

#### LEGEND

- 4958 - EXISTING INDEX CONTOURS © 5 FT. INTERVALS

EXISTING CONTOURS @ 1 FT. INTERVALS

— 56— PROPOSED CONTOURS @ 1.0' INTERVALS

PROPOSED SPOT ELEVATION

EXISTING SPOT ELEVATION

---- - - FLOW LINE

PROPOSED RETAINER

TO TOP OF CONCRETE

FL FLOW LINE

SW TOP OF SIDEWALK

RIM RIM OF MANHOLE

# BENCH MARK

BENCH MARK IS ACS MONUMENT "6-K20-R" LOCATED ON THE WSW CURB RETURN OF CENTRAL AVENUE, SE AND WYOMING BOULEVARD, SE NGVD 1929 ELEVATION: 5390.736

#### OFFSITE FLOW INFORMATION

OFFSITE CONTRIBUTORY FLOW TO THE PROPERTY IS NEGLIGIBLE.

## DRAINAGE NOTES:

- ROOF DRAINAGE CONVEYED TO NORTH AND SOUTH PARKING LOTS VIA GUTTER AND DOWNSPOUT. SEE ROOF PLAN FOR LOCATIONS.
- ALL ELEVATIONS GIVEN ARE TO TOP OF PROPOSED GRADE

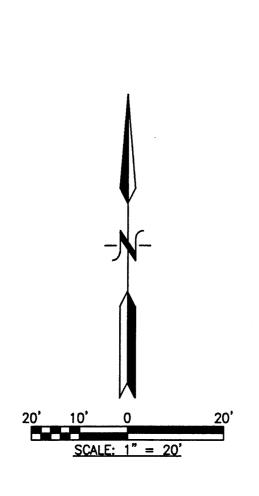
### NOTICE TO CONTRACTOR

PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN ARE TO FINISH SURFACES AND ARE PROVIDED FOR THE PURPOSE OF SHOWING FLOW ROUTING.

CONTRACTOR IS RESPONSIBLE FOR THE ABATEMENT OF SEDIMENT ONTO ADJOINING PUBLIC RIGHTS-OF-WAY DURING CONSTRUCTION AND FOR THE REMOVAL OF ANY SEDIMENT DEPOSITED IN PUBLIC RIGHT-OF-WAY.

CONTRACTOR SHALL OBTAIN A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO ANY GRADING OR CONSTRUCTION.

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN EPA NPDES, PHASE 2 PERMIT.



LOT 20

LOT 19

( S 89° 15' 00" E

S\88' 57' 58" E

( 135.00'

NEW LANDSCAPING

135.00'

# LEGAL DESCRIPTION / FLOOD NOTE

The East One—Half of Lot lettered "A", The East One—Half of Lot numbered Six (6), all of Lots Seven (7) through Eleven (11) inclusive and all of Lots Thirty—two (32) through Thirty—nine (39) inclusive, in Block numbered One (1), of MESA VERDE, a subdivision in Albuquerque, Bernalillo County, New Mexico, as the same are shown and designated on the Subdivision Plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico, on November 17, 1939, in Volume C, folio 38.

The above described property is located within Zone <u>x (no hazard)</u>, Community Panel No. <u>350002 0358 E</u>, dated <u>April 2, 2002</u>, 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. NOTE: Central Avenue floods (Zone AO, Depth 1 foot)

#### DRAINAGE CONCEPT:

THIS SITE CURRENTLY FREE DISCHARGES TO CENTRAL AND RHODE ISLAND, DEPENDING ON LOCATION WITHIN THE SITE. THE PROPOSED DRAINAGE CONCEPT IS TO CONTINUE TO FREE DISCHARGE DRAIN TO CENTRAL AND RHODE ISLAND. THE NORTHERN 3/4 OF THE SITE WILL DISCHARGETO RHODE ISLAND AVE. VIA A SERIES OF SWALES THAT LEAD TO THE NORTH DRIVEWAY ENTRANCE OFF OF RHODE ISLAND AVE. THE SOUTHERN 1/4 OF THE SITE WILL DRAIN TO CENTRAL AVE. VIA SURFACE DRAINAGE THRU THE WESTERN DRIVEWAY OPENING. BUILDING ROOF DRAINAGE WILL BE CONVEYED TO THE PARKING LOT VIA ROOF GUTTERS AND DRAINS. LOCATIONS OF ROOF DRAINS ARE IDENTIFIED WITHIN THE ARCHITECTURAL PLAN SET. ALL LANDSCAPE ISLANDS WILL BE RECESSED TO ACCOMODATE RAINWATER HARVESTING DURING RAIN EVENTS.

NOTE:
DUE TO A LACK OF SITE RELIEF, PROPOSED CONTOUR LINES HAVE NOT BEEN ADDED. RATHER,
SPOT ELEVATIONS HAVE BEEN ADDED TO SHOW FINISHED GRADES.

DRAINAGE DATA

THIS SITE LIE	S WITHIN	<b>PRECIPITA</b>	TION ZONE	3			
	Storm	Treatment	Treatment	Excess	Peak	Runoff	Runoff
Condition	Return	Type	Area	Precip.	Runoff	Volume	Rate
	Period,		(sq. ft.)	Table A-8	Table A-9	(cu. Ft.)	(cfs)
	Table 4			(in.)	(cfs/ac)		
	(Years)						
EXISTING	100	Α	0	0.66	1.87	0.0	0.00
		В	0	0.92	2.60	0.0	0.00
		С	12,657	1.29	3.45	1,360.6	1.00
		D	37,971	2.36	5.02	7,467.6	4.38
EXISTING	10	Α	0	0.19	0.58	0.0	0.00
		В	0	0.36	1.19	0.0	0.00
		С	12,657	0.62	2.00	653.9	0.58
		D	37,971	1.50	3.39	4,746.4	2.96
DEVELOPED	100	Α	0	0.66	1.87	0.0	0.00
		В	5,604	0.92	2.60	429.6	0.33
		С	0	1.29	3.45	0.0	0.00
		D	45,054	2.36	5.02	8,860.6	5.19
DEVELOPED	10	Α	0	0.19	0.58	0.0	0.00
		В	5,604	0.36	1.19	168.1	0.15
		С	0	0.62	2.00	0.0	0.00
		D	45,054	1.50	3.39	5,631.8	3.51
TOTAL (EVT)	100					0.000.0	<i>r</i> 4
TOTAL (EXT)	100					8,828.3	5.4
TOTAL (DEV)	10					5,400.3	3.5
TOTAL (DEV)	100					9,290.3	5.5
	10					5,799.9	3.7

FLOW RATE INCREASES OF 0.1 CFS AND 0.2 CFS FOR THE 100-YEAR AND 10 YEAR STORMS MAY BE EXPECTED. THE 6-HOUR RUNOFF VOLUMES WILL INCREASE BY 462 CUBIC FEET FOR THE 100-YEAR STORM & 399.6 CUBIC FEET FOR THE 10-YEAR STORM.

DISCHARGE TO RHODE ISLAND AVE. = 4.1 CFS, 100-YR STORM EVENT DISCHARGE TO CENTRAL AVE. = 1.4 CFS, 100-YR STORM EVENT

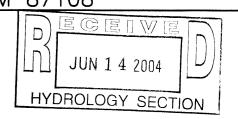
I, DAVID GATTERMAN, NEW MEXICO REGISTERED PROFESSIONAL ENGINEER NO. 14920, DO HEREBY CERTIFY THAT I INSPECTED THIS SITE ON MAY 28, 2004, AND THAT, AS OF THAT DATE, THERE HAD BEEN NO RECENT ALTERATION OF GRADE OR EVIDENCE OF GRADING OPERATIONS ON THIS SITE.

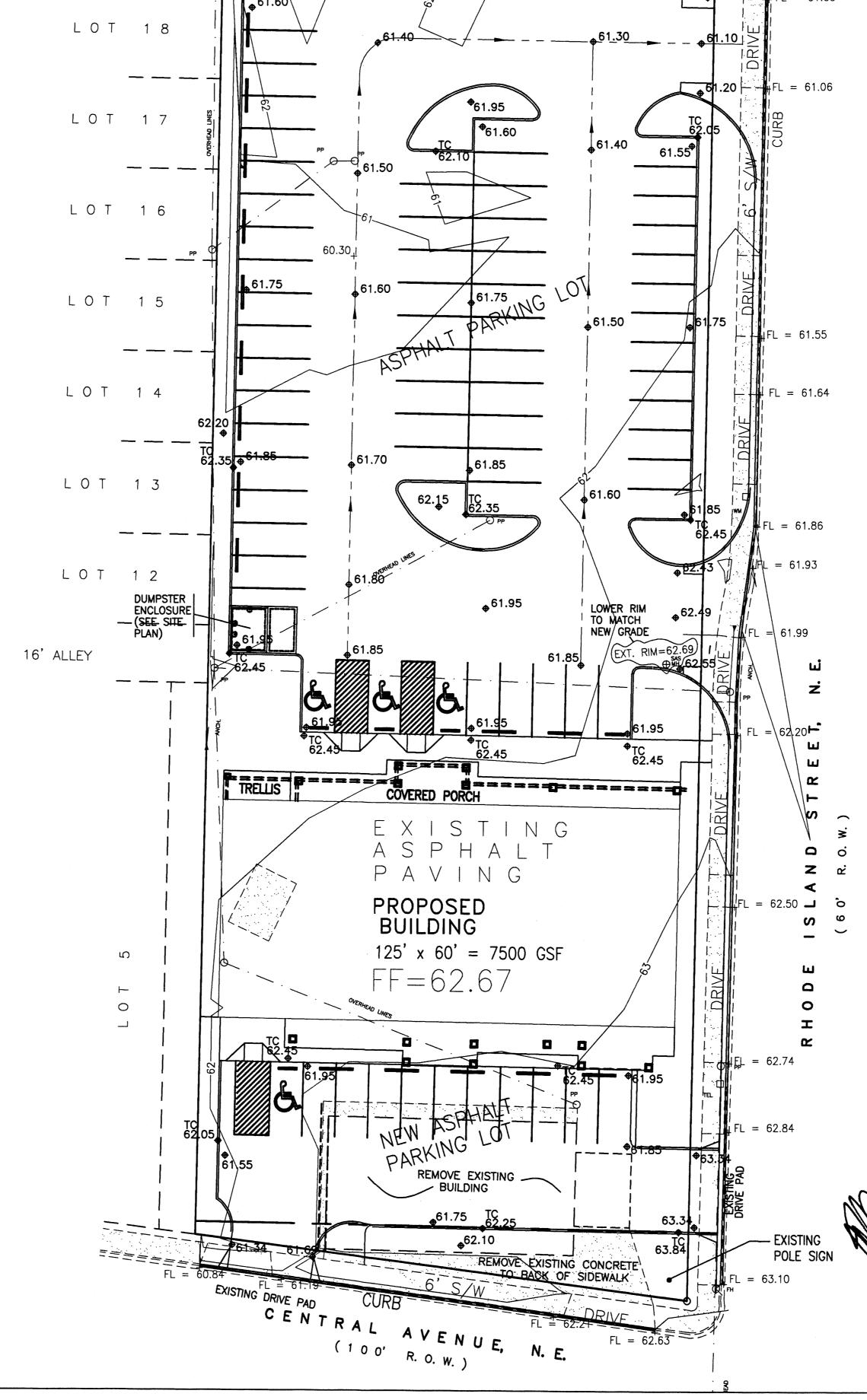


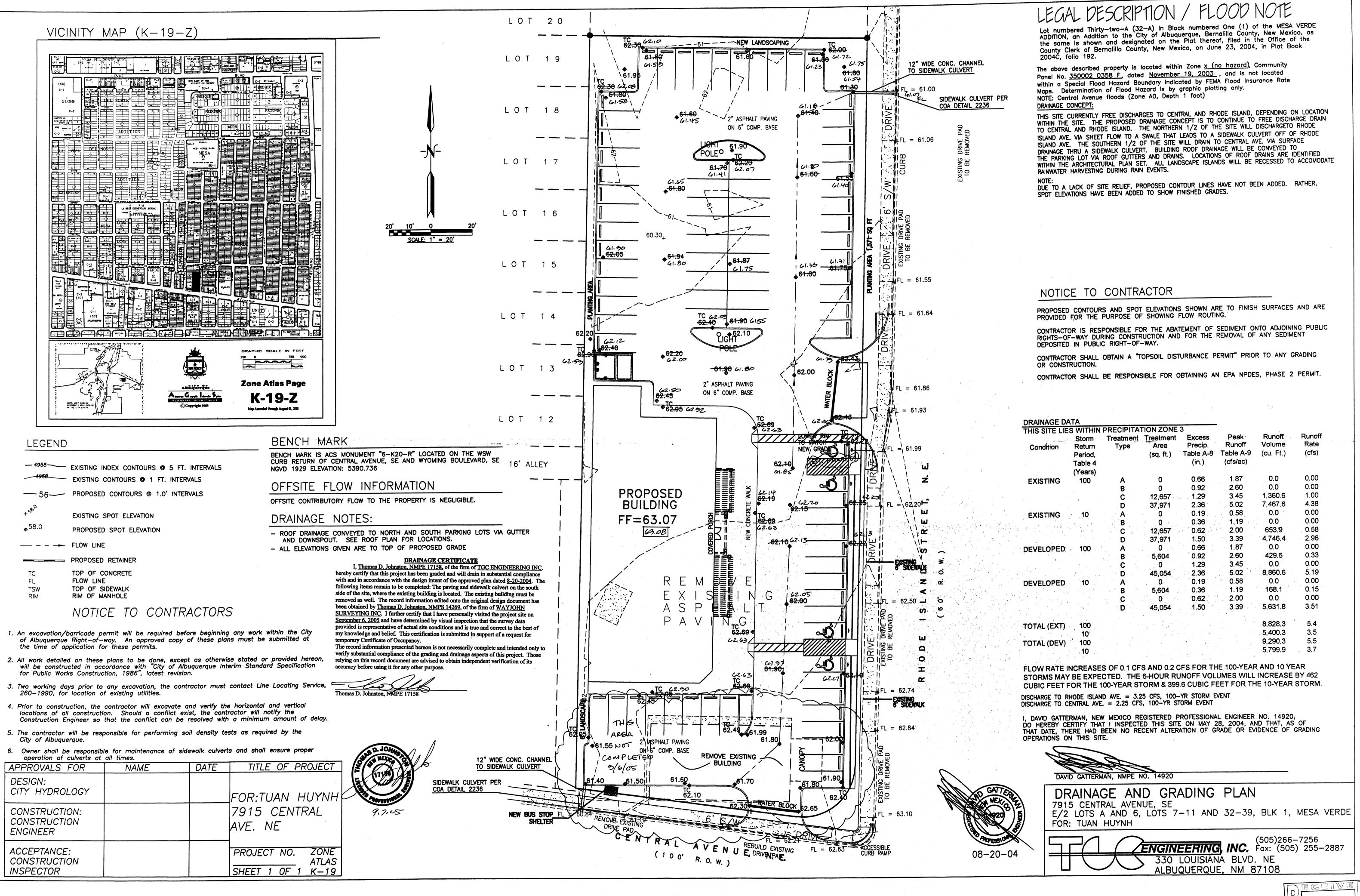
DRAINAGE AND GRADING PLAN 7915 CENTRAL AVENUE, SE

E/2 LOTS 8 AND 6, LOTS 7-11 AND 32-39, BLK 1, MESA VERDE FOR: TUAN HUYNH



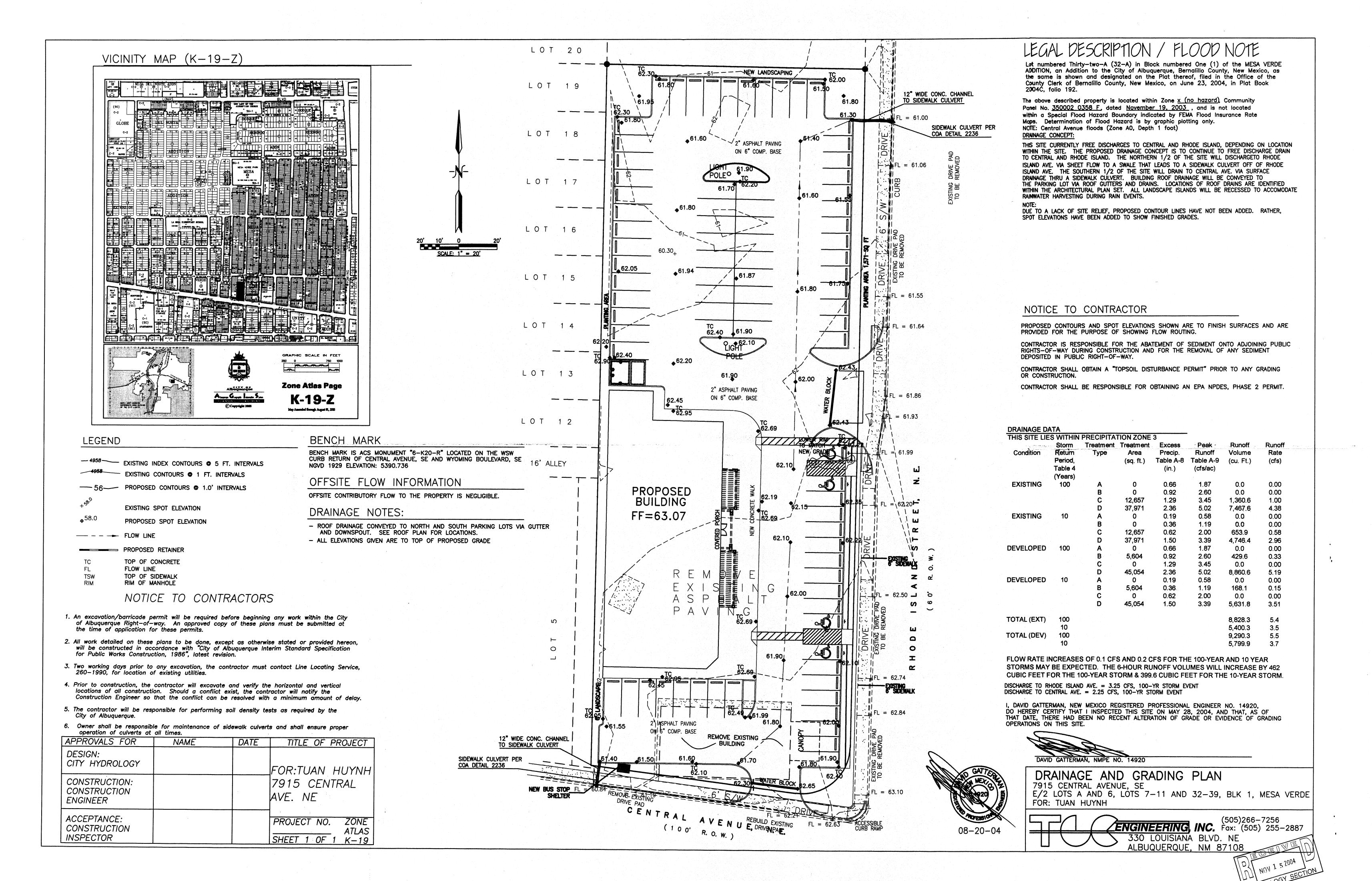


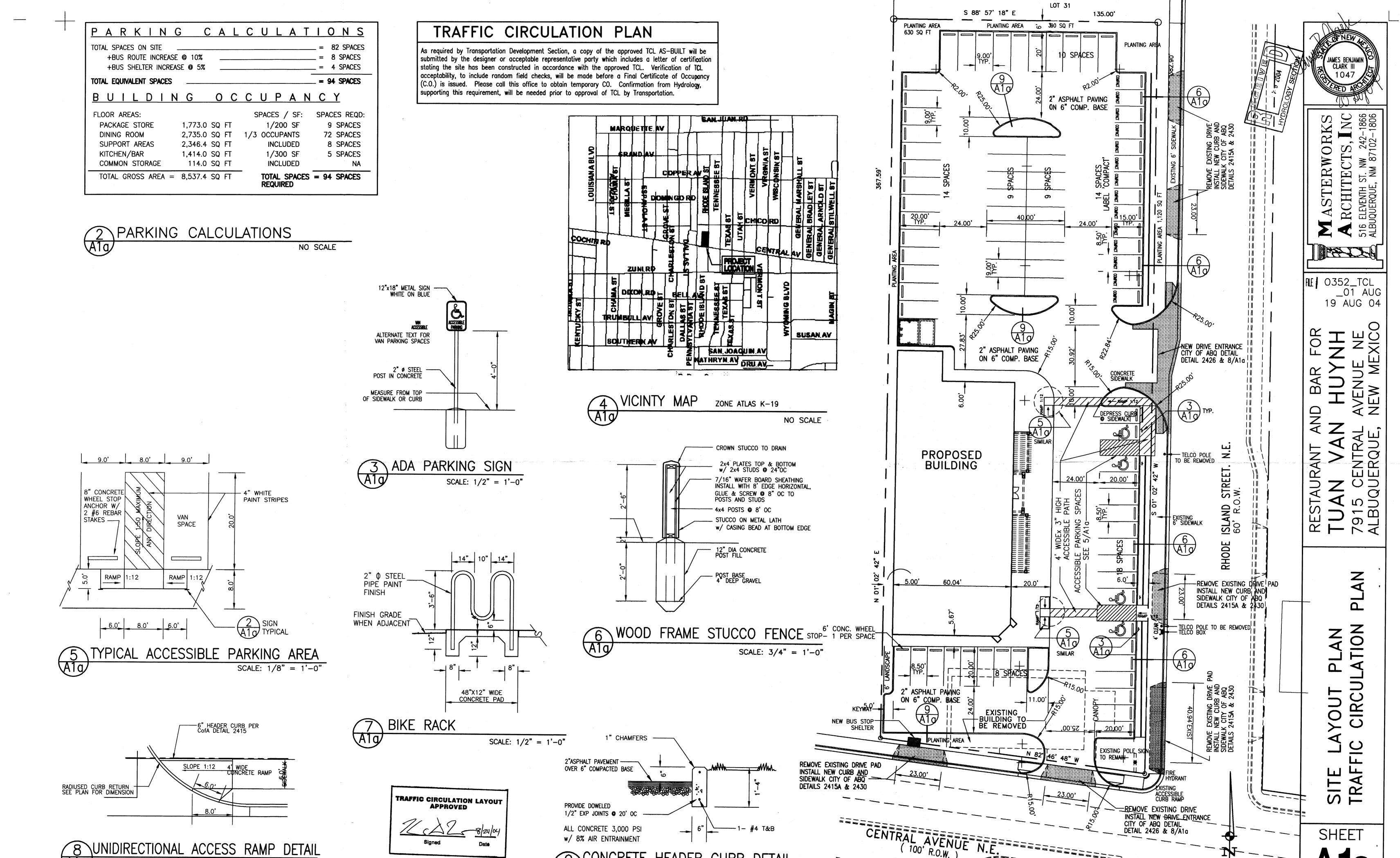




DECETVE
SEP 0 1 2005

HYDROLOGY SECTION





CONCRETE HEADER CURB DETAIL

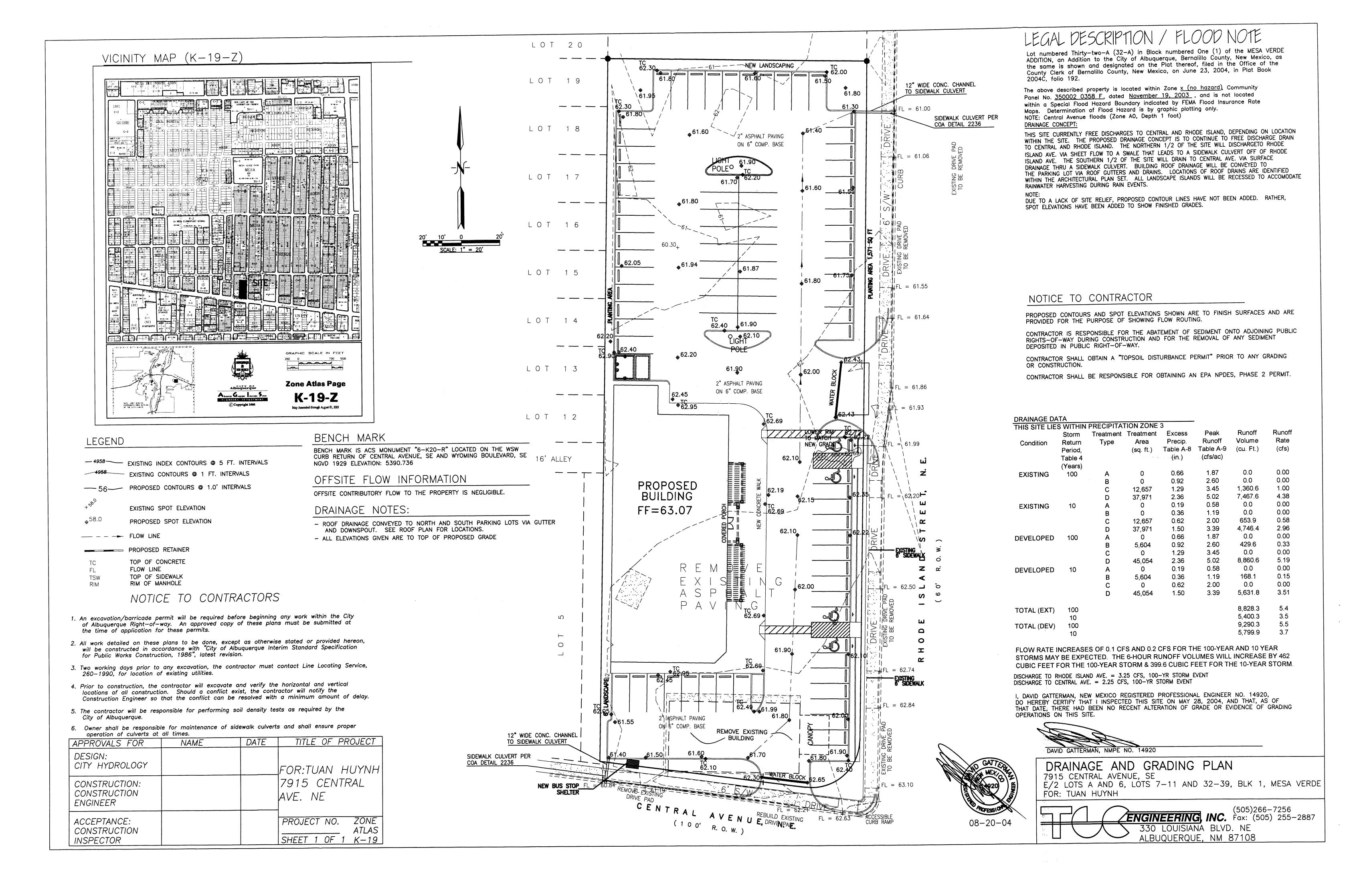
SCALE: 3/4" = 1'-0"

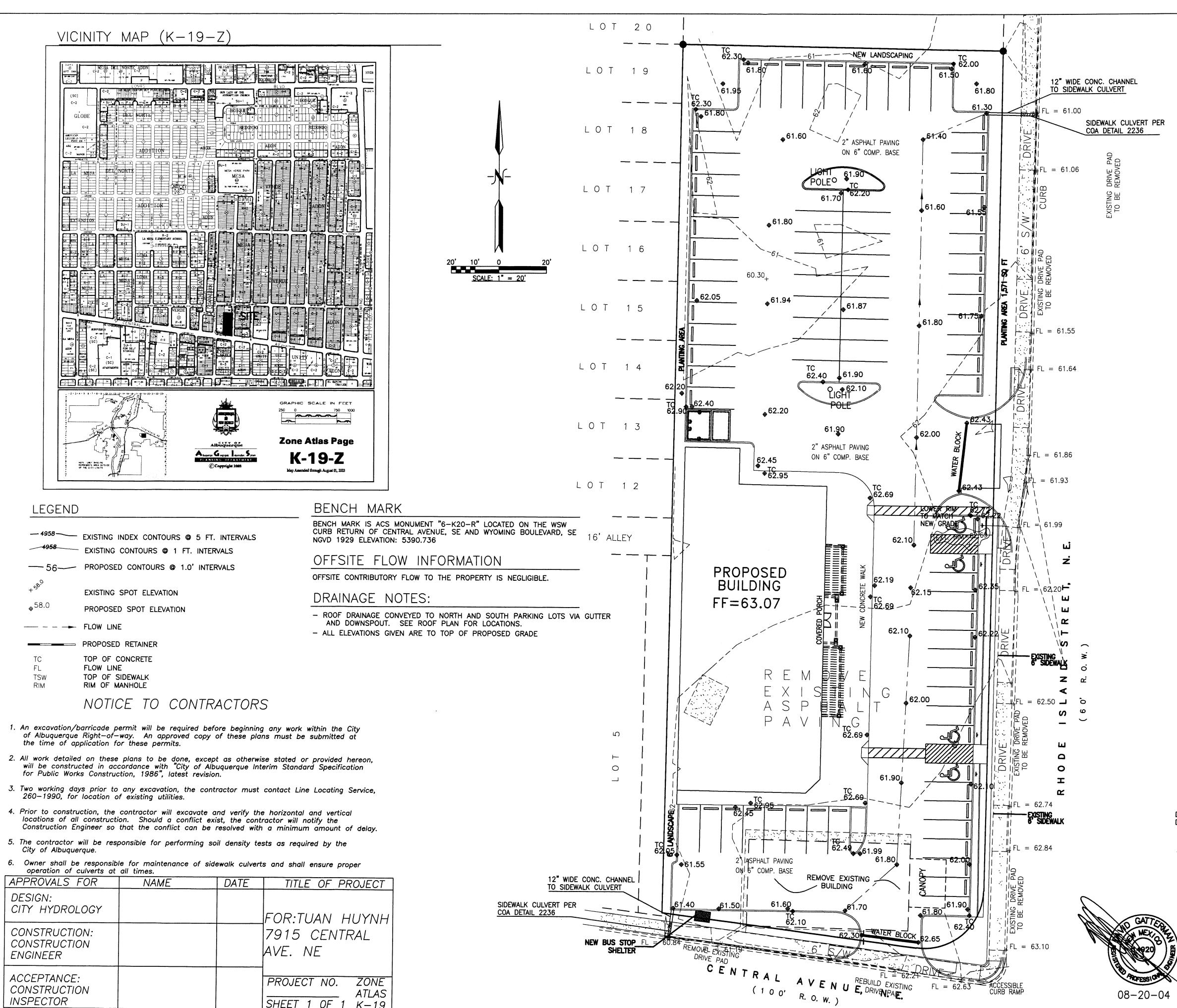
Ala

15

SCALE: 1" = 20'-0"

PER CofA DWG 2426





SHEET 1 OF 1 K-19

# LEGAL DESCRIPTION / FLOOD NOTE

Lot numbered Thirty-two-A (32-A) in Block numbered One (1) of the MESA VERDE ADDITION, an Addition to the City of Albuquerque, Bernalillo County, New Mexico, as the same is shown and designated on the Plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico, on June 23, 2004, in Plat Book 2004C, folio 192.

The above described property is located within Zone x (no hazard), Community Panel No. 350002 0358 F. dated November 19, 2003, 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. NOTE: Central Avenue floods (Zone AO, Depth 1 foot) DRAINAGE CONCEPT:

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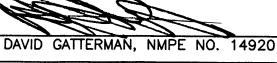
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AUG 25 2004 HYDROLOGY SECTION

3.7

5.799.9

DRAINAGE AND GRADING PLAN 7915 CENTRAL AVENUE, SE

E/2 LOTS A AND 6, LOTS 7-11 AND 32-39, BLK 1, MESA VERDE FOR: TUAN HUYNH

