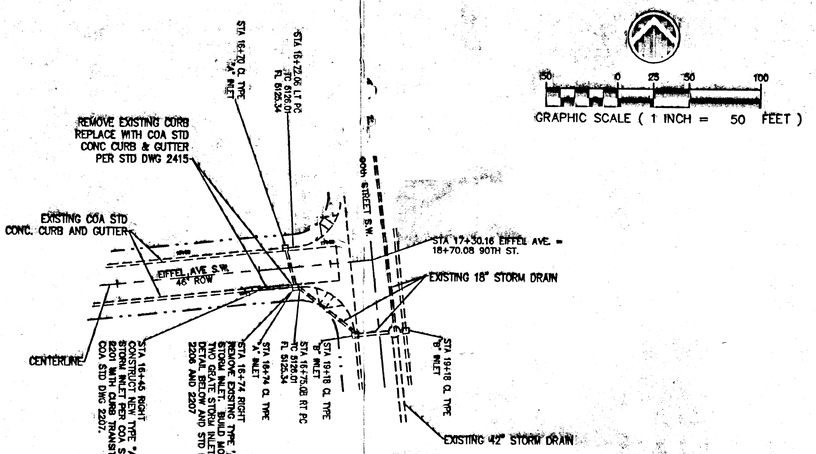


SO-19 FORM

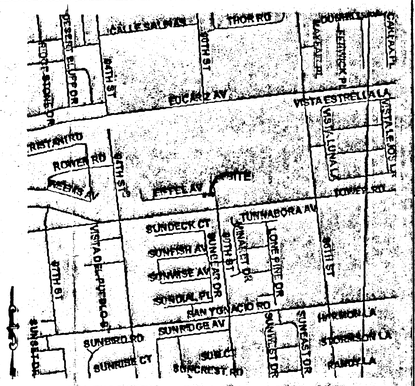
NOTICE TO CONTRACTOR

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE 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 WITHIN THE CITY RIGHT-OF-WAY SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH C.O.A. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986.
3. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 260-1990, 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 OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER SERVED.

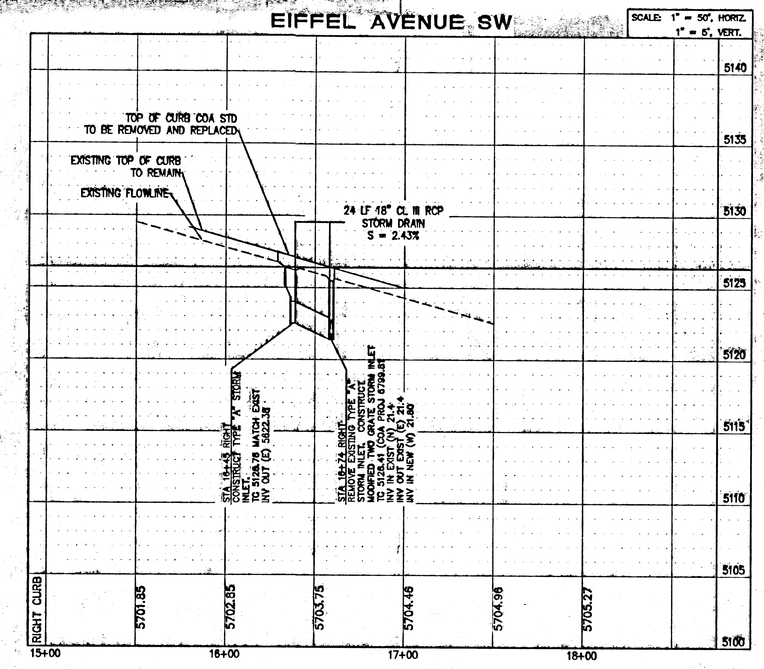
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

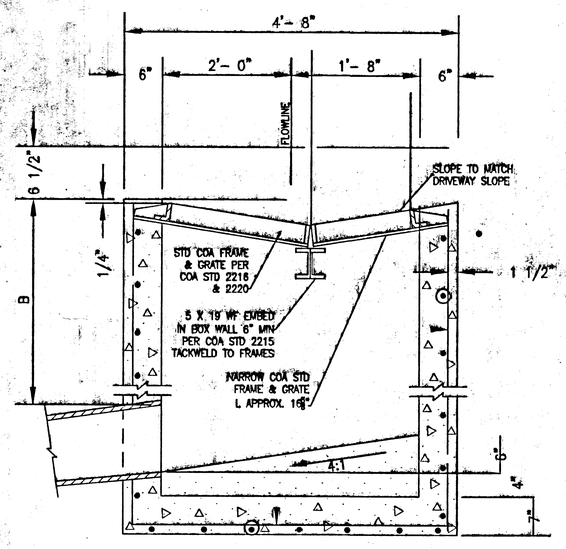
- ○ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☑ BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
- ○ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ○ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☑ IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ☑ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED, INSPECTED AND APPROVED PRIOR TO FINAL ACCEPTANCE.

APPROVALS	ENGINEERS	DATE	
A.C.E./DESIGN			
INSPECTOR			
A.C.E./FIELD			



VICINITY MAP ZONE ATLAS L-9





MODIFICATIONS TO TYPE A BOX

SURVEY INFORMATION
FIELD NOTES BY: DATE:
NO.

AS BUILT INFORMATION
CONTRACTOR DATE
WORK BEGUN
INSPECTOR'S ACCEPTANCE DATE
CONSTRUCTION COMPLETED
DATE
DATE
MICROFILM INFORMATION
DATE
RECORDED BY
DATE

BENCH MARKS
A.C.S. STA 7-L9 STD COA BRASS CAP LOCATED IN SW QUADRANT OF 98TH STREET AND TOWER ROAD SW.
ELEV 5175.735 (NGVD 1929)

ENGINEER'S SEAL
LAWRENCE D. READ
NEW MEXICO
9760
REGISTERED PROFESSIONAL ENGINEER
10/30/02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY LDR	DATE SEPT 2002
		DRAWN BY LDR	DATE SEPT 2002
		CHECKED BY LDR	DATE SEPT 2002

LARRY READ & ASSOCIATES, Inc.
Civil Engineers
4800-C Juan Tabo Blvd. NE
Albuquerque, New Mexico 87111
(505) 237-8421

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: THE TOWERS SUBDIVISION
STORM DRAIN MODIFICATIONS
PLAN AND PROFILE

LAST DESIGN DATE MO./DAY/YR. MO./DAY/YR.

PROJECT NO. MAP NO. L-9 SHEET 1 OF 1

BASIN RUNOFF SUMMARY

EXISTING CONDITION HYDROLOGY

Basin	Area (ac)	Land Treatment %A	%B	%C	%D	Qpeak (cfs) 10-yr	100-yr 6-hr	Volume (ac-ft) 10-yr 6-hr	100-yr 6-hr	100-yr 10-day
The Towers	22.77	100	0	0	0	5.5	12.9	0.152	0.835	0.835
Eldorado North	11.1	100	0	0	0	2.6	14	0.07	0.4	0.4
Colucci	17.44	100	0	0	0	4.2	22.5	0.116	0.641	0.641

FULLY DEVELOPED CONDITION HYDROLOGY

Basin	Area (ac)	Land Treatment %A	%B	%C	%D	Qpeak (cfs) 10-yr	100-yr 6-hr	Volume (ac-ft) 10-yr 6-hr	100-yr 6-hr	100-yr 10-day
The Towers	22.77	0	20	20	60	49.7	81	1.662	2.873	4.546
Eldorado North	11.1	0	34	20	46	21	36	0.7	1.2	1.8
Colucci	17.44	0	20	18	60	39.7	64.6	1.343	2.288	3.684

LEGEND

- 0.7% — APPROXIMATE STREET SLOPE
- SCHEMATIC OF PROPOSED STORM SEWER SYSTEM BY SAD
- DRAINAGE BASIN BOUNDARY
- A, Q= 6.8 cfs — 100-YR RUNOFF
- AREA DRAINAGE DIRECTION PER SAD
- 7 — SAD ANALYSIS POINT

N

SCALE: 1" = 100'

0 100 200 300

RECEIVED
DEC 12 2001
HYDROLOGY SECTION

5501 Jefferson 87109

Resource Technology, Inc.
Civil Engineering
Environmental Sciences
Water Resources
Landscape Architecture
Planning
1720 – B Randolph Road SE
Albuquerque, New Mexico 87106
E-mail: rti@rtinm.com
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: MASTER DRAINAGE PLAN
THE TOWERS, NORTH ELDORADO, & SANDIA SUNRISE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair			WATER		
TRANS. DEV.			WASTE WATER		
HYDROLOGY			TRAF. OPER.		
OTHER			OTHER		

PROJECT NO. | MAP NO. | SHEET 1 OF 2

AS BUILT INFORMATION
CONTRACTOR
SURVEYED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWING CORRECTED BY — DATE

BENCH MARKS
AGS 514 Z-19
GROUND TO GRID @ 0.999677727
NM STATE PLANE CO-ORD. SYST. CENTRAL ZONE
NAD 1927

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

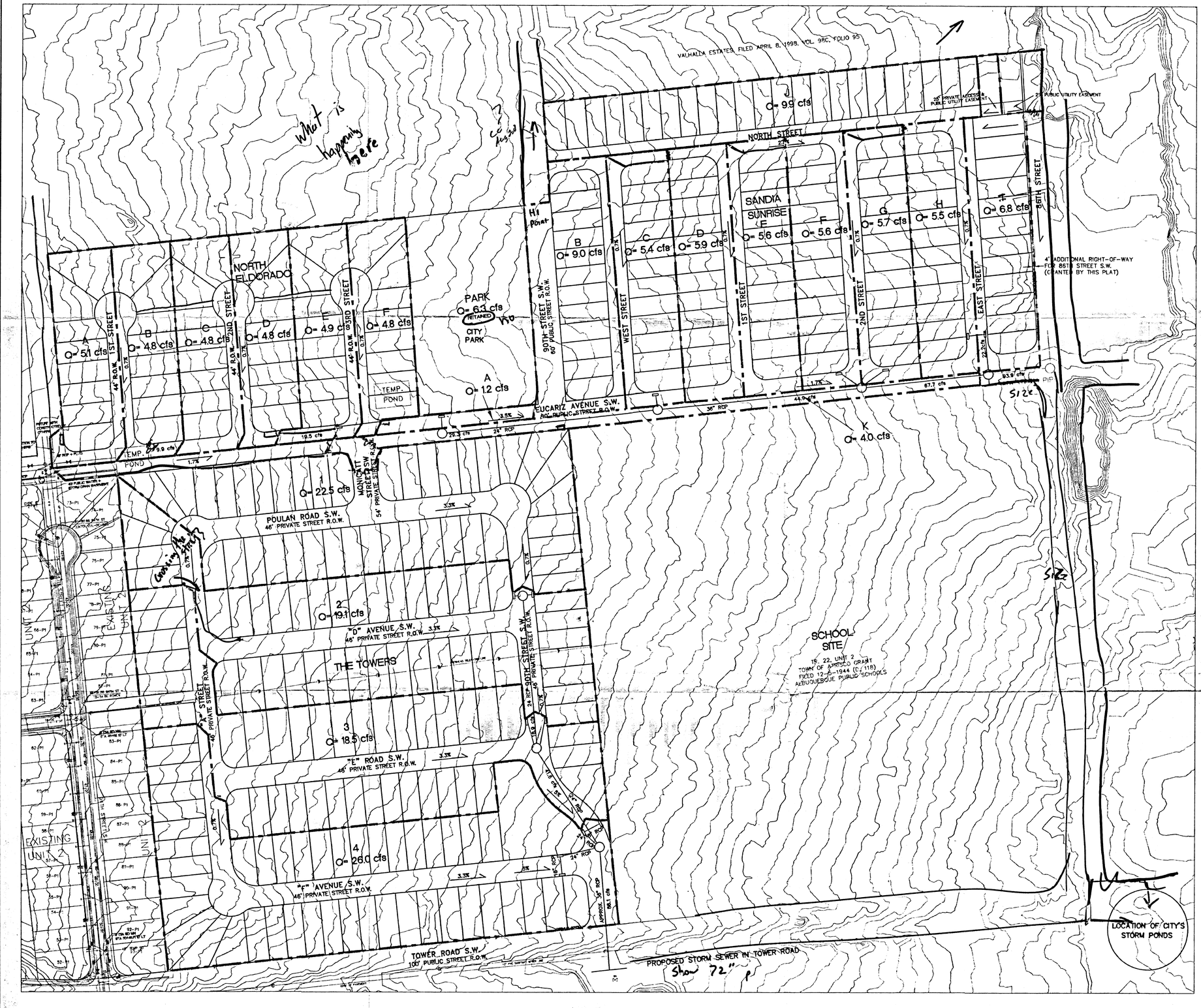
SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

N: 1478346.71
E: 359478.14
ELEV. 5135.735

ENGINEERS SEAL
JAIME PACHECO NEW MEXICO 14879 REGISTERED PROFESSIONAL ENGINEER
12-12-01

NO.	REMARKS	BY	DATE
	REVISIONS DESIGN		9/2001
		DESIGNED BY	DATE 9/2001
		DRAWN BY	DATE
		CHECKED BY	DATE

9865605393.dwg 9-27-01 2:57:38 pm EST


VALHALLA ESTATES, FILED APRIL 8, 1998, VOL. 98C, FOLIO 95
What is happening here
Hi point
NORTH ELDORADO
SANDIA SUNRISE
PARK
CITY PARK
RETAINED
TEMP. POND
A Q= 5.1 cfs
B Q= 4.8 cfs
C Q= 4.8 cfs
D Q= 4.8 cfs
E Q= 4.9 cfs
F Q= 4.8 cfs
A Q= 12 cfs
B Q= 9.0 cfs
C Q= 5.4 cfs
D Q= 5.9 cfs
E Q= 5.6 cfs
F Q= 5.6 cfs
G Q= 5.7 cfs
H Q= 5.5 cfs
J Q= 9.9 cfs
K Q= 4.0 cfs
Q= 6.8 cfs
Q= 6.1 cfs
1 Q= 22.5 cfs
2 Q= 19.1 cfs
3 Q= 18.5 cfs
4 Q= 26.0 cfs
NORTH STREET
1ST STREET
2ND STREET
3RD STREET
WEST STREET
EAST STREET
86TH STREET
90TH STREET S.W.
EUCARIZ AVENUE S.W.
POULAN ROAD S.W.
"D" AVENUE S.W.
"E" ROAD S.W.
"F" AVENUE S.W.
MONCRIEF STREET S.W.
SOUTH STREET S.W.
TOWER ROAD S.W.
THE TOWERS
SCHOOL SITE
TR. 22, UNIT 2
TOWN OF ATRISCO GRANT
FIXED 12-6-1944 (D. 118)
A/BUQUERQUE PUBLIC SCHOOLS
EXISTING UNIT 2
4' ADDITIONAL RIGHT-OF-WAY FOR 86TH STREET S.W. (GRANTED BY THIS PLAT)
LOCATION OF CITY'S STORM PONDS
PROPOSED STORM SEWER IN TOWER ROAD
Show 72"p
Q= 22.5 cfs
Q= 19.1 cfs
Q= 18.5 cfs
Q= 26.0 cfs
Q= 61.1 cfs
Q= 83.9 cfs
Q= 67.7 cfs
Q= 44.9 cfs
Q= 22.2 cfs
Q= 19.5 cfs
Q= 29.3 cfs
Q= 16.5 cfs
Q= 16.1 cfs
Q= 9.1 cfs
Q= 3.1 cfs
Q= 6.1 cfs
Q= 3.0