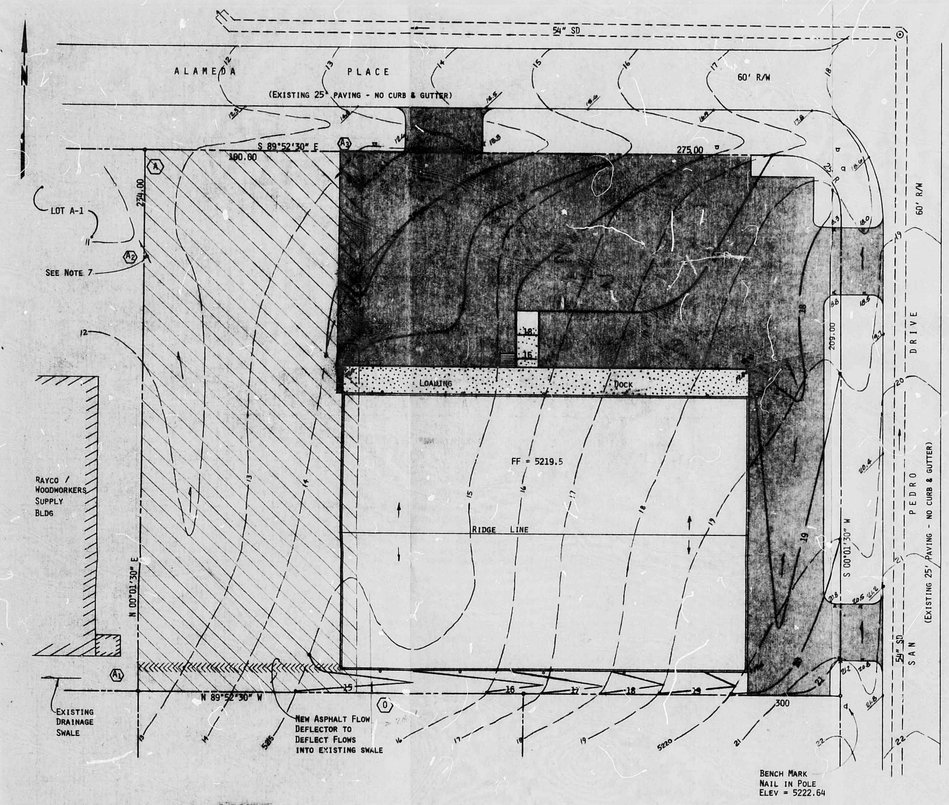
PUBLIC WORKS/HYDROLOGY

C18/D15

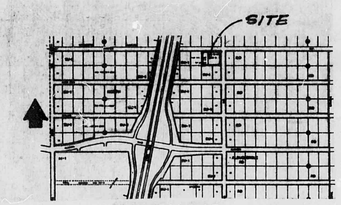


LEGEND

- Existing Power Pole
- Existing Contours
- Finished Contours
- Existing Paved Parking Lot
- Edge of New Pavement
- Existing Spot Elevation on Existing Edge of Pavement
- Spot Elevations Finished Grading/Paving
- Drainage Swale
- Bldg Downspouts
- Analysis Point
- "Speed Bump" Typ. Flow Deflector

GRADING & DRAINAGE PLAN

Scale: 1"=20'



VICINITY MAP

Scale: 1"=750'±

INFORMATION & DATA

1. Bench Mark. BM # 5-B18
   50' East of East Frontage Road
   400' North of Alameda Rd.
   1 3/4" IP Property Corner
   Elev.= 5201.369
2. Easements. There are no recorded easements on the property.
3. Legal Description: Lot B-1, Amended Replat of Lots A-2 & B, Block 9, Tract A, Unit B, North Albuquerque Acres.
4. Soils Infromation. SCS Soil Etc. Hydrology Group B.
5. Runoff Calculation Summary (See Supplemental Calculation Sheets)

Drainage Basin	Condition	Q_{100} (CFS)	V_{100} (cu.ft.)
0	Existing	1.9	1307
A*	Existing	4.4	4091
A1	Developed	1.2	1850
A2	Developed	2.0	3190
A3	Developed	3.8	6630

6. Flood Hazard. Advance Maps of a Flood Hazard Study by Bohannan - Huston indicate the site is not within any Flood Zones.
7. Runoff across lot line into Lot A-1 at this location to be limited to existing runoff from adjacent 100' wide paved parking area.
8. Erosion Control. Contractor shall insure sediment remains onsite by maintaining necessary earth berms.

*Includes Subareas A_1, A_2 & A_3.

RECEIVED FEB 17 1987 HYDROLOGY SECTION

Date Drawn 2-16-87 Designed JW Checked JW

Isaacson & Arfman, P.A.
CONSULTING ENGINEERING ASSOCIATES
Albuquerque, New Mexico

GRADING & DRAINAGE PLAN

RAYCO PIPE & SUPPLY

Sheet 1 of 1

R# 24 DATE 3/14/22 DOF

CITY OF ALBUQUERQUE

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NOTARY PUBLIC

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FLAN SHOT TWICE ONCE ON LIGHT ONCE ON DARK

CITY OF ALBUQUERQUE THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

PLANS/PLATS ON FILE

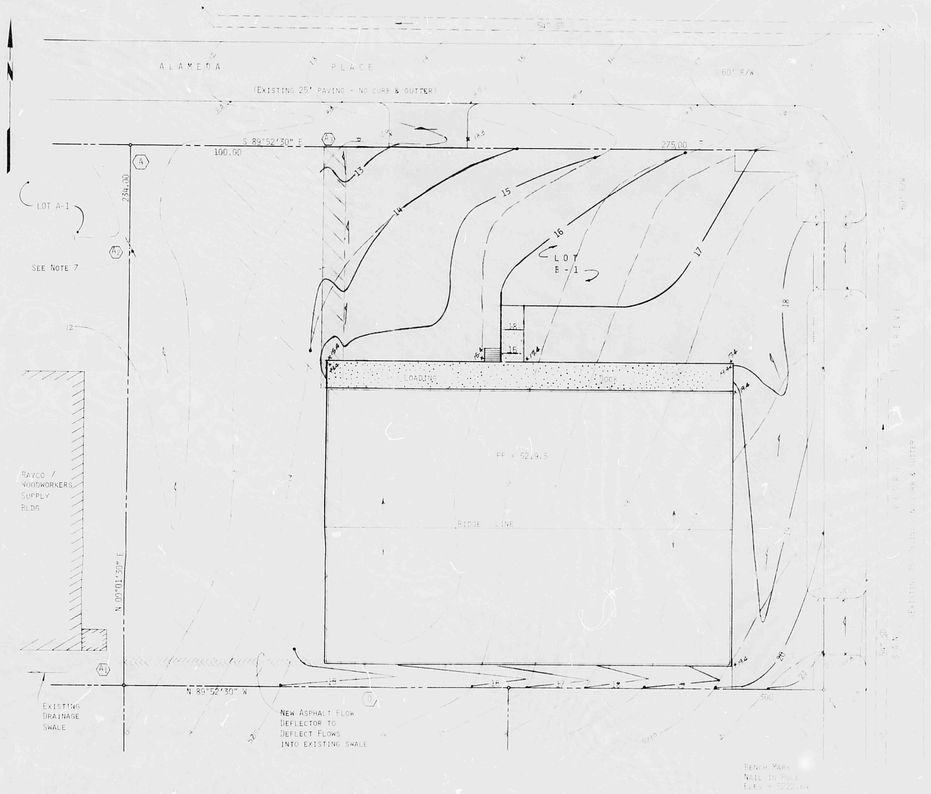
FILE DESC: CR/D15

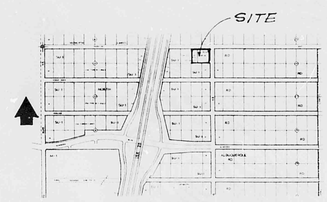
PLANS/PLATS 1

E 30 D 24 C 20 B 16 A 12

CITY OF ALBUQERQUE

C D F





VICINITY MAP

LEGEND

- EXISTING POWER POLE
- EXISTING CONTOURS
- FINISHED CONTOURS
- EXISTING PAVED PARKING LOT
- EDGE OF NEW PAVEMENT
- EXISTING SPOT ELEVATION ON EXISTING EDGE OF PAVEMENT
- SPOT ELEVATIONS FINISHED GRADING/PAVING
- DRAINAGE SWALE
- BLDG DOWNSPOUTS
- ANALYSIS POINT
- "SPEED BUMP" TYPE FLOW DEFLECTOR

GRADING & DRAINAGE PLAN

SCALE: 1"=20'

INFORMATION & DATA

1. PLAN SHOWS A 5.1 ACRE TRACT OF LAND LOCATED ON THE NORTH SIDE OF ALAMEDA PLACE, 1/4 MILE EAST OF EAST FRONTAGE ROAD AND NORTH OF ALAMEDA BLVD. (A.K.A. 1/2 OF PROPERTY LOCATED AT 5201 ALAMEDA PLACE).
2. EASEMENTS. THERE ARE NO RECORDED EASEMENTS ON THE PROPERTY.
3. LEGAL DESCRIPTION: LOT B-1, AMENDED PLAT OF LOTS A-2 & B, BLOCK 2, TRACT "G", UNIT B, NORTH ALBUQUERQUE ACRES.
4. SOIL INFORMATION: SEE SOIL STUDY PREPARED BY SWCA, INC.
5. RUNOFF CALCULATION SUMMARY (SEE SUPPLEMENTAL CALCULATION SHEET)

DRAINAGE BASIN	CONDITION	Q (CFS)	V (CFS/FT.)
(A)	EXISTING	1.24	1.50*
(A)	EXISTING	4.4	4.41
(A)	DEVELOPED	1.22	1.50*
(A)	DEVELOPED	2.0	2.40
(A)	DEVELOPED	5.6	4.50

6. FLOOD HAZARD: ADVANCE MAPS OF A FLOOD HAZARD STUDY BY DONAHAN - HORTON INDICATE THE SITE IS NOT WITHIN ANY FLOOD ZONE.
7. RUNOFF ACROSS LOT LINE INTO LOT A-1 & THIS LOCATION TO BE LIMITED TO EXISTING RUNOFF FROM ADJACENT 100' WIDE PAVED PARKING AREA.
8. EROSION CONTROL: CONTRACTOR SHALL INSURE SEDIMENT REMAINS ONSITE BY MAINTAINING NECESSARY EARTH BERMS.

*INCLUDES SUBAREA A, B & C.

Date
Designed
Drawn
Checked

Isaacson & Arfman, P.A.
CONSULTING ENGINEERING ASSOCIATES
Albuquerque New Mexico

GRADING & DRAINAGE PLAN

RAYCO PIPE & SUPPLY

Sheet 1 of 1

CITY OF ALBUQUERQUE

F 30 D 24 C 20 B 16 A 12

C D F