HYDROLOGY F20/D5 2 PLANS

F20/D5

2 PLANS

CITY OF ALBUQUERQUE, NEW MEXICO
CITY ENGINEER'S OFFICE

MEMORANDUM - Nov. 5, 1980
(Date)

F 20

TO:
- [ ] Robert Fosnaugh, Traffic Engineer
- [ ] Water Resources Department-2 Copies
- [x] Bruno Conegliano, Assistant City Engineer-Hydrology
- [ ] Bill Kearney, Assistant City Engineer-Field
- [ ] Bob Kielich, Assistant City Engineer-Design/Design Engineer
- [ ] Monte Urban, Chief Surveyor/Grant Snyder
- [ ] George Paul, Street Maintenance Engineer
- [ ]
- [ ]

FROM: Q. R. Kielich, Assistant City Engineer-Design

SUBJECT: Storm Drainage Of Miano Gutierrez Lower Add.

Attached drawings are for WATER, SANITARY SEWER, STORM SEWER, PAVING, STREET GRADES, DRAINAGE, AND _____, for subject proposed project.

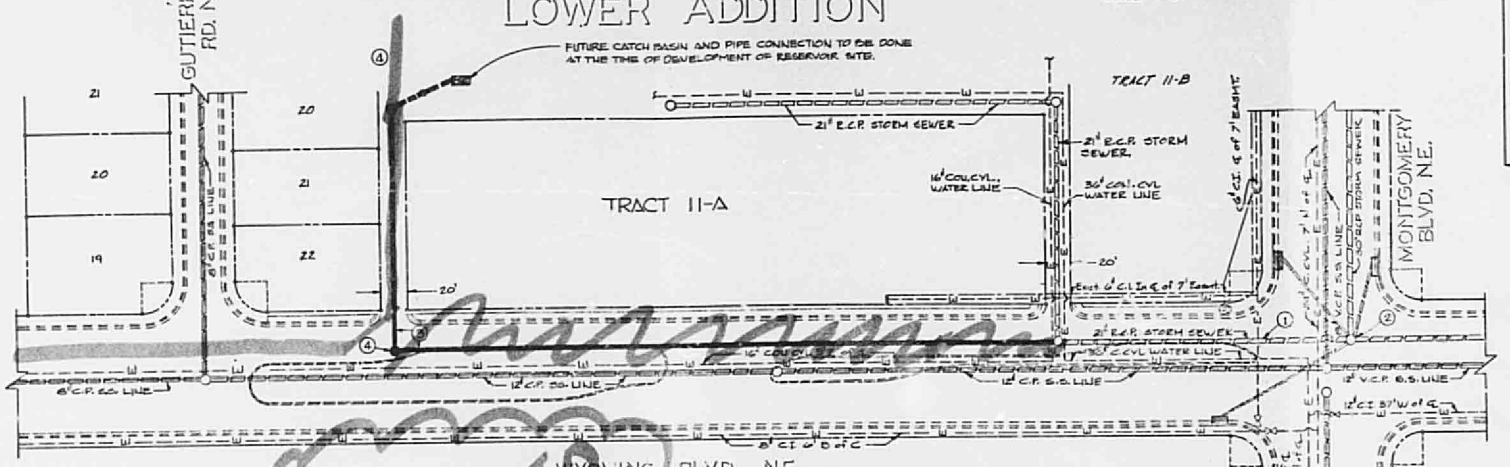
Request review and comments on attached drawings. Typed comments will be submitted to Celia, by 11/12/80.

QRK/tl

Attachments

OFIMIANO GUTIERREZ LOWER ADDITION

SCALE 1"=50'

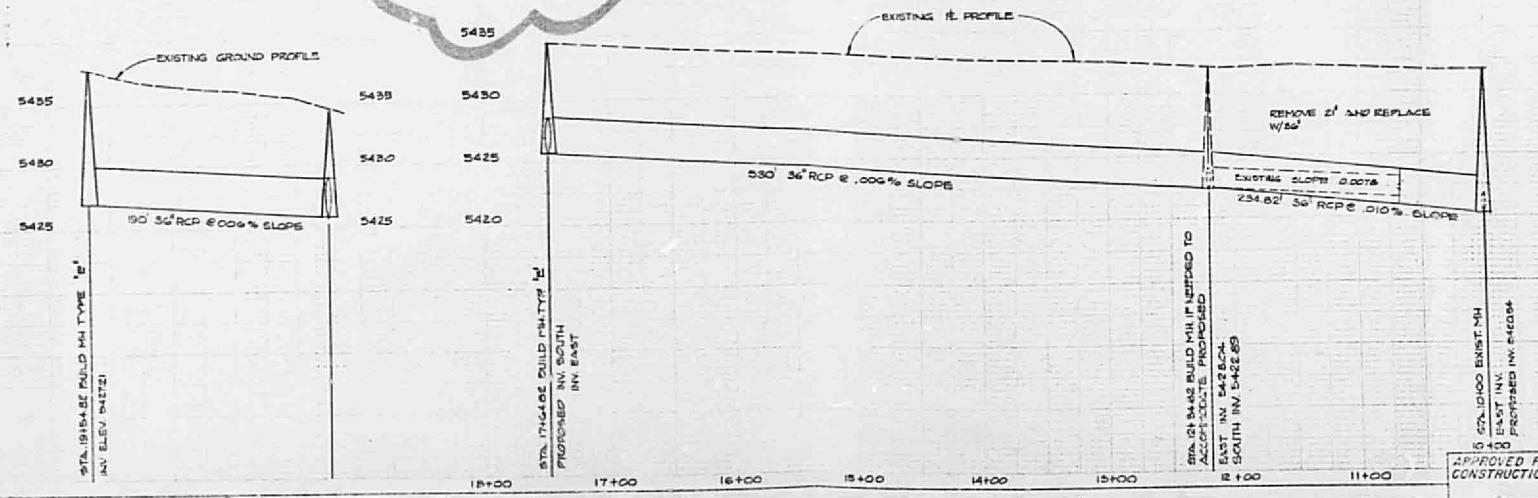


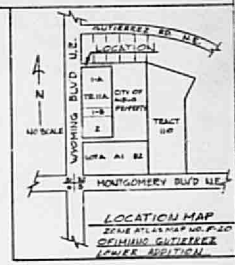
SEE ATTACHED AS-BUILTS

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION AND SIZE OF EXISTING STORM DRAIN LINES BEFORE CONSTRUCTION. REMOVE 21" RCP INSTALL 36" RCP CL IV AT SLOPE .010.
2. IF NECESSARY REMOVE EXISTING MANHOLE. BUILD AN 8 FOOT DIAMETER MANHOLE TO ACCOMMODATE EXISTING AND PROPOSED LINES.
3. INSTALL 36" RCP CLASS IV @ SLOPE .008.
4. BUILD 4 FOOT DIAMETER MANHOLE, TYPE E.

PARAMETERS:
Q RESERVOIR = 45 CFS
Q RUNOFF = 10 CFS
EXISTING OUTFALL = 21" @ EL. .0078
CAPACITY 15 CFS
DESIGN:
36" @ .008, CAPACITY = 52 CFS
36" @ .010 CAPACITY = 70 CFS





LOCATION MAP
ZONE ATLAS MAP NO. F-20
OFIMIANO GUTIERREZ LOWER ADDITION

LEGEND:

PROPOSED	EXISTING
STORM SEWER SIZE AS MARKED	WATER LINE SIZES AS MARKED
	GATE VALVE
	FIRE HYDRANT
	S.S. LINE (SANITARY SEWER LINE) SIZES AS MARKED.
	STORM SEWER SIZES AS MARKED
MANHOLE	MANHOLE
	CATCH BASIN
	CURB & GUTTER

AS BUILT INFORMATION
CONTRACTOR
STAKED BY
INSPECTED BY
FIELD TEST BY
DATE
FINAL INSPECTION BY
DATE
SUBMITTED BY
MICRO-FILM INFORMATION
DATE
RECORDED BY
NO.

BENCH MARKS
BM - 9F19 ELEV 5431.54

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
PS-15	G. ARCHUNDE	8-12-80
"	J. DURAN	"
"	D. McCALL	"
"	A. GRUEBLES	"

REFERENCES
MAP NO. F-20
EST. NO.
W.O. NO.

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY C. FOHLHEIM DATE 8-11-80
DRAWN BY S. CHAVEZ DATE 8-11-80

APPROVED FOR CONSTRUCTION

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: STORM DRAINAGE IN OFIMIANO GUTIERREZ LOWER ADDITION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		

DRAWING NO. W-29-134 SHEET OF

W-29-134

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO
June 25, 1980

INTER-OFFICE CORRESPONDENCE REF. NO._____

TO: Fred Aguirre, Civil Engineer, Engineering Division

FROM: Celia Tomlinson, Acting Assistant City Engineer/Design Celia Tomlinson

SUBJECT: THOMAS RESERVOIR/QUARTERS RESTAURANT

A meeting this morning between Mike Mendoza of Water Resources Department and myself accomplished the following:

1. A storm reservoir drain is still required in the 20-foot strip north of the Quarters Restaurant property. The line will be installed as soon as the City's acquisition of the 20-foot strip (as utility, drainage and access easement) is finalized.

2. The completed development of the Quarters Restaurant is acceptable on condition that the 20-foot strip will not be paved prior to installation of the storm/reservoir drain. When the underground utilities installation is completed, the Quarters Restaurant developer must improve the access easement.

3. Based on condition set on item 2, it is recommended that a permanent occupancy permit be issued to Quarters Restaurant, provided that the drainage treatment of the property is satisfactory to you.

APPROVED: _____
Richard S. Heller
City Engineer

CT/el

cc: Mike Mendoza, Water Resources

Bruno
MEO

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

MAYOR
David Rusk

See
Quarter Back
Dr. file

January 25, 1980

RECEIVED
JAN 30 1980
CITY ENGINEER

Mr. Robert F. Armstrong
Architecture A.I.A.
Post Office Box 14946
Albuquerque, New Mexico 87191

Re: Thomas Reservoir Site-Property Line Fencing

Dear Mr. Armstrong:

This is in response to your letter dated January 2, 1980, on subject reservoir site, indicating that your client would like to install slats on fencing to be installed by the City.

Please be informed that the construction of an additional reservoir on this site and any related fencing along the remaining property line boundaries are not programmed in the immediate future, such as to allow the fencing to coincide with your request.

It is, therefore, proposed by this office that the owner of the property to be developed, initiate the construction of the required fencing, subject to approval by the Department of Water Resources on materials used and installation drawings.

Regarding the issue of storm run off generated from our site, we have initiated action for the construction of a storm drain. This office has no objection to your performing earthwork on our site in order to eliminate the retaining wall on the east lot line. Final grades must be approved by Water Resources.

If there are any questions, please contact this office.

Sincerely,
Paul D. Noland, Director
Water Resources Department

by: Mike E. Mendoza
Mike E. Mendoza
Assistant Chief Engineer

Copy: Paul D. Noland, Director
Walter H. Nickerson, Cf. Eng.
Joe Genualdi, Cf. Water Sys.
Reading File

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE January 23, 1980 REF. NO._____

TO: Bruno Conegliano, Asst. City Engineer-Hydrology

FROM: Q. R. Kielich, Asst. City Engineer-Design QK

SUBJECT: Wyoming and Montgomery (Thomas Reservoir) need file

1. Reference - grading plan for Quarters Beef Restaurant on Wyoming N.E. north of Montgomery Blvd.

2. The ponding area east of subject property which will be created by filling of subject property can be drained by separate catch basin with pipe draining into proposed storage tank overflow pipe.

3. Alternate solution would be to fill ponding and collect runoff in a catch basin, thence into the tank overflow line.

4. Grading of access easement on north side of subject property should be included in site grading of new reservoir.

5. Project will be prepared to extend overflow line from new tank to storm sewer line in Wyoming near Montgomery.

City of Albuquerque

WATER RESOURCES DEPARTMENT
ENGINEERING DIVISION

MEMORANDUM: December 14, 1979

TO: Q.R. Kielich, Assistant City Engineer, MDD

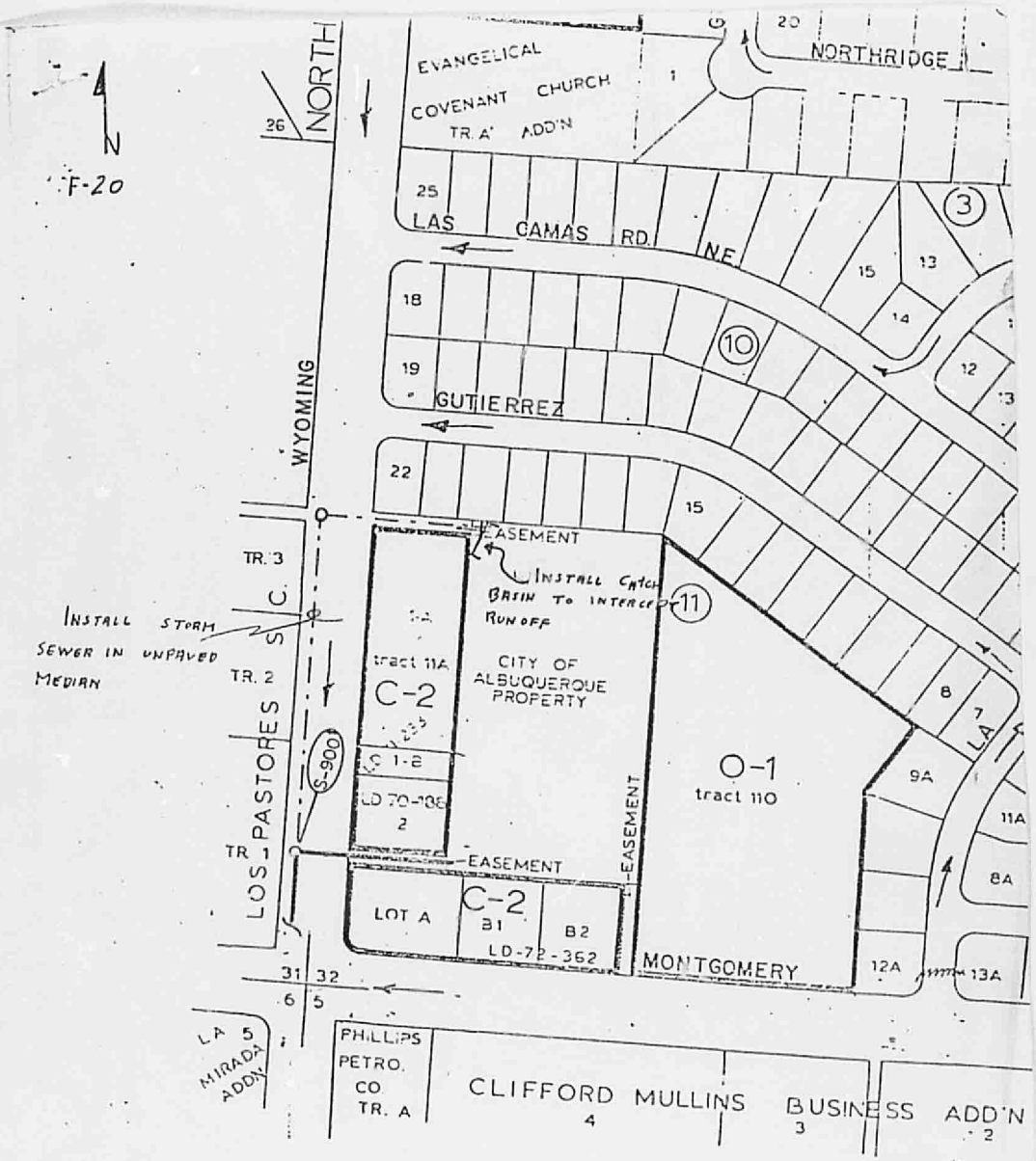
FROM: Brian L. Speicher, Engineer, WRD

SUBJECT: STORM SEWER DESIGN REQUEST
THOMAS RESERVOIR SITE (F-20)

Due to the proposed development of Tract 11A, Lower Terrace (O.G.) Addition, it is necessary to provide a method of handling the storm runoff discharge from the Thomas Reservoir site. It is requested that a design and estimate be prepared for a storm sewer extension as indicated on the attached sketch. In addition to the runoff capacity requirement, which shall be determined by the Hydrology Engineer, the sewer shall have capacity for 29.2 MGD for future use as the wash line of a 2nd reservoir on the site. Account number 011071-527500 shall be used for payment.

Attach:

cc: Paul D. Noland
Walter H. Nickerson, Jr.
Mike E. Mendoza
f/Reader's
f/Thomas Reservoir



NOTE: TRACT 11-A IS BEING DEVELOPED. SITE PLAN CAN BE OBTAINED FROM ENCHANTMENT ENGINEERING (MR. JOHN BETTIS)

0478