

26-6145-81-2011

CONSTRUCTION PLANS

SCANNED BY
PLANNING

FOR

SANDIA PLAZA

ROAD AND UTILITY IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
MAY 1999

FW

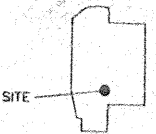
APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Anthony Lopez
DATE: 2-5-2011

* Field verified
NOT AS-BUILT
drawings.

INDEX TO DRAWINGS

1. TITLE SHEET
2. PLAT
3. GRADING AND DRAINAGE PLAN
4. MASTER UTILITY PLAN
5. JUAN TABO BOULEVARD DECELERATION LANE
STA: 10+00 TO 13+37.49
6. WATERLINE IMPROVEMENTS
STA: 10+00.00 TO 14+87.14
7. SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
8. TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES

For Information Only



VICINITY MAP ZONE ATLAS G-21-Z

SCALE NONE

NOTICE TO CONTRACTORS

1. 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 #6).
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
4. 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.
5. FIVE (5) 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 (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTIVE PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. 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.

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.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEEPRESSED 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.

TIERRA WEST, LLC
4421 MCLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		ORC Chairman		<i>Anthony Lopez</i>		7-26-00	
		Transportation		<i>Anthony Lopez</i>		5-31-00	
		Water/Wastewater		<i>Anthony Lopez</i>		5-31-00	
		Hydrology		<i>Anthony Lopez</i>		5-31-00	
		CLP		<i>Anthony Lopez</i>		5-31-00	
		Constr. Mngmt.		<i>Anthony Lopez</i>		5-31-00	
		Constr. Coord.		<i>Anthony Lopez</i>		5-31-00	
		CITY PROJECT NO.		614581		SHEET	
						1 OF 8	

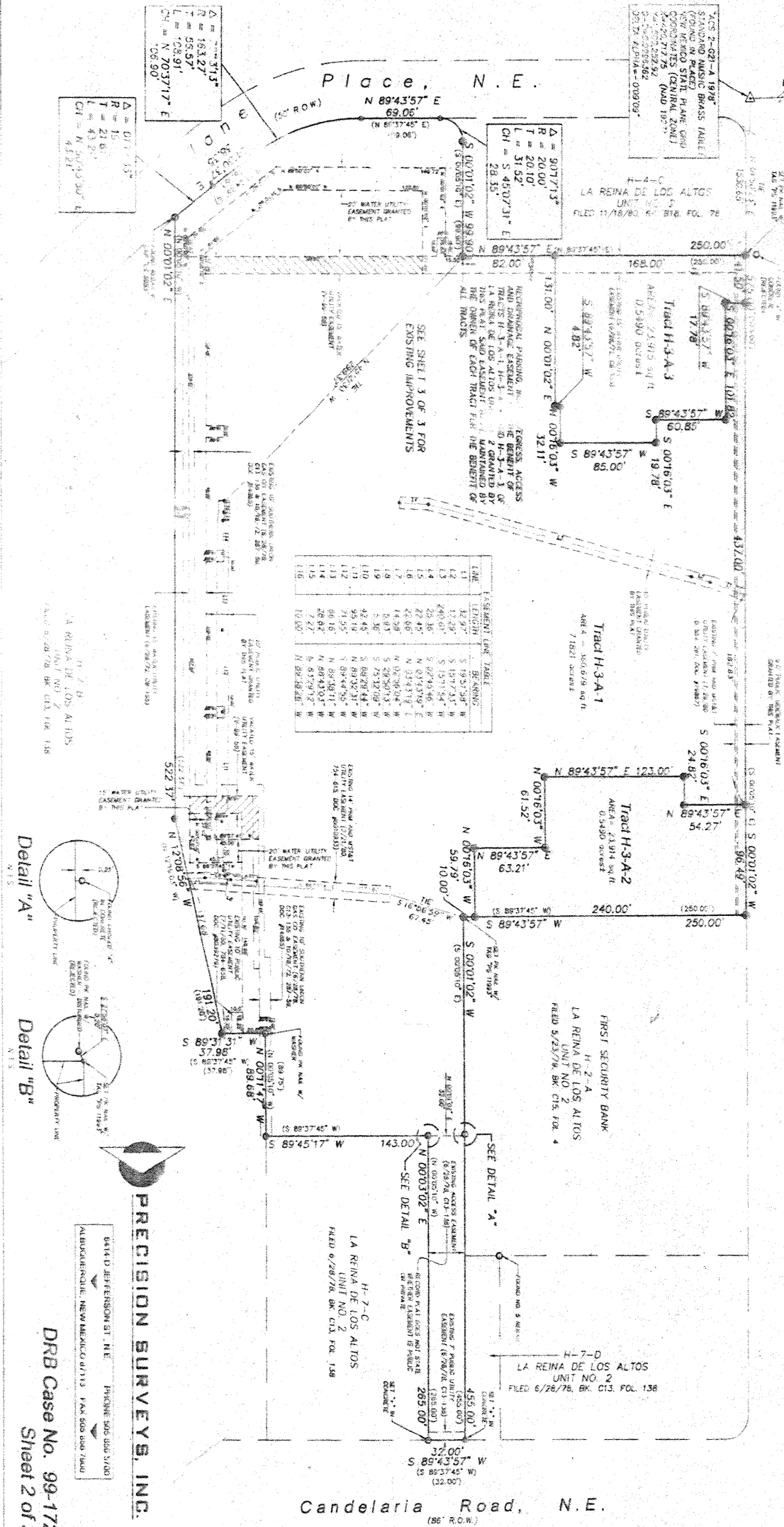
Play of
 Tracts H-3-A-1, H-3-A-2 and H-3-A-3
 La Reina De Los Allos
 Unit No. 2
 City of Albuquerque, Bernalillo County, New Mexico
 September 1959

GRAPHIC SCALE

(IN FEET)

1 inch = 50 ft.

0 50 100 150 200



Legal Description

GROSS SUBDIVISION ACREAGE: 8.2801 ACRES ±
 ZONE: A.T.L.S INDEX NO.: G-21-Z
 MO. OF LOTS: 60
 MO. OF TRACTS: 3
 MO. OF LOTS: 60
 MO. OF TRACTS: 3
 MAPS OF TALL-WIDTH STREETS CONTROLLED: 0
 DATE OF SURVEY: JUNE 1998

Subdivision Data:
 Zone Atlas Map No. G-21-Z

Location Map

SCANNED BY
PLANNING

1. INFO DATA: ZIONG C-2
2. BEARINGS SHOWN ARE GROUND BEARINGS (NEW MEXICO STATE - M-AD 1972)
3. ALL DISTANCES ARE GROUND DISTANCES - (US SURVEY FIND)
4. THIS PROPERTY LIES WITHIN SECTION 4, TOWNSHIP 20 NORTH, RANGE 4 EAST, NEW MEXICO PRINCIPAL MERIDION, BERNALILLO COUNTY, NEW MEXICO
5. THE PURPOSE OF THIS PLAT IS TO VACATE EXISTINGLY TO GRANT EASEMENTS AND TO CREATE 3 NEW TRACTS.
6. PLAT SHOWS ALL EASEMENTS OF RECORD.

Easements

THIS PLAT SHOWS EXISTING RECORDS AND APPLICABLE EASEMENTS AND NOTED PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED HEREIN CHECKED AND JOINT USE OF:

1. PURE ELECTRIC SERVICES FOR INSTALLATION, MAINTENANCE, AND REPAIR OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, COMMUNICATION FACILITIES, TRANSFORMERS, PILES AND ANY OTHER EQUIPMENT, FITTINGS, STRUCTURES AND RELATED MATERIALS NECESSARY TO PROVIDE ELECTRICAL SERVICE.
2. ACCESS, EGRESS, EASEMENT, AND RIGHTS OF WAY, TRAIL, OR ROAD, GAS LINES, WATER LINES, AND OTHER EQUIPMENT AND FACILITIES NECESSARY TO SERVE NATURAL GAS.
3. USE BEST FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF AIR-CONDITIONING, HEATING, VENTILATION, AND AIR-CONDITIONING SYSTEMS, INCLUDING BUT NOT LIMITED TO, FIELD CONTROL, REMOTE COMMUNICATION SERVICES, INCLUDING FRI, AND ELECTRICITY TO PROVIDE COLD, WARM, AND HOT WATER, AND SERVICES, INCLUDING BUT NOT LIMITED TO, PROVIDE CABLE TV, SATELLITE, AND RELATED EQUIPMENT AND SERVICES, INCLUDING BUT NOT LIMITED TO, PROVIDE

Free Consent and Dedication

[illegible]

Acknowledgement

5. a. $\frac{1}{2}$ b. $\frac{1}{2}$ c. $\frac{1}{2}$ d. $\frac{1}{2}$ e. $\frac{1}{2}$ f. $\frac{1}{2}$ g. $\frac{1}{2}$ h. $\frac{1}{2}$ i. $\frac{1}{2}$ j. $\frac{1}{2}$ k. $\frac{1}{2}$ l. $\frac{1}{2}$ m. $\frac{1}{2}$ n. $\frac{1}{2}$ o. $\frac{1}{2}$ p. $\frac{1}{2}$ q. $\frac{1}{2}$ r. $\frac{1}{2}$ s. $\frac{1}{2}$ t. $\frac{1}{2}$ u. $\frac{1}{2}$ v. $\frac{1}{2}$ w. $\frac{1}{2}$ x. $\frac{1}{2}$ y. $\frac{1}{2}$ z. $\frac{1}{2}$

PRECISION SURVEYS, INC.

DRB Case No. 99-172
Sheet 2 of 3

Plat of
Tracts H-3-A-1, H-3-A-2 and H-3-A-3
La Reina De Los Altos
Unit No. 2
City of Albuquerque, Bernalillo County, New Mexico
Scale: 1" = 100'

Applicants	Approvals	SP
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[illegible]

Surveyor's Certificate

[illegible]

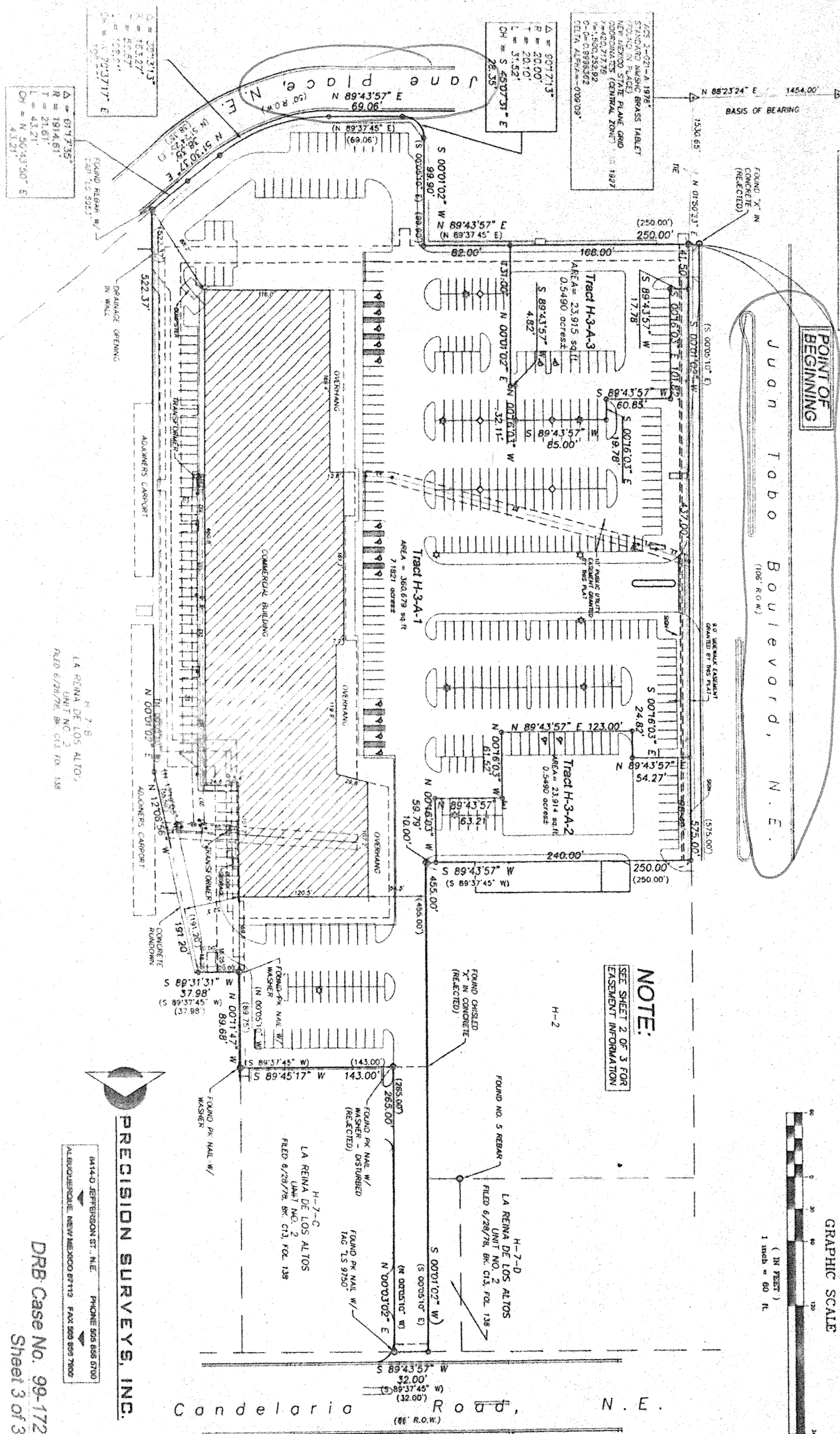
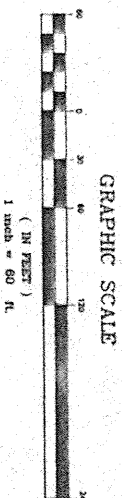
PRECISION SURVEYS, INC.
 10000 W. 10th Avenue, Suite 100, Denver, CO 80231
 (303) 751-1000
 Telex: 154545
 Fax: (303) 751-1001

DRB Case No. 99-

LEGEND

FOUND IN PARENTS	FOUND IN PARENTS
N 90°00'00" E	RECORD BEARINGS AND DISTANCES
○	MEASURED BEARING AND DISTANCES
○	FOUND AND USED MONUMENT
○	AS DESIGNATED
○	DESIGNATES REPAIR W/FAI TO BE SET
○	UNLESS OTHERWISE NOTED
○	FILE IN BUREAU
○	WATER METER
○	CAS METER
○	ELECTRIC METER
○	STORAGE BUILDING

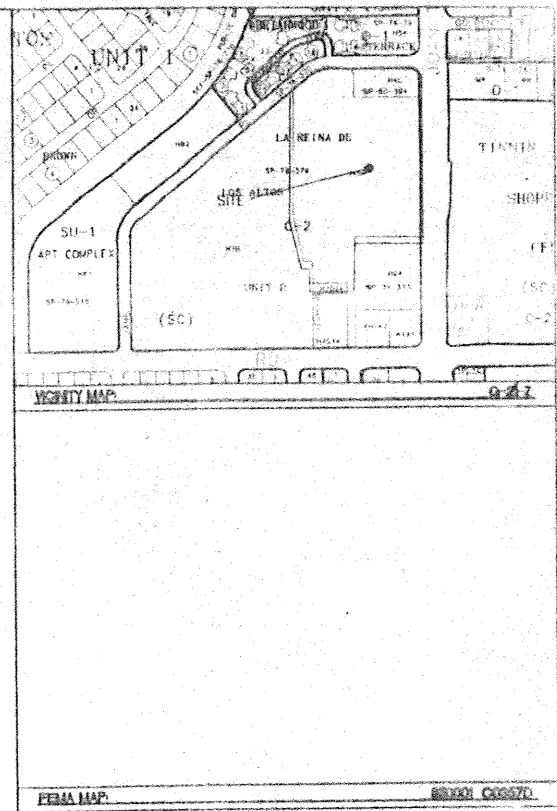
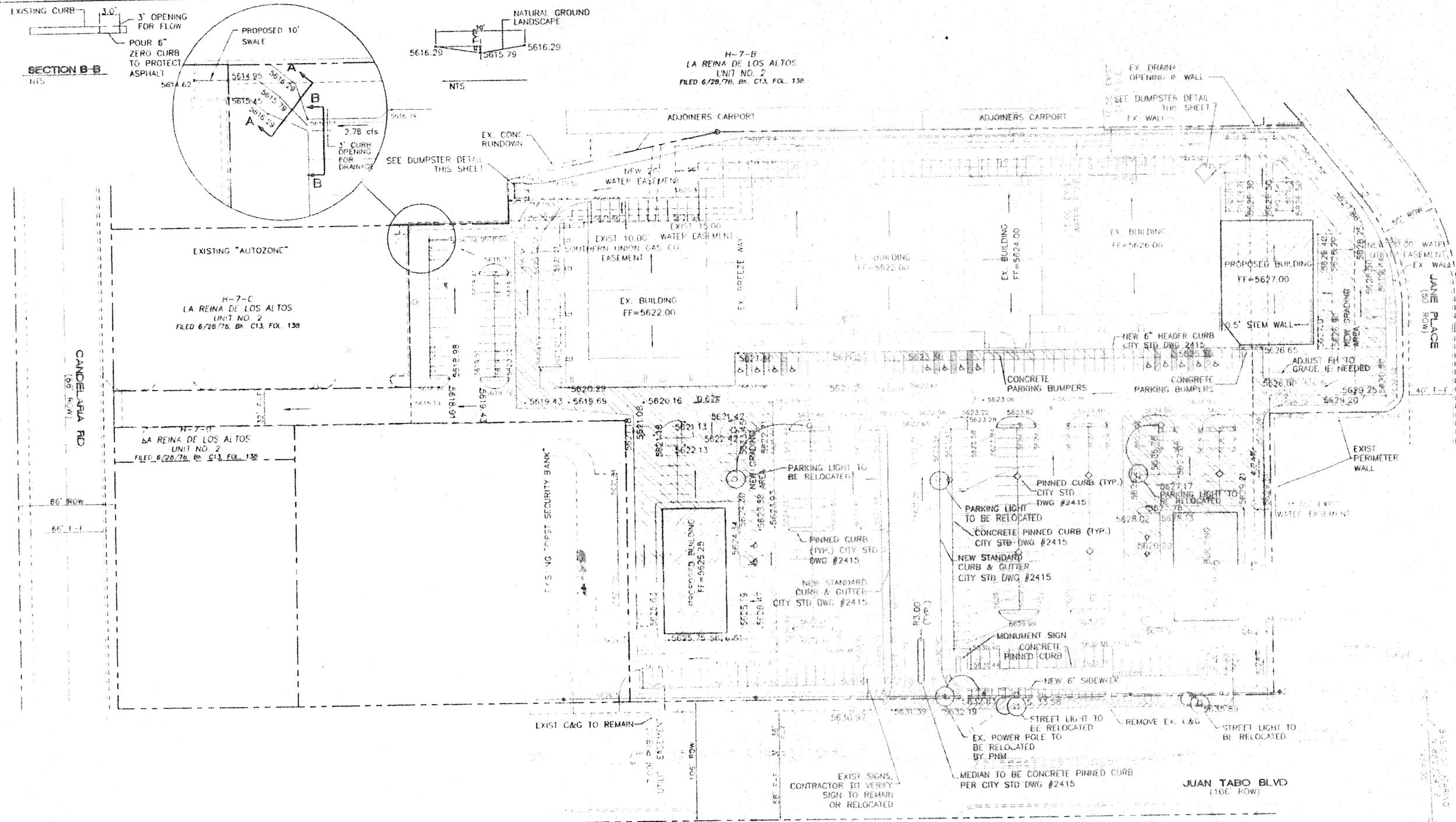
Plat of
Tract H-3-A-1
La Reina De Los Altos
Unit No. 2
City of Albuquerque, Bernalillo County, New Mexico
September 1999



PRECISION SURVEYS, INC.

DRB Case No. 99-172
Sheet 3 of 3

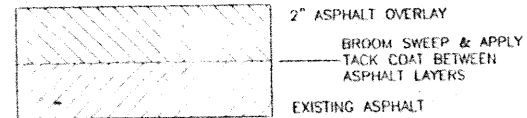
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PLANNING



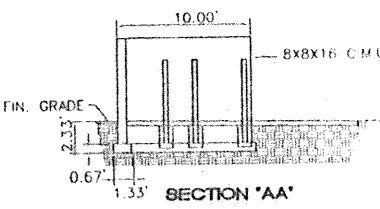
LEGAL DESCRIPTION
TRACT H-3-A LA REINA DE LOS ALTOS, UNIT NO. 2

- NOTES:**
1. ALL SPOT ELEVATIONS ARE AT 100' UNLESS OTHERWISE NOTED.
 2. HATCHED AREA REPRESENTS EXISTING PAVEMENT TO REMAIN. ALL OTHER EXISTING PAVEMENT TO BE REMOVED AND REPLACED WITH 2" ASPHALT OVERLAY. ALL NEW GRADING AREAS TO BE BUILT AT GRADE AND FIELD MATCHED TO THE EXISTING ASPHALT GRADES.
 3. EXISTING PAVEMENT AREA TO BE OVERLAYED WITH 2" ASPHALT AS NOTED IN DETAIL THIS SHEET. LOOSE ASPHALT TO BE REMOVED AND REPLACED.

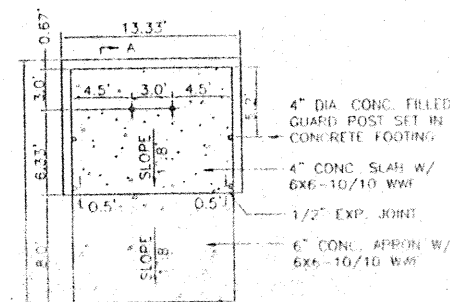
- LEGEND**
- EXISTING SAS MANHOLE
 - EXISTING FIRE HYDRANT
 - EXISTING SANITARY SEWER LINE
 - EXISTING WATER LINE
 - EXISTING CURB & GUTTER
 - EXISTING EDGE OF CONCRETE
 - EXISTING CONTOUR (MAJOR)
 - EXISTING CONTOUR (MINOR)
 - BOUNDARY LINE
 - EASEMENT
 - PROPOSED SIDEWALK
 - PROPOSED SPOT ELEVATION @ FL
 - EXISTING GRADE SPOT ELEVATION
 - NEW OVERLAY PAVING AREA
 - REMOVE AND REPLACE NEW GRADING AREA



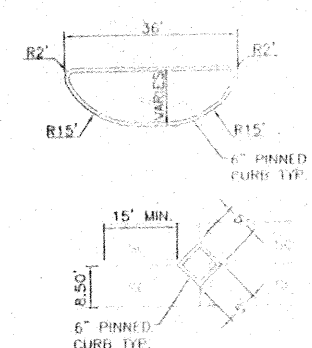
2" OVERLAY PAVING SECTION
(INTERNAL PAVING ONLY)
(SEE NOTE #3 THIS SHEET)



PIPE POST DETAIL
(NO SCALE)



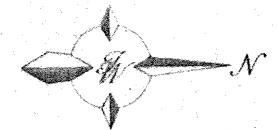
DUMPSTER ENCLOSURE PLAN
NTS



TYPICAL TREE PLANTER DETAIL
NTS

EROSION CONTROL PLAN AND POLLUTION PREVENTION NOTES

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.



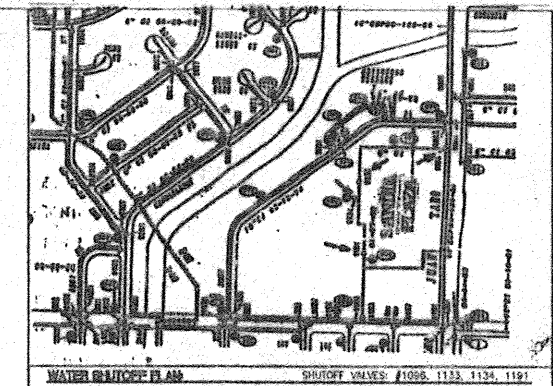
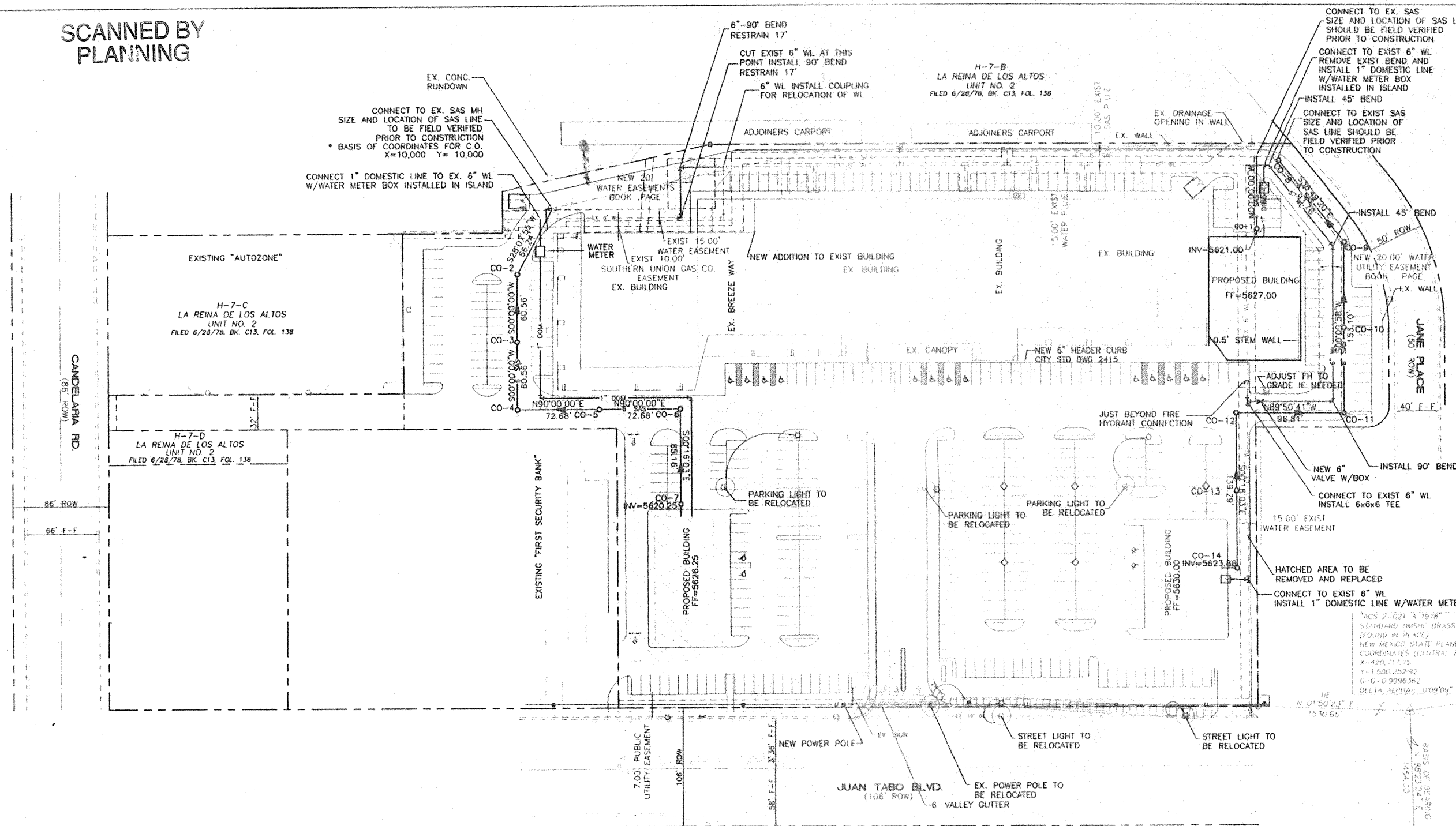
GRAPHIC SCALE



ROUGH GRADING APPROVAL _____ DATE _____

ENGINEER'S SEAL RONALD R. BOHANNON P.E. 87869	SANDIA PLAZA SHOPPING CENTER GRADING AND DRAINAGE PLAN TIERRA WEST, LLC 4421 MCLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592	DRAWN BY: WCV/J DATE: 3-7-00 9804GR.DWG SHEET # 3 JOB # 980004
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SCANNED BY
PLANNING



1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) FIVE (5) 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 PLAN ABOVE.

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 INTERIM 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. BACK FILL 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.

GENERAL NOTES:

1. 3' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS NOTED.
2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATION.
3. ALL STUBS AND UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
4. CLEAN OUTS TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
5. CLEAN OUTS & MANHOLE TIE POINTS ARE TAKEN USING THE EXIST SAS MANHOLE LOCATED AT THE SW BUILDING CORNER X=10,000, Y=10,000.
6. SEE ARCHITECTURAL PLANS FOR LIGHTING CONDUITS AND TELEPHONE LINES.

LEGEND

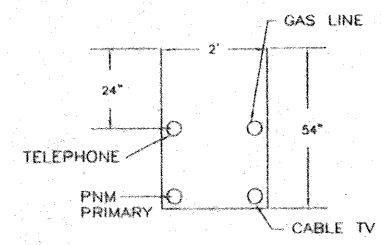
- EXISTING SAS MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING CURB & GUTTER
- EXISTING EDGE OF CONCRETE
- PROPOSED WATERLINE
- BOUNDARY LINE
- EASEMENT
- REMOVAL AND REPLACE PAVING AREA

SAS CLEAN OUT DATA - PRIVATE

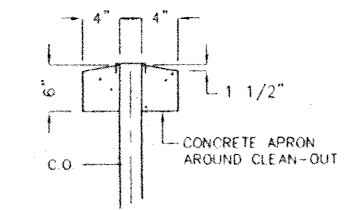
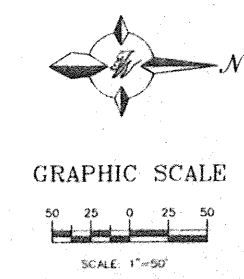
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2	9968.77	9941.58	5619.73	5614.12
3	9968.77	9881.02	5619.56	5615.13
4	9968.77	9820.46	5619.43	5616.15
5	10041.44	9820.46	5619.91	5617.37
6	10114.12	9820.46	5620.42	5618.59
7	10114.51	9735.31	5624.63	5620.25
8	10652.90	10041.99	5625.06	5619.53
9	10711.68	9968.94	5628.11	5620.38
10	10711.45	9892.40	5628.75	5621.07
11	10711.23	9815.85	5629.23	5621.76
12	10614.42	9816.11	5625.62	5622.63
13	10614.75	9746.47	5628.48	5623.26
14	10615.07	9676.83	5629.40	5623.88

BASIS OF COORDINATES IS AT X=10,000.00, Y=10,000.00.
LOCATED AT CENTER POINT OF EXISTING SAS MANHOLE,
LOCATED AT THE S.W. CORNER OF BUILDING

CAUTION:
EXISTING UTILITIES THAT ARE NOT SHOWN
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

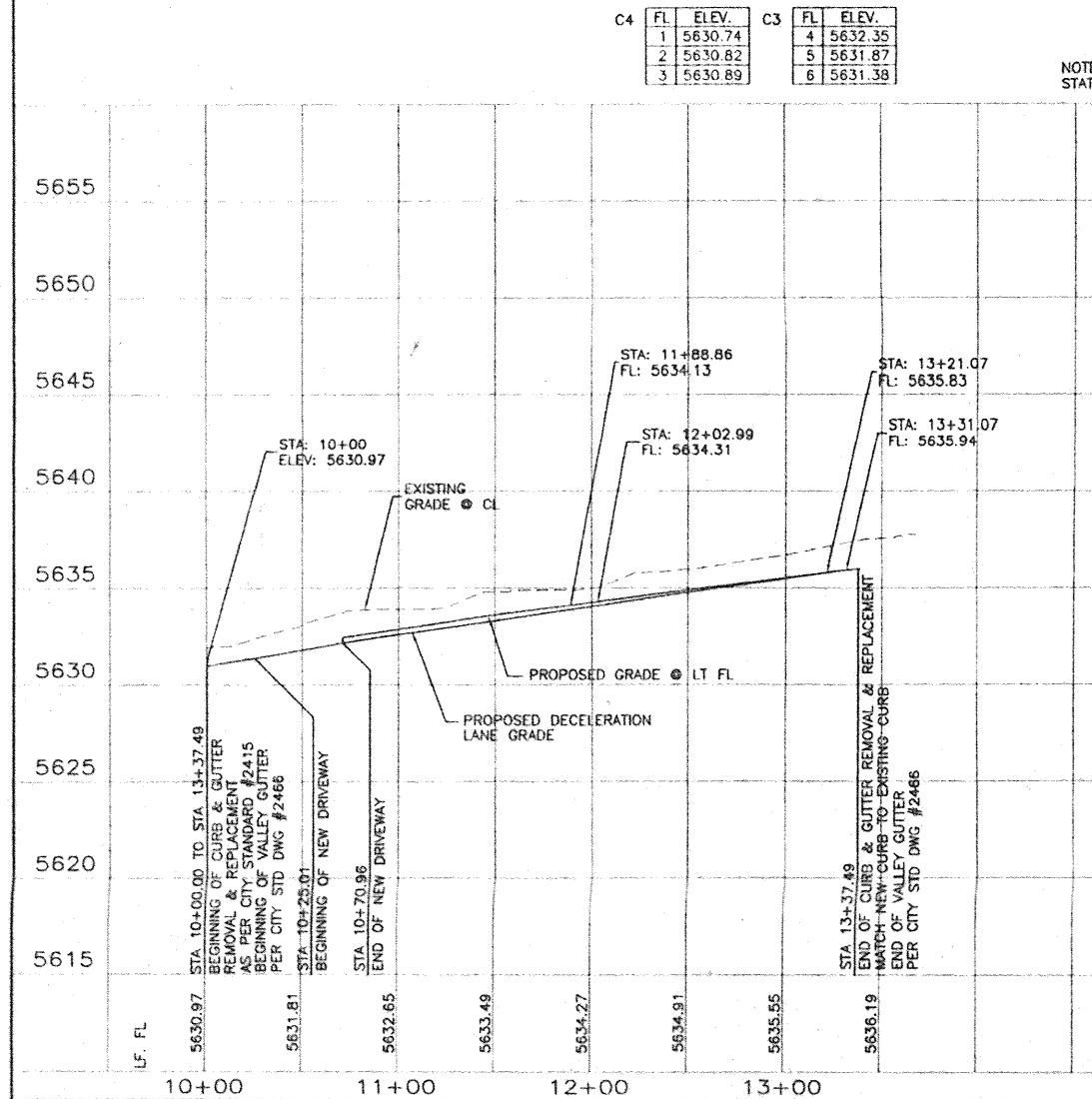
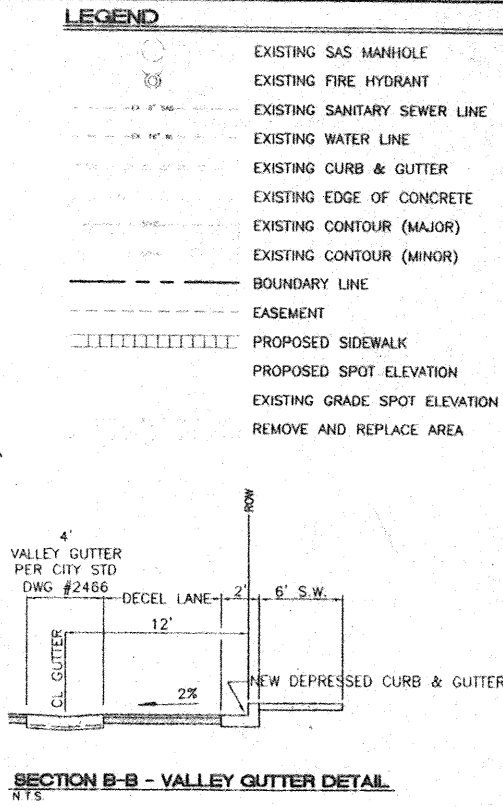
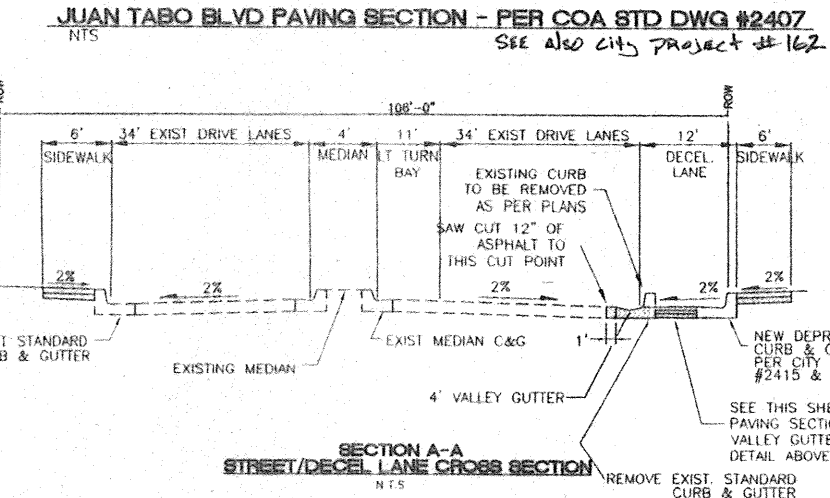
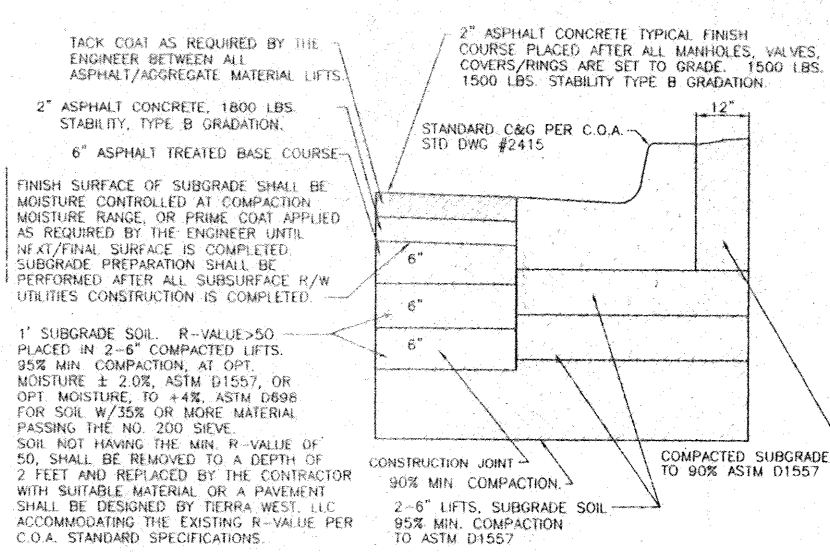
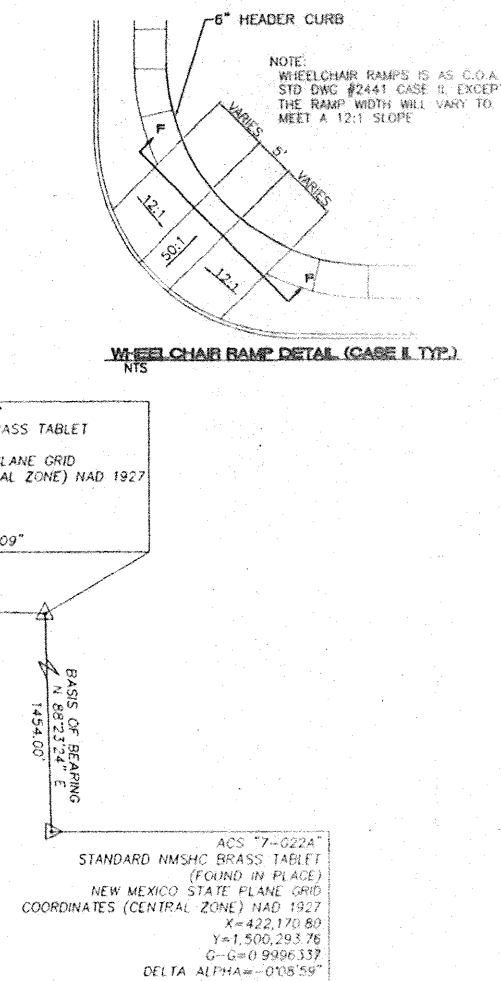
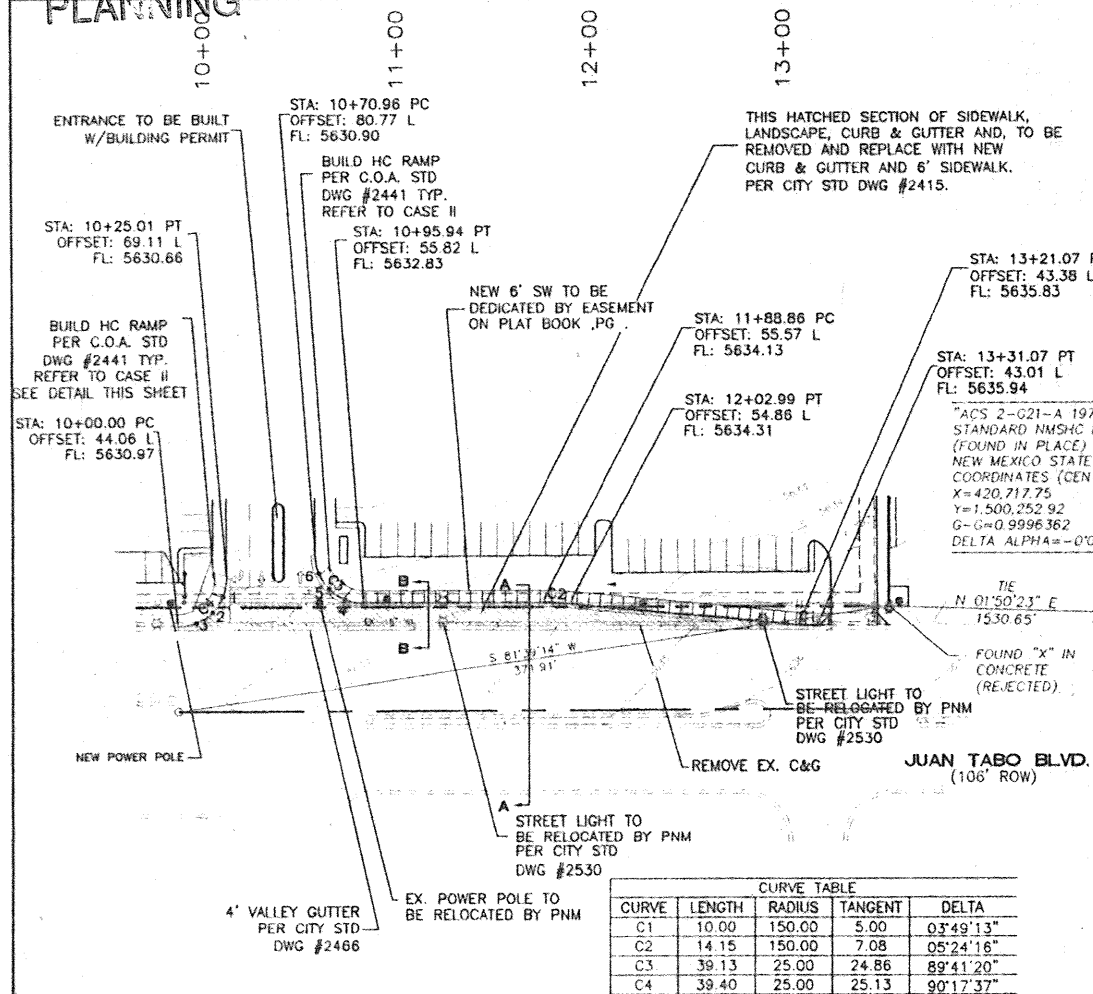


UTILITY TRENCH DETAIL
NTS



CLEAN-OUT
NTS

ENGINEER'S SEAL	SANDIA PLAZA SHOPPING CENTER	DRAWN BY: VCW/J
	MASTER UTILITY PLAN	DATE 6-7-00
RONALD R. BOHANNAN P.E. #7868	TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	9804MLD.WG
		SHEET # 4
		JTB # 980004



JUAN TABO BOULEVARD
STA: 10+00 TO 13+37.49

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SANDIA PLAZA
DECELERATION LANE
JUAN TABO BOULEVARD STA: 10+00.00 - STA: 13+37.49**

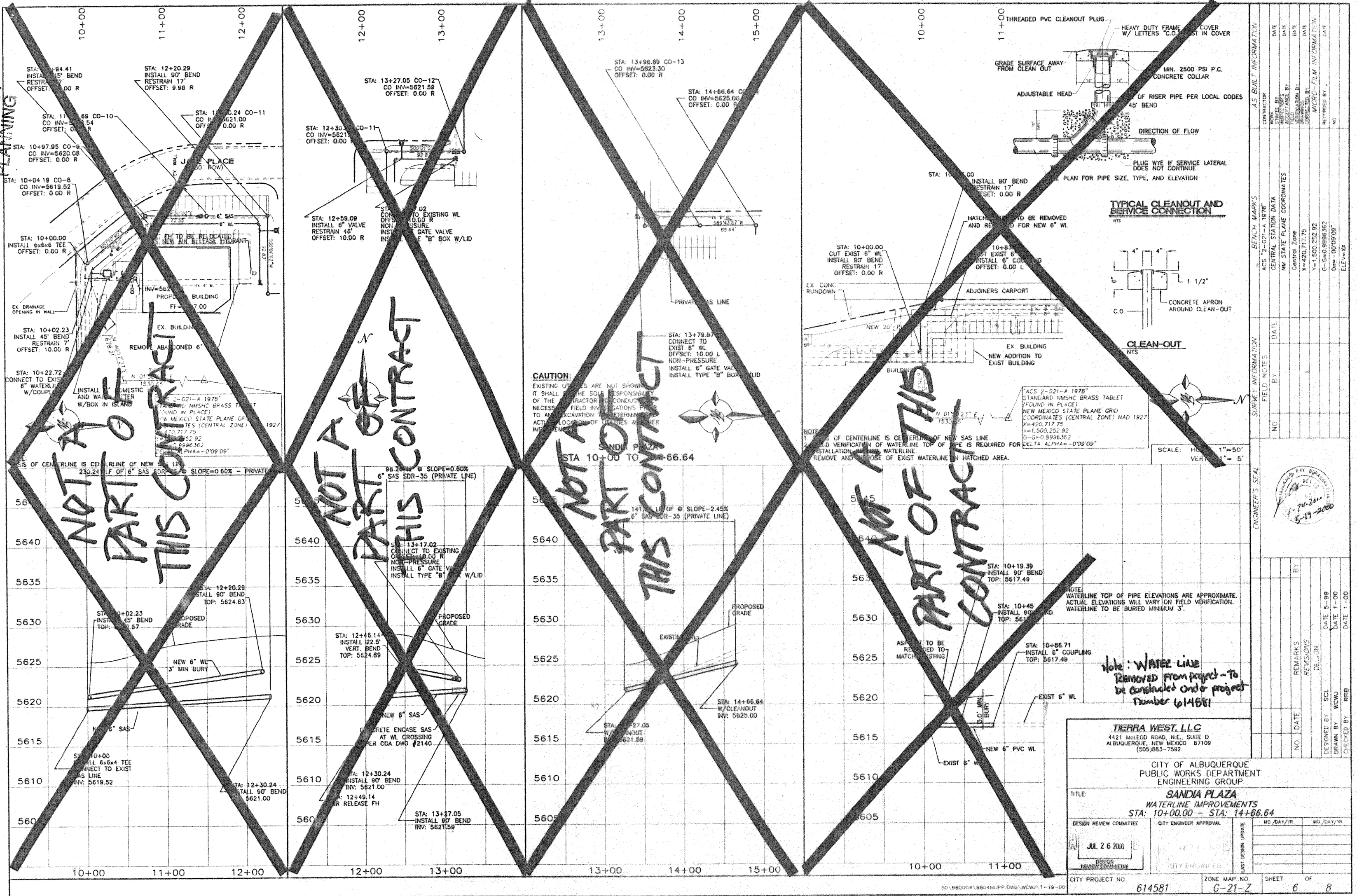
DESIGN REVIEW COMMITTEE: JUL 26 2000
CITY ENGINEER: [Signature]

DESIGNED BY: SCM
DRAWN BY: WCUJ
CHECKED BY: RRB

DATE 5-99
DATE 11-99
DATE 5-99

ZONE MAP NO. 614581
SHEET 5 OF 8

SCANNED BY
PLANNING



Note: WATER LINE
REMOVED FROM PROJECT - To
be constructed under project
Number 614581

TERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592		NO. DA. DESIGNED BY DRAWN BY CHECKED BY													
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP															
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DESIGN REVIEW COMMITTEE JUL 26 2000 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL CITY ENGINEER	LAST DESIGN UPDATE	<table border="1"> <tr> <th>MO./DAY/YR.</th> <th>MO./DAY/YR.</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	MO./DAY/YR.	MO./DAY/YR.										
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CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

- CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
- CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
- THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
- CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
- CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
- ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
- ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
- ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
- ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24-HOUR PER DAY BASIS UNTIL COMPLETED.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
- EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
- CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
- 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
- ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

- CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
 - STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 - SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

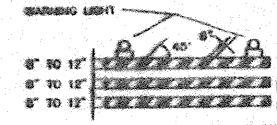
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

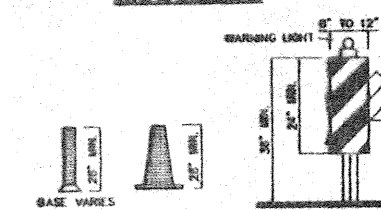
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE MUTCD.

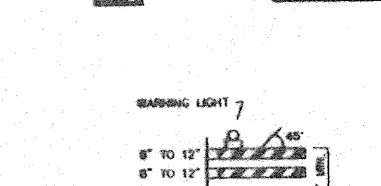
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



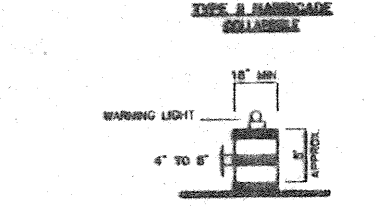
TYPE II BARRICADE



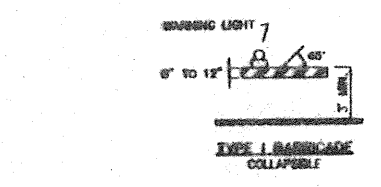
VERTICAL PANEL



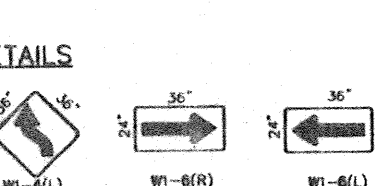
SMALL LEVEL BARRICADE DEVICE



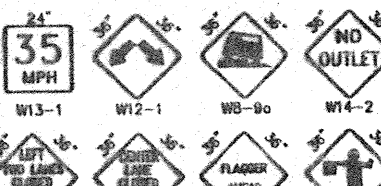
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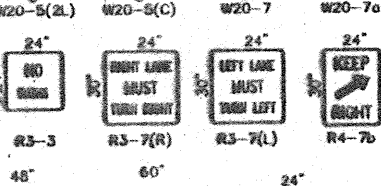
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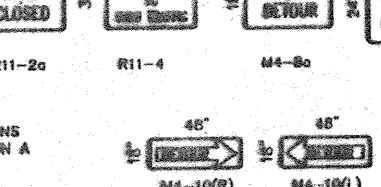
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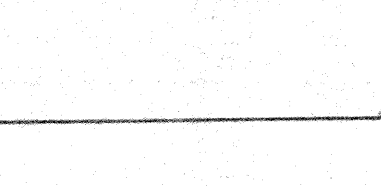
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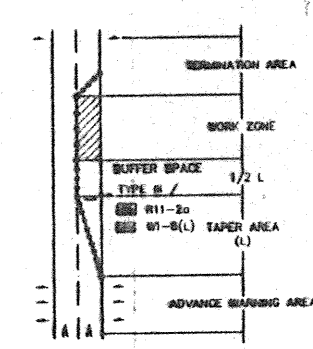
TYPE I BARRICADE



TYPE I BARRICADE



TYPE I BARRICADE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

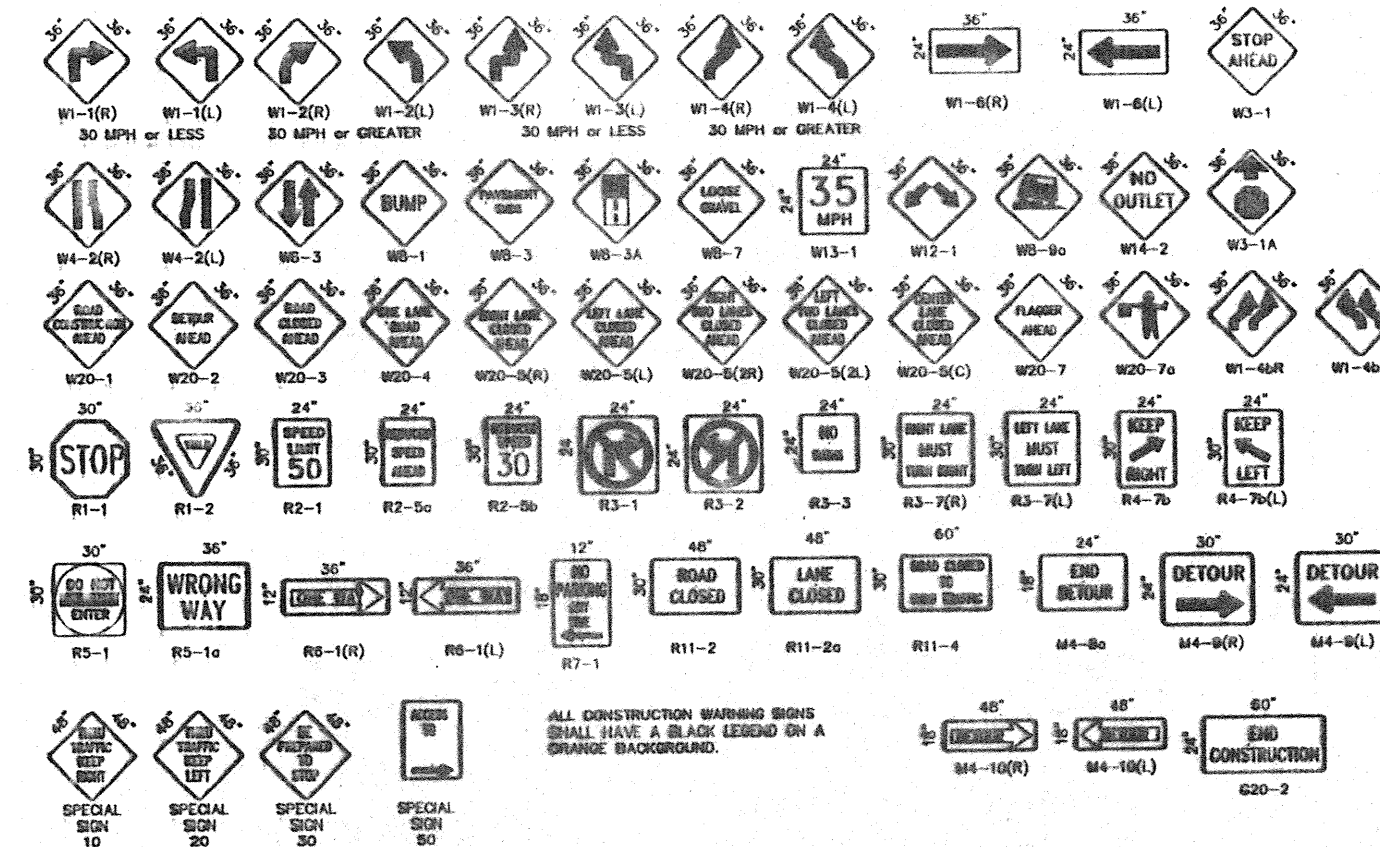
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

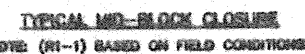
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS	
DESIGN REVIEW COMMITTEE <i>PCA</i>	CITY ENGINEER APPROVAL <i>SJD</i>
PROJECT NO. 614581	MAP NO. 7
SHEET 7 OF 8	

NYC93-002.DWG



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

[illegible]