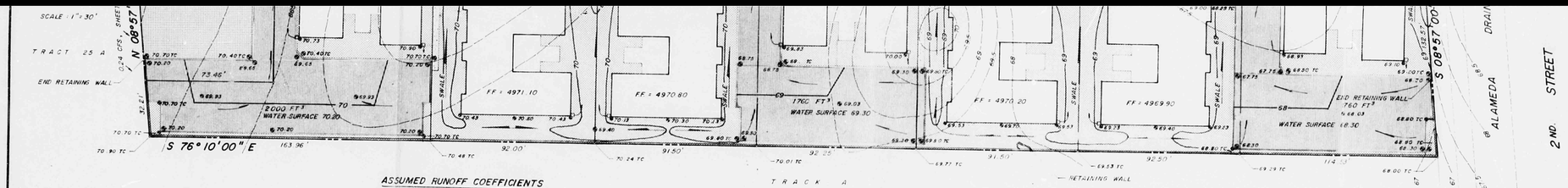
HYDROLOGY

G14/D6
TWO PLANS



RECEIVED
DEC 15 1981
ENGINEERING

APPROVED FOR DRAINAGE
12/15/81
DATE
SIGNATURE
CE/Hyd
TITLE
CONDITIONS

ASSUMED INTENSITIES INCHES / HR.

100 YR MAX. $Q, I = 5.4$ FOR 10 MIN.
100 YR MAX. $V, I = 0.4$ FOR 6 HRS.
50 YR MAX. $V, I = 0.33$ FOR 6 HRS.
1 YR MAX. $Q, I = 1.62$ FOR 10 MIN.

ASSUMED RUNOFF COEFFICIENTS

C UNDEV. = 0.40
C IMPERVIOUS = 0.90 (0.10 DEPRESSION PONDING & INFILTRATION)
C LANDSCAPED = 0.20
C COMP. $= \frac{\Sigma_1^n (C_i \cdot A_i)}{\Sigma_1^n A_i}$

TOTAL AREA 2.239 AC.

LOT NO.		2	3	4	5	6	7	8
IMPERVIOUS AREA	FT²	11,593	8,288	9,049	9,670	8,701	8,539	10,948
LANDSCAPED AREA	FT²	3,037	3,864	3,037	2,515	3,755	3,679	3,435
TOTAL AREA	FT²	14,630	12,152	12,086	12,185	12,086	12,218	14,383
C UNDEVELOPED		0.40	0.40	0.40	0.40	0.40	0.40	0.40
C DEVELOPED		0.75	0.68	0.72	0.76	0.58	0.69	0.73
ΔC		0.35	0.28	0.32	0.36	0.28	0.29	0.33
POND. REQUIRED	FT³	1810	1363	1436	1528	1356	1391	1732
POND. PROVIDED	FT³	2000	2800		1760	2750		1760
100 YR UNDEV. Q	CFS	0.72	0.60	0.60	0.60	0.60	0.61	0.71
100 YR DEV. Q	CFS	1.36	1.02	1.08	1.15	1.02	1.05	1.30
100 YR UNDEV. V	FT³	1060	864	864	864	864	864	1060
100 YR DEV. V	FT³	1970	1400	1490	1555	1404	1435	1917
50 YR UNDEV. V	FT³	900	720	720	720	720	720	900
50 YR DEV. V	FT³	1810	1363	1436	1528	1356	1391	1732
1 YR UNDEV. Q	CFS	0.22	0.18	0.18	0.18	0.18	0.18	0.21

$Q_{DIS.} = C_D \cdot A \cdot \sqrt{2gh}$
$C_D = 0.5$ (ASSUMED) } SHORT PIPE
$A = 0.09$ FT² (4"Ø)

$Q_{DIS} = 0.35 \sqrt{h} = 0.35 \sqrt{0.633} = 0.28$ CFS

Q_{DIS} LONG PIPES WITH TWO EL'S ASSUMED
½ OF ORIFICE FLOW = 0.14

h = 0.633 FT. ALL PONDS

OVERFLOW DEPTH
$Q = C_w \cdot L \cdot h^{3/2}$
$C_w = 3.33$ (ASSUMED)

FOR TRI. SECTION AVERAGE h OVER L WAS USED.

REAR PONDS @ 20' L AND 0.1' h CAN HANDLE 2.11 CFS; 100 YR Q = 1.36 CFS (POND 2)

FRONT PONDS FOR L = 10', h = 0.16' TO HANDLE 100 YR Q.

RUNOFF CALCULATIONES

$Q = C \cdot I \cdot A$
WHERE Q = QUANTITY IN CFS
C = RUNOFF COEFF.
I = RAINFALL INTENSITY IN IN./HR
A = AREA IN ACRES
$V = C \cdot \frac{I}{12} \cdot A$
WHERE V = VOLUME IN FT³
C = RUNOFF COEFF.
I = RAINFALL INT. IN IN/HR
t = TIME IN HRS.
A = AREA IN FT²

LEGAL DESCRIPTION : GIBSON TRACT A, PORTION OF TRACT 25 A, M.R.G.C.D. MAP 33, ALBUQUERQUE, NEW MEXICO.

BENCH MARK : CITY ELEV. B.M. 10-G-14 ELEV. 4969.575, AT N.W. CORNER OF SAN CLEMENTE & 4th STREET.

SURVEYED BY : SOUTHWEST SURVEYING CO., INC.

SOIL TYPE : GILA – LOS GRIEGOS QUAD.

FLOOD HAZARD MAP : 350002 0005 NOT IN HAZARD AREA
ASSUMED TIME OF CONCENTRATION 10 MIN. – SOP FOR SMALL AREAS
NO EXISTING STRUCTURES ON OR WITHIN 15' OF THIS PROPERTY.

LEGEND

- POND
- EXISTING ELEVATION
- PROPOSED ELEVATION
- ~~LANDSCAPED AREA~~ ~~PAVED~~ AREA
- DOWN SPOUT
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING
- PROPOSED

NOTE : ALL FILL TO BE PLACED IN 8" MAX. LIFTS WITH OPTIMUM MOISTURE CONTENT AND COMPACTED TO A MODIFIED PROCTOR DENSITY OF 95%.

ALL GRADING TO BE STRAIGHT LINE BETWEEN SPOT ELEVATIONS.

G14/D6

C.A. COONCE & ASSOC.
ENVIRONMENTAL, WATER RESOURCES, & SANITARY CONSULTING ENGINEERS
12324 PINERIDGE N.E. ALBUQUERQUE, N.M. 87112 PH. (505) 296-1089

TITLE: DRAINAGE & GRADING PLAN
PROJECT: CASAS SOLANAS II

DATE	8-21-81	REVISED			
DRAWN	V.M.				
CHECKED	C.A.C.				

SHEET 1 OF

BRUNING 44.132 46720

HYDROLOGY G14/D6 TWO PLANS

G 14 - D 6

2 PLANS

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

HYDROLOGY SECTION PROJ. NO. G14-06 DATE: 7/29/81

PLANNING DIVISION NO.

CONFERENCE RECAP

SUBJECT: Casas Solanas II (on San Clamente Between 2nd and Fourth)

ATTENDANCE: WHO	REPRESENTING
Brian Burnett	City
CM Easterling	"
Pat Coonce	

FINDINGS: 1. 100 year undeveloped floowrate allowed from site to Alameda Drain.
2. Permission to discharge to Drain must be obtained from the Conservancy District.

The undersigned agrees that the above findings are summarized accurately and are only subject to change if further investigation reveals that they are not reasonable or that they are based on inaccurate information.

SIGNED: C.M. Easterling SIGNED: P.A. Coonce

TITLE: PACE TITLE: Engr

DATE: 7/29/81 DATE: July 29, 1981

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

G14 - D9

November 9, 1981

Mr. Pat Coonce
C. A. Coonce & Associates
12324 Pineridge N.E.
Albuquerque, N.M. 87112

RE: CASAS SOLANAS II DRAINAGE REPORT

Dear Pat:

A review of your re-submitted material received by our office on November 5, 1981 has resulted in the comments listed below. The numbers indicated refer to the Drainage Report (DR) checklists. Please supply the following information:

Not Supplied a. DR # 2. Please supply planning and zoning action history.

b. DR # 4. Delineation of site on pertinent Flood Hazard Boundary Map or statement that project does not fall in any flood hazard area.

c. DR # 5. Delineation of site and contributing off-site watershed on SCS Bernalillo County Soil Survey Maps or statement of existing soil types.

Not Supplied d. DR # 8. Quantification of off-site rates of flow for the 100-year frequency.

Not Supplied e. DR # 11. Proposed treatment of off-site flows. Flows out to property

f. DR # 13. Calculations showing on-site undeveloped and developed:

1. Time of concentration
2. 100 year and 1 year rates
3. 100 year and 50 year volumes
4. Quantifications of undeveloped and developed runoff coefficients (c).

Not Supplied

g. DR # 15, B-1. Pond Volume calculations (indicating pond dimensions and depth). Ponds shall have a volume equivalent to the 50-year developed runoff volumes with Q_1 positive discharge as indicated in the Interim Drainage Guidelines dated November 1979 for development within the valley area (Section B-6).

DR # 15, B-2. Pond positive discharge calculations (Max Q_1).

DR # 15, B-3. Pond emergency spillway calculations (Minimum Q_{100}) indicating depth of flow over emergency spillway.

B-6. A signed drainage covenant should be submitted by the owner.

h. DR-15C. Quantifications that on-site flows shall discharge at a rate of flow velocity, quantity and location which does not exceed the capacity of downstream drainage facilities.

i. DR-20D. Identification of all existing structures located on-site or on adjacent property (15' minimum); if none exist, state that there are no existing structures on proposed site and no structures within 15 feet of property line on adjacent property.

j. DR-21A. Indicate proposed contours.

k. DR-21K. Elevation of property line at least 1 foot above flow-line.

l. DR-21M. Please supply details of ponds, inlet structures for the positive discharge lines, and emergency spillway cross-sections.

m. DR-22. Will this entire site be developed in one phase? If not, an erosion control plan must be submitted.

If the drainage report is to be used also as the Grading Plan for the construction set, please include all information requested on the Construction Plan Checklist.

If I can be of further help on these matters, please call.

Sincerely,

Jim Fink
Civil Engineer/Hydrology

JF/tsl

cc: Gary Gritske
Southwest Surveying Co., Inc.

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

G14 - D6

December 16, 1981

Mr. Pat Coonce
C.A. Coonce & Assoc.
12324 Pineridge N.E.
Albuquerque, N.M. 87112

RE: CASAS SOLANAS II

Dear Pat:

The referenced drainage report is approved based on your submittal received by our office 12/15/81.

If I can be of any further help, please call.

Sincerely,

Jim Fink
Civil Engineer/Hydrology

JF/tsl

C.A. (PAT) COONCE & ASSOC., INC.
ENVIRONMENTAL, WATER RESOURCES, & SANITARY CONSULTING ENGINEERS

12324 PINERIDGE, N.E.
ALBUQUERQUE, N.M. 87112

PHONE (505) 296-1089

September 27, 1982

RECEIVED
SEP 27 1982
ENGINEERING

City of Albuquerque
Engineering Division
P.O. Box 1293
Albuquerque, New Mexico 87103
Attention: Mr. James Fink

Dear Mr. Fink:

This letter enumerates the temporary ponding requirements for the Casas Solanas II development on San Clemente, N.W., as discussed by telephone Friday, September 24, 1982.

1. A temporary drainage easement will be required. It may be done using the format used for permanent drainage easements, and be labeled "temporary".

2. The temporary pond will hold the 100 year discharge, with overflow to the Alameda Drain.

3. No lining is required for the temporary pond.

4. A lined channel from the existing paving to the temporary ponding will be provided.

5. A revised interim plan will be prepared.

If the requirements vary in any way from those listed above, please advise me as soon as possible.

Sincerely yours,

C.A. Coonce

C.A. Coonce
NMPE # 2934

C.A. (PAT) COONCE & ASSOC.
ENVIRONMEN[illegible] WATER RESOURCES, & SANITARY CONSUL[illegible] ENGINEERS

12324 PINERIDGE, N.E.
ALBUQUERQUE, N.M. 87112

PHONE (505) 296-1089

November 10, 1982

RECEIVED

NOV 10 1982

[illegible]RING

Mr. Subhas K. Shah
MRGCD, District Engineer
P.O. Box 581
Albuquerque, New Mexico 87103

Dear Sir:

Enclosed you will find a drawing of a proposed temporary retention pond on San Clemente Ave., N.W. in Albuquerque. This ponding is designed to be used until the City of Albuquerque paves Alameda Ave. from Fourth Street to Second Street. This will be done under Paving Assessment District No. SAD 213, and is scheduled to be under construction by September 1983. Herkenhoff and Associates are the design agency for this Special Assessment District.

It is hereby requested that a license be granted to Casas Solanas II to allow drainage of this temporary retention pond into the MRGCD Alameda Drain as shown on the enclosed plans.

Yours truly,

C.A. Coonce

C.A. Coonce
NMPE # 2934

cc: Mr. J. Fink
Mr. P. Skrak

WILSON & COMPANY
ENGINEERS & ARCHITECTS

505 262-2115

Office Location... 1321 SAN PEDRO N.E. ■ ALBUQUERQUE, NEW MEXICO 87110

Mailing Address... P.O. BOX 3548 ■ ALBUQUERQUE, NEW MEXICO 87190

ENGINEERS
ARCHITECTS
PLANNERS

An Equal Opportunity Employer

RECEIVED
NOV 12 1982
CITY ENGINEER

November 9, 1982

Mr. Dick Heller
City Engineer
City of Albuquerque
P. O. Box 1293
Albuquerque, NM 87103

Re: Intersection San Clemente & Fourth St., NW
WCEA File: 82-501

Dear Mr. Heller:

Paul Skrak of Mega Structures asked us to investigate the situation at Fourth and San Clemente to see if there was a possibility to eliminate a catch basin at the intersection. Water along Fourth St. flows from the north and the south towards the intersection; therefore, I do not recommend the elimination of a catch basin.

If the City Council had not deleted the paving of San Clemente from S.A.D. No. 194, the City would have paid for the construction of all the drainage improvements at the intersection of Fourth and San Clemente. I would suggest the City pay one half the cost of the drainage improvements at San Clemente and Fourth.

Very truly yours,
WILSON & COMPANY

Robert F. Sykes, P.E.

xc: Paul Skrak

-sap

RSH ___ DES ___
HRO ___ INSP ___
CME ___ HYDRO ___
JNH ___ SUR ___
SAD ___ ADM ___
___ FILE ___
RESPONSE BY ___

Your recommendation please

COMP. RFS

CK.

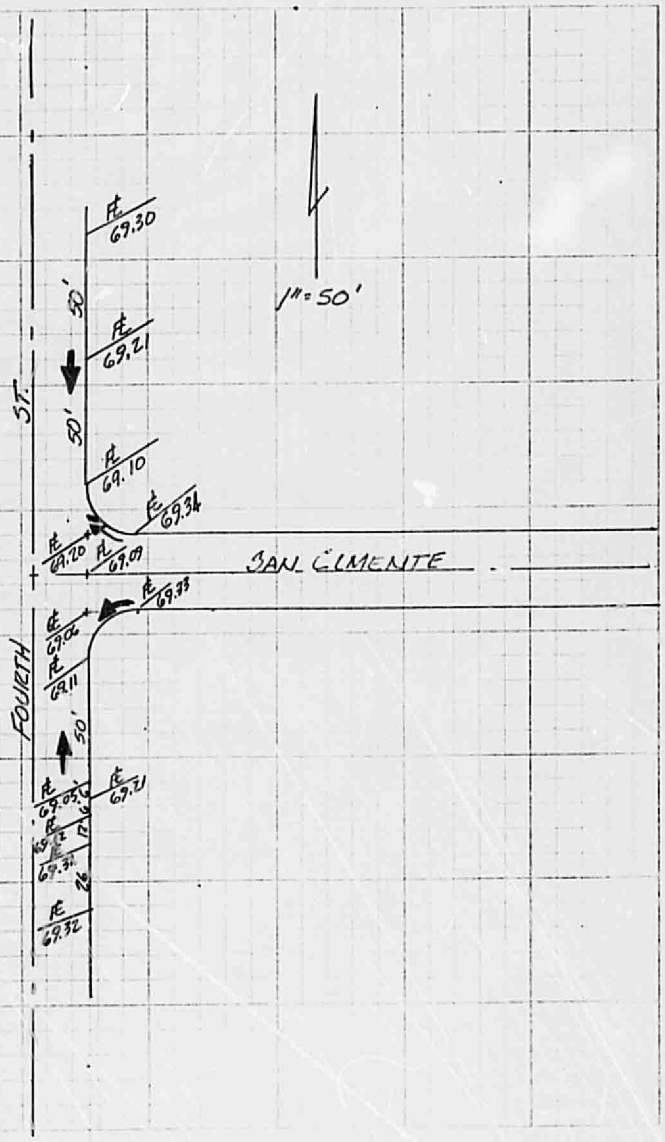
DATE 9 Nov 82

WILSON & COMPANY
ENGINEERS ARCHITECTS

LOC Albuquerque FILE SE-501

PROJ San Clemente & 4th SHEET 1

SUBJ Drainage. OF 1



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

November 12, 1982

Mr. Pat Coonce
C.A. Coonce & Associates
12324 Pineridge N.E.
Albuquerque, N.M. 87112

RE: TEMPORARY PONDING - CASAS SOLANAS II

Dear Pat:

Easements for the temporary ponding area and the inlet ditch must be filed with the county clerk using the format used for permanent drainage easements only labeled "Temporary".

The following comments need to be addressed and shown on the temporary ponding plan before it can be approved.

1. Existing contours.
2. Finished contours.
3. Tie of finished contours to existing contours within the property boundaries.
4. Minimum slope from inlet ditch to outlet works of 1%.
5. Pond volume calculations.
6. Emergency spillway calculations and location.
7. Calculation of total Q to be carried by the inlet ditch.
8. Calculations indicating the capacity of the inlet ditch.
9. Calculations showing the capacity of the outlet structure.
10. Detail A should show:
    a. High water level elevation of Alameda Drain.
    b. Width, length and type of rip-rap protection.

11. Inlet ditch detail should show:

    a. Width of rip-rap protection.

    b. That 3" min. boulders are large enough to be stable for the given flows and velocities.

12. A detail of the tie of the inlet ditch to the existing curb and gutter.

13. Is this plan to incorporate flows and volumes from tract #1; if so, a drainage plan for this tract needs to be included.

14. A signed letter from M.R.G.C.D. granting the license for dischare at a given rate into the Alameda Drain needs to be submitted, not just the letter asking for the license.

If you have any questions concerning these comments, please call.

Sincerely,

Jim Fink
Civil Engineer/Hydrology

JF/tsl

cc: Paul Skrak
Subhas Shah

C.A. (PAT) COONCE & ASSOC., INC.
ENVIRONMENTAL, WATER RESOURCES, & SANITARY CONSULTING ENGINEERS

12324 PINERIDGE, N.E.
ALBUQUERQUE, N.M. 87112

PHONE (505) 296-1069

November 18, 1982

Mr. Jim Fink
City of Albuquerque
P.O. Box 1293
Albuquerque, New Mexico 87103
R.E.: Temporary Ponding, Casas Solanas II

RECEIVED
19 1982
CITY ENGINEER

Dear Jim,

Enclosed you will find a proposed draft of "Grant of Temporary Drainage Easement". Please review and make any changes you feel appropriate.

Sincerely,

C.A. Coonce

C.A. Coonce

GRANT OF TEMPORARY DRAINAGE EASEMENT

This easement grant is made and executed this _____ day of _____, 19__, by and between Mega III Ltd. Partnership, hereinafter called the "Grantor" and the City of Albuquerque, New Mexico, a municipal corporation, hereinafter called the "City".

1. The Grantor is the owner of the following described real property within the City of Albuquerque:

Lot 8 of the subdivision Gibson Tract A, filed Dec. 16, 1981, Document number 8165153.

2. For good and valuable consideration, the receipt of which is hereby acknowledged, Grantor does hereby grant and deliver to the City of Albuquerque a temporary easement over and across a portion of Grantor's property for the purpose of permitting the flow, conveyance, and discharge of storm water runoff and for the purpose of constructing and maintaining a storm water detention facility.

3. The land affected by the grant of this easement and right-of-way is more particularly described as follows:

Lot 8 of the subdivision Gibson Tract A, filed Dec. 16, 1981, Document number 8165153.

4. Grantor shall construct drainage detention facilities in the easement in accordance with standards prescribed by the City and plans and specifications approved by the City engineer.

5. The easement and any drainage facilities constructed thereon shall be maintained by the Grantor, at his cost, in accordance with standards prescribed by the City. The City shall have the right to enter periodically upon the premises to inspect the drainage facilities.

6. In the event that the Grantor should fail to construct the drainage facilities contemplated herein or fail to adequately and properly maintain the easement and any facilities constructed thereon, the City of Albuquerque or its agents, at any time following fifteen (15) days written notice to the owner of record of said property, may enter upon said property to perform necessary construction or maintenance. The cost of performing such construction or maintenance shall be paid by the property owner. In the event the property owner fails to pay the costs of such construction or maintenance within thirty (30) days after being notified in writing of the cost of same, the City may file a lien therefor against the real property described in paragraph 1.

7. No fence, wall, planting, building or other obstruction may be placed or maintained in the easement without the written approval of the City Engineer of the City of Albuquerque, and there shall be no alteration of the grades or contours in said easement after the drainage facilities are constructed without the written approval of the City Engineer. Any violation of this provision will be promptly corrected upon receipt of notice from the City, or the City shall have the right to remove or otherwise eliminate such violation and assess the cost to the property owner as provided in paragraph 6 above.

8. Said easement is intended to be temporary in nature for the uses and purposes recited above to the City, it successors and assigns, until such time as the City releases said easement in writing.

9. The obligation of the Grantor set forth herein shall be binding upon the Grantor, his heirs, and assigns, and the property of the Grantor as described herein and will run with said property until released by the City.

10. The City shall not be liable for any damages to the Grantor resulting from its construction, modification, or maintenance of said facilities.

The Grantor agrees to defend, indemnify, and hold harmless, the City, its officials, agents and employees from and against any and all claims, actions, suits, or proceedings of any kind brought against said parties for or on account of any matter arising from the drainage facility provided for herein or the Grantor's failure to construct, maintain, or modify the drainage facility under this Covenant.

11. The written notice provided for herein shall be accomplished by mailing same to:

Mega III Limited Partnership
2221 Rio Grande Blvd., N.W.
Albuquerque, New Mexico 87112

The Grantor may change said address by written notice, certified mail, return receipt requested to the City Engineer, City Hall, at 505 Marquette Street, Albuquerque, New Mexico 87103.

12. This grant of temporary drainage easement will be nullified and become null and void when the City of Albuquerque completes the improvements to the south side of San Clemente, N.W., between Fourth and Second Streets, N.W.. Said improvements are to be accomplished under Special Assessment District 213, (SAD 213), for which construction is planned to commence by September, 1983.

IN WITNESS WHEREOF, the parties have set their hands and seals this _____ day of _____, 198__.

GRANTOR

By: _____
Paul J. Skrak
Title: General Partner

REVIEWED BY THE
LEGAL DEPARTMENT

_____

CITY OF ALBUQUERQUE

_____
Chief Administrative Officer

ACKNOWLEDGEMENTS

STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

The foregoing instrument was acknowledged before me this _____day of _____, 198__, by _____
(Name of Grantor)

_____
Notary Public

My Commission Expires:

_____

1152

Mega III Partners
2221 Rio Grande Blvd. N.W.
Albuquerque, New Mexico 87104
Paul J. Skrak # 242-6964
345-9586

RECEIVED
JAN 13 1983
CITY ENGINEER

City Of Albuquerque
P.O.Box 1293
Albuquerque, New Mexico
87103
Richard Heller
January 9, 1983

Re: Storm Sewers at San Clemente St. And Fourth Street

Dear Mr. Heller

We recently had Mr. Syches at Wilson Engineering Corp. look into the thought of omitting one of the two storm sewer drains at our intersection, he found the slope of the paving to be to low for only one drain to handle the flow. At this point we are back to square on and wondering if we have any other alternatives. Our development is at a standstill until interest rates drop, and we would like to have this matter cleared up during this slow period.

In May of last year we agreed to, and submitted a signed block to block contract for $7400.00. Six months later the city informs us that its now close to $12000.00 for the same job. Actually the amount we pay is closer to $9000.00 because you droped some city charges, which we appreciate. We are having a terrible time coming up with that kind of money because you can't get revenue out of an apartment complex that has yet to be built.

Last summer you allowed us to enter what you called an Assessment District, This meant, the city would build the balance of our road and bill us over ten years, Would it be possible to inclde ~~and~~ these Storm Drains in such a program? We would jump at the oppertunity of even having 50% cash & 50% assessment, just to get this storm drain deal behind us. If there is any chance of such a situation coming to light would you inform Mr. Fink to set up a brief meeting.

We Appreciate you help and concern Paul —

RSH BYA DES
HRO INSP
CME HYDRO
JNH SUR
SAD ADM
FILE
RESPONSE BY

Jim Fink — Please answer w/ Jim Hicks input — Due 1/27/83

C.A. (PAT) COONCE & ASSOC., INC.
ENVIRONMENTAL, WATER RESOURCES, & SANITARY CONSULTING ENGINEERS

12324 PINERIDGE, N.E.
ALBUQUERQUE, N.M. 87112

PHONE (505) 296-1089

January 13, 1983

RECEIVED
JAN 1 3 1983
ENGINEERING

Mr. James Fink
Hydrology Section, Engineering Division
City of Albuquerque
P.O. Box 1293
Albuquerque, New Mexico 87103

Re: Temporary Ponding, Casas Solanas II

Dear Jim,

In response to your letter dated 10/12/82, the following replies are made:

1. Due to the flatness of this area, there is no whole number existing contour through it, except the 67.0 elevation contour at the S.E. corner. Therefore, I have given existing grades at the corners.
2. The finished contours are indicated on the plan.
3. On the plan.
4. On the plan
5. Pond volume average end area, one foot deep.
6. There is no emergency spillway; the outlet works can drain faster than the water will come into the pond.
7. Q of the inlet ditch is the sum of lots upstream from the accepted drainage and grading plan, 0.52 cfs.
8. Using n= 0.030, S =0.92%, R= 0.2236, A=0.50, Qmax = 0.88cfs, v= 1.75f/s.
9. Using n= 0.010, S= 1%, R= 0.125, A=0.1963, Qmax= 0.73cfs.
10. On the plan
11. Given a velocity of 1.75 f/s, 3" boulders are adequate.
12. On the plan
13. Adequate capacity exists if lot one is added to the plan
14. Mr. Shah plans to grant the license to the city.

After assessing this temporary solution, I feel that there is a better alternative. Since the south portion of San Clemente Ave. is in a paving assessment district which will be completed within six months to one year, it does not seem to be cost effective for the city or the owner to spend as much or more for a temporary solution than will be required for a permanent solution. I would therefore recommend that the permanent curb and gutter be installed on the south side of San Clemente to the MRGCD right-of-way, a distance of 287.24 feet, and that a permanent inlet structure be installed in the San Clemente right-of-way tying to the Alameda Drain. The design for these facilities is already in existence, completed by Wilson and Assoc.

I believe that this approach will be no more expensive than the temporary solution, which would have to be torn out at a later date, and the permanent structures installed.

Yours truly,

C.A. Coonce

C.A. Coonce

cc: Paul Skrak
Subhas Shah

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

Mr. Paul J. Skrak
Mega III Partners
2221 Rio Grande Blvd. N.W.
Albuquerque, N.M. 87104

RE: STORM SEWERS AT SAN CLEMENTE SE AND FOURTH STREET

Dear Paul:

The original Block-to-Block Contract that you signed priced the asphalt concrete and compacted subbase for Fourth Street as if it were a residential street and not an arterial. This is the reason for the discrepancy between $7,400.00 and $12,000.00.

Placing these inlets in an Assessment District would not be appropriate due to the time requirements of an Assessment District. These inlets will need to be in place by June 1983. An Assessment District would have the design complete and be ready for construction in June or July, 1984 at the earliest.

The Engineers estimate for this project is attached. Please advise Mr. Jim Fink when this project is completed, so that we can commence to review your existing and future plans.

Sincerely,

Richard S. Heller
City Engineer

RSH/JF/tsl

Attachment

MUNICIPAL DEVELOPMENT DEPARTMENT

Richard S. Heller, P.E., City Engineer ENGINEERING DIVISION Telephone (505) 766-7467

AN EQUAL OPPORTUNITY EMPLOYER

1890