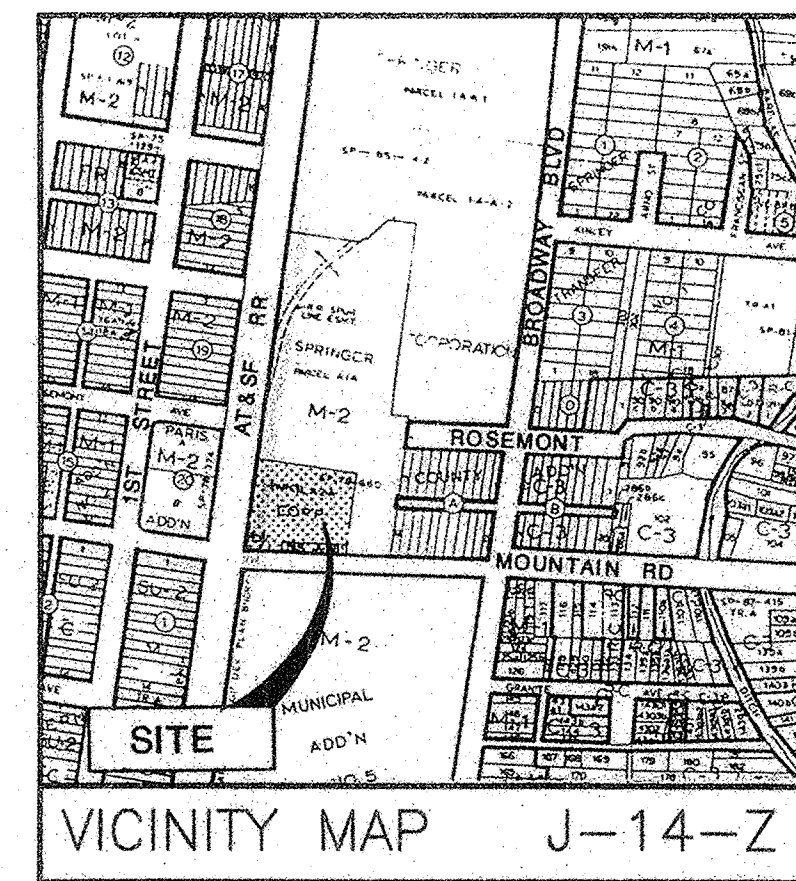
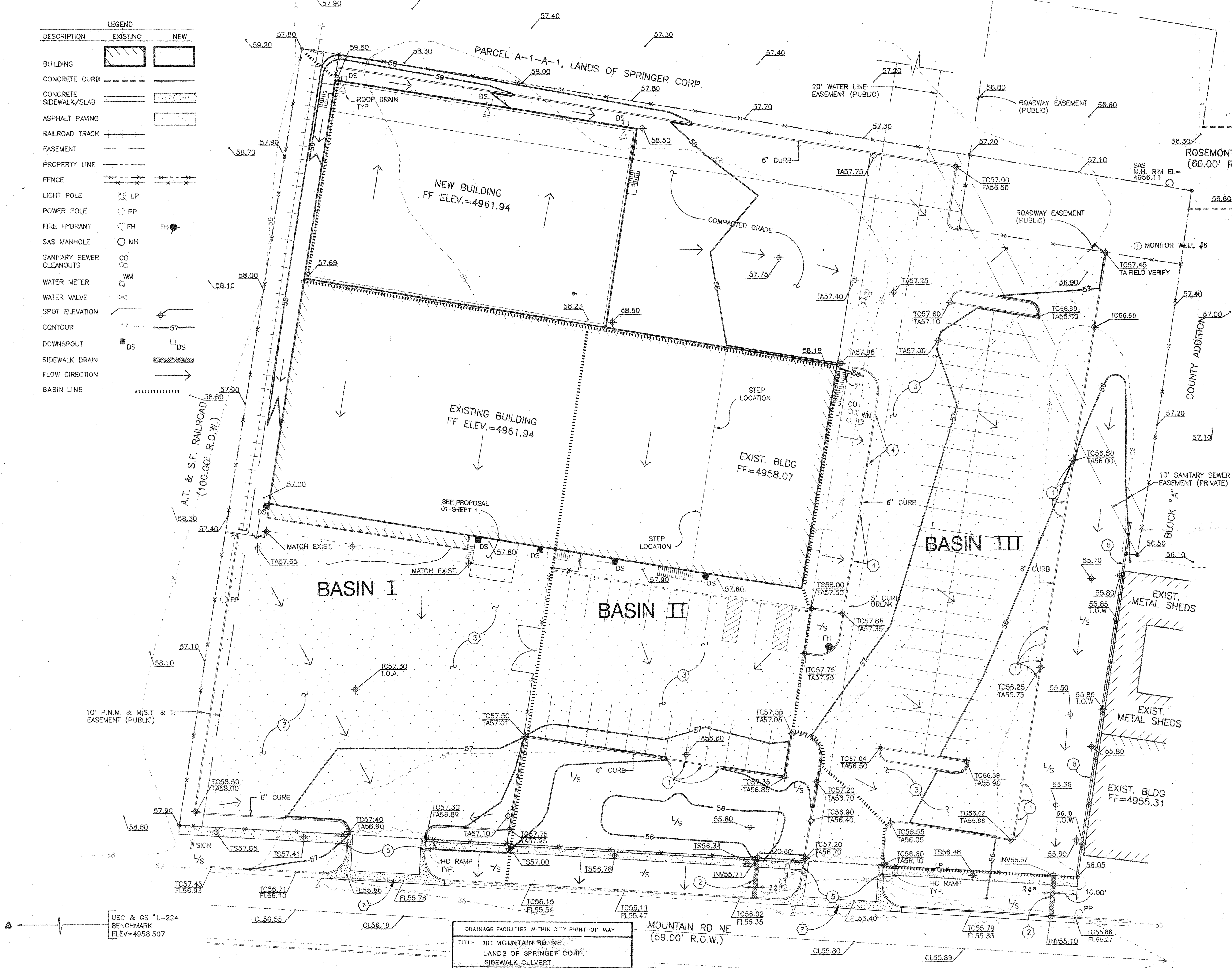


LEGEND		
DESCRIPTION	EXISTING	NEW
BUILDING		
CONCRETE CURB		
CONCRETE SIDEWALK/SLAB		
ASPHALT PAVING		
RAILROAD TRACK		
EASEMENT		
PROPERTY LINE		
FENCE		
LIGHT POLE	LP	LP
POWER POLE	PP	PP
FIRE HYDRANT	FH	FH
SAS MANHOLE	MH	MH
SANITARY SEWER CLEANOUTS	CO	CO
WATER METER	WM	WM
WATER VALVE	WV	WV
SPOT ELEVATION	57	57
CONTOUR	57	57
DOWNSPOUT	DS	DS
SIDEWALK DRAIN		
FLOW DIRECTION		
BASIN LINE		



LEGAL DESCRIPTION
 PARCEL A-2-A-1 AS SHOWN AND DESIGNATED ON THE PLAT OF PARCELS A-1-A-1 AND A-2-A-1, LANDS OF SPRINGER CORP. BENCHMARK IS A STANDARD USC & GS BRASS TABLE LABELED "L-224 RESE" LOCATED ON MOUNTAIN ROAD AT THE CROSSING OF AT&SF RR IN THE SOUTH WEST QUADRANT. ELEV=4958.507. SEE PLAN FOR LOCATION.
 TEMPORARY BENCHMARK SAME AS USC&GS BENCHMARK.

SURVEY
 SURVEY DATA PROVIDED BY SOUTHWEST SURVEYING CO., INC. ALBUQUERQUE, NM. 10-17-1991.

- KEYED NOTES**
- PROVIDE 4-1' WIDE CURB CUTS @ 8' O.C.
 - CONSTRUCT 2 SIDEWALK CULVERT IN ACCORDANCE WITH C.O.A. STD. DWG# 2236. CONSTRUCT NEW FACE OF CURB TO MATCH NEW SIDEWALK CULVERT OPENING
 - NEW 3" THICK ASPHALT PAVING SEE SECTION 1/C102 THIS SHEET
 - PROVIDE 2-1' WIDE CURB CUTS W/2' CURB CUT SECTION BETWEEN PER R. MORAGA 6/8/92
 - FIELD VERIFY ELEVATION FOR CURB CUTS @ H.C. RAMP
 - 6" WIDE X 24" CONCRETE CURB WITH #4 VERT. @ 16" O.C AND #4 HORIZ. @ 12" O.C.
 - INSTALL NEW VALLEY GUTTER & CURB PER C.O.A. STD. DWG.#2426.

ABBREVIATED NOTES

CENTER LINE	CL	TOP OF ASPHALT	TA
FINISHED FLOOR	FF	TOP OF CURB	TC
FLOW LINE	FL	TOP OF SIDEWALK	TS
INVERT	INV.	TOP OF WALL	T.O.W.
LANDSCAPE	L/S		

PRESBYTERIAN WAREHOUSE ADDITION
DESIGN NARRATIVE
 This plan describes surface and storm drainage improvements necessitated by the building addition to the existing warehouse site located at 101 Mountain Rd. N.E., Albuquerque, New Mexico. The existing site drainage discharges freely into street facilities on Mountain Rd. These flows are directed toward Broadway Rd. N.E. This site is not in a flood zone.
 Developed flows generated due to the new construction on this site are a small percentage of the capacity of the downstream drainage facilities. Since the peak flows generated in this site will enter the system prior to peak flows generated by the entire drainage basin, free discharge of developed flows will not significantly affect system capacity.
 Flows generated on this site will be retained in small ponds and discharged through controlled outlets into street facilities on Mountain Rd. This runoff then enters storm drain facilities in Broadway through two Type "C" drop inlets on the west curb of Broadway at Mountain Road.

PRESBYTERIAN WAREHOUSE ADDITION
DRAINAGE CALCULATIONS

PRECIPITATION - ZONE 2:
DESIGN STORM: $P_{360} = 2.35$ inches for 100-yr. storm

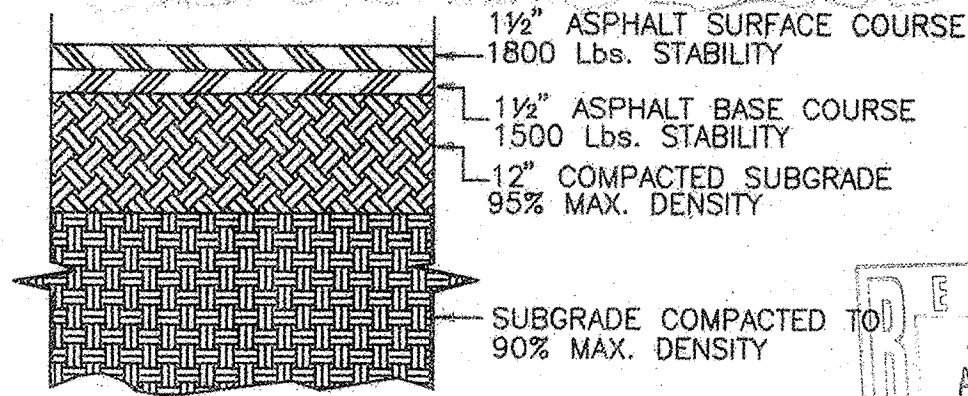
LAND TREATMENT AREAS - TOTAL SITE		
TYPE	EXISTING	PROPOSED
A	1.271 AC	N/A
B	0.146 AC	0.698 AC
C	N/A	0.2169 AC
D	1.633 AC	2.1453 AC
	3.05 AC	3.05 AC

EXCESS PRECIPITATION:
 E (Weighted) 1.39 in. 1.676 in.

VOLUME:
 AC-FT, V_{360} 0.354 AC.-FT. 0.426 AC.-FT.
 or 15,426 CF or 18,558 CF

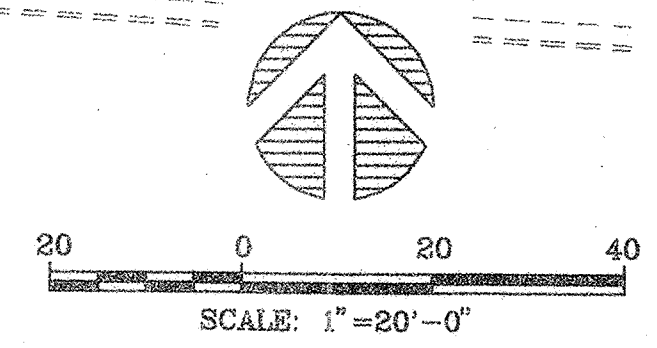
PEAK DISCHARGE:
 (cfs), Q_{360} , 100-yr. 9.975 cfs 12.313 cfs
 BASIN I 6.14 cfs
 BASIN II 2.593 cfs
 BASIN III 3.58 cfs

SIDEWALK CULVERT CAPACITY: 8.22 cfs EAST
 3.34 cfs WEST



DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY	
TITLE 101 MOUNTAIN RD. NE LANDS OF SPRINGER CORP. SIDEWALK CULVERT	
PERMIT NO.	MAP NO. J-14-Z
DESIGN APPROVAL:	Hydrology Section Date
INSPECTION APPROVAL:	Construction Section Date
ACCEPTANCE:	Construction Section/Permits Date

C102 GRADING AND DRAINAGE PLAN
 1"=20'-0"



1 C102 PAVING SECTION N.T.S.

DATE 6/19/92 DRAWN ARB/HC
 3/19/92
 CHECKED M.J.W.
 ARCHITECTS STEVENS MALLORY PEARL & CAMPBELL, P.A.
 115 ANNEST S.E. ALBUQUERQUE, NEW MEXICO 87106
 PRESBYTERIAN WAREHOUSE ADDITION
 101 MOUNTAIN RD., NE
 ALBUQUERQUE, NEW MEXICO 87106
 AUG 26 1992
 HYDROLOGY DIVISION
 C102
 REV. 3/11/92
 REV. 8/25/92