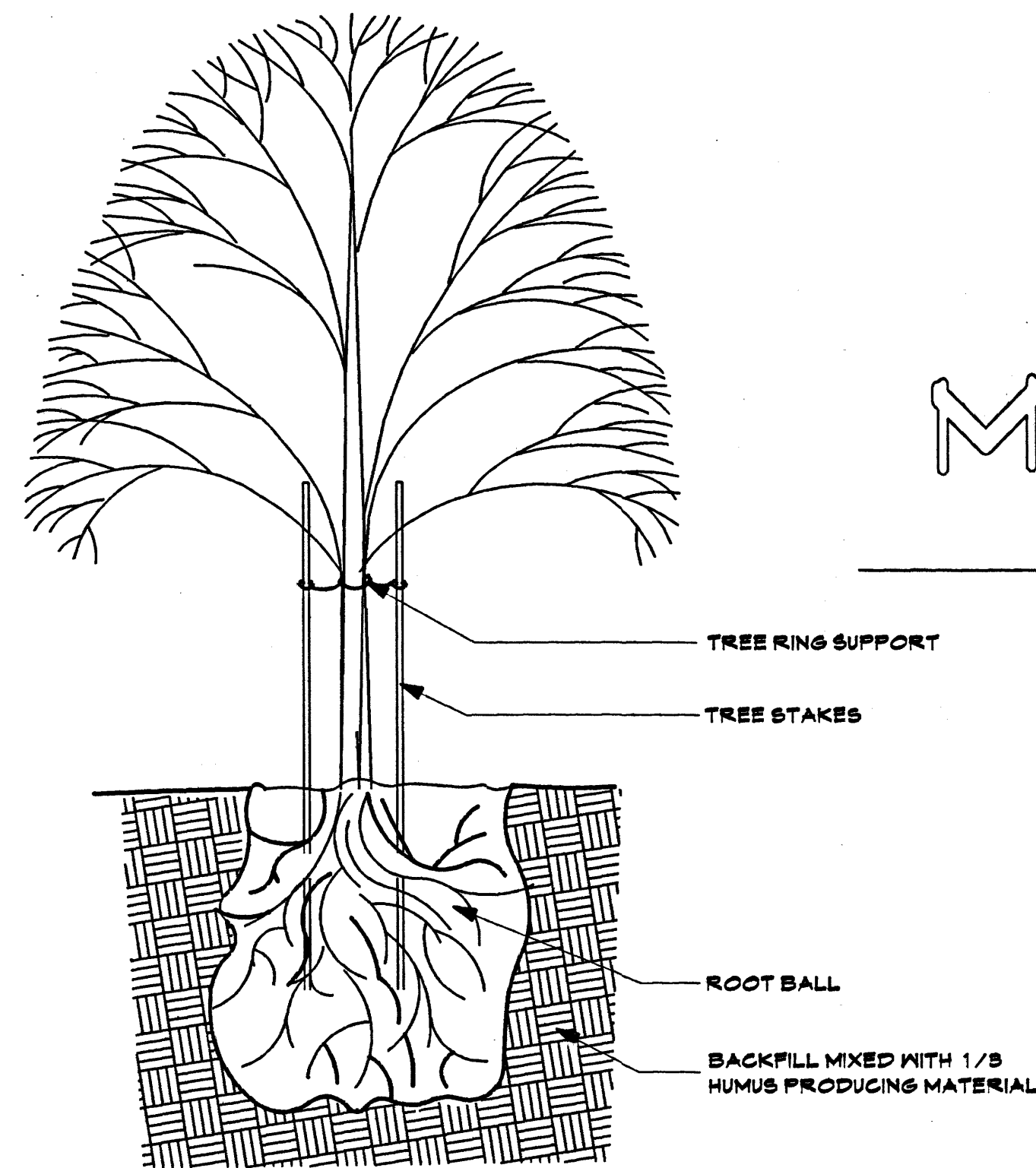
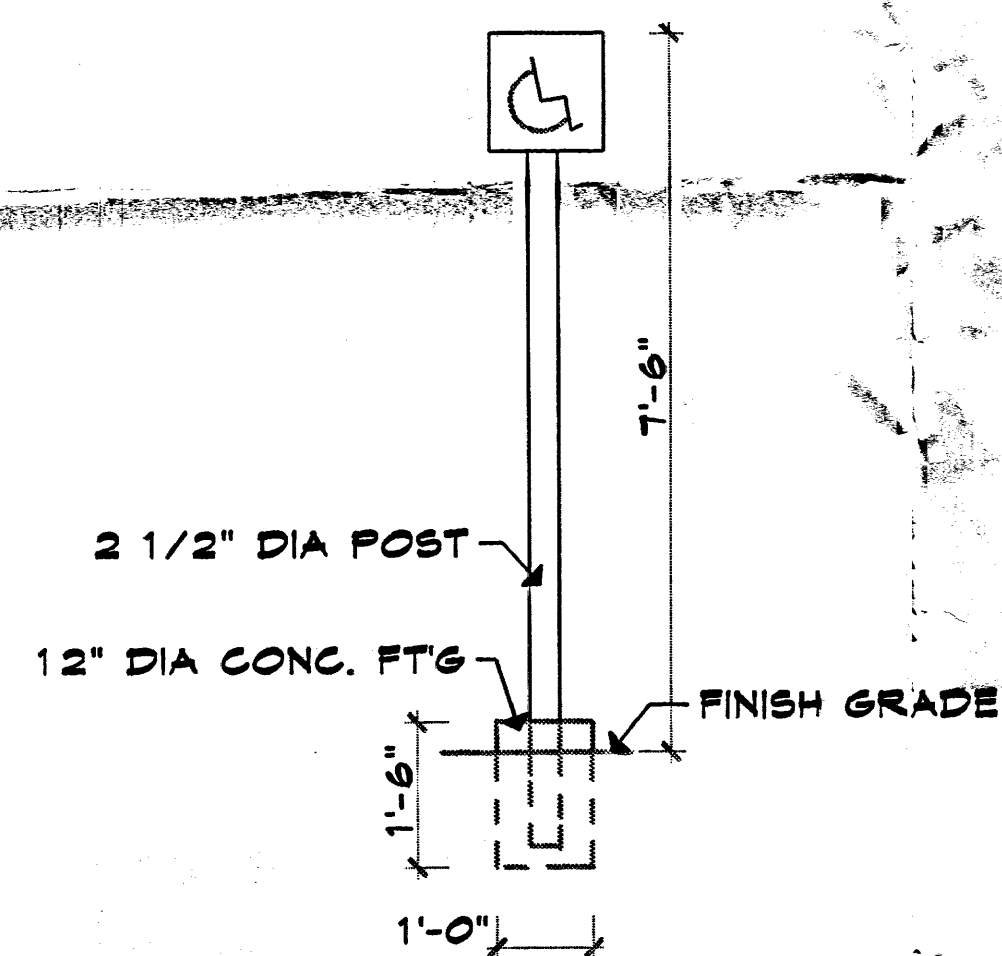


ADDITION TO

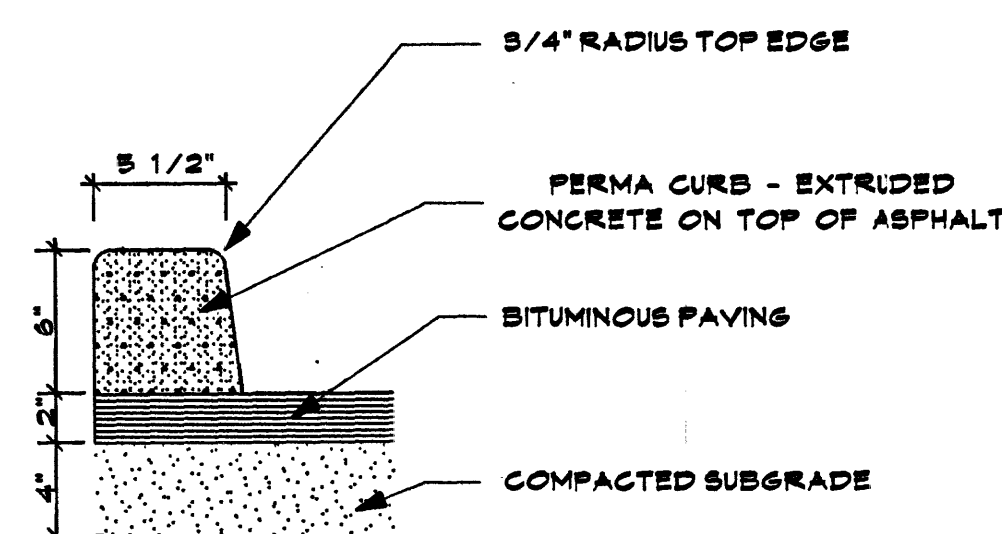
McCLINTIC INDUSTRIES



TREE PLANTING DETAIL
SCALE: 3/8" = 1'-0"



HANDICAPPED SIGN DETAIL

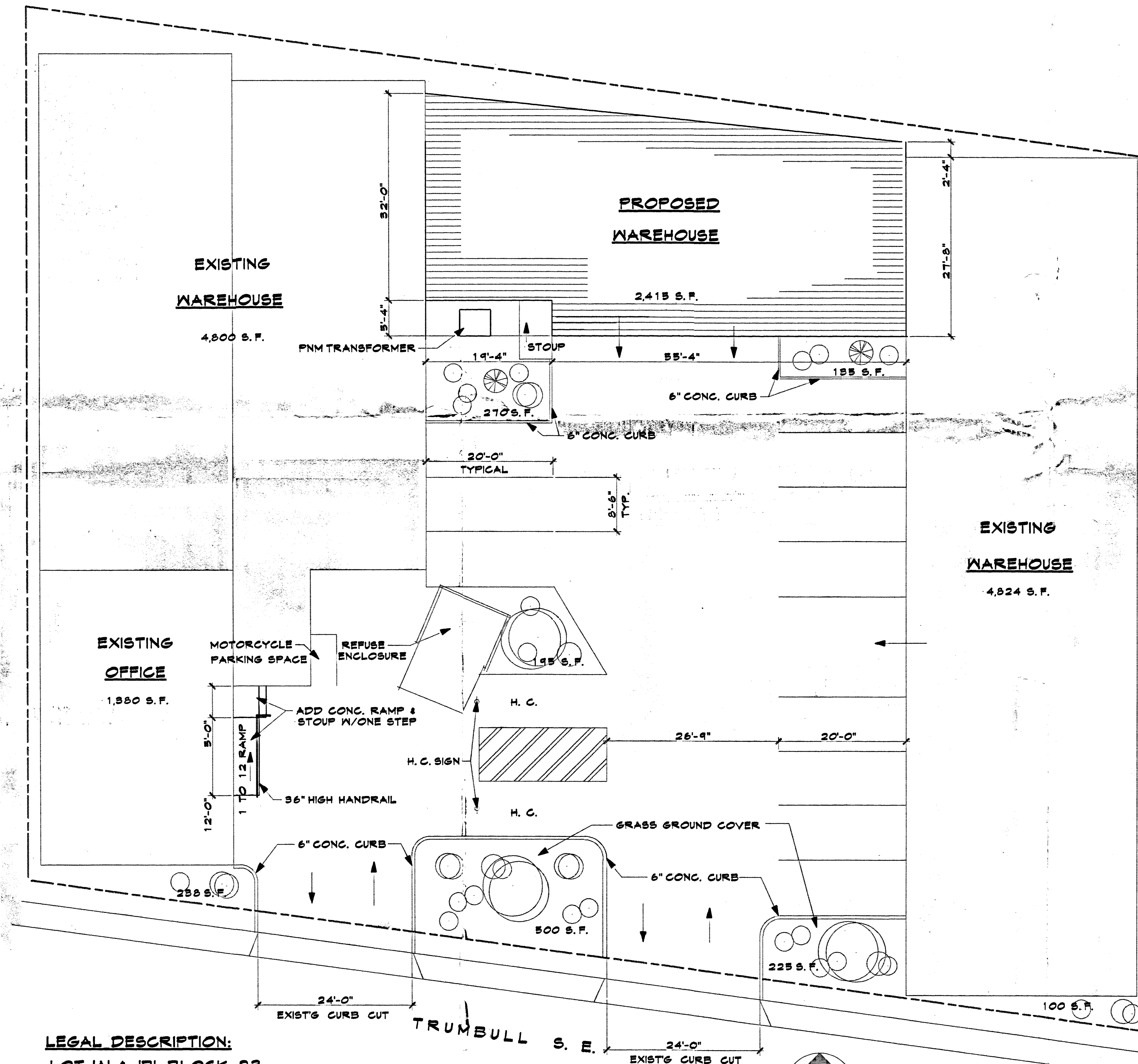


PERMA-CURB DETAIL

SCALE: 3/8" = 1'-0"

LEGAL DESCRIPTION:
LOT 'A' & 'B', BLOCK 23
SKYLINE HEIGHTS

SITE PLAN 1" = 20'



DESIGN DATA:

OCCUPANCY GROUP S-2

CONSTRUCTION TYPE IIN

OCCUPANT LOAD

2,400 S.F. / 500 = 12 PERSONS

SEISMIC LOAD 2B

ROOF LIVE LOAD 20 PSF

WIND PRESSURE 90 MPH

SOIL BRG 1,500 PSF

CONCRETE:

FOUNDATION 3,000 PSI

FLATWORK 2,500 PSI

PARKING:

9,624 S.F. / 2,000

= 5 SPACES

1,400 S.F. / 200 =

7 SPACES

TOTAL REQUIRED:

12 SPACES

TOTAL PROVIDED

13 SPACES

LANDSCAPING:

LAND AREA = 23,789 S.F.

LESS BLD'G = 13,419 S.F.

L.S. REQ'D = 10,370/15%

= 1,555 S.F.

L.S. PROVIDED = 225 + 500

+ 238 + 195 + 270 + 135

= 1,568 S.F.

LANDSCAPING:

- MODESTO ASH - 2" CALIPHER
- PURPLE LEAF PLUM - 2" CALIPHER
- AUSTRIAN PINE - 2" CALIPHER
- SHRUBS, A MIXTURE OF THE FOLLOWING:
CHAMISA, RUSSIAN SAGE, FOUR WING,
SALTBUSH, APACHE PLUME & THREE
LEAF SUMAC - 5 GAL
- GROUND COVER - 3/4" GRAVEL 'SANTA FE TAN'
GRASS - BUFFLO GRASS WHERE SHOWN

IRRIGATION BY HOSE BIB

MAINTENANCE BY OWNER

ALL LANDSCAPING WILL BE IN
CONFORMANCE W/CITY OF ALBUQ.
ZONING CODE, STREET TREE ORD.
POLLEN, WASTE WATER & WATER
SERVATION LANDSCAPE ORDINANCES

JOB NO.
DATE
REVISION
DRAWN BY
CHECKED BY

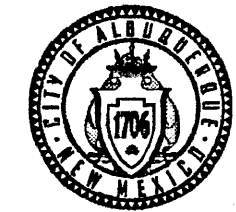
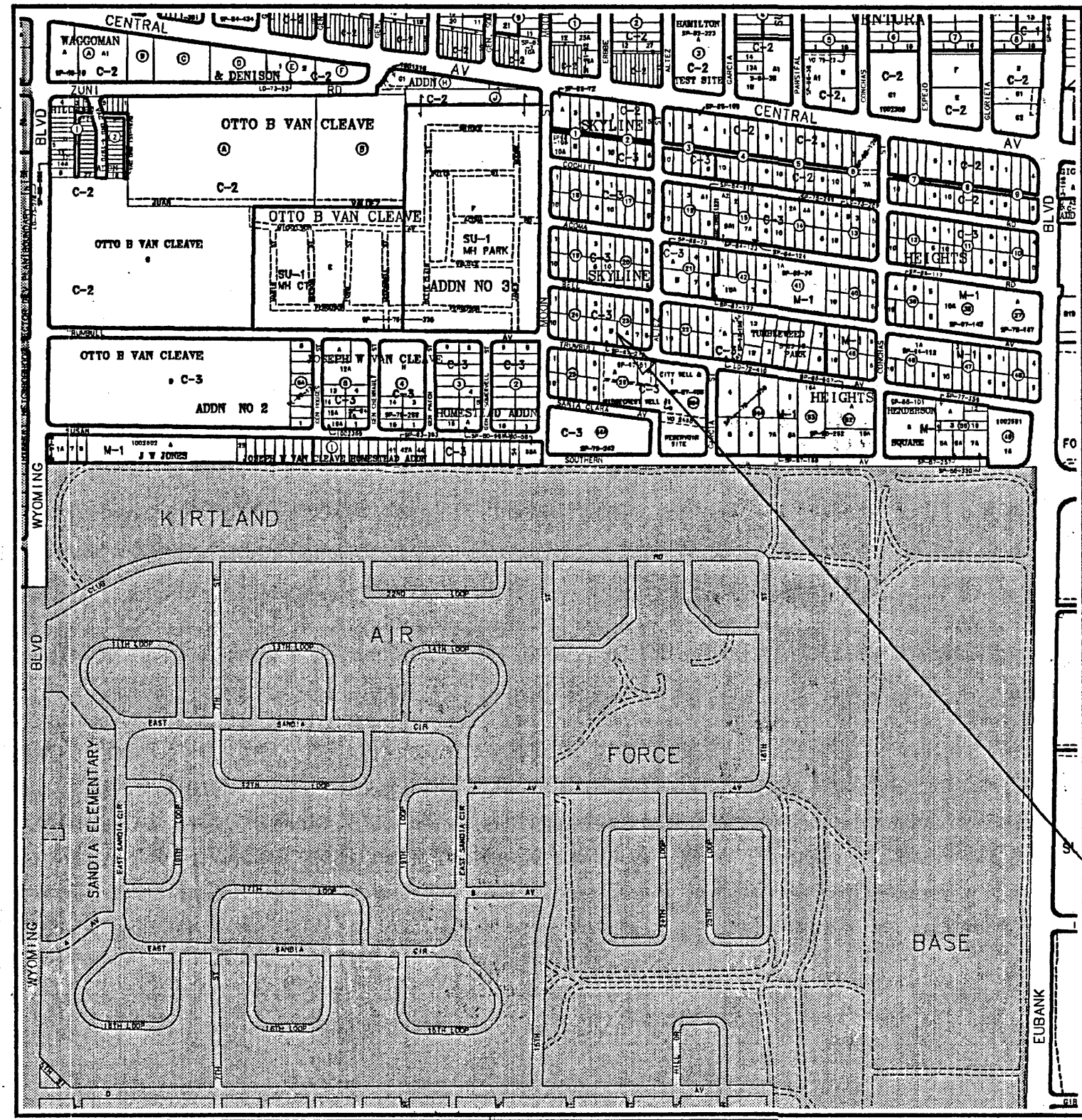
SHEET TITLE
SITE PLAN, DESIGN DATA,
NOTES & MISC. DETAILS

MILLER AND ASSOCIATES
ARCHITECTS PLANNERS
5220 SECOND STREET N.W.
ALBUQUERQUE, NEW MEXICO
505/345-1512

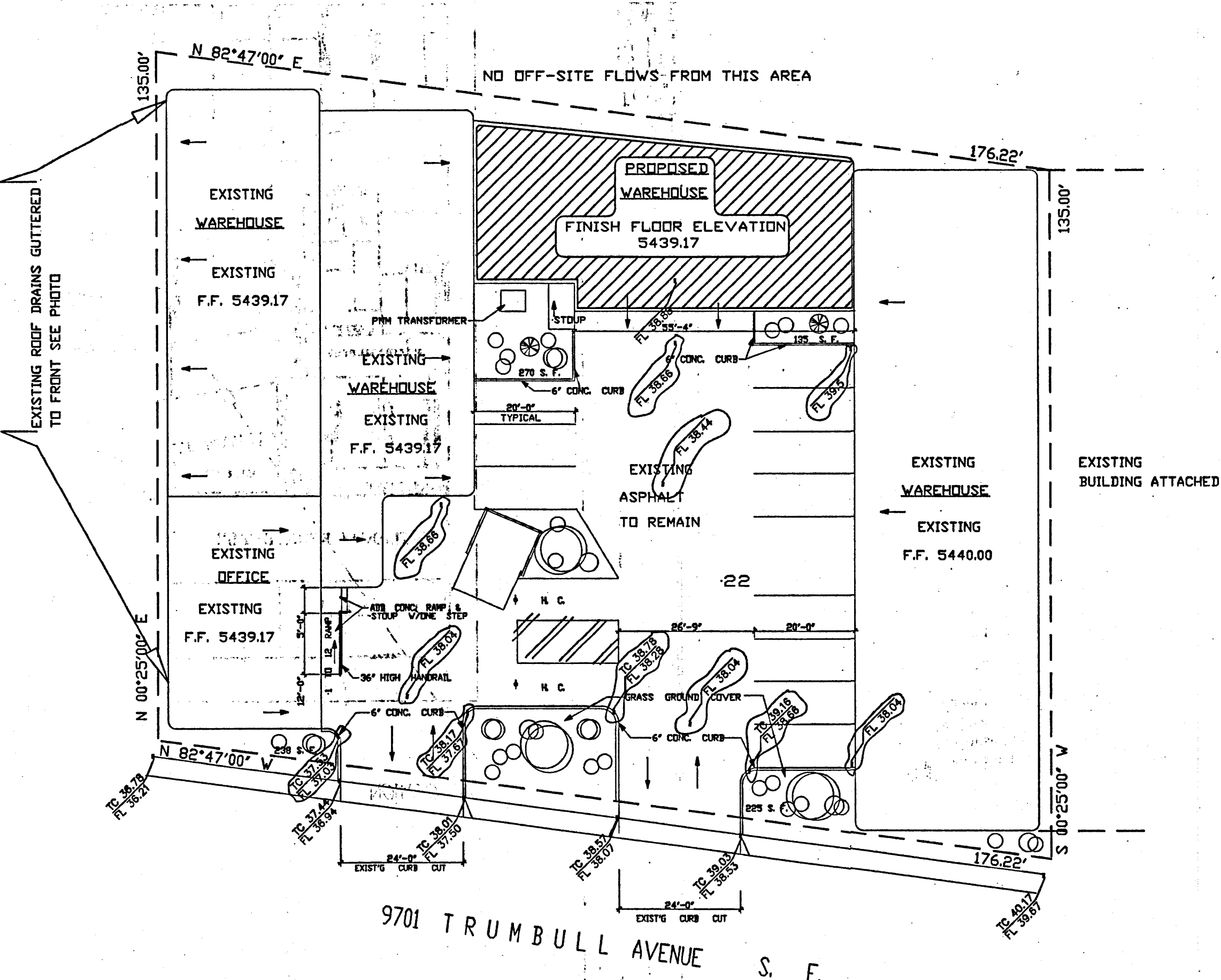
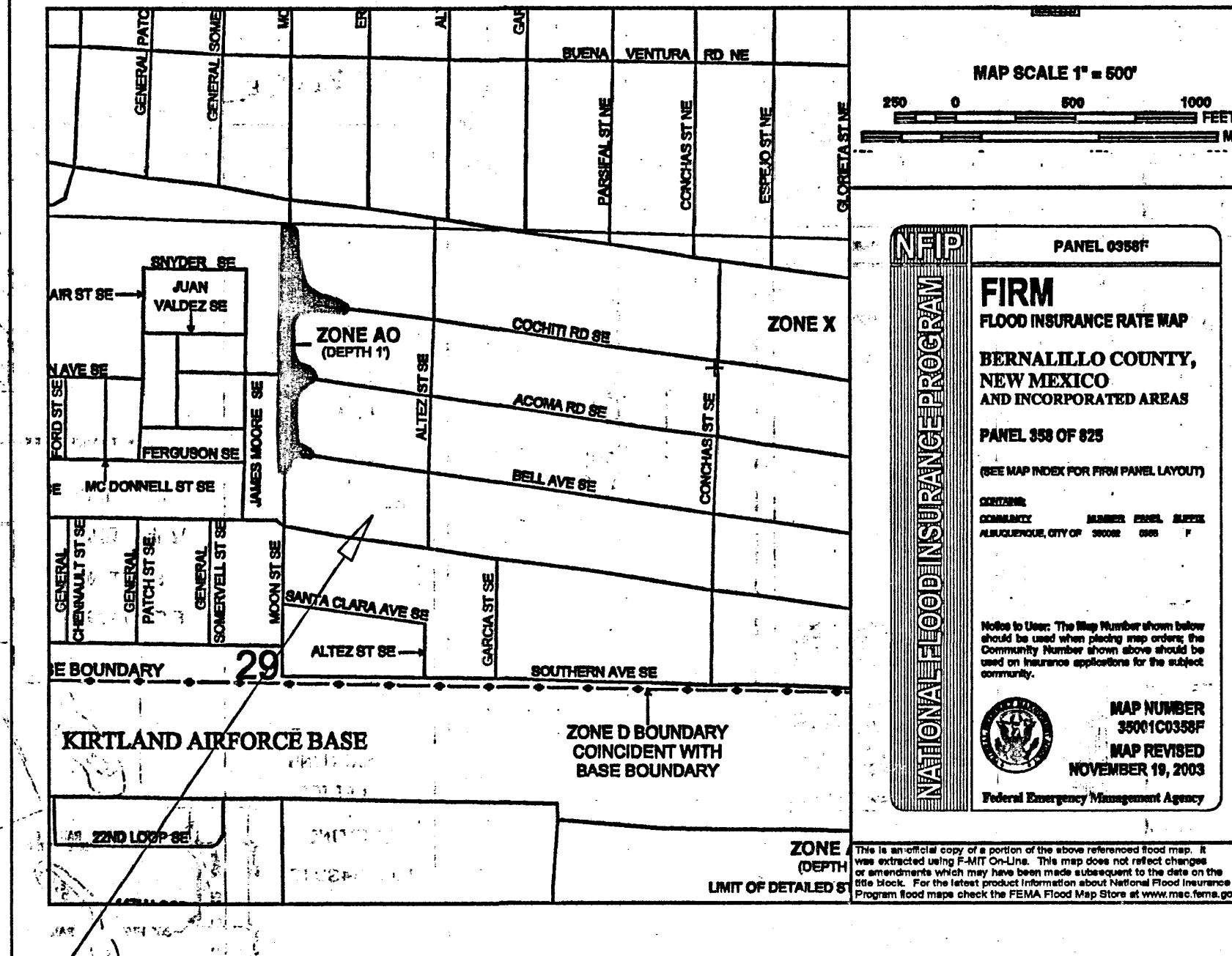
WAREHOUSE ADDITION
9701 TRUMBULL AVE. S.E.
ALBUQUERQUE, NEW MEXICO

JOB TITLE

HYDROLOGY
SECTION



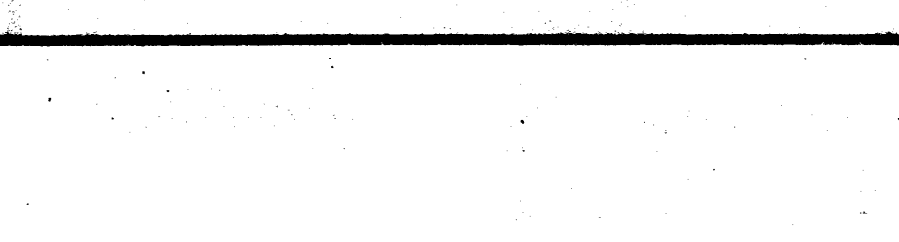
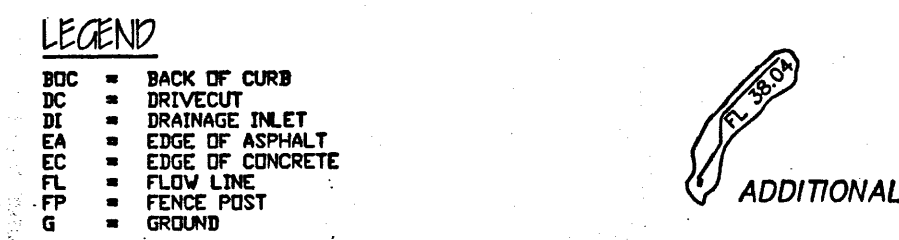
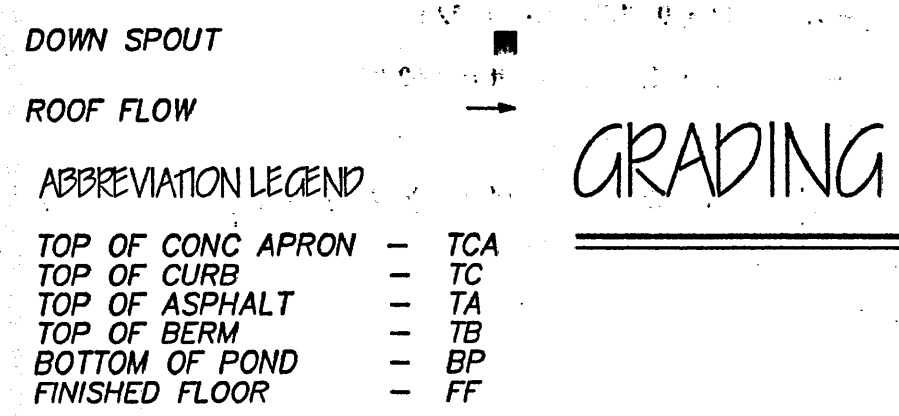
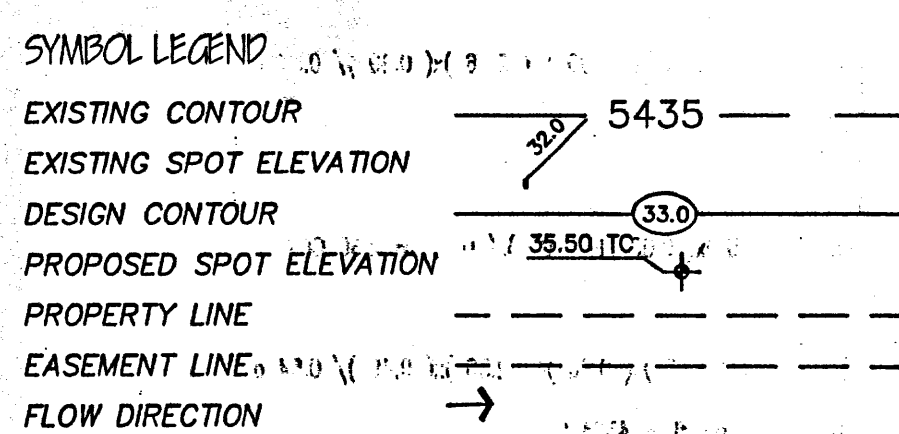
Zone Atlas Page
L-20-Z
Map Amended through April 03, 2004



NOTE
REPLAT IS UNDERWAY. ZONING WILL NOT ISSUE C.O. IF REPLAT IS NOT COMPLETED AND FILE PRIOR TO C.O. REQUEST.

EROSION CONTROL MEASURES

1. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT OF STORM RUN-OFF DURING CONSTRUCTION. HE SHALL ASSURE THAT THE FOLLOWING MEASURES ARE:
 - A) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY TEMPORARY BERMS, DIKES, SWALES, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUN-OFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTY.
 - B) ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUN-OFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREETS.
2. THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY OR ALL SEDIMENT WITHIN THE PUBLIC STREETS THAT HAVE BEEN ERODED FROM THE SITE AND DEPOSITED THERE.



GRADING & DRAINAGE PLAN

Scale 1"=20'-0"

RECEIVED

MAR 6 2008

HYDROLOGY
SECTION

NOTE TO CONTRACTOR:

1. An excavation/construction permit will be required before beginning any work within the City right-of-way. Approved copy of this plan must be submitted at the time of application for permit.
2. All work detailed in this plan to be performed, except as otherwise stated or provided herein, shall be constructed in accordance with City of Albuquerque Standard Specification for Public Works Construction, 1986 Edition of the Manual through update 7, Amendment 1.
3. Two working days prior to any excavation, contractor must contact line locating Services (260-1990) for locating existing sub-surface utilities.
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all potential constructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay to the subject project.
5. Backfill compaction shall be according to commercial use or soils report(s) recommendations.
6. All work on this project shall be performed in accordance with applicable Federal, State and local laws, rules and regulations concerning construction safety and health.
7. Maintenance of this facilities shall be the responsibility of the owner of the property it serves

LEGAL DESCRIPTION

LOT A & B, BLOCK 23
SKYLINE HEIGHTS
BERNALILLO COUNTY, ALBUQUERQUE
NEW MEXICO.

BENCHMARK

ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE STATION No. "5-K20", 5429.995

LOCATED AT THE INTERSECTION OF CENTRAL N.E. AND MOON AVENUE N.E. AT THE NORTHEAST QUADRANT

T.B.M.

FINISH FLOOR OF EXISTING WEST WAREHOUSE
FINISH FLOOR 5439.17

GRADING/DRAINAGE PLAN

THE FOLLOWING ITEMS CONCERNING (9701 TRUMBULL AVENUE N.E.) LOTS A & B, BLOCK 23, SKYLINE HEIGHTS, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO ARE CONTAINED HEREON:

EXISTING CONDITIONS

AS SHOWN BY THE MONY MAP, THE SITE CONTAINS 0.541 ACRES MORE OR LESS. THE SITE IS LOCATED BETWEEN MOON STREET & ALTEZ STREET ON THE NORTH SIDE OF TRUMBULL AVE. N.E. THE SITE IN ITS NATURAL STATE HAS TWO LARGE OFFICE/WAREHOUSE BUILDINGS ALONG WITH PAVED PARKING. THE TERRAIN SLOPES FROM NORTH TO SOUTH TOWARD TRUMBULL AVENUE N.E. ACCORDING TO THE FLOOD INSURANCE RATE MAPS, PANEL 0350F, REVISED NOVEMBER 19, 2003, THIS SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE. THE SITE IS AN IDEAL SITE WITH EXISTING DEVELOPMENT ALL AROUND.

PROPOSED CONDITIONS

AS SHOWN BY THE GRADING/DRAINAGE PLAN, THE PROJECT WILL CONSIST OF A PROPOSED WAREHOUSE ADDITION (2415 SQ. FT.) WHICH WILL BE CONSTRUCTED OVER EXISTING ASPHALT. THE PROPOSED ROOF AREA WILL DRAIN TO THE SOUTH AND ONTO THE EXISTING ASPHALT PAVING AND EVENTUALLY OUT INTO TRUMBULL AVENUE N.E. THE CALCULATIONS CONTAINED HEREON, ANALYZE BOTH THE EXISTING AND DEVELOPED CONDITIONS FOR THE 100-YEAR, SIX HOUR RAINFALL EVENT. THE PROCEDURE FOR 40-ACRES AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME II, DESIGN CRITERIA DATED 1997, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME GENERATED.

PROJECT AREA = 0.541 ac.
WAREHOUSE ADDITION 9701 TRUMBULL AVE. N.E.
ZONE 3
PRECIPITATION: 360 = 2.60 in.
1440 = 3.1 in.
10day = 4.9 in.

TREATMENT	AREA	PEAK DISCHARGE
TREATMENT A	0.66 in.	1.87 cfs/ac.
TREATMENT B	0.92 in.	2.6 cfs/ac.
TREATMENT C	1.29 in.	3.45 cfs/ac.
TREATMENT D	2.36 in.	5.02 cfs/ac.

TREATMENT	AREA	PROPOSED CONDITIONS
TREATMENT A	0.66 ac.	0.66 ac.
TREATMENT B	0.92 ac.	0.92 ac.
TREATMENT C	1.29 ac.	1.29 ac.
TREATMENT D	2.36 ac.	2.36 ac.

EXISTING EXCESS PRECIPITATION:

$$\text{Weighted } E = (0.66 \times 0.00) + (0.92 \times 0.05) + (1.29 \times 0.00) + (2.36 \times 0.49) / 0.54 \text{ ac.} = 2.23 \text{ in.}$$

$$V_{100-360} = (2.23 \times 0.54) / 12 = 0.100637 \text{ ac-ft} = 4384 \text{ CF}$$

EXISTING PEAK DISCHARGE:

$$Q_{100} = (1.87 \times 0.00) + (2.60 \times 0.05) + (3.45 \times 0.00) + (5.02 \times 0.49) = 2.60 \text{ CFS}$$

PROPOSED EXCESS PRECIPITATION:

$$\text{Weighted } E = (0.66 \times 0.00) + (0.92 \times 0.05) + (1.29 \times 0.00) + (2.36 \times 0.49) / 0.54 \text{ ac.} = 2.23 \text{ in.}$$

$$V_{100-360} = (2.23 \times 0.54) / 12.0 = 0.100637 \text{ ac-ft} = 4384 \text{ CF}$$

$$V_{100-1440} = (0.10 \times 0.49 \times 3.10 - 2.60) / 12 = 0.121178 \text{ ac-ft} = 5279 \text{ CF}$$

$$V_{100-10day} = (0.10 \times 0.49 \times 4.90 - 2.60) / 12 = 0.195128 \text{ ac-ft} = 8500 \text{ CF}$$

PROPOSED PEAK DISCHARGE:

$$Q_{100} = (1.87 \times 0.00) + (2.60 \times 0.05) + (3.45 \times 0.00) + (5.02 \times 0.49) = 2.60 \text{ CFS}$$

NO INCREASE OR DECREASE



JOB NO:	XXXXX
DATE:	JANUARY 2008
REVISIONS	
	2/28/2008

Sheet Title
GRADING/ DRAINAGE PLAN
Drawn By: B.M.
Checked By: ES

WAREHOUSE ADDITION
9701 TRUMBULL AVENUE S.E.
ALBUQUERQUE, NEW MEXICO

Job Title
WAREHOUSE ADDITION
9701 TRUMBULL AVENUE S.E.
ALBUQUERQUE, NEW MEXICO

SHEET NO.
GD