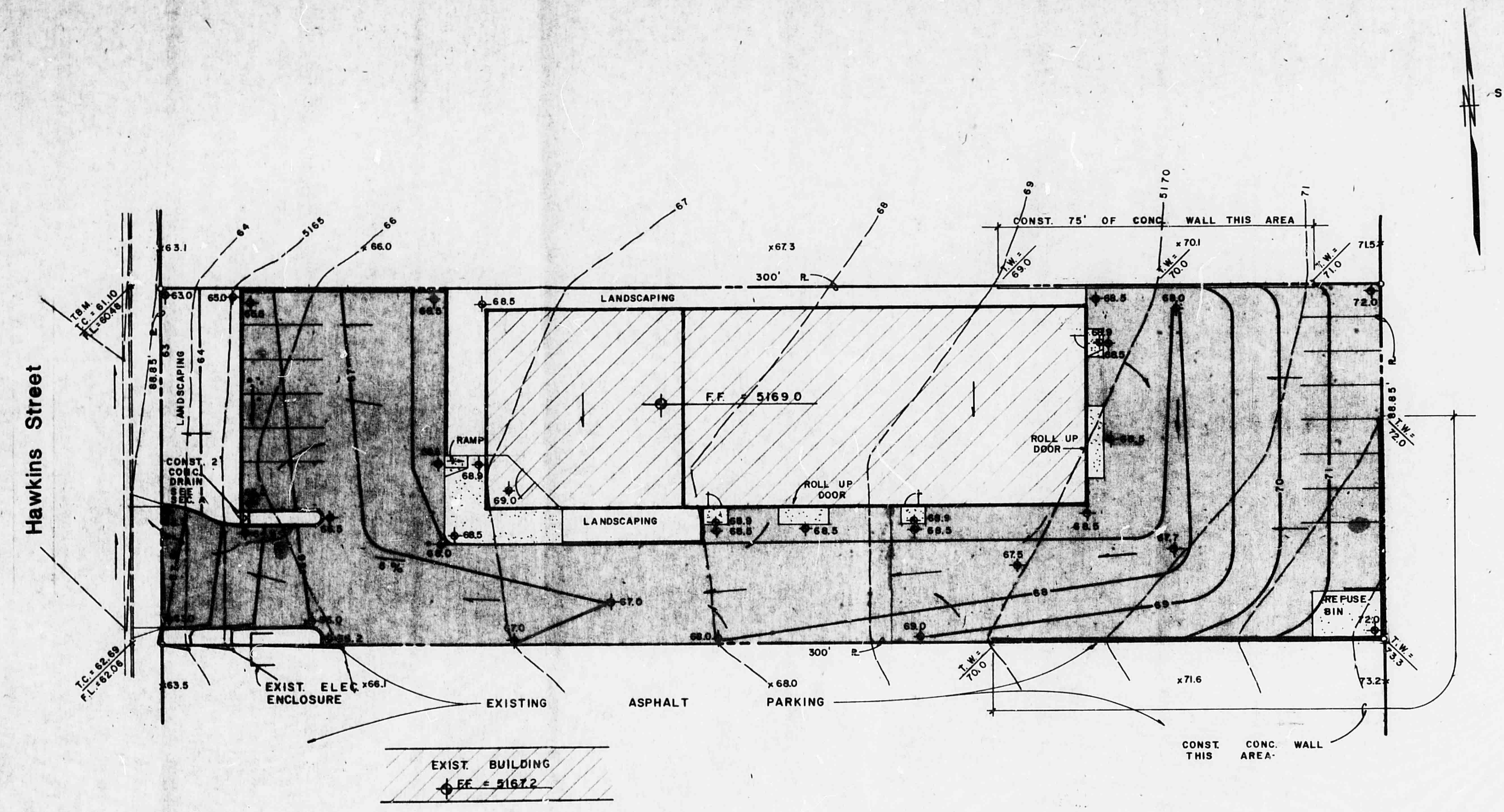
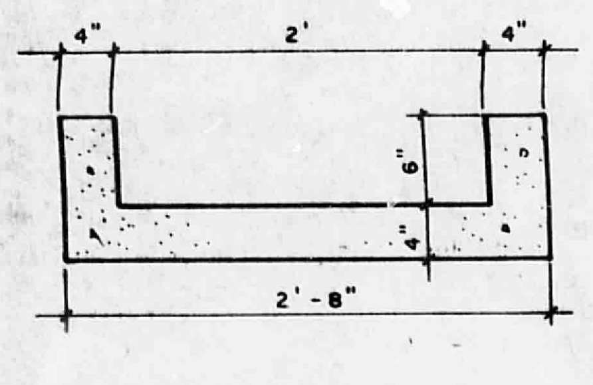
HYDROLOGY D17/D50 WAREHOUSE FOR FAIR PLAZA

D17/D50

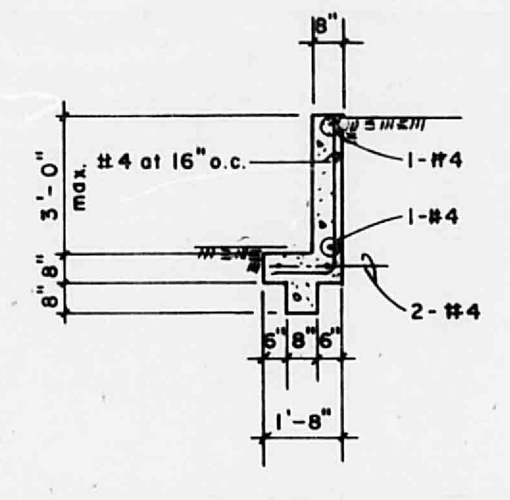
WAREHOUSE
FOR
FAIR PLAZA

1 PLAN


SCALE: 1" = 20'
Hawkins Street
LANDSCAPING
F.F. = 5169.0
RAMP
ROLL UP DOOR
REFUSE BIN
CONST. 75' OF CONC. WALL THIS AREA
CONST. 2' CONC. DRAIN
EXIST. ELEC. ENCLOSURE
EXISTING ASPHALT PARKING
CONST. CONC. WALL THIS AREA
EXIST. BUILDING
F.F. = 5167.2
300'



SECTION A

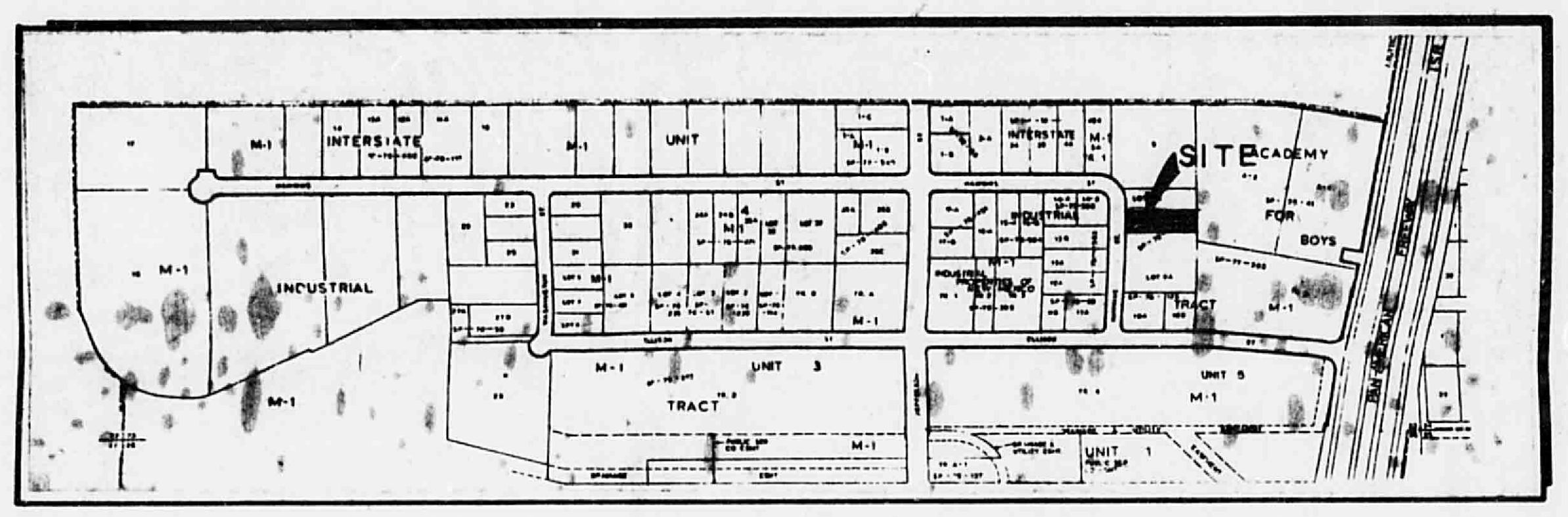

#4 at 16" o.c.
3'-0" max.
1-#4
1-#4
2-#4
1'-8"

CONC. WALL DETAIL

GRADING DRAINAGE PLAN

LEGEND

▨	ASPHALT PAVING
☐	LANDSCAPED AREA
—	PROPERTY LINE
	EXISTING CURB & GUTTER W/SIDEWALK
12.7	EXISTING SPOT ELEVATION
12	EXISTING CONTOUR
12.7	PROPOSED SPOT ELEVATION
12	PROPOSED FINISHED CONTOUR
→	SURFACE FLOW DIRECTION
▨	BUILDING STRUCTURE


SITE
INTERSTATE
INDUSTRIAL
TRACT
UNIT
ACADEMY
FOR
BOYS

VICINITY MAP D-17

NOTES:

1. Legal: Lot 8-A, Interstate Industrial Tract, Unit V, Albuquerque, New Mexico.
2. Architects: Bill Shelton, A.I.A.
3. Surveyor: Oliver Trujillo, NMLS No. 6837, December 30, 1983.
4. B.M.: B-D17 City B.M. Data, Elevation 5145.784
5. T.B.M.: Projection of North ℞ to curb. Elevation 5161.10
6. Soil: SCS Map #21, Soil Type EmB. Hydrologic soil group "B".
7. Flood Plain: None (Panel 9 of FIRM)
8. Off-site Drainage: Higher land to the east is being used as a equipment construction yard. Previous grading of that lot has left a pond area in the S.W. corner of the lot. Runoff generally flows to this low area. Insignificant other runoff from the constuction yard will pass thru the site to discharge onto Hawkins Street.
9. Drainage Criteria: Per predesign with City Hydrology on March 19, 1984, the following criteria has been established;
   a. DPM Drainage Plan required.
   b. Free Discharge allowed. Discharge thru drivepad.
10. Flow Discharge Rates:
    a. Undeveloped rate Q100 = (2.15)(2.2)(0.34)(0.61 Ac.) = 1 c.f.s.
    b. Developed rate Q100 = (2.15)(2.2)(0.89)(0.61 Ac.) = 2.5 c.f.s.

D17/D50

CTS INC.
ENGINEERING
1100 ALVARADO N.E. SUITE A
ALBUQUERQUE, NEW MEXICO 87110
(505) 266-3444

REVISIONS DATE
DESIGNED
DRAWN
CHECKED

DRAINAGE / GRADING PLAN
OFFICE/WAREHOUSE FOR FAIR PLAZA ASSOCIATES

MAY 03 1984
HYDROLOGY

CHRISTOPHER L. WEISS
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

SHEET 2 OF 4