DRAINAGE PLAN

TRACT A, REPLAT OF LOTS 24 THRU 31, BLOCK 15
FRANCISCAN ADDITION

ZONE MAP H-14, BENCHMARK "NM47-13" ELEV.=4968.39
FLOOD MAP 22, SOIL TYPE "B"
FILE H14/ APPROVED _____

Hydrology

Existing:

Roof	= 1,772	x 0.90	= 1,595	
Conc & Asphalt	= 24,386	x 0.95	= 23,762	
	26,158		24,762	

C = 24,762 / 26,158 = 0.95
I = 2.2 x 2.3 = 5.06

Q = 0.6 x 5.06 x 0.95 = 2.88 CFS
CN = 96 DIRECT RUNOFF = 1.7"
V = 1.7/12 x 26,158 = 3,706 CF

Proposed:

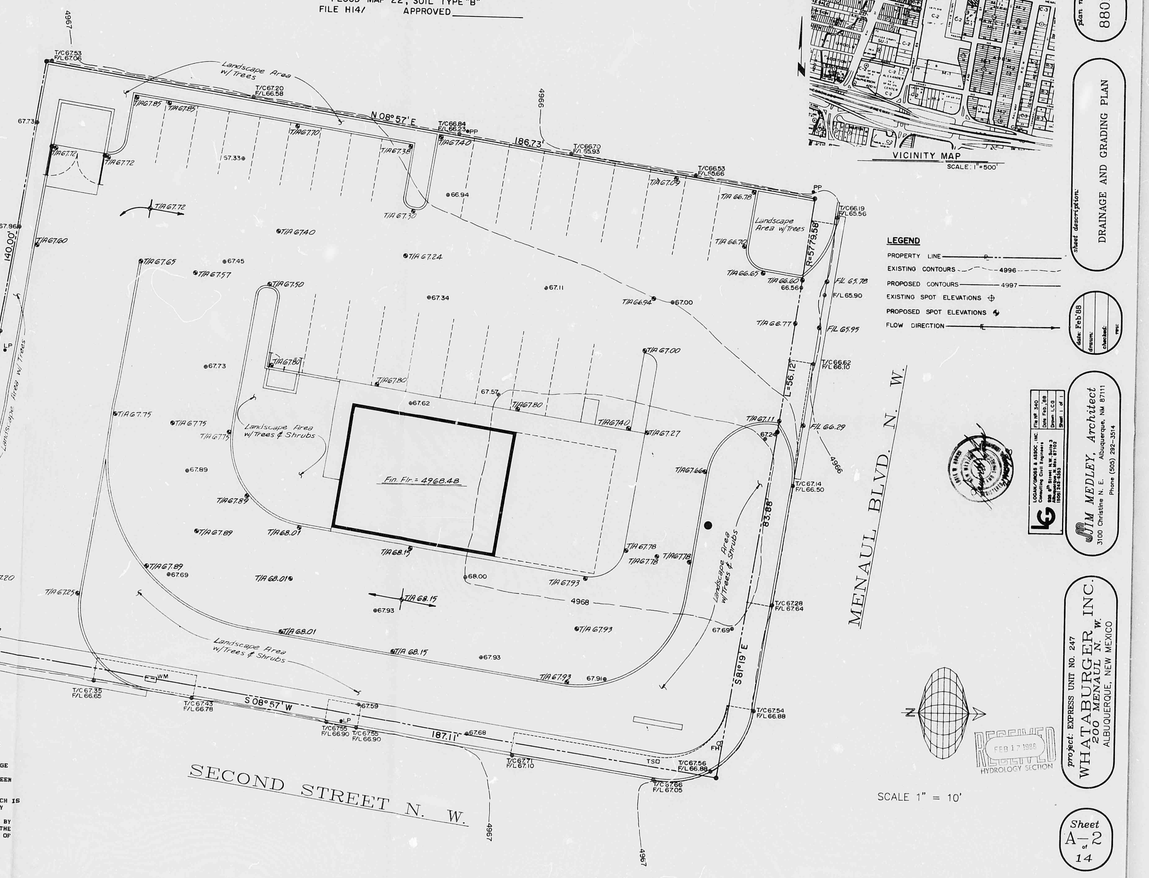
Roof	= 1,200	x 0.90	= 1,080	
Conc & Asphalt	= 19,138	x 0.95	= 18,181	
Landscape	= 5,820	x 0.25	= 1,455	
	26,158		20,716	

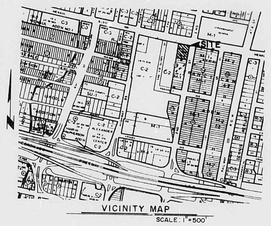
C = 20,716 / 26,158 = 0.79
I = 2.2 x 2.3 = 5.06

Q = 0.6 x 5.06 x 0.79 = 2.4 CFS
CN = 90 DIRECT RUNOFF = 1.3"
V = 1.3/12 x 26,158 = 2,834 CF

No Outside Water Enters this Tract.

NOTE:
Topography taken From Southwest Surveying Co., Inc. Sept 10, '87.





EROSION CONTROL NOTES:

THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLIANCE TO THE FOLLOWING:

1. NO SEDIMENT BEARING WATER SHALL BE ALLOWED TO DISCHARGE THE SITE DURING CONSTRUCTION.
2. DURING GRADING OPERATIONS AND UNTIL THE PROJECT HAS BEEN COMPLETED ALL ADJACENT PROPERTY, RIGHTS OF WAY, AND EASEMENTS, SHALL BE PROTECTED FROM FLOODING.
3. ANY AND ALL SEDIMENTATION ORIGINATING ON THE SITE WHICH IS DEPOSITED WITHIN PUBLIC RIGHT OF WAY SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
4. CONTROL OF SEDIMENT LADEN WATERS WILL BE ACCOMPLISHED BY THE USE OF A COMPACTED EARTH BERM AT LEAST 12" HIGH. THE BERM SHALL BE LOCATED ALONG THE DOWNSTREAM PERIMETERS OF THE PROPERTY.

LEGEND

PROPERTY LINE
EXISTING CONTOURS 4996
PROPOSED CONTOURS 4997
EXISTING SPOT ELEVATIONS +
PROPOSED SPOT ELEVATIONS
FLOW DIRECTION

Asbuilt description: DRAINAGE AND GRADING PLAN

plan no. 8801

Add'n, Prelim., Sketch, etc.

JIM MEDLEY, Architect
3100 Dorado Place, N.E. Albuquerque, NM 87111
Phone (505) 292-3614

project: EXPRESS UNIT NO. 247
WHATABURGER INC.
200 MENAUL, N.W.
ALBUQUERQUE, NEW MEXICO

Sheet A-2 of 14

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Karen Aiken
CITY CLERK RECORDER

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PLANS/PLATS ON FILE

FILE DESC: H-14/0058

PLANS/PLATS 1

F 30 D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D F