HYDROLOGY

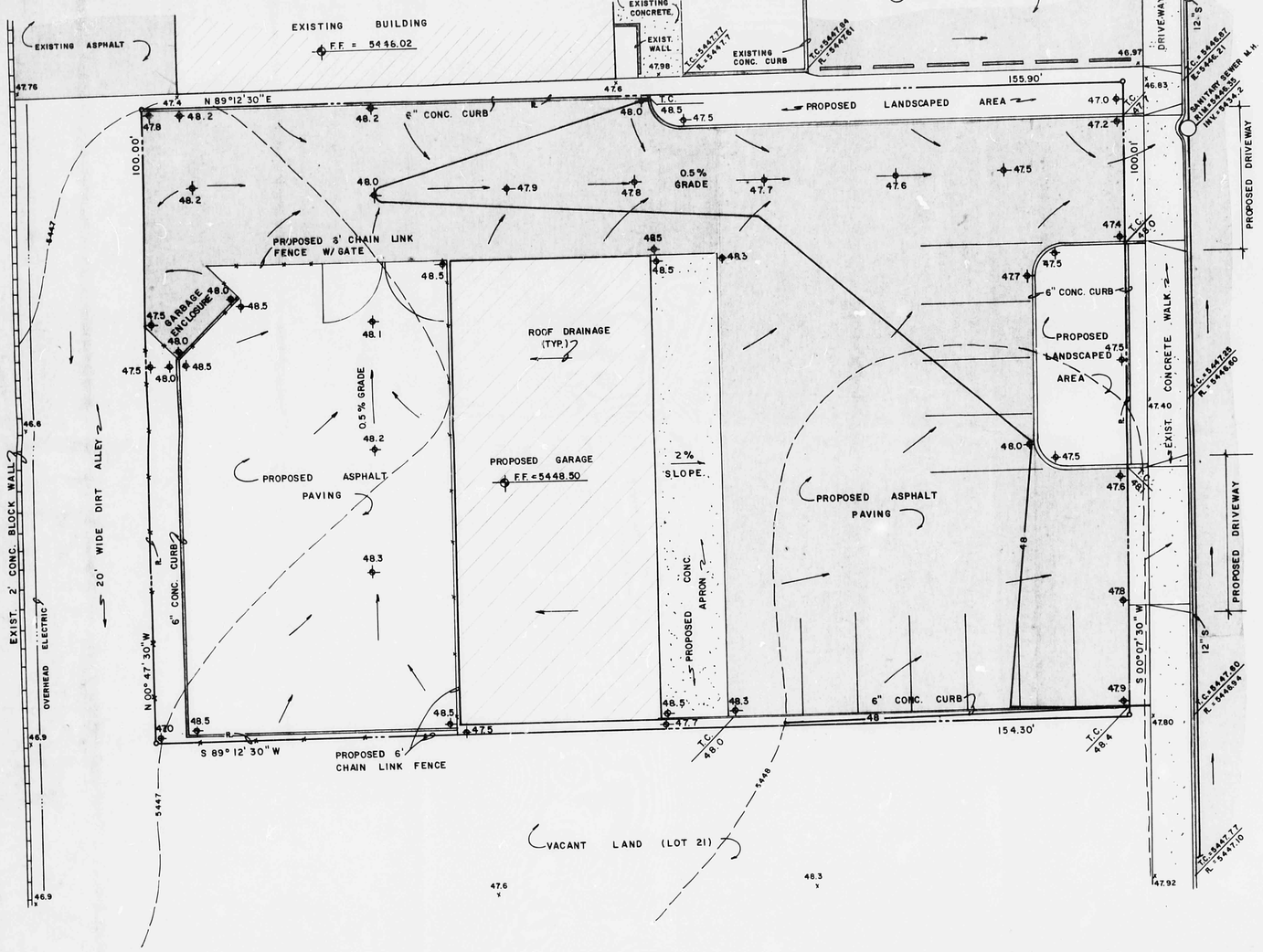
K20/D16

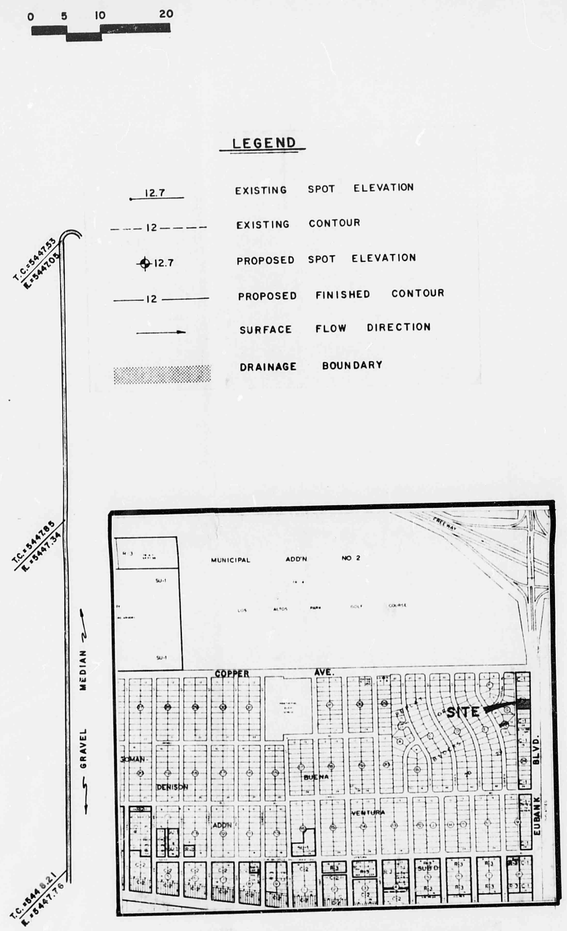
K20/D16

DANIEL'S

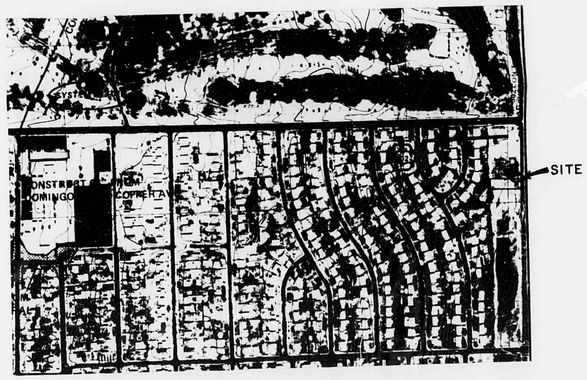
AUTOMOTIVE

2 PLANS





VICINITY MAP - K-20



FLOOD HAZARD MAP

DRAINAGE CRITERIA

In pre-design discussion with City Hydrology Engineering Dept. the following was determined about the site:

1. There is an existing 60" R.C.P. storm drain in Eubank up to Copper St. where it increases in size to 72" in Eubank to I-40 Channel.

2. Basin 3 empties into this system. Existing peak flow from area is 140 c.f.s. at study point 401, Eubank and Copper, which is approx. 250' north of this site.

3. Existing capacity of storm drain at Eubank and Copper is 160 c.f.s.. Therefore, because the proposed site would discharge its flows before the peak from Basin 3 reached the area, capacity is available within the storm sewer to handle free discharge from site. This approach was agreed upon by City Hydrology. Additional conditions agreed upon are that the plan be designed so that landscaped areas are self-contained in order to prevent irrigation flows from running onto the pavement.

NOTES:

1. Legal: Lots 19 and 20, Block 25, Buena Ventura Subdivision, Albuquerque New Mexico
2. Area: 0.36 Acres
3. Surveyor: Ron Forstbauer Survey Company, 12-82
4. Bench Mark: City of Albuquerque 2-K-20, a square chisled on the W.S.W. curb return at the intersection of Eubank and Copper N.E.. Elev. - 5442.39
5. T.B.M.: Top of Curb at north lot line projection. Elev. - 5446.87
6. Site is not located in a Flood Hazard Area.
7. S.C.S. Soils Map No. 32 - Soil series TgB, Hydrologic soil group 'B'.
8. Storm sewer facilities available in Eubank Blvd. - nearest downstream inlet at S.W. corner of Copper St. and Eubank Blvd. N.E.
9. Unimproved alley in rear of site. No Alley Grades Required Alley not used for Access or Drainage.

K20/D16

CONSULTANTS, TERRA SOL INC.
ALBUQUERQUE OFFICE - 1100 B ALVARADO N.E. ALBUQUERQUE, N. MEX., 87110 266-3444
SANDIA PARK OFFICE - P.O. BOX 142 SANDIA PARK, N. MEX., 87047 281-1991

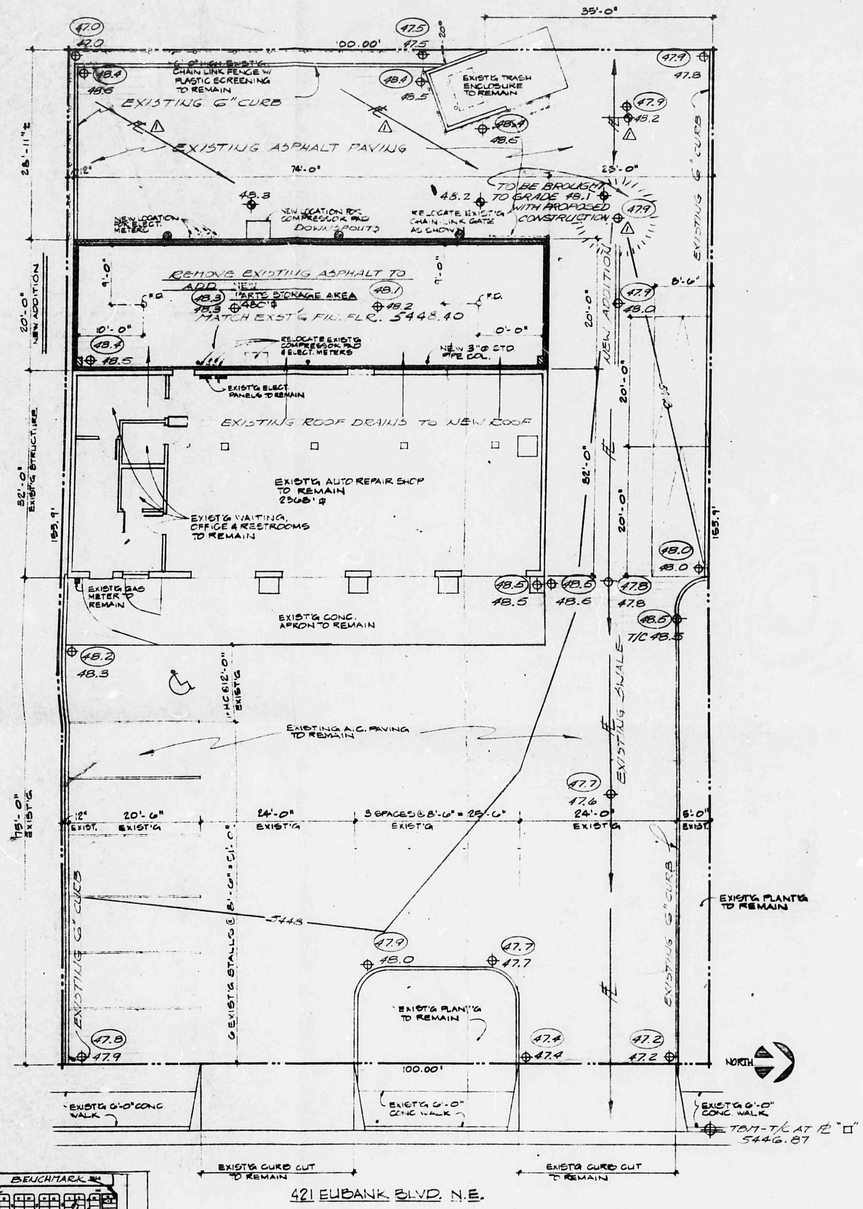
Revisions	Date

Designed
Drawn
Checked

Grading/Drainage Plan for 421 Eubank Blvd. N.E.

CHRISTOPHER A. MARTINEZ
NEW MEXICO
6825
REGISTERED PROFESSIONAL ENGINEER

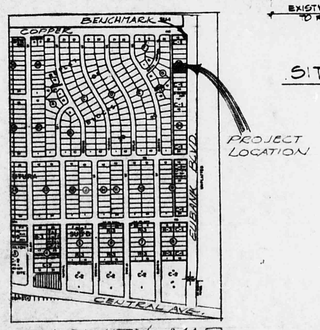
SHEET 1 OF 1



421 EUBANK BLVD. N.E.

SITE PLAN - DANIEL'S AUTOMOTIVE ADDITION

1"=10'



1"=750'

VICINITY MAP

ZONE MAP K-20

REFERENCE: DRAINAGE PLAN FILE # K20-D16, 12-10-82

RECEIVED OCT 25 1985 HYDROLOGY SECTION

DRAINAGE PLAN

EXISTING CONDITIONS FOR ADDITION

LOTS 19 & 20 — BLOCK 25

BUENA VENTURA SUBDIVISION

ALBUQUERQUE, NEW MEXICO

BENCHMARK 2-K-20 — ELEV. 5442.39 — FLOOD MAP 30 — SOIL TYPE "B"

TOTAL AREA = 15,590 SQ. FT. = 0.36 ACRES

TOTAL AREA ROOFED OR PAVED, EXISTING = 14,640 SQ. FT. = 94%

TOTAL AREA ROOFED OR PAVED, PROPOSED = 14,640 SQ. FT. = 94%

PROPOSED 1480 SQ. FT. ADDITION WILL BE LOCATED IN AN AREA ALREADY PAVED. NO ADDITIONAL RUNOFF WILL BE CREATED.

LEGEND

PROPERTY LINE

EXISTING CONTOURS — 5448

EXISTING SPOT ELEVATION

PROPOSED SPOT ELEVATION

EXISTING CURB

FLOW DIRECTION

GENERAL NOTES

1. EXISTING PERIMETER CURBS & PAVING CONFIGURATION ROUTE 98% OF DEVELOPED RUNOFF TO EUBANK BLVD.
2. NO ADDITIONAL IMPERVIOUS AREA IS CREATED BY THE BUILDING ADDITION. LOCATION OF THE PROPOSED ADDITION IS PRESENTLY IMPERVIOUS PAVING.
3. PAVING WILL BROUGHT TO DESIGN GRADE AT COMPLETION OF PROJECT.

RECEIVED OCT 25 1985 HYDROLOGY SECTION

REVISED 10-25-85

AS BUILT - CERTIFIED 10/16/85

DUANE LEE LOGAN N.M. 2306 REGISTERED PROFESSIONAL ENGINEER

DUANE LOGAN
CONSULTING CIVIL ENGINEER
501 KINLEY N.E. 243-6353
ALBUQUERQUE, NEW MEXICO 87102

EXISTING CONDITIONS FOR ADDITION	File # K-20
For: DANIEL'S AUTOMOTIVE	Date 10-25-85
At: 421 EUBANK BLVD. N.E.	Drawn D.L.L.
BOW MILLER, COLTER & ASSOC.	Scale

K20/D16

HYDROLOGY

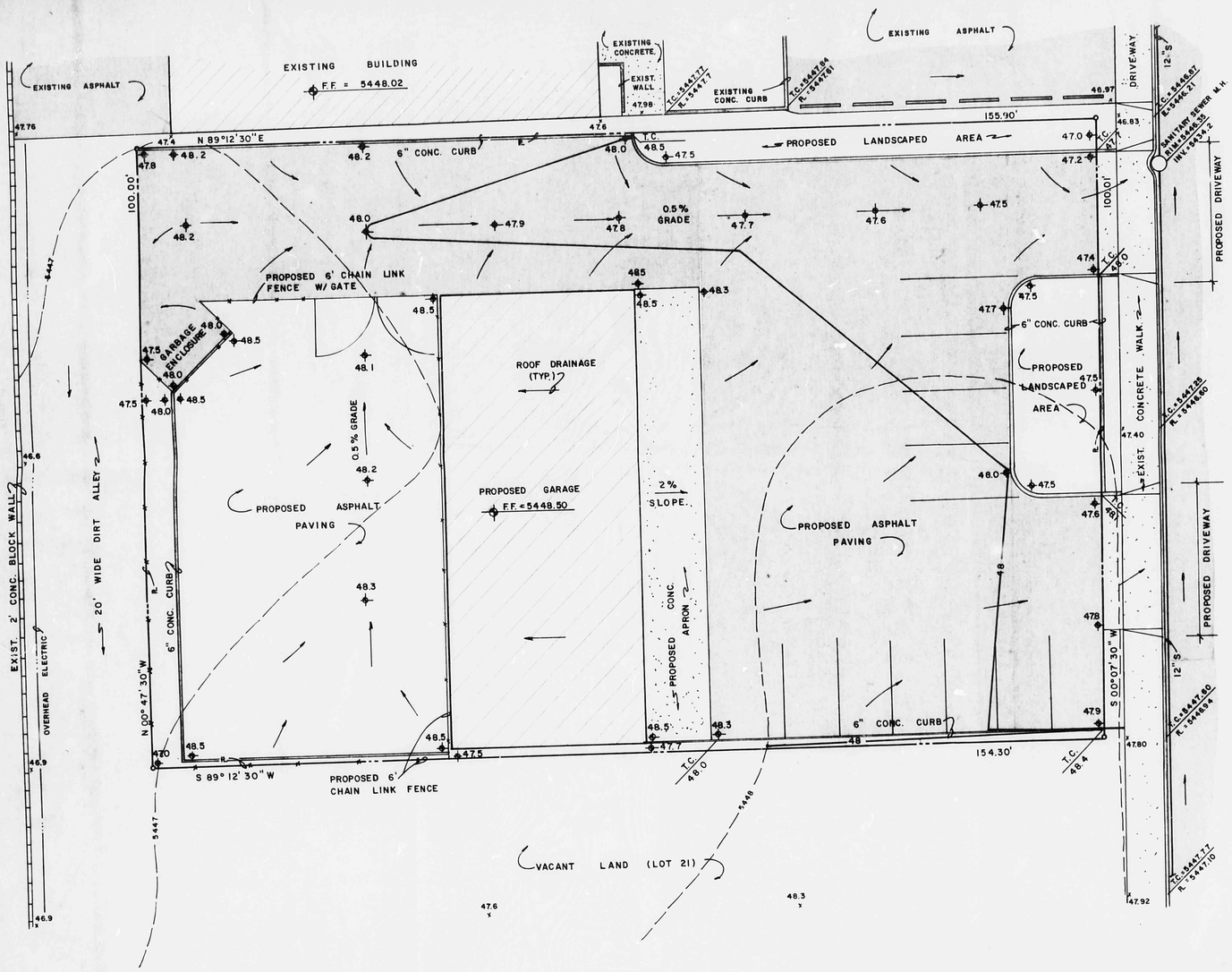
K20/D16

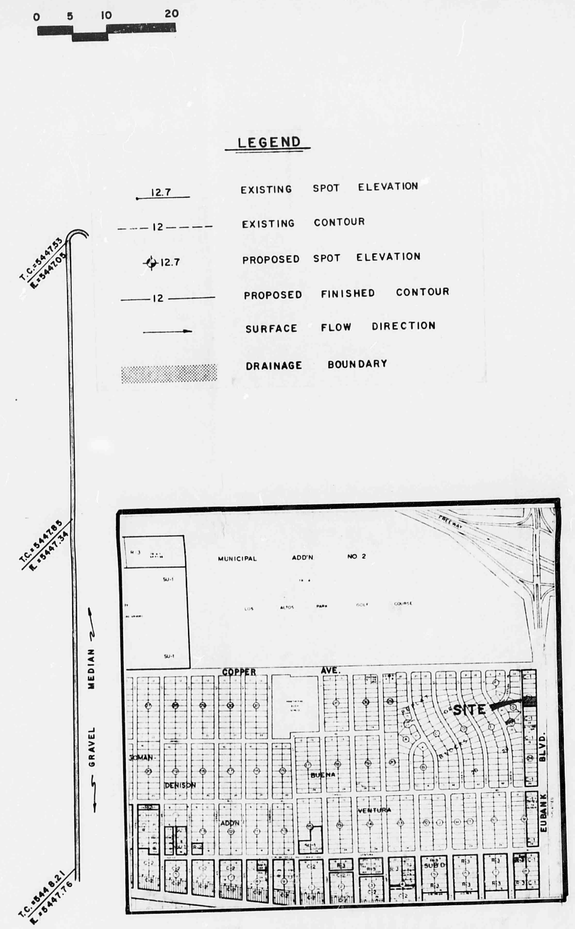
K20/D16

DANIEL'S

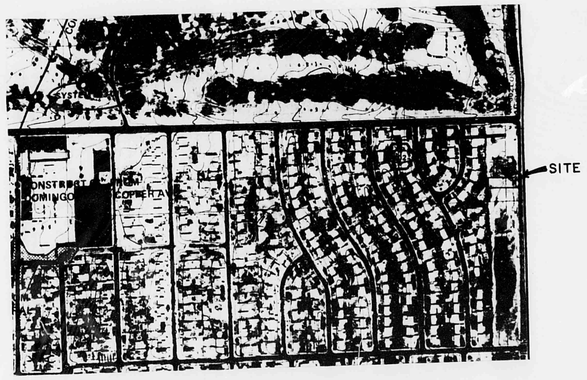
AUTOMOTIVE

2 PLANS





VICINITY MAP - K-20



FLOOD HAZARD MAP

DRAINAGE CRITERIA

In pre-design discussion with City Hydrology Engineering Dept. the following was determined about the site:

1. There is an existing 60" R.C.P. storm drain in Eubank up to Copper St. where it increases in size to 72" in Eubank to I-40 Channel.

2. Basin 3 empties into this system. Existing peak flow from area is 140 c.f.s. at study point 401, Eubank and Copper, which is approx. 250' north of this site.

3. Existing capacity of storm drain at Eubank and Copper is 160 c.f.s.. Therefore, because the proposed site would discharge its flows before the peak from Basin 3 reached the area, capacity is available within the storm sewer to handle free discharge from site. This approach was agreed upon by City Hydrology. Additional conditions agreed upon are that the plan be designed so that landscaped areas are self-contained in order to prevent irrigation flows from running onto the pavement.

NOTES:

1. Legal: Lots 19 and 20, Block 25, Buena Ventura Subdivision, Albuquerque New Mexico
2. Area: 0.36 Acres
3. Surveyor: Ron Forstbauer Survey Company, 12-82
4. Bench Mark: City of Albuquerque 2-K-20, a square chisled on the W.S.W. curb return at the intersection of Eubank and Copper N.E.. Elev. - 5442.39
5. T.B.M.: Top of Curb at north lot line projection. Elev. - 5446.87
6. Site is not located in a Flood Hazard Area.
7. S.C.S. Soils Map No. 32 - Soil series TgB, Hydrologic soil group 'B'.
8. Storm sewer facilities available in Euban. Blvd. - nearest downstream inlet at S.W. corner of Copper St. and Eubank Blvd. N.E.
9. Unimproved alley in rear of site. No Alley Grades Required Alley not used for Access or Drainage.

CONSULTANTS, TERRA SOL INC.
ALBUQUERQUE OFFICE - 1100 B ALVARADO N.E.
ALBUQUERQUE, N. MEX., 87110
266-3444
SANDIA PARK OFFICE - P.O. BOX 142
SANDIA PARK, N. MEX., 87047
281-1931

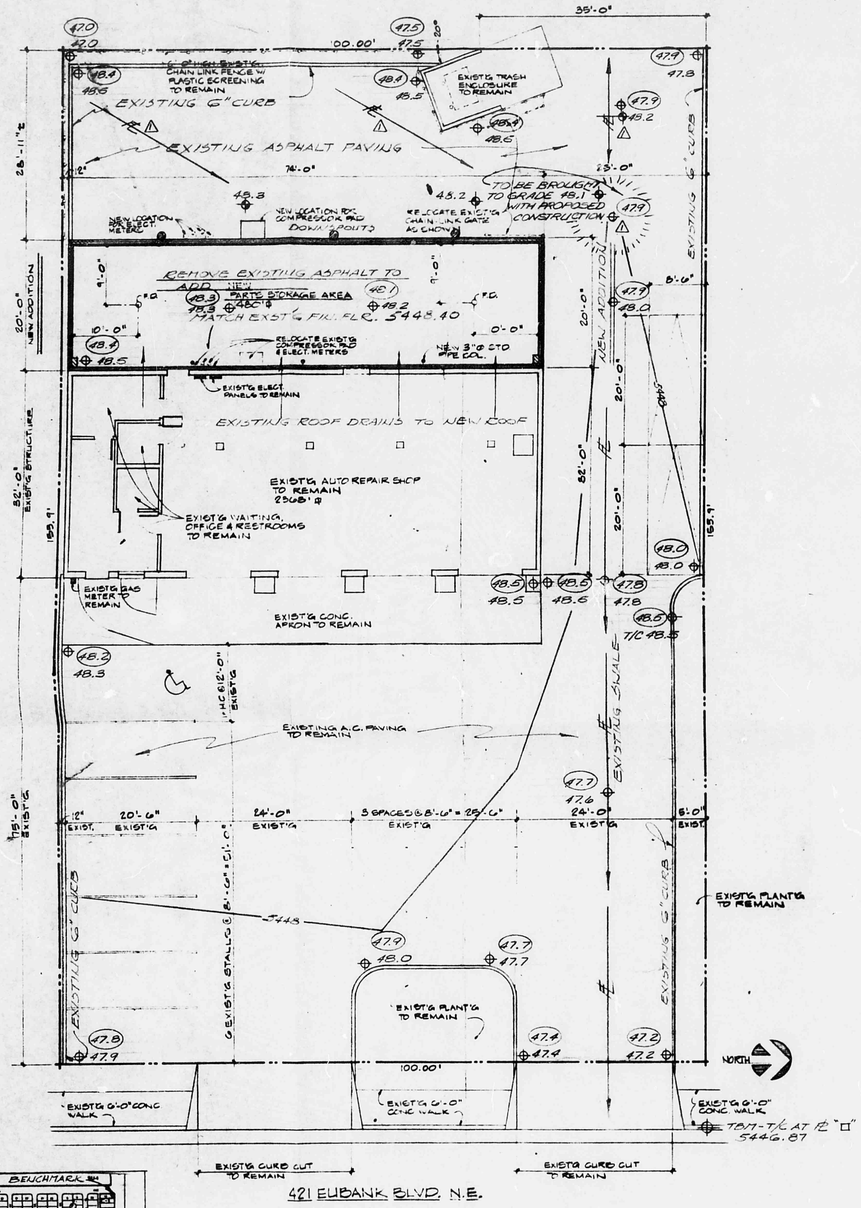
Revisions | Date

Designed
Drawn
Checked

Grading/Drainage Plan for 421 Eubank Blvd. N.E.

K20/D16

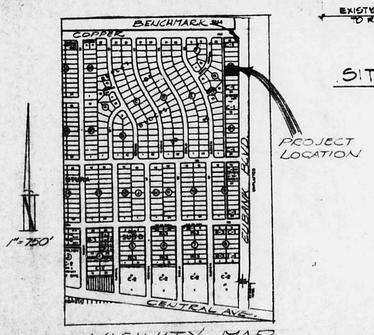
SHEET 1 OF 1



421 EUBANK BLVD. N.E.

SITE PLAN - DANIEL'S AUTOMOTIVE ADDITION

1" = 10'



VICINITY MAP

ZONE MAP K-20

REFERENCE: DRAINAGE PLAN FILE # K20-D16, 12-10-82

RECEIVED OCT 25 1985 HYDROLOGY SECTION

DRAINAGE PLAN

EXISTING CONDITIONS FOR ADDITION

LOTS 19 & 20 — BLOCK 25

BUENA VENTURA SUBDIVISION

ALBUQUERQUE, NEW MEXICO

BENCHMARK 2-K-20 — ELEV. 5442.39 — FLOOD MAP 30 — SOIL TYPE "B"

TOTAL AREA = 15,590 SQ. FT. = 0.36 ACRES

TOTAL AREA ROOFED OR PAVED, EXISTING = 14,640 SQ. FT. = 94%

TOTAL AREA ROOFED OR PAVED, PROPOSED = 14,640 SQ. FT. = 94%

PROPOSED 1480 SQ. FT. ADDITION WILL BE LOCATED IN AN AREA ALREADY PAVED. NO ADDITIONAL RUNOFF WILL BE CREATED.

LEGEND

PROPERTY LINE

EXISTING CONTOURS — 5448

EXISTING SPOT ELEVATION

PROPOSED SPOT ELEVATION

EXISTING CURB

FLOW DIRECTION

GENERAL NOTES

1. EXISTING PERIMETER CURBS & PAVING CONFIGURATION ROUTE 98% OF DEVELOPED RUNOFF TO EUBANK BLVD.
2. NO ADDITIONAL IMPERVIOUS AREA IS CREATED BY THE BUILDING ADDITION. LOCATION OF THE PROPOSED ADDITION IS PRESENTLY IMPERVIOUS PAVING.
3. PAVING WILL BROUGHT TO DESIGN GRADE AT COMPLETION OF PROJECT.

RECEIVED OCT 25 1985 HYDROLOGY SECTION

REVISED 10-25-85

AS BUILT - CERTIFIED 10/16/85

DUANE LEE LOGAN N.M. 2300 REGISTERED PROFESSIONAL ENGINEER

DUANE LOGAN
CONSULTING CIVIL ENGINEER
501 KINLEY N. E. 243-6353
ALBUQUERQUE, NEW MEXICO 87123

EXIST'G CONDITIONS FOR ADDITION	Sheet 1 of 1
For: DANIEL'S AUTOMOTIVE	Date: 10-8-85
At: 421 EUBANK BLVD. N.E.	Drawn: DLL
BOW FILLER CONTR. — 294-8128	Chkd:

K20/D16