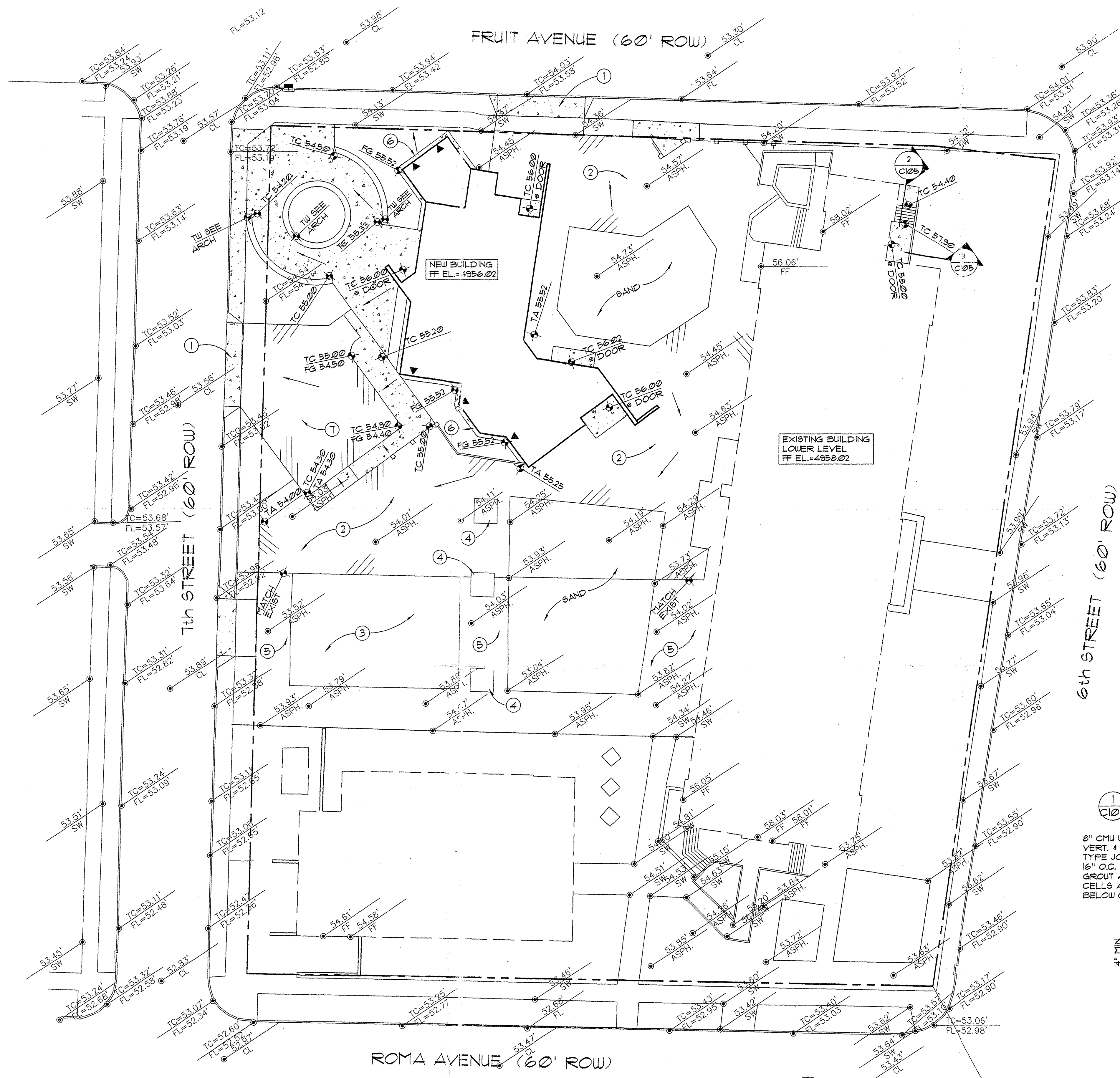




GRADING and DRAINAGE PLAN

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

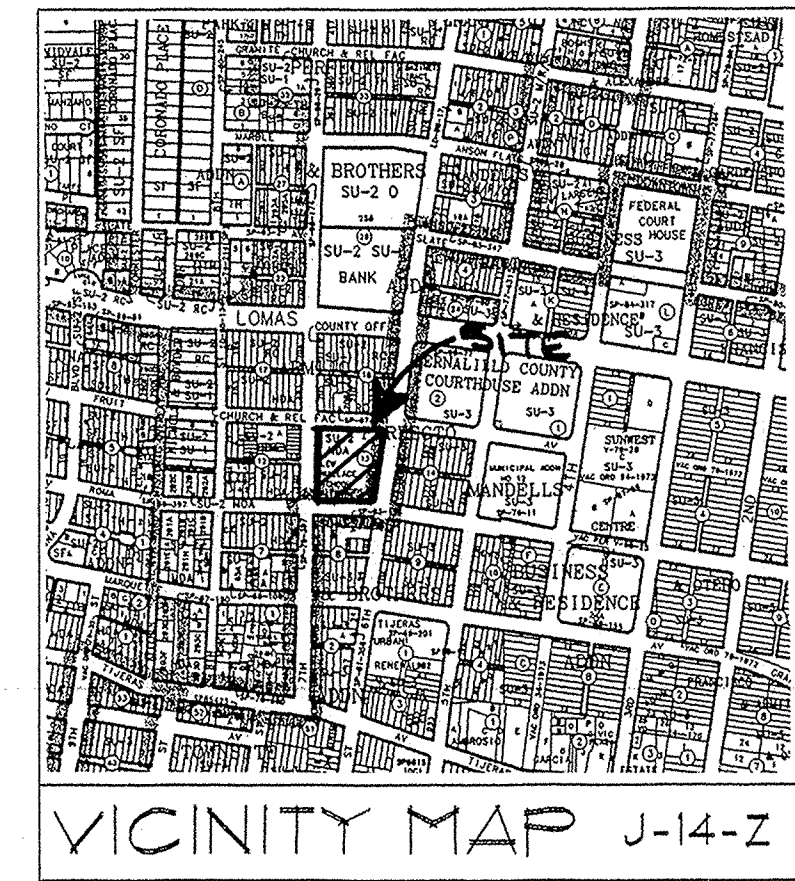
ALBUQUERQUE CONTROL STATION "4-J14" DATA: STANDARD ACS BRASS TABLET (FOUND IN PLACE) NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE) X=379597.01, Y=148718.13, GROUND TO GRID FACTOR = 0.99961910, DELTA ALPHA = -20'13'53"

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	TREATMENT CLASS	AREA (ACRE)	%	P6 (IN/AC)	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4day (CF)	V10day (CF)
A	0.00	0%	0.53	1.56	0.00	0	0	0	0	0
B	0.247	14%	0.78	2.28	0.56	699	699	699	699	699
C	0.194	11%	1.13	3.14	0.61	796	796	796	796	796
D	1.349	75%	2.12	4.70	6.34	10,381	12,341	15,033	18,216	18,216
TOTALS	1.790	100%			7.51	11,876	13,837	16,529	19,711	19,711

PROPOSED CONDITIONS	TREATMENT CLASS	AREA (ACRE)	%	P6 (IN/AC)	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4day (CF)	V10day (CF)
A	0.00	0%	0.53	1.56	0.00	0	0	0	0	0
B	0.281	16%	0.78	2.28	0.64	796	796	796	796	796
C	0.078	4%	1.13	3.14	0.24	320	320	320	320	320
D	1.431	80%	2.12	4.70	6.73	11,012	13,090	15,947	19,324	19,324
TOTALS	1.790	100%			7.61	12,128	14,207	17,063	20,439	20,439

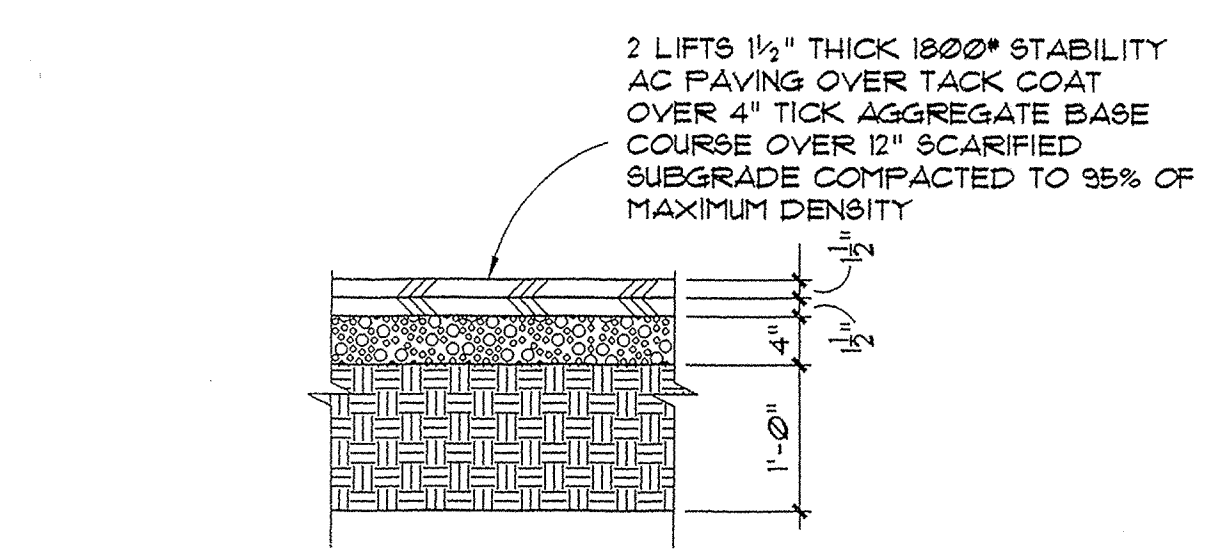
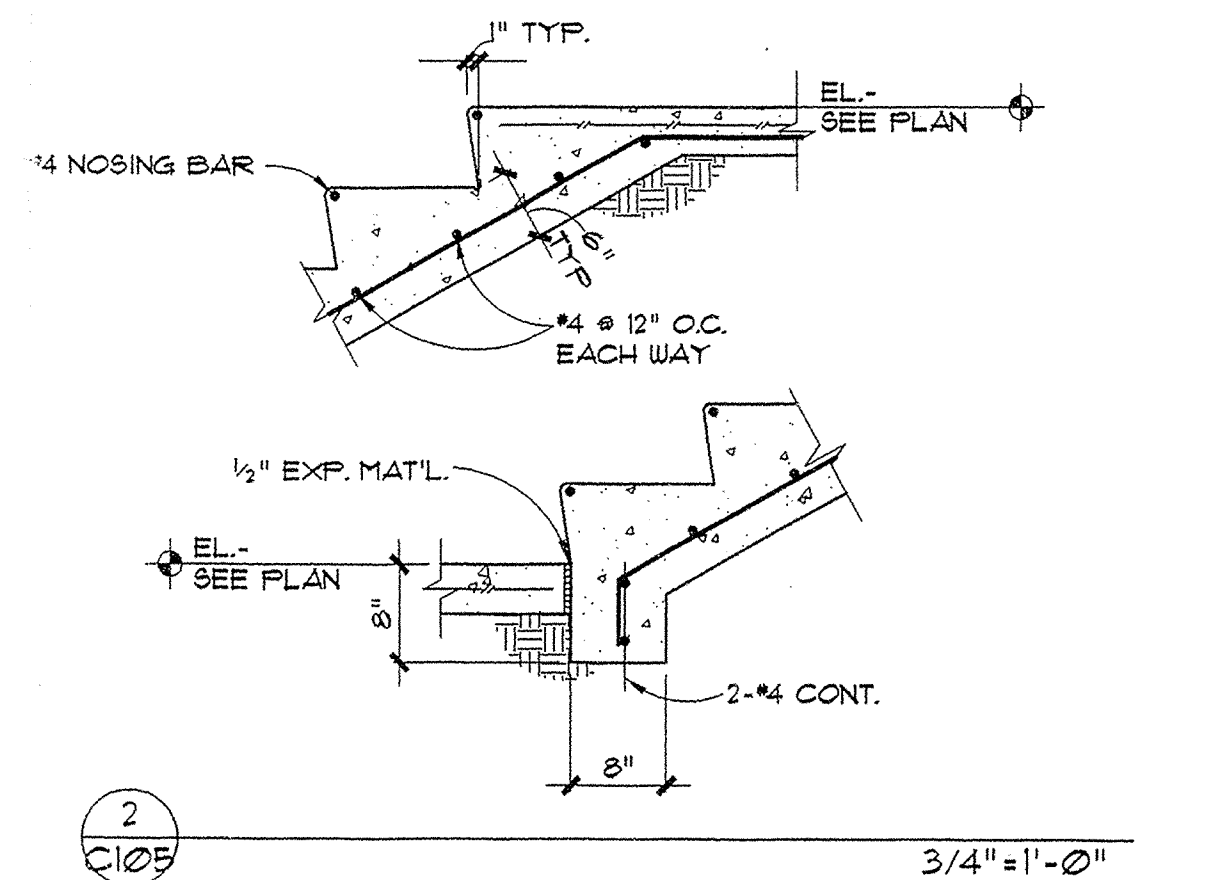
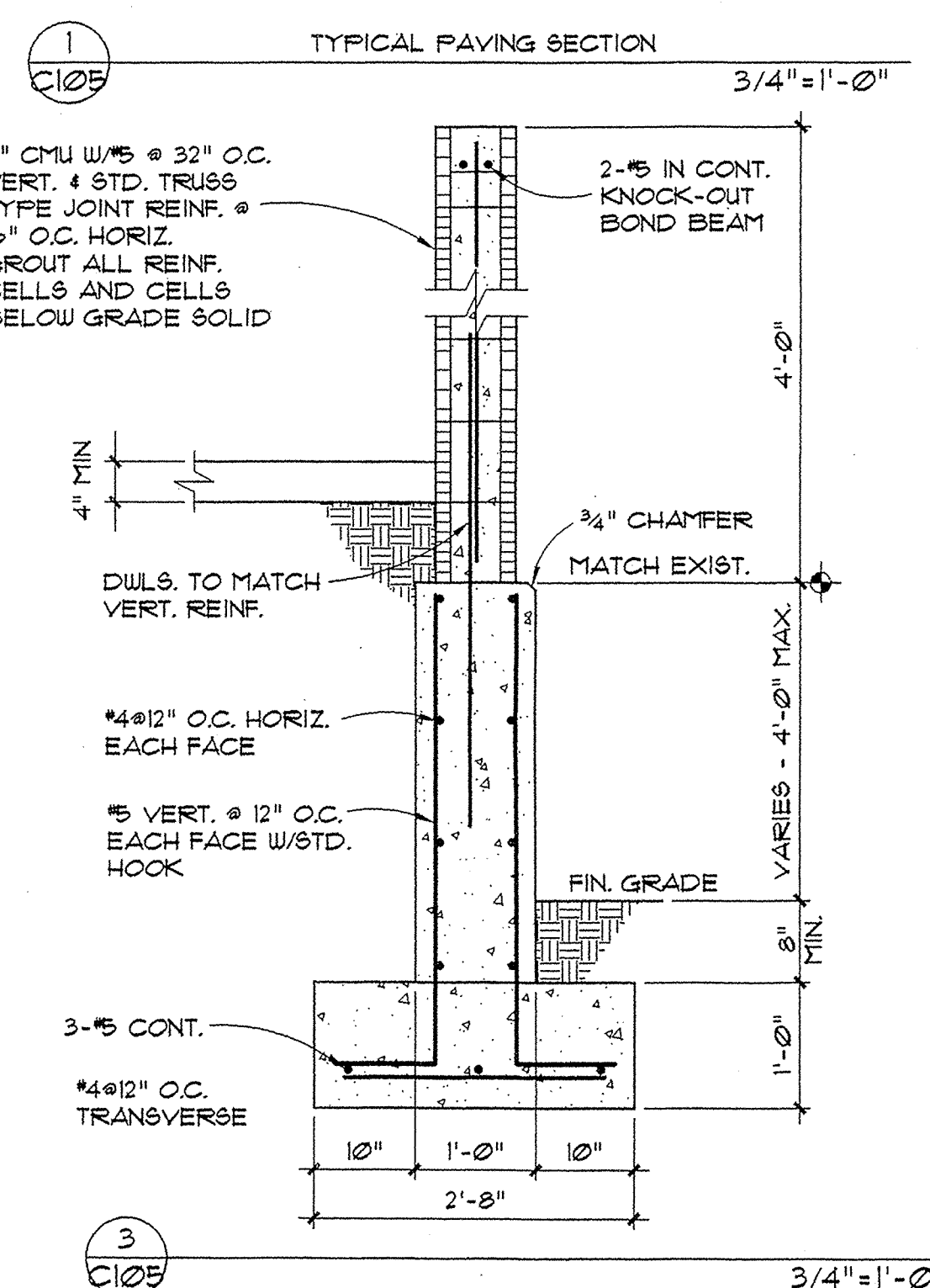
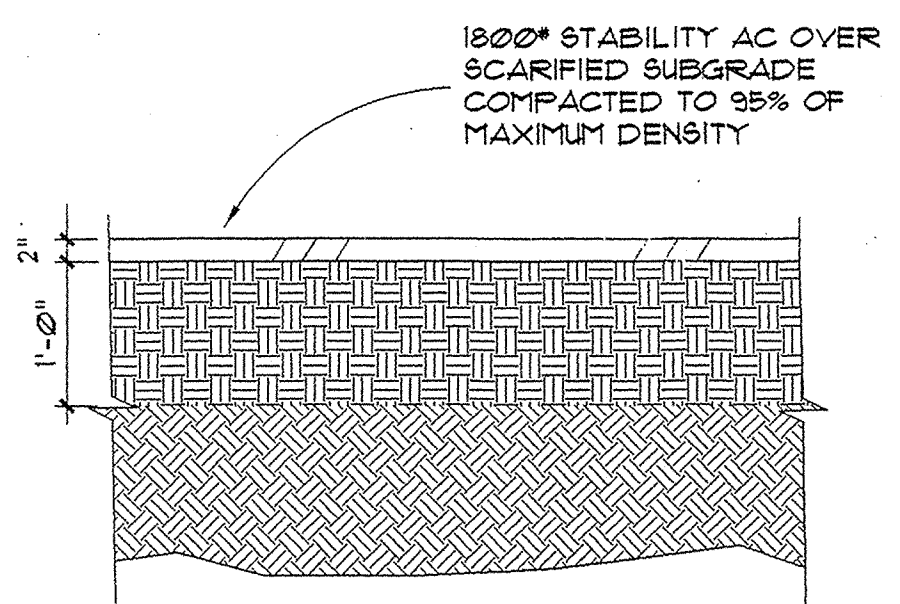


LEGEND

- 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
- ▲ ROOF DRAIN LOCATION

KEYED NOTES

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



WRIGHT AND HAMMER
ARCHITECTS
1735 ALISO DRIVE, N.E.
ALBUQUERQUE, N.M.
87110 505-266-6764

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

DATE:
1 JULY, 2002
REVISIONS:

SHEET
C
105
OF

Walla
ENGINEERING LTD
6100 Indian School Road NE, Suite 210
Albuquerque, New Mexico 87110
881-3008 • Facsimile 884-5390