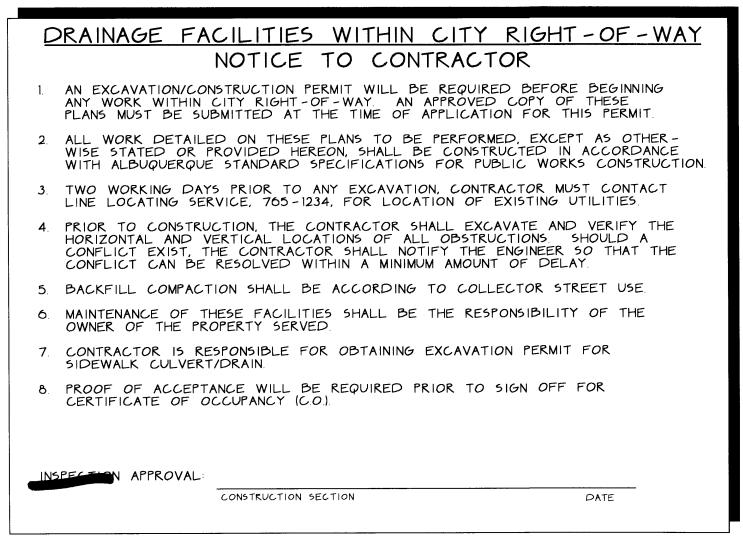


#### **LEGEND** SIDEWALK, CURB AND GUTTER (EXISTING, PROPOSED) BUILDING (EXISTING, PROPOSED) PROPERTY LINE EXISTING SPOT ELEVATION EXISTING CONTOUR PROPOSED SPOT ELEVATION 75.2 PROPOSED CONTOUR SURFACE FLOW DIRECTION (EXISTING, PROPOSED, ROOF) LANDSCAPED AREA FLOW LINE FINISHED FLOOR RIGHT OF WAY ROW

PROPERTY LINE

ENTRY / EXIT LOCATION

POWER POLE



### SCOPE

THE PROPOSED IMPROVEMENTS INCLUDE A COMMERCIAL BUILDING RENOVATION AND EXISTING PARKING LOT REPAVING / OVERLAY WITH ASSOCIATED SITE IMPROVEMENTS.

THE PRESENT SITE IS A DEVELOPED COMMERCIAL PROPERTY LOCATED AT THE CORNER OF MENAUL BLVD. AND KENTUCKY ST. NE. THE SITE SLOPES AT APPROXIMATELY 2% TO THE SOUTHWEST. KENTUCKY STREET BORDERS THE PROPERTY TO THE EAST. THE PROPERTIES TO THE NORTH, AND WEST ARE DEVELOPED PROPERTIES. MENAUL BLVD. BORDERS THE PROPERTY TO THE SOUTH.

THE INTENT OF THIS PLAN IS TO SHOW:

- \* GRADING RELATIONSHIPS BETWEEN THE EXISTING GROUND ELEVATIONS AND PROPOSED FINISHED ELEVATIONS IN ORDER TO FACILITATE POSITIVE DRAINAGE TO DESIGNATED DISCHARGE POINTS.
- \* THE EXTENT OF PROPOSED SITE IMPROVEMENTS, INCLUDING BUILDINGS, WALKS AND PAVEMENT
- \* THE FLOW RATE/VOLUME OF RAINFALL RUNOFF ACROSS OR AROUND THESE IMPROVEMENTS AND METHODS OF HANDLING THESE FLOWS TO MEET CITY OF ALBUQUERQUE REQUIREMENTS FOR DRAINAGE MANAGEMENT.
- \* THE RELATIONSHIP OF ON-SITE IMPROVEMENTS WITH EXISTING NEIGHBORING PROPERTY TO INSURE AN ORDERLY TRANSITION BETWEEN PROPOSED AND SURROUNDING GRADES.

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### GENERAL INFORMATION

LEGAL LOTS 3, 4 AND 5, VISTA ENCANTADA SUBDIVISION, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

SURVEYOR ANTHONY L. HARRIS, N.M.P.S.#11463 HARRIS SURVEYING, INC.

BM ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE STATION NO. "15-H18", HAVING AN ELEVATION OF 5300.769 (M.S.L.D.)

FLOOD HAZARD PER FIRM MAP #352 (SEE INSERT ON PLAN), THE SITE IS NOT LOCATED WITHIN A FLOODZONE

OFF-SITE DRAINAGE BASED ON SITE ANALYSIS, NO OFF-SITE FLOWS AFFECT THIS PROPERTY.

EROSION CONTROL THE CONTRACTOR IS RESPONSIBLE FOR RETAINING ON-SITE ALL SEDIMENT GENERATED DURING CONSTRUCTION BY MEANS OF TEMPORARY EARTH BERMS OR SILT FENCES AT THE LOW POINTS ON THE WEST PROPERTY LINE

#### Calculations are based on the Drainage Design Criteria for City of Albuquerque Section 22.2, DPM, Vol 2, dated Jan., 1993 ON-SITE AREA OF SITE: 0.551 Ac. **EXISTING FLOWS: REVISED FLOWS: EXCESS PRECIPITATION:** On-Site Existing Land Condition On-Site Revised Land Condition Precip. Zone Area a Ea = 0.66Eb = 0.92200 SF Area b 1420 Area b 0 SF Ee = 1.29Area c Area c 23800 SF 22580 SF Ed = 2.36Area d Area d 24000 SF Total Area 24000 SF Total Area

CALCULATIONS: Butcher Remodel - Menaul: May 17, 2002

On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)  $EaAa - Eb\underline{Ab + EcAc + EdAd}$ Weighted E=

Aa - Ab + Ac + Ad2.35 in. | Revised E 2.27 m. On-Site Volume of Runoff: V360 = E\*A / 12 4696 CF Revised V360 4550 CF

On-Site Peak Discharge Rate: Qp = QpaAa - QpbAb + QpcAc + QpdAd / 43,560For Precipitation Zone 3 Qpc = 3.45Qpa = 1.87

2.7 CFS 2.8 CFS Revised Qp Existing Qp ORIFACE EQUATION - OPENING TO SIDEWALK CULVERT  $Q = C*A * (2*g*h) \cap 0.5$ 

3.4 cfs 0.6 (indicating that the opening will function at 60% capacity) 1.00 sq.ft. 32.2 ft/sec^2 0.5 ft depth of flow at opening from the flowline

All site flow (2.7 cfs) will pass through the proposed sidewalk culvert to Menaul Blvd. NE which has a capacity of 3.4 cfs OK Checking capacity with the Broadcrested Weir formula ( $Q = C^*L^*h^3/2$ ), Q = 3.8 cfs - OK

## GENERAL NOTES

- (A) ALL SPOT ELEVATIONS REFERENCE TOP OF PAVING UNLESS NOTED OTHERWISE ADD 0.5' FOR ON-SITE TOP OF CURB (TYPICAL)
- (B) COORDINATE WORK WITH SITE PLAN AND SITE LANDSCAPE PLAN
- C SEE ARCHITECTURAL PLANS FOR SITE DEMOLITION INFORMATION.

# KEYNOTES

- (1) EXISTING TWO DRIVEPADS THIS AREA TO BE REMOVED TO NEAREST SIDEWALK JOINT AND REPLACED WITH A SINGLE DRIVEPAD WITH NEW CONCRETE WALK / CURB AND GUTTER SEE ARCHITECTURAL FOR ADDITIONAL INFO.
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- (3) CONSTRUCT CONCRETE HEADER CURB PER C.O.A. STD. DWG. 2415 AS NOTED. TOP OF CURB TO BE 0.5' ABOVE TOP OF ASPHALT / WALK ELEVATION (TYP).
- (3) ADDITIVE ALTERNATE \$1 SEE KEYED NOTE 3
- (4) PROPOSED ASPHALT OVERLAY. REMOVE / GRIND EXISTING ASPHALT AS REQUIRED TO ACHIEVE NEW GRADES SHOWN. NOTE: SOME AREAS MAY REQUIRE ADDITIONAL CUT / FILL TO ACHIEVE NEW GRADES. MINIMUM OVERLAY TO BE 1.5" THICK. SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION REGARDING, PARKING LAYOUT, DIMENSIONS, STRIPING, ETC.
- 5) ROOF FLOWS TO BE RELEASED TO FRONT PARKING AREA THROUGH DOWNSPOUTS IN COLUMNS. SEE ARCHITECTURAL FOR ADD'L INFO.
- 6 CONSTRUCT 2' WIDE (BOTTOM WIDTH) 'U' SHAPED CONCRETE CHANNEL AT FLOWLINE ELEVATIONS SHOWN TO DIRECT FLOWS TO PROPOSED SIDEWALK CULVERT. SEE DETAIL THIS SHEET.
- (7) CONSTRUCT STANDARD CURB AND GUTTER PER C.O.A. STD. DWG. 2415 WHERE CONCENTRATED FLOW IS CARRED AS NOTED TOP OF CURB TO BE 0.5' ABOVE TOP OF ASPHALT / WALK ELEVATION.
- (8) CONSTRUCT CONCRETE WALK THIS AREA WITH 2% CROSS SLOPE SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION. PROVIDE RAMP AS SHOWN.
- (9) CONSTRUCT 2' WIDE SIDEWALK CULVERT WITH STEEL PLATE TOP AT ELEVATIONS SHOWN. CONSTRUCT PER C.O.A. DETAIL 2236Y
- (10) MATCH EXISTING GRADES AT PROPERTY LINE FOR SMOOTH TRANSITION GRIND EXISTING ASPHALT AS REQUIRED TO PROVIDE MIN. 1.5" OVERLAY.
- (11) TOP OF NEW ASPHALT TO MATCH TOP OF NEW CONCRETE WALK. TYPICAL.
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- (13) TAPER EDGE OF CURB OVER 1' THIS AREA FROM 6" HIGH TO FLUSH WITH TOP OF WALK.



C.L.WEISS ENGINEERING, INC. POST OFFICE BOX 97 · SANDIA PARK, N.M. · 87047 - (505) 281-1800 1100 ALVARADO DR. NE · ALBUQUERQUE, N.M. · 87110 - (505) 266-3444

VICINITY MAP #H-18						
N VISTA INCANTADA I SONOS I SO						
SU-2 R-2 C  SU-2 R						
SITE SU-3  S						
FIRM MAP #352						
DAKOTA PAKITCKY (KENTLCKY STREET STREET)						
SAN PEDRO CALFORNIA STREET  CA						
MENAUL BLVD						

CITY OF ALBÜQUERQUE

## **ANTHONY ANELLA** ARCHITECTS, AIA

103 DARTMOUTH DR. SE ALBUQUERQUE, NEW MEXICO 87106 PHONE: 505.265.8713 FAX: 505.265.8714

# **Butcher Remodel**

6605-6615 Menaul Blvd NE Albuquerque, New Mexico



Revisions:

Sheet Title:

## DRAINAGE AND

**GRADING PLAN** 

Drawings and specification professional service, are property of the Architect. not to be used, in whole	and shall remain the These documents are
Checked:	CLW
Drawn:	ВЈВ
Date:	21 June '
Scale:	1" = 20'

those properly authorized by contract, without the specific written authorization of ANTHONY ANELLA ARCHITECTS, AIA.

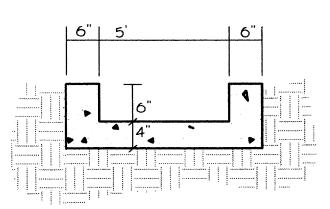
HYDROLOGY SECTION

JOB NUMBER:



INSPECTION APPROVAL

100' R/W



'U' SHAPED CONC. CHANNEL

#### **LEGEND** SIDEWALK, CURB AND GUTTER (EXISTING, PROPOSED) BUILDING (EXISTING, PROPOSED) PROPERTY LINE EXISTING SPOT ELEVATION TDA=97.71 EXISTING CONTOUR **3** 75.2 PROPOSED SPOT ELEVATION PROPOSED CONTOUR SURFACE FLOW DIRECTION LANDSCAPED AREA FLOW LINE FINISHED FLOOR RIGHT OF WAY ROW PROPERTY LINE POWER POLE ENTRY / EXIT LOCATION AS-BUILT SPOT ELEVATION

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CONSTRUCTION SECTION

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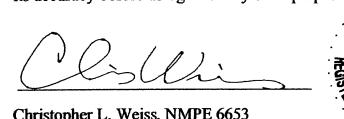
I, Christopher L. Weiss, NMPE 6653 of C.L. Weiss Engineering, Inc. hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 6-21-02 The record information edited onto the original design document has been obtained by TONY HARRIS, NMPS 11463, of the firm HARRIS SURVEYING, INC. I further certify that I have personally visited the project site on 8-18-03 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for CERTIFICATE OF OCCUPANCY

AREAS OF MODIFICATION BETWEEN APPROVED DRAINAGE GRADING PLAN AND **ACTUAL AS-BUILT** 

Header Curb constructed along south edge of parking (not standard curb and gutter) Minor site plan revisions to column dimensions this area

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.

CALCULATIONS: Butcher Remodel - Menaul; May 17, 2002



Christopher L. Weiss, NMPE 6653

Calculations are	based	on the Dr	ainage De	sign (	Criteria for City of Alb	uquer	que Section	1 22.2, D	PM, V	ol 2, dated Jan., 1993
					ON-SIT	3				
AREA OF SITE	Ç:				24000	SF	=		0.551	Ac.
EXISTING FLO					REVISED FLOWS:					EXCESS PRECIPITATION:
On-Site Exis	_	ind Condi			On-Site Revi	sed La	ınd Conditi			Precip. Zone 3
Area a			0	SF	Area a	=		0	SF	Ea = 0.66
Area b			200	SF	Area b	=		1420	SF	Eb = 0.92
Area o		L	0	SF.	Area c	=	L	0	SF	Ec = 1.29
Area	l =		23800	SF	Area d	=		22580	SF	Ed = 2.36
Total Area	1 =		24000	SF	Total Area	==		24000	SF	
On-Site Weight	led Exc	ess Precip	itation (10	0-Yea	r, 6-Hour Storm)					
		Weighte	ed E=		EaAa + EbAb + EcA	c + Ed	Ad			
					Aa + Ab + Ac	+ Ad				_
Existing E	=		2.35 i	n.	Revised E	=		2.27 i	n.	
On-Site Volume	of Rur	off: V360	$=$ $\mathbf{E}_{i}$	*A/1	2					
Existing V360	******		4696	CF	Revised V360	=		4550	CF	
On-Site Peak D	ischarg	e Rate: Q	p = QpaA	a÷Qpl	oAb+QpcAc+QpdAd	/ 43,5	60			-
For Precipitatio	n Zone	3								
Qpa	a =	1.87			Qpc	=	3.45			
Qbl	<b>)</b> =	2.60			a	==	5.02			
Existing Qp	=		2.8	CFS	Revised Qp	=		2.7	CFS	
			ORIFAC	EEQ	UATION - OPENING	TOS	DEWALK	CULVE	RT	
Q = C*A*(2*s)	g*h)^0	).5								
Where	Q		_ [	3.4	cfs					
	c	=	- -	0.6	2	(indic	ating that t	he onen	ino wi	Il function at 60% capacity)
	A	-	mann Mann		sq.ft.	(птото	ating that t	ne open	mg W	n tonetion at 50% expansis,
			=		ft/sec^2					
	g h		=	0.5		denth	of flow at	naning	from	the flowline
	11	-	-	0.5	11	aepin	or now at	phennig	пош	He Howmie
All eite flow ()	7 of ( )	vill nace th	muah tha	nran	acad cidawalk aulussi	to Mr.	moul Dlud	NIEL.	sh baa	a capacity of 3.4 cfs OK
·	-	-	_						ın nas	a capacity of 5.4 cis OK
Checking capa	only Will	и ше вхоа	ucrested	weir i	$formula (Q = C*L*h^3)$	2). Q	– 5.8 CIS <b>-</b> (	м		

## GENERAL NOTES

- (A) ALL SPOT ELEVATIONS REFERENCE TOP OF PAVING UNLESS NOTED OTHERWISE. ADD 0.5' FOR ON-SITE TOP OF CURB (TYPICAL)
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- (C) SEE ARCHITECTURAL PLANS FOR SITE DEMOLITION

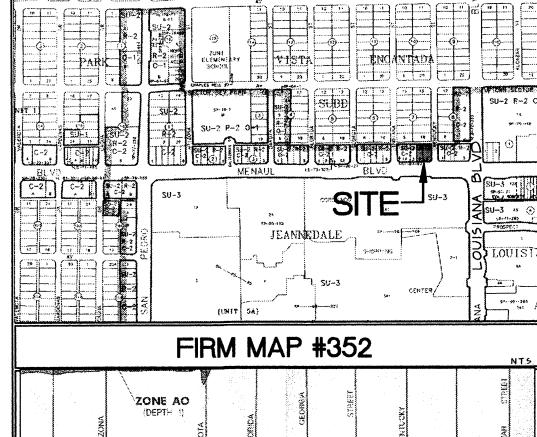
## KEYNOTES

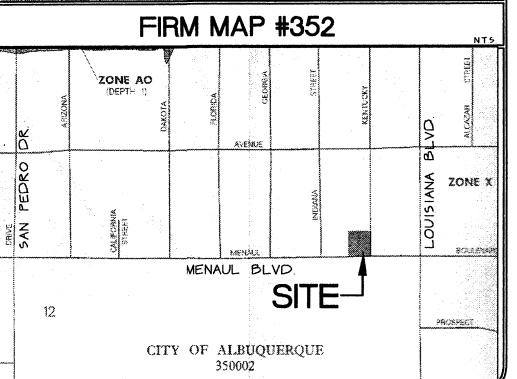
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# VICINITY MAP #H-18





**ANTHONY ANELLA** ARCHITECTS, AIA

103 DARTMOUTH DR. SE ALBUQUERQUE, NEW MEXICO 87106 PHONE: 505.265.8713 FAX: 505.265.8714

## **Butcher Remodel**

6605-6615 Menaul Blvd NE Albuquerque, New Mexico



Revisions:

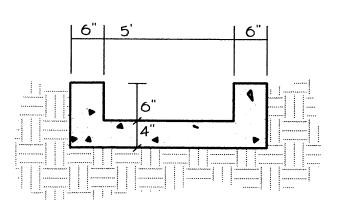
AUG 2 8 2003 HYDROLOGY SECTION

Sheet Title:

#### DRAINAGE AND **GRADING PLAN**

1" = 20'21 June '02 Drawn: BJB Checked: CLW Drawings and specifications, as instruments of professional service, are and shall remain the property of the Architect. These documents an not to be used, in whole or in part, for any other projects or purposes, or by any other parties than those properly authorized by contract, without the specific written authorization of ANTHONY ANELLA ARCHITECTS, AIA.





SHAPED CONC. CHANNEL

#### **LEGEND** SIDEWALK, CURB AND GUTTER BUILDING (EXISTING, PROPOSED) \_\_\_\_\_ PROPERTY LINE EXISTING SPOT ELEVATION EXISTING CONTOUR 75.2 PROPOSED SPOT ELEVATION PROPOSED CONTOUR --- SURFACE FLOW DIRECTION **IEXISTING**, PROPOSED, ROOFI LANDSCAPED AREA FLOW LINE FINISHED FLOOR RIGHT OF WAY PROPERTY LINE POWER POLE ENTRY / EXIT LOCATION AS-BUILT SPOT ELEVATION

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INSPECTION APPROVAL

CONSTRUCTION SECTION DATE

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- \* THE RELATIONSHIP OF ON-SITE IMPROVEMENTS WITH EXISTING NEIGHBORING PROPERTY TO INSURE AN ORDERLY TRANSITION BETWEEN PROPOSED AND SURROUNDING GRADES

#### DRAINAGE PLAN CONCEPT

THIS PROPERTY IS AN EXISTING COMMERCIAL PROPERTY WHICH FREE DISCHARGES TO MENAUL BLVD. NE (THE PARKING AREA AFFECTED BY THIS SUBMITTAL). THE PROPOSED DEVELOPMENT WILL DIRECT ALL STORM RUNOFF (APPROX. 2.7 CFS WHICH REPRESENTS A O.I CFS REDUCTION FROM THE PREVIOUS DEVELOPMENT RUN-OFF) THROUGH THE REGRADED / REPAVED PARKING AREA TO A NEW SIDEWALK CULVERT TO MENAUL BLVD. NE WHERE THE FLOWS WILL CONTINUE ALONG HISTORIC FLOWPATHS.

### GENERAL INFORMATION

LEGAL LOTS 3, 4 AND 5, VISTA ENCANTADA SUBDIVISION, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

SURVEYOR ANTHONY L. HARRIS, NMPS # 11463 HARRIS SURVEYING, INC.

BM ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE STATION NO. "15-H18", HAVING AN ELEVATION OF 5300.769 (M.S.L.D.)

FLOOD HAZARD PER FIRM MAP #352 (SEE INSERT ON PLAN), THE SITE IS NOT LOCATED WITHIN A FLOODZONE

OFF-SITE DRAINAGE BASED ON SITE ANALYSIS, NO OFF-SITE FLOWS AFFECT THIS PROPERTY.

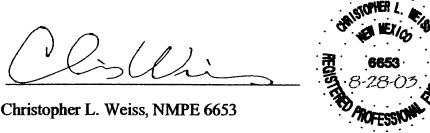
EROSION CONTROL THE CONTRACTOR IS RESPONSIBLE FOR RETAINING ON-SITE ALL SEDIMENT GENERATED DURING CONSTRUCTION BY MEANS OF TEMPORARY EARTH BERMS OR SILT FENCES AT THE LOW POINTS ON THE WEST PROPERTY LINE.

I, Christopher L. Weiss, NMPE 6653 of C.L. Weiss 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 6-21-02 The record information edited onto the original design document has been obtained by TONY HARRIS, NMPS 11463, of the firm HARRIS SURVEYING, INC. I further certify that I have personally visited the project site on 8-18-03 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for CERTIFICATE OF OCCUPANCY

#### AREAS OF MODIFICATION BETWEEN APPROVED DRAINAGE GRADING PLAN AND ACTUAL AS-BUILT

1 Header Curb constructed along south edge of parking (not standard curb and gutter) (2) Minor site plan revisions to column dimensions this area

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.



#### CALCULATIONS: Butcher Remodel - Menaul : May 17, 2002 Calculations are based on the Drainage Design Criteria for City of Albuquerque Section 22.2, DPM, Vol 2, dated Jan., 1993 ON-SITE AREA OF SITE: 24000 0.551 Ac. **EXISTING FLOWS: REVISED FLOWS: EXCESS PRECIPITATION:** On-Site Existing Land Condition On-Site Revised Land Condition Precip. Zone 3 Area a Area a Ea = 0.66Area b 200 SF Area b 1420 SF Eb = 0.92Area c 0 SF Area c Ec = 1.29Area d 23800 SF 22580 SF Area d Ed = 2.36Total Area 24000 SF Total Area 24000 SF On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm) EaAa - EbAb + EcAc + EdAdAa + Ab + Ac + AdExisting E 2.35 in. Revised E 2.27 in. On-Site Volume of Runoff: V360 = E\*A / 12Existing V360 4696 CF | Revised V360 4550 CF On-Site Peak Discharge Rate: Qp = QpaAa+QpbAb+QpcAc+QpdAd / 43,560 For Precipitation Zone 3 Qpa = 1.87Qpc = 3.45Qbb = 2.60a = 5.02Existing Qp 2.8 CFS Revised Op ORIFACE EQUATION - OPENING TO SIDEWALK CULVERT $Q = C*A * (2*g*h)^0.5$ 3.4 cfs 0.6 (indicating that the opening will function at 60% capacity) 1.00 sq.ft. 32.2 ft/sec^2 0.5 ft depth of flow at opening from the flowline

All site flow (2.7 cfs) will pass through the proposed sidewalk culvert to Menaul Blvd. NE which has a capacity of 3.4 cfs OK

Checking capacity with the Broadcrested Weir formula ( $Q = C*L*h^3/2$ ), Q = 3.8 cfs - OK

## GENERAL NOTES

- (A) ALL SPOT ELEVATIONS REFERENCE TOP OF PAVING UNLESS NOTED OTHERWISE ADD 0.5' FOR ON-SITE TOP OF CURB (TYPICAL)
- (B) COORDINATE WORK WITH SITE PLAN AND SITE
- LANDSCAPE PLAN (C) SEE ARCHITECTURAL PLANS FOR SITE DEMOLITION

## KEYNOTES

- (1) EXISTING TWO DRIVEPADS THIS AREA TO BE REMOVED TO NEAREST SIDEWALK JOINT AND REPLACED WITH A SINGLE DRIVEPAD WITH NEW CONCRETE WALK / CURB AND GUTTER SEE ARCHITECTURAL FOR ADDITIONAL INFO.
- (2) CONSTRUCT SITE DRIVEPAD ENTRANCE WITH NEW CONCRETE WALKS BOTH SIDES PER C.O.A. STANDARD DTL 2425. SEE ARCHITECTURAL FOR DIMENSIONS / DETAILS / DEMOLITION OF EXISTING DRIVEPADS. MATCH TOP OF EXISTING WALKS FOR SMOOTH TRANSITION.
- (3) CONSTRUCT CONCRETE HEADER CURB PER C.O.A. STD. DWG. 2415 AS NOTED. TOP OF CURB TO BE 0.5' ABOVE TOP OF ASPHALT / WALK ELEVATION (TYP)
- (3) ADDITIVE ALTERNATE \$1 SEE KEYED NOTE 3
- 4 PROPOSED ASPHALT OVERLAY. REMOVE / GRIND EXISTING ASPHALT AS REQUIRED TO ACHIEVE NEW GRADES SHOWN. NOTE: SOME AREAS MAY REQUIRE ADDITIONAL CUT / FILL TO ACHIEVE NEW GRADES MINIMUM OVERLAY TO BE 15" THICK SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION REGARDING, PARKING LAYOUT, DIMENSIONS, STRIPING, ETC
- (5) ROOF FLOWS TO BE RELEASED TO FRONT PARKING AREA THROUGH DOWNSPOUTS IN COLUMNS SEE ARCHITECTURAL FOR ADD'L INFO
- (6) CONSTRUCT 2' WIDE (BOTTOM WIDTH) 'U' SHAPED CONCRETE CHANNEL AT FLOWLINE ELEVATIONS SHOWN TO DIRECT FLOWS TO PROPOSED SIDEWALK CULVERT. SEE DETAIL THIS SHEET
- (7) CONSTRUCT STANDARD CURB AND GUTTER PER C.O.A. STD. DWG. 2415 WHERE CONCENTRATED FLOW IS CARRED AS NOTED TOP OF CURB TO BE 0.5' ABOVE TOP OF ASPHALT / WALK ELEVATION.
- 8) CONSTRUCT CONCRETE WALK THIS AREA WITH 2% CROSS SLOPE SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION PROVIDE RAMP AS SHOWN.
- (9) CONSTRUCT 2' WIDE SIDEWALK CULVERT WITH STEEL PLATE TOP AT ELEVATIONS SHOWN. CONSTRUCT PER C.O.A. DETAIL 2236.
- (10) MATCH EXISTING GRADES AT PROPERTY LINE FOR SMOOTH TRANSITION GRIND EXISTING ASPHALT AS REQUIRED TO PROVIDE MIN. 1.5" OVERLAY.
- 1) TOP OF NEW ASPHALT TO MATCH TOP OF NEW CONCRETE WALK. TYPICAL.
- (12) CONSTRUCT PLANTER THIS AREA TO ACHIEVE PAVING TRANSITION SHOWN SEE ARCHITECTURAL FOR ADD'L INFO
- (13) TAPER EDGE OF CURB OVER 1' THIS AREA FROM 6" HIGH TO FLUSH WITH TOP OF WALK.



C.L.WEISS ENGINEERING. INC POST OFFICE BOX 97 · SANDIA PARK, N.M. · 87047 - (505) 281-1800 1100 ALVARADO DR. NE · ALBUQUERQUE, N.M. · 87110 - (505) 266-3444

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12	MENAUL BLVD.  SITE		PROSESSION IN
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**ANTHONY ANELLA** ARCHITECTS, AIA

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## Butcher Remodel

6605-6615 Menaul Blvd NE Albuquerque, New Mexico



Revisions:

Sheet Title:

**DRAINAGE AND** 

GRADING PLAN 1" = 20'

21 June '02 Drawn: CLW Checked:

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JOB NUMBER: