

SCANNED
BY *phn*

CONSTRUCTION PLANS FOR

2005-151980-83 10/6/05

SAM'S CLUB #4938-00

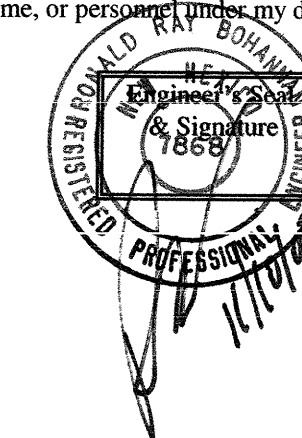
PAVING AND UTILITY IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
JANUARY 2005

EW

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

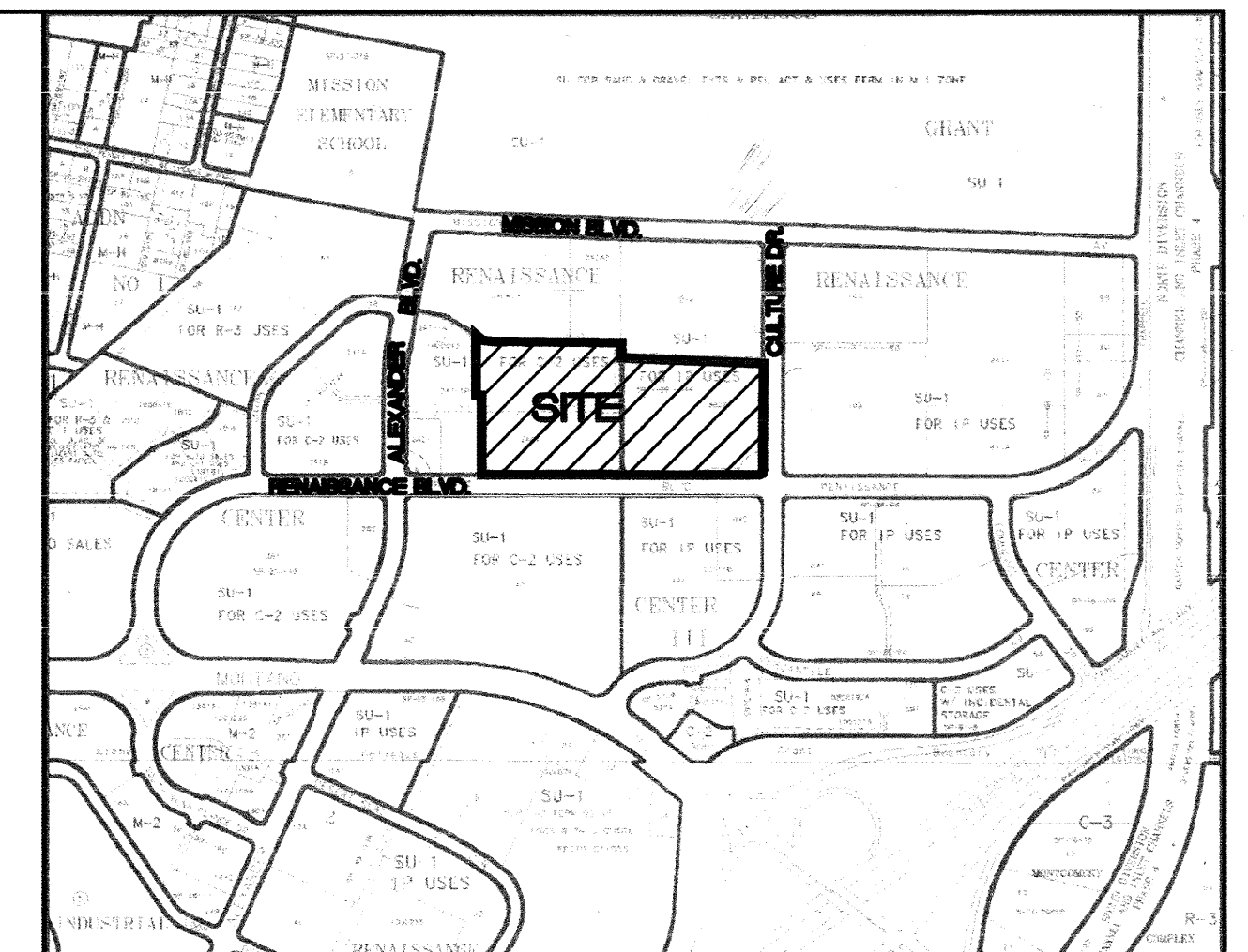
I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or persons under my direction with survey information provided by Baseline Field Services, INC. NMPS # 5110.



INDEX TO DRAWINGS

DRC1.	TITLE SHEET
DRC2.	PLAT
DRC3.	SITE PLAN FOR BUILDING PERMIT
DRC4.	GRADING AND DRAINAGE PLAN
DRC5.	MASTER UTILITY PLAN
DRC6.	UTILITY IMPROVEMENTS
	RENAISSANCE BLVD. STA: 8+00.00 TO 10+00.00
	CULTURE DRIVE STA: 10+00.00 TO 15+00.00
DRC7.	PAVING IMPROVEMENTS
	RENAISSANCE BLVD. STA: 8+00.00 TO 10+00.00
	CULTURE DRIVE STA: 10+00.00 TO 15+00.00

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Bryan Wolfe P.E.
DATE: 3/8/2006



VICINITY MAP

F-16-Z

NOTICE TO CONTRACTORS

SCALE NONE







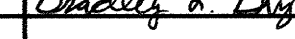
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #7).
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS).
- THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES (888-2661) THREE(3) WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

DRB #1000464

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman		4/28/05	APPROVED FOR CONSTRUCTION		
		Transportation		4/6/05			
		Water/Wastewater		4/13/05			
		Hydrology		4/16/05			
		C.I.P.		4/28/05			
		Constr. Coord.		4/28/05			
		CITY PROJECT NO.					
		598283					
						SHEET	
						DRC1	

SCANNED BY PLAN

SITE PLAN NOTES

1. ALL PRIVATE CONSTRUCTION SHALL BE AS PER WAL-MART SPECIFICATIONS UNLESS OTHERWISE NOTED
2. CART CORRALS WILL BE PROVIDED BY WAL-MART, TO BE ASSEMBLED AND INSTALLED BY CONTRACTOR.
3. REFER TO ARCHITECTURAL PLANS FOR BOLLARD DETAILS AND LOCATIONS.
4. LIGHT STANDARDS TO BE 36 FEET IN HEIGHT MAXIMUM. LIGHT FIXTURES SHALL HAVE FULL CUT-OFF SHIELDS SO NO FUGITIVE LIGHT ESCAPES BEYOND THE PROPERTY LINE. THE LIGHT FIXTURES SHALL BE FULLY SHIELDED WITH HORIZONTAL LAMPS. SEE SHEET XX FOR BASE DETAIL.
5. THE TOP OF ROOFTOP EQUIPMENT SHALL BE BELOW PARAPET HEIGHT. THE TRANSFORMER AND TRASH COMPACTOR SHOULD BE SCREENED WITH A SCREEN WALL. THE TOP OF THE SCREEN WALL SHALL BE TALLER THAN THE TOP OF EQUIPMENT.

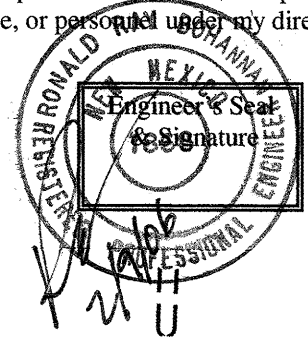
6. THE REFUSE ENCLOSURE AND THE SCREEN WALLS SHALL BE COMPATIBLE IN DESIGN, COLOR AND MATERIAL WITH THE BUILDING ARCHITECTURE.
7. INDOOR OR SECURED (FENCED AND GATED) BICYCLE STORAGE SHALL BE PROVIDED FOR EMPLOYEES OF THE BUSINESS.
8. NO GENERIC FRANCHISE DESIGNS SHALL BE PERMITTED.
9. SEE SHEET C8 & C10 FOR SIGNAGE DETAILS.
10. DETAILS SHEET C11 FOR DRIVE ISLANDS AND STRIPING DETAILS.
11. REFER TO ARCH. PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
12. SEE DETAILS SHEET C11 FOR PAVING SECTIONS.
13. THERE SHALL BE NO BACKLIT, PLASTIC OR VINYL AWNINGS OR ILLUMINATED PLASTIC BANDING ON SIGNAGE.

LINE TABLE		
LINE	LENGTH	BEARING
L1	26.93	N89°49'07"W
L2	26.52	S58°22'07"E
L3	73.84	S00°00'00"E

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH. BEARING	CHORD
C1	41.16	75.00	31°26'51"	21.12	S74°05'26"E	40.85
C2	47.13	30.00	90°00'22"	30.00	N45°11'04"E	42.43

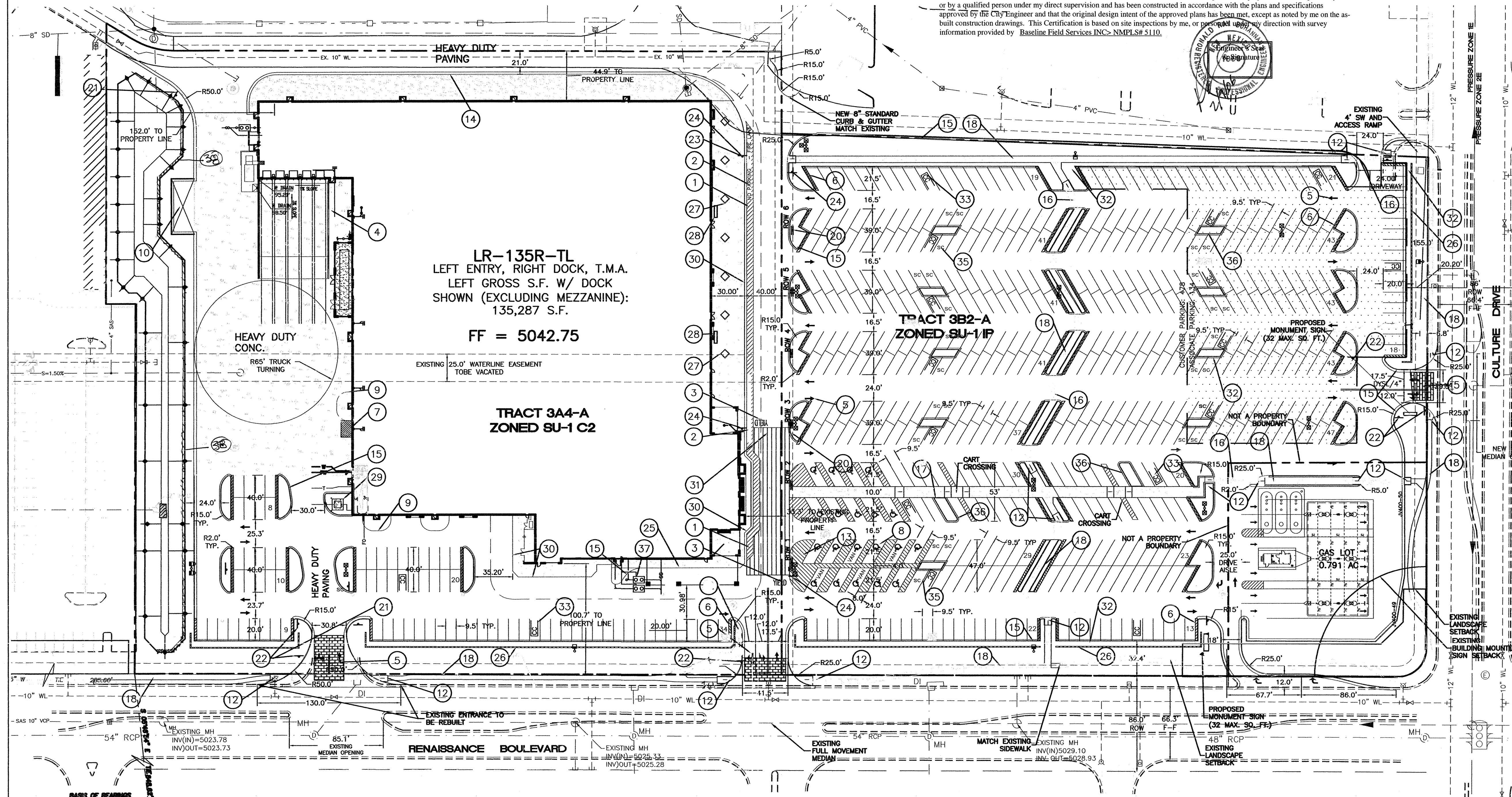
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or persons under my direction with survey information provided by Baseline Field Services INC. NMPLS# 5110.



PAINT STRIPING LEGEND

SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE
SYSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE EACH
DYSL/4" - DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
SYSL/10" - SINGLE YELLOW SOLID LINE / 10" WIDE
SWDL/4" - SINGLE WHITE DASHED LINE / 4" WIDE
SWSL/24" - SINGLE WHITE SOLID LINE / 24" WIDE



VICINITY MAP

LEGAL DESCRIPTION:
RENAISSANCE CENTER, TRACTS 3A4-4 AND 3B2-4

KEYED NOTES

1. 6" WIDE FIRE LANE WITH 6" WIDE PAINTED TRAFFIC RED STRIPING AT 45° TYPICAL. CURB TO BE PAINTED TRAFFIC RED AT THESE LOCATIONS.
2. "NO PARKING-FIRE LANE" PAINTED TRAFFIC YELLOW ON PAVEMENT AT 80' O.C. LETTERS TO BE A MINIMUM 2'-0" TALL.
3. "YIELD" PAINTED YELLOW ON PAVEMENT TYPICAL.
4. PROVIDE (2) 4" WIDE YELLOW STRIPES @ 10' O.C. x 130' LONG CENTER ON DOCK DOORS.
5. PAINTED DIRECTIONAL ARROW TYPICAL.
6. 2'-0" LOADING ZONE AT ALL CURBED PARKING SPACES. 4" PAINTED YELLOW STRIPING AT 2'-0" O.C. PERPENDICULAR TO PARKING SPACE.
7. 10' X 15' STRIPED AREA PAINTED SYSL/4" AT 45° @ 2'-0" O.C. AT JIB CRANE LOCATION. SEE ARCH. PLANS.
8. ACCESSIBLE PARKING SPACE TYPICAL. SEE DETAIL SHEET FOR ACCESSIBLE PARKING SPACE SIZE, SIGN AND SYMBOL ("VAN"-INDICATES VAN ACCESSIBLE SPACE).
9. RAMPED PAVEMENT AT VESTIBULE TO BE FLUSH WITH TOP OF SIDEWALK AT 5.0% MAX. SLOPE. REFER TO ARCHITECTURAL PLANS.
10. 1000 SF BALE AND PALLET STORAGE AREA.
11. SCREEN WALL PER ARCH. PLANS - Not Used.
12. UNIDIRECTIONAL HC RAMP.
13. PAINTED ISLAND TYPICAL UNLESS NOTED OTHERWISE. STRIPES SHALL BE PAINTED SYSL/4" AT 2'-0" O.C. PERPENDICULAR TO THE PARKING SPACE.
14. 6" CONCRETE CURB AND GUTTER TYPICAL.
15. 6" CONCRETE HEADER CURB TYPICAL.
16. 6" WIDE SLIGHTLY RAISED CONCRETE PEDESTRIAN CROSSWALK. (SHT 8)
17. 6" WIDE CONCRETE SIDEWALK TYPICAL.
18. 6" CONCRETE SIDEWALK TYPICAL.
19. 4" CONCRETE SIDEWALK TYPICAL.
20. AISLE INDICATOR SIGNS TYPICAL.
21. "TRUCK ROUTE" SIGN.
22. "STOP" SIGN.
23. "NO TRUCKS" SIGN.
24. PEDESTRIAN CROSSING SIGN W10-2 AND W10-2p TYPICAL AT PEDESTRIAN CROSSWALKS AS NOTED ON PLANS.
25. 6" DIA. PIPE BOLLARD TYPICAL.
26. 3' HIGH SCREEN WALL.
27. 6"x6" TREE PLANTER TYPICAL.
28. (2) 16 SPACE BIKE RACK TYPICAL.
29. CONCRETE TRANSFORMER PAD, CONTRACTOR TO COORDINATE WITH LOCAL POWER COMPANY FOR DETAILS.
30. ZERO CURB PER ARCH. SECTIONS.
31. PEDESTRIAN CROSSWALK WITH 4" WIDE PAINTED YELLOW STRIPING PARALLEL TO DIRECTION OF TRAFFIC AT 2'-0" O.C. UNLESS NOTED OTHERWISE. SEE SITE PLAN FOR WIDTH.
32. PROPOSED LIGHTING.
33. CART CORRALS TYPICAL.
34. PROPOSED HC RAMP.
35. SMALL CAR MARKER, "COMPACT" PAINTED YELLOW ON PAVEMENT TYPICAL.
36. TREE PLANTER TYPICAL.
37. PROPOSED GREASE AND OIL SEPARATOR LOCATION. COORDINATE WITH ARCHITECT.
38. Power Retaining Wall w/ Fencing

SITE DATA

PROPOSED USAGE:	RETAIL COMMERCIAL, GAS STATION
EXISTING ZONING:	SU-1 for C2 & SU-1 for IP
LOT AREA:	
SAM'S TRACT	13,346 AC
GAS LOT 1	0.792 AC
TOTAL:	14,138± AC
BUILDING AREA:	
SAM'S CLUB	135,287 SF
LANDSCAPING:	
PROVIDED:	81,704 SF
REQUIRED:	4,52
PARKING PROVIDED:	612 SPACES
PARKING RATIO:	4.52
PARKING REQUIRED: RETAIL AREA	506 SPACES
HC PARKING PROVIDED:	20 SPACES (4 VAN)
HC PARKING REQUIRED:	16 SPACES
	4 SPACES VAN ACCESSIBLE
BIKE SPACES PROVIDED:	32 SPACES
BIKE SPACES REQUIRED:	26 SPACES

LEGEND

---	EXISTING CURB & GUTTER
---	BOUNDARY LINE
---	EASEMENT
---	PROPOSED SCREEN WALL
---	PROPOSED RETAINING WALL
---	PROPOSED SIDEWALK
---	PROPOSED BOLLARD
---	PROPOSED PEDESTRIAN CROSSWALK
---	PROPOSED CART CORRALS
---	STANDARD DUTY PAVING
---	HEAVY DUTY PAVING
---	HEAVY DUTY CONCRETE
---	BIKE RACK

PROJECT NUMBER: 1000045
APPLICATION NUMBER: 04-01978

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC), dated 12/19/05, and the Findings and Conditions in the Official Notification of Decision are satisfied.

Is an Infrastructure List required? ☒ Yes ☐ No If Yes, then a set of approved DRC plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:

City Engineer	Date
Christine Sandoval	1/26/05
City Engineer	Date
Bradley A. Babin	1/26/05
City Engineer	Date
N/A	3/30/05
City Engineer	Date
Michael Holton	3-8-05
City Engineer	Date
Shawn Matton	3/30/05

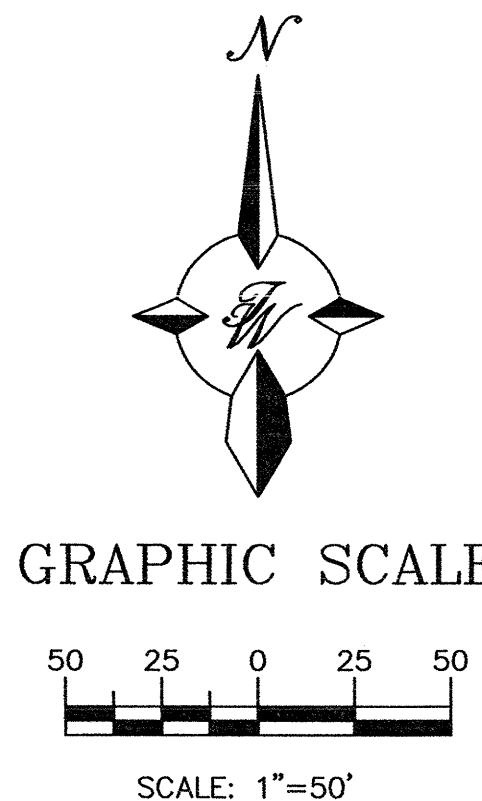
DRB Chairperson, Planning Department

* Environmental Health Department (conditional)

12/19/05

INDEX TO DRAWINGS

- C1. SITE PLAN FOR BUILDING PERMIT
- C2. MASTER UTILITY PLAN
- C3. GRADING AND DRAINAGE PLAN
- C4. GRADING AND DRAINAGE DETAILS
- C5. LANDSCAPING PLAN
- C6. BUILDING ELEVATIONS
- C7. BUILDING ELEVATIONS
- C8. SIGNAGE DETAILS
- C9. GAS STATION ELEVATIONS
- C10. GAS STATION SIGNAGE
- C11. DETAILS



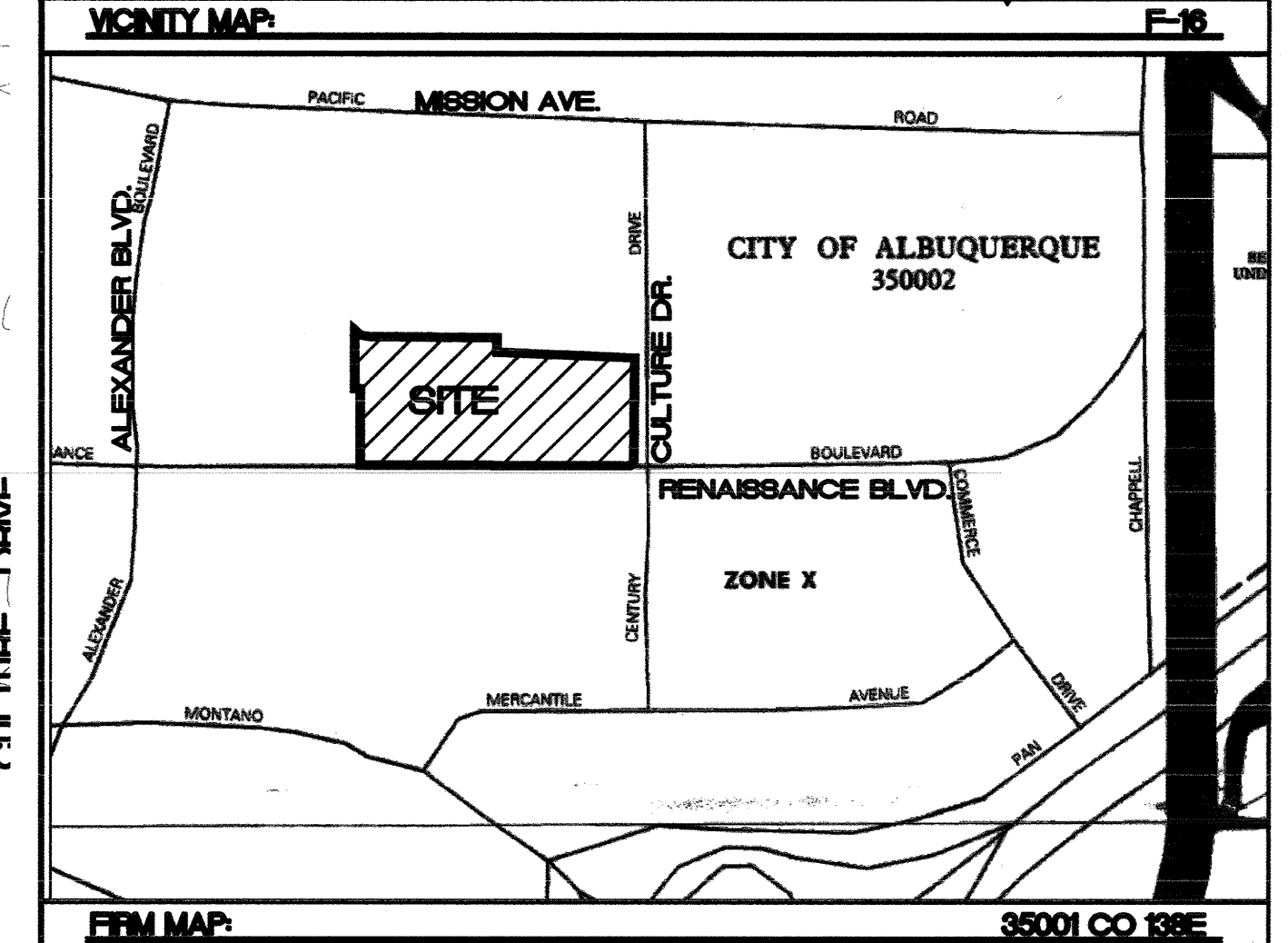
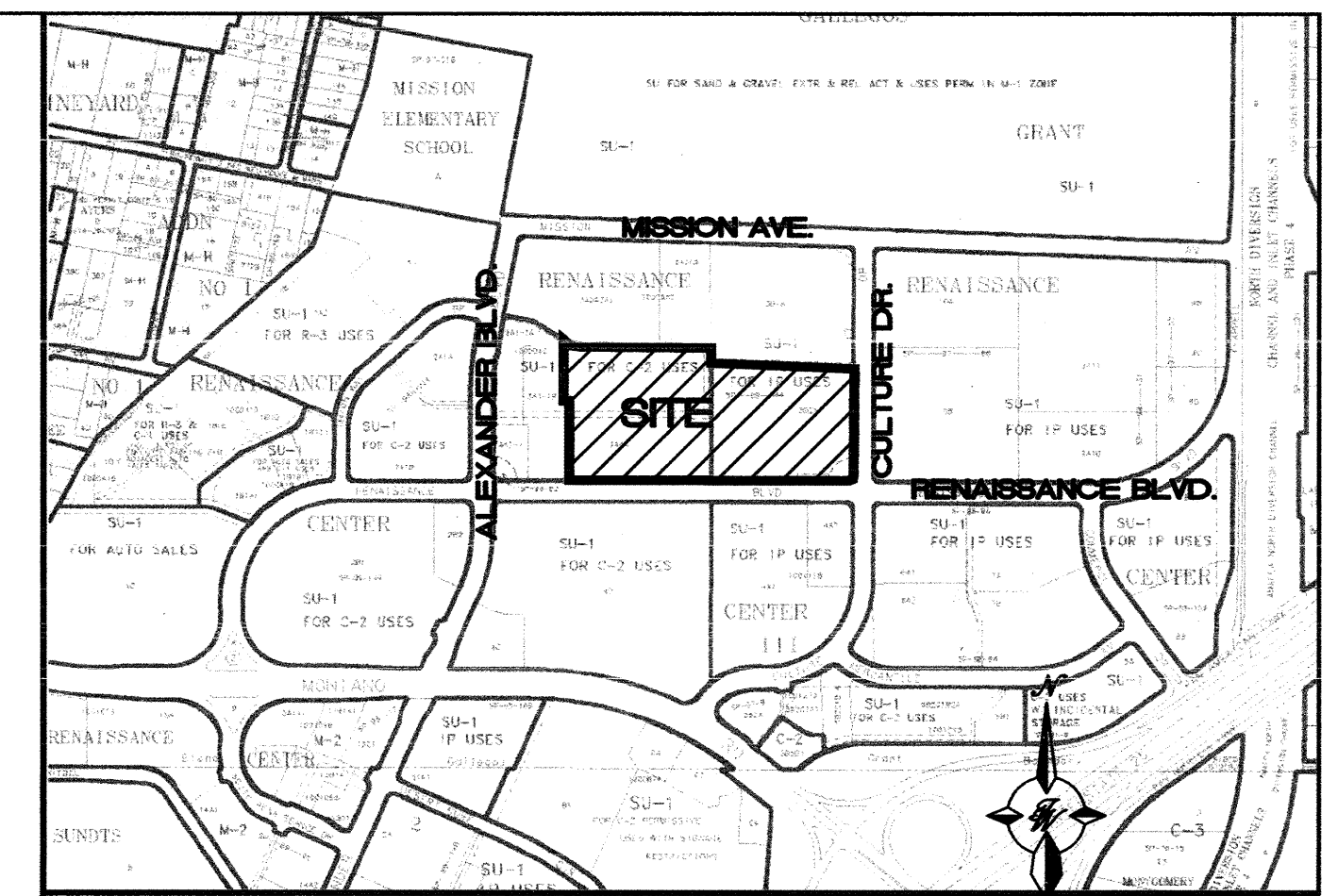
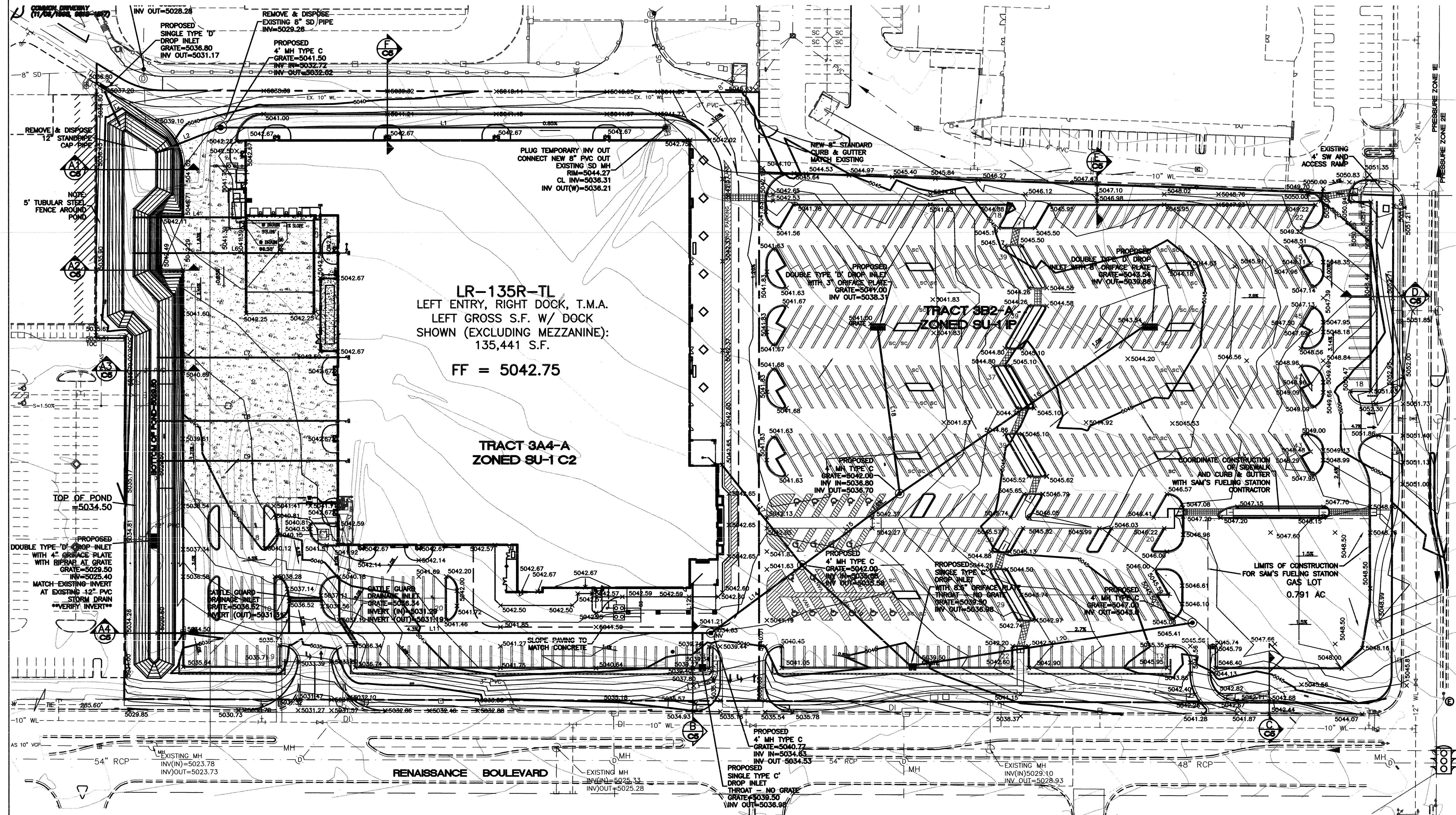
NO.	DATE	REMARKS	BY
REVISIONS			
ENGINEER'S SEAL			
ALBUQUERQUE SAM'S CENTRAL STORE #4938-00			
SITE DEVELOPMENT PLAN FOR BUILDING PERMIT			
TIERRA WEST, LLC			
8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100			
598283			
DRAWN BY: BJF			
DATE: 01-17-05			
2424SPB-01-17-05x			
SHEET #			
DRC3			
JOB #			
240024			

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SCANNED
BY PLJ

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.



LEGAL DESCRIPTION:
RENAISSANCE CENTER, TRACTS 34A-4 AND 3B2-A

NOTES:
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

LINE TABLE			
LINE	LENGTH	BEARING	PIPE SIZE & TYPE
L1	410.71	N89°58'57\"W	12\" PVC
L2	64.67	S69°00'07\"W	12\" PVC
L3	33.71	S24°04'49\"E	10\" PVC
L4	104.44	S90°00'00\"E	10\" PVC
L5	34.36	S00°00'00\"E	10\" PVC
L6	188.99	S90°00'00\"E	10\" PVC
L7	166.27	S90°00'00\"W	10\" PVC
L8	166.27	S90°00'00\"W	10\" PVC
L9	166.27	S90°00'00\"W	10\" PVC
L10	29.53	S00°00'00\"E	10\" PVC
L11	487.52	N80°00'00\"E	18\" PVC
L12	44.32	S00°00'00\"E	10\" PVC
L13	28.99	S00°00'00\"E	10\" PVC
L14	104.71	N53°30'05\"E	18\" PVC
L15	111.77	N53°30'05\"E	15\" PVC
L16	272.00	N55°30'56\"E	15\" PVC
L17	119.38	S36°28'30\"E	10\" PVC
L18	152.36	S07°37'16\"E	10\" PVC
L19	135.40	N47°02'26\"W	10\" PVC
L20	257.96	S81°18'58\"W	10\" PVC

FOR REFERENCE ONLY

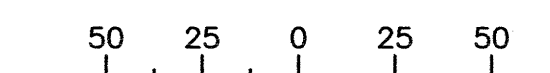
ROUGH GRADING APPROVAL _____ DATE _____

ENGINEER'S SEAL		REVISIONS	
ALBUQUERQUE CENTRAL SAM'S STORE #4938-00		DRAWN BY BJF	
GRADING AND DRAINAGE PLAN		DATE 02-14-05	
TERRA WEST, LLC		2424GR-01-17-05x	
8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505) 858-3100		SHEET #	
RONALD R. BOHANNAN P.E. #7868		DRC4	
598283		JOB # 240024	

CAUTION:

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS. PRIOR TO STARTING THE WORK, ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

GRAPHIC SCALE



SCALE: 1"=50'

SCANNED BY *pen*

LEGEND	DESCRIPTION
— EX. 8" S	EXISTING SAS MANHOLE
— EX. 8" S	EXISTING SANITARY SEWER LINE
●	PROPOSED SAS MANHOLE
8	PROPOSED SAS CLEANOUT
→	DIRECTION OF FLOW
— 8" SAS	PROPOSED SANITARY SEWER LINE
— 8" S	SANITARY SEWER SERVICE LINE
— 8" S	EXISTING METER
— 8" S	EXISTING VALVE W/BOX
— 8" S	EXISTING FIRE HYDRANT
— 24" RCP	EXISTING AIR RELEASE VALVE
— 24" RCP	EXISTING REDUCER
— 24" RCP	EXISTING WATER LINE
— 24" RCP	PROPOSED METER
— 24" RCP	PROPOSED VALVE W/BOX
— 24" RCP	PROPOSED FIRE HYDRANT
— 24" RCP	PROPOSED AIR RELEASE VALVE
— 24" RCP	PROPOSED REDUCER
— 24" RCP	PROPOSED IRRIGATION SERVICE
— 24" RCP	PROPOSED WATER LINE
— 24" RCP	PROPOSED STORM SEWER MANHOLE
— 24" RCP	PROPOSED SNGL. "D" INLET
— 24" RCP	PROPOSED DBL. "D" INLET
— 24" RCP	PROPOSED STORM SEWER LINE
— 24" RCP	EXISTING CURB & GUTTER
— 24" RCP	PROPOSED CURB & GUTTER
— 24" RCP	PROPOSED STORM SEWER LINE
— 24" RCP	PROPOSED STORM SEWER LINE
— 24" RCP	PROPOSED STORM SEWER LINE

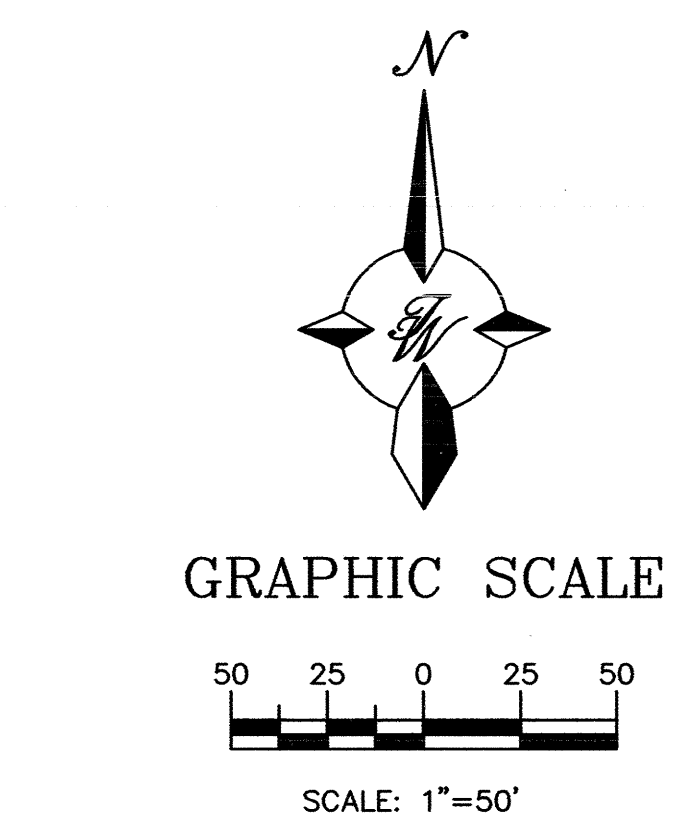
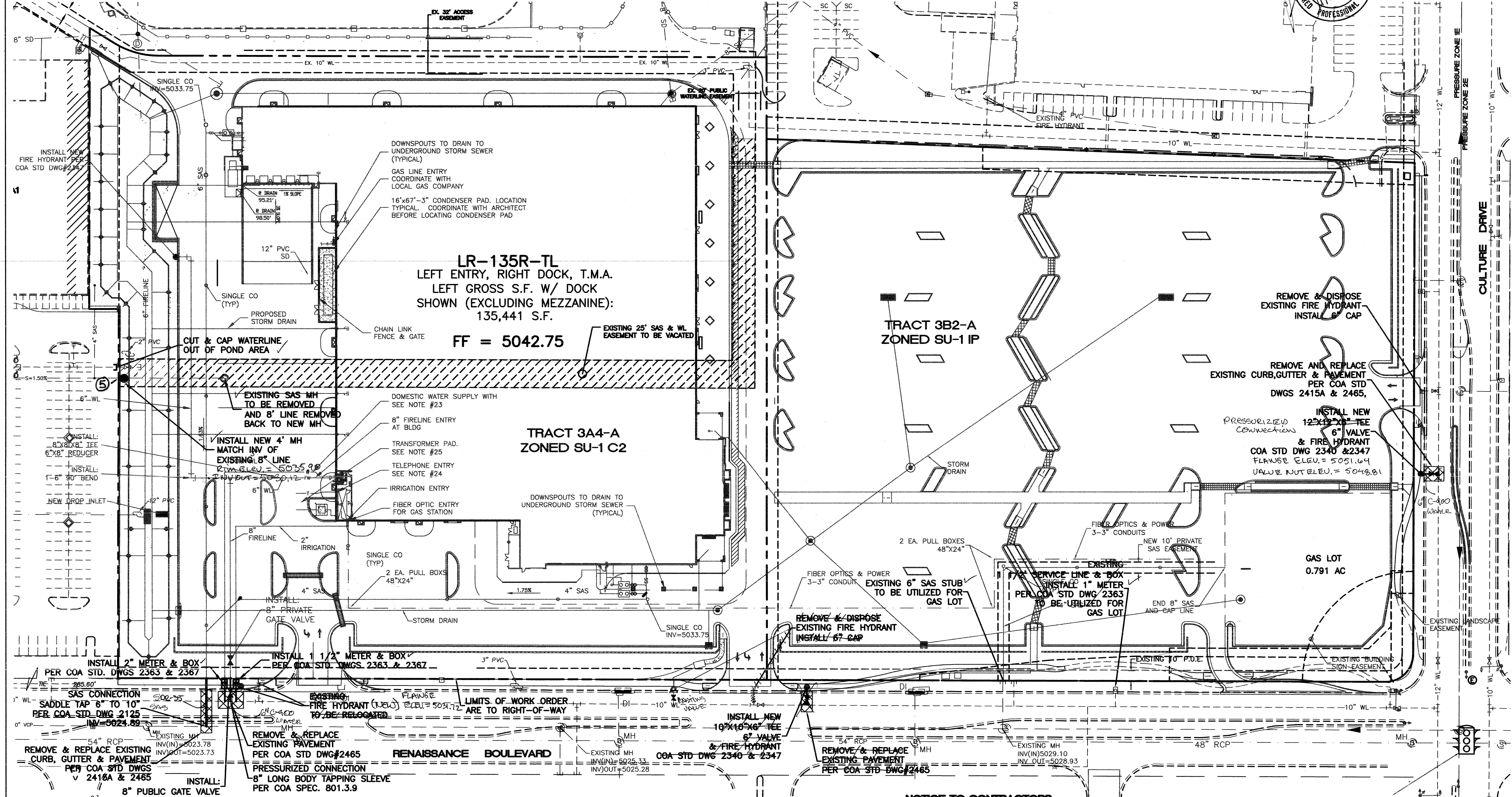
LEGEND	DESCRIPTION
— EX. 24" RCP	EXISTING AIR RELEASE VALVE
— EX. 24" RCP	EXISTING REDUCER
— EX. 24" RCP	EXISTING WATER LINE
— EX. 24" RCP	PROPOSED METER
— EX. 24" RCP	PROPOSED VALVE W/BOX
— EX. 24" RCP	PROPOSED FIRE HYDRANT
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— EX. 24" RCP	PROPOSED STORM SEWER MANHOLE
— EX. 24" RCP	PROPOSED SNGL. "D" INLET
— EX. 24" RCP	PROPOSED DBL. "D" INLET
— EX. 24" RCP	PROPOSED STORM SEWER LINE
— EX. 24" RCP	EXISTING CURB & GUTTER
— EX. 24" RCP	PROPOSED CURB & GUTTER
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— EX. 24" RCP	PROPOSED STORM SEWER LINE

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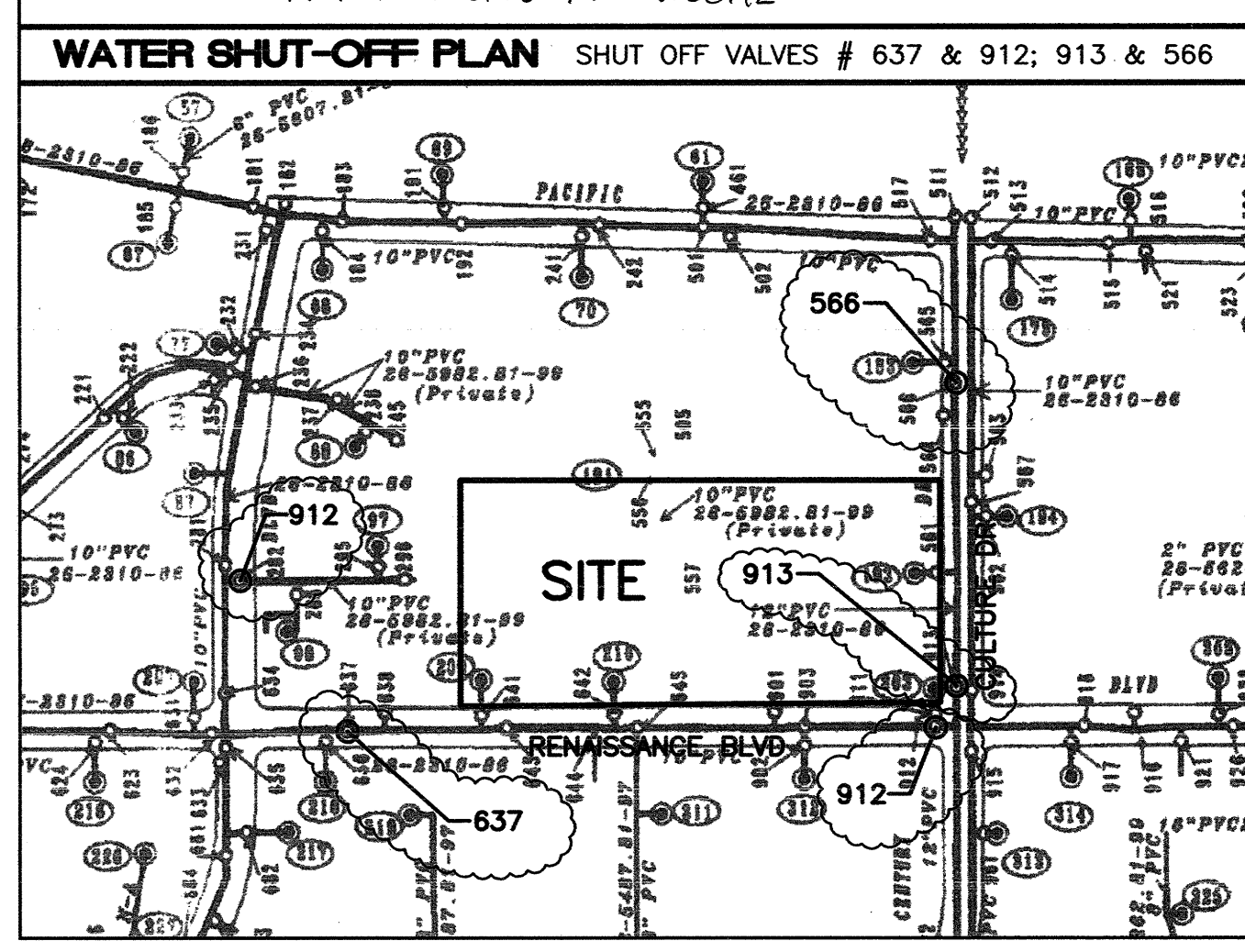
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Engineer's Seal & Signature

- GENERAL NOTES**
1. 4' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
 2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATIONS.
 3. CLEAN OUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
 4. ALL PIPE MATERIAL TO BE USED PER UPC.
 5. MANHOLE MUST BE LOCATED OUTSIDE POND FENCE SO IT CAN BE REACHED BY VACUUM TRUCK AT ALL TIMES.



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- NOTES:**
1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
 2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
 3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
 4. SHUTOFF THE VALVES INDICATED IN THE ABOVE PLAN

- NOTICE TO CONTRACTORS**
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
 2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERMEDIATE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 785-1234, FOR LOCATION OF EXISTING UTILITIES.
 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
 7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
 8. REMOVAL OF ALL TEMPORARY ASPHALT TO BE COORDINATED WITH BARRICADING PERMIT FOR NEW ROADWAY CONSTRUCTION.
 9. PRIVATE PRVs ARE REQUIRED ON WATER SERVICE LINES AND WILL BE INSIDE THE BUILDINGS.
 10. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

RESTRAINED JOINT LENGTHS FOR TEES				
SIZE	MINIMUM RUN	MINIMUM BRANCH	MINIMUM RUN	MINIMUM BRANCH
8x8x8	9	20	13	3
8x8x6	5	17	7	5
8x8x4	2	15	3	6
6x6x6	6	20	10	2
8x8x4	2	20	4	7

RESTRAINED JOINT LENGTHS FOR BENDS				
SIZE	HORIZONTAL BENDS			
	90°	45°	22-1/2°	11-1/4°
8	22	9	4	2
6	17	7	3	2
4	12	5	2	1

RESTRAINED JOINT LENGTHS FOR REDUCERS		
SIZE	L. SIDE	S. SIDE
8x6	25	33
8x4	43	83
6x4	24	35

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SAM'S CLUB - STORE #4938-00**
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE: **APPROVE**
APR 28 2005

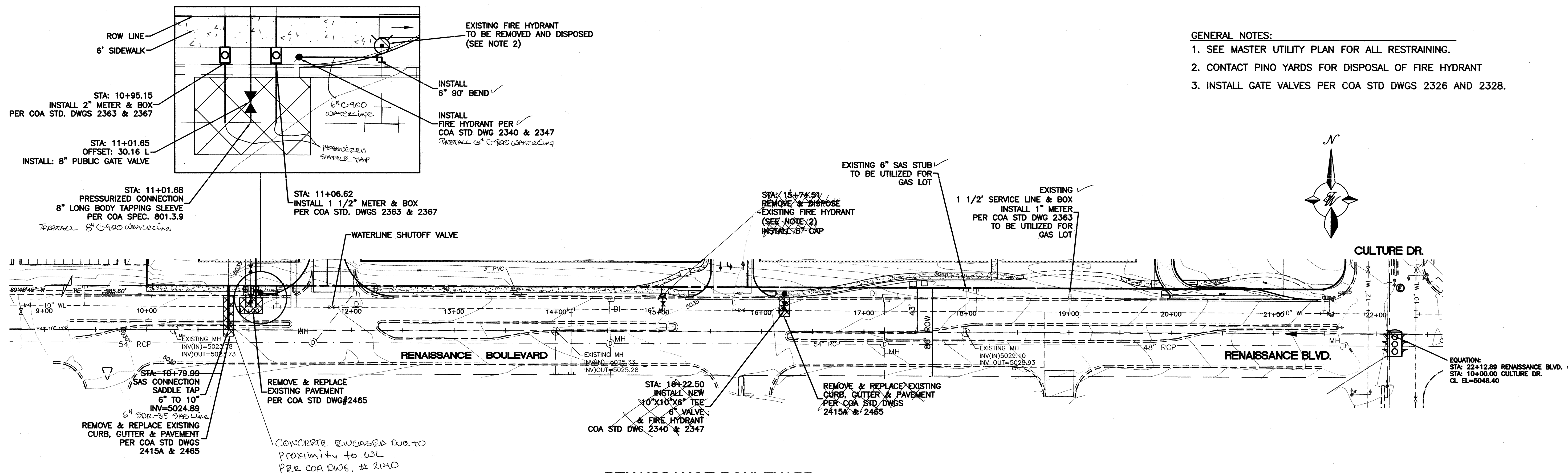
CITY ENGINEER APPROVAL: **APPROVE**
JUL 14 2005

DESIGNED BY: BUF
DRAWN BY: BUF
CHECKED BY: SL

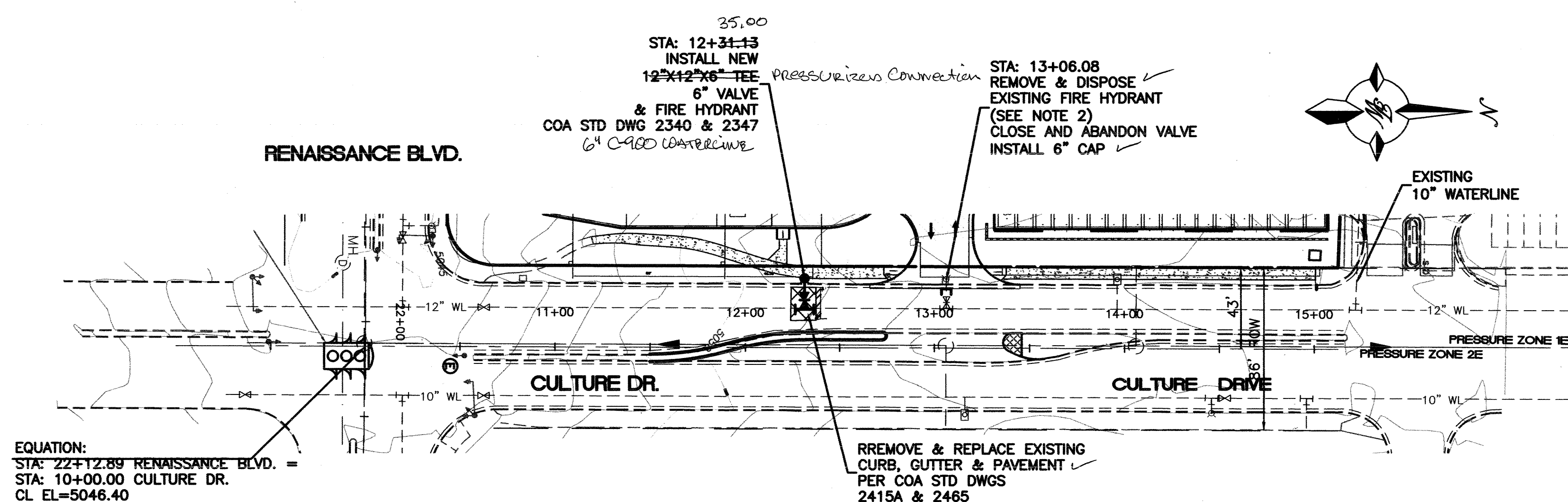
CITY PROJECT NO. **598283**

ZONE MAP NO.

SHEET **DRC5**



RENAISSANCE BOULEVARD
STA: 10+00.00 TO 22+12.89
***-ALL STATIONING BASED UPON CENTERLINE**

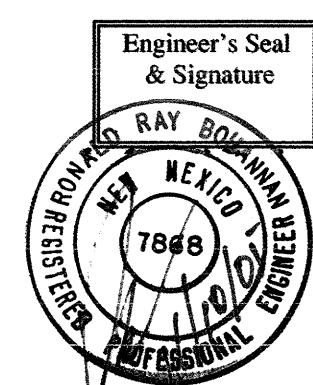


CULTURE DRIVE
STA: 10+00.00 TO 15+00.00
***-ALL STATIONING BASED UPON CENTERLINE**

- GENERAL NOTES:**
1. SEE MASTER UTILITY PLAN FOR ALL RESTRAINING.
 2. CONTACT PINO YARDS FOR DISPOSAL OF FIRE HYDRANT
 3. INSTALL GATE VALVES PER COA STD DWGS 2326 AND 2328.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Baseline Field Services, INC. NMPS #5110.



50 25 0 25 50
 SCALE: 1"=50'

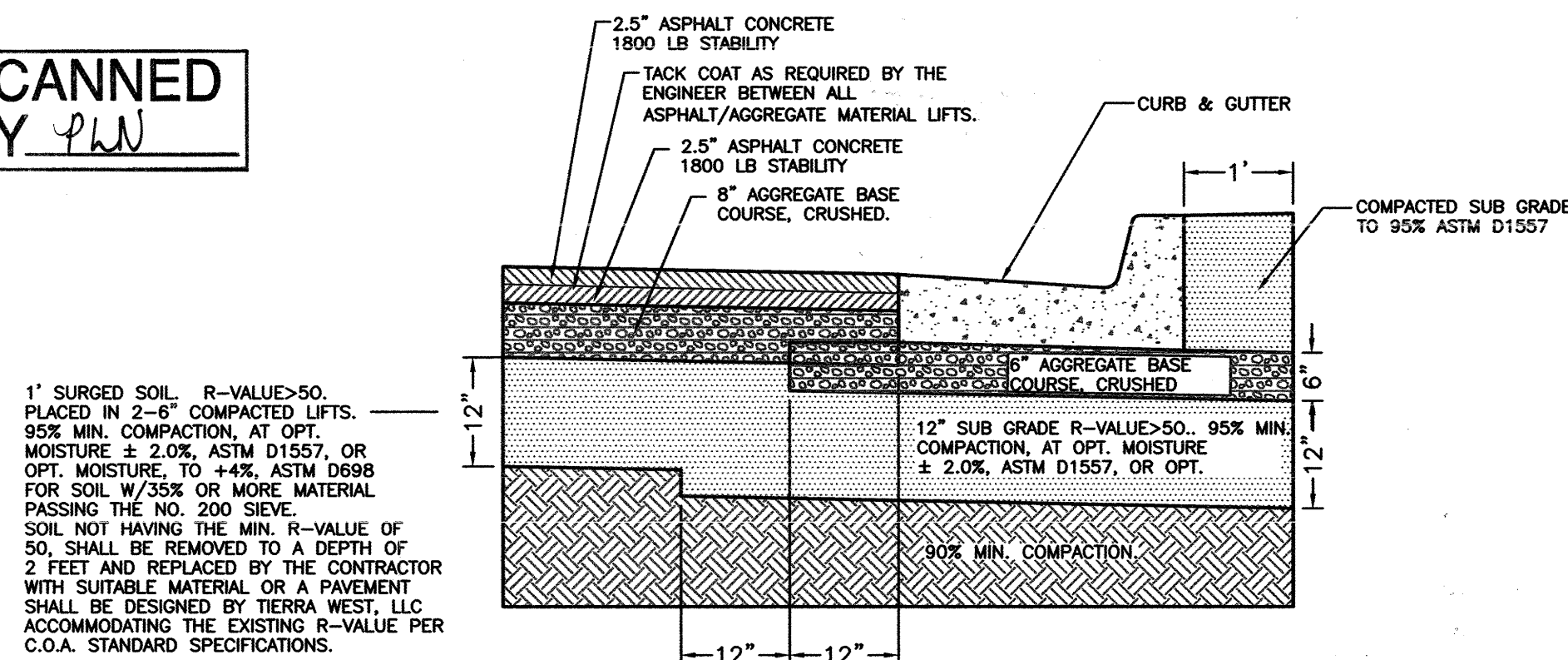
TIERRA WEST, LLC
 8509 JEFFERSON NE
 ALBUQUERQUE, NEW MEXICO 87113
 (505)858-3100

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: SAM'S CLUB - STORE #4938-00 UTILITY IMPROVEMENT RENAISSANCE BLVD AND CULTURE DRIVE	
DESIGN REVIEW COMMITTEE APPROVE APR 28 2005 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVE JUL 14 2005 CITY ENGINEER
CITY PROJECT NO. 598283	ZONE MAP NO. SHEET DRC6

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		A.C.S. MONUMENT "2-F16"		CONTRACTOR	JAYNES CORP
				NO.	BY	DATE	STANDARD A.C.S. ALUMINUM CAP	WORK	BASELINE SERVICES
							NM STATE PLANE COORDINATES	INSPECTED BY	DATE
							Central Zone (NAD 1927)	ACCEPTANCE BY	DATE
							X=390,920.06	FIELD VERIFICATION BY	DATE
							Y=1,504,671.78	DATE	DATE
							G-G=0.9996718	REVISIONS	DATE
							Da=0012'36"	CORRECTED BY	DATE
							EL=5062.020 (NGVD 1929)	RECORDED BY	DATE
								NO.	DATE

SCANNED BY PLW



TYPICAL PAVING SECTION
NTS PER CITY PROJECT NO. 2310

QUARTER POINTS

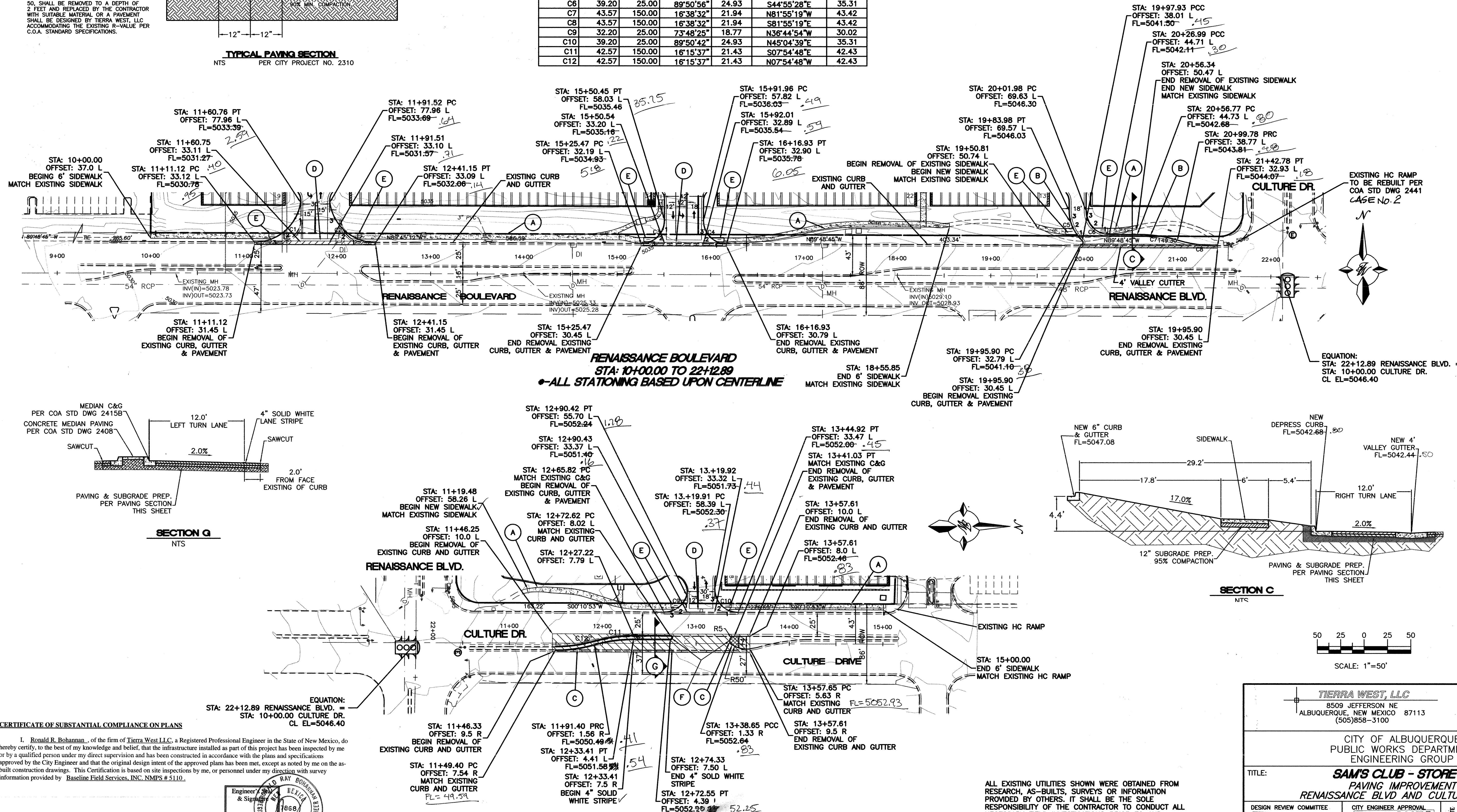
C1	FL	ELEV.	C2	FL	ELEV.	C3	FL	ELEV.	C4	FL	ELEV.	C5	FL	ELEV.	C6	FL	ELEV.	C9	FL	ELEV.	C10	FL	ELEV.
1	5032.42		1	5032.08		1	5035.33		1	5035.78		1	5041.95		1	5042.46		1	5051.96		1	5052.22	
2	5031.32		2	5032.10		2	5035.19		2	5035.84		2	5042.40		2	5042.82		2	5051.69		2	5052.15	
3	5031.05		3	5032.40		3	5035.06		3	5035.90		3	5044.21		3	5044.56		3	5051.41		3	5052.08	

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH. BEARING	CHORD
C1	71.16	50.00	81°32'33"	43.12	N49°26'39"E	65.30
C2	69.29	50.10	79°15'10"	41.48	S47°53'42"E	63.90
C3	39.34	25.00	90°09'46"	25.07	N45°04'53"E	35.41
C4	39.17	25.00	89°45'42"	24.90	S44°52'51"E	35.28
C5	35.52	43.00	47°19'30"	18.84	S23°39'45"E	34.52
C6	39.20	25.00	89°50'56"	24.93	S44°55'28"E	35.31
C7	43.57	150.00	16°38'32"	21.94	N81°55'19"W	43.42
C8	43.57	150.00	16°38'32"	21.94	S81°55'19"E	43.42
C9	32.20	25.00	73°48'25"	18.77	N36°44'54"W	30.02
C10	39.20	25.00	89°50'42"	24.93	N45°04'39"E	35.31
C11	42.57	150.00	16°15'37"	21.43	S07°54'48"E	42.43
C12	42.57	150.00	16°15'37"	21.43	N07°54'48"W	42.43

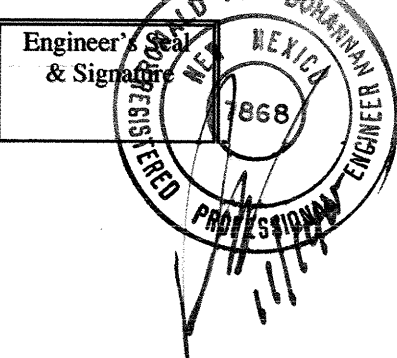
KEYED NOTE:

- A 6" CONC. SIDEWALK PER COA STD DWG 2430
- B STANDARD CURB AND GUTTER PER COA STD. DWG #2415A
- C MEDIAN CURB AND GUTTER PER COA STD. DWG #2415B
- D 6" VALLEY GUTTER PER C.O.A. STD DWG #2420
- E UNIDIRECTIONAL HC RAMP PER COA. STD. DWG. 2426
- F PAINT MEDIAN NOSE YELLOW



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West, LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Baseline Field Services, INC. NMPS #5110.



CULTURE DRIVE
STA: 10+00.00 TO 15+00.00
ALL STATIONING BASED UPON CENTERLINE

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SAM'S CLUB - STORE #4938-00**
PAVING IMPROVEMENT
RENAISSANCE BLVD AND CULTURE DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED APR 28 2005	APPROVED JUL 14 2005		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
CITY PROJECT NO. 598283	ZONE MAP NO.	SHEET	DRC7