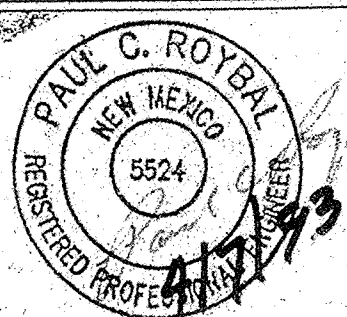


SCALE: 1"=20'

ENGINEERS CERTIFICATION



I HEREBY CERTIFY THAT THE FINAL CONSTRUCTION IS IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN. AS NOTED ON THE PLAN THE FINISH SLAB ELEVATIONS OVER THE TANKS AND THE PUMP ISLANDS WERE RAISED DURING CONSTRUCTION RESULTING IN IMPROVED DRAINAGE.

FIFTH STREET

EXISTING BUILDING

5620 S.F.
(ROOF)

5620 S.F.
(ROOF)

EXISTING BUILDING
ELEV 4961.1

EXISTING BUILDING
ELEV 4961.2

EXISTING BUILDING
ELEV 4960.5

CL FOURTH STREET

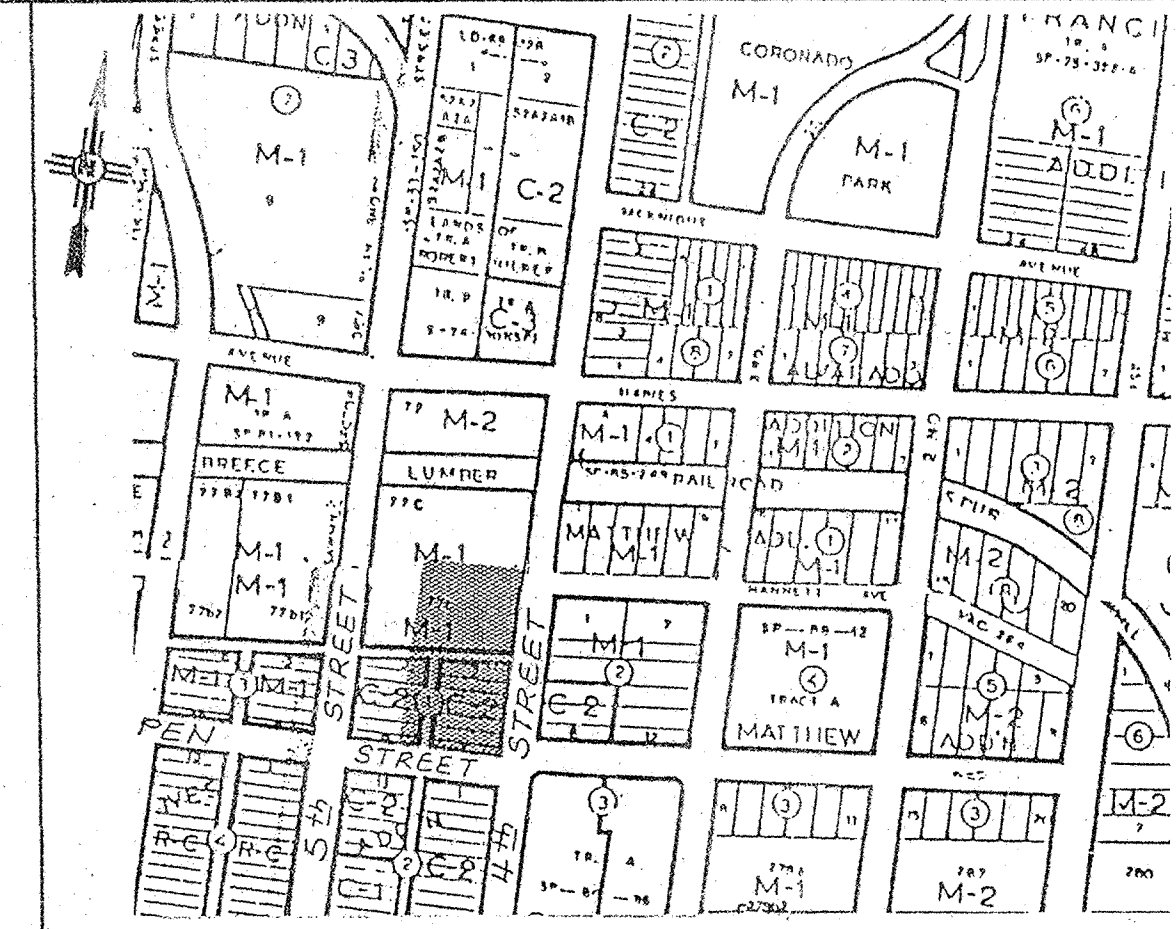
CL ASPEN STREET

LEGEND

- X EXISTING ELEVATION
- NEW ELEVATION
- FLOW DIRECTION
- DRAINAGE AREA BOUNDARY
- ☁ AS BUILT ELEVATIONS

EXISTING CATCH BASIN
CIP MAP-2351(900)
FL=4959.6 (SEE NOTE A)
MATCH EXISTING FL
EXISTING SIDEWALK CULVERT
CIP MAP-2351(900)
BUILD DRAINAGE OPENING
IN MASONRY WALL

NOTE A. EXISTING ELEVATIONS
SHOWN ON 4 TH STREET WERE
COMPUTED USING THE DESIGN
DRAWINGS FOR PROJECT
CIP MAP-2351(900)



VICINITY MAP H-14;J-14

LEGAL DESCRIPTION
Tract 77c and All of Blk 1 Ives Addition

NOTES

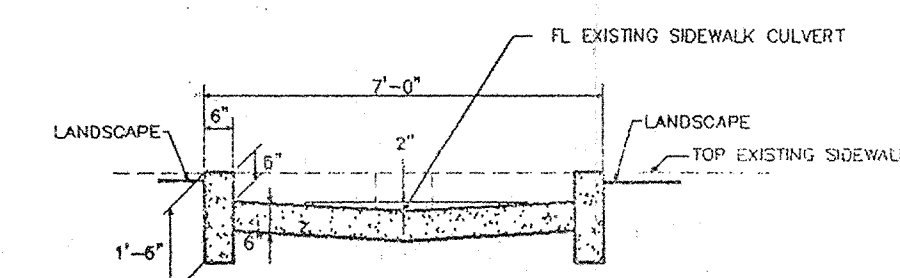
- Existing Conditions:
 - Previous underground storage tanks have been removed.
 - Building has been gutted in preparation for this renovation project.
 - A new driveway, 2 new catch basins and a 12" sidewalk culvert have recently been constructed on the street under Project Map-2351 (900).
- Existing Drainage:
 - Site drains to Aspen and/or 4th Street through existing driveways or over the sidewalks. A small portion of this site on the West side drains to 5th Street. Existing site is paved with various combinations of Asphalt and/or concrete pavement. There are no off-site flows through the site.
 - Areas draining toward 5th Street are shown for clarity. No topo survey was taken there since there will be no change to that site.
- Scope of Project:
 - Renovated existing Fueling Station Building.
 - Install new double wall underground steel storage tanks.
 - Resurface portions of existing parking lot. The paved areas in the vicinity of the new underground storage tanks and the new dispenser islands are being slightly elevated to improve drainage and reduce ponding.
- Conclusions:

Existing drainage patterns are being maintained as near to the existing condition as possible. Most of the surface runoff will leave the site through the driveways or the sidewalk culvert at the Northeast corner of the site. Excess flows will spill over the sidewalk as before. Site runoff will be moderately reduced by the construction of several new landscape areas (approximately 15% of project site).

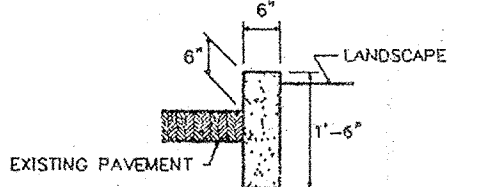
Drainage conditions along 4th Street have been greatly improved as a result of the storm drain system that was recently (1991) constructed as part of the street reconstruction.

UNDEVELOPED				DEVELOPED			
AREA	C	Q	VOLUME C.F.	AREA	C	Q	VOLUME C.F.
A	.95	0.22	662	A	.90	0.21	616
B	.94	0.58	1722	B	.85	0.52	1486
C	.95	0.31	916	C	.82	0.27	740
D	.95	0.68	1996	D	.89	0.63	1830
E	.93	1.08	3262	E	.84	0.98	2882
F	.95	0.37	1100	F	.95	0.37	1100

Q = C/A
VOLUME = $\frac{1}{12} \cdot A \cdot C$



SECTION C



SECTION A

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: FOURTH STREET FUELING FACILITY DRAINAGE PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Choir					
Trans. Dev.					
Utility Dev.					
PROJECT NO.	4309.90	MAP NO.	H14,J14	SHEET	D2 OF 25