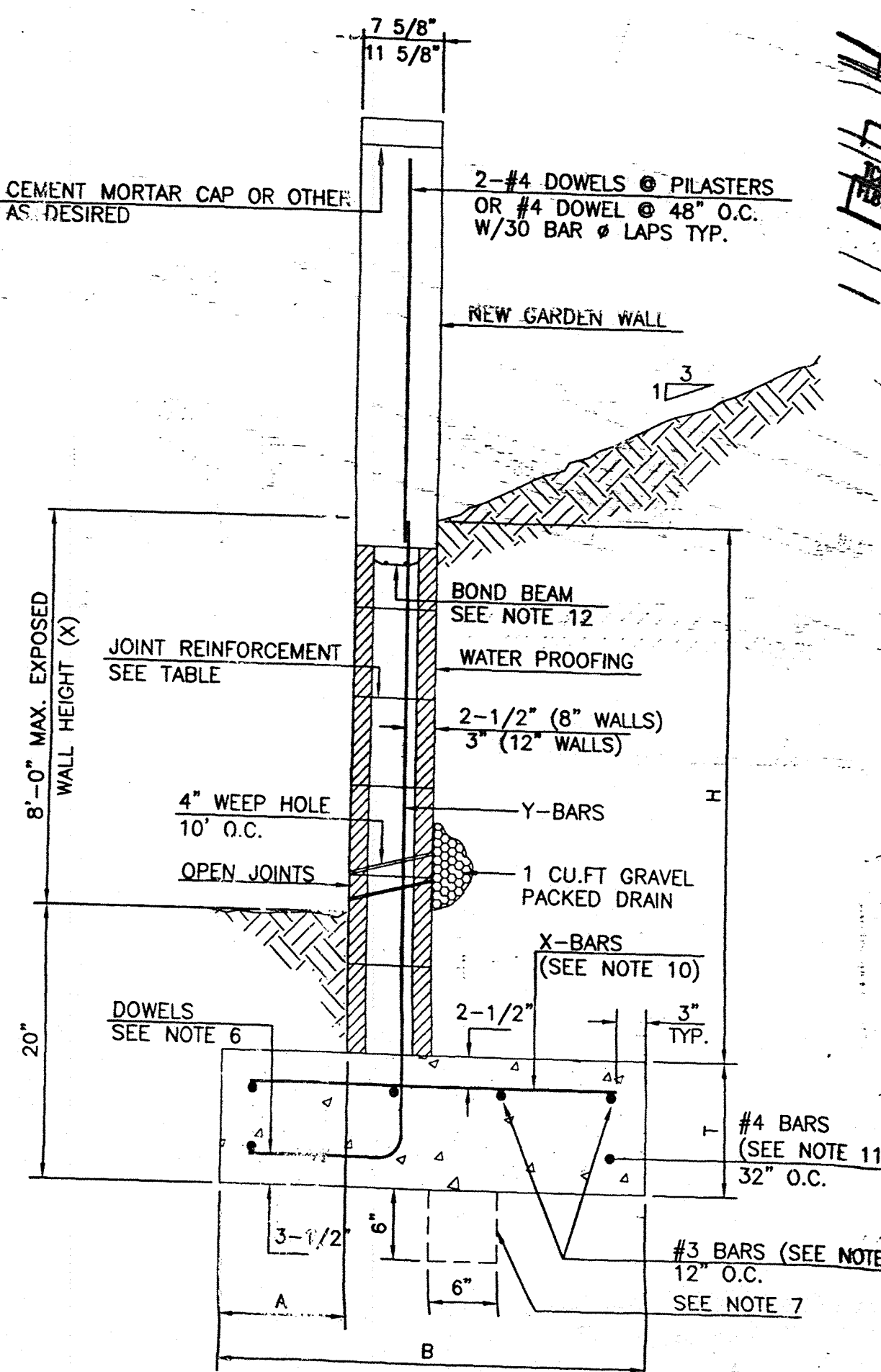




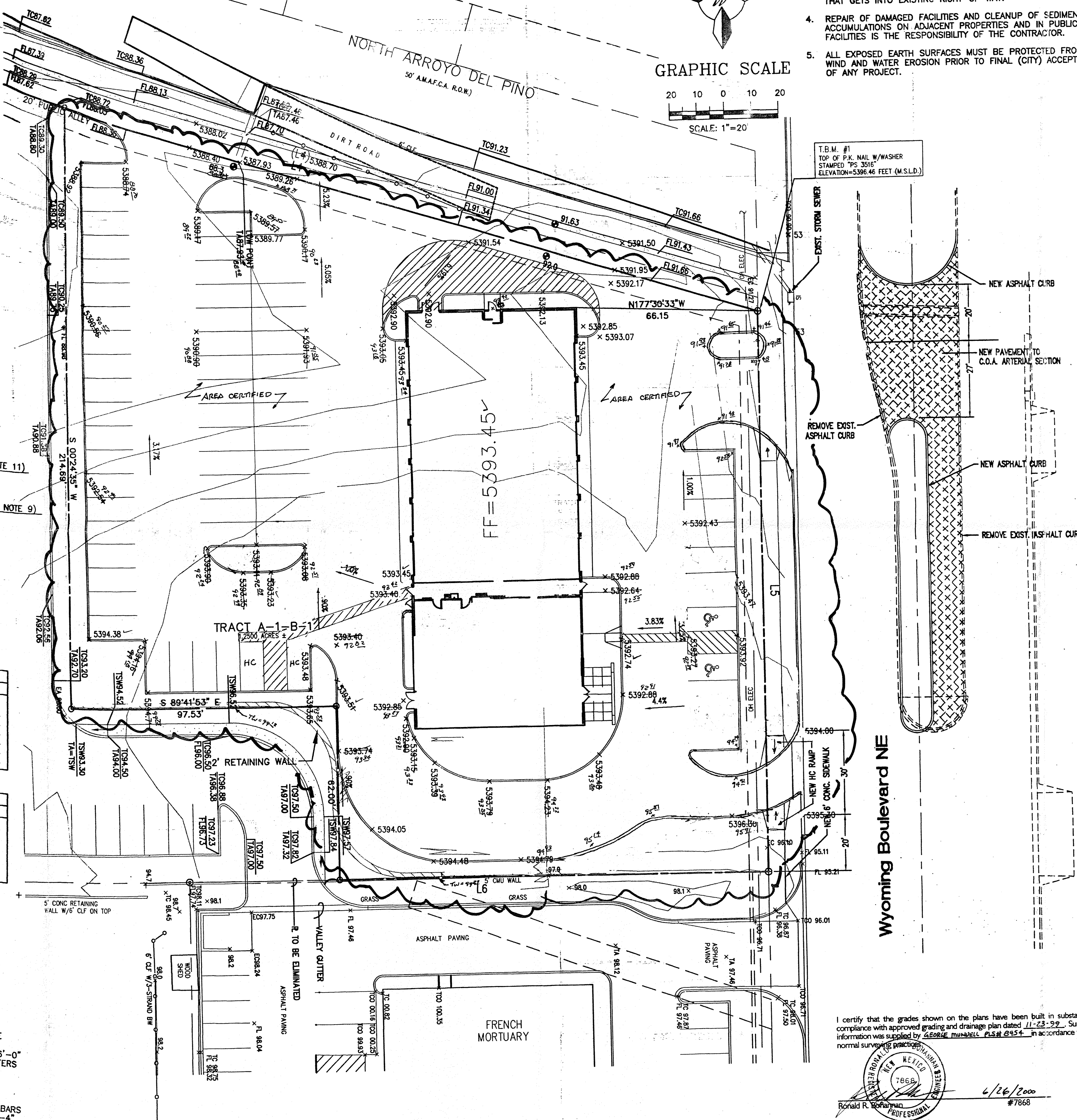
RETAINING WALL DETAIL
NOT TO SCALE

8 INCH REINFORCED CONCRETE MASONRY WALL							
H	X	A	B	T	Y-BARS	X-BARS	
ft.-in.	ft.-in.	in.	ft.-in.	in.			
2'-0"	1'-1"	8"	2'-4"	9"	#3 @ 32" O.C.	#3 @ 27" O.C.	
2'-4"	1'-5"	8"	2'-9"	9"	#4 @ 32" O.C.	#3 @ 27" O.C.	
2'-8"	1'-9"	8"	2'-4"	9"	#3 @ 32" O.C.	#3 @ 27" O.C.	
3'-0"	2'-1"	10"	2'-9"	9"	#4 @ 32" O.C.	#3 @ 27" O.C.	
3'-4"	2'-5"	10"	3'-4"	10"	#5 @ 32" O.C.	#3 @ 27" O.C.	
3'-8"	2'-9"	12"	3'-8"	10"	#5 @ 32" O.C.	#3 @ 27" O.C.	
4'-0"	3'-1"	12"	4'-0"	12"	#6 @ 32" O.C.	#4 @ 30" O.C.	
4'-4"	3'-5"	14"	4'-4"	12"	#6 @ 32" O.C.	#4 @ 30" O.C.	
4'-8"	3'-9"	16"	4'-8"	12"	#6 @ 32" O.C.	#4 @ 30" O.C.	

12 INCH REINFORCED CONCRETE MASONRY WALL							
H	X	A	B	T	Y-BARS	X-BARS	
ft.-in.	ft.-in.	in.	ft.-in.	in.			
5'-4"	4'-8"	14"	3'-8"	10"	#4 @ 24" O.C.	#3 @ 25" O.C.	
6'-0"	5'-4"	15"	4'-2"	12"	#4 @ 16" O.C.	#4 @ 30" O.C.	
6'-8"	6'-0"	16"	4'-6"	12"	#5 @ 24" O.C.	#4 @ 22" O.C.	
7'-4"	6'-8"	18"	4'-10"	12"	#5 @ 16" O.C.	#5 @ 26" O.C.	
8'-0"	7'-4"	20"	5'-4"	12"	#7 @ 24" O.C.	#5 @ 21" O.C.	
8'-8"	8'-0"	20"	5'-8"	12"	#7 @ 16" O.C.	#5 @ 21" O.C.	

GENERAL NOTES:

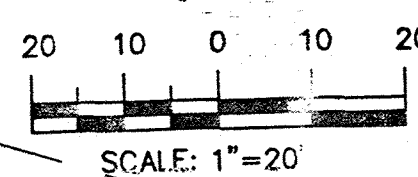
- ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
- MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE $\pm 2.0\%$.
- BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
- ALL BARS ARE TO BE GRADE 60, ASTM 615.
- TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
- DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO V-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
- PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0" USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.
- #3 BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT
- #4 BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT
- #4 BARS TO BE USED ON WALLS SMALLER THAN 3'-4"
- BOND BEAM, 1-#4 BARS FOR WALLS UNDER 3'-4", 2-#4 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".



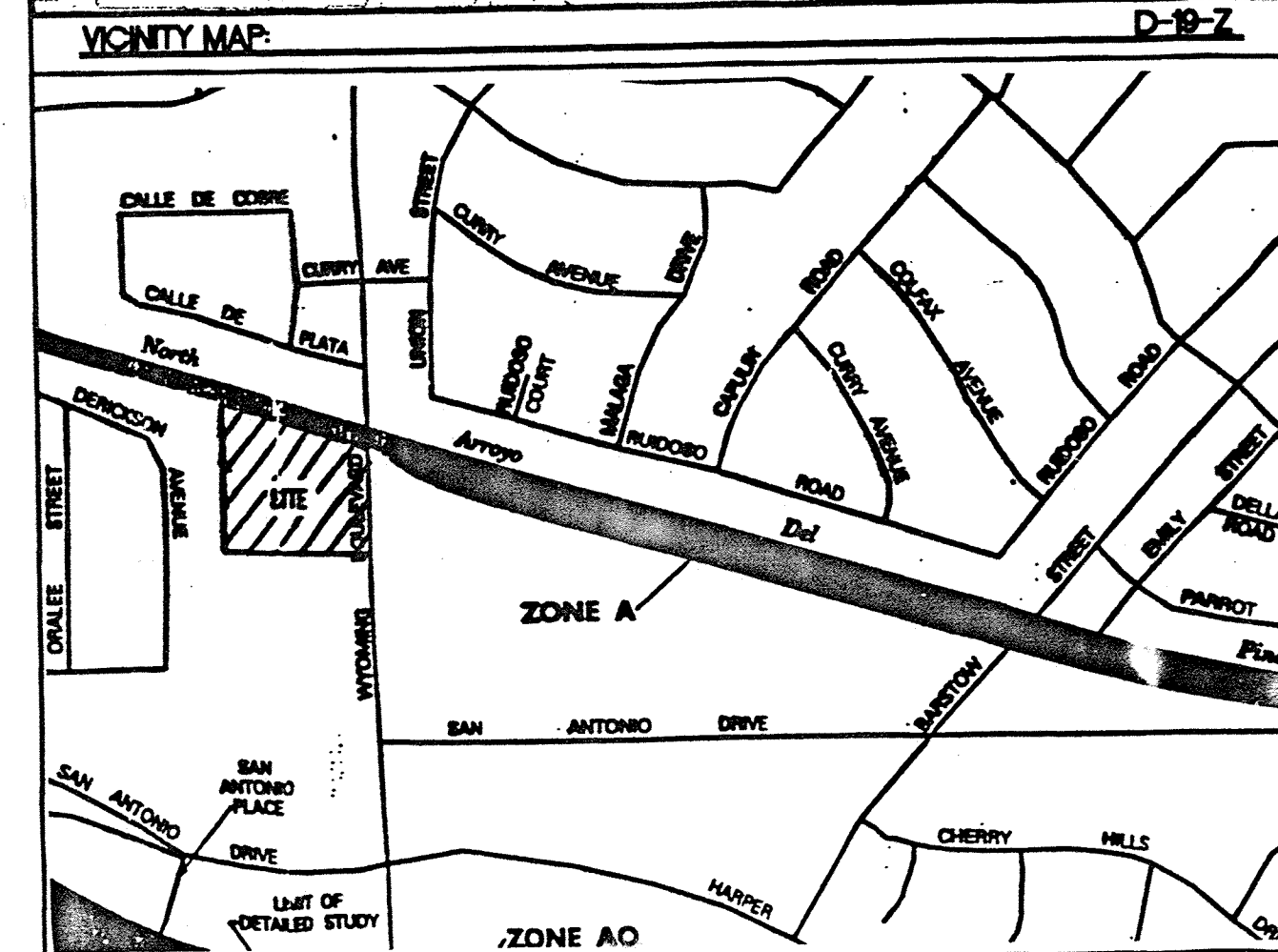
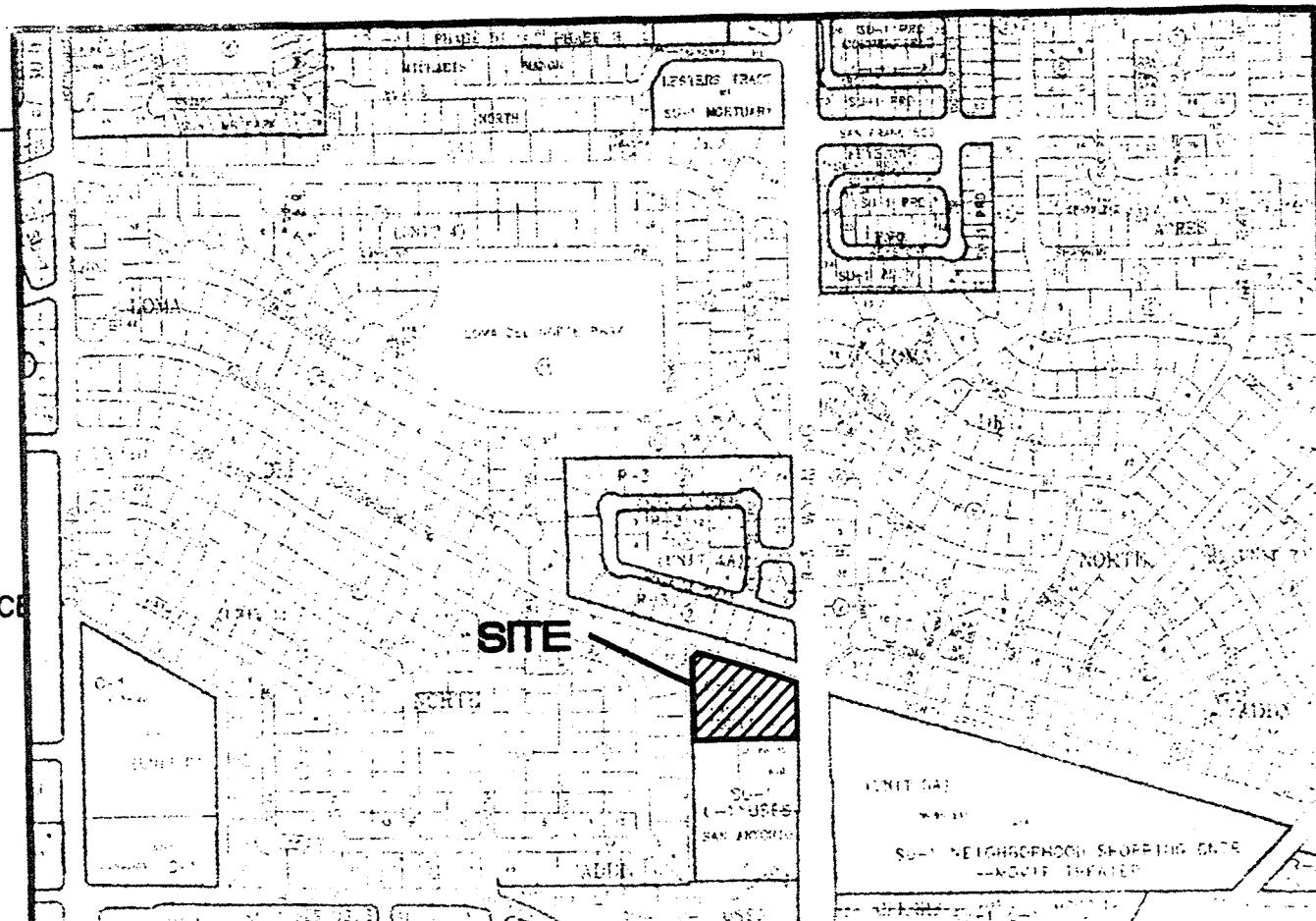
EROSION CONTROL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

GRAPHIC SCALE



T.B.M. #1
TOP OF P.K. NAIL W/WASHER
STAMPED "PS 3516"
ELEVATION=5396.46 FEET (M.S.L.D.)



LEGEND

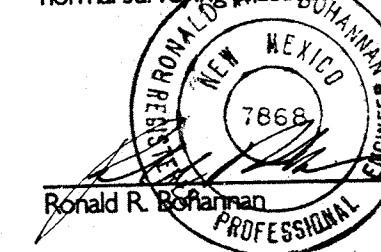
- EXISTING SAS MANHOLE
- EXISTING METER
- EXISTING VALVE W/BOX
- EXISTING FIRE HYDRANT
- EXISTING AIR RELEASE VALVE
- EXISTING REDUCER
- EXIST. 8" SAS
- EXIST. 16" WL
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- PROPOSED SIDEWALK

ROUGH GRADING APPROVAL

DATE

ENGINEER'S SEAL RONALD R. BOHANNON P.E. #7868	CHRYSLER SERVICE CENTER GRADING AND DRAINAGE PLAN TIERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592	DRAWN BY: WCWJ DATE: 11-23-99 990009GR1.DWG
		SHEET # JOB # 990009

I certify that the grades shown on the plans have been built in substantial compliance with approved grading and drainage plan dated 11-23-99. Survey information was supplied by GEORGE M. HANDEL, PLS # 8954, in accordance with normal surveying practices.



6/26/2000
#7868