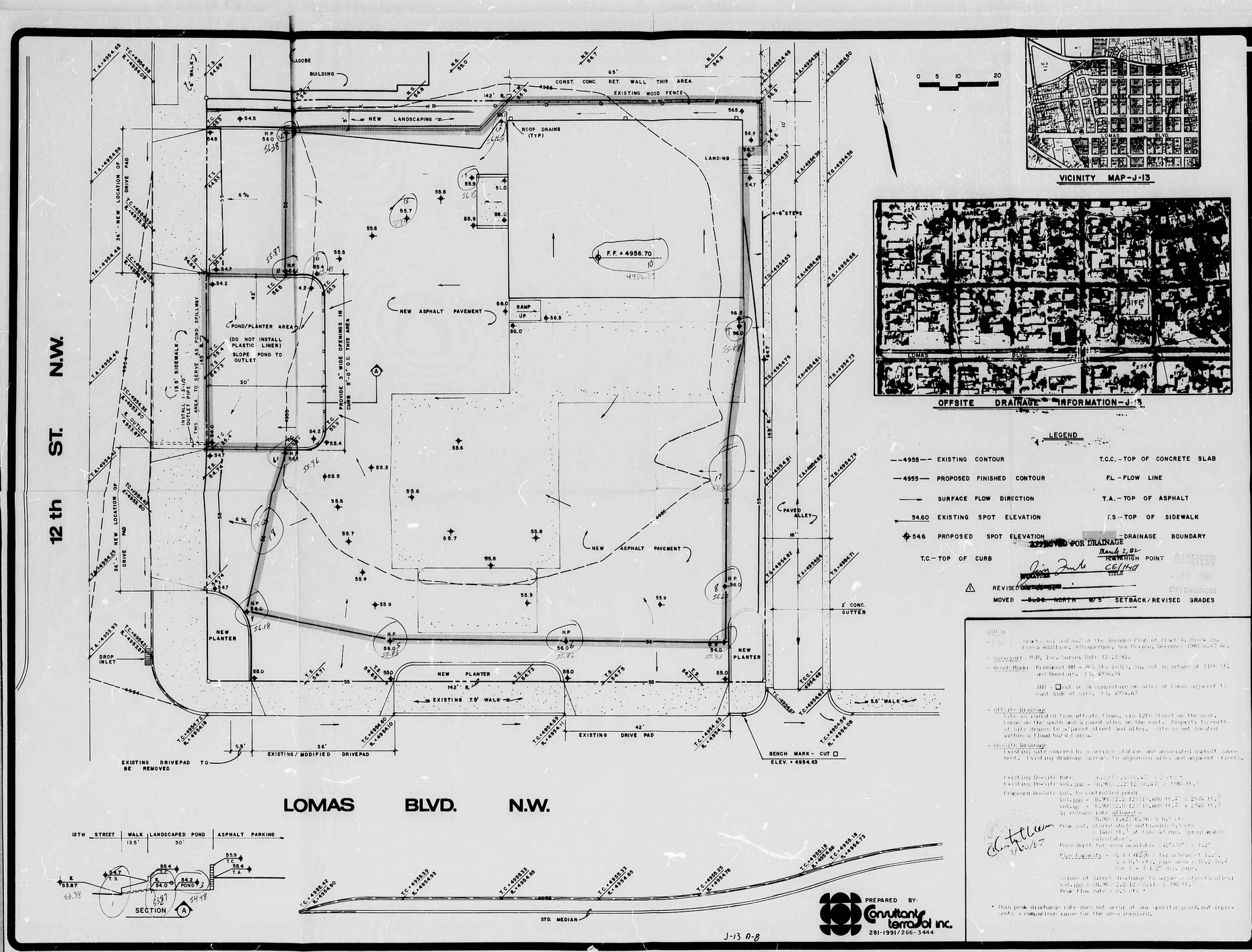

VICINITY MAP-J-13

OFFSITE DRAINAGE INFORMATION-J-13

LEGEND

--4955-- EXISTING CONTOUR	T.C.C. - TOP OF CONCRETE SLAB
—4955— PROPOSED FINISHED CONTOUR	F.L. - FLOW LINE
SURFACE FLOW DIRECTION	T.A. - TOP OF ASPHALT
54.60 EXISTING SPOT ELEVATION	T.S. - TOP OF SIDEWALK
54.6 PROPOSED SPOT ELEVATION	DRAINAGE BOUNDARY
T.C. - TOP OF CURB	HIGH POINT

APPROVED FOR DRAINAGE
March 2, 82
CE/HYD

RECEIVED
FEB 8 1982
CITY ENGINEER

△ REVISED ~~OUTLINE~~ SE
MOVED ~~BLDG. NORTH~~ W/5 SETBACK/REVISED GRADES

Notes:

- Legal: Tracts A-1 and A-2 of the Amended Plat of Tract A, Block 26, Perea Addition, Albuquerque, New Mexico, December 1981, 0.47 Ac.
- Surveyor: M.M. Inc. Survey Date 12.21.81.
- Bench Mark: Permanent BM - ACS Stn 1-13, Sq. cut in return of 11th St. and Boundary. El. 5296.94

  BM - □ cut in SW curb return on alley of Lomas adjacent to east side of site. El. 4954.63
- Offsite Drainage

  Site is protected from offsite flows, via 12th Street on the west, Lomas on the south and a paved alley on the east. Property to north of site drains to a paved street and alley. Site is not located within a flood hazard area.
- On-Site Drainage

  Existing site covered by a service station and associated asphalt pavement. Existing drainage sheets to adjoining alley and adjacent streets.

  Existing On-Site Rate = 0.90(0.2)(2.2)(0.47) = 2 cfs.*
  Existing On-Site Vol.(m) = 0.90(2.2)(12)(0.47) = 498 ft.³

  Proposed On-Site Vol. to controlled pond:
  Vol.(m) = 0.90(2.2)(12)(15,600 ft.²) = 2574 ft.³
  Vol.(s) = 0.90(2.2)(12)(15,600 ft.²) = 2340 ft.³
  Q release rate allowed =
  0.90(1.2)(2.2)(0.46) = 0.5 cfs
  Peak vol. stored shall not exceed the:
  = Lesser ft.³ of the 24 min. programmable calculator.
  Pond depth for area available 42"x30" = 1.2'
  Pipe Capacity - Q = (AV)(3) - for a head of 1.2', 2 = 0.7 cfs, pipe area = Pipe Dia. Dia 1 - 3.1.2" dia. pipe.

  Volume of direct discharge to adjacent streets/alley:
  Vol.(m) = 0.90(2.2)(2.2)(0.11) = 700 ft.³
  Peak flow rate = 0.5 cfs *

  C. Fellows 10/5/87

* This peak discharge rate does not occur at any specific point, but represents a comparison value for the area involved.

7-ELEVEN

A DIVISION OF THE SOUTHLAND CORPORATION
2828 N. HASKELL
DALLAS TEXAS

JOB NO.

LOCATION
Lomas & 12th N.W.

CITY
Albuquerque, NM

DATE
21 Jan 1982

PAGE C1 OF

DENVER CONSTRUCTION DIV.
7167 SO. ALTON WAY
ENGLEWOOD, COLORADO 80112
TELEPHONE 303-740-9333

THIS PLAN SHOT TWICE ONCE ON LIGHT AND ONCE ON DARK.

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

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CITY OF ALBUQUERQUE
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