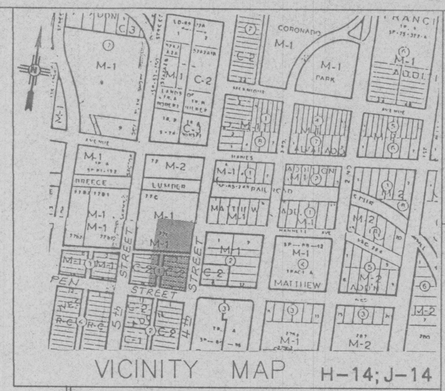
LEGEND

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

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

1. Existing Conditions:
   a) Previous underground storage tanks have been removed.
   b) Building has been gutted in preparation for this renovation project.
   c) A new driveway, 2 new catch basins and a 12" sidewalk culvert have recently been constructed on the street under Project Map-2351 (900).
2. Existing Drainage:
   a) 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.
   b) Areas draining toward 5th Street are shown for clarity. No topo survey was taken there since there will be no change to that site.
3. Scope of Project:
   a) Renovated existing Fueling Station Building.
   b) Install new double wall underground steel storage tanks.
   c) 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.
4. 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

$Q = CIA$

$VOLUME = \frac{1.7}{12} \cdot A$

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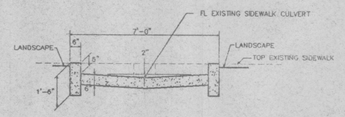
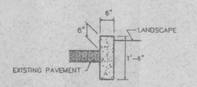


SECTION C



SECTION A

ENGINEERS CERTIFICATION

PAUL C. ROYBAL NEW MEXICO 5624 REGISTERED PROFESSIONAL ENGINEER 4/7/93

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.

AS BUILT INFROMATION

CONTRACTOR — DATE
STAKED BY — DATE
INSPECTORS — DATE
PLANS CORRECTED BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

BENCH MARK "2-H14" SQUARE CHISLED ON TOP OF CURB AT NORTH-EAST CURB RETURN AT THE INTERSECTION OF 4 TH. STREET AND HAINES AVE. N.W. ELEV. 4960.29

TEMPORARY BENCH MARK R.R. SPIKE IN P.P. AT WEST NORTH-WEST CURB RETURN AT THE INTERSECTION OF 4 TH. STREET AND ASPEN STREET N.W.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

PAUL C. ROYBAL NEW MEXICO 5624 REGISTERED PROFESSIONAL ENGINEER 4/8/92

NO.	DATE	REMARKS	BY
1	11/11/92	Raise Pump Island 1.00'	LEE

REVISIONS

DESIGN

DESIGNED BY: LEE BELL — DATE: FEB. 1992
DRAWN BY: LEE BELL — DATE: FEB. 1992
CHECKED BY: P. ROYBAL — DATE: FEB. 1992

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET FUELING FACILITY DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair					
Trans. Dev.					
Utility Dev.					

PROJECT NO. 4309.90 | MAP NO. H14,J14 | SHEET D2 OF 25

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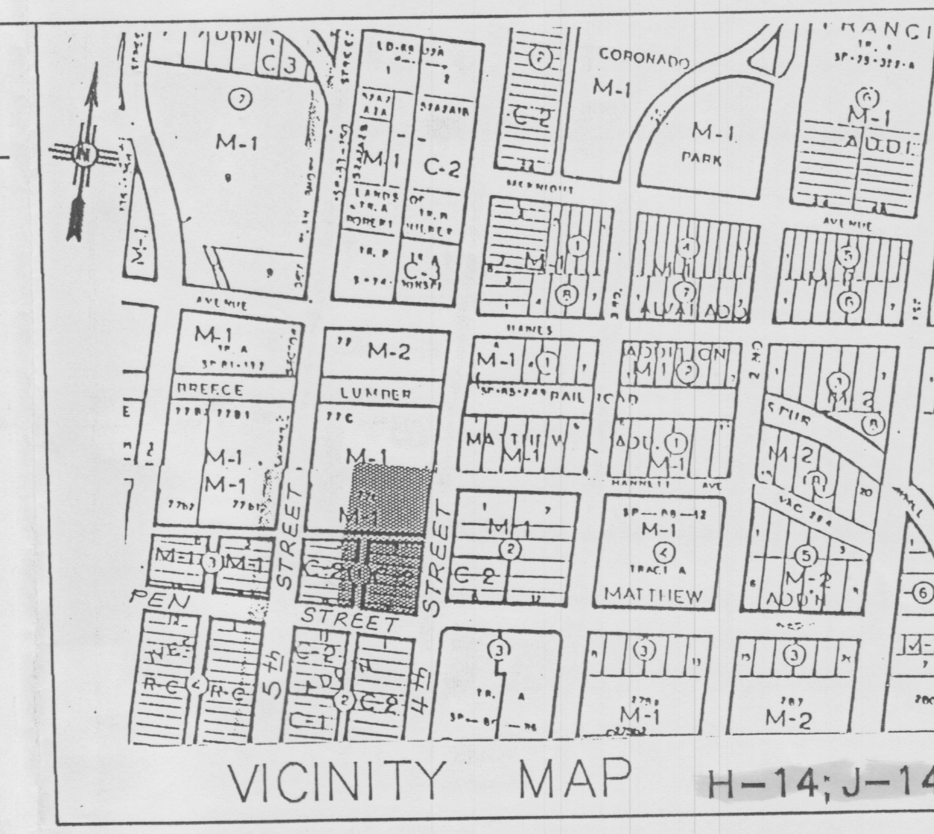

DWG: M:\CAD\2486.03\M:DRAINAG TIME: 04-08-92 11:16:06

SCALE: 1"=20'

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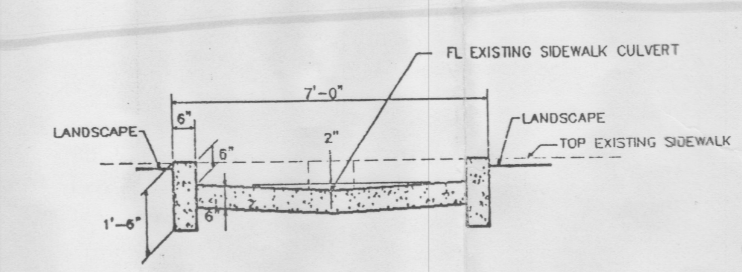
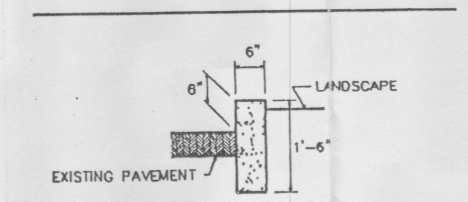


SECTION C



SECTION A

RECEIVED APR 9 1992 HYDROLOGY DIVISION

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET FUELING FACILITY DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair					
Trans. Dev.					
Utility Dev.					

DRAWING NO. 4309.90 | MAP NO. H14,J14 | SHEET OF

AS BUILT INFORMATION

CONTRACTOR; WORK STATED BY / DATE; INSPECTOR'S ACCEPTANCE BY / DATE; FIELD VERIFICATION BY / DATE; DRAWINGS CORRECTED BY / DATE

MICRO-FILM INFORMATION

RECORDED BY / DATE; NO.

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

PAUL C. ROYBAL NEW MEXICO 5521 REGISTERED PROFESSIONAL ENGINEER 4/8/92

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY: LEE BELL DATE: FEB. 1992

DRAWN BY: LEE BELL DATE: FEB. 1992

CHECKED BY: P. ROYBAL DATE: FEB. 1992