

LEGEND		
DESCRIPTION	EXISTING	NEW
BUILDING		
CONCRETE CURB		
CONCRETE SIDEWALK/SLAB		
ASPHALT PAVING		
RAILROAD TRACK		
EASEMENT		
PROPERTY LINE		
FENCE		
LIGHT POLE		
POWER POLE		
FIRE HYDRANT		
SAS MANHOLE		
SANITARY SEWER CLEANOUTS		
WATER METER		
WATER VALVE		
SPOT ELEVATION		
CONTOUR		
DOWNSPOUT		
SIDEWALK DRAIN		
FLOW DIRECTION		
Basin Line		

FILE NO. C102.DWG 1=20 30x42

A

USC & GS "L-224
BENCHMARK
ELEV=4958.507

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 <i>Bruce Montoya</i> 3/15/12 Hydrology Section Date	
INSPECTION APPROVAL <i>Don Wang</i> 7-16-92 Construction Section Date	
ACCEPTANCE: <i>MHLK</i> 8/15/12	

C102

GRADING AND DRAINAGE PLAN

20 0 20 40

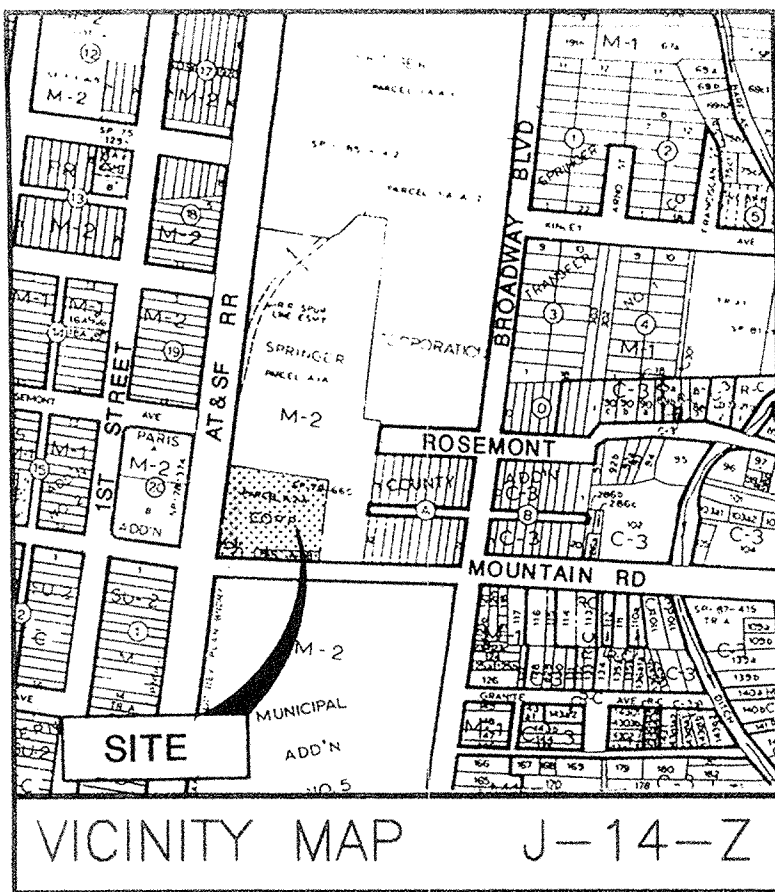
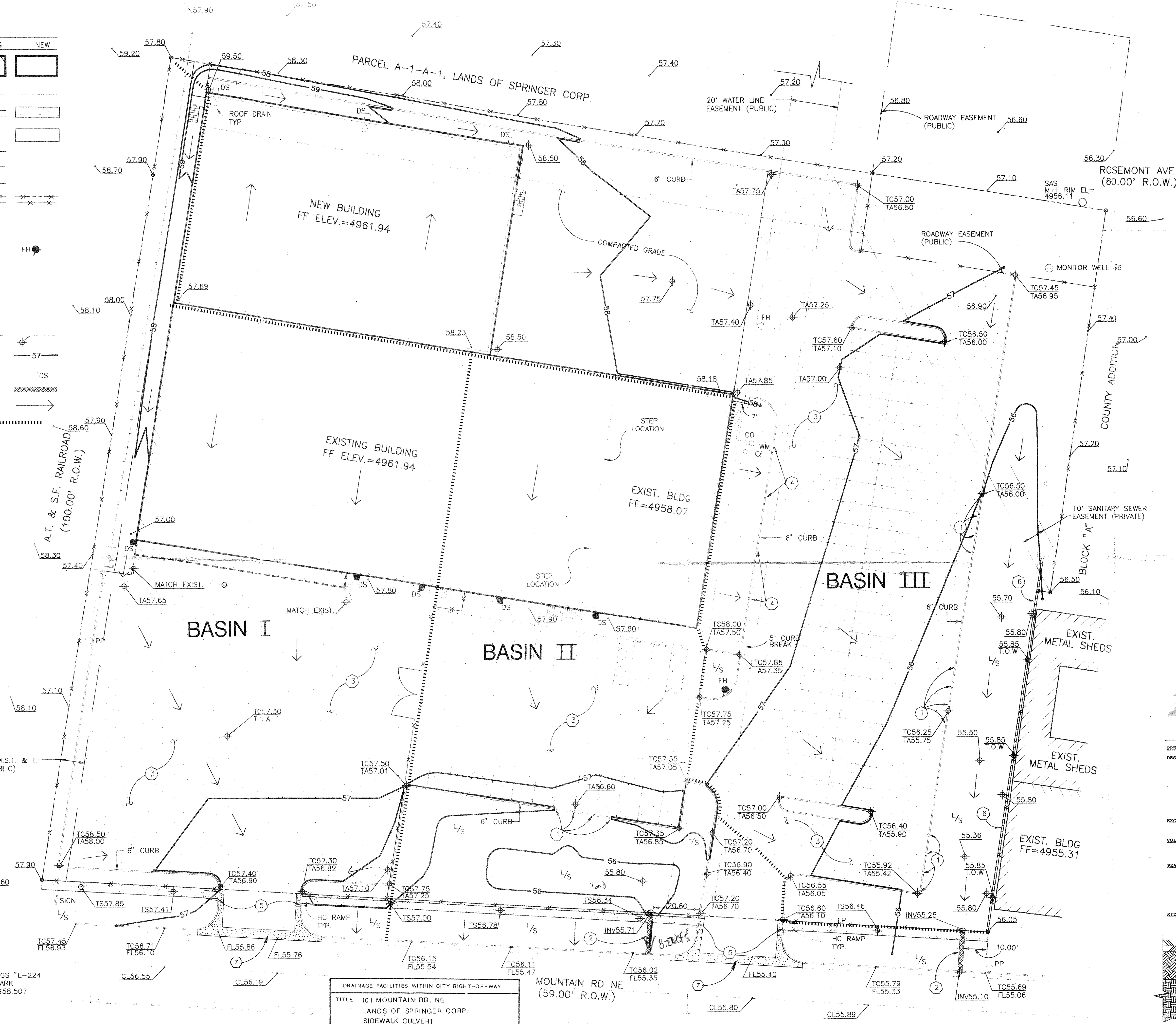
1
C102

PAVING SECTION

J14/D68A

MAR 12 1992

91066



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
BENCHMARK IS A STANDARD USC & GS BRASS TABLET LABELED "L-224 RESET" 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 24" 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
 - 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. The runoff when 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: P₃₆₀ = 2.35 inches for 100-yr. storm

LAND TREATMENT AREAS - TOTAL SITE		
	EXISTING	PROPOSED
TYPE A	1.271 AC	N/A
B	0.146 AC	0.688 AC
C	N/A	0.2169 AC
D	2.633 AC	2.1551 AC
	3.05 AC	3.05 AC

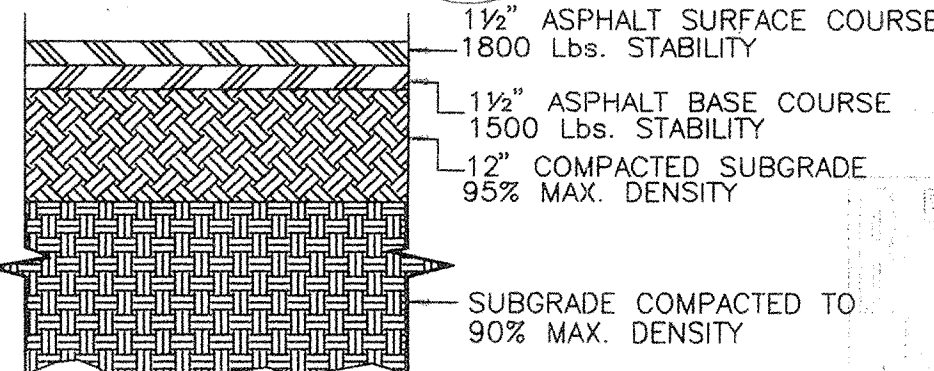
EXCESS PRECIPITATION:
S (Weighted) 1.39 in. 1.676 in.

VOLUME:
AC-FT, V₃₆₀ 0.354 AC.-FT. 0.426 AC.-FT.
or 15,426 CF or 18,558 CF

PEAK DISCHARGE:
(cfs), Q₆₀, 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



STEVEN S. MALLORY PEARL & CAMPBELL, P.A.
ARCHITECTS 115 ANHERST S.E. ALBUQUERQUE, NEW MEXICO 87108

CHECKED

M.W.

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97

3/92

DRAWN

ARG / R/C

DATE 7/97