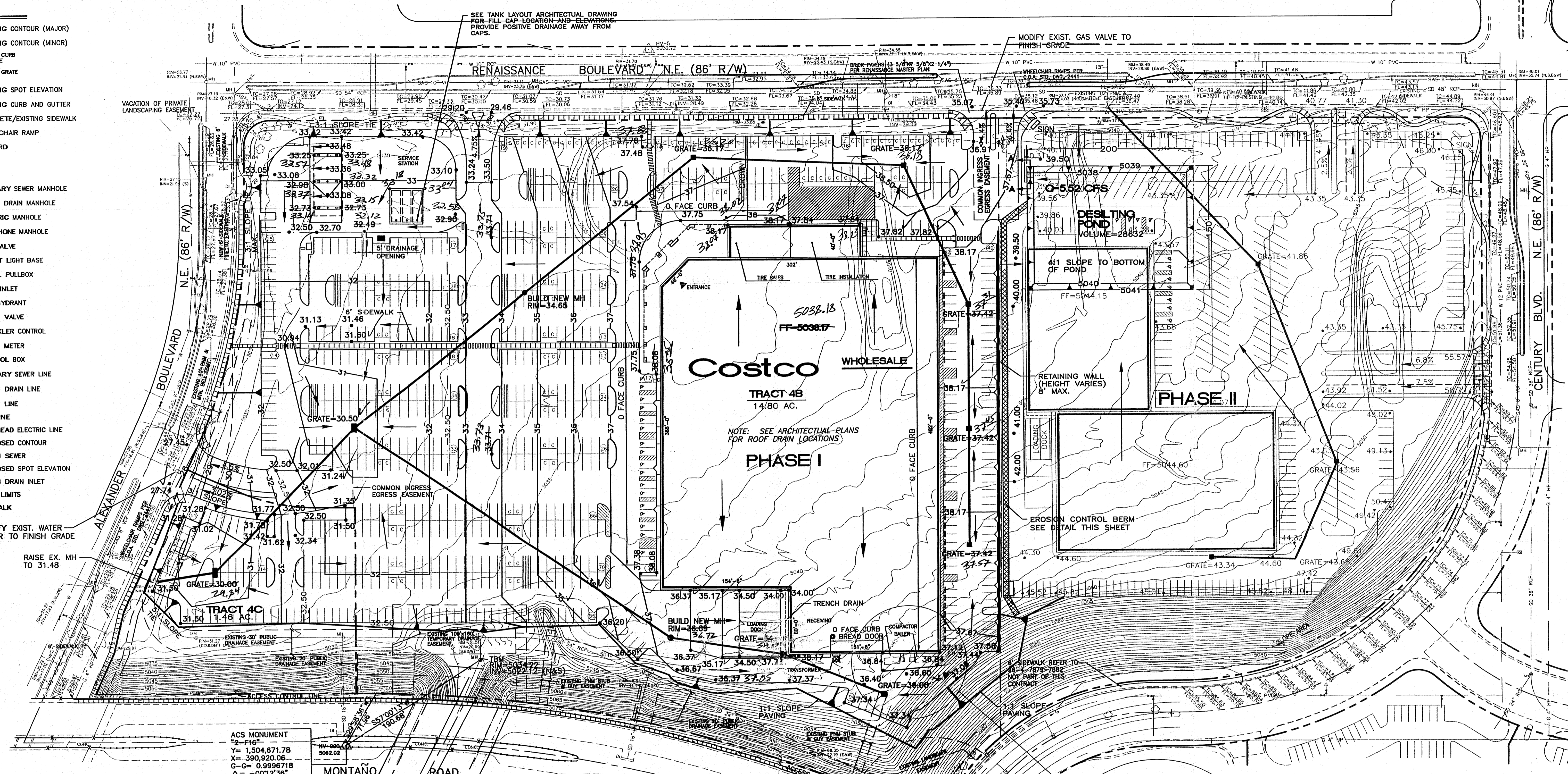


LEGEND

- 50.50- EXISTING CONTOUR (MAJOR)
- 50.51- EXISTING CONTOUR (MINOR)
- TOP OF CURB
- FLOWING
- TOP OF GRATE
- INVERT
- X 0.00 EXISTING SPOT ELEVATION
- EXISTING CURB AND GUTTER
- CONCRETE/EXISTING SIDEWALK
- WHEELCHAIR RAMP
- BOLLARD
- SIGN
- TREE
- SANITARY SEWER MANHOLE
- STORM DRAIN MANHOLE
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- GAS VALVE
- STREET LIGHT BASE
- SIGNAL PULLBOX
- DROP INLET
- FIRE HYDRANT
- WATER VALVE
- SPRINKLER CONTROL
- WATER METER
- CONTROL BOX
- SANITARY SEWER LINE
- STORM DRAIN LINE
- WATER LINE
- GAS LINE
- OVERHEAD ELECTRIC LINE
- 32 PROPOSED CONTOUR
- STORM SEWER
- 27.74 PROPOSED SPOT ELEVATION
- STORM DRAIN INLET
- POND LIMITS
- SIDEWALK

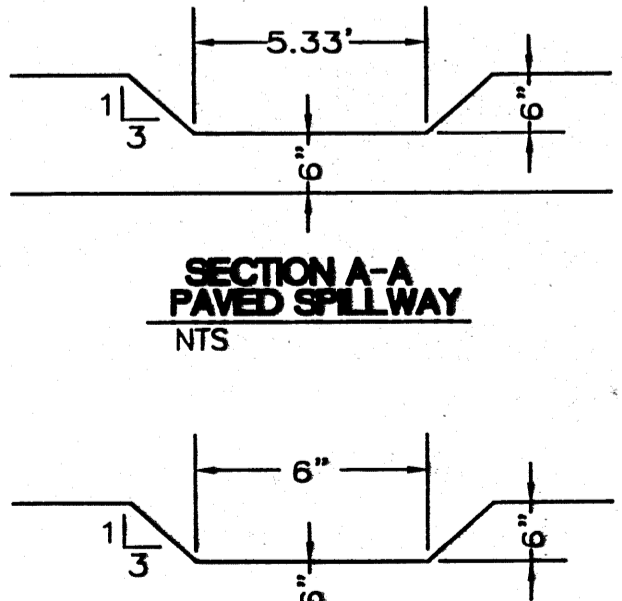


ACS MONUMENT
 12-Phase
 X= 1,504,671.78
 Y= 390,920.06
 G= 0.9996718
 Δ= -0°12'36"
 CENTRAL ZONE
 ELEVATION= 5062.02'
 (NAD 1927)

8 INCH REINFORCED CONCRETE MASONRY WALL					
H	A	B	T	V-BARS	X-BARS
ft.-in.	in.	ft.-in.	in.		
3'-4"	8"	2'-4"	9"	#3 @32" O.C.	#3 @27" O.C.
4'-0"	10"	2'-8"	9"	#4 @32" O.C.	#3 @27" O.C.
4'-8"	12"	3'-4"	10"	#4 @32" O.C.	#3 @27" O.C.
5'-4"	14"	3'-8"	10"	#4 @16" O.C.	#4 @30" O.C.
6'-0"	16"	4'-2"	12"	#6 @24" O.C.	#4 @25" 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.	#3 @25" O.C.
6'-0"	15"	4'-2"	12"	#4 @16" O.C.	#4 @30" O.C.
6'-8"	16"	4'-6"	12"	#6 @24" O.C.	#4 @22" O.C.
7'-4"	18"	4'-10"	12"	#5 @16" O.C.	#5 @28" O.C.
8'-0"	20"	5'-4"	12"	#7 @24" 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 ± 2.0%.
 - BACKFILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
 - ALL BARS ARE TO BE GRADE 60, ASTM 615.
 - TRUSS TYPE DUREX-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 TOP OF THE FOOTING.
 - JOINT REINFORCEMENT CONSISTING OF 90A LONGITUDINAL WIRE AND 3/16" CROSS RODS SHALL BE PROVIDED AT 3' CENTERS VERTICALLY.
 - PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0" VERTICALLY.
 - USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 18'.

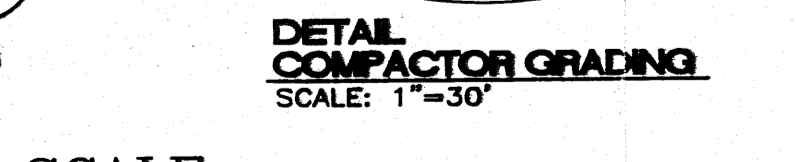
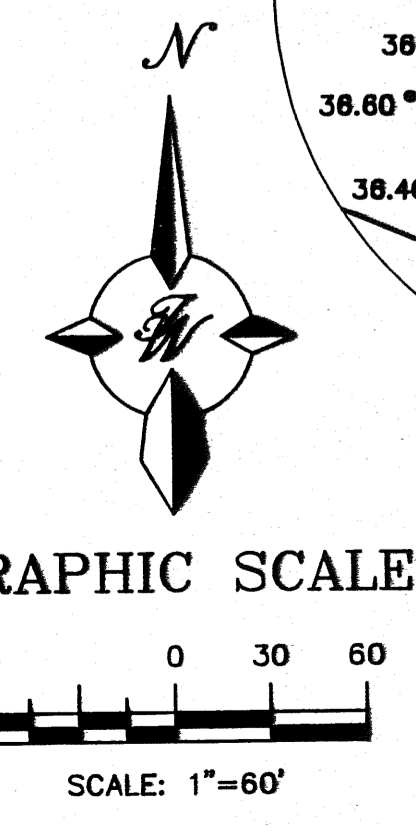


ROUGH GRADING APPROVAL DATE

- NOTES:**
- SEE MASTER STORM DRAIN PLAN FOR STORM DRAIN INVERTS.
 - ALL ELEVATIONS ARE +5000.
 - CROSS DRAINAGE, PARKING, INGRESS/EGRESS EASEMENTS GRANTED BY PLAT FOR ALL OF TRACT 4

I certify that the grades shown on the plans have been built in substantial accordance with approved grading and drainage plan dated 11-4-96. Survey information was supplied by **ROMANUS** in accordance with normal surveying practices.

RONALD R. BOHANNAN
 11/5/96
 #7868



EROSION CONTROL PLAN NOTES

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ANY SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE RUN-OFF ON SITE DURING CONSTRUCTION.
- 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.

ENGINEER'S SEAL
 RONALD R. BOHANNAN
 P.E. #7868

**RENAISSANCE/TRACT 4
 COSTCO WHOLESALE
 PHASE I GRADING AND
 DRAINAGE PLAN**

TERRA WEST DEVELOPMENT
 MANAGEMENT SERVICES

4421 McLEOD ROAD N.E., SUITE D
 ALBUQUERQUE, NEW MEXICO 87109
 (505)883-7592

DRAWN BY BDG
 DATE 5-24-98
 9441GR1-S.DWG
 SHEET # C-1
 JOB # 940041