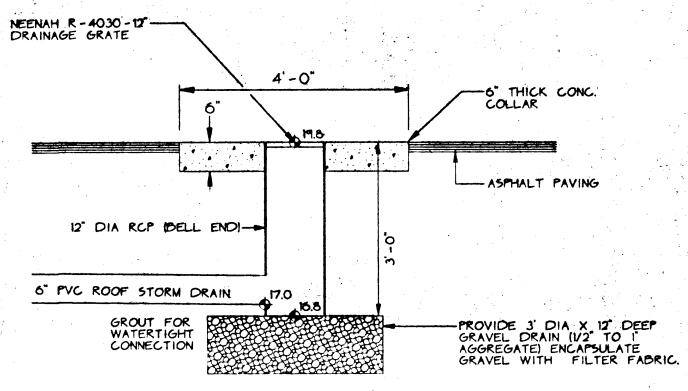


stucco

frame & stucco building warehouse 28 | FF21 39 | 210 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 20.62 20.5 5120.7 concrete block 19.8 20.4 0 20.5 20.12 20.5 5120.6 LOT 4A

Ellison Street NE



ROOF DRAIN OUTLET TO PAVEMENT

LEGEND

	SIDEWALK, CURB AND GUTTER (EXISTING, PROPOSED)
	PROPOSED PAVED DRIVE
[= = = = =]	BUILDING (EXISTING, PROPOSED)
	PROPERTY LINE
x 65.7	EXISTING SPOT ELEVATION
20	EXISTING CONTOUR
4 75.2	PROPOSED SPOT ELEVATION
	PROPOSED CONTOUR
	SURFACE FLOW DIRECTION (EXISTING, PROPOSED)
/ LA	LANDSCAPED AREA
TGW	TOP OF GRADE WALL (< 18" HIGH
TRW	TOP OF RETAINING WALL (> 18" HIGH
TA	TOP OF ASPHALT
TC	TOP OF CURB
FL	FLOW LINE
FF	FINISHED FLOOR
R/W	RIGHT OF WAY
PL	PROPERTY LINE
PP	POWER POLE

ENTRY / EXIT LOCATION

	Proposed improvements inclu				•	. ,	
	The present site is a develop south. Ellison Street NE abuts	s the site to the	south. The properti	es to the east, north	and west are d	nemmos begolevel	ial.
	The intent of this plan is to sh						
	facilitate positive	e drainage to de	esignated discharge			hed ele vations in d	order to
			and the second s	g buildings, walks ar		ethods of	
*	handling these	flows to meet Ci	ity of Albuquerque re	round these improve equirements for drain	rage managen	IBITE.	
	The relationship helween propo-	ip of on-site im	nprovements with ending grades.	xisting neighboring	property to in	nsure an orderly tr	ansition
	DRAINAGE PLAN CONCE	EPT: Roof flows	s will be captured in d where the flows w oss Washington Str	ill free discharge to leet, pass through a	drainage ease	IAC' I MAN A MIN CHOL	11410
	Det Pino (A.M.A.F.C.A.) The	remainder of the		NOTES			Sagada Lauri
			Unit III, Interstate Inc sying Co., February,			•	•
	B.M.: C	City of Albuquero	ous 9.D17 A 60 ne	mny nail in the north	n pole of pylor n the projected	n #RE10, Located and centerline of San	along an Antonio
				est property corner -	Elevation = 51	18.36 (M.S.L.D.)	
				is not located in a f			
No.				nd site visit, the offs		rossing this site is I	imited to
	tt	he common aspi	halt parking lot alon	g Ellison Street NE.			
	EROSION CONTROL: T	The contractor is neans of tempor	s responsible for re rary earth berms or t	taining on-site all se silt fences at the low	ediment gener points on the v	ated during constru west property line.	etion by
erika Kalendaria							
			CALCUL		22.2.100.4.11	1) declin 100	, N
् <u>ट</u> ब	culations are based on the Dra	ninage Design C	riteriafor City of Al ON-	SLLE ondheidner zecnoù	22.2.1917ML YC)] ₹' (]@[£(]]#][* 155	2
AR	EA OF SITF:		23232	SI	= 0.53 A	ic.	
Hi	STORIC FLOWS:		DEVELOPED FLO		•	CESS PRECIPITÀ	
	On-Site Historic Land Cond	lition 0 SF	-	oped Land Condition	$\frac{n}{0}$ SF	ecip. Zone Ea = 0.5	<u>2</u>
	Areab =	0 SF	4.1		0 SF	$\mathbf{Eb} = 0.7$	
	Area c =	6580 SF 16652 SF			6580 SF 6652 SF	Ec = 1.1 $Ed = 2.1$,
	Area d = Total Area =	16652 SF 23232 SF	-d		3232 SF		
^ -	-Site Weighted Excess Precipi	itation (100-Yea	r. 6-Hour Storm)		en de la companya de		
. On	Weighted Excess Precipi	ed E =	EaAa + EbAb + E				
	Historic E =	1.84 in.	Aa + Ab + A Developed E		1.84 in.		
	-Site Volume of Runoff: V36	$0 = E^*A/$		=	3561 CF		
Or	Historic V360 = n-Site Peak Discharge Rate: Q	3561 CF $p = QpaAa + Qp$			330		
	r Precipitation Zone 2		Qpc		• •		
			Qpd	= 4.70	2.2 CVC		
	Qpa = 1.56 $Qbb = 2.28$. 🕶	2.3 CFS '		
Ę	Qbb = 2.28 Historic Op =	2.3 CFS			ow Ruilding a	rea replaces existing	asphalt
	Qbb = 2.28 Historic Qp = The additional development of				ew Building a	rea replaces existing	asphalt
	Qbb = 2.28 Historic Op =		epresents no overall	increase in flows. N	ew Building a	rea replaces existing	g asphalt
Ar	Qbb = 2.28 Historic Qp = The additional development of paving to be removed.	fthis property re	epresents no overall BASIN DRAINI	increase in flows. N	ew Building a	Precip. Zone	g asphalt
Ar	Qbb = 2.28 Historic Qp = The additional development of paying to be removed.	fthis property re	epresents no overall BASIN DRAINI	increase in flows. N			
Ar	Qbb = 2.28 Historic Qp = The additional development of paving to be removed. The following calculations are be off-Site.	12245 SF ased on Treatme	BASIN DRAINI ent areas as shown i	increase in flows. N NG TO ELLISON and table to the right be formula above)	0.28 Ac.	Precip. Zone	
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Ar	Qbb = 2.28 Historic Qp = The additional development of paying to be removed.	12245 SF ased on Treatme e Weighted Exce Veighted E = e Volume of Ru V360 = e Peak Discharg	BASIN DRAINI ent areas as shown i ess Precipitation (se 2.05 inoff (see formula al 209) ge Rate: (see formula	increase in flows. N NG TO ELLISON n table to the right e formula above) in. oove) CF	0.28 Ac. TREAT	Precip. Zone	
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AREAS OF MODIFICATION BETWEEN APPROVED DRAINAGE GRADING PLAN AND ACTUAL AS-BUILT Asphalt parking pad / ramp not constructed. Acceptable - does not affect approved drainage patterns. Storm drain relocated along west edge of new building. Roof drain outlet relocated as shown. Based on field testing, the system works per plan. Acceptable - does not affect approved drainage patterns. 1, Christopher L. Weiss, P.E. hereby certify that the as-built information shown is in substantial compliance with the approved drainage / grading plan. Christopher L. Weiss, P.E. (N.M.P.E. #6653)

As-Built Survey provided by Forstbauer Surveying Co • Feb. 1997

(1) EXISTING PAVED ACCESS DRIVE.

2 EXISTING PAVED PARKING, SEE ARCHITECTURAL SITE PLAN FOR NEW STRIPING. NEW ASPHALT PAVING THIS AREA. MATCH EXISTING PAVING SECTION AND ELEVATION. PROVIDE SMOOTH RIDING TRANSITION. PROVIDE DRAINAGE SWALE (5-12) AS INDICATED BY FLOW ARROWS.

4) ADJUST EXISTING CLEANOUT AS REQUIRED. SEE ARCHITECTURAL SITE PLAN FOR ADDITIONAL DEMOLITION / REVISION NOTES.

5 CONSTRUCT HEADER CURB THIS AREA.

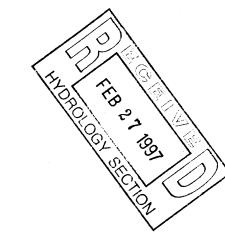
6 NEW GRAVEL PAVING, SEE ARCHITECTURAL SITE PLAN FOR EXTENTS.

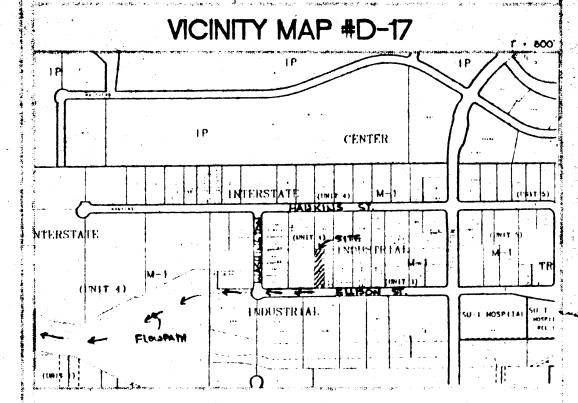
7 NEW 20' X 20.5' ASPHALT PARKING PAD.

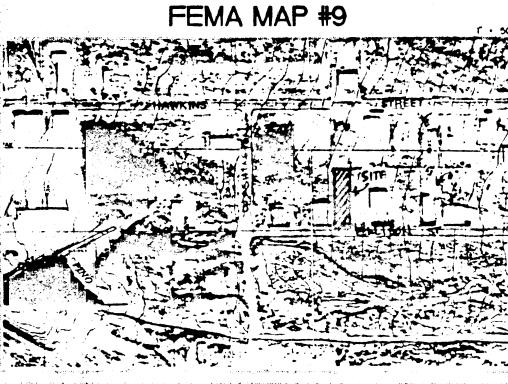
8 ROOF FLOWS TO BE COLLECTED IN A STORM DRAIN AND RELEASED IN PARKING AREA. SEE ARCHITECTURAL FOR SPECIFIC GUTTER OUTLET POINTS. SLOPE STORM DRAIN PIPE \$1.0%

(9) NEW CONCRETE WALK FLUSH WITH EXISTING ASPHALT PAVING. (10) ROOF DRAIN OUTLET. SEE DETAIL THIS SHEET.

(II) NEW ASPHALT RAMP.



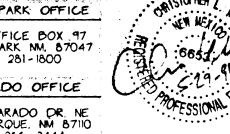




C.L. WEISS ENGINEERING, INC.



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ALLIANCE APPLIANCE 4121 ELLISON NE

SH.1 of 1

Drainage and Grading Plan