

Martin J. Chávez, Mayor
August 22, 1997

Richard Hall
Hall Engineering
6840 2nd St. NW
Albuquerque, New Mexico 87107

RE: PAWNEE STREET TRIPLEX (K-22/D47). ENGINEER'S CERTIFICATION FOR
CERTIFICATE OF OCCUPANCY, ENGINEER'S STAMP DATED 8/18/97.

Dear Mr. Hall:

Based on the updated information provided on your August 18, 1997 submittal, the above referenced project is approved for Certificate of Occupancy.

Please be advised that due to the fact that the original Grading and Drainage plan submitted and approved by this office was not built per the approved plan, this office does not have any liability caused by any unforeseen damages. The responsibility is solely on the property owner.

If I can be of any further assistance, please contact me at 924-3986.

Sincerely,

Bernie Montoya
Associate Engineer

c: Andrew Garcia
File



DRAINAGE INFORMATION SHEET

PROJECT TITLE: FABIAN SANCHEZ TRIPLEX ZONE ATLAS/DRNG. FILE#K-22

LEGAL DESCRIPTION: LOT 7, BLOCK 3 OF BLOCKS 1-19 OF CHELWOOD PARK

CITY ADDRESS: 915 PAWNEE ST. N.E.

ENGINEERING FIRM: HALL ENGINEERING

CONTACT: MIKE MARTINEZ

ADDRESS: 6840 2ND ST. N.W.

PHONE: 345-1064

OWNER: FABIAN SANCHEZ

CONTACT: FABIAN SANCHEZ

ADDRESS: 915 PAWNEE

PHONE: 293-2336

ARCHITECT:

CONTACT:

ADDRESS:

PHONE:

CONTRACTOR:

CONTACT:

ADDRESS:

PHONE:

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY OF CONFERENCE RECAP
SHEET PROVIDED

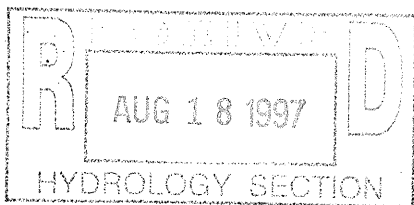
DRB NO. _____
EPC NO. _____
PROJ NO. _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☒ ENGINEER'S CERTIFICATION

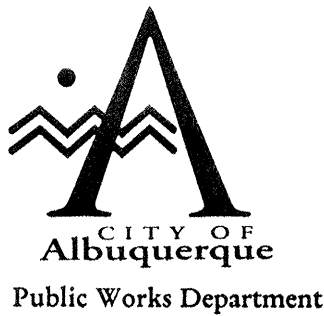
TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
☐ PRELIM. PLAT APPROVAL
☐ SITE DEVELOPMENT PLAN
☐ FINAL PLAT APPROVAL
☐ BLDG. PERMIT APPROVAL
☐ FOUNDATION PERMIT
☒ CERT. OF OCCUPANCY
☐ ROUGH GRADING PERMIT
☐ GRADING/PAVING PERMIT
☐ OTHER _____ (SPECIFY)



DATE SUBMITTED: AUGUST 18, 1997

SUBMITTED BY: MIKE MARTINEZ



Martin J. Chávez, Mayor

Robert E. Gurulé, Director

August 4, 1997

Richard Hall
Hall Engineering
6840 2nd St. NW
Albuquerque, New Mexico 87107

RE: REVISED DRAINAGE PLAN FOR PAWNEE STREET TRIPLEX (K22-D47)
ENGINEER'S STAMP DATED 7/24/97

Dear Mr. Hall:

Based on the information provided on your July 25, 1997 resubmittal, the above revised drainage plan is approved for Building Permit and SO19.

Please be advised that a separate permit is required for construction within City R/W. A copy of this approval letter must be on hand when applying for the excavation permit.

Also, Engineer Certification per the DPM checklist will be required prior to the release of the permanent Certificate Of Occupancy.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
Fabian Sanchez
Arlene Portillo
File

Sincerely

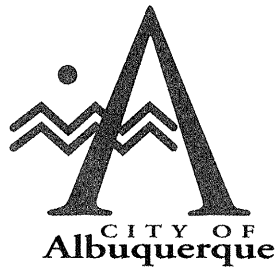
A handwritten signature in cursive script that reads 'Bernie J. Montoya'.

Bernie J. Montoya Ce
Associate Engineer

Good for You, Albuquerque!

P.O. Box 1293, Albuquerque, New Mexico 87103





Martin J. Chávez, Mayor

March 10, 1997

Richard Hall
Hall Engineering Co. Inc.
6840 Second St. NW
Albuquerque, New Mexico 87107

RE: REVISED DRAINAGE PLAN FOR PAWNEE STREET TRIPLEX (K22-D47)
REVISION DATED 3/7/97

Dear Mr. Hall:

Based on the information provided on your March 7, 1997 resubmittal, the above referenced site is approved for SO19 & Building Permit.


Please be advised that a separate permit is required for construction within City R/W. A copy of this approval letter must be on hand when applying for the excavation permit.

Also, prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
Fabian Sanchez
Arlene Portillo
File

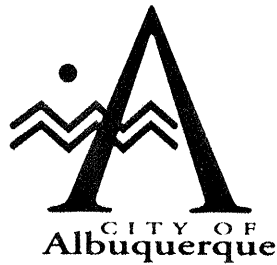
Sincerely


Bernie J. Montoya CE
Engineering Associate

Good for You, Albuquerque!

P.O. Box 1293, Albuquerque, New Mexico 87103





Martin J. Chávez, Mayor

March 3, 1997

Richard Hall
Hall Engineering
6840 2ND St. NW Suite 306
Albuquerque, New Mexico 87107

RE: DRAINAGE PLAN FOR PAWNEE STREET TRIPLEX (K22-D47) ENGINEER'S
STAMP DATED 2/27/97

Dear Mr. Hall:

Based on the information provided on your February 27, 1997 submittal, listed are some concerns that will need to be addressed prior to final approval:

1. Pipe Hydraulics for the proposed 4" pvc pipe (include the entry capacity).
2. TBM must be permanently marked with a curb notch or painted.
3. Roof runoff (East portion) must be routed towards the concrete drive.(Recommend downspouts)
4. Please address off-site flows from the West if any.
5. Spot elevations required 25' west of the proposed retaining wall to evaluate any off-site flows.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
File

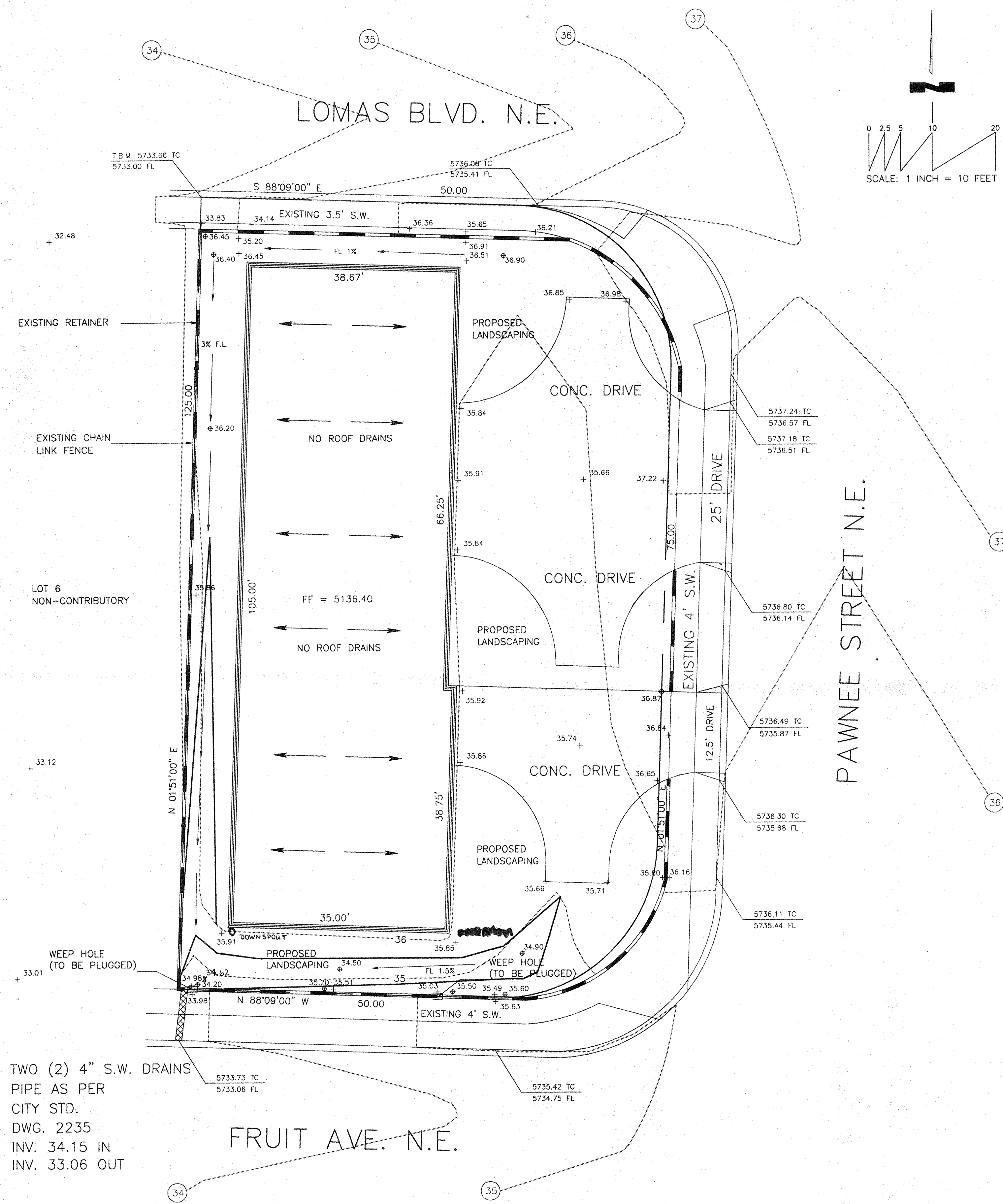
Sincerely

Bernie J. Montoya CE
Engineering Associate

Good for You, Albuquerque!

P.O. Box 1293, Albuquerque, New Mexico 87103





TWO (2) 4" S.W. DRAINS
PIPE AS PER
CITY STD.
DWG. 2235
INV. 34.15 IN
INV. 33.06 OUT

LEGEND

- 57 — EXISTING CONTOURS
- 57 — PROPOSED CONTOURS
- + 58.0 EXISTING SPOT ELEVATION
- 58.0 PROPOSED SPOT ELEVATION
- FL — FLOW LINE

EXISTING BUILDING

EXISTING CONCRETE BLOCK WALL

PROPERTY LINE

NOTICE TO CONTRACTOR

FINISHED CONTOURS SHOWN ARE TO FINISH SURFACES AND ARE PROVIDED FOR THE PURPOSE OF SHOWING FLOW ROUTING.

CONTRACTOR IS RESPONSIBLE FOR THE ABATEMENT OF SEDIMENT ONTO ADJOINING PUBLIC RIGHTS-OF-WAY DURING CONSTRUCTION AND FOR THE REMOVAL OF ANY SEDIMENT DEPOSITED IN PUBLIC RIGHT-OF-WAY.

CONTRACTOR SHALL OBTAIN A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO ANY GRADING OR CONSTRUCTION.

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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE #5.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 260-1990 FOR LOCATION OF EXISTING UTILITIES.
4. BACKFILL AND COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
5. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER(S) OF THE PROPERTY SERVED.

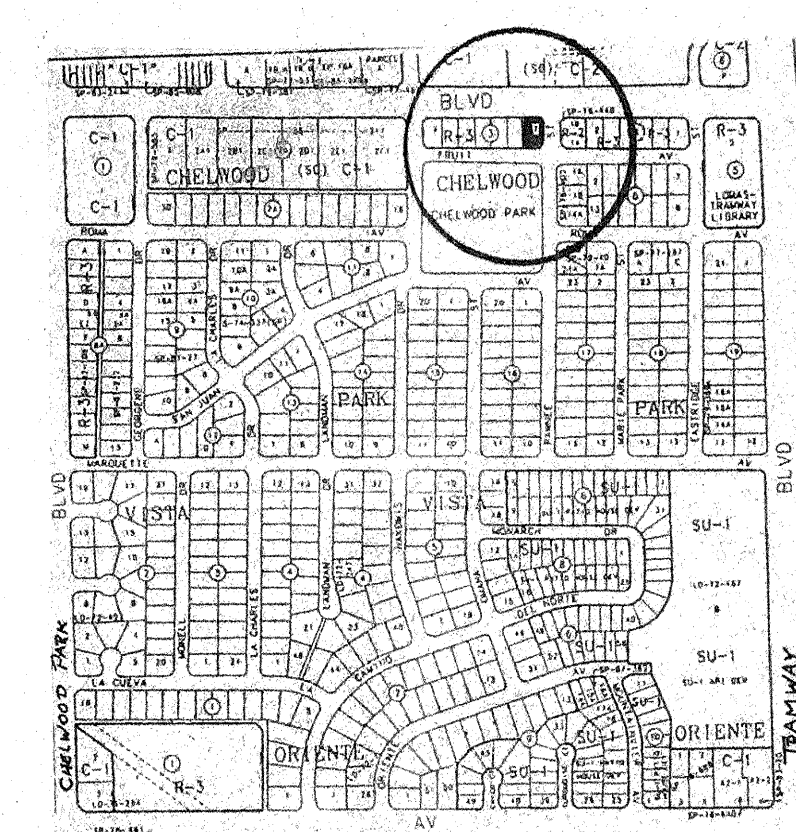
APPROVALS	NAME	DATE
HYDROLOGY		
INSPECTOR		
A.C.E./FIELD		

ENGINEERS CERTIFICATE

On August 15, 1997, an as-built inspection and elevation survey was performed on this site. New and existing grades shown hereon were found to be in compliance with the designed and approved drainage plan.

Richard Hall
7/24/97
7918

Revised Aug 13, 1997
Richard Hall



VICINITY MAP

K-22-Z

AS-BUILT GRADING AND DRAINAGE PLAN

ONLY GRADES AND ELEVATIONS IN SHOWN AREAS ARE TO BE ALTERED. FINISHED FLOOR AND ALL OTHER CONCRETE STRUCTURES SHALL REMAIN AT THEIR EXISTING ELEVATIONS. DRAINAGE IS NEITHER CREATED NOR DELETED DUE TO THE LACK OF CHANGES IN TREATMENT AREAS. DEVELOPED CONDITIONS DISCHARGE IS EQUIVALENT TO EXISTING CONDITIONS DISCHARGE.

DISCHARGE WILL BE DIRECTED INTO FRUIT AVENUE VIA TWO (2) THE DRAIN PIPES LOCATED IN THE SOUTHWEST CORNER OF THE LOT.

APPROXIMATELY 3,193 SQUARE FEET OF LANDSCAPING WILL BE INCLUDED IN THE LOT.

DRAINAGE DATA

THIS SITE LIES WITHIN PRECIPITATION ZONE 4

CONDITION	STORM RETURN PERIOD TABLE 4 YEAR	TREATMENT TYPE	TREATMENT AREA	EXCESS PRECIP IN.	PEAK RUNOFF TAB A-8 CFS/AC	RUNOFF VOLUME TAB A-9 CU.FT.	RUNOFF RATE CFS
DEVELOPED	100	B	3193	1.08	2.92	287	0.21
		D	5915	2.64	5.25	1301	0.71
DEVELOPED	10	B	3193	0.46	1.45	122	0.11
		D	5915	1.69	3.57	833	0.48
TOTAL	100		9107			1588	0.92
	10		9107			955	0.59

S.O. 19 PIPE CARRIES 0.92 CFS FOR 100-YEAR STORM PERIOD.
S.O. 19 PIPE CARRIES 0.59 CFS FOR 10-YEAR STORM PERIOD.

S.W. DRAIN

SOLVE FOR FULL FLOW CAPACITY

GIVEN INPUT DATA:
DIAMETER..... 0.33 FT
SLOPE..... 0.1344 FT/FT
MANNING'S n..... 0.013
DISCHARGE..... 0.68 CFS

COMPUTED RESULTS:
FULL FLOW CAPACITY... 0.68 CFS
FULL FLOW DEPTH..... 0.33 FT
VELOCITY..... 7.94 FPS
FLOW AREA..... 0.09 SF
CRITICAL DEPTH..... 0.33 FT
CRITICAL SLOPE..... 0.1271 FT/FT
PERCENT FULL..... 100.00 %
FULL CAPACITY..... 0.68 CFS
QMAX @ 0.940..... 0.73 CFS
FROUDE NUMBER.. FULL

TWO (2), FOUR (4) INCH PIPES SHALL BE PLACED IN THE SHOWN AREA IN ORDER TO OBTAIN THE NECESSARY CAPACITY OF 0.92 CFS.

FULL FLOW CAPACITY FOR TWO (2) PIPES IS 1.36 CFS.

BENCH MARK

ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 21-K22", EPOXIED TO TOP OF CONCRETE CURB. LOCATED AT THE ESE QUADRANT OF LOMAS BLVD. AND NAKOMIS DRIVE N.E.

ELEV. 5718.124 FT.

T.B.M.

JOINT IN CURB AT NORTHWEST CORNER OF LOT

ELEV. 5733.66 FT.

GRADING AND DRAINAGE PLAN
LOT 7, BLOCK 3 OF BLOCKS 1-19 OF CHELWOOD PARK
915 PAWNEE ST. N.E.
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

HALL ENGINEERING COMPANY INC.
ENGINEERING • SURVEYING • PLANNING • CONSTRUCTION
6840 2ND ST., NW, SUITE 306 • ALBUQUERQUE, NEW MEXICO 87107
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