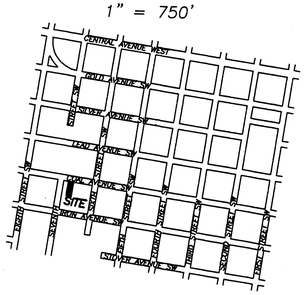
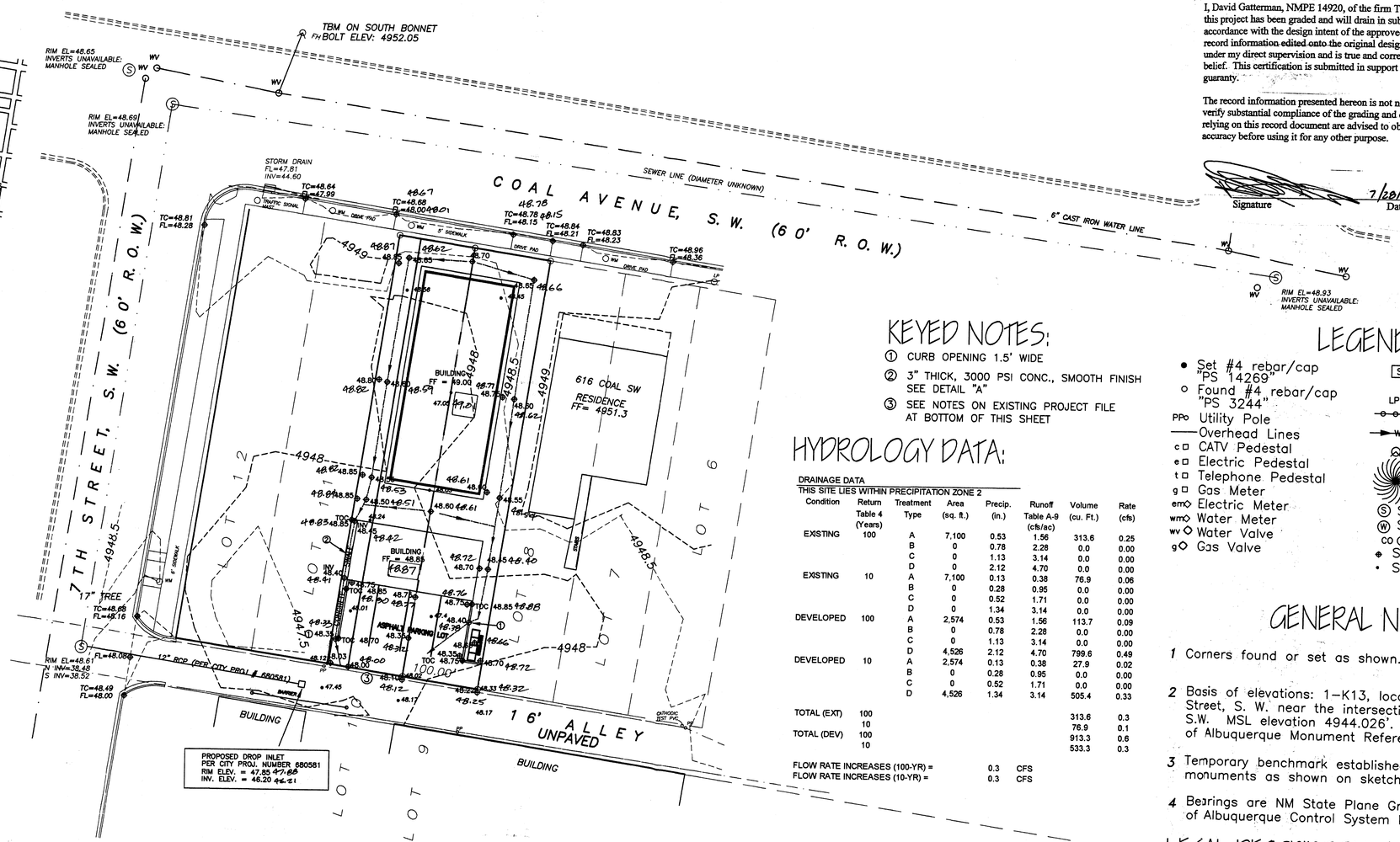
VICINITY MAP:

1" = 750'





DRAINAGE CERTIFICATION

I, David Gatterman, NMPE 14920, of the firm TGC Engineering Inc., 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 8-05-02. 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 release of financial guaranty.

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.

Signature 7/28/03 Date

DAVID GATTERMAN NEW MEXICO 14920 REGISTERED PROFESSIONAL ENGINEER

KEYED NOTES:

1. CURB OPENING 1.5' WIDE
2. 3" THICK, 3000 PSI CONC., SMOOTH FINISH SEE DETAIL "A"
3. SEE NOTES ON EXISTING PROJECT FILE AT BOTTOM OF THIS SHEET

HYDROLOGY DATA:

DRAINAGE DATA
THIS SITE LIES WITHIN PRECIPITATION ZONE 2

Condition	Return Table 4 (Years)	Treatment Type	Area (sq. ft.)	Precip. (in.)	Runoff Table A-9 (cfs/ac)	Volume (cu. Ft.)	Rate (cfs)
EXISTING	100	A	7,100	0.53	1.56	313.6	0.25
		B	0	0.78	2.28	0.0	0.00
		C	0	1.13	3.14	0.0	0.00
		D	0	2.12	4.70	0.0	0.00
EXISTING	10	A	7,100	0.13	0.38	76.9	0.06
		B	0	0.28	0.95	0.0	0.00
		C	0	0.52	1.71	0.0	0.00
		D	0	1.34	3.14	0.0	0.00
DEVELOPED	100	A	2,574	0.53	1.56	113.7	0.09
		B	0	0.78	2.28	0.0	0.00
		C	0	1.13	3.14	0.0	0.00
		D	4,526	2.12	4.70	799.6	0.49
DEVELOPED	10	A	2,574	0.13	0.38	27.9	0.02
		B	0	0.28	0.95	0.0	0.00
		C	0	0.52	1.71	0.0	0.00
		D	4,526	1.34	3.14	505.4	0.33
TOTAL (EXT)	100					313.6	0.3
	10					76.9	0.1
TOTAL (DEV)	100					913.3	0.6
	10					533.3	0.3

FLOW RATE INCREASES (100-YR) = 0.3 CFS
FLOW RATE INCREASES (10-YR) = 0.3 CFS

LEGEND:

- Set #4 rebar/cap "PS 14269"
- Found #4 rebar/cap "PS 3244"
- PPo Utility Pole
- Overhead Lines
- c Pedestal CATV Pedestal
- e Pedestal Electric Pedestal
- t Pedestal Telephone Pedestal
- g Meter Gas Meter
- em Electric Meter
- wm Water Meter
- wv Water Valve
- g Gas Valve
- SD Storm Drain Catch Basin
- LPO Light Pole
- Fence
- W Arroyo or watercourse
- FH Fire Hydrant
- Tree
- S Sanitary Sewer Manhole
- W Storm Sewer Manhole
- co Sewer Cleanout
- Spot Elevation (Proposed)
- Spot Elevation (Existing)

GENERAL NOTES:

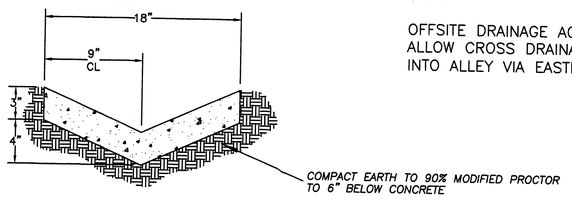
1. Corners found or set as shown.
2. Basis of elevations: 1-K13, located at Eighth Street, S. W. near the intersection of Stover Avenue, S.W. MSL elevation 4944.026'. Obtained from City of Albuquerque Monument Reference.
3. Temporary benchmark established on top of monuments as shown on sketch.
4. Bearings are NM State Plane Grid, based upon City of Albuquerque Control System Monuments.

LEGAL DESCRIPTION / FLOOD NOTE

Lots numbered Nine (9) and Ten (10), in Block lettered "X" of the ATLANTC AND PACIFIC ADDITION, to the City of Albuquerque, Bernalillo County, New Mexico, as the same are shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mxico, on April 24, 1888, in Volume C, folio 154.

The above described property is located within Zone x (no hazard) Community Panel No. 350002 0334 D, dated Sept. 20, 1996, and is not located within a Special Flood Hazard Boundary indicated by FEMA Flood Insurance Rate Maps. Determination of Flood Hazard is by graphic plotting only.

SITE DESIGNED TO CITY PROJECT NUMBER 680581 FOR HIBERIAN HOUSE SENIOR HOUSING.
PROJECT ENGINEER: MIKE WALLA, WALLA ENGINEERING, LTD.
PROJECT 680581 INCLUDES THE PAVING OF THE ALLEY FROM 6TH ST. TO 7TH ST
CONSTRUCTION OF A DROP INLET AND STORM SEWER CONNECTING TO EXISTING IN 7TH ST.
PROPOSED ELEVATIONS ALONG SOUTH LOT LINE ARE FROM PROJECT NUMBER 680581.



DETAIL "A"
TYPICAL CROSS-SECTION
CONCRETE SWALE

OFFSITE DRAINAGE ACCEPTED FROM LOT 8. SITE WILL ALLOW CROSS DRAINAGE ONTO LOT 9 THEN INTO ALLEY VIA EASTERN DRAINAGE PATHWAY.

DAVID GATTERMAN NEW MEXICO 14920 REGISTERED PROFESSIONAL ENGINEER 7/28/02

SCALE: 1" = 20'

40 30 20 10 0 20 40

DRANAGE AND GRADING PLAN
Vacant Land – Coal Ave. SW
Lots 9 & 10, Block X, Atlantic & Pacific Addition
FOR: Ostrowski

TGC ENGINEERING, INC. (505)266-7256 Fax: (505) 255-2887
330 LOUISIANA BLVD. NE
ALBUQUERQUE, NM 87108

RECEIVED JUL 28 2003 HYDROLOGY SECTION