

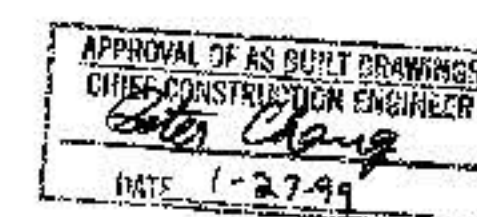
CONSTRUCTION PLANS FOR PARKSITO SUBDIVISION ALBUQUERQUE, NEW MEXICO

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PAVING PLAN
UTILITIES PLAN
PLAN AND PROFILE SHEETS
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SAN YGNACIO ROAD OFF SITE
97TH STREET
FIRMIN COURT
TRAFFIC CONTROL
SIGNING

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VICINITY MAP
N.T.S. ZONE ATLAS L-8

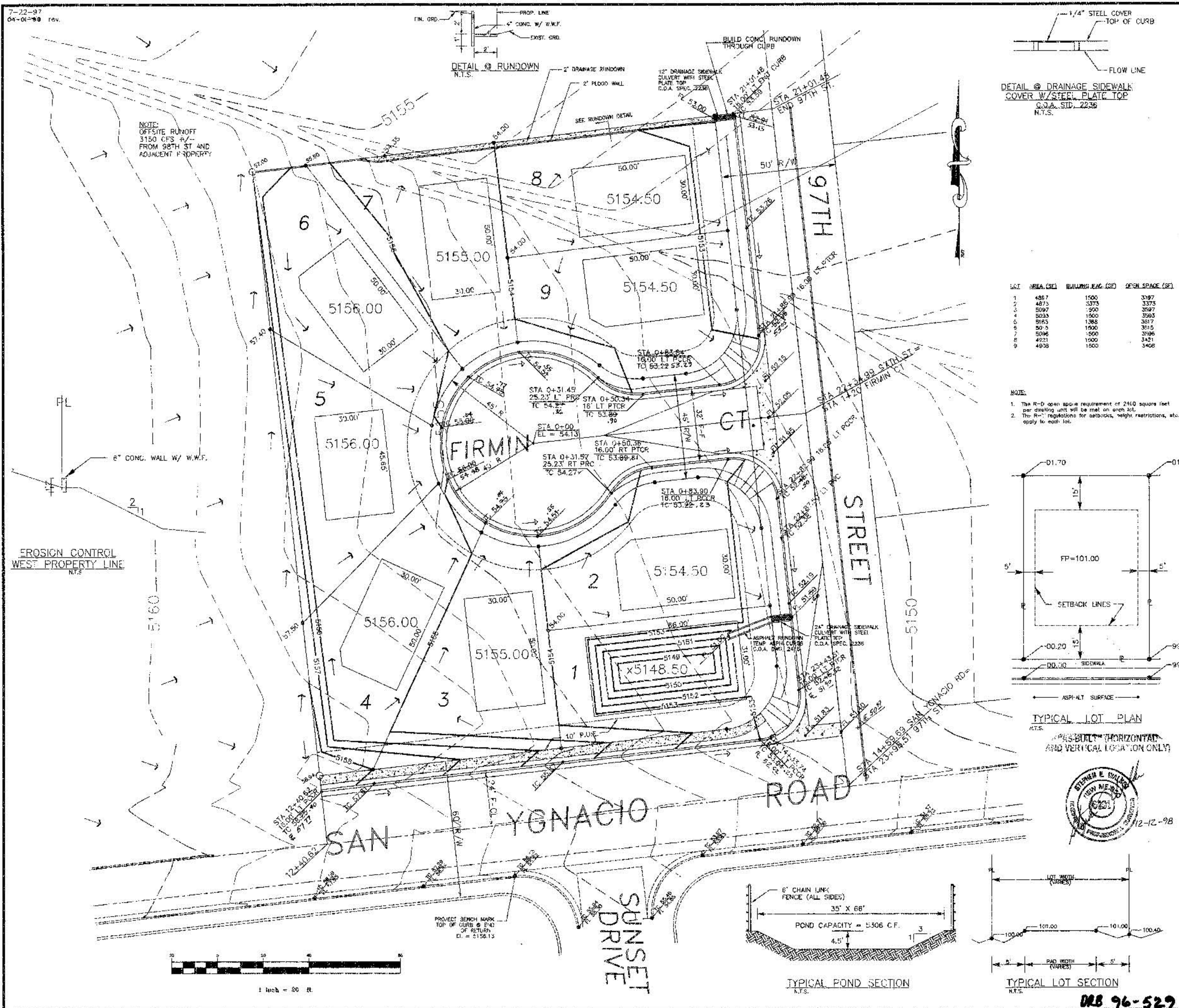
- GENERAL NOTES:**
1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 8, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
 2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1980) AND DETERMINE LOCATION OF EXISTING UTILITIES.
 3. PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
 4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
 5. THE 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.
 6. TRAFFIC CONTROL - FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (786-2801) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED STRIPING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.
 8. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, C & G, DRIVEPADS, HANDICAP RAMPS, AND SIDEWALKS DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER CITY OF ALBUQUERQUE STANDARDS AT HIS OWN EXPENSE.

WATER SHUTOFF REQUIREMENTS

THE CONTRACTOR WILL CONSTRUCT A PRESSURIZED CONNECTION TO THE EXISTING 16" D.I.P. WATER LINE IN SAN YGNACIO ROAD. AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION, 857-8200, TO NOTIFY WATER SYSTEMS DIVISION OF THE PRESSURIZED CONNECTION PLAN.

CAUTION: NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.		 THOMKRAFT ENGINEERING Civil & Environmental KEN THOMPSON P.E. 1 Sunlit Drive East (505)983-2210 Santa Fe, NM 87505																																									
<table border="1"><thead><tr><th>REV.</th><th>SHEETS</th><th>CITY ENGR.</th><th>DATE</th><th>USER</th><th>DEPT.</th><th>DATE</th><th>USER</th><th>DEPT.</th><th>DATE</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				REV.	SHEETS	CITY ENGR.	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE																														
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ENGINEER'S STAMP & SIGNATURE Kenneth R. Thompson City Project No. 562081		<table border="1"><thead><tr><th>APPROVALS</th><th>ENGINEER</th><th>DATE</th><th>* * * * *</th></tr></thead><tbody><tr><td>JRC Chairman</td><td>Billy G. Smith</td><td>5-22-98</td><td rowspan="5">APPROVED FOR CONSTRUCTION 8/3/98</td></tr><tr><td>Transportation</td><td>R.W. Kame</td><td>5-1-98</td></tr><tr><td>Water/Wastewater</td><td>R.W. Kame</td><td>4-17-98</td></tr><tr><td>Hydrology</td><td>R.W. Kame</td><td>4-21-98</td></tr><tr><td>Parks</td><td>R.W. Kame</td><td>4-21-98</td></tr><tr><td>Constr. Mgmt.</td><td>J.R. Smith</td><td>5-18-98</td><td></td></tr><tr><td>Const. Coord.</td><td>J.R. Smith</td><td>5-18-98</td><td></td></tr></tbody></table>		APPROVALS	ENGINEER	DATE	* * * * *	JRC Chairman	Billy G. Smith	5-22-98	APPROVED FOR CONSTRUCTION 8/3/98	Transportation	R.W. Kame	5-1-98	Water/Wastewater	R.W. Kame	4-17-98	Hydrology	R.W. Kame	4-21-98	Parks	R.W. Kame	4-21-98	Constr. Mgmt.	J.R. Smith	5-18-98		Const. Coord.	J.R. Smith	5-18-98													
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DRB Case No. 96-529		Sheet 1 of 11																																									

7-22-97
04-01-98 rev.



AS BUILT INFORMATION

CONTRACTOR: UNIBES-44
SWORN BY: W.A. MEYER
INSPECTOR'S DATE: 1-2-98
REVISIONS BY: L.L. 1-2-98
DATE: 1-2-98
COMPILED BY: W.A. MEYER
DATE: 1-2-98
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

VELOCITY MAP N.T.S.

ZONE ATLAS L-9

NOTES:

- Unless otherwise noted, minimum setbacks are 15 feet front & rear and 5 feet on sides of lots.
- Curb flowline is 0.57 feet below the top of curb elevation.
- Finished floor elevation shall be a minimum of 0.5 feet above pad elevation.
- Street right-of-way widths and paving widths are as noted on plans.
- Contractor must obtain a topsoil disturbance permit from the Construction, latest edition shall govern all work.
- City of Albuquerque Standard Specifications for Public Works Environmental Health Division prior to construction.
- The contractor shall conform to all City, County, State and Federal dust control measures and requirements and will be responsible for preparing and obtaining all necessary applications and approvals.
- The contractor shall ensure that no soil erodes from the lots into public rights-of-way. This can be achieved by constructing temporary berms and wetting the soil to keep it from blowing.
- All concrete curbing to be 4000 PSI @ 28 days.
- Stationing and grades are taken from preliminary plans for S.A.D. 222. Approximate date of construction of S.A.D. 222 is July, 1998.
- All developed run-off from each lot will drain to the adjacent streets.

LEGEND:

- LOT NUMBER
- ELEVATION
- DIRT PAD (SIZE AS SHOWN)
- SPOT ELEVATION
- TOP OF CURB ELEVATION
- ELEVATION AT PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF DRAINAGE

LEGAL DESCRIPTION:

Tract "D", land of Juanita Lopez Vigil
Proj. Sec. 28, T 10 N, R 2 E, N.M.P.M.
Albuquerque, Bernalillo County, New Mexico

THOMKRAFT ENGINEERING
Civil & Environmental

KEN THOMPSON P.E.
(505)393-2210

Route 9, Box 36-0
Santa Fe, NM 87505

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

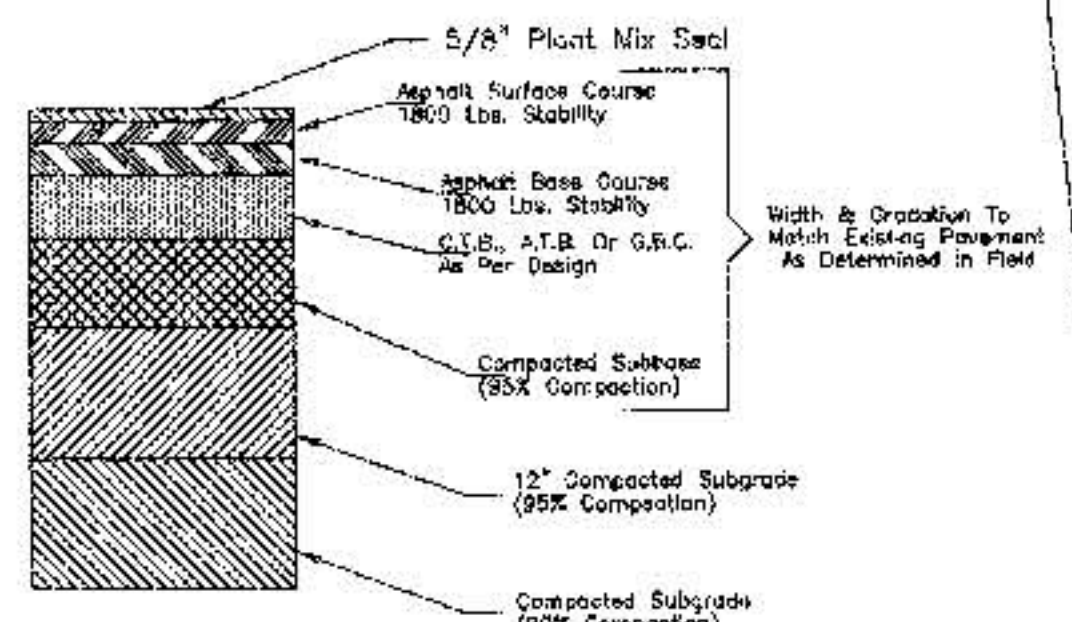
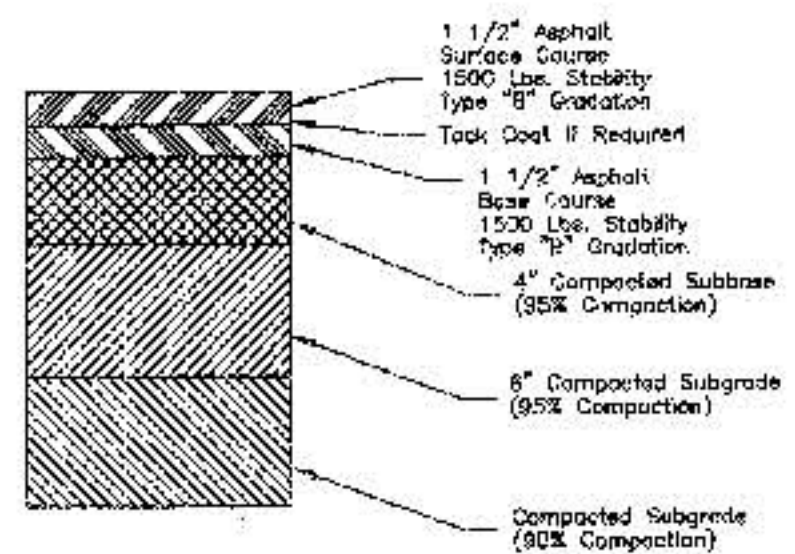
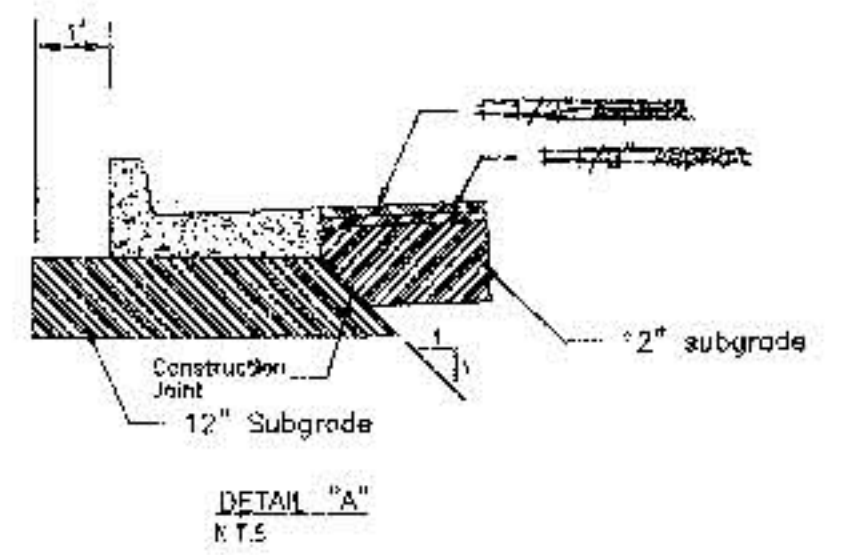
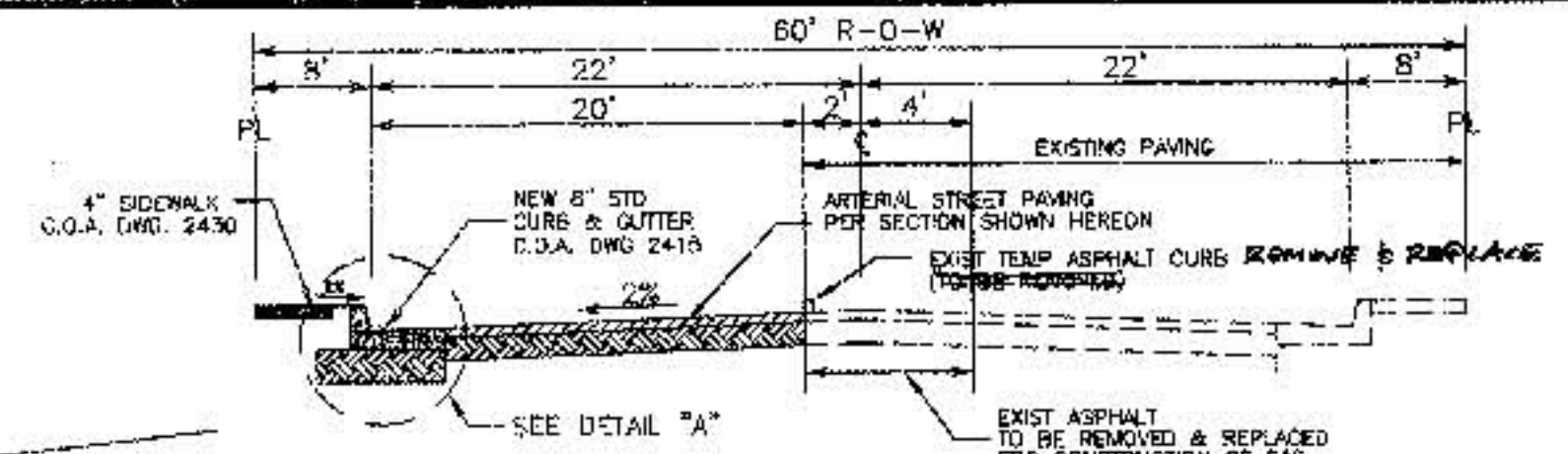
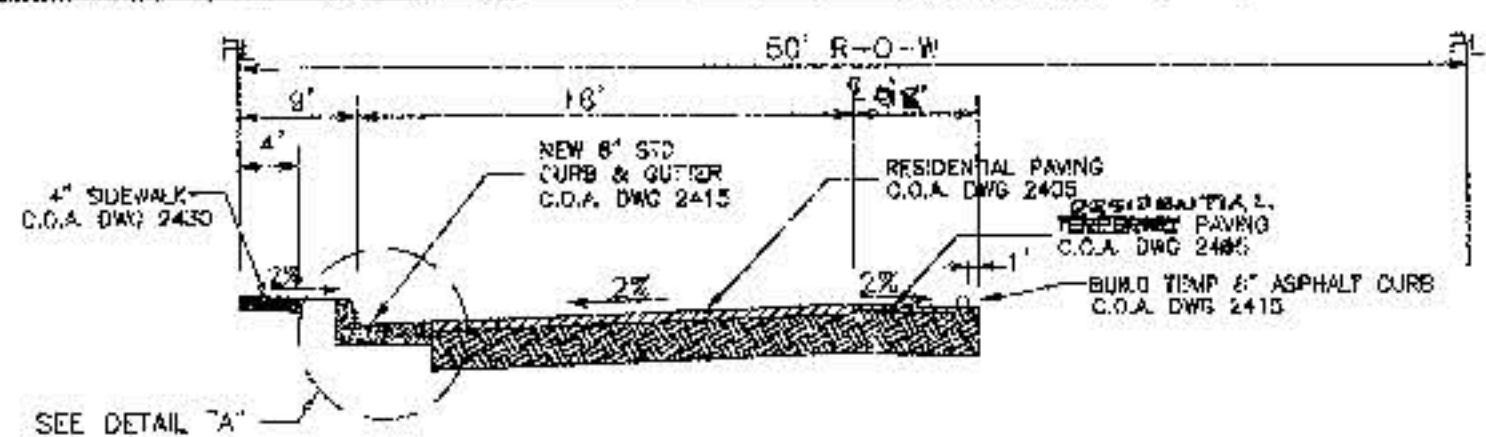
TITLE: PARKSITO SUBDIVISION
GRADING PLAN & DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Project Engineer		
A.G.E. - Design			Inspector		
A.C.E. - Check			Recorder		

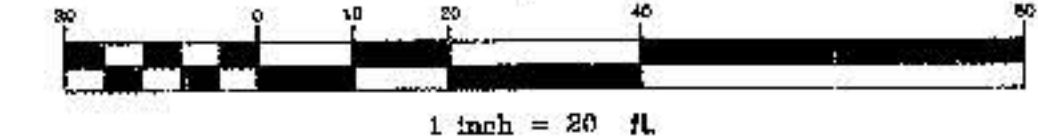
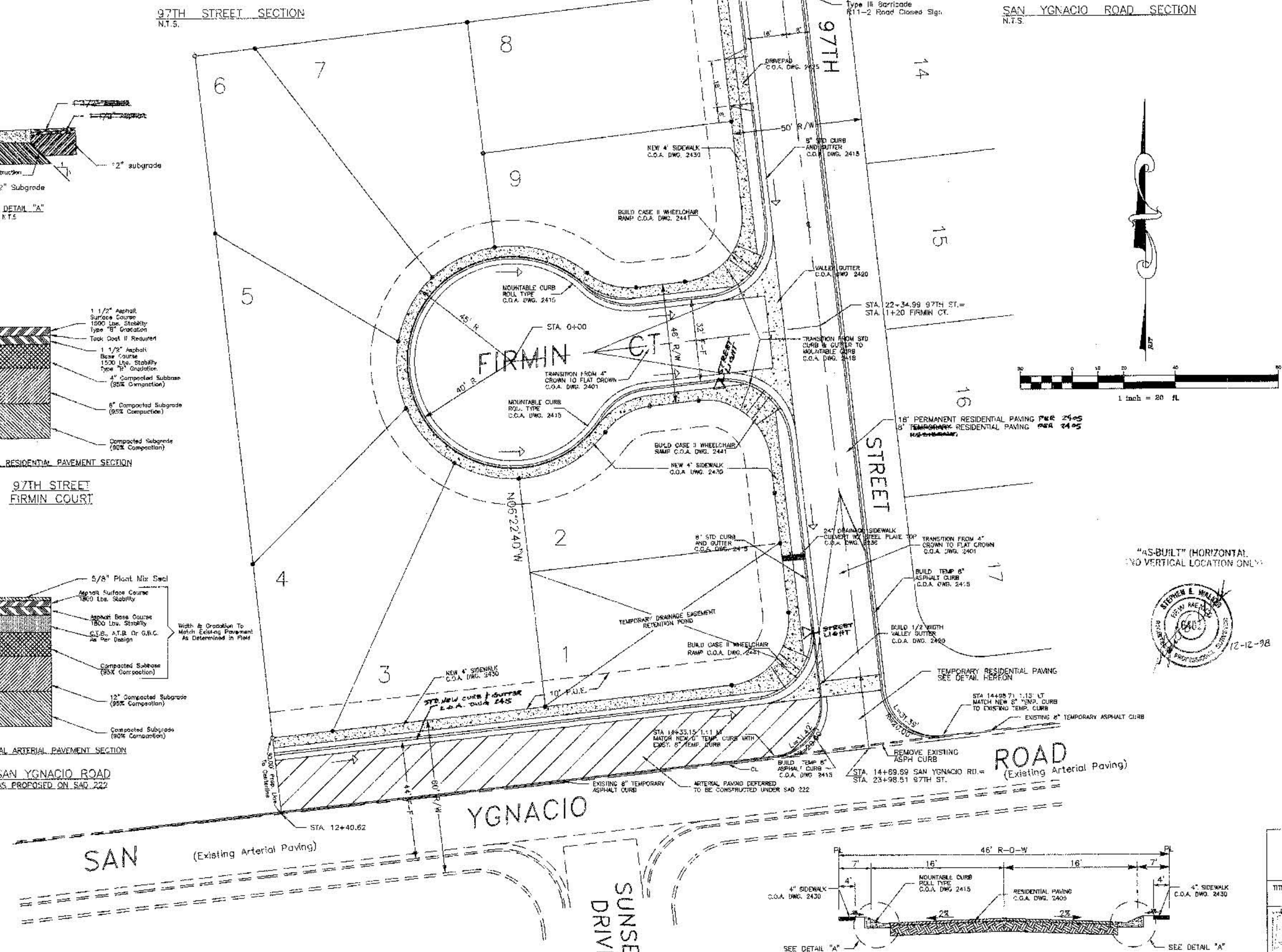
DESIGNED BY: K.R.T. & R.J.T. **DATE:** JUL 1997
DRAWN BY: R.J.T. **DATE:** JUL 1997
CHECKED BY: K.R.T. & R.J.T. **DATE:** JUL 1997

DRAWING NO. 582081 **MAP NO. L-9** **SHEET 3 OF 4**

DRB 96-529



SAN YGNACIO ROAD
AS PROPOSED ON S4D 222



- LEGEND:
- VALLEY GUTTER
 - WHEELCHAIR RAMP
 - 4" SIDEWALK
 - ARTERIAL PAVEMENT
 - CROWN TRANSITION
FULL CROWN TO NO CROWN
 - RESIDENTIAL PAVEMENT
 - DIRECTION OF RUNOFF

"AS-BUILT" (HORIZONTAL
AND VERTICAL LOCATION ONLY)



LEGAL DESCRIPTION:
Tract "D", Land of Juanita Lopez Vigil
Proj. Sec. 28, T 10 N, R 2 E, N.M.P.M.
Albuquerque, Bernalillo County, New Mexico

THOMKRAFT ENGINEERING
Civil & Environmental

KEN THOMPSON P.E.
(505) 983-2210

1 Sunlit Drive East
Santa Fe, NM 87505

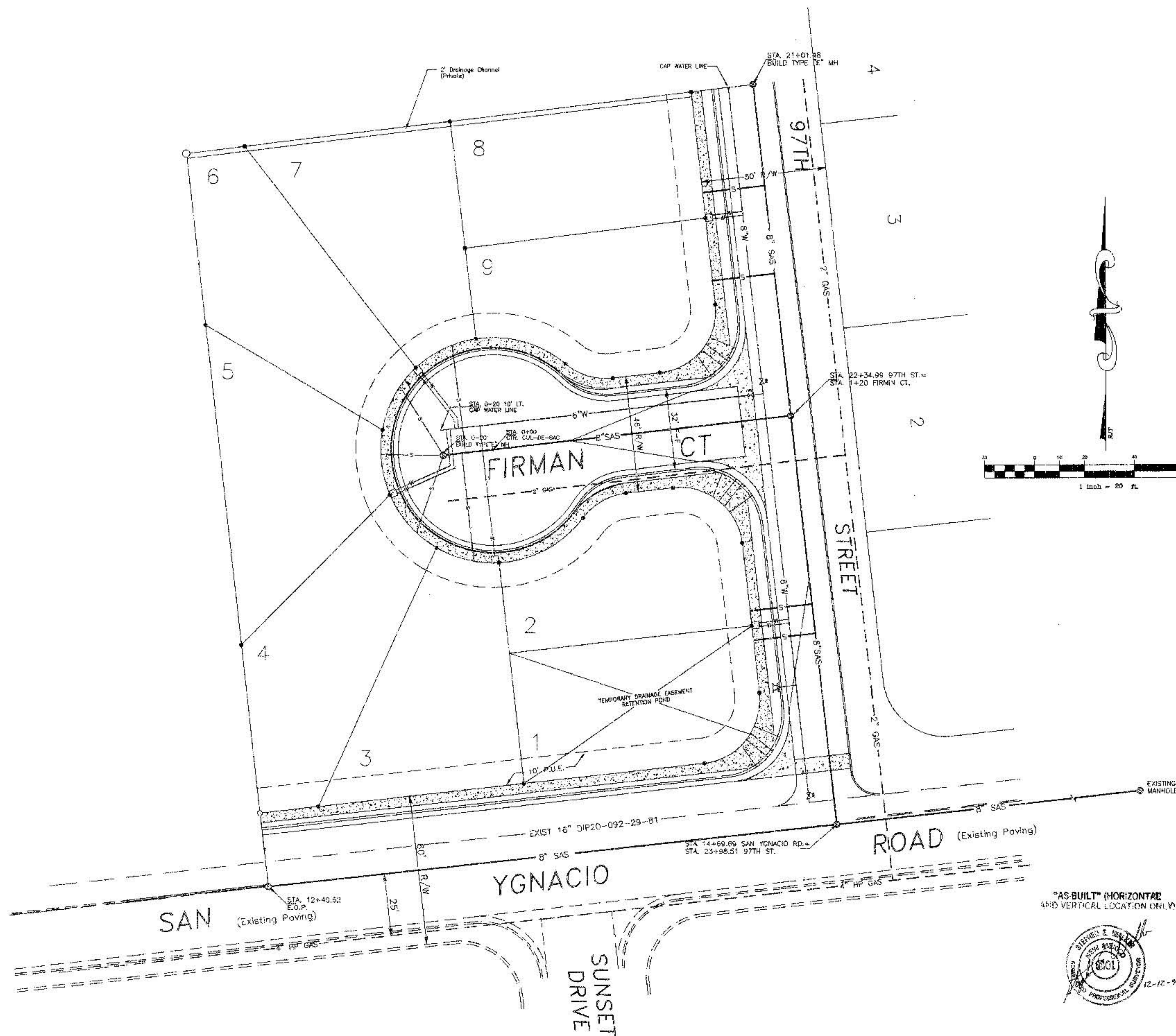
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: PARKSITO SUBDIVISION PAVING PLAN	
Design-Review-Committee	City Engineer Approval
Design Update	No./Day/Yr.
SHEET 4 OF 11	

DRB Case No. 96-529

City Project No. 582081

Zone Map No. L-9

4 OF 11



NOTES:

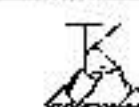
1. Water mains to be 6" P.V.C., and must meet AWWA C900 requirements and be UL approved. Minimum pressure class shall be 150 (SDR18). The pipe length shall contain one bell end or couple with an elastomeric gasket. Gasket shall meet the requirements of ASTM F477. The bell shall have the same strength and DR as the pipe. The pipe shall be marked with two (2) seals of the testing agency that certified the pipe, certifying that the material is suitable for potable water use.
2. All water service lines to be copper service pipe. Copper service pipe shall conform to ASTM B88, and shall be Type K, unless otherwise specified. All service pipes and fittings shall be designed to sustain an operating pressure of 150 P.S.I.
3. SAS main line to be 8" P.V.C., and meet the requirements of ASTM D3034. Minimum wall classifications shall be SDR 35 or SDR 26, as required. Only solid wall pipe will be acceptable.
4. SAS service line materials shall be cast iron soil pipe (service weight), P.V.C. Schedule 40, or ABS Schedule 40.
5. Build Type "E" manholes unless otherwise indicated.
6. Contractor will contact Water Systems at 857-8200 3 days prior to necessary shut-off.
7. WATER SHUTOFF REQUIREMENTS
The Contractor will construct a pressurized connection to the existing 18" D.I.P. water line in San Ygnacio Road. At least five (5) working days prior to construction, contractor shall contact the Water Systems Division, 857-8200, to notify the Water Systems Division of the pressurized connection plan.

LEGEND

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LEGAL DESCRIPTION:

Tract "D", Land of Juanita Lopez Vigil
Proj. Sec. 2B, T 10 N, R 2 E, N.M.P.M.
Albuquerque, Bernalillo County, New Mexico



THOMKRAFT ENGINEERING
Civil & Environmental

KEA THOMPSON P.E. 1 Sunlit Drive East
(505) 483-2210 Santa Fe, NM 87505

"AS-BUILT" (HORIZONTAL
AND VERTICAL LOCATION ONLY)



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
PARKSITO SUBDIVISION
UTILITIES PLAN

Π.Π.Ε.:

(Signature) _____

No.	Date	Day	Yr.	No.	Date	Day	Yr.
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RT-25 IN

11-15-94.

DRB Case No. 96-529

City Project No. 582081

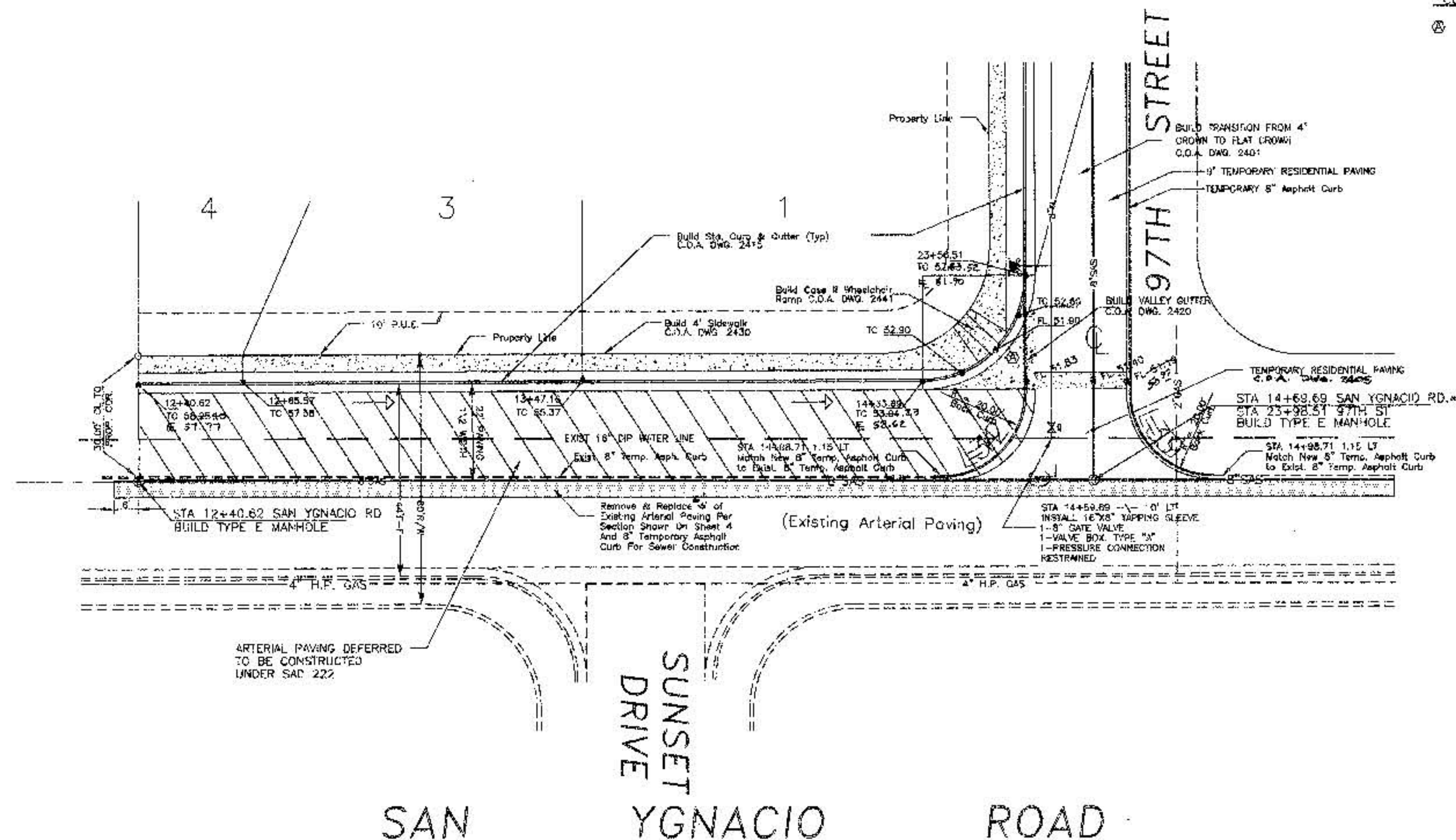
Zone Map No. 1 — Q

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RT-P5 JN. 96023

CURVE DATA (FACE OF CURB)

Δ=89°58'18"
R=20.00'
L=31.41'
T=19.99'



"AS-BUILT" (HORIZONTAL
AND VERTICAL LOCATION ONLY)



NOTES:

- Water mains to be P.V.C., and must meet AWWA C900 requirements and be UL approved. Minimum pressure class shall be 150 (DR18). The pipe length shall contain one bell end or couple with an elastomeric gasket. Gasket shall meet the requirements of ASTM F477. The bell shall have the same strength and DR as the pipe. The pipe shall be marked with two (2) sets of the testing agency that certified the pipe, certifying that the material is suitable for potable water use. Water lines shall have a minimum of 3.64 feet cover at top of curb to top of pipe.
- All water service lines to be copper service pipe. Copper service pipe shall conform to ASTM B88, and shall be Type K, unless otherwise specified. All service pipe and fittings shall be designed to sustain an operating pressure of 150 P.S.I. See drawing W-15 for typical water service installation details.
- SAS main line to be 8" P.V.C., and meet the requirements of ASTM D3034. Minimum wall classifications shall be SDR 35 or SDR 28, as required. Only solid wall pipe will be acceptable.
- SAS service line laterals shall be cast iron soil pipe (service weight), P.V.C. Schedule 40, or ABS Schedule 40.
- Build Type "E", 4 foot diameter manholes unless otherwise indicated.
- Street stationing and elevations are taken from the preliminary engineering plans for S.A.D. 222.

LEGEND

- VALLEY GUTTER
- WHEELCHAIR RAMP
- 4" THICK SIDEWALK
- ARTERIAL PAVEMENT
- CROWN TRANSITION
FULL CROWN TO NO CROWN
- RESIDENTIAL PAVEMENT
- TC 56.46 TOP OF CURB ELEVATION
- FL 51.94 FLOWLINE ELEVATION
- 8" SAS NEW SANITARY SEWER
- NEW MANHOLE
- 2" W NEW WATER LINE
- EXISTING WATER LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- 2" GAS NEW GAS LINE

LEGAL DESCRIPTION:

Tract "D", Land of Juanita Lopez Vigil
Proj. Sec. 28, T. 10 N., R. 2 E., N.M.P.M.
Albuquerque, Bernalillo County, New Mexico

THOMKRAFT ENGINEERING
Civil & Environmental

KEN THOMPSON P.E. 1 Sunlit Drive East
(505)993-2210 Santa Fe, NM 87505

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PARKSITO SUBDIVISION SAN YGNACIO ROAD - PLAN & PROFILE - ONSITE	
City Engineer Approval	City Engineer Initials
Design Update	Design Update
Scale: 1"=20'	Scale: 1"=5'
Sheet No. 6	Sheet No. 11

DRB Case No. 96-529

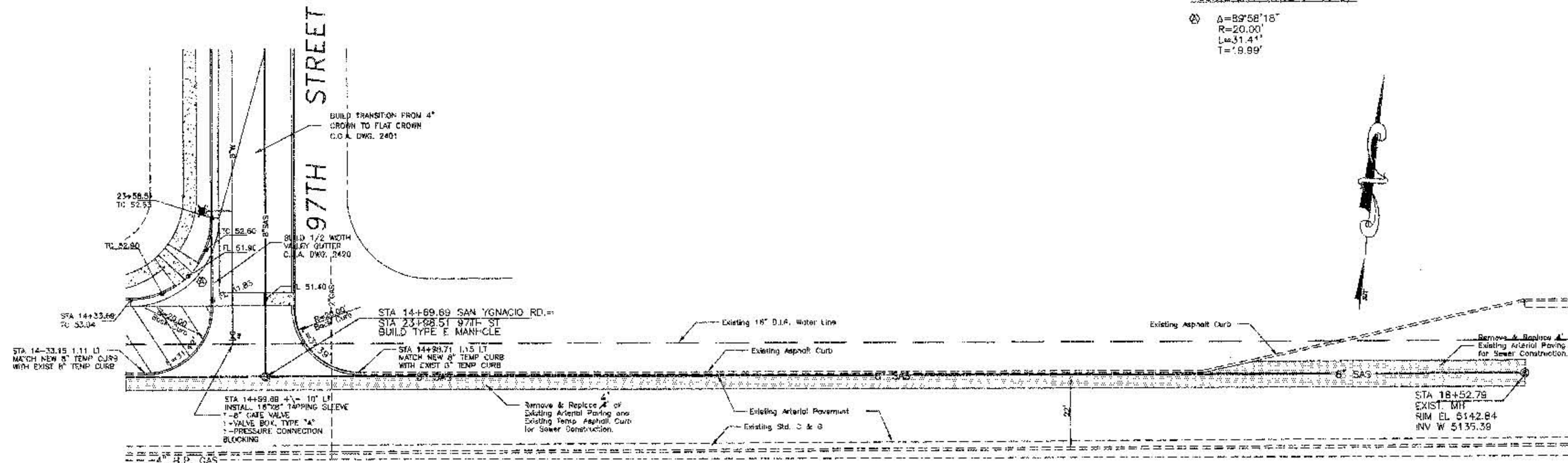
582081

L-9

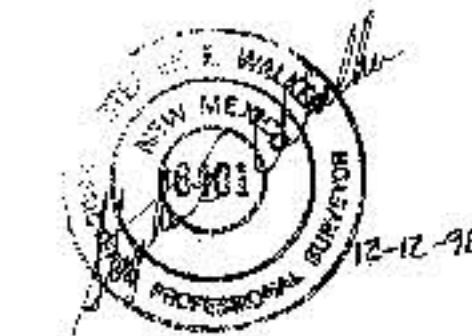
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CURVE DATA (FACE OF CURB)

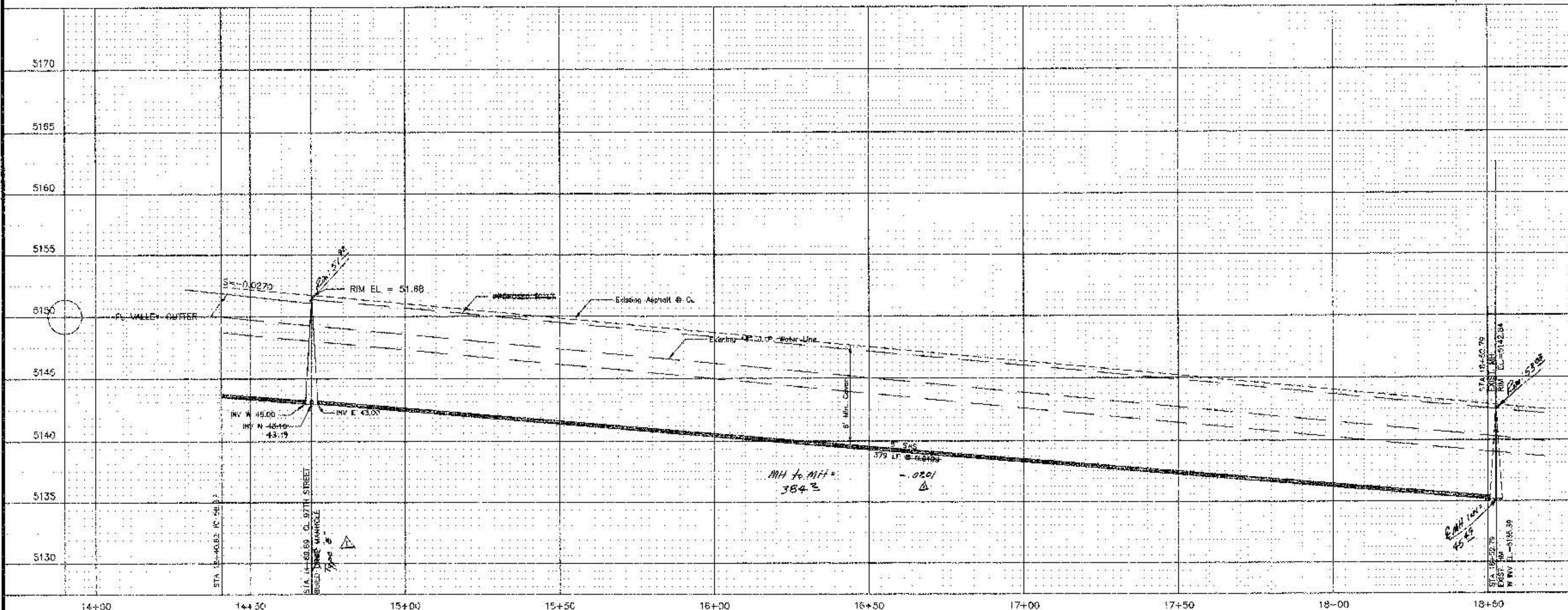
Δ=89°58'18"
R=20.00'
L=31.41'
T=9.99'



"AS-BUILT" (HORIZONTAL AND VERTICAL LOCATION ONLY)



HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'



NOTES:

- Water mains to be P.V.C., and must meet AWWA C900 requirements and be UL approved. Minimum pressure class shall be 150 (DR18). The pipe length shall contain one bell end or couple with an elastomeric gasket. Gasket shall meet the requirements of ASTM F477. The bell shall have the same strength and DR as the pipe. The pipe shall be marked with two (2) sets of the testing agency that certified the pipe, certifying that the material is suitable for potable water use. Water lines shall have a minimum of 3.84 feet cover at top of curb to top of pipe.
- All water service lines to be copper service pipe. Copper service pipe shall conform to ASTM B88, and shall be Type K, unless otherwise specified. All service pipe and fittings shall be designed to sustain an operating pressure of 150 P.S.I. See drawing W-15 for typical water service installation details.
- SAS main line to be 8" P.V.C., and meet the requirements of ASTM D3034. Minimum wall classification shall be SDR 35 or SDR 26, as required. Only solid wall pipe will be acceptable.
- SAS service line laterals shall be cast iron soil pipe (service weight), P.V.C. Schedule 40, or ABS Schedule 40.
- Build Type "E", 4 foot diameter manholes unless otherwise indicated.
- Street stationing and elevations are taken from the preliminary engineering plans for S.A.D. 222.

LEGEND

- VALLEY GUTTER
- WHEELCHAIR RAMP
- 4" THICK SIDEWALK
- ARTERIAL PAVEMENT
- CROWN TRANSITION FULL CROWN TO NO CROWN
- RESIDENTIAL PAVEMENT
- TC 56.46 TOP OF CURB ELEVATION
- XL 51.94 FLOWLINE ELEVATION
- 8" SAS NEW SANITARY SEWER
- NEW MANHOLE
- 8" W NEW WATER LINE
- EXISTING WATER LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- 2" GAS NEW GAS LINE

LEGAL DESCRIPTION:

Tract "D", Land of Juanita Lopez Vigil, Proj. Sec. 28, T. 10 N. R. 2 E. N.M.P.M., Albuquerque, Bernalillo County, New Mexico

THOMKRAFT ENGINEERING
Civil & Environmental

KEN THOMPSON P.E. 1 Sunlit Drive East
(505)983-2210 Santa Fe, NM 87505

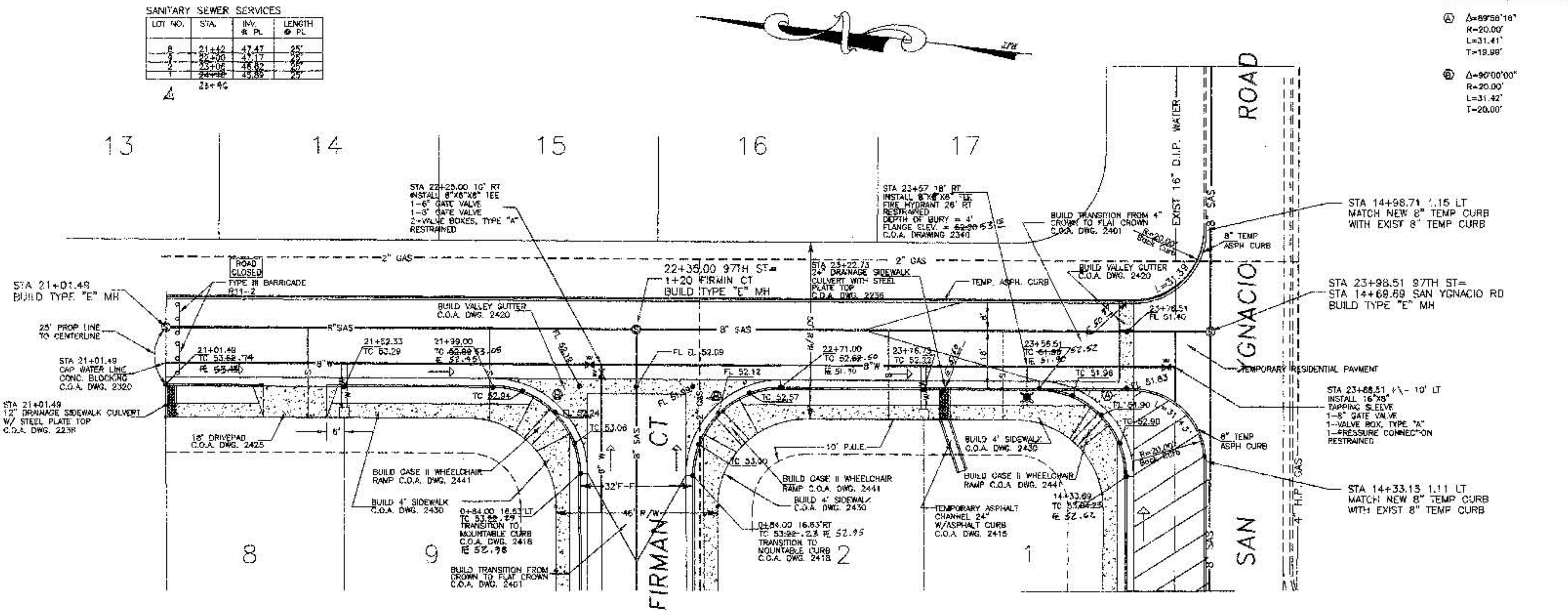
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

PARKSITO SUBDIVISION
PLAN & PROFILE - SAN YGNACIO - OFFSITE

DESIGNED BY: K.R.T. & R.J.T.	DATE: JUL 1997	DESIGNED BY: K.R.T. & R.J.T.	DATE: JUL 1997
DRAWN BY: R.J.T.	DATE: JUL 1997	CHECKED BY: K.R.T. & R.J.T.	DATE: JUL 1997
REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE
1	8-27-98	1	8-27-98
REVISIONS		REVISIONS	
REVISIONS		REVISIONS	
REVISIONS		REVISIONS	

SANITARY SEWER SERVICES

LOT NO.	STA.	IN.	PL.	LENGTH
1	21+42	47.47	25'	
2	22+20	21.47	25'	
3	23+08	28.82	25'	
4	23+46	15.95	25'	



CURVE DATA (FACE OF CURB)

- ① $\Delta=89^{\circ}58'10''$
 $R=20.00'$
 $L=31.41'$
 $T=19.99'$
- ② $\Delta=90^{\circ}00'00''$
 $R=20.00'$
 $L=31.42'$
 $T=20.00'$

NOTES:

- Water mains to be P.V.C., and must meet AWWA C900 requirements and be UL approved. Minimum pressure class shall be 150 (DR18). The pipe length shall contain one bell end or couple with an elastomeric gasket. Gasket shall meet the requirements of ASTM F477. The bell shall have the same strength and DR as the pipe. The pipe shall be marked with two (2) seals of the testing agency that certified the pipe, certifying that the material is suitable for potable water use. Water lines shall have a minimum of 3.64 feet cover at top of curb to top of pipe.
- All water service lines to be copper service pipe. Copper service pipe shall conform to ASTM B88, and shall be Type K, unless otherwise specified. All service pipe and fittings shall be designed to sustain an operating pressure of 150 P.S.I. See drawing W-15 for typical water service installation details.
- SAS main line to be 8" P.V.C., and meet the requirements of ASTM D3034. Minimum wall classifications shall be SDR 35 or SDR 26, as required. Only solid wall pipe will be acceptable.
- SAS service line laterals shall be cast iron soil pipe (service weight), P.V.C. Schedule 40, or ABS Schedule 40.
- Build Type "E", 4 foot diameter manholes unless otherwise indicated.
- Street stationing and elevations are taken from the preliminary engineering plans for S.A.D. 222.

LEGEND

- VALLEY GUTTER
- WHEELCHAIR RAMP
- 4" THICK SIDEWALK
- ARTERIAL PAVEMENT
- CROWN TRANSITION
FULL CROWN TO NO CROWN
- RESIDENTIAL PAVEMENT
- DIRECTION OF RUNOFF
- NEW SANITARY SEWER
- NEW MANHOLE
- NEW SEWER SERVICE
- NEW WATER LINE
- NEW WATER SERVICE
- WATER METER BOX
- EXISTING WATER LINE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW GAS LINE

LEGAL DESCRIPTION

Tract "D", Land of Juanita Lopez Vigil
Proj. Sec. 28, T 10 N, R 2 E, N.M.P.M.
Albuquerque, Bernalillo County, New Mexico

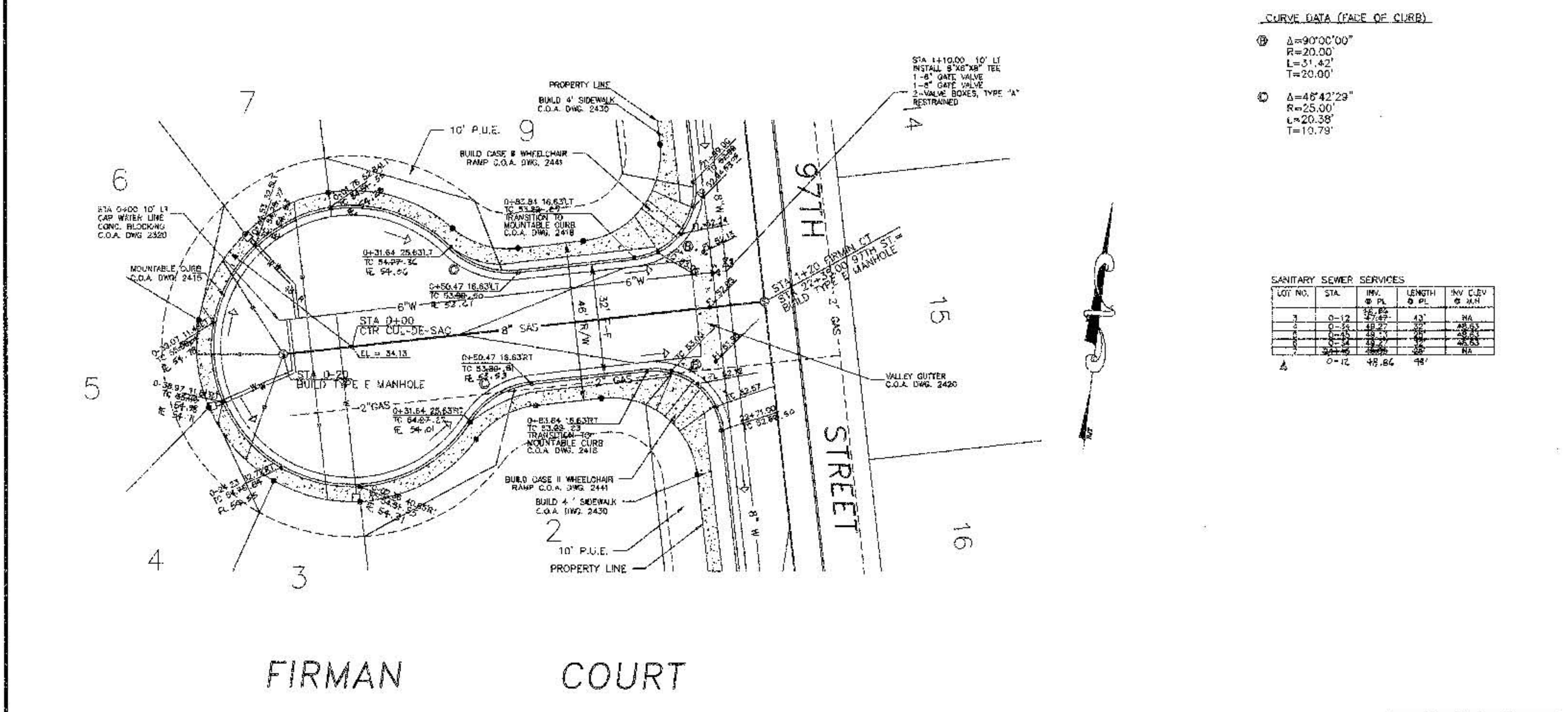
THOMKRAFT ENGINEERING
Civil & Environmental

KEN THOMPSON P.E.
(505) 963-2210 1 Sunlit Drive East
Santa Fe, NM 87505

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

PARKSITO SUBDIVISION
97 TH STREET PLAN & PROFILE

TITLE:	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.
City Project No.	582081	Zone Map No.	L-9
DRB Case No.	96-529	SHEET	8 OF 11

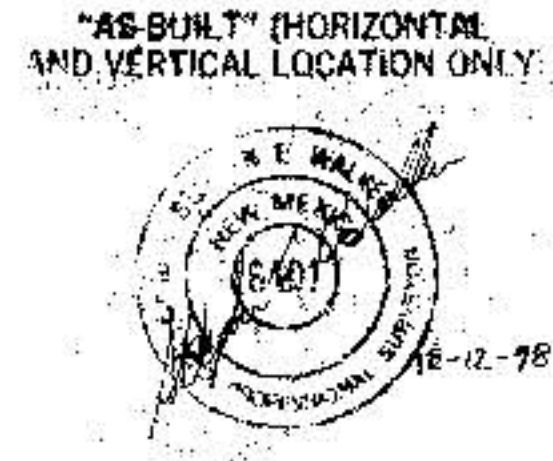
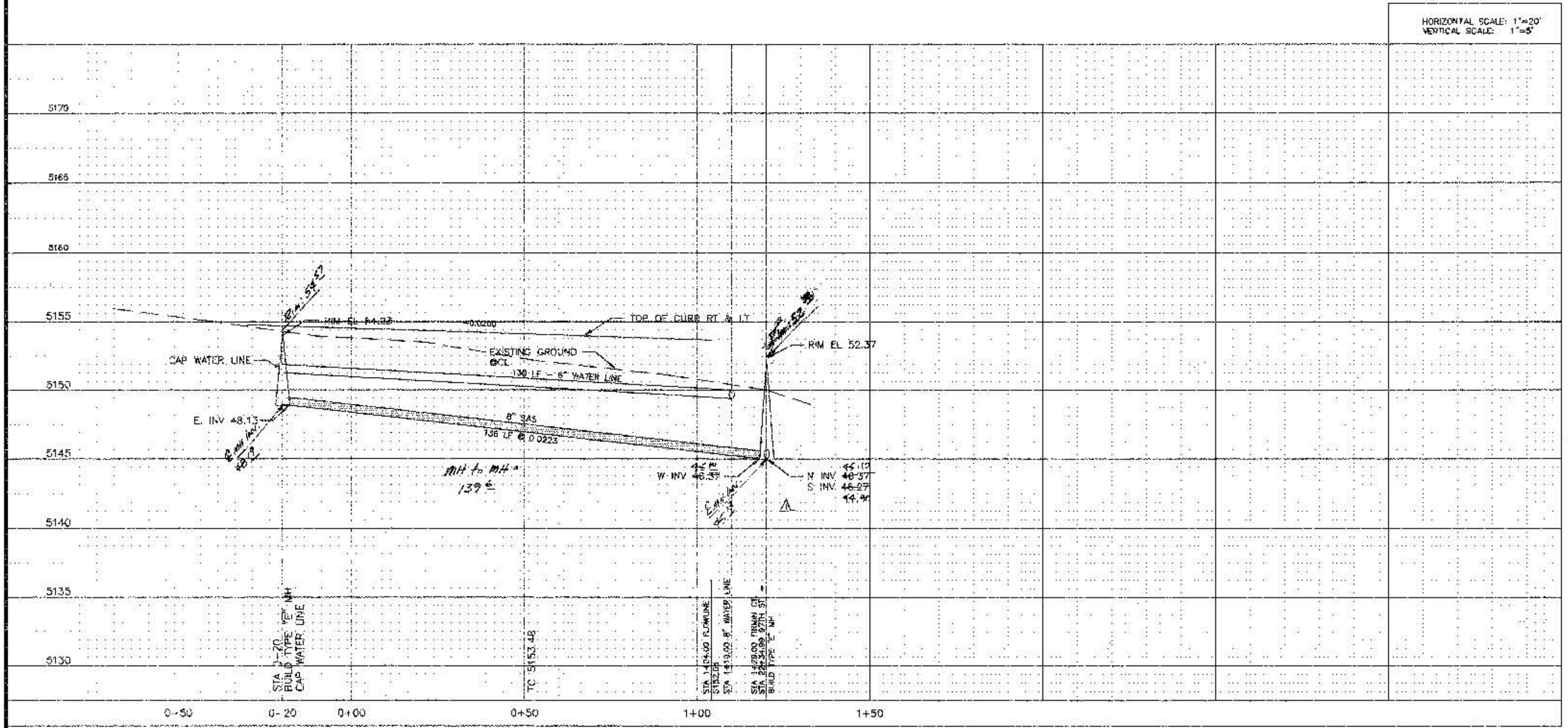


CURVE DATA (PAGE OF CURB)

①	$\Delta=90^{\circ}00'00''$ $R=20.00'$ $L=31.42'$ $T=20.00'$
②	$\Delta=48^{\circ}42'29''$ $R=25.00'$ $L=20.38'$ $T=10.79'$

SANITARY SEWER SERVICES

LOT NO.	STA.	INV.	PL.	LENGTH	INV. CLEV.
1	0+12	48.13	42'	NA	NA
2	0+25	48.27	35'	28.50	NA
3	0+38	48.41	28'	28.50	NA
4	0+51	48.55	21'	28.50	NA
5	0+64	48.69	14'	28.50	NA



- NOTES:
- Water mains to be P.V.C., and must meet AWWA C900 requirements and be UL approved. Minimum pressure class shall be 150 (DR18). The pipe length shall contain one bell end or couple with an elastomeric gasket. Gasket shall meet the requirements of ASTM 2477. The bell shall have the same strength and DR as the pipe. The pipe shall be marked with two (2) seals of the testing agency that certified the pipe, certifying that the material is suitable for potable water use. Water lines shall have a minimum of 3.64 feet cover of top of curb to top of pipe.
 - All water service lines to be copper service pipe. Copper service pipe shall conform to ASTM B88, and shall be Type K, unless otherwise specified. All service pipe and fittings shall be designed to sustain an operating pressure of 150 P.S.I. See drawing W-15 for typical water service installation details.
 - SAS main line to be 8" P.V.C., and meet the requirements of ASTM D3034. Minimum wall classifications shall be SDR 35 or SDR 26, as required. Only solid wall pipe will be acceptable.
 - SAS service line laterals shall be cast iron soil pipe (service weight), P.V.C. Schedule 40, or ABS Schedule 40.
 - Build Type "E", 4 foot diameter manholes unless otherwise indicated.
 - Street stationing and elevations are taken from the preliminary engineering plans for S.A.D. 222.

- LEGEND
- VALLEY GUTTER
 - WHEELCHAIR RAMP
 - 4" THICK SIDEWALK
 - ARTERIAL PAVEMENT
 - CROWN TRANSITION FULL CROWN TO NO CROWN
 - RESIDENTIAL PAVEMENT
 - DIRECTION OF RUNOFF
 - 8" SAS NEW SANITARY SEWER
 - NEW MANHOLE
 - NEW SEWER SERVICE
 - 8" W NEW WATER LINE
 - NEW WATER SERVICE
 - WATER METER BOX
 - EXISTING WATER LINE
 - NEW GATE VALVE
 - NEW FIRE HYDRANT
 - 2" GAS NEW GAS LINE

LEGAL DESCRIPTION

Tract "D", Land of Juanita Lopez Vigil
Proj. Sec. 28, T 10 N, R 2 E, N.M.P.M.
Albuquerque, Bernalillo County, New Mexico

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

PARKSITO SUBDIVISION
FIRMAN COURT PLAN & PROFILE

Design Review Committee	City Engineer Approval	No./Date/Rev.	No./Date/Rev.

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRIAGING 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.

2. 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 ACCESSSES. 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.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. 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.

6. 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.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICE SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. 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.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE TWO LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS ONE LANE IN EACH DIRECTION.

10. ALL BARRICADES IN ALL TAPER AND TANGENTS SHALL BE PLACED APART A MINIMUM MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24-HOUR PER DAY BASIS UNTIL COMPLETED.

12. 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.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR DELINEATION OF ANY CONTINUING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE A WHITE BACKGROUND, ORANGE REFLECTORIZED BACKGROUNDS. 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.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPANCY OF A NEW OR EXISTING ROADWAY, CONTRACTOR SHALL NOTIFY TO THE PUBLIC OF THE ROADWAY. HOSPITALS, TRANSIT AUTHORITY, AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. 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.

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

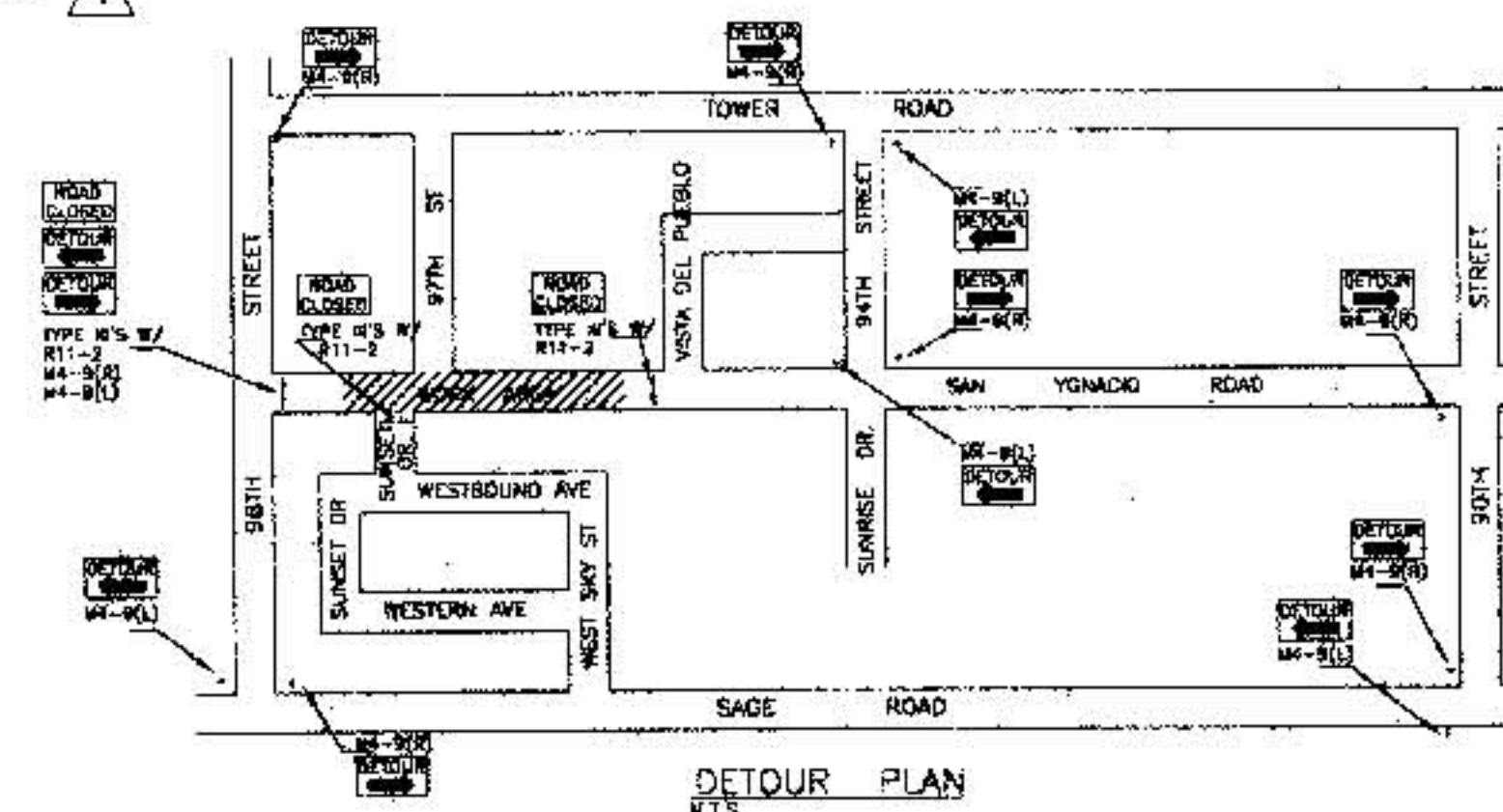
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

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

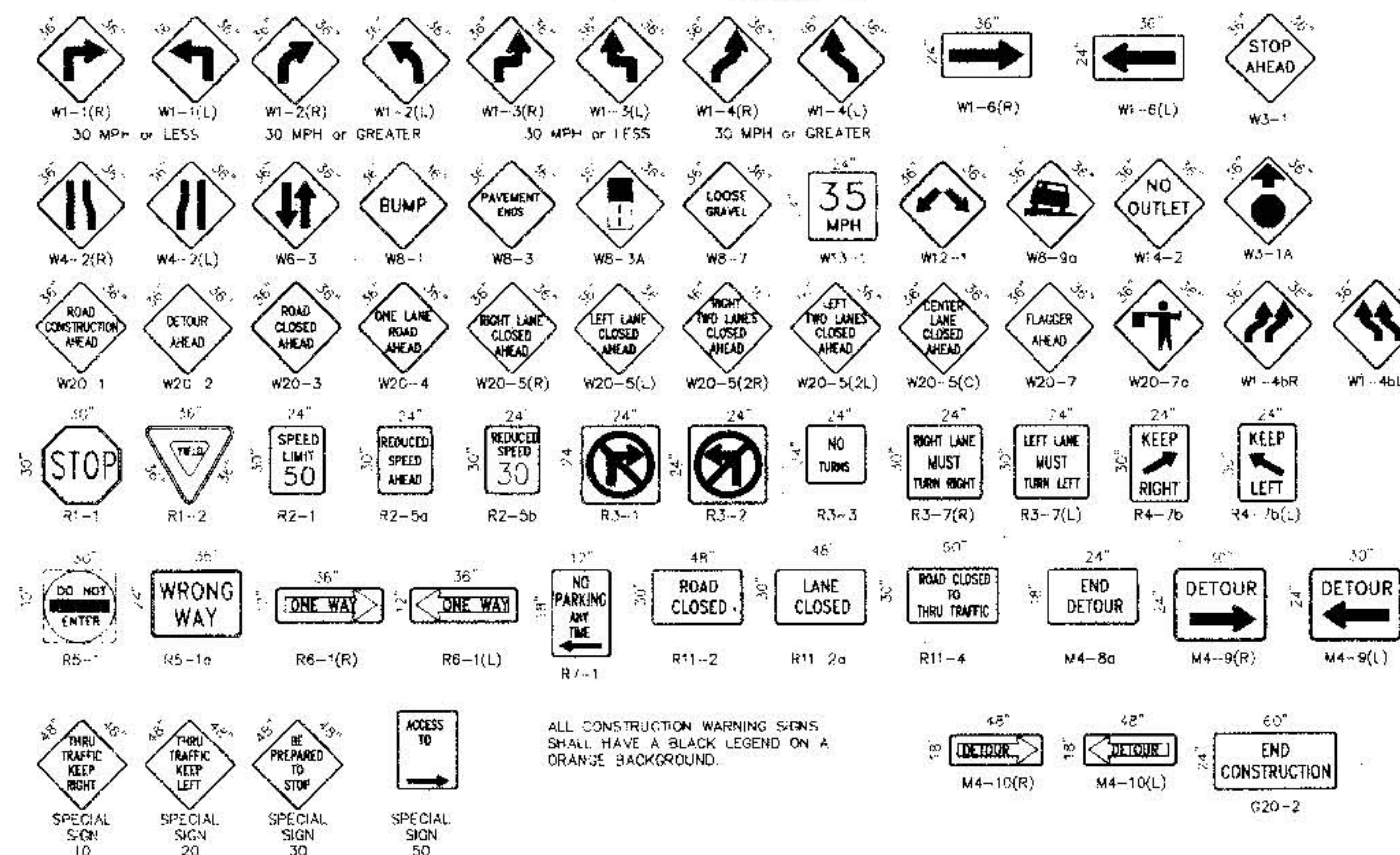
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLAN ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x48" 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.

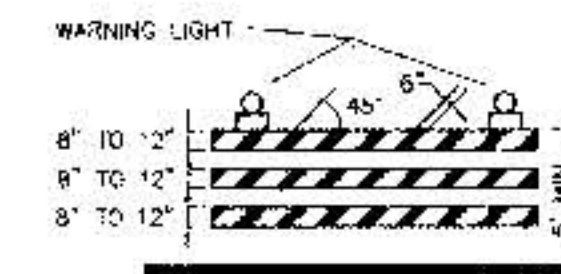
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



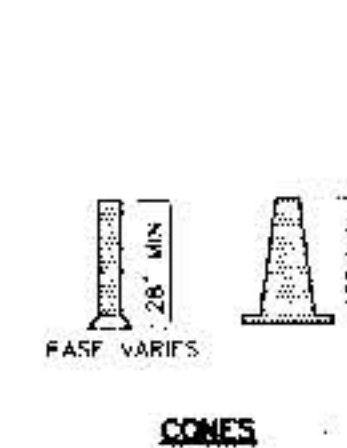
SIGN FACE DETAILS



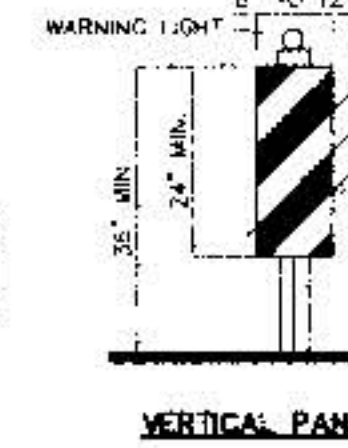
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.



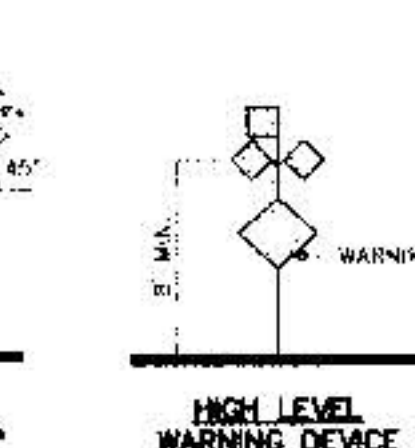
TYPE II BARRICADE



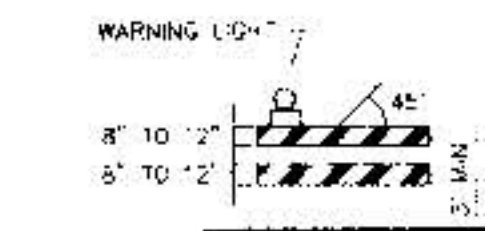
CONES



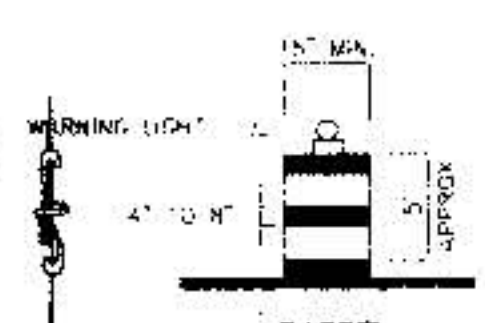
VERTICAL PANEL



HIGH LEVEL WARNING DEVICE



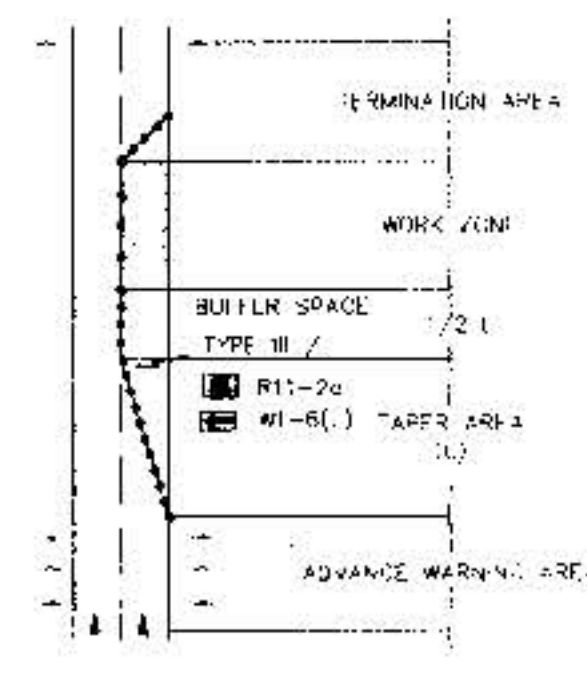
TYPE II BARRICADE



BARREL



TYPE I BARRICADE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
- BARRICADE TYPE I, TYPE II OR BARREL
- BARRICADE TYPE II
- 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		ALONG TAPER	AFTER TAPER
20	70	75	5	20	20
25	105	115	5	25	25
30	140	155	7	30	30
35	205	225	8	35	35
40	270	295	9	40	40
45	450	495	13	45	45
50	500	550	13	50	50
55	550	605	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

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

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
10' LANE TAPER	10' MINIMUM
SHOULDER TAPER	10' MINIMUM
SHOULDER TAPER	10' MINIMUM
DOWNSTREAM TAPER	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	Formula
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = 6 \times S$

W = WIDTH OF TAPER IN FEET
S = POSTED SPEED OR 85TH PERCENTILE SPEED IN MPH

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

NO. DATE

DESIGNED BY: C.O.A. Standard

DRAWN BY: C.O.A. Standards

CHECKED BY:

DATE: 9/24/97

REVISIONS:

REMARKS:

NO. DATE

DESIGNED BY: C.O.A. Standards

DRAWN BY: C.O.A. Standards

CHECKED BY:

DATE: 9/24/97

REVISIONS:

REMARKS:

NO. DATE

