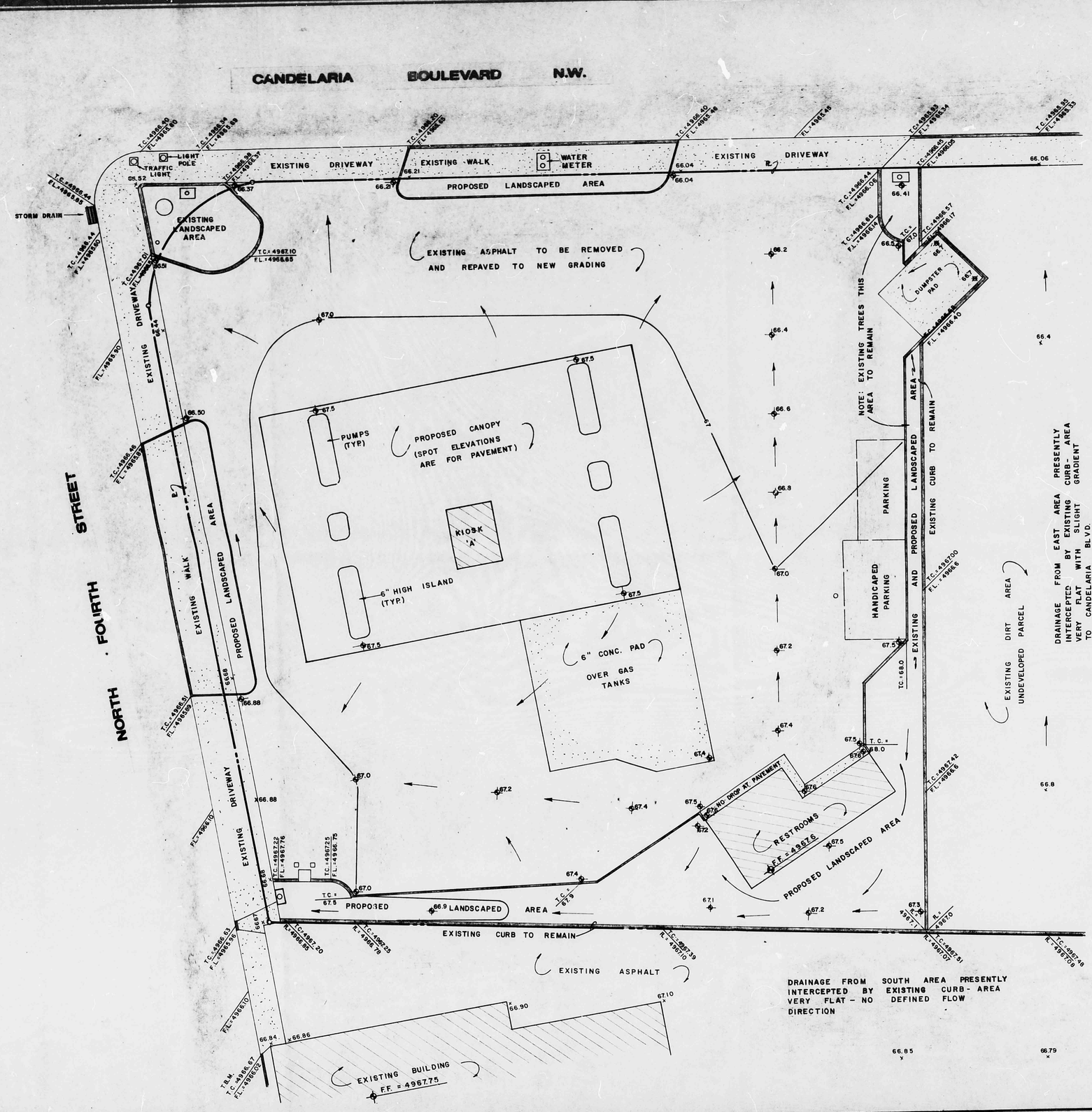
HYDROLOGY

G14/D15
2 PLANS

G14/D15

2 Plans

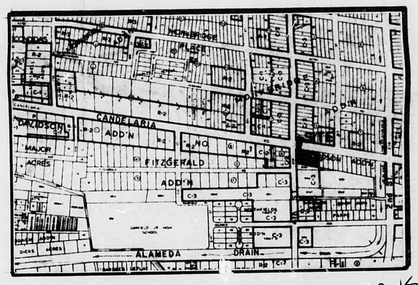


0 5 10 20

LEGEND

12.7	EXISTING SPOT ELEVATION
---12---	EXISTING CONTOUR
12.7	PROPOSED SPOT ELEVATION
—12—	PROPOSED FINISHED CONTOUR
→	SURFACE FLOW DIRECTION

NOTE: NO EXISTING CONTOURS SHOWN FOR SITE DUE TO DEMOLITION OF EXISTING STATION



LOCATION MAP G-14 -D 15

NOTES:

LEGAL: LOTS 1, 2, 3, AND 4 OF DAVIDSON ADDITION, ALBUQUERQUE, NEW MEXICO

SURVEYOR: RON FORSTBAUER SURVEY CO. 3-24-83

BENCH MARK: CITY OF ALBUQUERQUE 6-G14. SQUARE CHISELED ON TOP OF CURB, N.W. QUADRANT OF GRIEGOS ROAD AND 4th. ST. N.W. ELEVATION = 4966.36

TEMPORARY BENCH MARK: TOP OF CURB W. OF EXISTING BUILDING S. OF FILLING STATION. ELEVATION = 4966.67

DESIGN CRITERIA: IN A PRE-DESIGN MEETING W/CITY HYDROLOGY, FRED AGUIRRE, ON 3-14-83, THE FOLLOWING CRITERIA WAS ESTABLISHED
- NO PONDING IF DEVELOPED RUNOFF IS EQUAL TO RUNOFF GENERATED BY EXISTING SITUATION. THE EXISTING LAND USE INVOLVED A GAS SERVICE STATION & ASSOCIATED PAVEMENT. THE PROPOSED LAND USE WILL ALSO BE A SERVICE STATION WITH ASSOCIATED PAVEMENT. BOTH LAND USES GENERATE EQUAL RUNOFF.
- ALL DRAINAGE TO DEPART SITE VIA THE DRIVEPADS.
- TOPOGRAPHIC SURVEY MAP ENCLOSED WITH THIS PLAN.
- SITE IS NOT LOCATED IN FLOOD HAZARD AREA.
- LANDSCAPED AREAS TO BE GENERALLY SELF-PONDING WITH SLIGHT GRADIENT TO STREET WHENEVER POSSIBLE.

RECEIVED
APR 28 1983
ENGINEERING

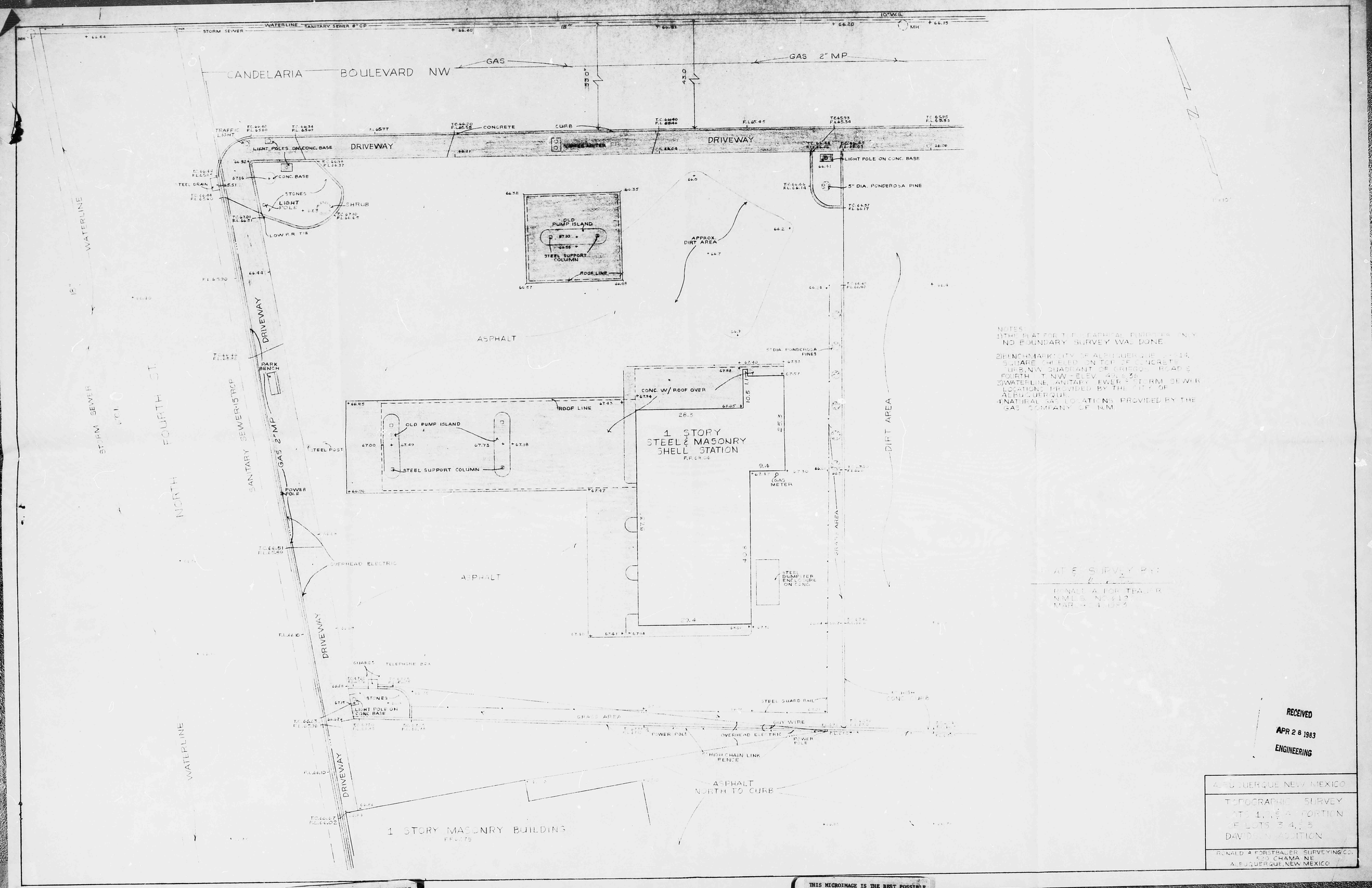
CONSULTANTS, TERRA SOL INC.
ALBUQUERQUE OFFICE - 1100 B. ALVARADO N.E. 266-5444 ALBUQUERQUE, N. MEX., 87110
SANDIA PARK OFFICE - P.O. BOX 1142 281-1881 SANDIA PARK, N. MEX., 87047

Revisions	Date

Designed C.L.W. 4-83
Drawn L.L.W. 4-83
Checked C.L.W. 4-83

GRADING/DRAINAGE PLAN FOR GAS STATION AT 4th and Candelaria N.W.

SHEET 1 OF 1



NOTES:
1) THE PLAT FOR TOPOGRAPHICAL PURPOSES ONLY. NO BOUNDARY SURVEY WAS DONE.
2) BENCH MARK: CITY OF ALBUQUERQUE BRASS CAP, SQUARE CHISELED ON TOP OF CONCRETE. LOCATED IN NW QUADRANT OF FOURTH ROAD & FOURTH ST. NW - ELEV. 4945.26
3) WATERLINE, SANITARY SEWER & STORM SEWER LOCATIONS PROVIDED BY THE CITY OF ALBUQUERQUE.
4) NATURAL GAS LOCATIONS PROVIDED BY THE GAS COMPANY OF N.M.

PLAT & SURVEY BY:
RONALD A. FORSTBALER
NMLS No. 6612
MAR. 3, 1983

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APR 28 1983
ENGINEERING

ALBUQUERQUE, NEW MEXICO
TOPOGRAPHIC SURVEY
LOTS 1, 2 & A PORTION OF LOTS 3, 4, 5
DAVIDSON ADDITION
RONALD A. FORSTBALER SURVEYING CO.
510 CHAMA NE
ALBUQUERQUE, NEW MEXICO

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

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