HYDROLOGY E17/D1s SOUTHWESTERN BALLOON ADVENTURES

E17/D48

SOUTHWESTERN

BALLOON ADVENTURES

1 PLAN

INFORMATION SHEET

PROJECT TITLE Southwestern Balloon Adventures & Imports, Ltd. TYPE OF SUBMITTAL Drainage Plan

ZONE ATLAS PAGE NO. E-17-D48 CITY ADDRESS 3815 Academy Parkway North

LEGAL DESCRIPTION Lot 11, Block A, Unit 1, Interstate Industrial Tract

ENGINEERING FIRM Universal Constructors, Inc. CONTACT Gilbert A. Luna
ADDRESS P.O. Box 6008, Station B Albuquerque, New Mexico 87197 PHONE 884-0400

RECEIVED
OCT 19 1983
ENGINEERING

OWNER March Land & Cattle Company CONTACT Doug March
ADDRESS 6905 Hensch, NE Albuquerque, New Mexico 87109 PHONE 821-7961

ARCHITECT Burk & Burk Architects CONTACT William E. Burk III
ADDRESS 11930 Menaul, NE Albuquerque, New Mexico 87112 PHONE 292-6566

SURVEYOR Universal Constructors, Inc. CONTACT Gilbert A. Luna
ADDRESS P.O. Box 6008, Station B Albuquerque, New Mexico 87197 PHONE 884-0400

CONTRACTOR Mike Laverty CONTACT same
ADDRESS P.O. Box 36 Angel Fire, New Mexico 87710 PHONE 377-2473

DATE SUBMITTED October 18, 1983

BY Gilbert A. Luna
Gilbert A. Luna, P.E.

Use this Information Sheet when submitting the following:

Drainage report or plan, conceptual grading and drainage plan, engineer's certification plan, erosion plan and grading plan. Provide the information applicable to your submittal.

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 28, 1983

Mr. Gilbert Luna
Universal Constructors, Inc.
P.O. Box 6008, Station B
Albuquerque, NM 87197

REF: GRADING AND DRAINAGE PLAN FOR SOUTHWESTERN BALLOON ADVENTURES AND IMPORTS, LTD. (E17-D48)

Dear Mr. Luna:

I have reviewed the above referenced plan, dated 10-17-83, and hereby grant approval. You may want to consider discharging into the Pino Arroyo instead of ponding. This alternative would have to be co-ordinated with AMAFCA.

This approved plan along with the approved "Construction Within Public R/W" document will have to be incorporated in the construction plans prior to final sign-off.

If I can be of further assistance, please contact me at 766-7644.

Yours truly,

Billy J. Goolsby P.E.

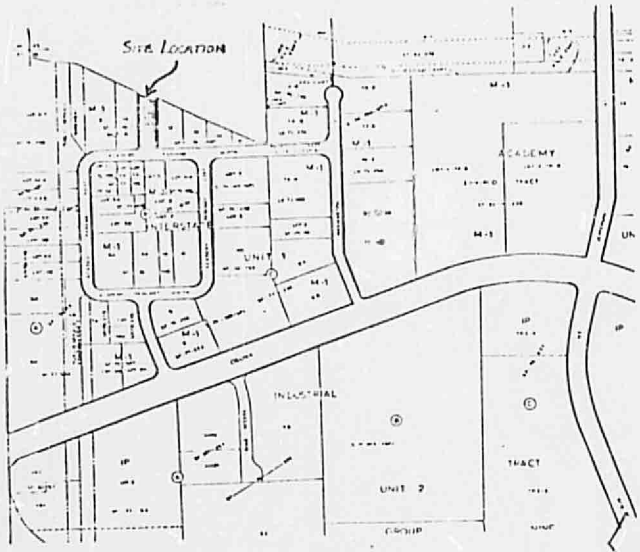
Billy J. Goolsby PE
Civil Engineer/Hydrology

BJG:mrk

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

E-17-Z
(Original)



E17-D48

Address: 3815 Academy Parkway North, NE

Legal Description: Block A, Unit I, Interstate Industrial Tract - Zone Atlas Map E-17

GILBERT A. LUNA
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with "Contract Documents for City-Wide Utilities and Cash Paving No. 31 "
3. Two working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to Arterial street use.

D-13

APPROVALS	NAME	DATE	TITLE: Drainage Plan For Southwestern Bakeries Advertisers & Imports, Ltd. 3815 Academy Parkway N.E.
A.C.E./DESIGN	GKelch	25 Jan 84	
INSPECTOR	BJ Wallace	2-6-84	SHEET 1 OF 3 — MAP

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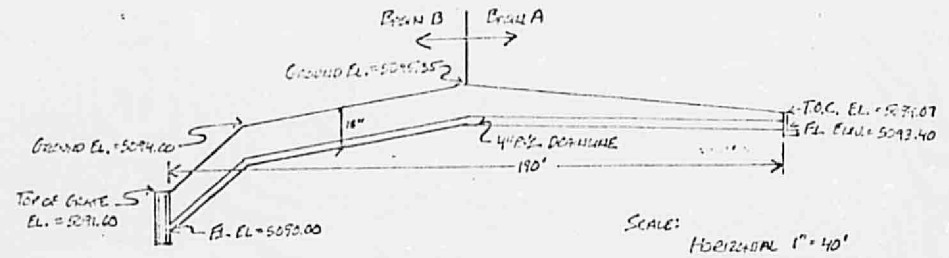
CITY OF ALBUQUERQUE

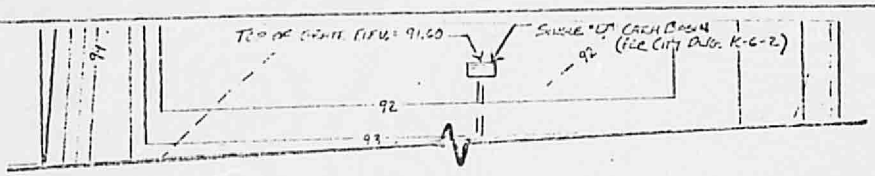
DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

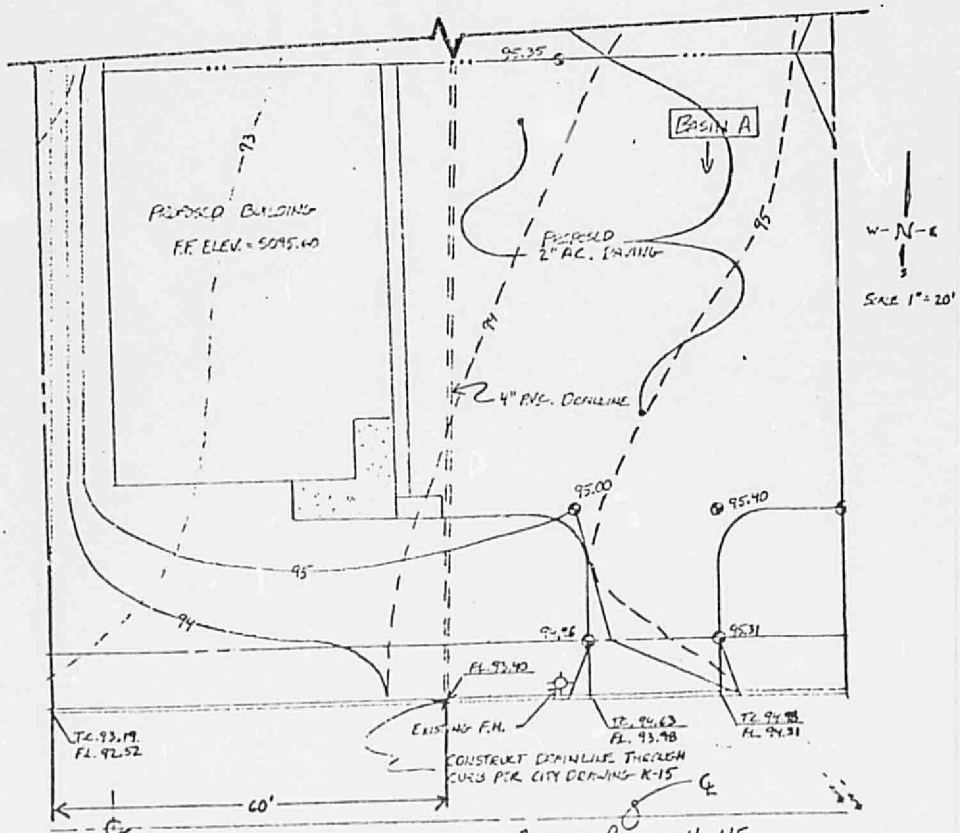
DRAINLINE PROFILE



SCALE:
HORIZONTAL 1" = 40'
VERTICAL 1" = 5'

NOTE: WATER TO BE PUMPED FROM BASIN TO STREET.





APPROVALS	NAME	DATE	TITLE: DRAINAGE PLAN FOR - SOUTHWESTERN BALLOON FIXTURES & INTERIORS, LTD.
A.C.E./DESIGN	[illegible]	25 Jan 84	
INSPECTOR			SUBMITTED: MAP

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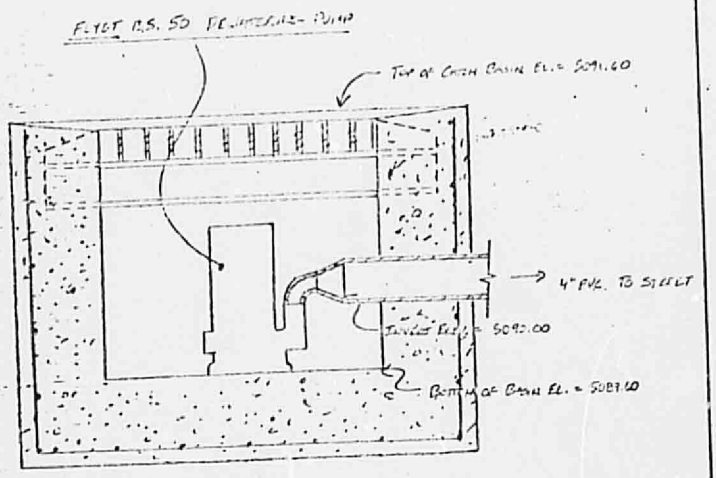
CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



SINGLE "D" CATCH BASIN PER CITY DRAWING K-6-2

Ponding Required = 4,797 + 4040 = 8837 CF
Ponding Provided = 11,215 CF @ Elev. 5093.00

Pump Data:
- Model - FLYGT BS 50 Dewatering
- Control - Automatic Float
- Rating - 0.5 Horsepower @ 3400 RPM
- Voltage - 115/230
- Discharge Size - 2"
- Flow - 70 GPM @ 9.8 Feet Head

Time Required To Drain Pond:
8837 CF @ 70 GPM = 15.74 Hours

APPROVALS	NAME	DATE	TITLE: DRAINAGE PLAN FOR SOUTHWESTERN BALLOON ADVENTURES & TURNER, LTD.
A.C.E./DESIGN	[illegible]	25 Jan 84	
INSPECTOR			MAP

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