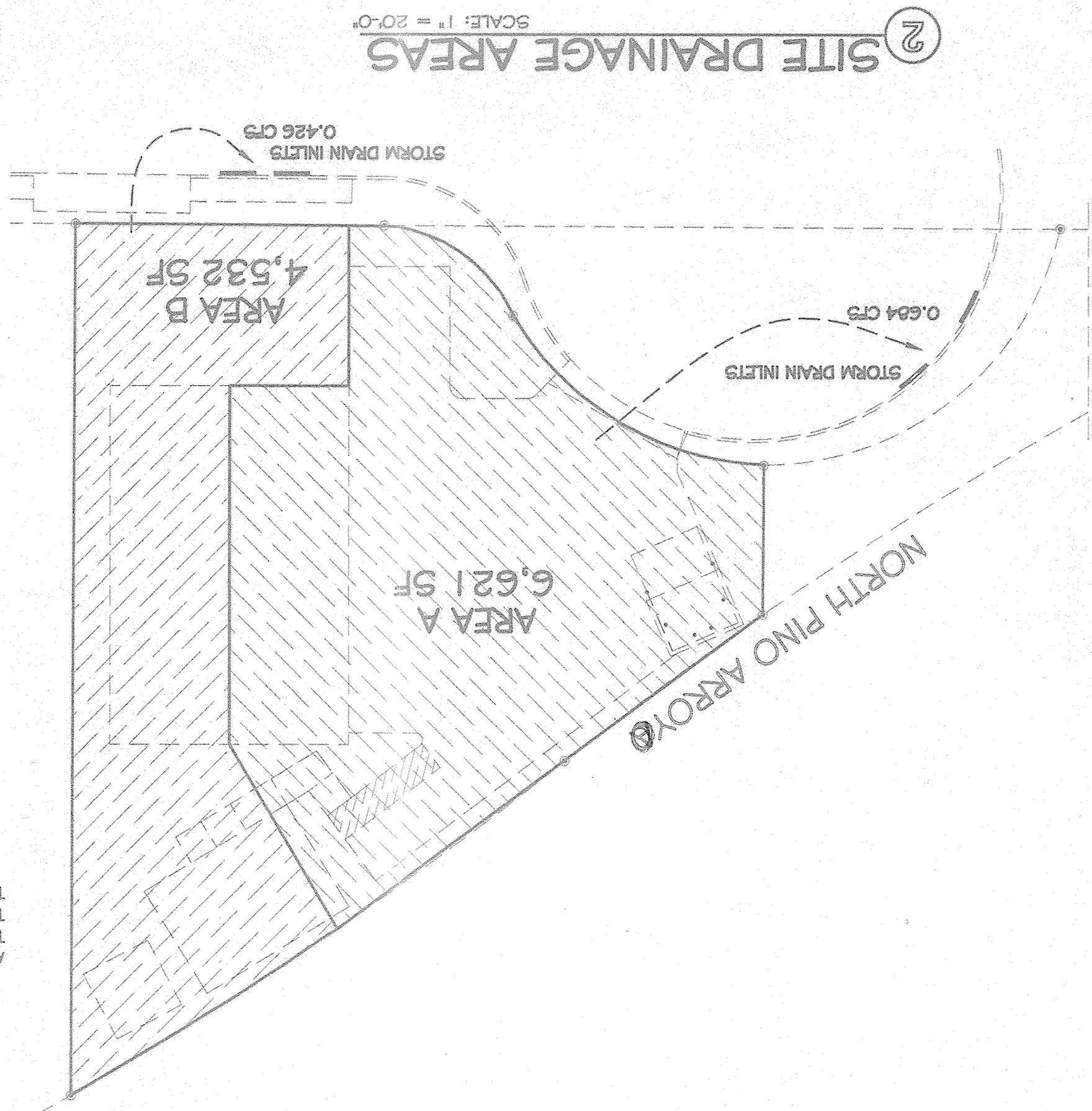




NOTE:

PROPERTY IS LOCATED WITHIN ZONE "X", DESIGNATING AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAN ACCORDING TO THE FLOOD INSURANCE RATE MAP, BREVINLUOTO COUNTY, NEW KENY KENYA AND INCORPORATING AREAS PER MAP NO. 35000 (10/17/21), EFFECTIVE DATE SEPTEMBER 20, 1986.

SITE DRAINAGE:

AREA B: 6.621 SF = 1.152 ACRES	TREATMENT B: 613 SF = 0.019 AC	TREATMENT C: 670 SF = 0.020 AC
100 YR	4,398 SF = 0.113 AC	
Q = C/A = B	Q = 48.5 * 5.36 = 0.049	Q = 64.5 * 5.36 = 0.069
Q = C/A = D	Q = 64.5 * 5.36 = 0.069	Q = 64.5 * 5.36 = 0.069
TOTAL DISCHARGE AREA A: 0.624 CFS		
0.447 CFS		

AREA B: 4.533 SF = 0.104 ACRES	TREATMENT B: 644 SF = 0.015 AC	TREATMENT C: 2,249 SF = 0.052 AC
100 YR	1,631 SF = 0.037 AC	
Q = C/A = B	Q = 48.5 * 5.36 = 0.039	Q = 64.5 * 5.36 = 0.127
Q = C/A = D	Q = 64.5 * 5.36 = 0.127	Q = 64.5 * 5.36 = 0.127
TOTAL DISCHARGE AREA B: 0.426 CFS		
0.266 CFS		

TOTAL STORAGE DRAIN DISCHARGE: 1,109 CFS (100 YR) 0.715 CFS (10 YR)		
10 YR		
Q = C/A = B	Q = 3.3 * 3.65 = 0.015	Q = 3.3 * 3.65 = 0.016
Q = C/A = D	Q = 3.3 * 3.65 = 0.037	Q = 3.3 * 3.65 = 0.074
TOTAL DISCHARGE AREA B: 0.426 CFS		
0.266 CFS		

NOTE:
PROPERTY IS LOCATED WITHIN ZONE 1X, DESIGNATING AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN ACCORDING TO THE FLOOD INSURANCE RATE MAP, BERNALILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS PER MAP NO. 35001 CO 137D, EFFECTIVE DATE SEPTEMBER 20, 1996.



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HYDROLOGY SECTION

3 DRAINAGE PLAN
SCALE: 1" = 10'-0"

DATE	FEB 2005
PROJ NO	05-005
DRAWN BY	

PROJECT
STORAGE BUILDING -- WANDA PITTS
5701 CORONADO AVENUE NE ALBUQUERQUE, NEW MEXICO



OR SAN RAFAEL
 ALBUQUERQUE, NEW MEXICO
 INNER CITY DEVELOPMENT
 CORPORATION

AREA A: 6,621 SF = .152 ACRES
TREATMENT B: 813 SF = 0.019 AC
TREATMENT C: 870 SF = 0.020 AC
TREATMENT D: 4,938 SF = 0.113 AC

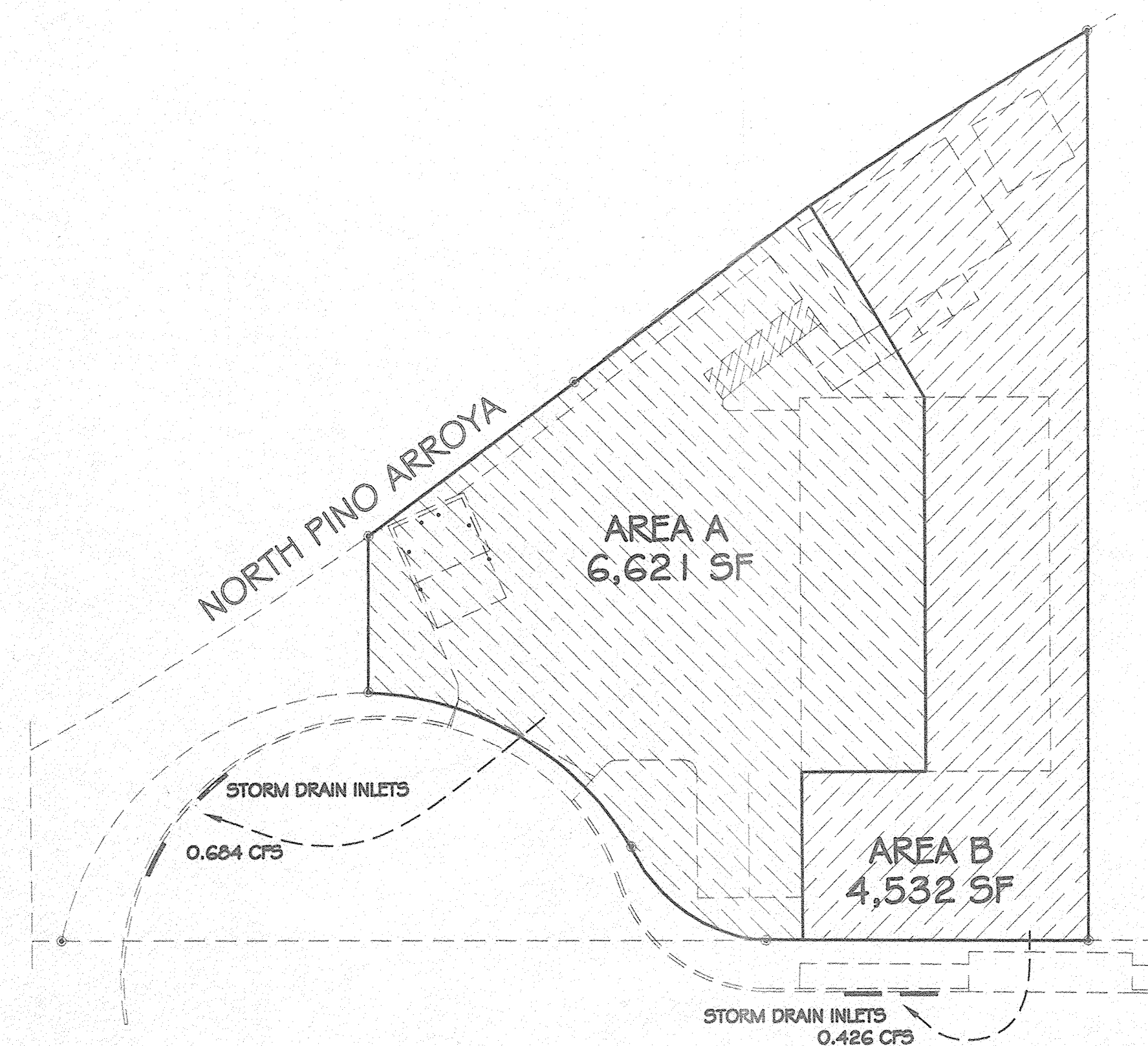
	100 YR	10 YR
Q = CIA = B $(0.46 * 5.38 * 0.019)$	$= 0.049$	$(0.33 * 3.65 * 0.019) = 0.023$
Q = CIA = C $(0.64 * 5.38 * 0.020)$	$= 0.069$	$(0.55 * 3.65 * 0.020) = 0.040$
Q = CIA = D $(0.93 * 5.38 * 0.113)$	$= 0.565$	$(0.93 * 3.65 * 0.113) = 0.384$
TOTAL DISCHARGE AREA A:	0.684 CFS	0.447 CFS

AREA B: 4,523 SF = .104 ACRES
TREATMENT B: 644 SF = 0.015 AC
TREATMENT C: 1,631 SF = 0.037 AC
TREATMENT D: 2,248 SF = 0.052 AC

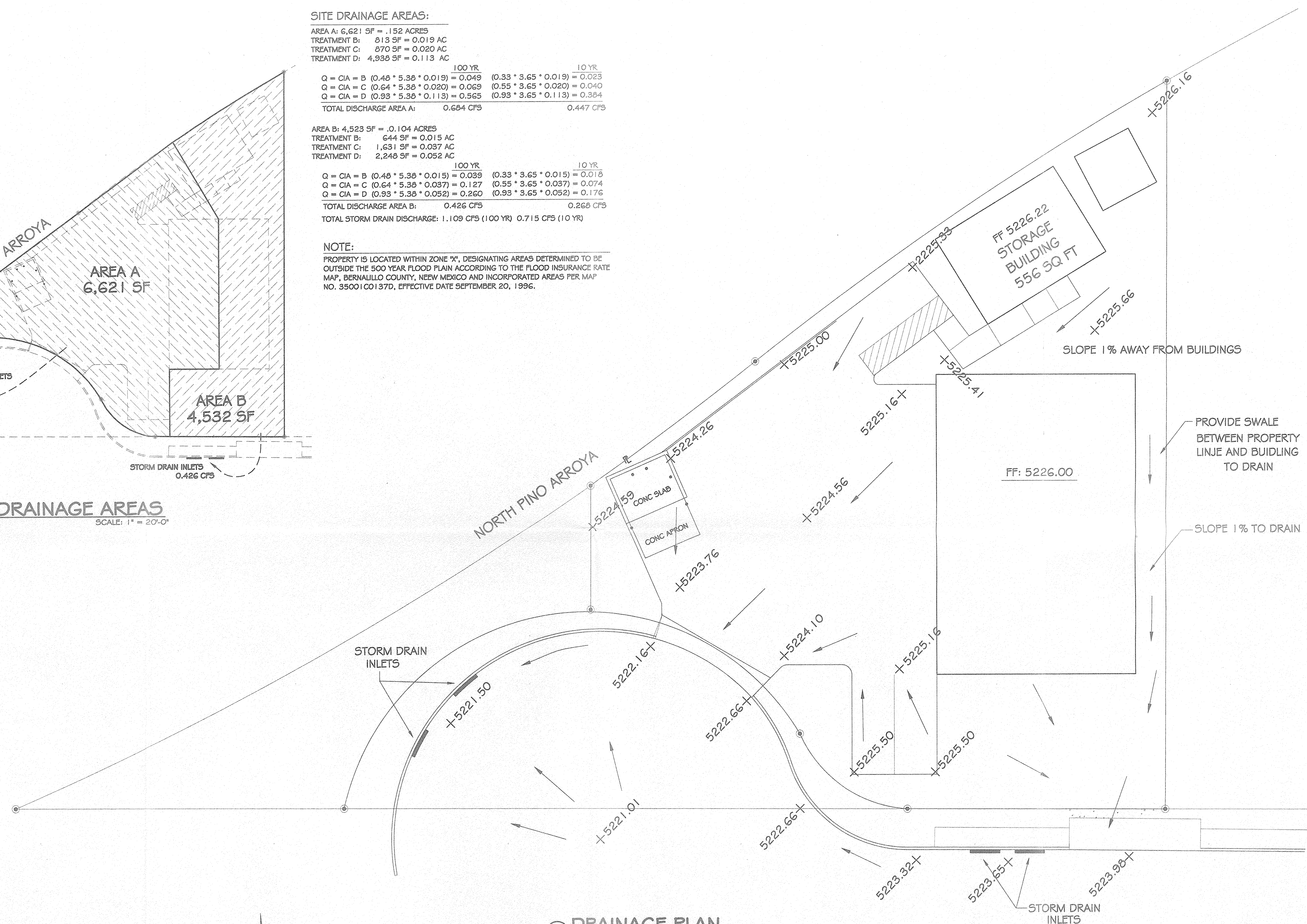
TREATMENT D:	2.165 OF = 0.035 AC	100 YR	10 YR
Q = CIA = B	$(0.48 * 5.38 * 0.015) = 0.039$	$(0.33 * 3.65 * 0.015) = 0.018$	
Q = CIA = C	$(0.64 * 5.38 * 0.037) = 0.127$	$(0.55 * 3.65 * 0.037) = 0.074$	
Q = CIA = D	$(0.93 * 5.38 * 0.052) = 0.260$	$(0.93 * 3.65 * 0.052) = 0.176$	
TOTAL DRAINAGE AREA B:	0.426 CFS		0.268 CFS
TOTAL STORM DRAIN DISCHARGE:	1.109 CFS (100 YR)	0.715 CFS (10 YR)	

NOTE:

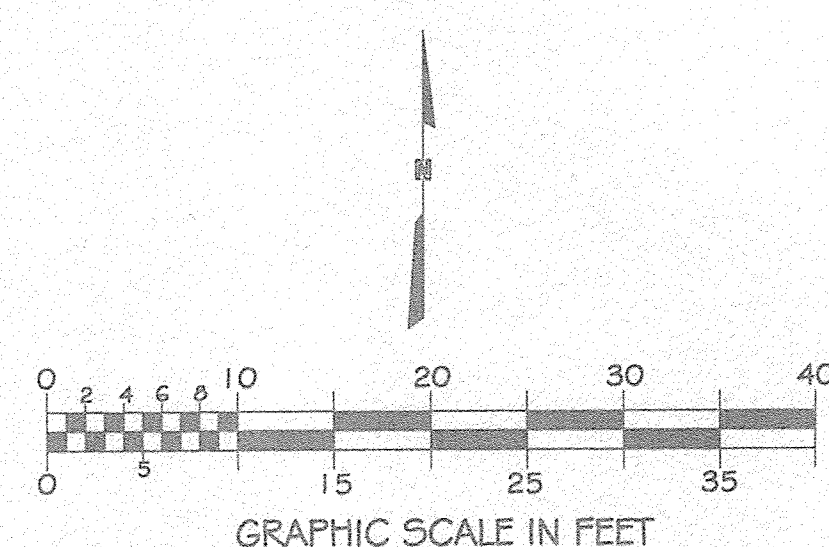
PROPERTY IS LOCATED WITHIN ZONE "X", DESIGNATING AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN ACCORDING TO THE FLOOD INSURANCE RATE MAP, BERNALILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS PER MAP NO. 35001CO137D, EFFECTIVE DATE SEPTEMBER 20, 1996.



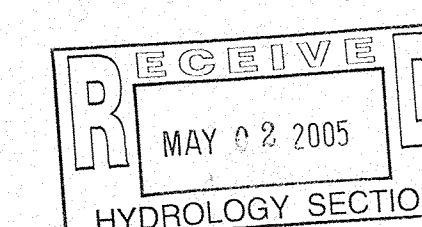
2 SITE DRAINAGE AREAS



③ DRAINAGE PLAN



5701 CORONADO AVE NE



TITLE

DRAINAGE PLAN

INNER CITY DEVELOPMENT CORPORATION

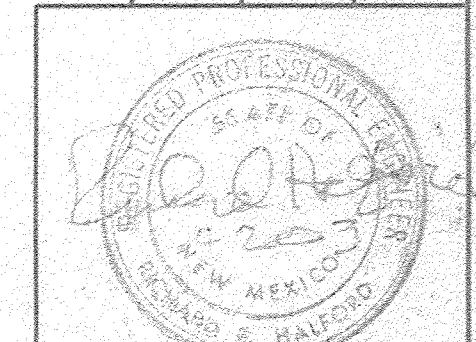
PROJECT
STORAGE BUILDING -- WANDA PITTS
5701 CORONADO AVENUE NE ALBUQUERQUE, NEW MEXICO

PROJECT

DATE FEB 2005

PROJ NO
05-005

05-005
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1 OF 1
INCLUDED ON SHEET
2 OF PERMIT SET