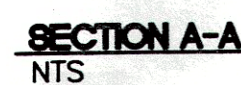


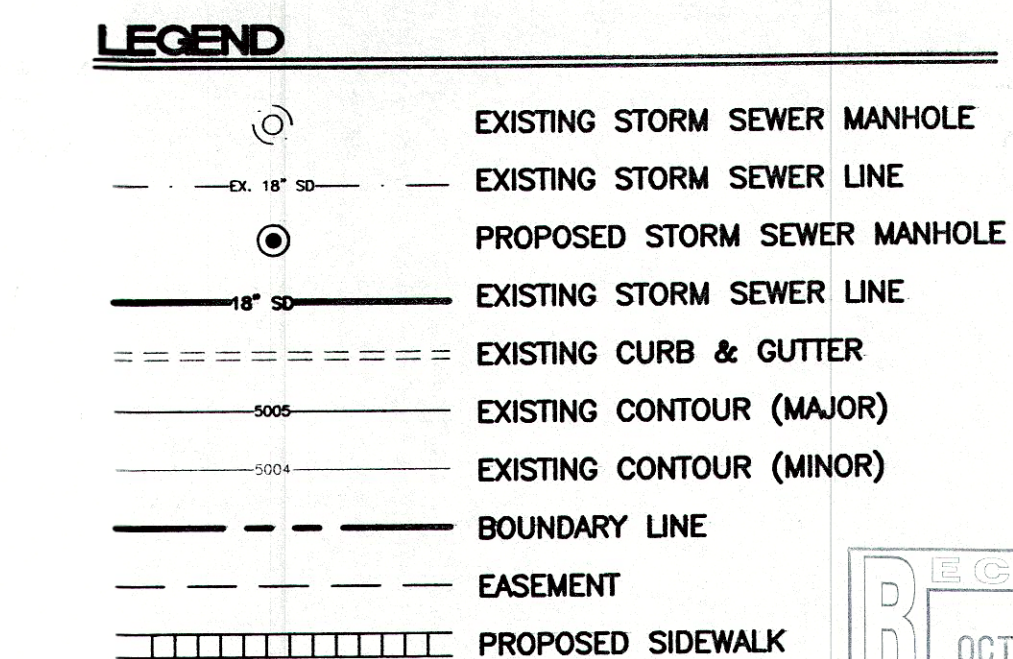


12 INCH REINFORCED CONCRETE MASONRY WALL							
H	X	A	B	T	Y-BARS	X-BARS	
ft.-in.	ft.-in.	ft.-in.	ft.-in.	ft.-in.			
5'-4"	4'-8"	14"	3'-8"	10"	#4 024" O.C.	#3 030" O.C.	
5'-4"	5'-4"	15"	4'-2"	12"	#4 018" O.C.	#4 025" O.C.	
6'-8"	6'-0"	16"	4'-6"	12"	#6 024" O.C.	#4 022" O.C.	
7'-4"	6'-8"	18"	4'-10"	12"	#5 016" O.C.	#5 026" O.C.	
8'-0"	7'-4"	20"	5'-4"	12"	#7 024" O.C.	#5 021" O.C.	
8'-8"	8'-0"	20"	5'-8"	12"	#7 016" O.C.	#5 021" O.C.	

1. ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE 10%.
3. BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
4. ALL BARS ARE TO BE GRADE 60, ASTM 615.
5. TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
6. DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO Y-BARS SHALL BE 1" LONGER THAN THE BAR DIA INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
7. Y-BARS FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0" TO USE EITHER EXPANSION JOINTS @ 20' CENTERS OR PILEDRS EVERY 16'.
8. #3 BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT
9. X BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT
10. #4 BARS TO BE USED ON WALLS SMALLER THAN 3'-4"
11. #4 BARS 1-4' WALLS, #5 BARS 4'-4' WALLS, #5 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".

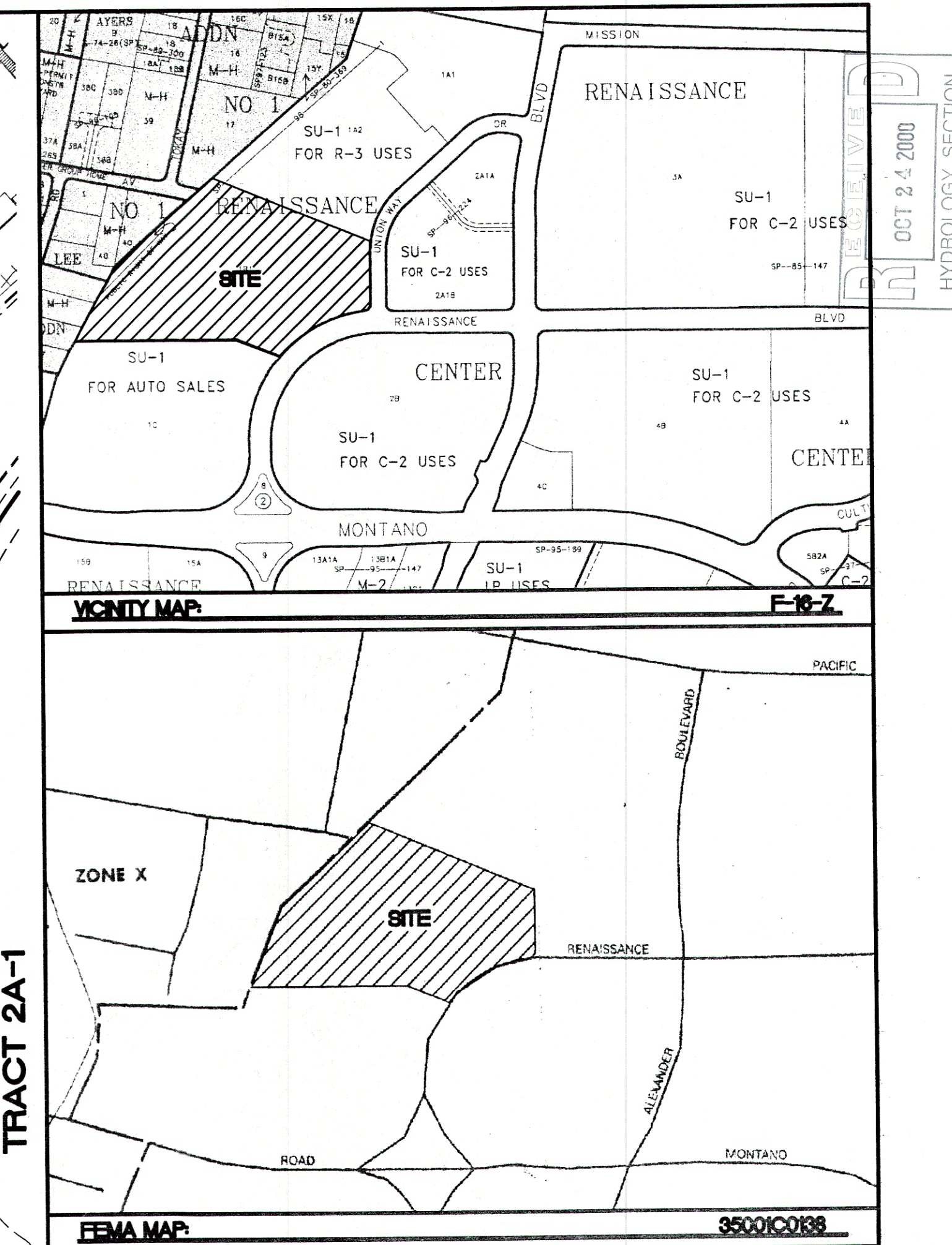


1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
6. CONTRACTOR IS RESPONSIBLE FOR OBTAINING NPDES PERMIT FOR THE SITE



DATE _____

ENGINEER'S SEAL	TRACT 1B RENAISSANCE CENTER	DRAWN BY BDG	DATE 9-14-00
	GRADING AND DRAINAGE PLAN	9988GR.DWG	SHEET # 3 OF 6
RONALD R. BOHANNAN P.E. #7868	 TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	JOB # 990088	



LEGAL DESCRIPTION:
TRACT 9 OF NORTH RENAISSANCE CENTER

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT THE FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. SEE SHEET 5 FOR ALL STORM SEWER INFORMATION.