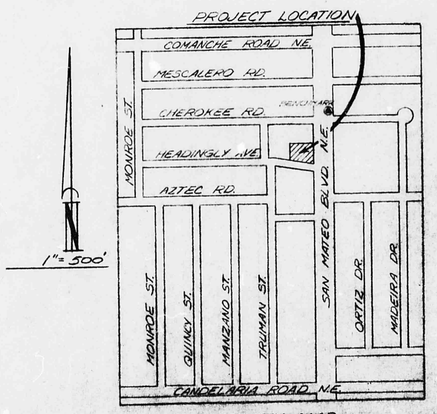
EXISTING SPOT ELEVATION

PROPOSED SPOT ELEVATION

EXISTING CURB

EXISTING CHAIN LINK FENCE

PROPOSED WALL



VICINITY MAP

ZONE MAP G-17

RECEIVED FEB 13 1987 HYDROLOGY SECTION

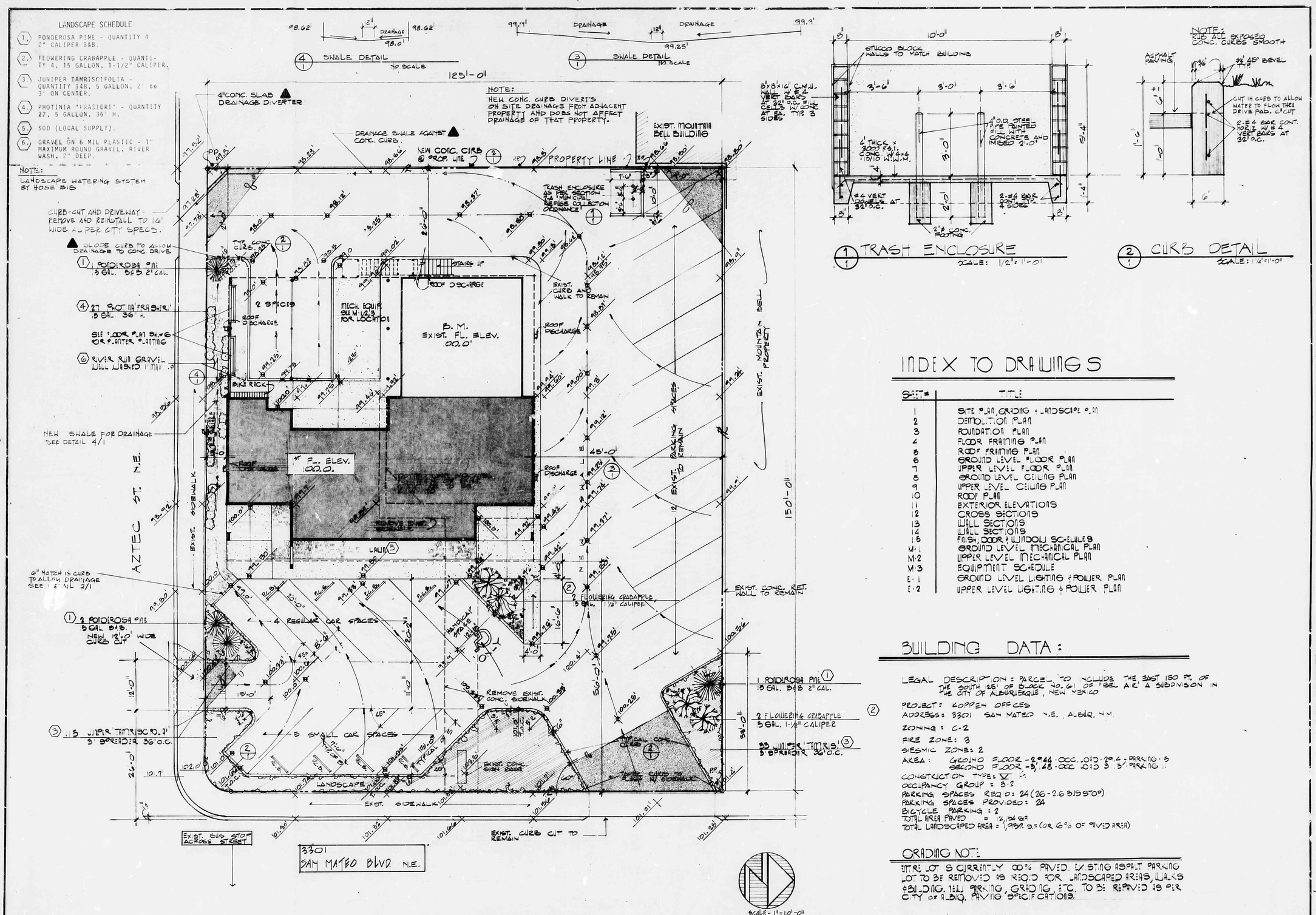
2-17-87

CLEARPRINT

LANDSCAPE SCHEDULE

1. PONDEROSA PINE - QUANTITY 4 2" CALIPER B&B.
2. FLOWERING CRABAPPLE - QUANTITY 4, 15 GALLON, 1-1/2" CALIPER.
3. JUNIPER TAMRISCIFOLIA - QUANTITY 148, 5 GALLON, 2' to 3' ON CENTER.
4. PHOTINIA "FRASIERI" - QUANTITY 27, 5 GALLON, 36" H.
5. SOD (LOCAL SUPPLY).
6. GRAVEL ON 6 MIL PLASTIC - 1" MAXIMUM ROUND GRAVEL, RIVER WASH, 2" DEEP.

NOTE:
LANDSCAPE WATERING SYSTEM BY HOSE BIB



SITE PLAN, GRADING PLAN & LANDSCAPE PLAN

1/1 TRASH ENCLOSURE
SCALE: 1/2" = 1'-0"

2/1 CURB DETAIL
SCALE: 1 1/2" = 1'-0"

INDEX TO DRAWINGS

SHEET	TITLE
1	SITE PLAN, GRADING & LANDSCAPE PLAN
2	DEMOLITION PLAN
3	FOUNDATION PLAN
4	FLOOR FRAMING PLAN
5	ROOF FRAMING PLAN
6	GROUND LEVEL FLOOR PLAN
7	UPPER LEVEL FLOOR PLAN
8	GROUND LEVEL CEILING PLAN
9	UPPER LEVEL CEILING PLAN
10	ROOF PLAN
11	EXTERIOR ELEVATIONS
12	CROSS SECTIONS
13	WALL SECTIONS
14	WALL SECTIONS
15	FINISH, DOOR & WINDOW SCHEDULES
M-1	GROUND LEVEL MECHANICAL PLAN
M-2	UPPER LEVEL MECHANICAL PLAN
M-3	EQUIPMENT SCHEDULE
E-1	GROUND LEVEL LIGHTING & POWER PLAN
E-2	UPPER LEVEL LIGHTING & POWER PLAN

BUILDING DATA:

LEGAL DESCRIPTION: PARCEL TO INCLUDE THE EAST 150 FT. OF THE SOUTH 225' OF BLOCK NO. 61 OF "BEL AIR" A SUBDIVISION IN THE CITY OF ALBUQUERQUE, NEW MEXICO

PROJECT: KOPPEN OFFICES
ADDRESS: 3301 SAN MATEO N.E., ALBUQ. N.M.
ZONING: C-2
FIRE ZONE: 3
SEISMIC ZONE: 2
AREA: GROUND FLOOR - 2,044 OCC. LOAD 20.6; PARKING 5
SECOND FLOOR - 3,148 OCC. LOAD 31.3; PARKING 11
CONSTRUCTION TYPE: V
OCCUPANCY GROUP: B-2
PARKING SPACES REQ'D: 24 (26 - 2.6 BUSINESS)
PARKING SPACES PROVIDED: 24
BICYCLE PARKING: 2
TOTAL AREA PAVED = 12,106 S.F.
TOTAL LANDSCAPED AREA = 1,952 S.F. (OR 6% OF PAVED AREA)

GRADING NOTE

ENTIRE LOT IS CURRENTLY 100% PAVED. EXISTING ASPHALT PARKING LOT TO BE REMOVED AS REQ'D FOR LANDSCAPED AREAS, WALKS & BUILDING. NEW PARKING, GRADING, ETC. TO BE REPAVED AS PER CITY OF ALBUQ. PAVING SPECIFICATIONS.

GRADING/ELEVATION SYMBOLS
EXISTING ELEVATION
NEW OR REVISED ELEV. - FINISH GRADE

OFFICE OF
G. PATRICK GATES
ARCHITECT
architects · planners

DATE	REVISION	BY
11/5/80	ISSUE FOR BID	GPG
11/13/80	REVISED PER 1ST COMMENTS	GPG
6/9/81	DRAINAGE PLAN REVISED - WEST SIDE	GPG

DATE 8/1/80 | DRN BY G.P.G. | CK BY G.P.G. | APP'D BY G.P.G.

TITLE: SITE PLAN, DRAWING INDEX, BUILDING DATA

PROJECT: KOPPEN OFFICE COMPLEX

STATE OF NEW MEXICO
GAYLORD PATRICK GATES
No. 344
REGISTERED ARCHITECT

SHEET NO: 1 OF 20

JOB NO:

LANDSCAPE SCHEDULE

1. PONDEROSA PINE - QUANTITY 4 2" CALIPER B&B.
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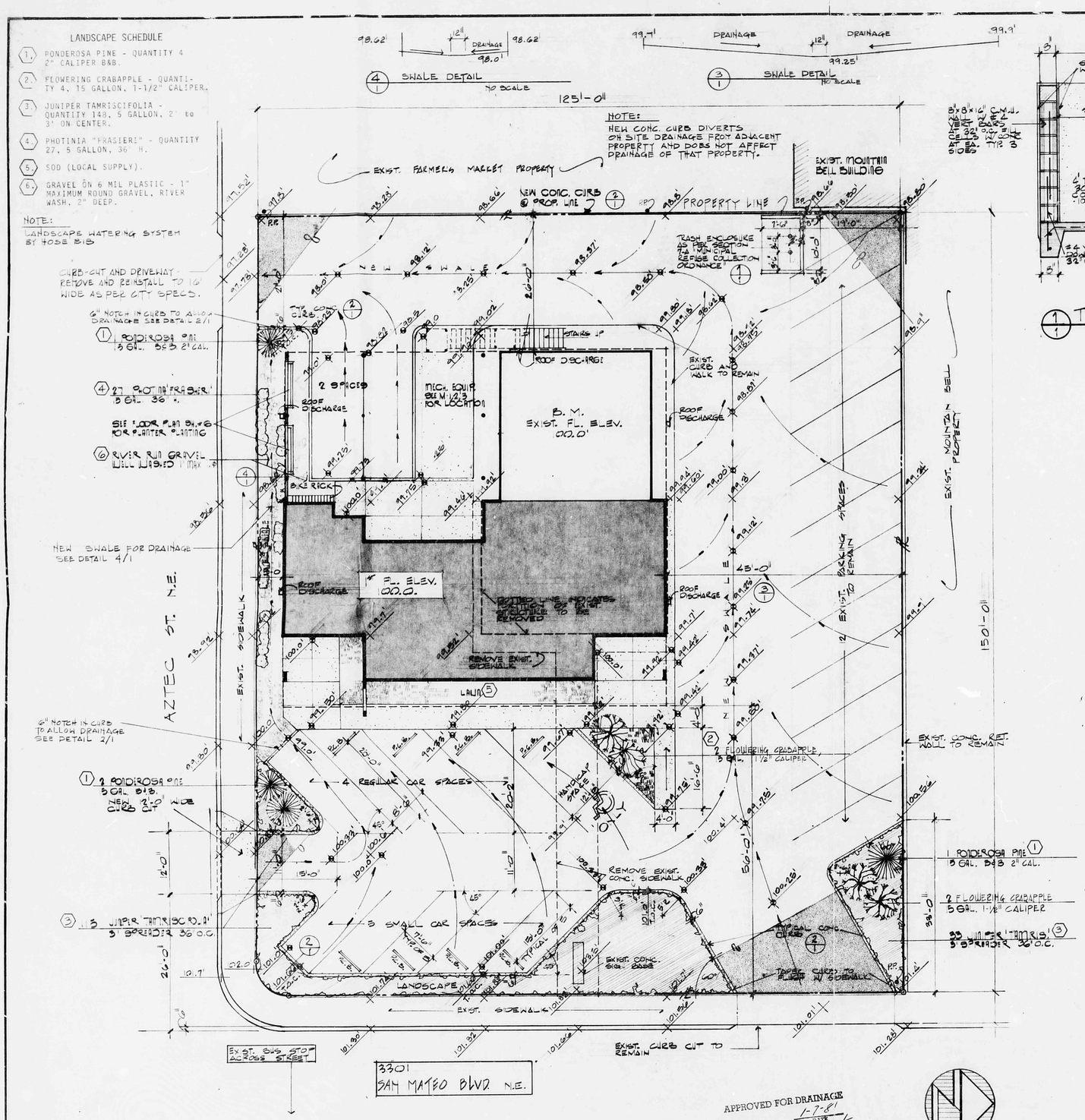
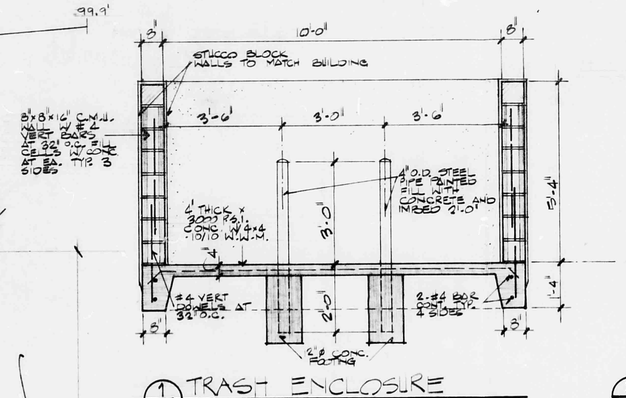
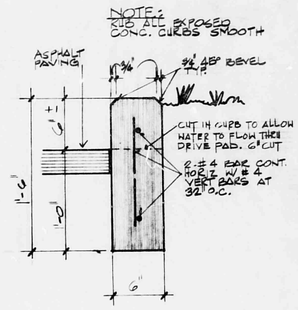


SITE PLAN, GRADING PLAN & LANDSCAPE PLAN

APPROVED FOR DRAINAGE
1-7-81
DATE
TITLE
SIGNATURE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED



TRASH ENCLOSURE
SCALE: 1/2" = 1'-0"



CURB DETAIL
SCALE: 1 1/2" = 1'-0"

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SEISMIC ZONE: 2
AREA: GROUND FLOOR - 2,944 OCC. LOAD 29.4, PARKING 3
SECOND FLOOR - 5,148 OCC. LOAD 51.48, PARKING 11
CONSTRUCTION TYPE: V-N
OCCUPANCY GROUP: B-2
PARKING SPACES REQ'D: 24 (26 - 2.6 BLDG STOP)
PARKING SPACES PROVIDED: 24
BICYCLE PARKING: 2
TOTAL AREA PAVED = 12,126 S.F.
TOTAL LANDSCAPED AREA = 1,952 S.F. (OR 6% OF PAVED AREA)

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GRADING/ELEVATION SYMBOLS
X 0.00 — EXISTING ELEVATION
X 0.00 — NEW OR REVISED ELEV. - FINISH GRADE

OFFICE OF
G. PATRICK GATES
ARCHITECT
architects · planners

REVISION	DATE	BY
ISSUE FOR BIDS	11/5/80	G.P.G.
Revised per DRB comments	11/4/80	G.P.G.

DATE 1/5/80
DRN BY G.P.G.
CK'D BY G.P.G.
APP'D BY G.P.G.

TITLE: SITE PLAN, DRAWING INDEX, BUILDING DATA
PROJECT: KOPPEN OFFICE COMPLEX

STATE OF NEW MEXICO
GAYLORD PATRICK GATES
NO. 344
REGISTERED ARCHITECT

SHEET NO: 1
JOB NO:
of 20