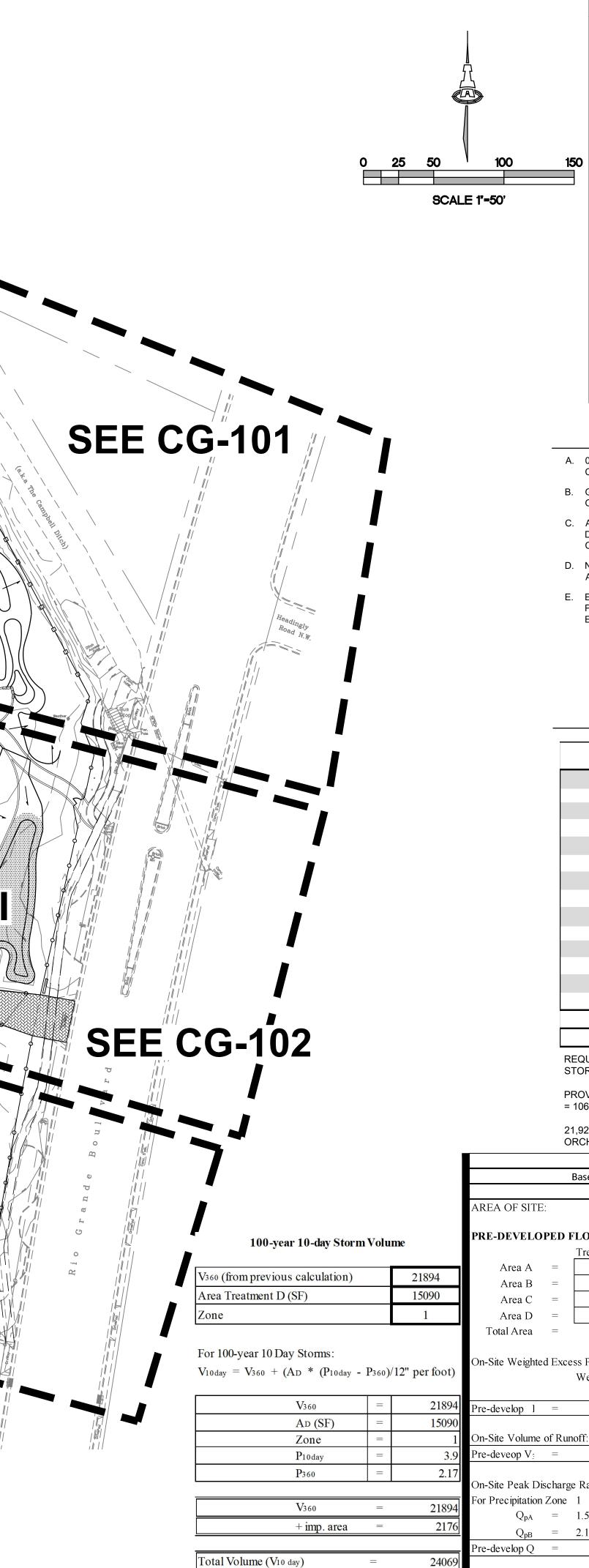


FIRM FLOOD



N 1"=750"± PANEL118

GENERAL NOTE

- A. 0.5' DESIGN CONTOURS SHOWN DASHED WHERE NECE CLARIFY GRADING CONCEPT.
- B. GRADES SHOWN ARE FINAL SURFACE GRADES(TOP OF OF LANDSCAPE MATERIAL, ETC.)
- C. ALL DRAINAGE IMPROVEMENTS SHOWN ON THE APPRO DRAINAGE PLAN MUST BE COMPLETED BEFORE ENGINE CERTIFICATION OF SUBSTANTIAL COMPLIANCE CAN BE
- D. NO WORK SHAL BE PERFORMED IN THE PUBLIC R/W WI APPROVED WORK ORDER OR
- E. EROSION PROTECTION MUST BE PLACED TO PERMIT ST PASS SMOOTHLY. HAND PLACE AT CURB OPENINGS AND ENSURE RUNOFF CAN BE CAPTURED AND CONVEYED P

POND VOLUMES

POND -	VOLUME	Colun
A	966	CF
В	4308	CF
С	7164	CF
D	375	CF
E	647	CF
F	689	CF
G	999	CF
Н	703	CF
1	2440	CF
J	35960	CF
K	48555	CF
L	787	CF
М	1650	CF
Ν	1197	CF

 TOTAL
 106439
 CF

 REQUIRED POND VOLUME BASED ON THE PROPOSED 10

STORM VOLUME = 24,069 CF. PROVIDED VOLUME WITHIN 15 STORMWATER RETENTION

= 106,439 CF.

21,924 CF OF VOLUME IS PROVIDED IN PONDS A-I & L-N) -ORCHARD AREAS.

		CALCU	LATIO	NS: Rio Grande '	Tree Fa	ırm : JU				
		Based on City o	f Albuqu	erque DMP, Article	e 6-2 Hyo	drology da				
100-YEAR, 6-HOUR CALCULATIONS										
AREA OF SITE	:			301806	SF	=				
			100-year, 6-hour							
PRE-DEVELOPED FLOWS:				DEVELOPED F	LOWS:					
		Treatment SF	%	-		Treatmen				
Area A	=	15090	5%	Area A	=	9054				
Area B	=	150903	50%	Area B	=	18108				
Area C	=	132795	44%	Area C	=	9657				
Area D	=	3018	1%	Area D	=	1509				
Total Area	=	301806	100%	Total Area	=	30180				
On-Site Weighte	d Exce	ess Precipitation	(100-Ye	ar, 6-Hour Storm)						
	Weighted E =			$\underline{E_A}A_A + \underline{E_B}A_B + \underline{E_C}A_C + \underline{E_D}A_D$						
				$A_A + A_B + A_C + A_D$						
Pre-develop 1	=	0.83 in.		Developed E	=					
On-Site Volume of Runoff: $V360 =$			E*A / 12							
Pre-deveop V ₃	=	20948	CF	Developed V ₃₆₀	=	2				
On-Site Peak Di	scharg	e Rate: $Qp = Q$	_{pA} A _A +Q ₁	_{bB} A _B +Q _{pC} A _C +Q _{pD} A	A _D / 43,5	60				
For Precipitation		1		- •						
Q_{pA}	=	1.54		QpC	=	2.87				
Q _{pB}	=	2.16		Q _{pD}	=	4.12				
Pre-develop Q	=	17.1	CFS	Developed Q _p	=					
				r						

MAP	C.C	D.A VICINITY M	1AP C	G-12 & G-	13	NO							
		NR-PO-B	6 247A 239 48A 247B 246A 245A 5 P 7 9 - 5 1 3 7 244A 241 5 843		CT 78 6A) 6 R-A	MATI	DATE	DATE	DATE	DATE			
		AREA	Giande Movard 199310-	a spatia suke a k a fr	2 3. 10 10 10 10 10 10 10 10 10 10 10 10 10	NFORM							
	1154 118 W 904 R-4	NR-PO-B SITE		JALLEY AA annot Base B B B B B B B B B B B B B B B B B B B	B B A D D D D D D D D D D D D D D D D D								
	9087 89 72 73 74A	Pro and	3481 34 34 34 34 34	LLEY 9 100 00 22 28 7A	A 1002568 IDEN-SAMOR	BUIL	CTOR)R'S NCE BY	TION BY				
75	GAR 47 2 46A 47 2 46A 468 468 45 (UNIT 3)	DENS R-A 80 A C C C C C C C C C C C C C	338 324 BOULEVARD VIEW	14 14 10 10 10 10 10 10 10 10 10 10	5 1 2 3 5 91 31 4A - 4B - 4C 5 5	AS-	CONTRACTOR WORK STAKED RV	INSPECTOR'S ACCEPTANCE	FIELD VERIFICATION		RECORDED	ON	
	NIX A4			ADDN 5 C 2 R A 16 2 A 16 4 16 4 16 4 16 4 16 4 16 4 16 4 16	1 PLACE 3		1ENT						4
	E ADDN E SP.80.277 27.163 CTGARDEN AADDN AADDN CTGARDEN AADDN CTGARDEN AADDN CTGARDEN ADDN CTGARDEN ADDN CTGARDEN ADDN CTGARDEN ADDN CTGARDEN ADDN CTGARDEN ADDN CTGARDEN ADDN	100 100 <td>1 OS ARTESANOS 1 OS ARTESANOS 1 OS ARTESANOS 1 OF ADIIN 10 1 OF ARTESANOS 1 O</td> <td>API/A 201 RA 201</td> <td></td> <td></td> <td>MONUM</td> <td>AN</td> <td></td> <td></td> <td></td> <td></td> <td>2024</td>	1 OS ARTESANOS 1 OS ARTESANOS 1 OS ARTESANOS 1 OF ADIIN 10 1 OF ARTESANOS 1 O	API/A 201 RA 201			MONUM	AN					2024
	NTPA6 7 9 9 9 9 9 9 9 9 9 9 9 9 9	$\begin{array}{c c} \text{TT} 2 \\ \hline \\ 11A \\ \hline \\ 18B \\ \hline \\ 18B \\ \hline \\ 18B \\ \hline \\ 18B \\ \hline \\ 100 \\ \hline 100 \\ \hline \\ 100 \\ \hline 100 \\ 1$	C STR0-103	A CONTRACTOR OF	AT BATER AT BAT		AGRS N	AVING					, 26,
	^{NS} ₃₇₀ (UNIT 2¥,g ^{sµ}		A 6 72 8 999203 5 8 7 7 46 8034 118 (UNIT 1) 5 8 9 11	A Control of the second		RKS	ON A(8. T					וחר
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	1"=750' G-12 & C	± iDMAS 12 12 12 12 12 12 12 12 12 12 12 12 12		RA CAMPBELD CAMPBELD CAMPBELD CAMPBELD CAMPBELD CAMPBELD CAMPBELD CAMPBELD CAMPBELD CAMPBELD CAMPBELD	88 5 12 FAMM 11 STATES 1	ENCH	BASE	NAVI	73.25				DA ⁻
ES		PROJECT INF	ORN	IATION		B	ARE		OF 49				
ESSARY TO	BOUND	RTY: THIS PROPERTY IS A PREVIO	BELL DITCH	& CHEROKEE RD NW			TIONS	ED 17	TION				
F CONCRETE, TOP	RESIDE	AST BY RIO GRANDE BLVD NW, TO ENTIAL PROPERTY, AND TO THE W DISED IMPROVEMENTS: THE PROPO	EST BY THE	E DURANES ACEQUIA			EVA	TAMP	-EVA				
ROVED GRADING & NEERS E ISSUED.	GENER PARKIN	AL GRADING OF THE SITE, A NEW IG AND PAVING, AND AN IRRIGATION ATER DISTRIBUTION THROUGHOU	WALKING P	ATH WITH ASSOCIAT	ED								
/ITHOUT AN		<u>O BE DEVELOPED:</u> 6.93 ACRES±				NOI	DAT						ERY
STORMWATER TO ND SWALES TO PROPERLY.	BENCH	TRACT A-1-B REVISED PLAT OF T <u>MARK</u> : ELEVATIONS ARE BASED U	JPON AGRS	MONUMENT STAMPE	ED	ORMAT	TES						NURSERY
	FLOOD	NAVD 1988. HAVING AN ELEVATIO <u>HAZARD</u> : PER BERNALILLO COUN 08. THIS SITE IS LOCATED WITHIN	TY FIRM MA	P #35001C0118G EFF		<u> </u>	D NOTE: BY						
	AREAS	YOR: RIO GRANDE SURVEYING CO	TO LEVEE.		5		FIELD						TREE
S	DRAINA	AGE PLAN CONCEPT: IN THE PROF	POSED CONI	DITION WATER IS	ΓY	SURVEY	.0						NDE
mn1 💌	EXCEE	DS 100-YEAR 10-DAY VOLUME.					Ż						GRANDE
_		LEGE				SEAL		AND NE	ve VE	L. D	Inning and		RIO (
		94		ED 1.0' CONTOUR LE PONDING		AL	139 LI	A A	N ME	<u> `</u> 6	ART 43		
						CTUR		SE A	OFES	SIONAL	Carles and a second		
-				NCE		CHITE	E	sen D	en	7	- - 31-20)24	
	TARGE	<u>/ALK(S) AND RAMP(S):</u> ET CROSS SLOPE = 1% TO 1.5%. DNGITUDINAL SLOPE SHALL NOT			CEED	AR							X
	TARGE	<u>SSIBLE RAMP(S):</u> ET LONGITUDINAL SLOPE = 7% L ED 12:1 (8.3%). TARGET CROSS \$							ВҲ		4	4 4	XXXXXX
	ACCES	NOT EXCEED 2%.									26/2024	26/2024 26/2024	
00-YEAR 10-DAY		ET SLOPE = 1% TO 1.5%. SLOPE IRECTION	SHALL NOT	EXCEED 2% SLOPE	IN						07/2	07/2	PROJECT#
ON PONDING AREAS		Isaacson	2 & ¹⁹⁵ 0			ONS			RKS		DATE	DATE DATE	PRO
- THE NON			Arfma	n , Inc. ng Consultants		EVISI(EMAR				
ULY 26, 2024 dated June 26, 2020				nroe Street NE gue, NM 87108		R			2				
IS = 6.93 ACRE		505-	268-8828 w	ww.iacivil.com							BJB	BJB/BK FCA	
EXCESS PREC	2 IP: 1			NO					Ш		BY: B		
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		plandcollab.c		505 268 2266 Y OF ALBUQ					0 Z		DESIGN	DRAWN CHECKE	
			RATEGI	C PLANNING D RECREATIO	; AND) D	ESIC		Т				
0.87 in.				RANDE TREE									
		OVERALL GRADING & DRAINAGE PLAN Design Review Committee City Engineer Approval Mo./Day/Yr. Mo./Day/Yr.											
21894 CF				J	ign								
					Last Design Update								
17.1 CFS		City Project No.		Zone Map No. G12, G			Shee	^t C	G	-10)0		
				\square \bigcirc \square \square \bigcirc \square	J								J

