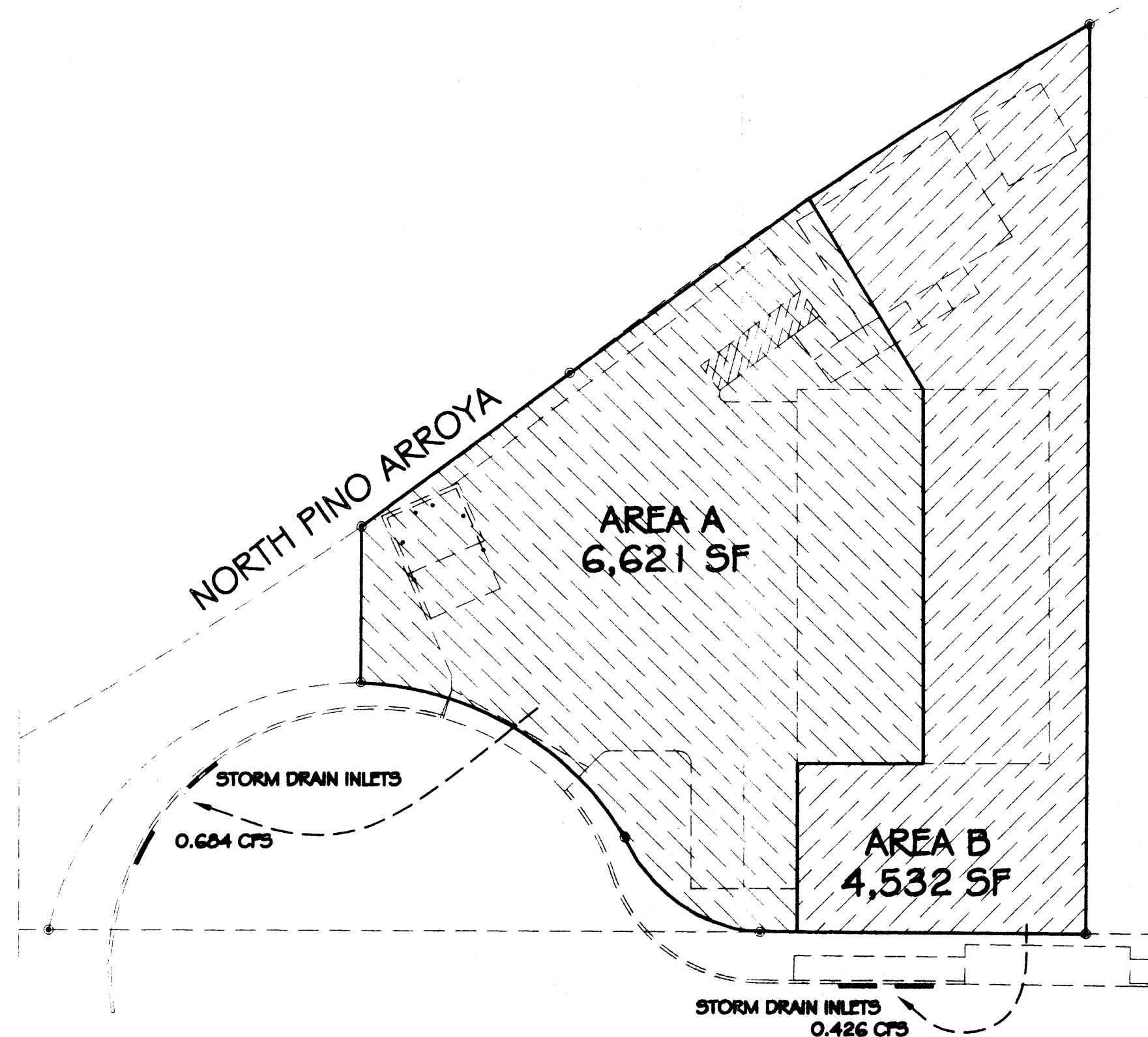




② SITE DRAINAGE AREAS
SCALE: 1" = 20'-0"

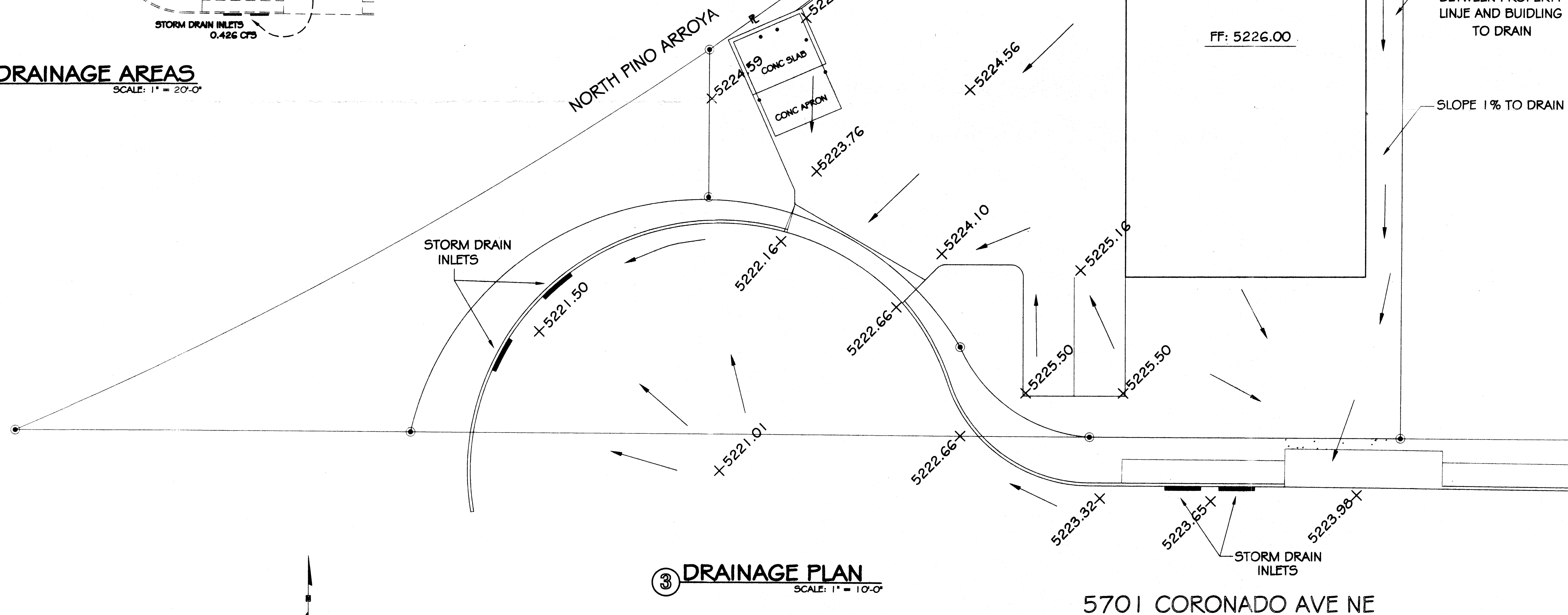
SITE DRAINAGE AREAS:

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	
Q = CIA = B (0.48 * 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

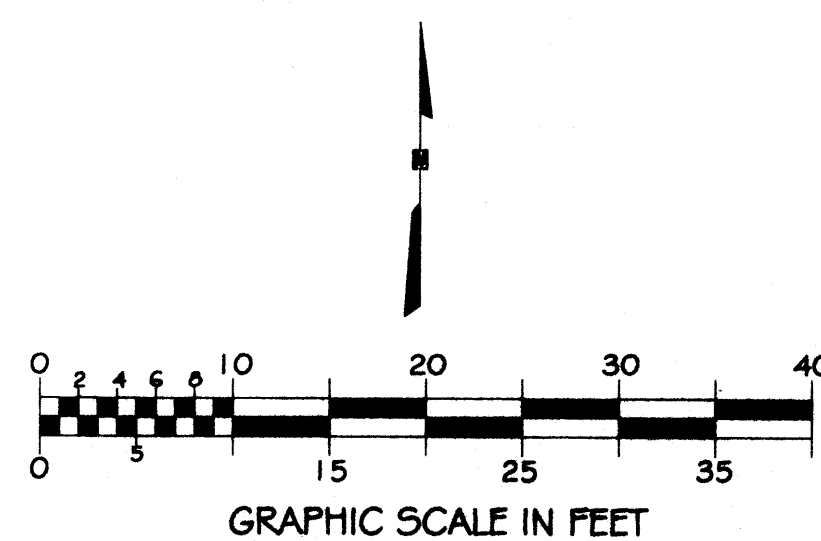
AREA B: 4,523 SF = .104 ACRES	
TREATMENT B: 644 SF = 0.015 AC	
TREATMENT C: 1,631 SF = 0.037 AC	
TREATMENT D: 2,248 SF = 0.052 AC	
Q = CIA = B (0.48 * 5.38 * 0.015) = 0.039	(0.33 * 3.65 * 0.015) = 0.018
Q = CIA = C (0.64 * 5.38 * 0.037) = 0.127	(0.55 * 3.65 * 0.037) = 0.074
Q = CIA = D (0.93 * 5.38 * 0.052) = 0.260	(0.93 * 3.65 * 0.052) = 0.176
TOTAL DISCHARGE AREA B:	0.426 CFS
TOTAL STORM DRAIN DISCHARGE:	1.109 CFS (100 YR) 0.715 CFS (10 YR)

NOTE:

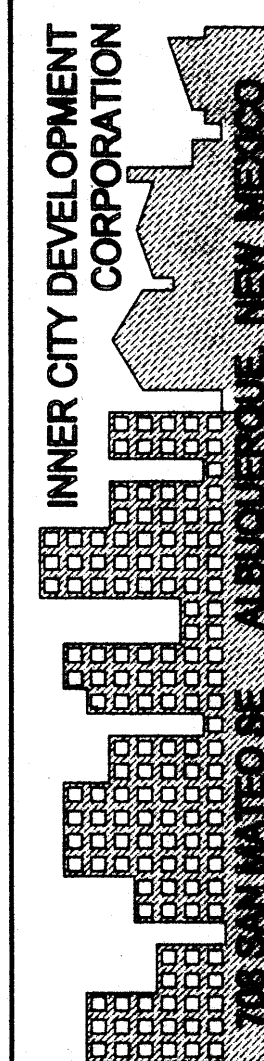
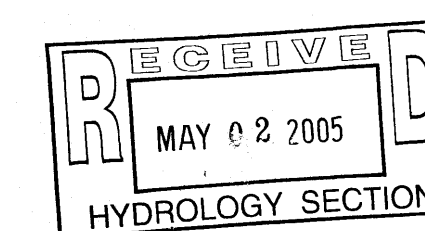
PROPERTY IS LOCATED WITHIN ZONE "X", DESIGNATING AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN ACCORDING TO THE FLOOD INSURANCE RATE MAP, BERNALILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS PER MAP NO. 3500100137D, EFFECTIVE DATE SEPTEMBER 20, 1996.



③ DRAINAGE PLAN
SCALE: 1" = 10'-0"

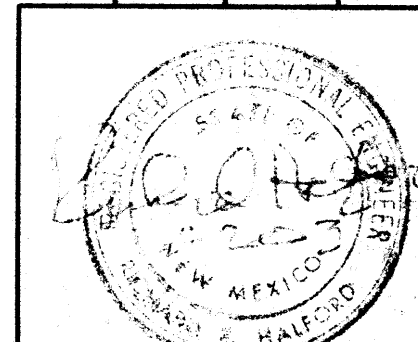


5701 CORONADO AVE NE



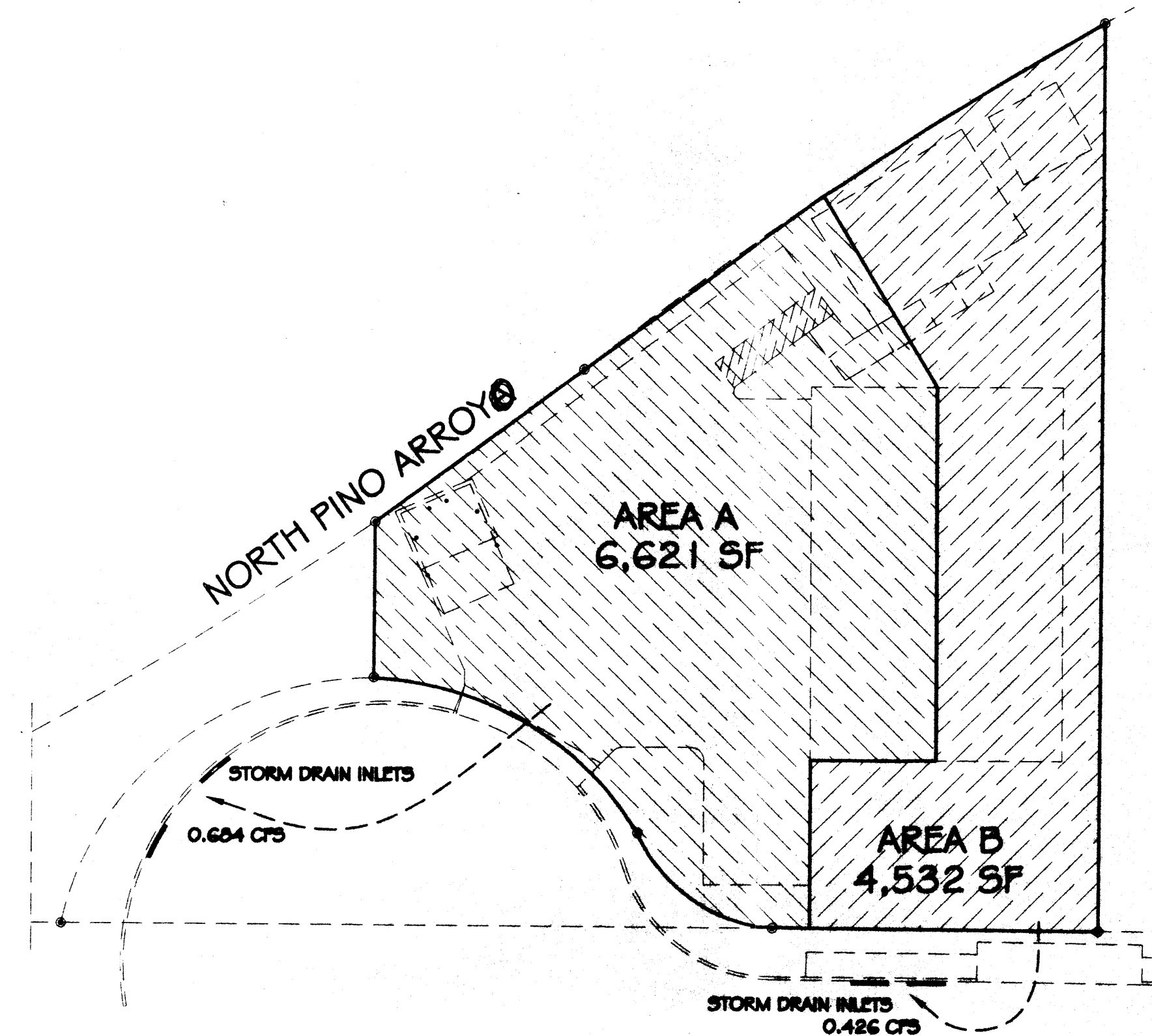
PROJECT
STORAGE BUILDING -- WANDA PITTS
5701 CORONADO AVENUE NE ALBUQUERQUE, NEW MEXICO

DATE FEB 2005
PROJ NO 05-005
DRAWN BY



TITLE
DRAINAGE PLAN

1 OF 1
INCLUDED ON SHEET
2 OF PERMIT SET



SITE DRAINAGE AREAS:

AREA A: 6,621 SF = .152 ACRES
 TREATMENT B: 813 SF = 0.019 AC
 TREATMENT C: 870 SF = 0.020 AC
 TREATMENT D: 4,936 SF = 0.113 AC

100 YR
 $Q = CIA = B (0.46 \times 5.36 \times 0.019) = 0.049$ $(0.33 \times 3.65 \times 0.019) = 0.023$
 $Q = CIA = C (0.64 \times 5.36 \times 0.020) = 0.069$ $(0.55 \times 3.65 \times 0.020) = 0.040$
 $Q = CIA = D (0.93 \times 5.36 \times 0.113) = 0.565$ $(0.93 \times 3.65 \times 0.113) = 0.364$
 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: 2,246 SF = 0.052 AC

100 YR
 $Q = CIA = B (0.46 \times 5.36 \times 0.015) = 0.039$ $(0.33 \times 3.65 \times 0.015) = 0.018$
 $Q = CIA = C (0.64 \times 5.36 \times 0.037) = 0.127$ $(0.55 \times 3.65 \times 0.037) = 0.074$
 $Q = CIA = D (0.93 \times 5.36 \times 0.052) = 0.260$ $(0.93 \times 3.65 \times 0.052) = 0.176$
 TOTAL DISCHARGE AREA B: 0.426 CFS 0.265 CFS

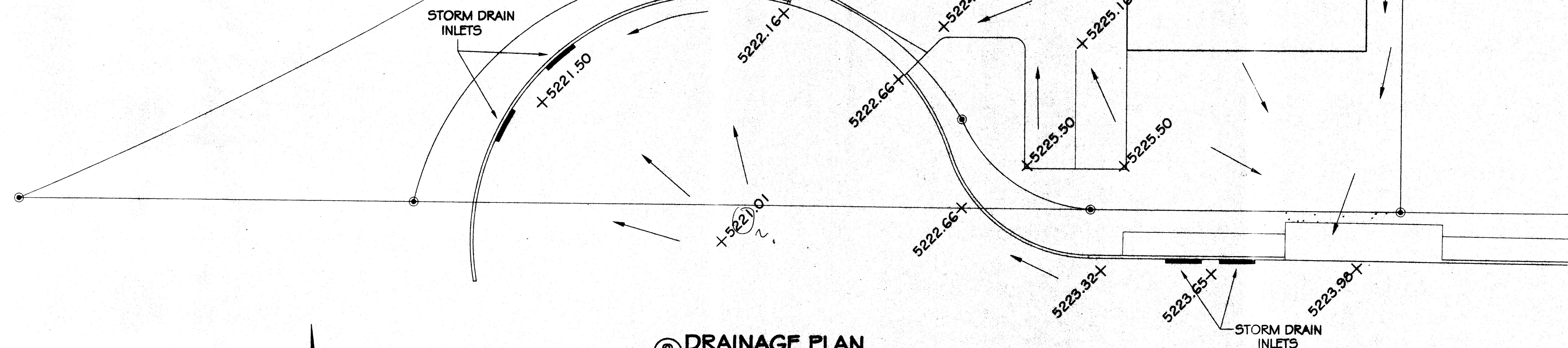
TOTAL STORM DRAIN DISCHARGE: 1.109 CFS (100 YR) 0.715 CFS (10 YR)

NOTE:

PROPERTY IS LOCATED WITHIN ZONE "X", DESIGNATING AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAN ACCORDING TO THE FLOOD INSURANCE RATE MAP, BERNALILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS PER MAP NO. 35001C0137D, EFFECTIVE DATE SEPTEMBER 20, 1996.

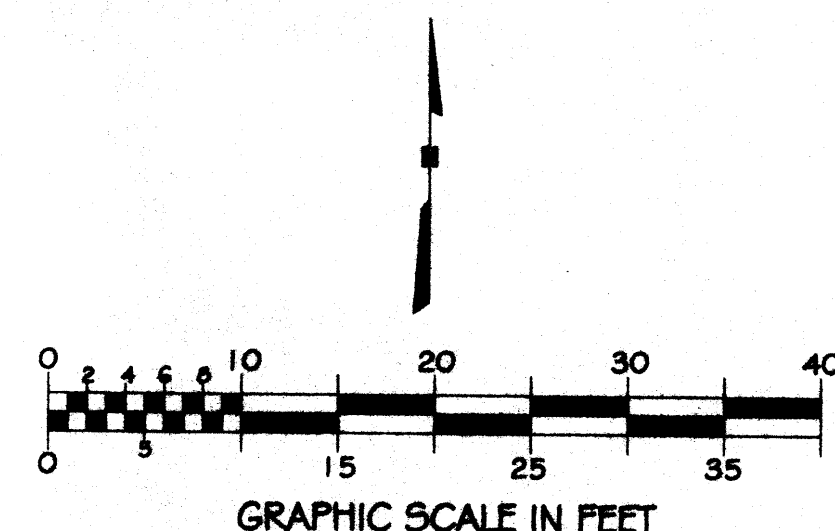
2 SITE DRAINAGE AREAS

SCALE: 1" = 20'-0"

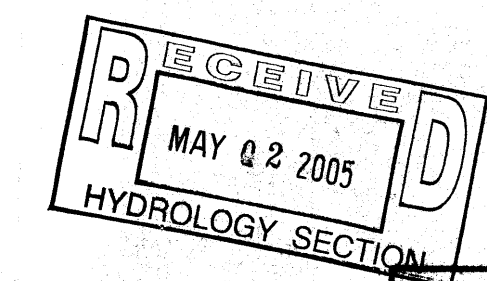


3 DRAINAGE PLAN

SCALE: 1" = 10'-0"

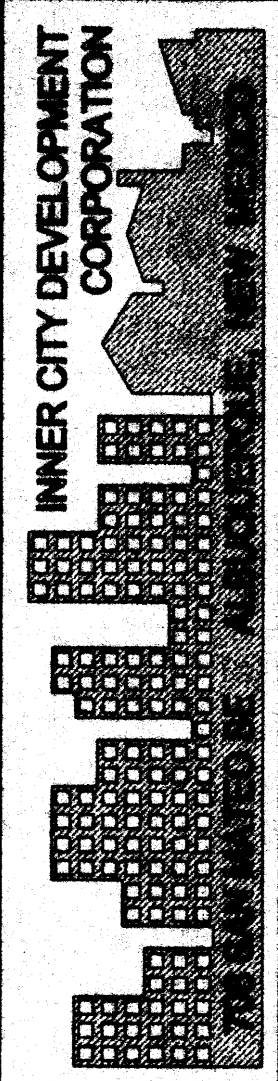


5701 CORONADO AVE NE



TITLE

DRAINAGE PLAN



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

DATE FEB 2005
 PROJ NO 05-005
 DRAWN BY



1 of 1
 INCLUDED ON SHEET 2 OF PERMIT SET