

LEGEND

- 5200— EXISTING CONTOUR
- 52— PROPOSED CONTOUR
- ◆78.3 PROPOSED SPOT ELEVATION
- FLOW ARROW
- FF=6881.0 FINISH FLOOR ELEVATION
- SIDEWALK CULVERT
- TOP OF CURB ELEVATION
- PROPOSED RETAINING WALL
- TOP OF RETAINING WALL ELEVATION
- FLOWLINE ELEVATION
- TOP OF ASPHALT ELEVATION
- PHASE LINE

LEGAL DESCRIPTION: TRACT 1, BLACK ADDITION

AREA: 2.0427 ACRES

BENCHMARK: NM-367-1
NMSHC BRASS TABLET
ELEV = 5210.60

FLOOD ZONE DESIGNATION: NO PORTION OF THIS SITE LIES WITHIN A FLOOD PLAIN AS DESIGNATED ON PANEL 139 OF 825 OF THE FEMA FLOOD INSURANCE RATE MAPS DATED SEPTEMBER 20, 1996.

EXISTING CONDITIONS: THE NORTHEAST CORNER OF THIS SITE WAS PREVIOUSLY DEVELOPED FOR A FAST FOOD RESTAURANT. IT CONSISTS OF A 1,150 SF BUILDING WITH A LARGE PATIO, PARKING, AND LANDSCAPING. THE EXISTING IMPROVEMENTS, CONSTRUCTED ON IMPORTED FILL MATERIAL, SLOPE DOWN TO THE WEST AT AN APPROXIMATE 6:1 SLOPE TO MATCH THE UNDEVELOPED AREAS. THE UNDEVELOPED PORTIONS OF THE TRACT SLOPE WEST AT AN APPROXIMATE 3% SLOPE, CONVEYING 6.1 CFS TO THE BEAR ARROYO. THE SITE IS BORDERED BY SAN MATEO BLVD TO THE EAST, THE BEAR ARROYO TO THE NORTH, AND DEVELOPED COMMERCIAL TRACTS TO THE SOUTH AND WEST.

NO OFFSITE FLOWS ENTER THIS SITE.

EXISTING HYDROLOGY:

PRECIPITATION ZONE: 2
LAND TREATMENTS: 0.73 AC. TYPE A
0.76 AC. TYPE B
0.55 AC. TYPE D

$$Q_p = 0.73(1.56) + 0.76(2.28) + 0.55(4.70) = 6.1 \text{ CFS}$$

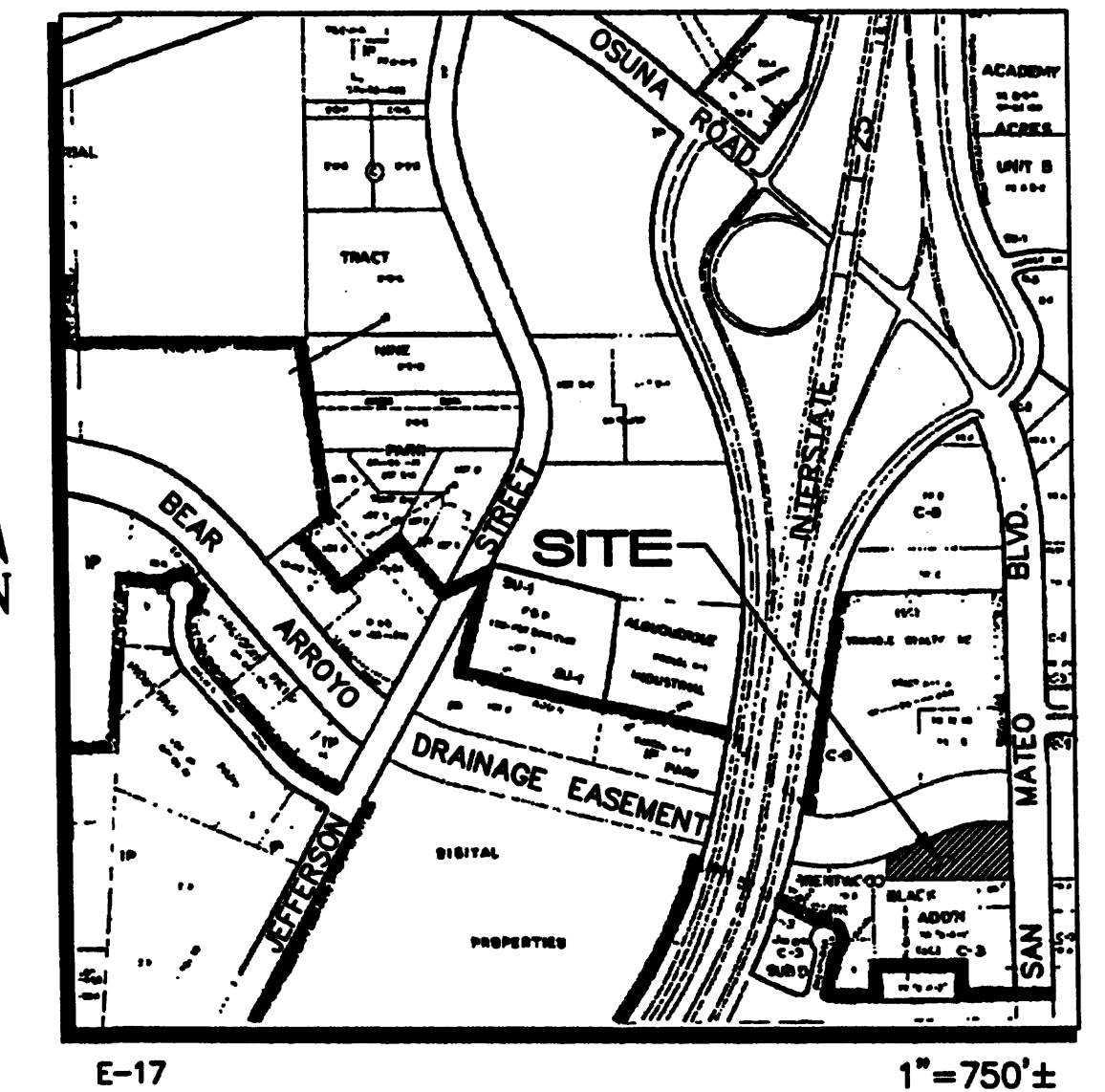
PROPOSED CONDITIONS: A SECOND, 2,280 SF BUILDING WILL BE ADDED SOUTH OF THE EXISTING BUILDING. ADDITIONAL PAVING FOR PARKING AND A DRIVE-THRU FOR THE NEW BUILDING, AND IMPROVEMENTS TO THE EXISTING PAVING AREA ARE ALSO ADDED. IMPORTED FILL RAISES THE SITE BEHIND THE EXISTING IMPROVEMENTS, AND A 3:1 SLOPE WILL TRANSITION TO THE EXISTING UNDEVELOPED AREA TO THE WEST. THE EXTRA FILL REQUIRES A RETAINING WALL BETWEEN THESE IMPROVEMENTS AND TRACT 3-A-1 TO THE SOUTH.

A RIPRAP RUNDOWN ON THE NORTH SIDE OF THE DRIVE ACCESS TO THE REAR OF THE TRACT DIRECTS 6.8 CFS OF STORM RUNOFF TO THE BEAR ARROYO. THE BEAR ARROYO HAS ADEQUATE CAPACITY TO ACCEPT THE ADDITIONAL 0.7 CFS OF STORM WATER FLOWS. A COVENANT & AGREEMENT FOR MAINTENANCE OF THE RUNDOWN ACCOMPANIES THIS SUBMITTAL.

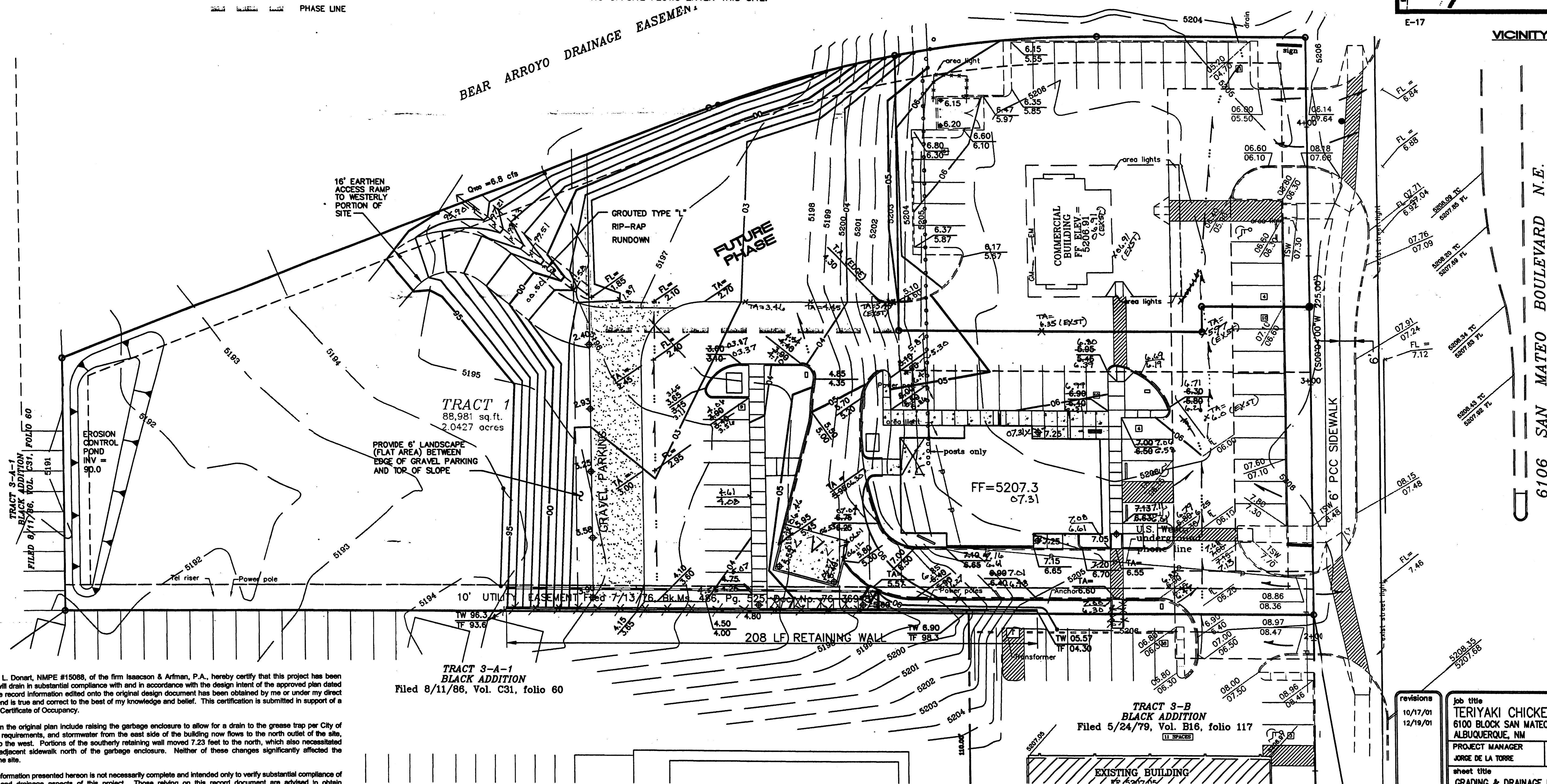
PROPOSED HYDROLOGY:

LAND TREATMENTS: 0.61 AC. TYPE A
0.25 AC. TYPE B
0.14 AC. TYPE C
1.03 AC. TYPE D

$$Q_p = 0.61(1.56) + 0.25(2.28) + 0.14(3.14) + 1.03(4.70) = 6.8 \text{ CFS}$$



VICINITY MAP



6106 SAN MATEO BOULEVARD N.E.

GENIEVE L. DONAT
NEW MEXICO
15088
12/15/03
Genevieve L. Donat

I, Genevieve L. Donat, NMPE #15088, of the firm Isaacson & Arfman, P.A., hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 12/20/01. The record information edited onto the original design document has been obtained by me or under my direct supervision and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for a Certificate of Occupancy.

Changes from the original plan include raising the garbage enclosure to allow for a drain to the grease trap per City of Albuquerque requirements, and stormwater from the east side of the building now flows to the north outlet of the site, rather than to the west. Portions of the southerly retaining wall moved 7.23 feet to the north, which also necessitated moving the adjacent sidewalk north of the garbage enclosure. Neither of these changes significantly affected the drainage of the site.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

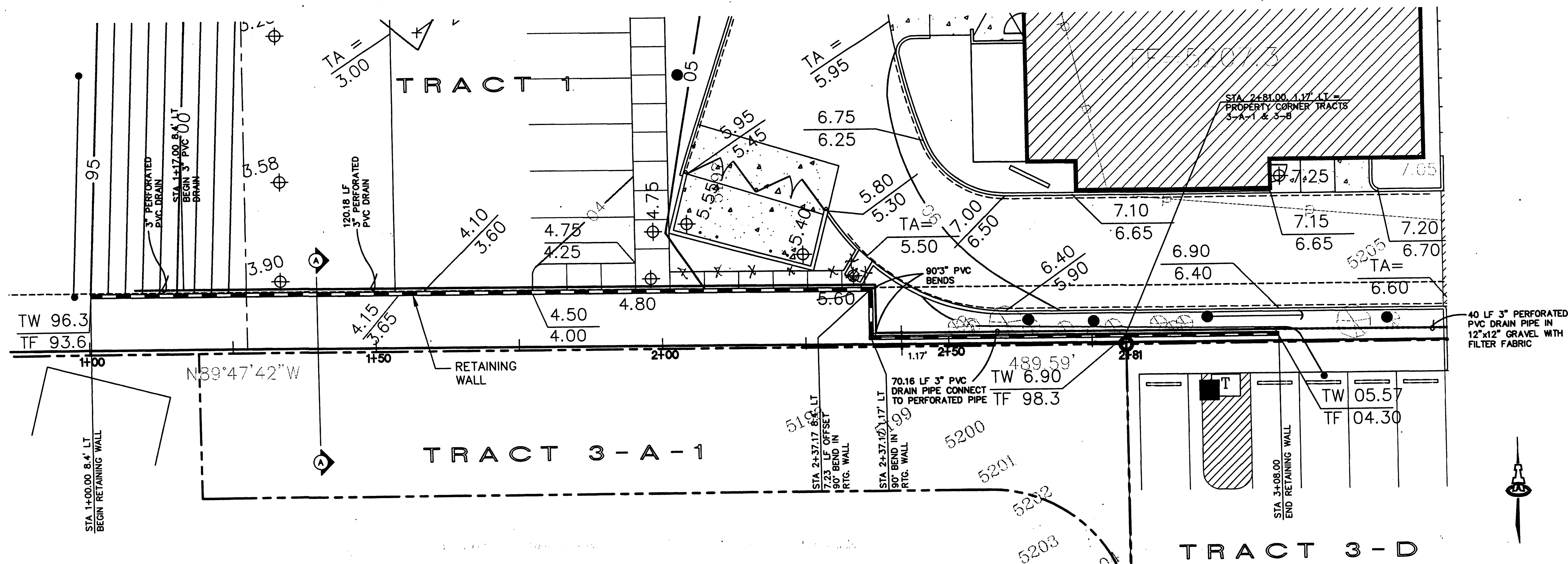
Genevieve L. Donat
NMPE #15088

7/15/03
Date

TRACT 3-B
BLACK ADDITION
Filed 5/24/79, Vol. B16, folio 117

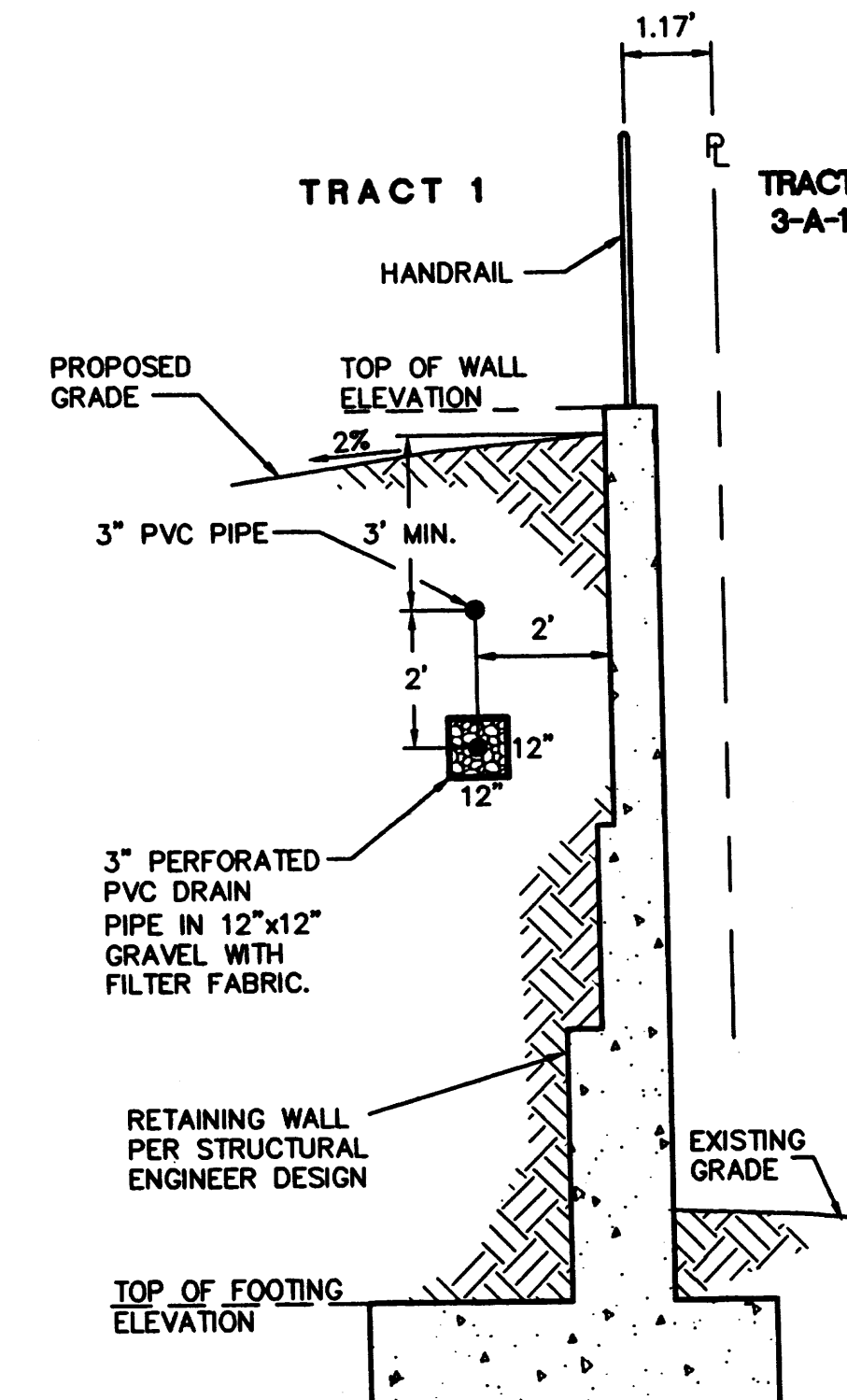
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
125GRD.DWG.kah 12/19/01

revisions		Job title		
10/17/01	12/19/01	TERIYAKI CHICKEN BOWL		
		6100 BLOCK SAN MATEO NE ALBUQUERQUE, NM		
		PROJECT MANAGER		
		JORGE DE LA TORRE	job no 20007	date 4/3/2000
		sheet title		by
		GRADING & DRAINAGE PLAN		
de la torre architects, p.a. d.a 2400 buelana blvd ne building 3 suite 110 albuquerque nm 87110 / 505-883-7918				sheet- C-1 of-



SOUTHERLY RETAINING WALL

SCALES:
1"=10' HOR.
1"=5' VERT.



SECTION A-A N.T.S.

NOTE:
BASELINE OF STATIONING IS THE SOUTH PROPERTY
LINE OF TRACT 1.

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
122 Monroe Street N.E.
Albuquerque, New Mexico 87102
125P2.DWG/ta 02/04/03

revisions
10/17/01
12/19/01
2/27/03

job title
TERYAKI CHICKEN BOWL
6100 BLOCK SAN MATEO NE
ALBUQUERQUE, NM
PROJECT MANAGER
JORGE DE LA TORRE
sheet title
SOUTHERLY RETAINING WALL

job no
2007
date
4/3/2000
by

GENEVEVE L. L. TORRE
NEW MEXICO
15388
REGISTERED PROFESSIONAL ENGINEER
2/27/03

de la torre architecte, p.a. ala
2400 Louisiana Blvd NE
building 3 suite 110
albuquerque nm 87110 / 505.883.798

sheet-
C-2
of-

