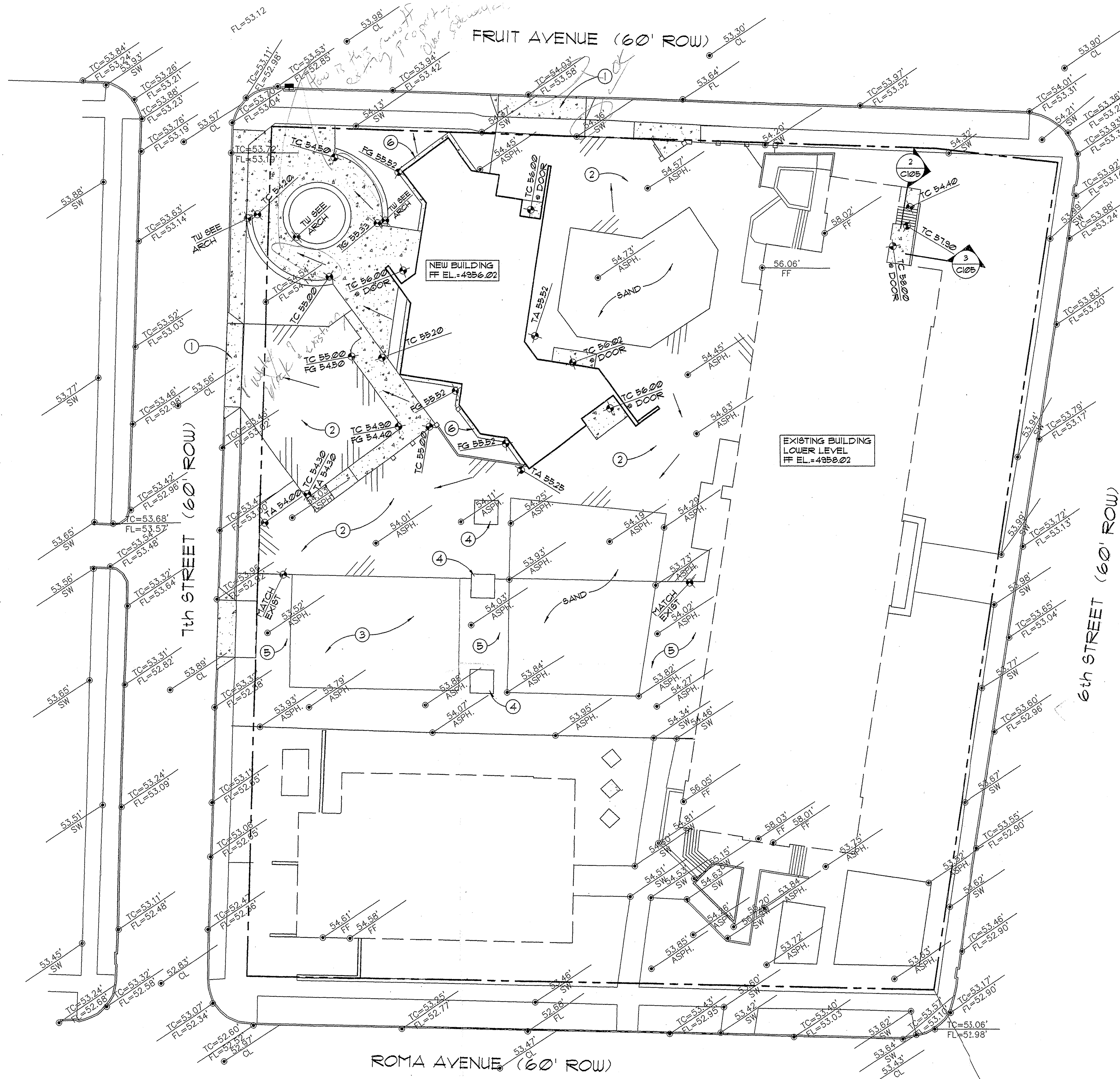




GRADING and DRAINAGE PLAN

LEGAL DESCRIPTION

ALL OF BLOCK 13, PERFECTO ARMIJO AND BROTHERS ADDITION, AN ADDITION TO THE CITY OF ALBUQUERQUE AS SHOWN AND DESIGNATED ON THE PLAT OF WHICH WAS FILED FOR RECORD IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON JULY 8, 1881 IN BOOK D, FOLIO 116, BEING A PORTION OF SECTION 17, TOWNSHIP 10 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, BERNALILLO COUNTY, NEW MEXICO.

PROJECT BENCHMARK

ALBUQUERQUE CONTROL STATION "4-J14" DATA: STANDARD ACS BRASS TABLET (FOUND IN PLACE) NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE) X=379591.81, Y=1481918.13, GROUND TO GRID FACTOR = 0.99961910, DELTA ALPHA = -00°13'53"

HYDROLOGY CALCULATIONS

ALBUQUERQUE, NM DPM (JANUARY, 1993) CRITERIA - SIMPLE PROCEDURE
PRECIPITATION ZONE 2 - PER DPM 22.2
100 - YR Design Storm (P) Depth (in)
1hr 6hr 24hr 4day 10day
2.01 2.35 2.75 3.30 3.95

EXISTING CONDITIONS		AREA	AREA	P6	Q	Q	Q	V6	V24	V4day	V10day
TREATMENT CLASS	(ACRE)	%	(IN/AC)	(CFS/AC)	(CFS)	(CF)	(CF)	(CF)	(CF)	(CF)	(CF)
A	0.00	0%	0.53	1.56	0.00	0	0	0	0	0	0
B	0.247	14%	0.78	2.28	0.56	699	699	699	699	699	699
C	0.194	11%	1.13	3.14	0.61	796	796	796	796	796	796
D	1.349	75%	2.12	4.70	6.34	10,381	12,340	15,033	18,216		
TOTALS	1.790	100%			7.51	11,876	13,835	16,529	19,711		

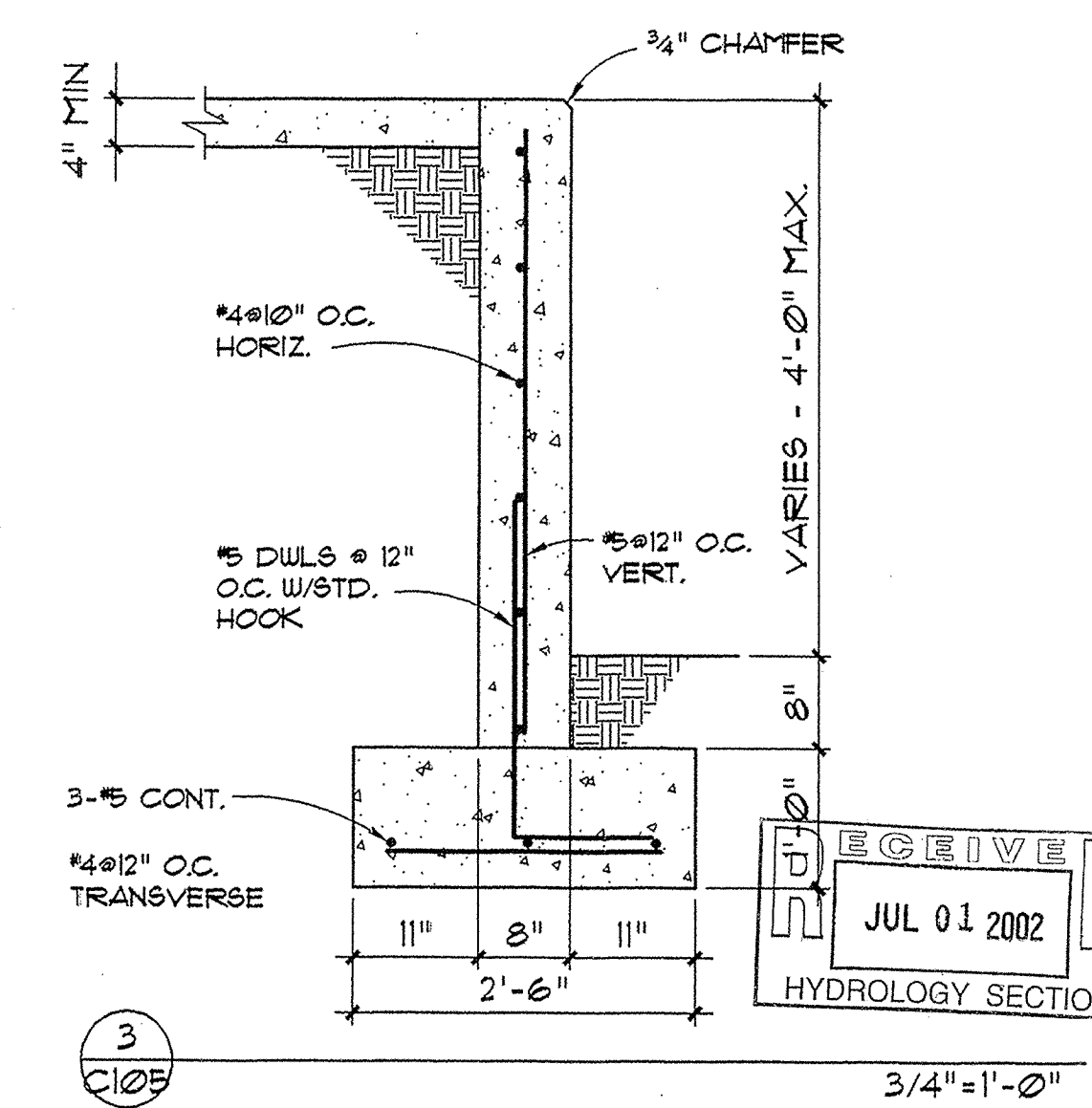
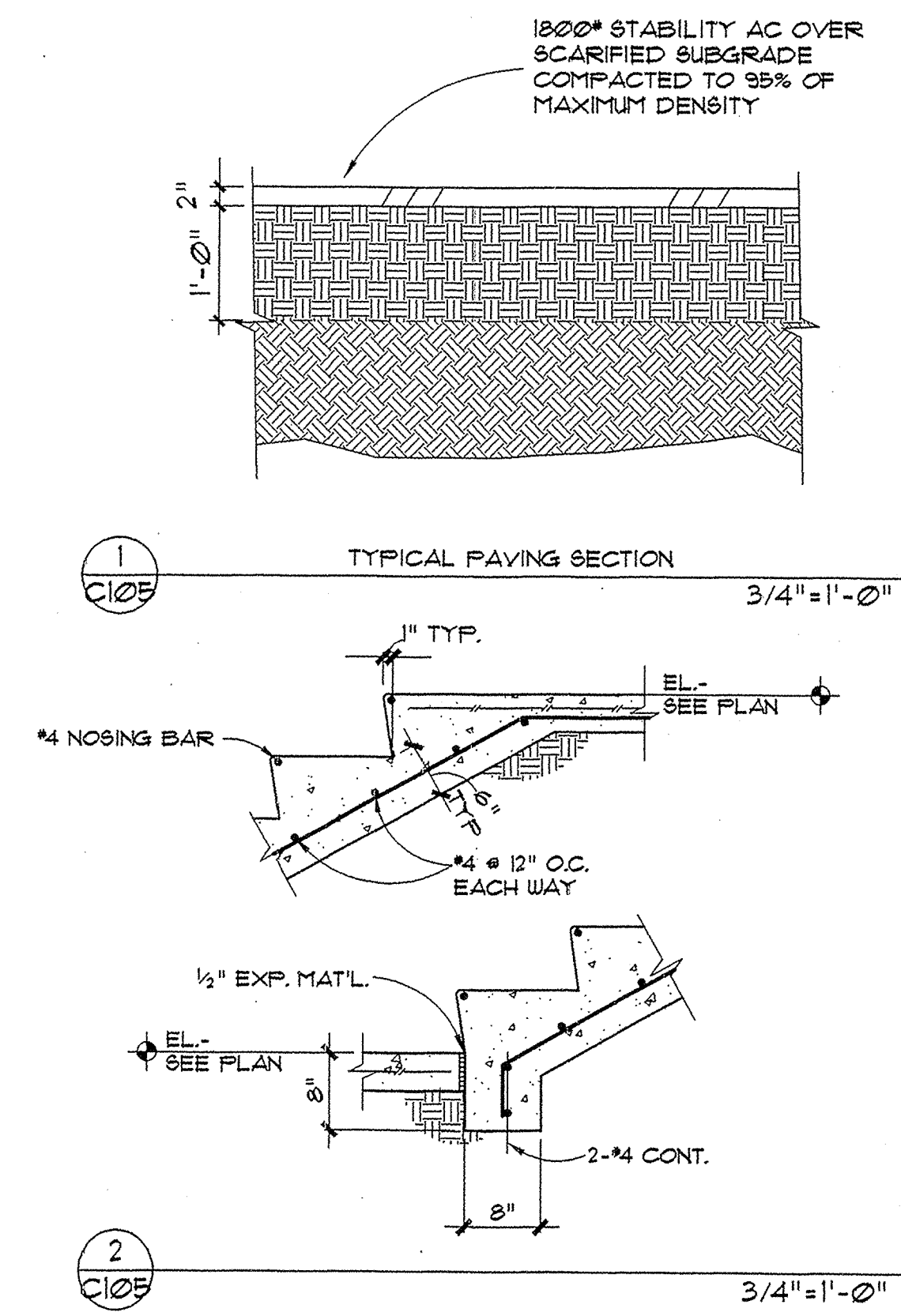
PROPOSED CONDITIONS		AREA	AREA	P6	Q	Q	Q	V6	V24	V4day	V10day
TREATMENT CLASS	(ACRE)	%	(IN/AC)	(CFS/AC)	(CFS)	(CF)	(CF)	(CF)	(CF)	(CF)	(CF)
A	0.00	0%	0.53	1.56	0.00	0	0	0	0	0	0
B	0.281	16%	0.78	2.28	0.64	796	796	796	796	796	796
C	0.078	4%	1.13	3.14	0.24	320	320	320	320	320	320
D	1.431	80%	2.12	4.70	6.73	11,012	13,090	15,947	19,324		
TOTALS	1.790	100%			7.61	12,128	14,206	17,063	20,439		

KEYED NOTES

- 1 CONCRETE DRIVEPAD PER CITY OF ALBUQUERQUE STANDARD DRAWING 2425
- 2 NEW ASPHALT CONCRETE PAVING SEE SECTION 1/C105
- 3 EXISTING CONCRETE BASKETBALL COURT TO REMAIN
- 4 NEW TREE WELL AT EXISTING TREES SEE ARCH.
- 5 EXISTING ASPHALT PAVING TO REMAIN
- 6 18" WIDE CONCRETE MOW STRIP SEE ARCH

LEGEND

- PROPERTY LINE
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- FLOW DIRECTION ARROW
- SWALE DIRECTION
- FF FINISHED FLOOR
- FG FINISHED GRADE
- TC TOP OF CONCRETE
- FL FLOWLINE
- TA TOP OF ASPHALT
- TW TOP OF WALL
- NEW CONCRETE PAVING
- NEW ASPHALT PAVING



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ALBUQUERQUE PUBLIC SCHOOLS
LEW WALLACE ELEMENTARY SCHOOL
PHASE 1
ADDITIONS & IMPROVEMENTS
ALBUQUERQUE, NEW MEXICO

DATE: 1 JULY, 2002
REVISIONS:

SHEET C 105 OF