

HYDROLOGY CALCULATIONS

ALBUQUERQUE, NM DFM (JANUARY, 1993) CRITERIA - SIMPLE PROCEDURE
PRECIPITATION ZONE 2 - PER DFM 222

100 - YR Design Storm (P) Depth (in)
1hr 2.01 6hr 2.35 24hr 2.75 4day 3.30 10day 3.95

EXISTING CONDITIONS

TREATMENT	TRTMT	AREA	P6	Q	Q	V6	V24	V4day	V10day
CLASS	%	(AC)	(N/AC)	(CF8/AC)	(CF8)	(CF)	(CF)	(CF)	(CF)
B	45.23	1024	0.78	2.28	2.335	2899	2899	2899	2899
D	54.77	1240	2.12	4.70	5.828	3543	11343	13019	16745
TOTALS:	100	2264			8.163	12442	14242	16718	19644

PROPOSED CONDITIONS

TREATMENT	TRTMT	AREA	P6	Q	Q	V6	V24	V4day	V10day
CLASS	%	(AC)	(N/AC)	(CF8/AC)	(CF8)	(CF)	(CF)	(CF)	(CF)
B	58.70	0934	0.78	2.28	2.13	2644	2644	2644	2644
D	41.30	1330	2.12	4.70	6.25	10235	12166	14022	17960
TOTALS:	100	2264			8.38	12879	14810	17466	20604

LEGEND

- PROPERTY LINE
- 4958 - EXISTING CONTOUR
- 58 - PROPOSED CONTOUR
- NEW BUILDING
- EXISTING BUILDING
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- FLOW DIRECTION ARROW
- FL FLOWLINE
- FF FINISHED FLOOR
- FG FINISHED GRADE
- TC TOP OF CONCRETE
- (FV) FIELD VERIFY
- ROOF DRAIN
- PROPOSED CONCRETE PAVING

KEYED NOTES

- 1/8" PER FOOT MINIMUM SLOPE
- 4" THICK, 4000 PSI AIR-ENTRAINED CONCRETE SLAB ON SUBGRADE COMPACTED TO 95% OF MAXIMUM DENSITY REINFORCED WITH 6x6-W/4xW/4 W/WF.
- EXISTING CONCRETE SLAB TO REMAIN
- EXISTING SIDEWALK CULVERT TO REMAIN-REMOVE OBSTRUCTIONS AND DEBRIS
- NEW 12" WIDE SIDEWALK CULVERT PER CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2236



VICINITY MAP J-14

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FILE
Wells Park
C2-0.dwg

CITY OF ALBUQUERQUE
FAMILY AND COMMUNITY SERVICES DEPARTMENT

TITLE: WELLS PARK COMMUNITY CENTER ADDITIONS & ALTERATIONS
GRADING AND DRAINAGE PLAN

Design/Review Committee City Engineer Approval

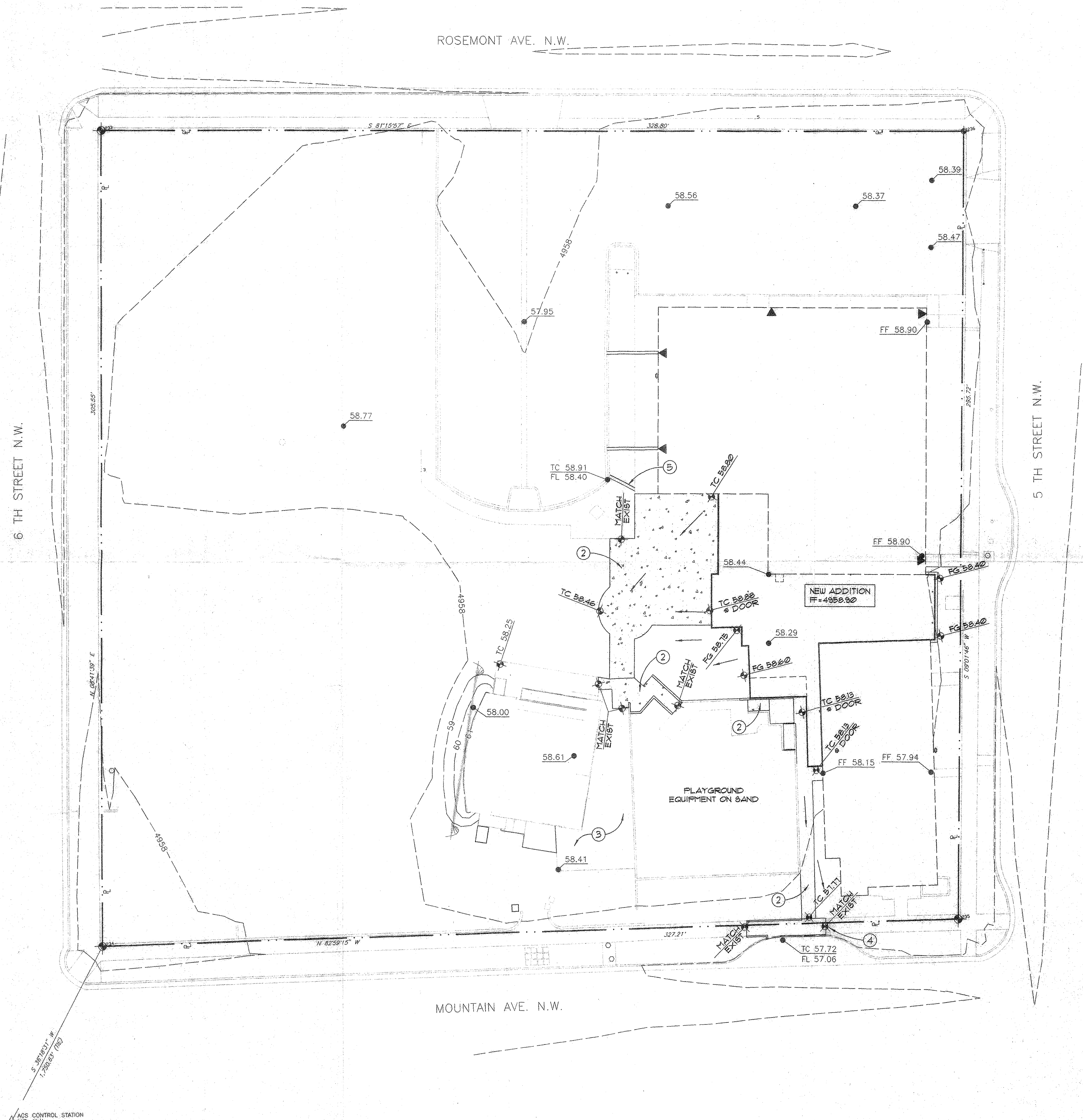
3.29.02

City Project No. 568502 Zone Map No. J-14-Z Sheet C-2.0

GRADING AND DRAINAGE PLAN



1"=20'



ACS CONTROL STATION
17-J14