

CONSTRUCTION PLANS  
FOR  
INFRASTRUCTURE IMPROVEMENTS  
TO  
TRACT G-2A, SEVEN BAR RANCH

## GENERAL NOTES

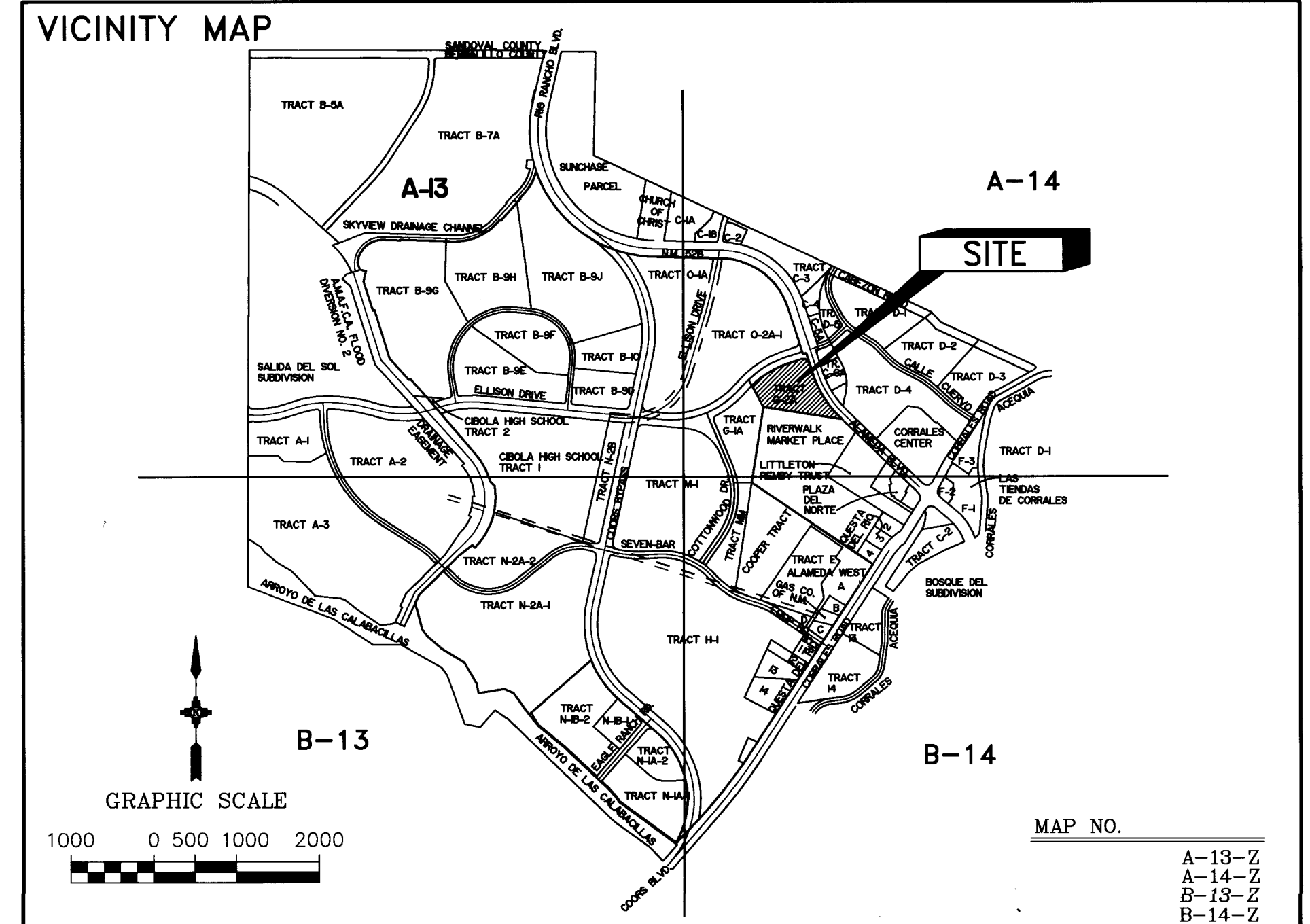
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|---|---|--|---|--|------|-----------------|------|---|-----------|---------------|------|-----------------|------|-----------------|------|----------|--|--|--|--------------|--|--|--|
| <p>1. ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION - AS AMENDED THROUGH UPDATE NO. 5 FEBRUARY 1993 (CALL 768-3650) WITH THE EXCEPTION AND/OR ADDITION OF THE PROVISIONS CONTAINED IN THE NEW MEXICO UTILITIES INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES, AUGUST 1994 REVISION OR LATEST VERSION (CALL 898-2661)</p> <p>2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT ONE CALL SYSTEM, INC., 260-1990, FOR LOCATION OF EXISTING UTILITIES. CONTACT NEW MEXICO UTILITY INC. FOR WATER AND SEWER LOCATION. CONTRACTOR SHALL COORDINATE ALL UTILITY WORK INCLUDING CUT OFF OF EXISTING UTILITIES FOR NEW CONNECTIONS (FIRE PROTECTION, DOMESTIC WATER, SEWER, STORM DRAIN, GAS PIPING, ETC.) WITH ENGINEER, OWNER, AND LOCAL UTILITY REPRESENTATIVES.</p> <p>3. THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS, AND PREVIOUS CONSTRUCTION. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES AND UTILITY CONNECTION POINTS IN THE VICINITY OF THE REQUIRED WORK MAY BE DIFFERENT FROM THE LOCATION SHOWN ON THESE DRAWINGS. 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.</p> <p>4. ALL GAS, ELECTRIC, TELEPHONE LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.</p> <p>5. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.</p> <p>6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE CONTRACTOR'S RESPONSIBILITY.</p> <p>7. ALL EXCAVATION/CONSTRUCTION PERMITS WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR PERMITS.</p> <p>8. THE CONTRACTOR SHALL EXERCISE REASONABLE CARE DURING CONSTRUCTION TO PREVENT THE MOVEMENT OF SEDIMENT FROM THE SITE INTO EXISTING STREETS. LOOSE SOIL STOCKPILES DURING CONSTRUCTION ACTIVITIES SHALL BE PROMPTLY CLEANED UP OR PROTECTED FROM BEING CARRIED DOWNSTREAM BY FLOWING WATER.</p> | <p>9. DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AS SPECIFIED IN SECTION 6.14 OF THE GENERAL CONDITIONS IN THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION - AS AMENDED THROUGH UPDATE NO. 5</p> <p>10. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVING, CONCRETE CURBS AND SIDEWALKS, ETC., SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE FIELD ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.</p> <p>11. THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE RIGHT-OF-WAY UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR THIS SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE FIELD ENGINEER BEFORE IMPLEMENTING. THERE WILL BE NO DIRECT MEASUREMENT OR PAYMENT FOR THE DESIGN, MATERIALS, INSTALLATION, AND REMOVAL OF THE SAFETY BARRIER.</p> <p>12. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION. REFER TO SECTION 19 OF THE SPECIFICATIONS.</p> <p>13. CONTRACTOR SHALL COORDINATE WITH NEW MEXICO UTILITIES, INC., A MINIMUM OF THREE DAYS PRIOR TO MAKING ALL CONNECTIONS OR INITIATING ANY WORK AFFECTING ANY EXISTING PUBLIC OR PRIVATE UTILITY.</p> <p>14. WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. ALL SAWCUT PAVEMENT SHALL BE SPRAYED WITH TACK COAT PRIOR TO INSTALLATION OF ADJOINING ASPHALT PAVEMENT.</p> <p>15. A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE AND A CONSTRUCTION SIGNING AND BARRICADE PLAN TO CONSTRUCTION COORDINATION. TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE TRAFFIC ENGINEERING DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE SPECIFICATIONS.</p> <p>16. THE CONTRACTOR SHALL PLACE THE PERMANENT PAVEMENT MARKINGS AS SHOWN ON THE DRAWING.</p> | <p>17. THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE INTENDED FOR USE ON THIS PROJECT AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF EASTLERING &amp; ASSOCIATES, INC. IN THE EVENT OF UNAUTHORIZED USE, THE USER ASSUMES ALL RESPONSIBILITY AND LIABILITY WHICH RESULTS.</p> <p>18. 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 ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OR 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 44 OF THE SPECIFICATIONS.</p> <p>19. THE CONTRACTOR SHALL ENSURE THAT WORK IN OR NEAR ANY STREET OR HIGHWAY RIGHT-OF-WAY DOES NOT COMPROMISE VEHICULAR AND PEDESTRIAN SAFETY OR INTERFERE WITH TRAFFIC FLOW.</p> <p>20. MANHOLE STEPS WILL BE INSTALLED IN ALL STORM DRAIN MANHOLES AND JUNCTION BOXES AND CATCH BASINS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER CONTRACT ITEMS AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.</p> <p>21. ALL CONFLICTING EXISTING STRIPING SHALL BE REMOVED BY EITHER GRINDING OR WITH APPROVED CHEMICAL PROCEDURES.</p> <p>22. ALL AREAS DISTURBED BY CONTRACTORS WORK SHALL BE REVEGETATED IN ACCORDANCE WITH SUPPLEMENTAL TECHNICAL SPECIFICATION 1012.</p> <p>23. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.</p> <p>24. BACKFILL, COMPACTION AND PAVING SHALL BE ACCORDING TO C.O.A. STD. DWG. 2465.</p> <p>25. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE FIELD ENGINEER.</p> <p>26. SIDEWALKS AND WHEELCHAIR RAMP WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.</p> <p>27. IF CURB IS DEPRESSED FOR A HANDICAP RAMP, THE RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.</p> <p>28. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.</p> | <p>7 OF 9<br/>8 OF 9<br/>9 OF 9<br/>* 1A OF 9<br/>1B OF 9</p> | <p>TYPICAL CONSTRUCTION TRAFFIC CONTROL REQUIREMENTS<br/><br/>TYPICAL TRAFFIC CONTROL &amp; SIGNING EXAMPLES<br/><br/>N.M. S.R. 528 TRAFFIC CONTROL<br/><br/>PLAT<br/><br/>PLAT RECORD DRAWINGS<br/><br/>I, Ronald P. Bohannon, hereby certify that these drawings have been revised to incorporate the as-constructed information furnished by Jaynes Corporation, General Contractors.</p> |      |                 |      |   |           |               |      |                 |      |                 |      |          |  |  |  |              |  |  |  |
|   |   |  |   | <div>UTILITY COMPANY CONTACTS</div> <div><div>PNM<br/>Tony Machac<br/>4201 Edith Blvd. NE<br/>Albuquerque, New Mexico 87107<br/>(505) 848-3426</div><div>GAS CO.<br/>Tim Cynova<br/>4625 Edith Blvd., NE<br/>Albuquerque, New Mexico 87107<br/>(505) 761-7775</div><div>AT&amp;T<br/>Ishmael Panloja<br/>III Third St., NW<br/>Albuquerque, New Mexico 87103<br/>(505) 842-2806</div></div>  |      |                 |      | <div>Ronald P. Bohannon<br/>N.M.P.E. No. 9814</div> <div>US WEST COMMUNICATIONS<br/>Mary Ann Jojola<br/>201 Third Street<br/>P.O. Box 1355, Sta. 952<br/>Albuquerque, New Mexico 87103<br/>(505) 245-6296</div> |           |               |      |                 |      |                 |      |          |  |  |  |              |  |  |  |
|   |   |  |   | <div>JONES INTERCABLE<br/>Karen Shore<br/>4611 Montibel Pl., NE<br/>P.O. Box 27138<br/>Albuquerque, NM 87125-7138<br/>(505) 761-6220</div> <div>NEW MEXICO UTILITIES, INC.<br/>Bob Gay<br/>4700 Irving, NW<br/>Albuquerque, New Mexico 87114<br/>(505) 898-2661<br/>(505) 898-6379 Fax</div>   |      |                 |      |   |           |               |      |                 |      |                 |      |          |  |  |  |              |  |  |  |
| <table><tr><td>REV.</td><td>SHEETS</td><td>CITY ENGINEER</td><td>DATE</td><td>USER DEPARTMENT</td><td>DATE</td><td>USER DEPARTMENT</td><td>DATE</td></tr></table>   |   |  |   |  |      |                 |      | REV.  | SHEETS    | CITY ENGINEER | DATE | USER DEPARTMENT | DATE | USER DEPARTMENT | DATE |          |  |  |  |              |  |  |  |
| REV.  | SHEETS  | CITY ENGINEER  | DATE  | USER DEPARTMENT  | DATE | USER DEPARTMENT | DATE |   |           |               |      |                 |      |                 |      |          |  |  |  |              |  |  |  |
| <table><tr><td>ENGINEERS STAMP &amp; SIGNATURE</td><td>APPROVALS</td><td>ENGINEER</td><td>DATE</td><td colspan="4">*****</td></tr><tr><td>DRC CHAP</td><td></td><td></td><td></td><td colspan="4">APPROVED FOR</td></tr></table>  |   |  |   |  |      |                 |      | ENGINEERS STAMP & SIGNATURE   | APPROVALS | ENGINEER      | DATE | *****           |      |                 |      | DRC CHAP |  |  |  | APPROVED FOR |  |  |  |
| ENGINEERS STAMP & SIGNATURE   | APPROVALS   | ENGINEER   | DATE  | *****  |      |                 |      |   |           |               |      |                 |      |                 |      |          |  |  |  |              |  |  |  |
| DRC CHAP  |   |  |   | APPROVED FOR   |      |                 |      |   |           |               |      |                 |      |                 |      |          |  |  |  |              |  |  |  |

## ABBREVIATIONS

AC	- ASBESTOS CEMENT	DD	- DEFLECT DOWN	FO	- FIBER OPTIC CABLE	PRC	- POINT OF REVERSE CURVATURE	SAS	- SANITARY SEWER
ARV	- AIR/VACUUM RELEASE VALVE	DIP	- DUCTILE IRON PIPE	G	- GAS	PRV	- PRESSURE RELIEF VALVE	SD	- STORM DRAIN
B	- BASELINE	DU	- DEFLECT UP	HP	- HIGH PRESSURE	PT	- POINT OF TANGENCY	TD	- TOP OF CURB
BCT	- BEGIN CROWN TRANSITION	E	- EXISTING	I	- INSTALL	PUE	- PUBLIC UTILITY EASEMENT	T	- TELEPHONE
C	- CONSTRUCT	ECT	- END CROWN TRANSITION	LP	- LIGHT POLE	R/REL	- REMOVE & RELOCATE	TL	- TRAFFIC LIGHT
CAV	- COMBINATION AIR VALVE	ELEV	- ELEVATION	MH	- MANHOLE	R/RPLC	- REMOVE & REPLACE	TP	- TOP OF PIPE
CCP	- CONCRETE CYLINDER PIPE	F-F	- FACE TO FACE	NMUI	- NEW MEXICO UTILITIES, INC.	PVC	- POLY VINYL CHLORIDE	UE	- UNDERGROUND ELECTRIC
CI	- CAST IRON	F/F	- FEET/FOOT	PC	- POINT OF CURVATURE	R	- REMOVE	VCP	- VERIFIED CLAY PIPE
CL	- CENTERLINE	FH	- FIRE HYDRANT	PCC	- POINT OF COMPOUND CURVATURE	REL	- RELOCATE	VER	- VERIFY LOCATION
COA	- CITY OF ALBUQUERQUE	FL	- FLOW LINE	POC	- POINT ON CURVE	ROW	- RIGHT-OF-WAY	W OR WL	- WATERLINE
				PP	- POWER POLE			X	- CROSSING

APPROVAL OF AS BUILT DRAWINGS  
CHIEF CONSTRUCTION ENGINEER  
*Kenneth B. Swile*  
DATE 3-22-96

SCANNED BY  
BY LASON

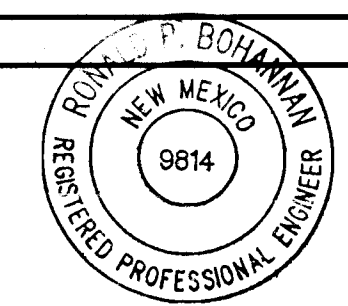


## SHEET INDEX

SHEET NO.	TITLE
1 OF 9	COVER SHEET
* 2 OF 9	SANITARY SEWER PLAN & PROFILE TRACT G-2A
3 OF 9	WATERLINE PLAN & PROFILE TRACT G-2A
4 OF 9	N.M. S.R. 528 MEDIAN PLAN STA 17+66.68 TO 20+23.36
5 OF 9	N.M. S.R. 528 MEDIAN PLAN STA 12+59.78 TO 17+66.68
6 OF 9	PERMANENT PAVEMENT MARKINGS
7 OF 9	TYPICAL CONSTRUCTION TRAFFIC CONTROL REQUIREMENTS
8 OF 9	TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES
9 OF 9	N.M. S.R 528 TRAFFIC CONTROL
* 1A OF 9	PLAT
1B OF 9	PLAT RECORD DRAWINGS

I, Ronald P. Bohannon, hereby certify that these drawings have been revised to incorporate the as-constructed information furnished by Jaynes Corporation, General Contractors.

## UTILITY COMPANY CONTACTS



*R.P. Bohannon* 1/29/96  
Ronald P. Bohannon  
N.M.P.E. No. 9814

**PNM**  
Tony Machac  
4201 Edith Blvd. NE  
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**GAS CO.**  
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Albuquerque, New Mexico 87107  
(505) 761-7775

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P.O. Box 1355, Sta. 952  
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(505) 245-6296

**AT&T**  
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Albuquerque, New Mexico 87103  
(505) 842-2806

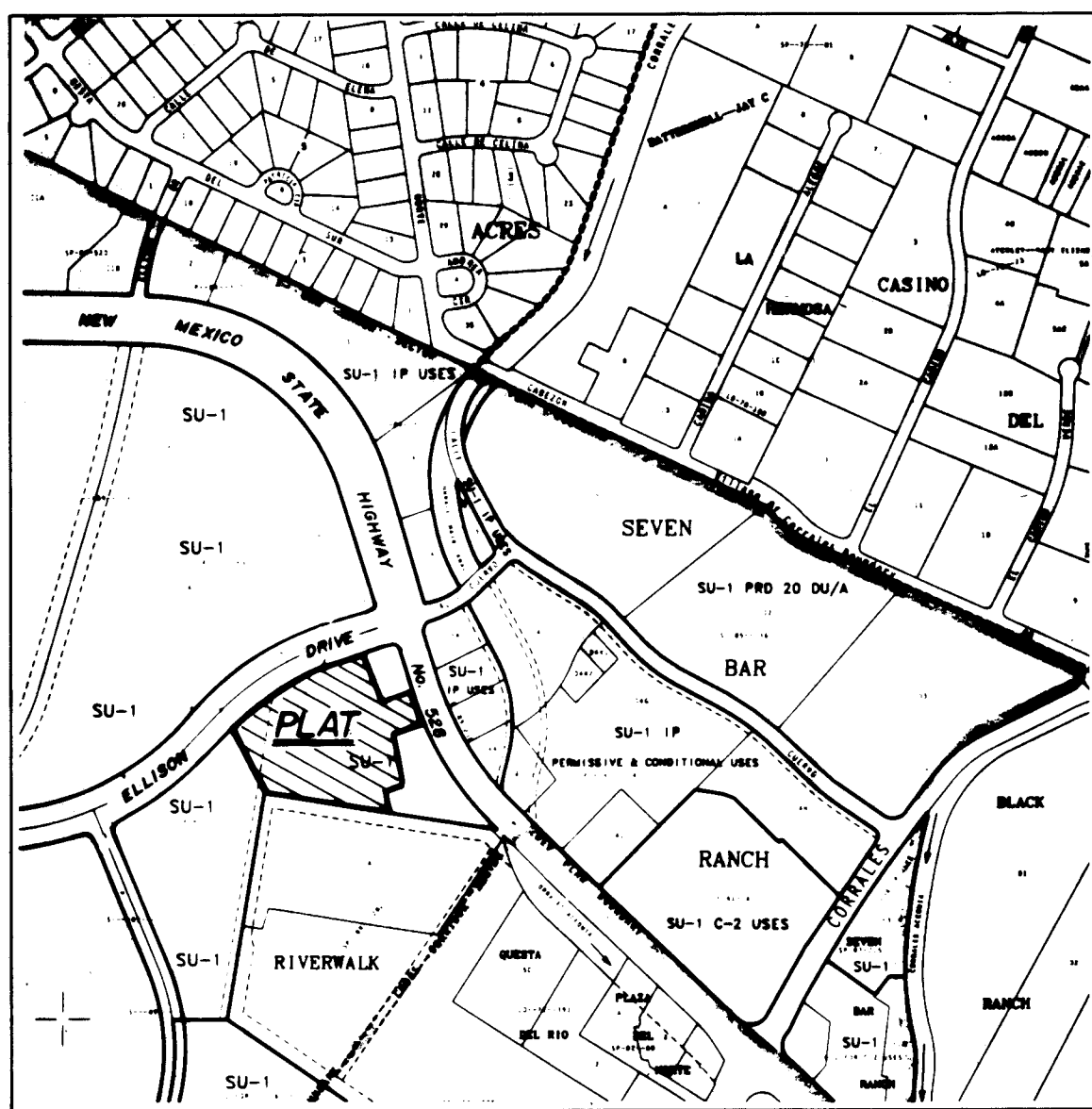
**JONES INTERCABLE**  
Karen Shore  
4611 Montbel Pl., NE  
P.O. Box 27138  
Albuquerque, NM 87125-7138  
(505) 761-6220

***NEW MEXICO UTILITIES, INC.***  
Bob Gay  
4700 Irving, NW  
Albuquerque, New Mexico 87114  
(505) 898-2661  
(505) 898-6379 Fax

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****
<p>RONALD P. BOHANNAN NEW MEXICO No. 9814 2/7/99 REGISTERED PROFESSIONAL ENGINEER</p>	DRC CHAIR			APPROVED FOR CONSTRUCTION
	TRANSPORTATION			
	WATER/WASTEWATER			
	HYDROLOGY			
	PARKS			
	CONSTR. MNGMT.			
			N.M.U.I.	DATE
CITY PROJECT NO.			SHEET	OF
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2	6	-	5	0	7	5	.							

Vicinity Map  
N.T.S.

## GENERAL NOTES

- Bearings are grid based upon the New Mexico State Plane Coordinate System, Central Zone (NAD 27) and related to grid at the Albuquerque Control Survey Monument "NM-448-N12".
- Distances are ground.
- Distances along curved lines are arc lengths.
- All corners are a 5/8" rebar and survey stamps "HUGG LS 5823" unless otherwise indicated.
- Bearings and Distances shown in parenthesis ( ) are record.
- Delta Alpha at "NM-448-N12" = -00°10'46".
- Ground to grid factor = 0.99967595.
- Zone Atlas Page A-14.
- U.C.L.S. Log Number 9501313380306



THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND  
PAID BY 1-04-96 126125-3021

Seven Bar Land & Cattle Co.  
Arthur Kavanaugh 3-13-95

## DISCLOSURE STATEMENT

The purpose of this replat is to vacate a portion of an Existing 30' Access Road and Right of Way Easement vacated under V-94-61.

## APPROVALS

*Paul R. Riel* 2-21-95  
Gas Company of New Mexico Date

*Paul R. Riel* 2-21-95  
Public Service Company of New Mexico Date

*R. David Snyers* 2/17/95  
U. S. West Communications Date

*Paul R. Riel* 2-21-95  
New Mexico Utilities Date

NOTE: These properties are within the New Mexico Utilities, Inc. (NMU, Inc.) franchise area. Water and Sanitary Sewer System capabilities are based upon NMU, Inc. facilities, not on the City of Albuquerque. Water and Sanitary Sewer Infrastructure improvements must, however, be approved by both the City of Albuquerque and NMU, Inc.

## PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

- The Public Service Company of New Mexico, for installation, maintenance, and service of underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.
- U.S. West Communications for the installation, maintenance and service of such lines, cable and related equipment and facilities reasonably necessary to provide communication services, including but not limited to ground pedestals and closures.
- Mountain Bell for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to ground pedestals and closures.
- Jones Interchange for the installation, maintenance, and service of such lines, cable and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (aboveground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code by construction of pools, decking, or any structures adjacent to or near easements shown on this plat.

TRACT G-2A-1  
**SEVEN-BAR RANCH**  
(BEING A REPLAT OF TRACT G-2A, SEVEN-BAR RANCH)

CITY OF ALBUQUERQUE  
BERNALILLO COUNTY, NEW MEXICO

JANUARY, 1995

## APPROVALS

*Richard D. Dwyer* 2-21-95  
Traffic Engineer, City of Albuquerque Date  
Public Works Department

*Bill (W) ...* 020995  
City Surveyor, City of Albuquerque Date  
Public Works Department

*Robert W. Kane* 2-21-95  
Utility Development Division, City of Albuquerque Date  
Public Works Department

*Paul J. Aguirre* 2-21-95  
Albuquerque Metropolitan Flood Control Authority Date

*Paul J. Aguirre* 2-21-95  
City Engineer, City of Albuquerque Date  
Public Works Department

*R. Augustine K.* 3-13-95  
Property Management, City of Albuquerque Date

*Robert ...* 2-21-95  
Parks and General Services, City of Albuquerque Date

APPROVAL as specified by the Albuquerque Subdivision Ordinance. Date

*Jack Clark* 3-13-95  
Chairman, Albuquerque/Bernalillo County Development Review Board Date

DZB-94-318  
SP-95-60

## SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my supervision; that it meets the Standards for Land Surveys in New Mexico as adopted by the New Mexico State Board of Registration for Professional Engineers and Professional Surveyors; that it meets the minimum requirements for surveys and monumentation of the Albuquerque Subdivision Ordinance; that it shows all easements of record; and that it is true and correct to the best of my knowledge and belief.

*Russ P. Hugg*  
Russ P. Hugg  
NMPS No. 9750  
January 20, 1995

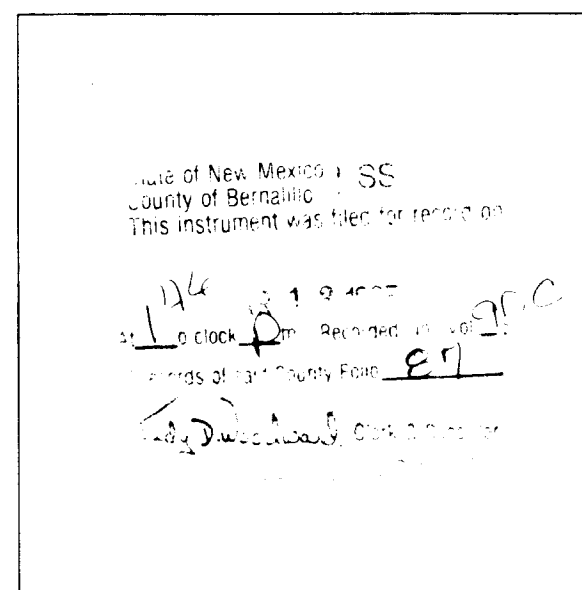


SHEET 1 OF 3

**SURV TEK, INC.**  
Consulting Surveyors

6643 Paradise Blvd. N.W. Albuquerque, New Mexico 87114 Phone: 505-897-3368  
Fax: 505-897-3377

INSTRUMENT NO. 95025200



Reserved for County Clerk

## LEGAL DESCRIPTION

That certain parcel of land situate within the Town of Alameda Grant in projected Section 5, Township 11 North, Range 3 East, New Mexico Principal Meridian, Bernalillo County, New Mexico comprising all of Tract G-2A, Seven-Bar Ranch as the same is shown and designated on the plat entitled "TRACTS G-2A, G-2B, G-2C, G-2D AND G-2E, SEVEN-BAR RANCH, (BEING A REPLAT OF TRACT G-2, SEVEN-BAR RANCH), CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO" filed in the office of the County Clerk of Bernalillo County, New Mexico on November 9, 1994 in Volume 94C, folio 378.

Said tract contains 6.1325 acres, more or less.

## FREE CONSENT AND DEDICATION

SURVEYED and REPLATTED and now comprising TRACT G-2A-1, SEVEN-BAR RANCH, (BEING A REPLAT OF TRACT G-2A, SEVEN-BAR RANCH), CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO with the free consent of and in accordance with the wishes and desires of the undersigned owner(s) and proprietor(s) thereof. Said owner(s) and proprietor(s) do hereby consent to all of the foregoing and do hereby represent that they are so authorized to act.

The Albert J. Black and Mary Jane Black Revocable Trust

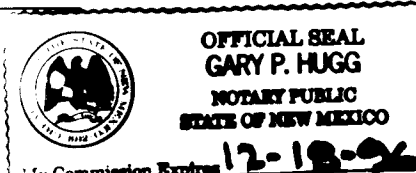
*Mary Jane Black* *A. Raife Black*  
Mary Jane Black, Co. Trustee A. Raife Black, Successor Co. Trustee

## ACKNOWLEDGEMENT

STATE OF NEW MEXICO  
COUNTY OF BERNALILLO SS

This instrument was acknowledged before me on this 25<sup>TH</sup> day of JANUARY, 1995, by Mary Jane Black and A. Raife Black.

*Anthony ...*  
Notary Public



## NOTE:

The tracts shown hereon are subject to that certain DECLARATION OF PROTECTIVE COVENANTS, RESTRICTIONS AND GRANT OF EASEMENTS filed in the office of the County Clerk of Bernalillo County, New Mexico, on November 3, 1994, in Book 94-30, pages 9028-9062, as Document Number 94132336.

## NOTE:

An AGREEMENT TO ESTINGUISH AND RELEASE CERTAIN EASEMENTS AND RIGHTS-OF-WAY by the beneficiaries of that certain Access Road and Right of Way Easement filed August 25, 1983, in Book Misc. 42A, pages 588-608, Amended by Corrective 30' Access Road Easement and Right of Way Agreement filed October 17, 1983, in Book Misc. 56A, pages 506-527, was filed on December 12, 1994, in Book 94-24, pages 204-2073.

SHEET 2 OF 3

**SURV TEK, INC.**  
Consulting Surveyors

6643 Paradise Blvd. N.W. Albuquerque, New Mexico 87114 Phone: 505-897-3368  
Fax: 505-897-3377





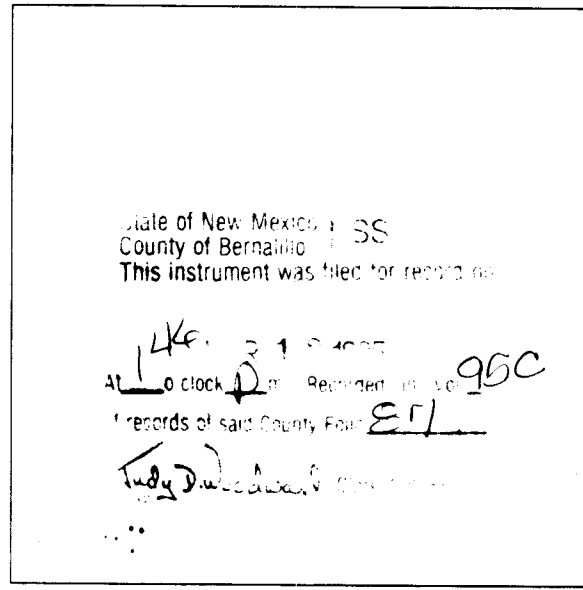
TRACT G-2A-1  
SEVEN-BAR RANCH  
(BEING A REPLAT OF TRACT G-2A, SEVEN-BAR RANCH)

CITY OF ALBUQUERQUE  
BERNALILLO COUNTY, NEW MEXICO

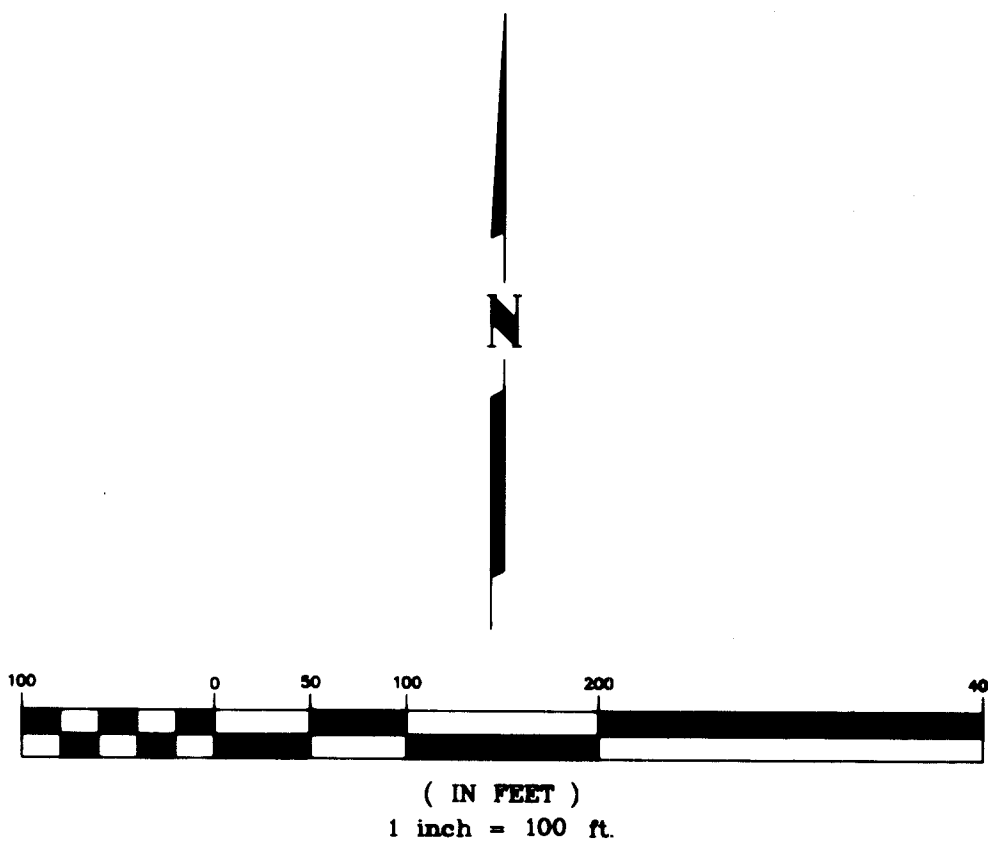
JANUARY, 1995

95025200

INSTRUMENT NO. \_\_\_\_\_



Reserved for County Clerk



SHEET 3 OF 3

**SURV TEK, INC.**

Consulting Surveyors  
6643 Paradise Blvd. N.W. Albuquerque, New Mexico 87114

Phone: 505-887-5888  
Fax: 505-887-5377

LINE TABLE

LINE	DIRECTION	DISTANCE
L1	S 62°11'16" W	38.54'
L2	S 08°48'07" W	62.53'

TRACT G-2A-1  
SEVEN-BAR RANCH  
Filed- January 6, 1995 Vol. 95C, folio 3

ADDITIONAL STREET RIGHT OF WAY  
Dedicated to the City of Albuquerque  
in fee simple by Plat filed-  
January 6, 1995, Volume 95C folio 3  
(Cross hatched area)

ADDITIONAL STREET RIGHT OF WAY  
Dedicated to the City of Albuquerque  
in fee simple by Plat filed-  
November 9, 1994, Volume 94C folio 378  
(Cross hatched area)

EXISTING 30' ACCESS ROAD AND  
RIGHT OF WAY EASEMENT Filed-  
August 25, 1983 Misc. Book 42A,  
pages 588-598 Amended by  
Corrective 30' Access Road Easement  
and Right of Way Agreement Filed-  
October 17, 1983 Misc. Book 56A,  
pages 508-527. Portion of said  
Right of Way Easement to be Vacated  
by this plat. Vacated by V-94-81.  
(shaded area)

TRACT G-2A-1  
6.1325 Ac.

TRACT G-2A  
SEVEN-BAR RANCH  
Volume 94C, folio 378

10' UTILITY EASEMENT  
Per Plat Filed- November 9, 1994  
Volume 94C folio 378

LOT 1-A  
RIVERWALK MARKETPLACE  
Filed- November 17, 1989 Vol. C40, folio 45

N.M.S.H.C. Monument "NM-448-N12"  
Y = 1,528,910.84  
X = 381,026.54  
Elev. = 5023.41  
Delta Alpha = -00°13'46"  
Ground to Grid Factor = 0.99967595

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1022.00'	505.93'	258.26'	500.78'	N 57°47'39" E	28°21'49"
C2	25.00'	39.27'	25.00'	35.36'	S 72°48'44" E	90°00'00"
C3	1257.74'	46.43'	23.22'	46.43'	S 20°02'01" E	02°06'54"



950007

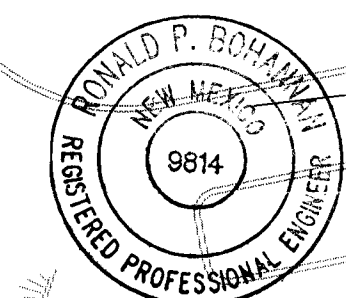




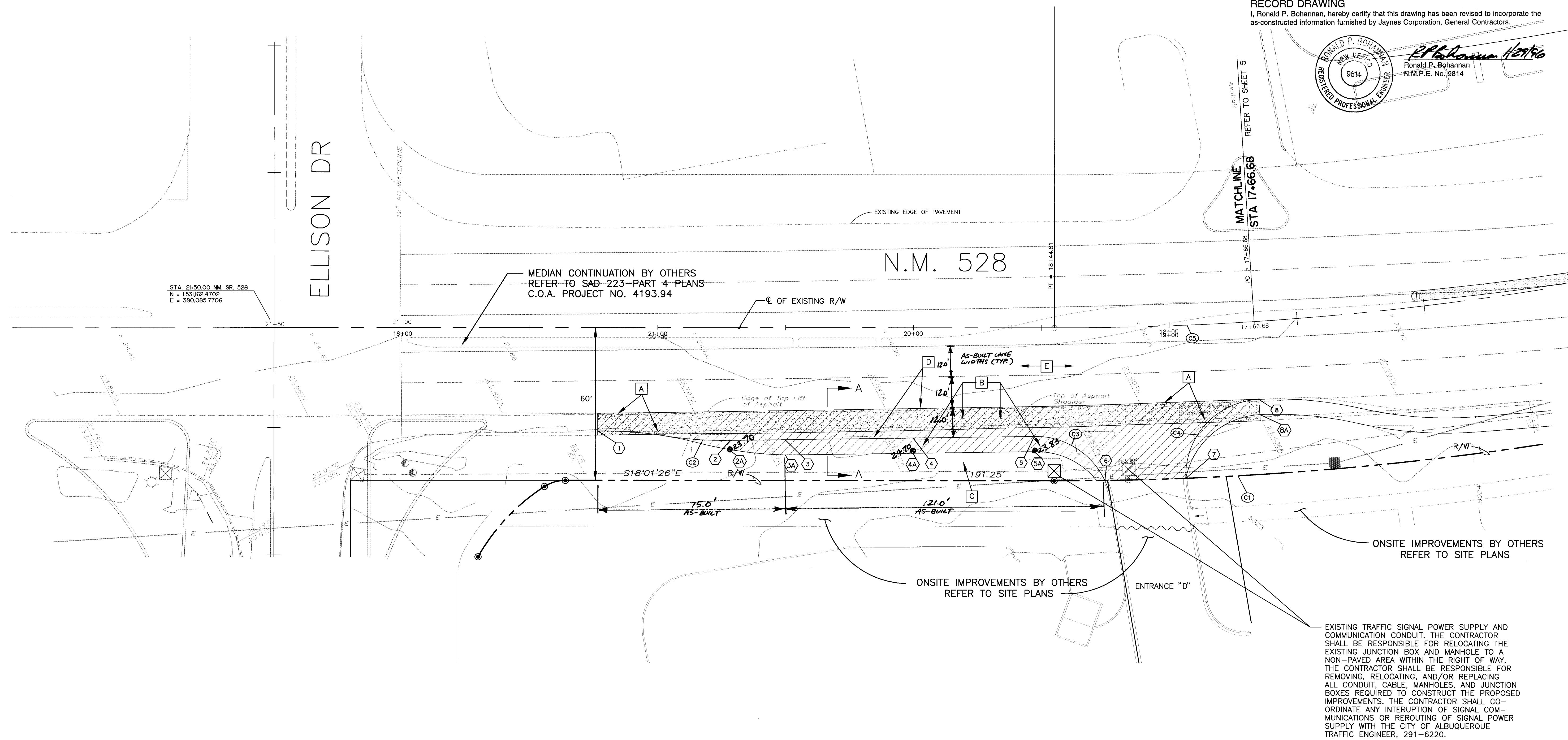


DWG: C:\DATA\3862\SH-ET-4  
-ME: 02-04-95 15:15:06

RECORD DRAWING  
I, Ronald P. Bohannon, hereby certify that this drawing has been revised to incorporate the as-constructed information furnished by Jaynes Corporation, General Contractors.



*R.P. Bohannon*  
Ronald P. Bohannon  
N.M.P.E. No. 9814



STATION/OFFSET TABLE

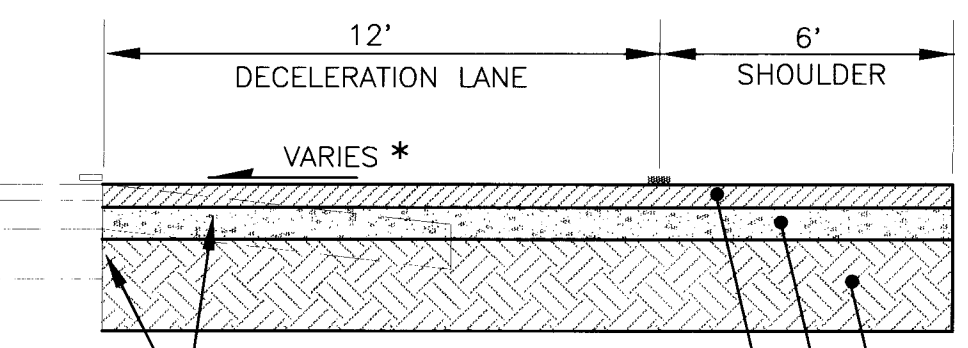
POINT	STATION	OFFSET	TOP OF PAVEMENT ELEV	DESCRIPTION
1	20+23.36	40.57 LT	5023.41	EDGE OF LANE
2	19+71.72	44.31 LT	5023.68	EDGE OF LANE
2A	19+71.72	47.88 LT	5023.60	EDGE OF LANE
3	19+50.00	44.00 LT	5023.68	EDGE OF LANE
3A	19+50.00	49.96 LT	5023.56	EDGE OF LANE
4	19+00.00	43.28 LT	5023.72	EDGE OF LANE
4A	19+00.00	49.28 LT	5023.60	EDGE OF LANE
5	18+52.58	42.59 LT	5023.78	PC, EDGE OF LANE
5A	18+52.58	48.60 LT	5023.66	EDGE OF LANE
6	18+25.93	60.00 LT	5024.62	P.O.C. • ROW
7	17+95.77	60.00 LT	5024.74	P.O.C. • ROW
8	17+66.68	30.56 LT	5023.90	PT, EDGE OF LANE
8A	17+66.68	36.57 LT	5023.78	EDGE OF LANE

NOTE: ALL DATA IS TO FACE OF CURB OR  
EDGE OF DRIVING LANE

CURVE TABLE

DESIGNATED BY: (C)

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1257.74'	82.04'	41.04'	82.03'	N19°53'33"W	0°34'15"
C2	150.00'	25.96'	13.01'	25.93'	N13°53'28"W	0°54'58"
C3	30.00'	34.39'	19.36'	32.54'	S13°59'30"W	6°40'54"
C4	30.00'	48.75'	29.62'	42.16'	S65°20'49"E	8°16'37"
C5	1197.74'	78.13'	39.08'	78.11'	N19°53'33"W	0°34'14"



\* SEE SPOT ELEVATIONS  
IN TABLE. (MAINTAIN  
EXISTING CROSS-SLOPE  
ON N.M. 528)

SAWCUT, REMOVE AND  
DISPOSE OF EXISTING  
SHOULDER PAVEMENT

NEW PAVEMENT SECTION

12" SUBGRADE PREPARATION  
95% COMPACTION

6" AGGREGATE BASE COURSE,  
CLASS I-B, 95% COMPACTION

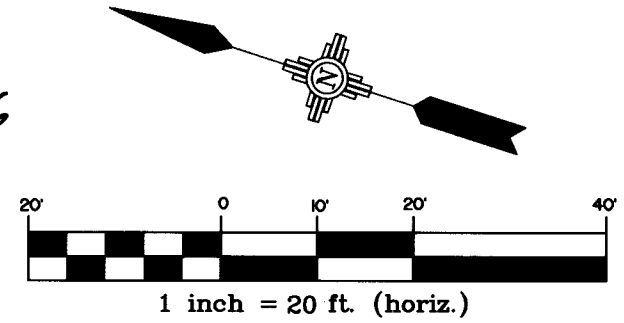
4" AC BASE COURSE, 1800 LB  
STABILITY, C.O.A. GRADATION "B" MIX  
PLACE IN TWO LIFTS.

TYPICAL SECTION A-A  
DECELERATION LANE/ENTRANCE D & E  
STATION 13+55 TO STATION 20+23.36

KEYED NOTES

- A SAWCUT, REMOVE AND DISPOSE OF EXISTING SHOULDER PAVEMENT
- B CONSTRUCT 12' DECELERATION LANE AND ENTRANCE "D" IN ACCORDANCE WITH PAVEMENT SECTION A-A ON SHEET 4
- C GRADE REMAINING R/W AREA TO PROVIDE POSITIVE DRAINAGE AWAY FROM ASPHALT PAVEMENT, AND MATCH EXISTING SITE IMPROVEMENTS.
- D REFER TO SHEET 6 FOR STRIPING REQUIREMENTS AND LANE WIDTHS.
- E REFER TO SHEETS 7, 8, AND 9 FOR TRAFFIC CONTROL

24-5795.90 0496



**EASTERLING & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
10131 Coors Rd., NW, Suite H - 7 & 8  
ALBUQUERQUE, NEW MEXICO 87114  
(505) 898-8021 FAX (505) 898-8501

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE:  
N.M.S.R. 528 MEDIAN PLAN  
TRACT G-2A, SEVEN BAR RANCH

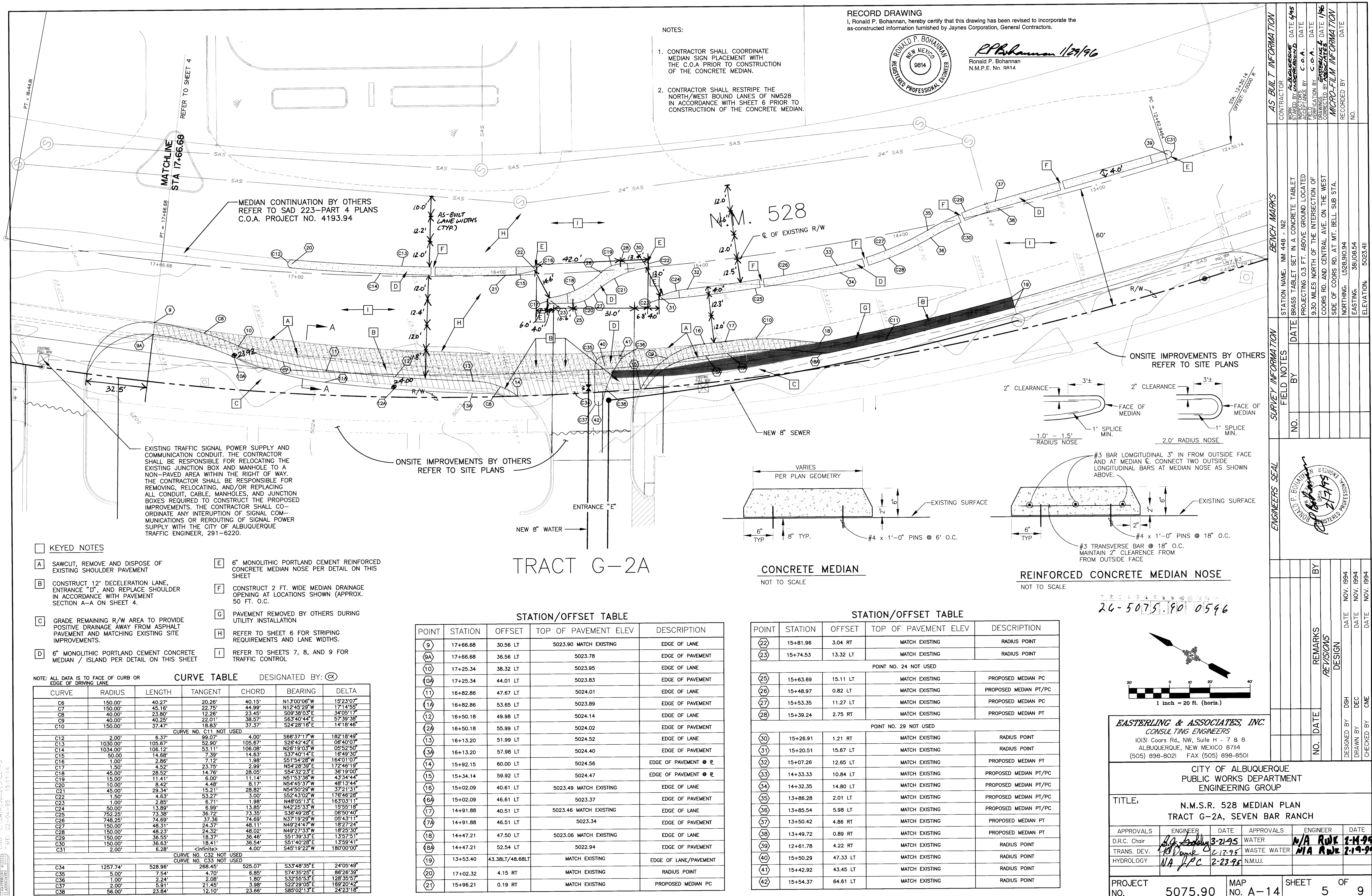
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>P.P. Bohannon</i>	3-21-95	WATER	<i>MA RWR</i>	2-14-95
TRANS. DEV.	<i>P.P. Bohannon</i>	2-17-95	WASTE WATER	<i>MA RWR</i>	2-14-95
HYDROLOGY	<i>NA P.P.C.</i>	2-23-95	N.M.S.H.T.D.		

PROJECT NO.	5075.90	MAP NO.	A-14	SHEET	4	OF	9
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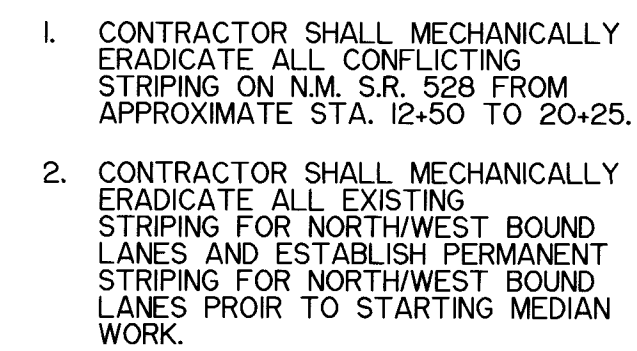
CANNED BY  
BY LASON

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEERS SEAL	
CONTRACTOR	STATION NAME: NM 448 - N12	BRASS TABLET SET IN A CONCRETE TABLE	PROJECTING 0.3 FT. ABOVE GROUND LOCATED 9.30 MILES NORTH OF THE INTERSECTION OF COORS RD. AND CENTRAL AVE. ON THE WEST SIDE OF COORS RD. AT MT. BELL SUB STA.	DATE	BY	NO.	DATE
WORKED BY: <i>AS BUILT</i>	DATE: <i>6/95</i>	INSPECTORS: <i>AS BUILT</i>	DATE: <i>6/95</i>	DATE	BY	NO.	DATE
ACCEPTANCE BY: <i>AS BUILT</i>	DATE: <i>6/95</i>	VERIFICATION BY: <i>AS BUILT</i>	DATE: <i>6/95</i>	DATE	BY	NO.	DATE
DRAWINGS BY: <i>AS BUILT</i>	DATE: <i>6/95</i>	VERIFICATION BY: <i>AS BUILT</i>	DATE: <i>6/95</i>	DATE	BY	NO.	DATE
RECORDED BY: <i>AS BUILT</i>	DATE: <i>6/95</i>	VERIFICATION BY: <i>AS BUILT</i>	DATE: <i>6/95</i>	DATE	BY	NO.	DATE
NO.	STATION	ELEVATION	NO.	STATION	ELEVATION	NO.	STATION





R. P. Bohannon 1/29/96  
Ronald P. Bohannon  
N.M.P.E. No. 9814



PROJECT NO.	5075.90	MAP NO.	A-14	SHEET	6	OF	9
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SCANNED BY  
BY LASON



## CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. 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.

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 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.

3. 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.

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 SERVICING 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 MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. 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.

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

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 TRAVELLED 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 OBLITERATION OF ANY CONFLICTING 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 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.

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. 24 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.

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.

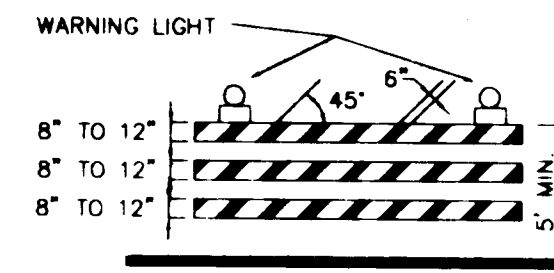
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:  
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.  
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.  
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR 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.

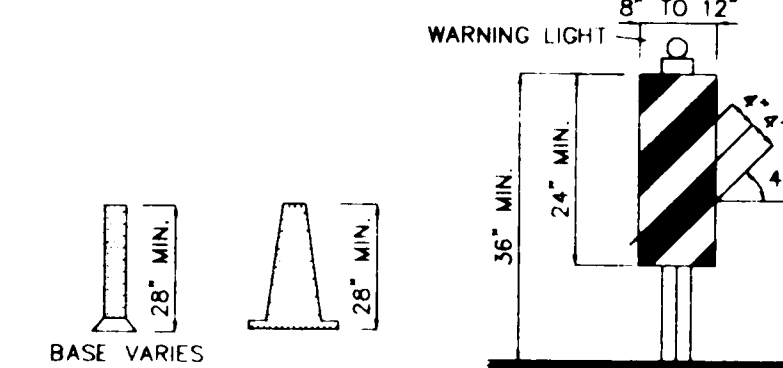
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

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

## PROJECT CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES



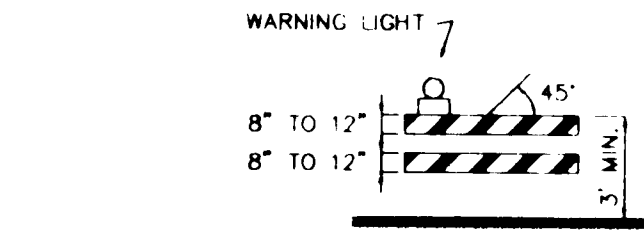
TYPE III BARRICADE



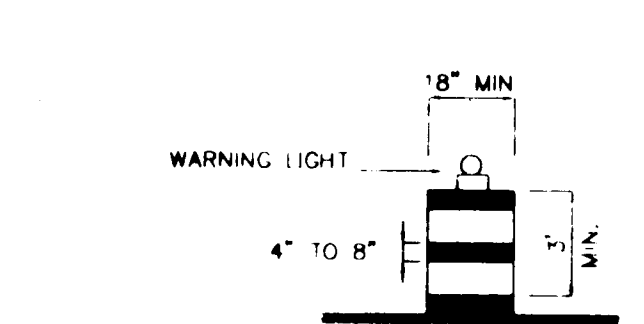
CONES

VERTICAL PANEL

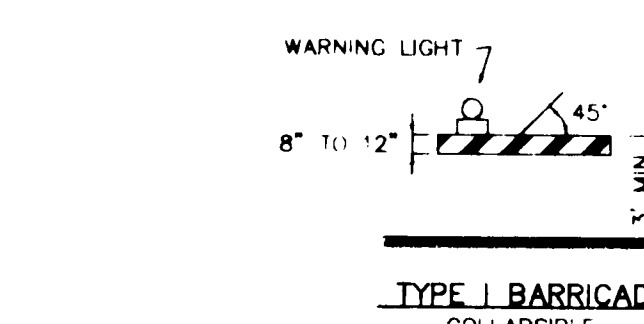
HIGH LEVEL WARNING DEVICE



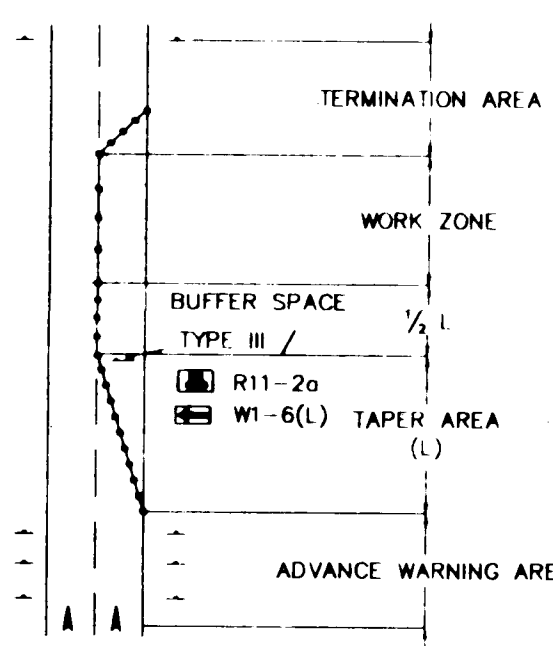
TYPE II BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



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 (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 FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET	
	BETWEEN SIGNS	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

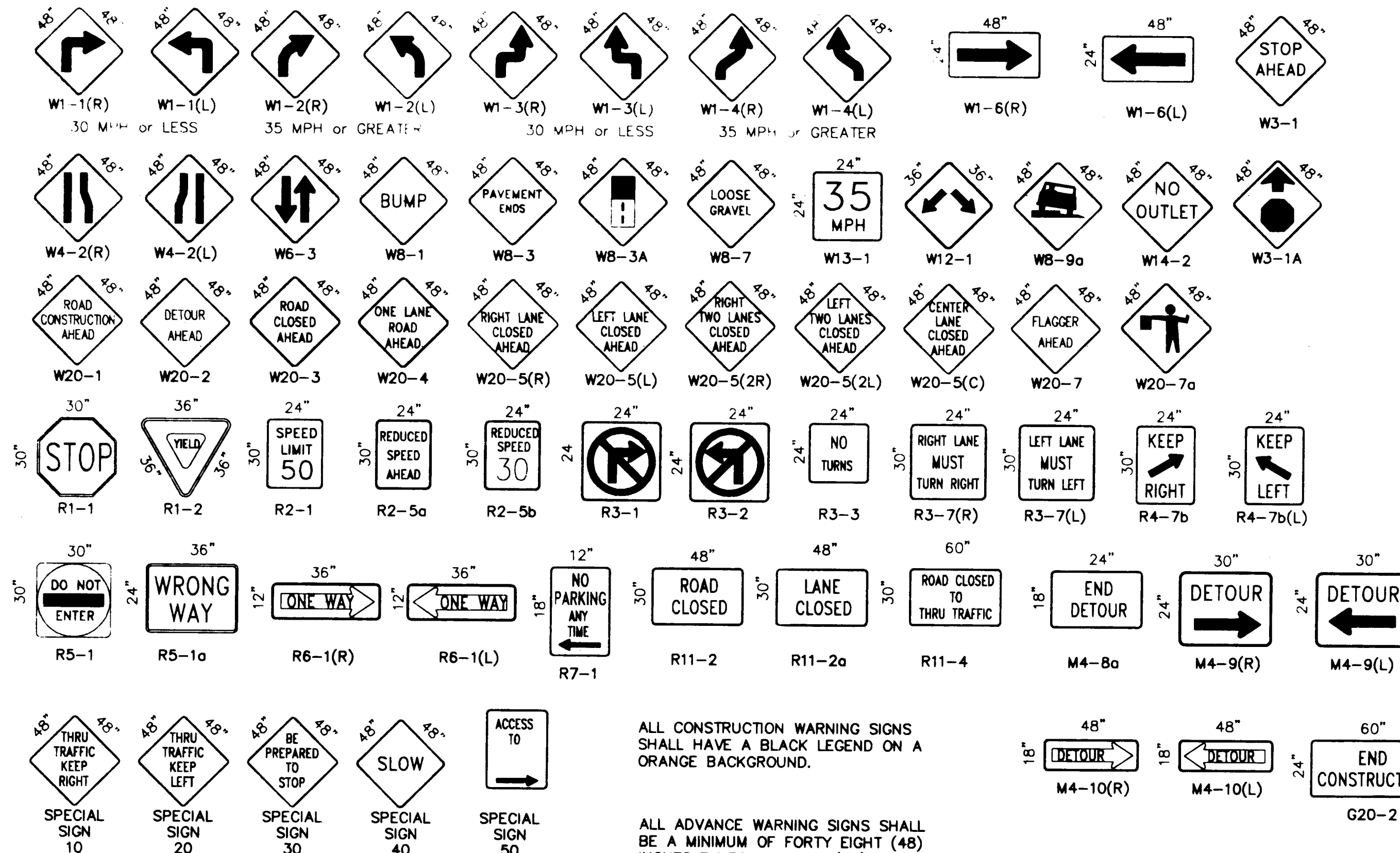
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSIDE TAPERS	100 FEET PER LANE

## TAPER LENGTH COMPUTATION

SPEED LIMIT	L = W S^2 / 60
40 MPH OR LESS	L = W S^2 / 60
45 MPH OR GREATER	L = W X S

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

## SIGN FACE DETAILS



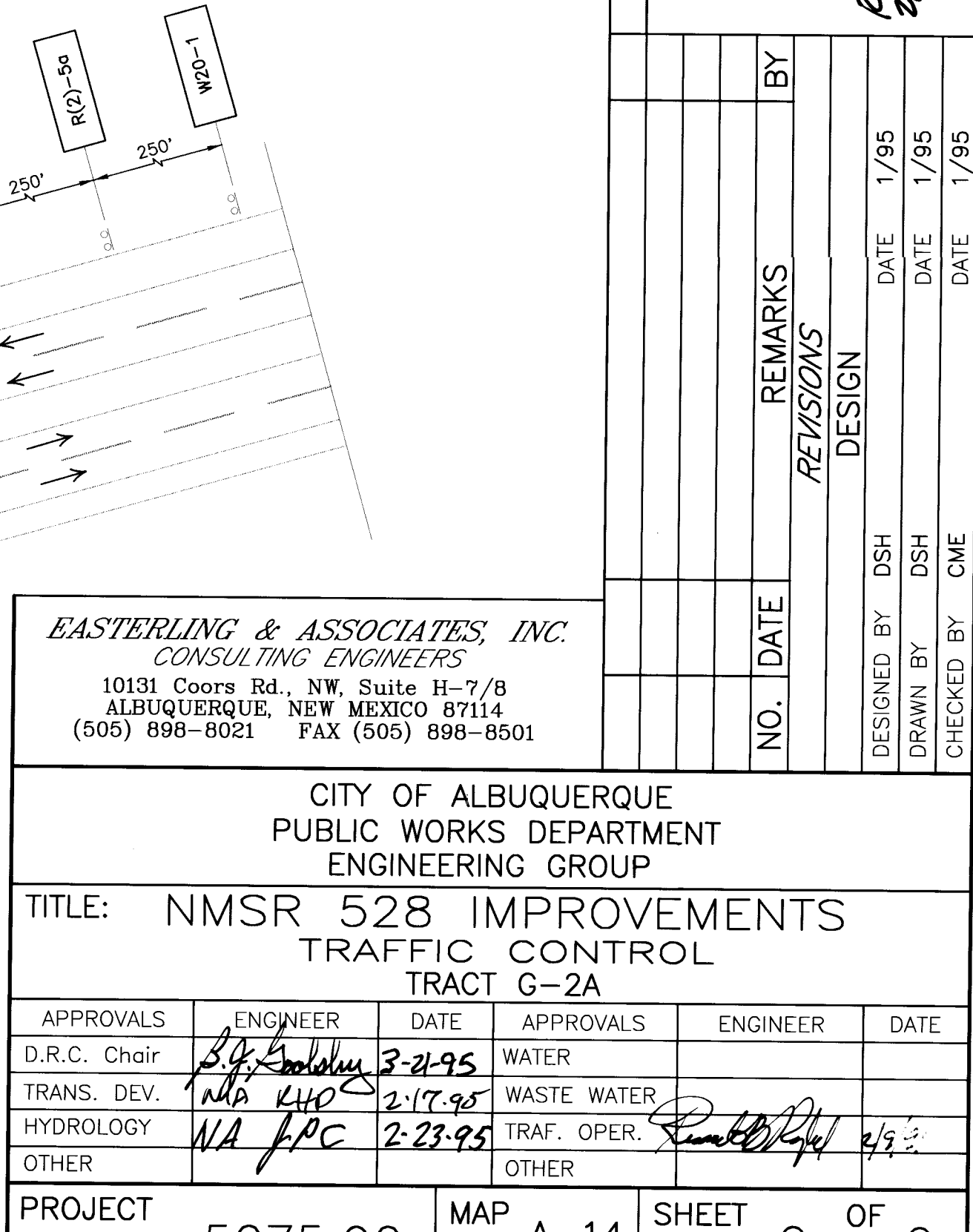
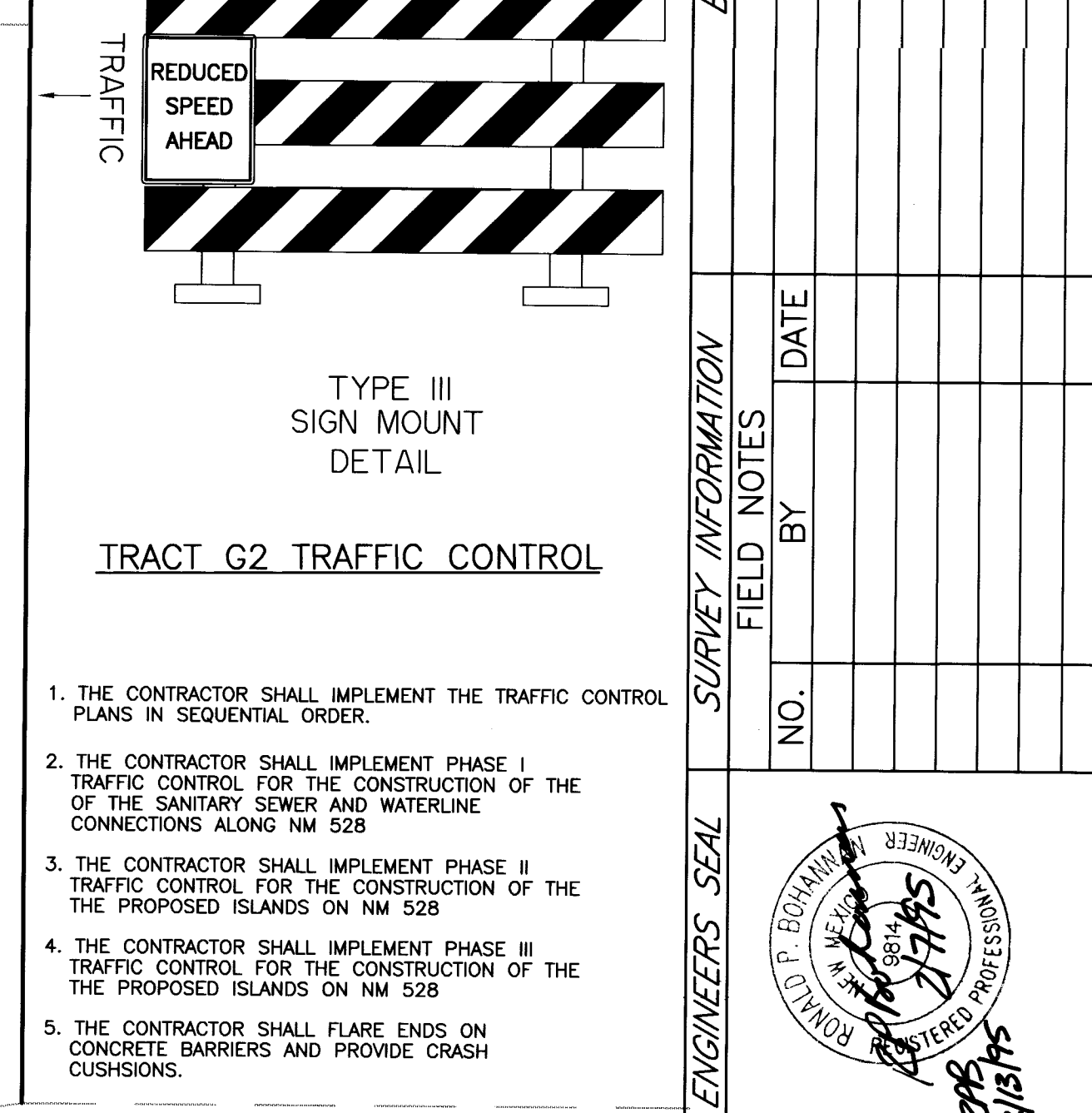
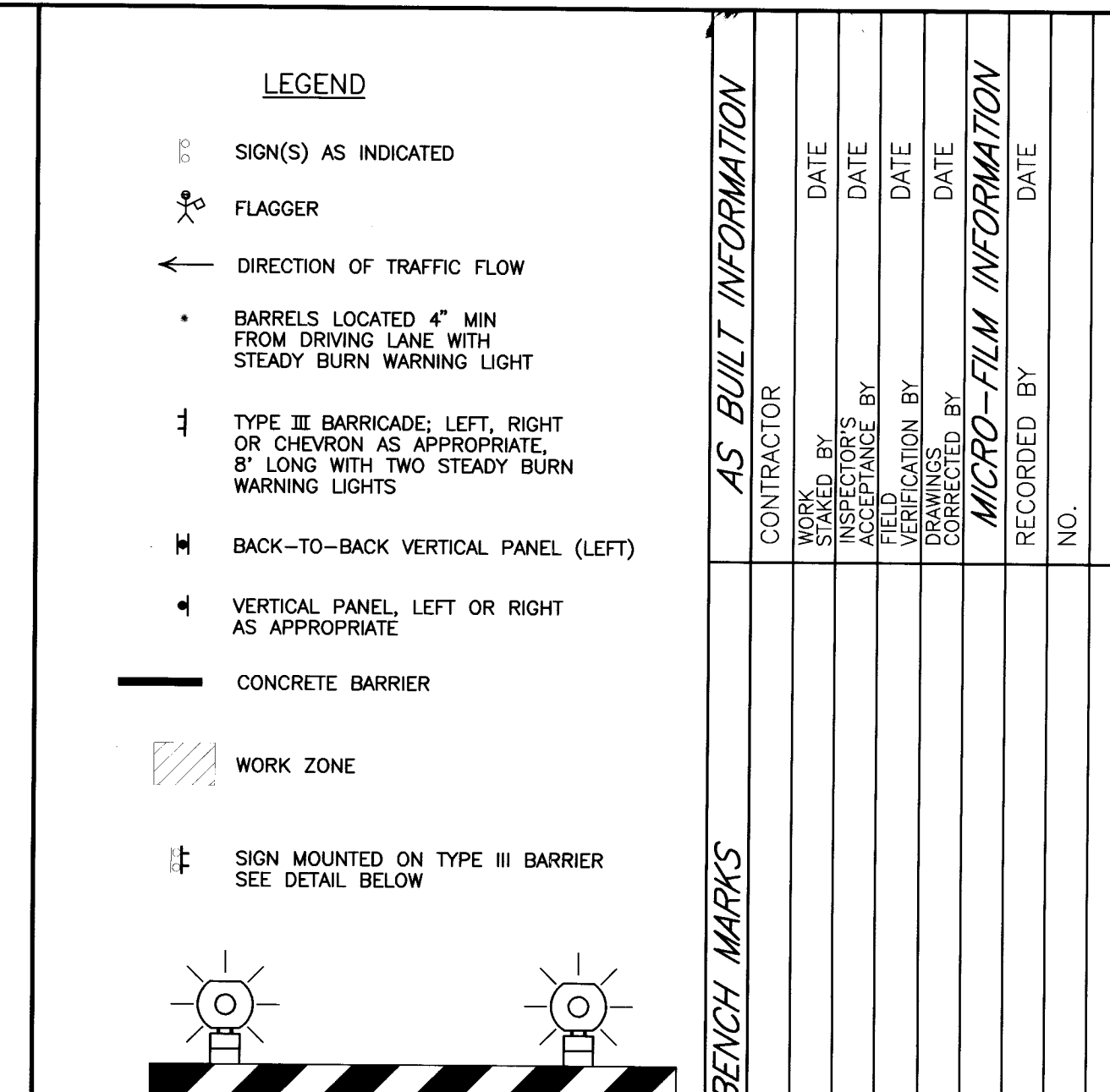
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY EIGHT (48) INCHES BY FORTY EIGHT (48) INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

24-5075.90 0796

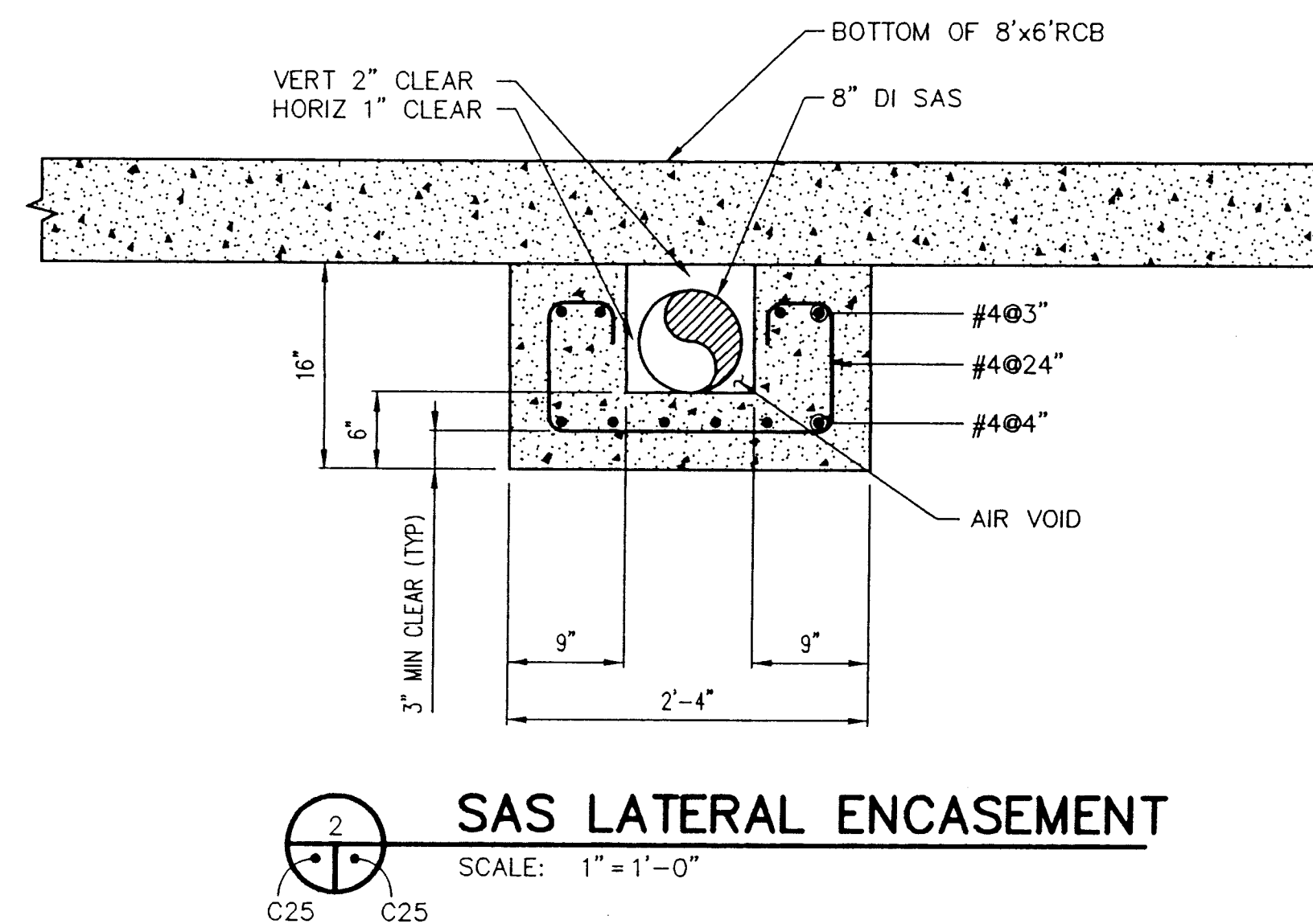
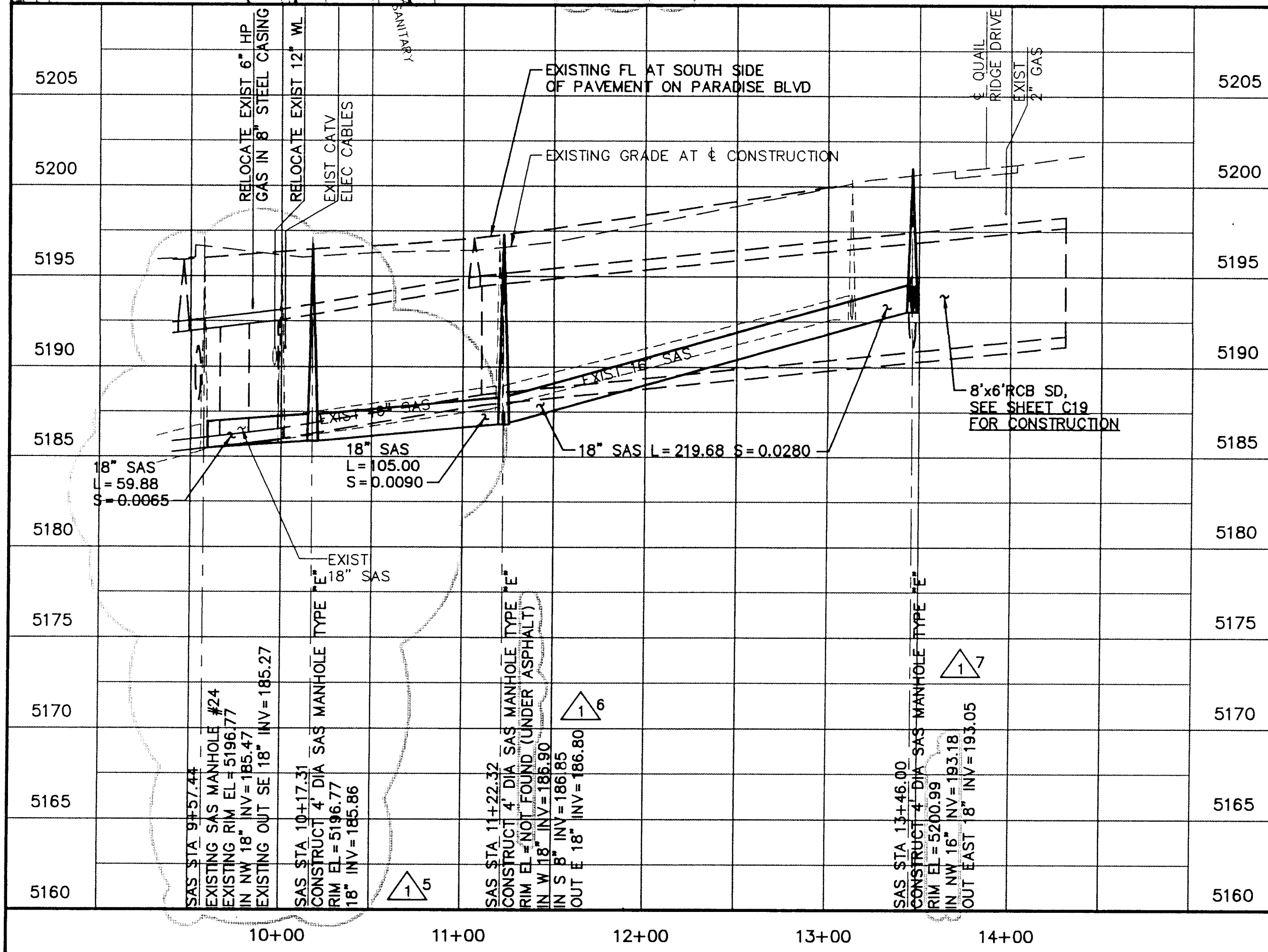






ASSASSINATING &  
ASSASSINATES





RECORD DRAWING  
Date NOV 21 1995  
These drawings have been revised based on field data and every reasonable attempt has been made to depict construction as actually performed

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: NORTH BRANCH PIEDRAS MARCADAS ARROYO, GOLF COURSE ROAD STORM DRAIN SANITARY SEWER PLAN AND PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY			NM UTILITIES		
BERN CO PWD					
PROJECT NO.	5039.90		MAP NO.	B12,C12	
			SHEET	OF	
				C25	40

[illegible]