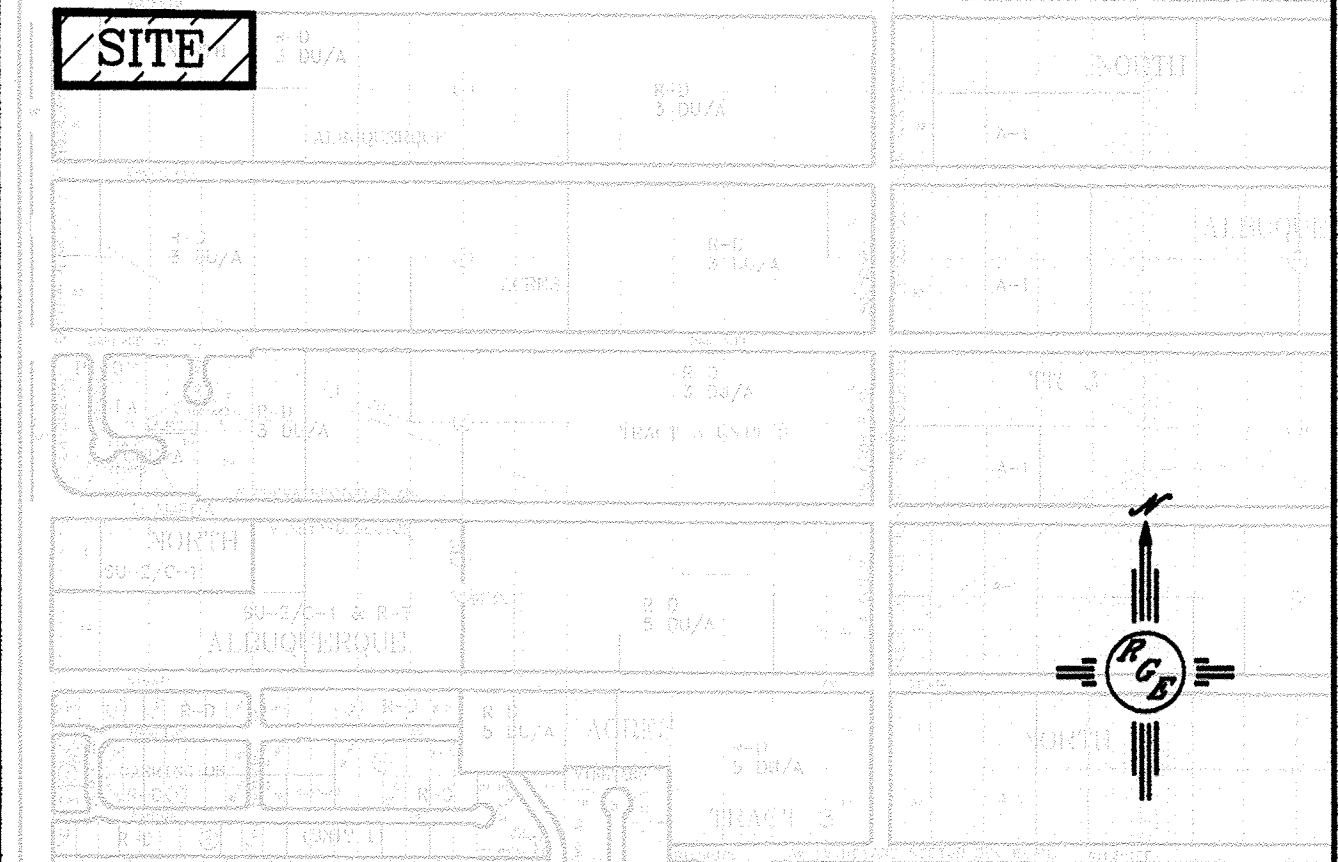
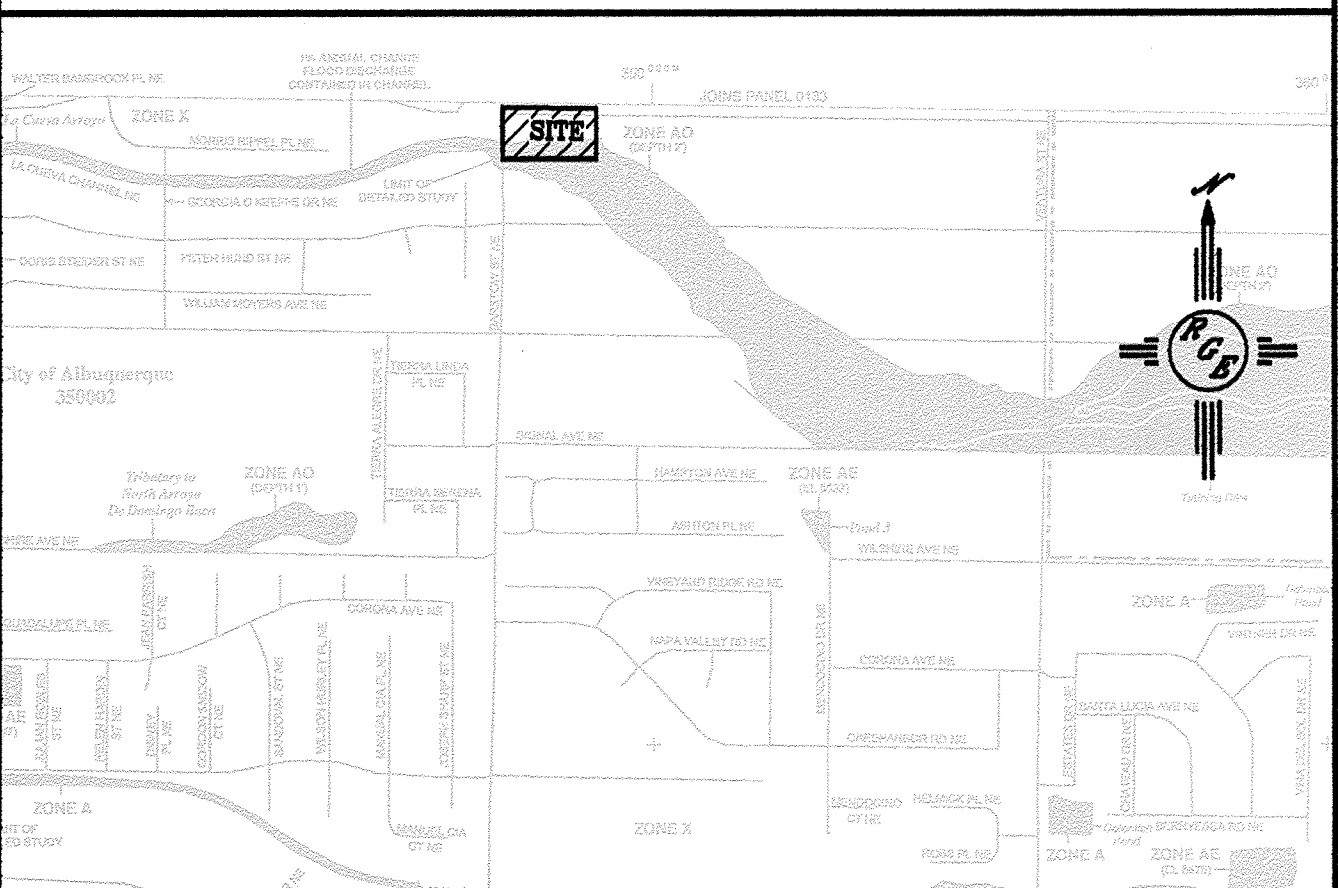


# EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS 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 (CITY) ACCEPTANCE OF ANY PROJECT.



VICINITY MAP: C-20-7



FIRM MAP: 35001C0141F

## LEGAL DESCRIPTION:

LOT 1,2,3,4 NORTH ALBUQUERQUE ACRES BLK 2

## NOTES:

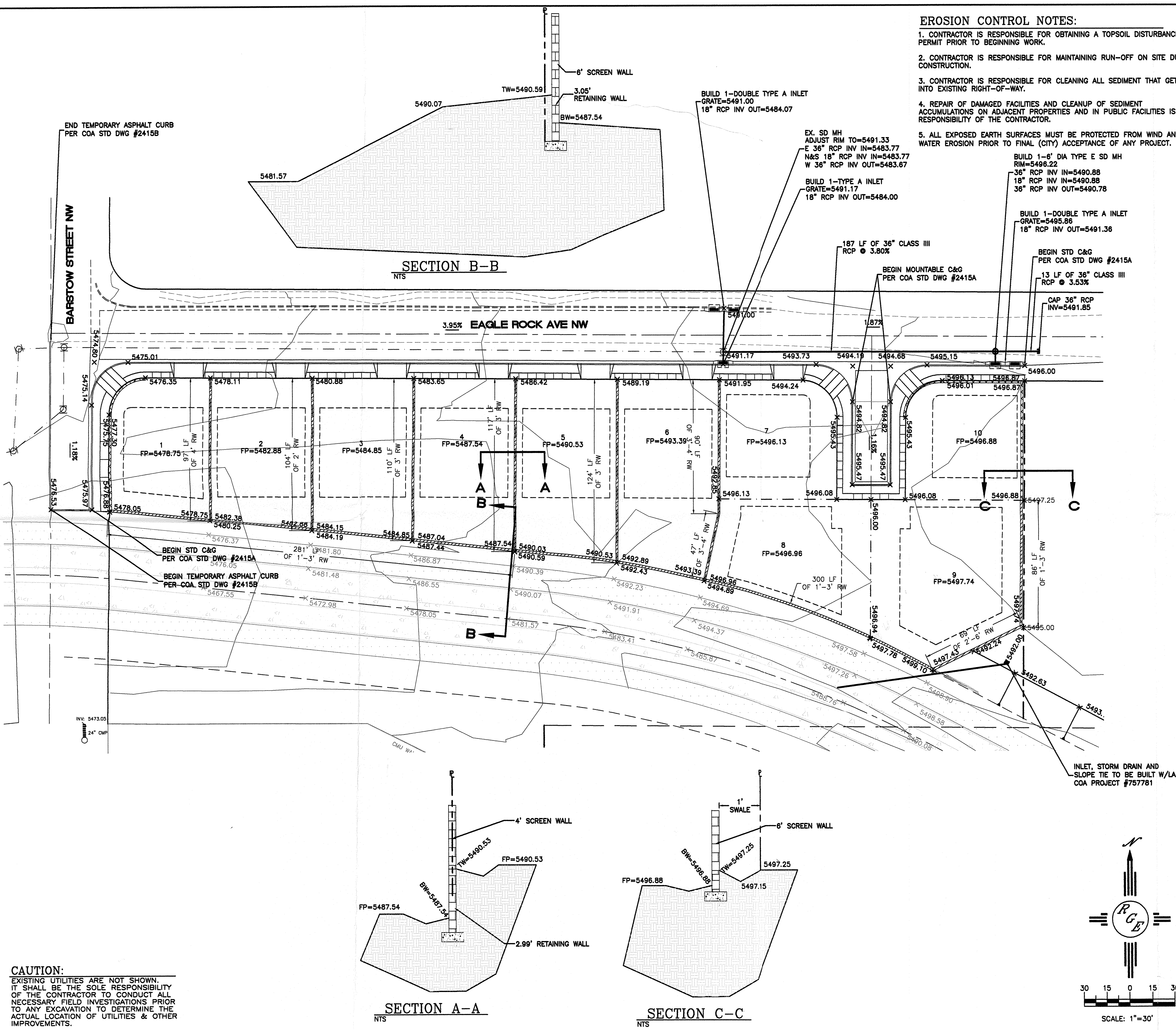
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL CURB AND GUTTER TO BE STANDARD PER COA STD DWG #2415A UNLESS OTHERWISE NOTED.
3. ALL DRIVEPADS TO BE BUILT WHERE SHOWN.

## LEGEND

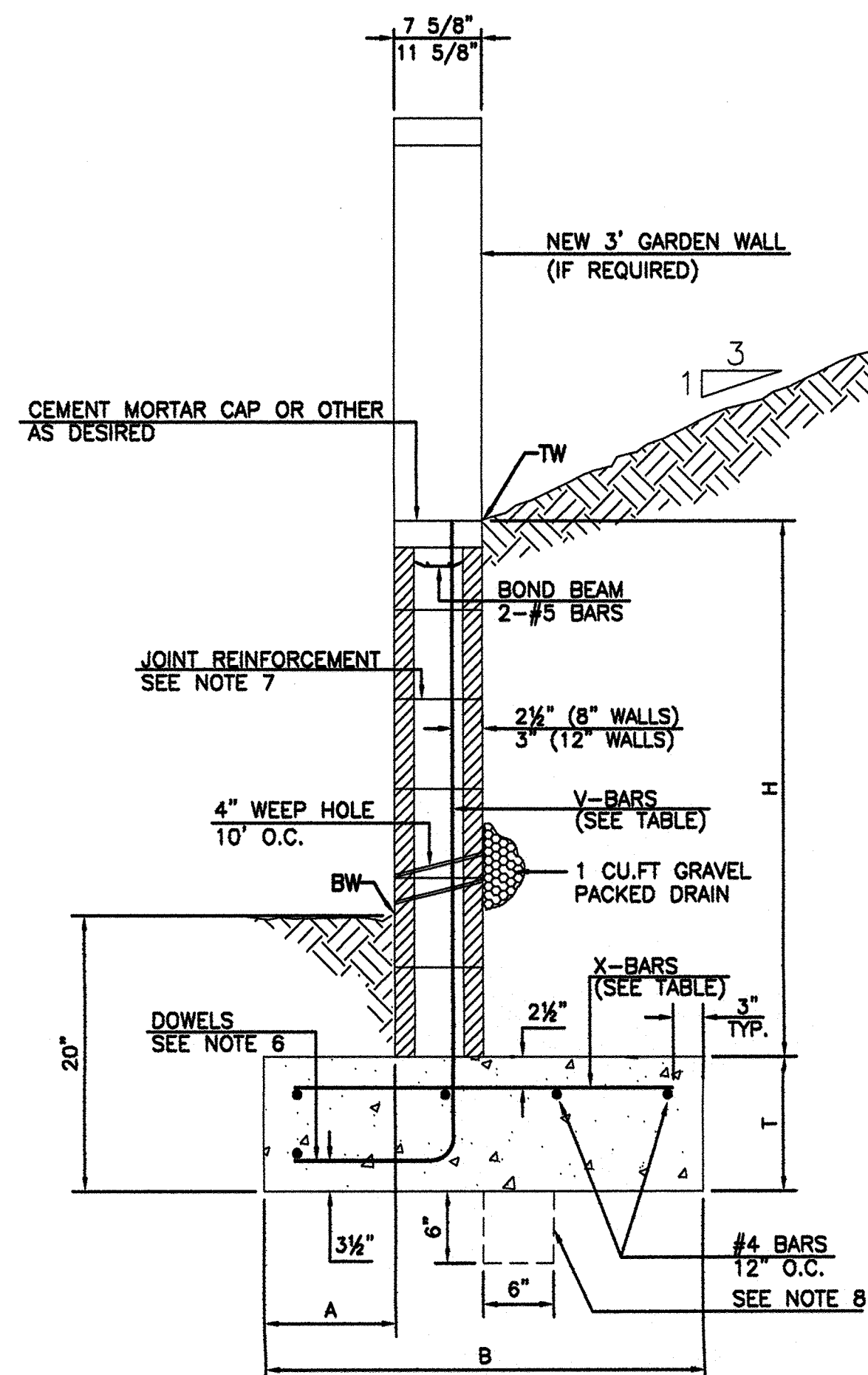
- 18" RCP PROPOSED STORM SEWER LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- PROPOSED SIDEWALK
- PROPOSED PERIMETER WALL
- PROPOSED RETAINING WALL
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- FLOW ARROW
- SLOPE TIE
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- SETBACK LINE

## ROUGH GRADING APPROVAL

<p>ENGINEER'S SEAL</p> <p>DAVID SOULE P.E. #14522</p>	<p>LA CUEVA ESTATES</p> <p>GRADING AND DRAINAGE PLAN</p> <p><i>Rio Grande Engineering</i></p> <p>1608 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0088</p>	<p>DRAWN BY WCMJ</p> <p>DATE 3-06-06</p> <p>2448-008-10-19-00X</p> <p>SHEET # 1 OF 2</p> <p>JOB # 2442</p>
	<p>RECEIVED</p> <p>MAR 20 2006</p> <p>HYDROLOGY SECTION</p>	







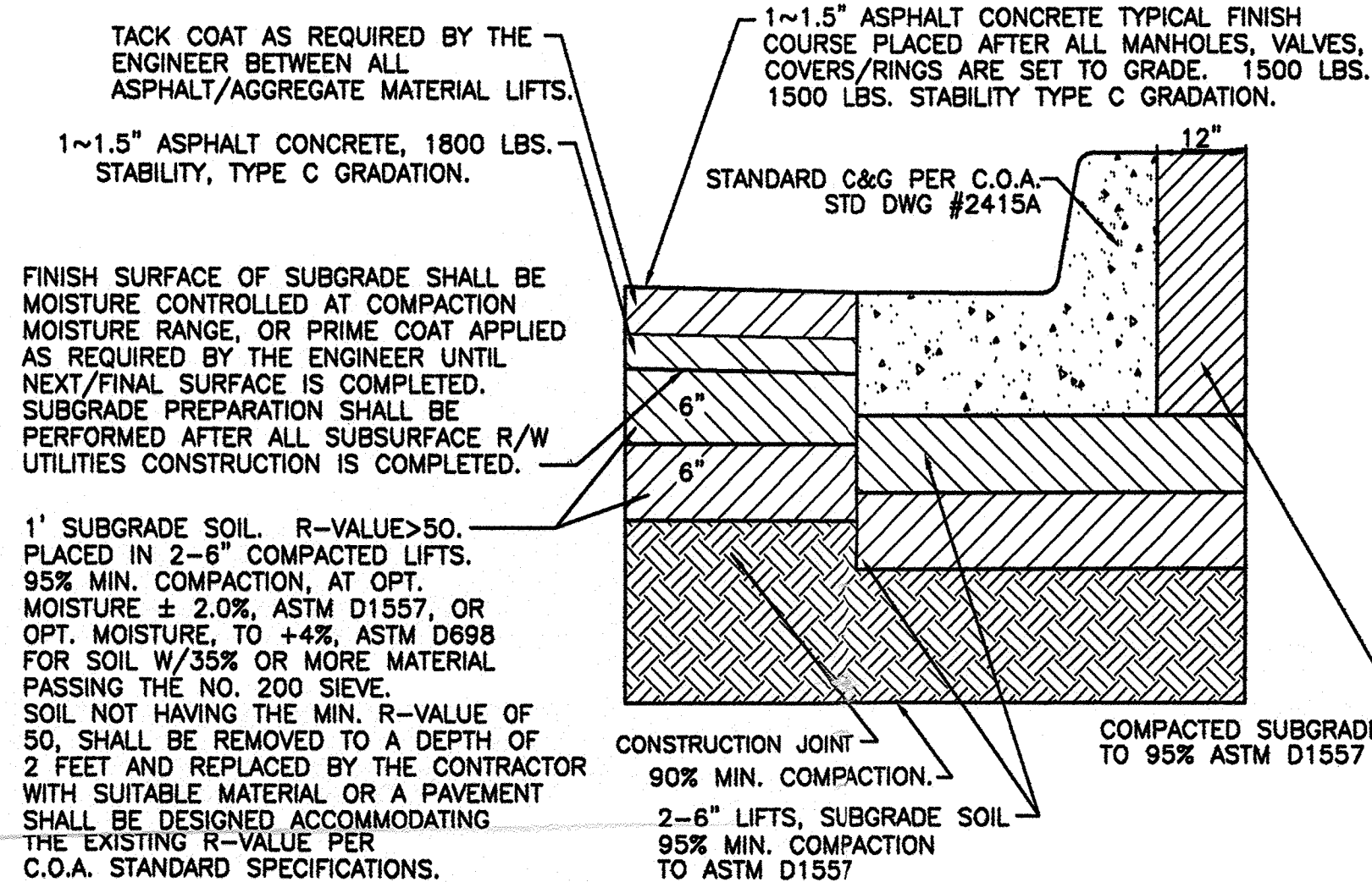
**RETAINING WALL DETAIL**  
NTS

8 INCH REINFORCED CONCRETE MASONRY WALL					
H	A	B	T	V-BARS	X-BARS
ft.-in.	in.	ft.-in.	in.		
3'-4"	8"	2'-6"	10"	#4 @32" O.C.	#4 @32" O.C.
4'-0"	10"	2'-10"	10"	#4 @32" O.C.	#4 @32" O.C.
4'-8"	12"	3'-6"	12"	#4 @24" O.C.	#4 @24" O.C.
5'-4"	14"	3'-10"	12"	#4 @16" O.C.	#4 @16" O.C.
6'-0"	16"	4'-4"	12"	#4 @16" O.C.	#4 @16" O.C.
6'-8"	18"	4'-10"	14"	#5 @16" O.C.	#5 @16" O.C.

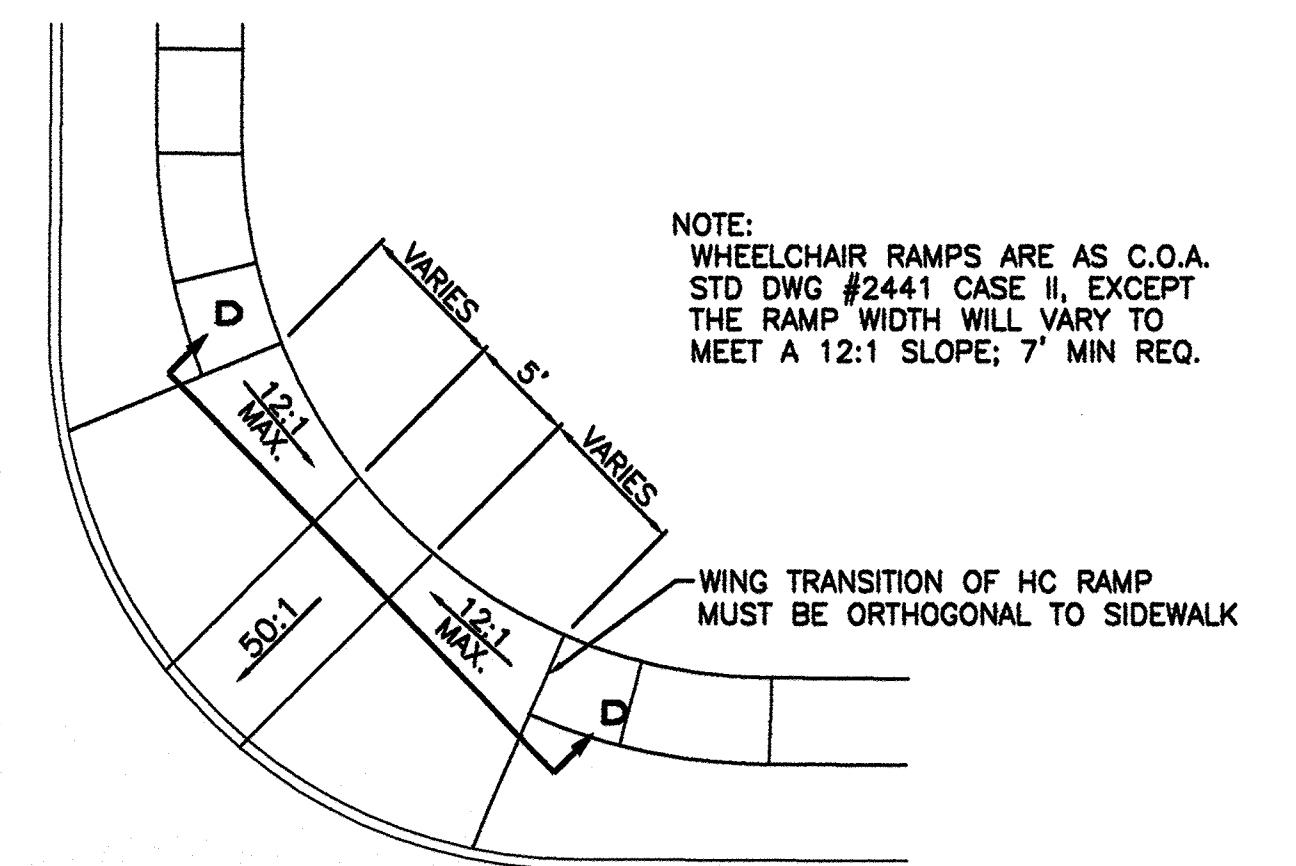
12 INCH REINFORCED CONCRETE MASONRY WALL					
H	A	B	T	V-BARS	X-BARS
ft.-in.	in.	ft.-in.	in.		
5'-4"	14"	3'-8"	10"	#4 @24" O.C.	#4 @24" O.C.
6'-0"	15"	4'-2"	12"	#4 @16" O.C.	#4 @16" O.C.
6'-8"	16"	4'-6"	12"	#5 @24" O.C.	#5 @24" O.C.
7'-4"	18"	4'-10"	12"	#6 @16" O.C.	#6 @16" O.C.
8'-0"	20"	5'-4"	12"	#7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

**GENERAL NOTES:**

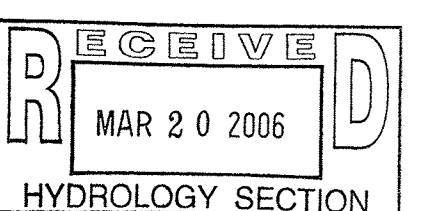
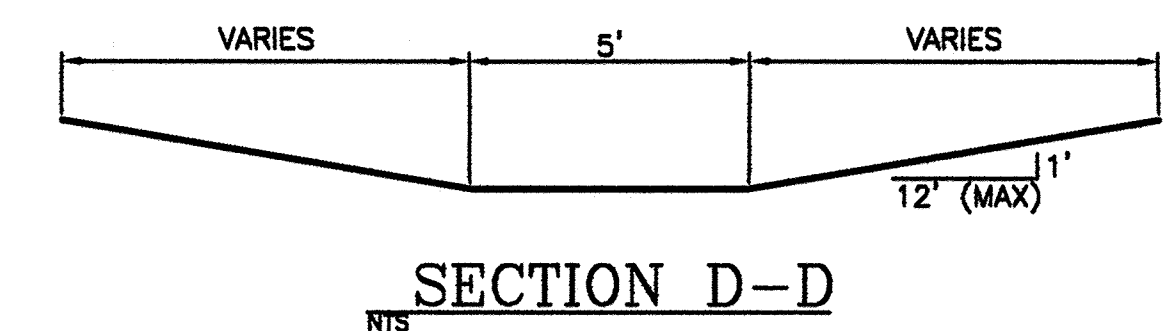
- ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
- MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE  $\pm 2.0\%$ .
- BACKFILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
- ALL BARS ARE TO BE GRADE 60, ASTM 615.
- TRUSS TYPE DWR-O-WALL EVERY 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.
- JOINT REINFORCEMENT CONSISTING OF 9GA. LONGITUDINAL WIRE AND 3/16" CROSS RODS SHALL BE PROVIDED AT 8" CENTERS VERTICALLY.
- PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0"
- USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.



**RESIDENTIAL PAVING SECTION (STANDARD CURB)**  
NTS



**WHEELCHAIR RAMP DETAIL (TYP.)**  
NTS



<b>ENGINEER'S SEAL</b>   <b>DAVID SOULE</b> P.E. #14522	<b>LA CUEVA ESTATES</b>  <b>GRADING AND DRAINAGE PLAN</b>   <b>Rio Grande Engineering</b> 1806 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0889	<b>DRAWN BY</b> WCUJ
		<b>DATE</b> 10-28-05
		<b>SHEET #</b> 2 OF 2
		<b>JOB #</b> 2442