

PLANS FOR CONSTRUCTION OF

SIGNAL AVENUE NE

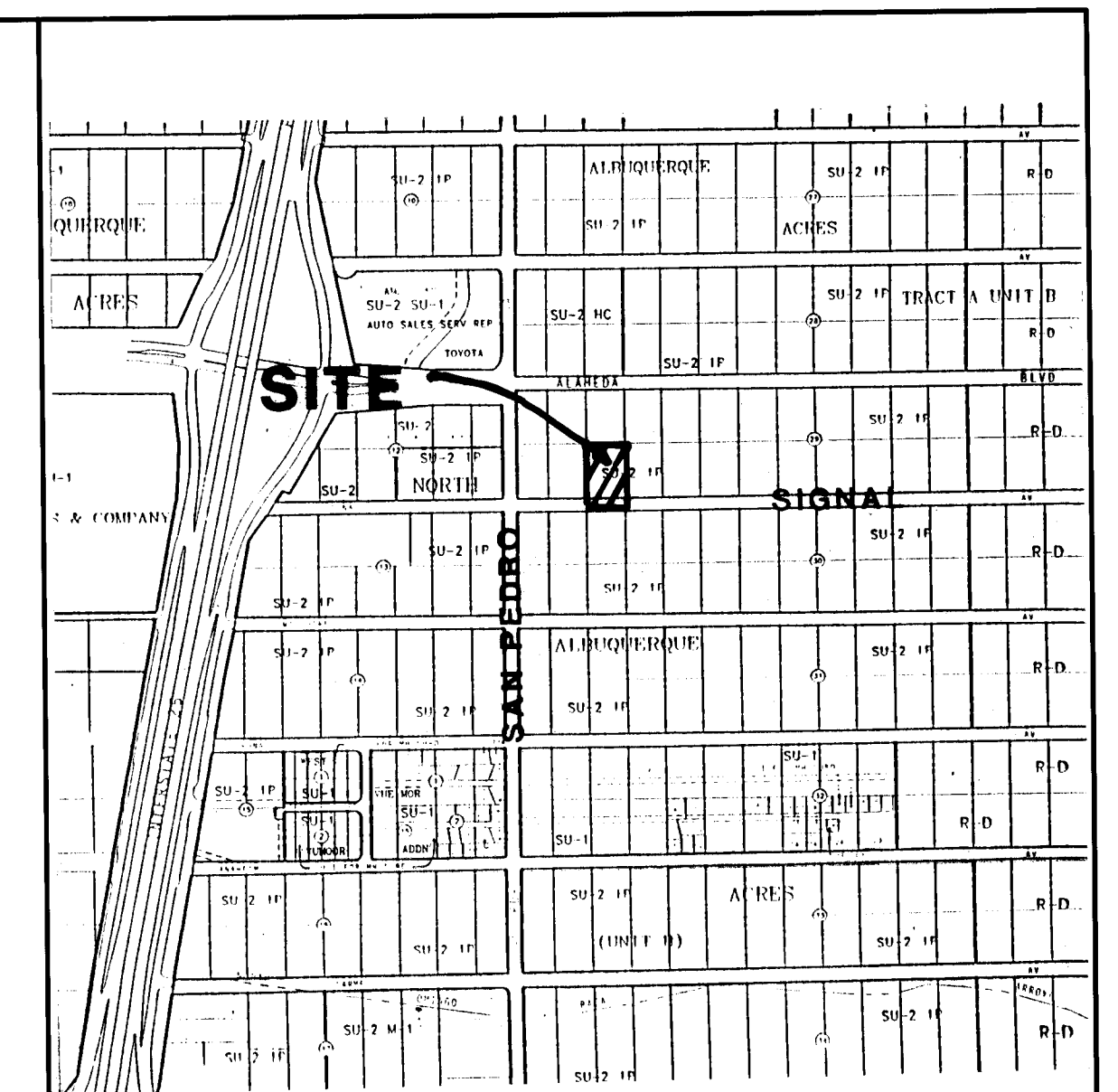
DECEMBER, 1995

INDEX TO DRAWINGS

SHEET	TITLE
1	TITLE SHEET
2	STREET PAVING PLAN & PROFILE
3	FIRE HYDRANT & STORM DRAIN PLAN & PROFILE
4	DETAILS

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR THE CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS INSTRUMENT ARE OWNED BY AND THE PROPERTY OF BRASHER & LORENZ, INC., AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. THESE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL NOT BE USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF BRASHER & LORENZ, INC.



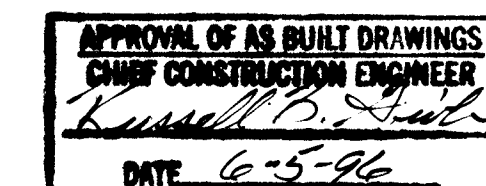
VICINITY MAP: C-18

SCALE: 1"=750'

GENERAL NOTES:

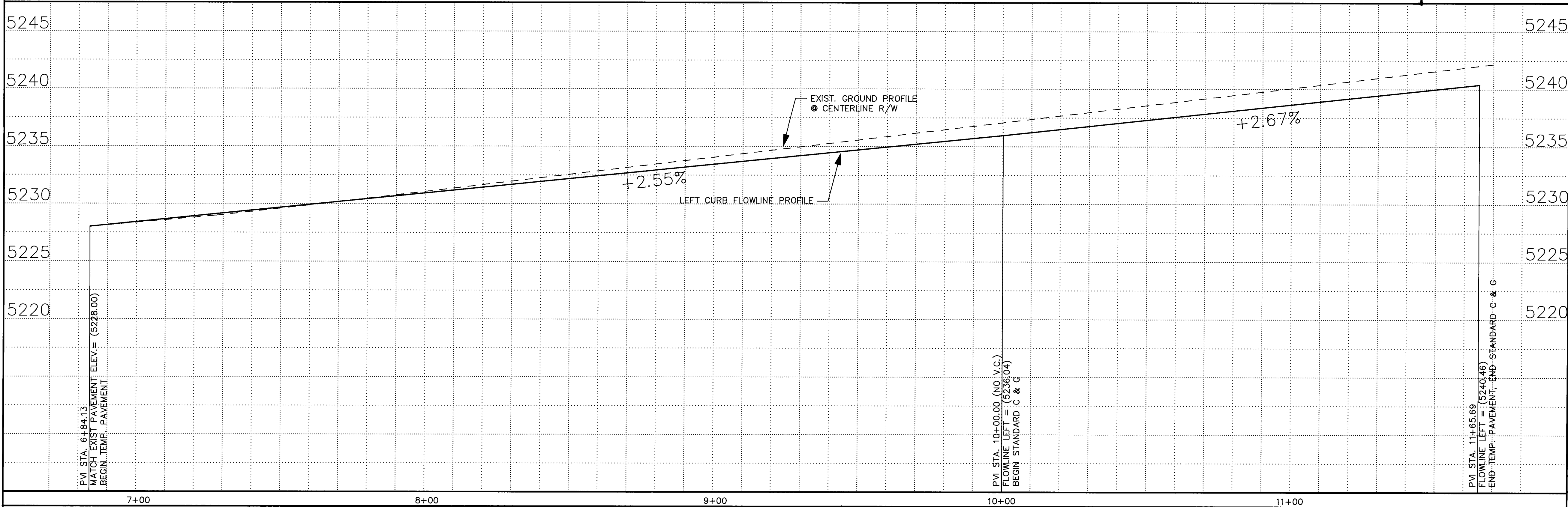
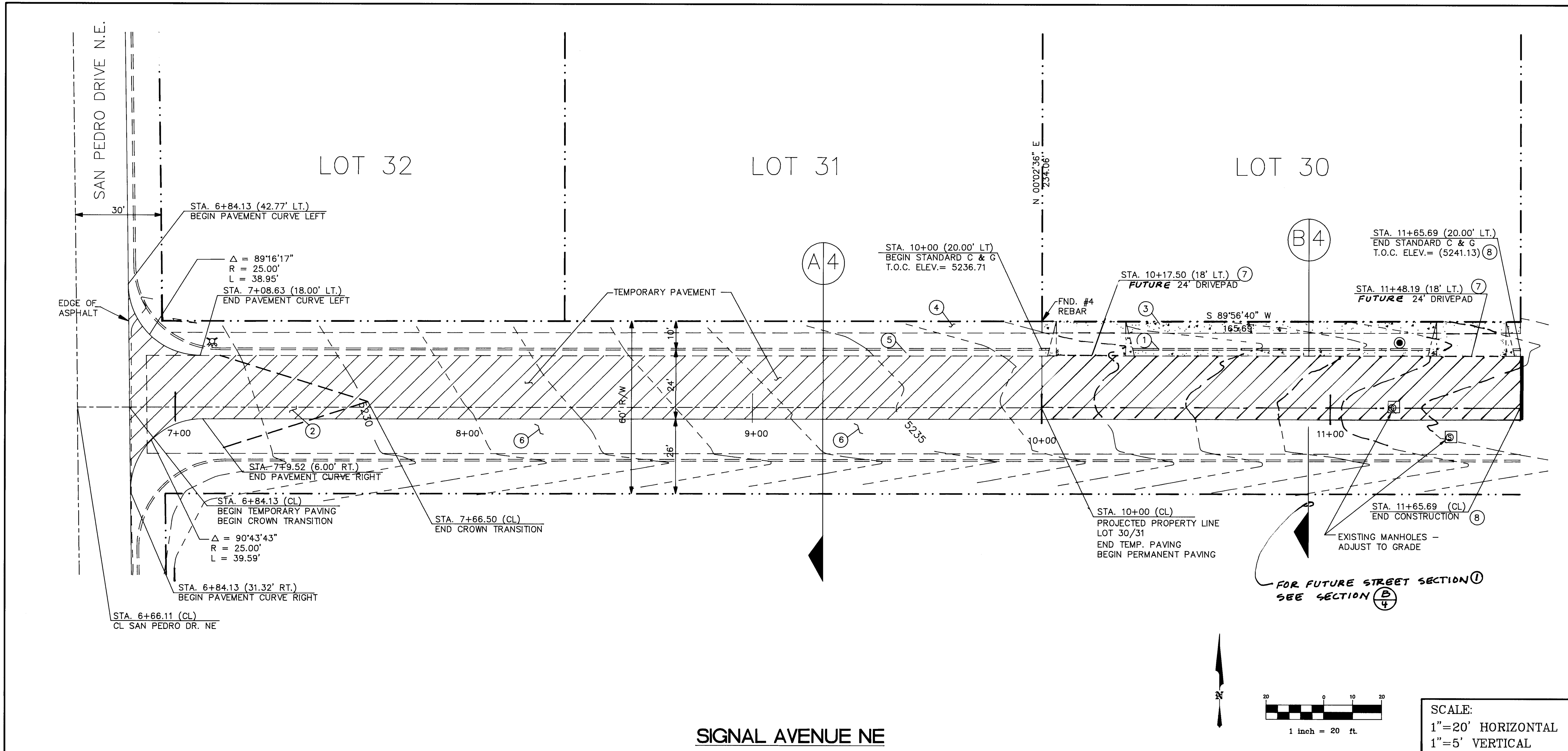
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HERON, BE CONSTRUCTED IN ACCORDANCE WITH THE "CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986" (COA STND). THROUGH UPDATE NO. 6.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 280-1990, FOR LOCATION OF EXISTING UTILITIES.
- 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL INFORM HIMSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- THE CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE OWNERS FOR THE PREPARATION OF "RECORD DRAWINGS". THE CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- REFERENCE MADE TO STANDARD DRAWINGS REFER TO ALBUQUERQUE STANDARD DRAWINGS.
- ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS FROM THE CITY OF ALBUQUERQUE AND PREPARED BY BRASHER & LORENZ, INC.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF HIS CONSTRUCTION, IF OVERHEAD UTILITY LINES SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES, AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE IS TO BE SUPPORTED EVERY 15' (MINIMUM). CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY THE BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY THE CONTRACTOR TO LOCATION, AND IN KIND AS EXISTING OR AS INDICATED ON THE PLANS.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY FOUR (24) HOUR CONSTRUCTION.

2 6 5304.90 1910 12 19 96



REV.	SHEETS	CITY	ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
APPROVAL OF REVISIONS										

ENGINEER'S SEAL 	BRASHER & LORENZ, INC. Consulting Engineers 4425 Juan Tabo Blvd. NE Suite 202 Albuquerque, New Mexico 87111 Ph: 505-296-0422 Fax: 505-296-0466	APPROVED FOR CONSTRUCTION 3/28/96 C.E.
PROJECT NUMBER 5304.90		SHEET 1 OF 4



LEGEND

ITEM	EXISTING	PROPOSED
WATERLINE	— 6" W —	— 6" W —
SANITARY SEWER	— 8" SAS —	— 8" SAS —
STORM SEWER	— 36" SD —	— 24" SD —
FIRE HYDRANT	—	—
VALVE	—	—
WATER SERVICE (SINGLE)	—	—
WATER SERVICE (DOUBLE)	—	—
MANHOLE	—	—
CURB	—	—
DROP INLET	—	—
OVERHEAD ELEC	—	—
UNDERGROUND ELEC, GAS, TEL, TV	—	—
FLOWLINE ELEV.	— FL 0.14 —	— FL 0.14 —
TOP OF CURB ELEV.	— TC 99.3 —	— TC 99.31 —
SPOT ELEV.	— x 16.7 —	— x 16.7 —
SEWER SERVICE	—	—
RIGHT OF WAY	—	—
POWER POLE (GUYYED)	— PP —	—
CHAIN LINK FENCE	—	—
CENTERLINE	—	—
RETAINING WALL	—	—
TOP OF ASPHALT ELEV.	— TA 16.2 —	— TA 16.2 —
CROWN TRANSITION (50' LENGTH - TYPICAL)	—	—
TEMPORARY PAVEMENT	—	—

NOTE:

1. ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS OTHERWISE NOTED.

PAVING BUILD NOTES

① FUTURE STANDARD CURB & GUTTER PER COA DRAWING # 2415.

② BUILD 50' CROWN TRANSITION.

③ FUTURE 4' SIDEWALK PER COA DRAWING # 2430.

④ FUTURE 4' SIDEWALK BY OTHERS.

⑤ FUTURE C & G BY OTHERS.

⑥ FUTURE PAVEMENT BY OTHERS.

⑦ FUTURE 24' CONCRETE DRIVEPAD TO CONFORM TO ADA REQUIREMENTS PER STD DWG 2425

⑧ INSTALL CONCRETE CUT-OFF WALL AT END OF PAVEMENT PER STD DWG 2415

REVISIONS

NO.	DATE	REMARKS
1	2/29/94	REVISED SECTION 'B'
2	5/30/94	190
3	9/19/94	02190
4	12/21/95	12-28-95

BRASHER & LORENZ, INC.

Consulting Engineers

4425 Juan Tabo Blvd. NE Suite 202

Albuquerque, New Mexico 87111

Ph: 505-296-0422 Fax: 505-296-0466

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

TITLE:

SIGNAL AVENUE NE

STREET PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	R. W. Kone	11/9/94	WATER	R. W. Kone	12-18-95
TRANS. DEV.	R. W. Kone	12-21-95	WASTEWATER	R. W. Kone	12-18-95
HYDROLOGY	R. W. Kone	12-28-95			

PROJECT NO.

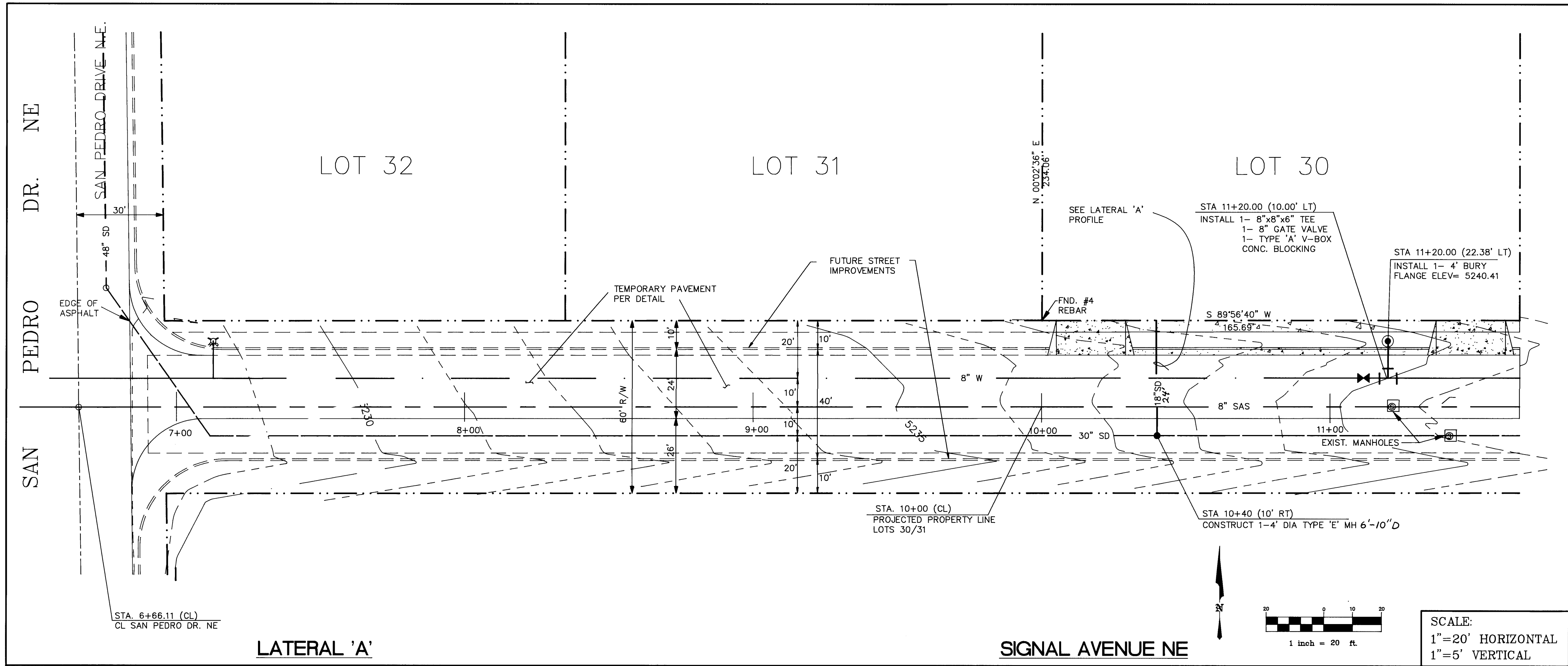
5304.90

MAP NO.

C-18

SHEET

2 OF 4



LEGEND

ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" SD	24" SD
FIRE HYDRANT		
VALVE		
WATER SERVICE (SINGLE)		
WATER SERVICE (DOUBLE)		
MANHOLE		
CURB		
DROP INLET		
OVERHEAD ELEC.	OHE	
UNDERGROUND ELEC.	UGT	
GAS, TEL, TV		
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	TC 99.3	TC 99.31
SPOT ELEV.	x16.7	16.7
SEWER SERVICE		
RIGHT OF WAY		
POWER POLE (GUYED)	PP	
CHAIN LINK FENCE		
CENTERLINE		
RETAINING WALL		
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
CROWN TRANSITION (50' LENGTH - TYPICAL)		

NOTES:

- ALL STATIONING IS BASED ON CENTERLINE OF RIGHT-OF-WAY UNLESS OTHERWISE NOTED.
- FOR WATER SHUT-OFF PLAN SEE SHEET 4

AS-BUILT INFORMATION

CONTRACTOR	DATE
New Concept	2/96

BENCH MARKS

COA CONTROL STATION LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF WILSHIRE AVE AND SAN PEDRO DR.	DATE
ALUMINUM CAP STAMPED "9-C18 1985". IT IS RWITD TO A 2.5" TUBE WITH THE CAP PROJECTING 0.5' ABOVE THE GROUND. ELEV = 5229.79 FEET	2/96

SURVEY INFORMATION

FIELD NOTES	DATE

ENGINEER'S SEAL

12-12-95

REVISIONS

NO.	DATE	REMARKS

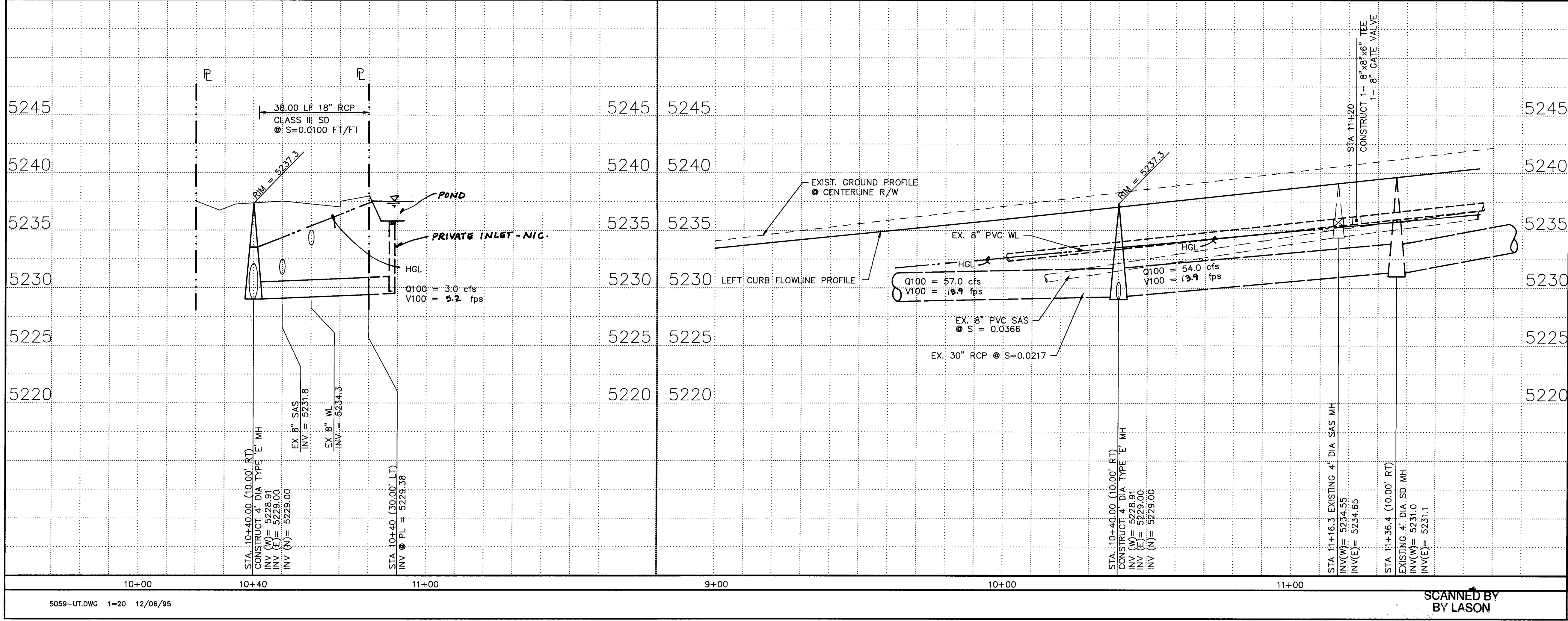
DESIGNED BY D.A.L. DATE 12/06/95
DRAWN BY STAFF DATE 12/06/95
CHECKED BY DAL DATE 12/06/95

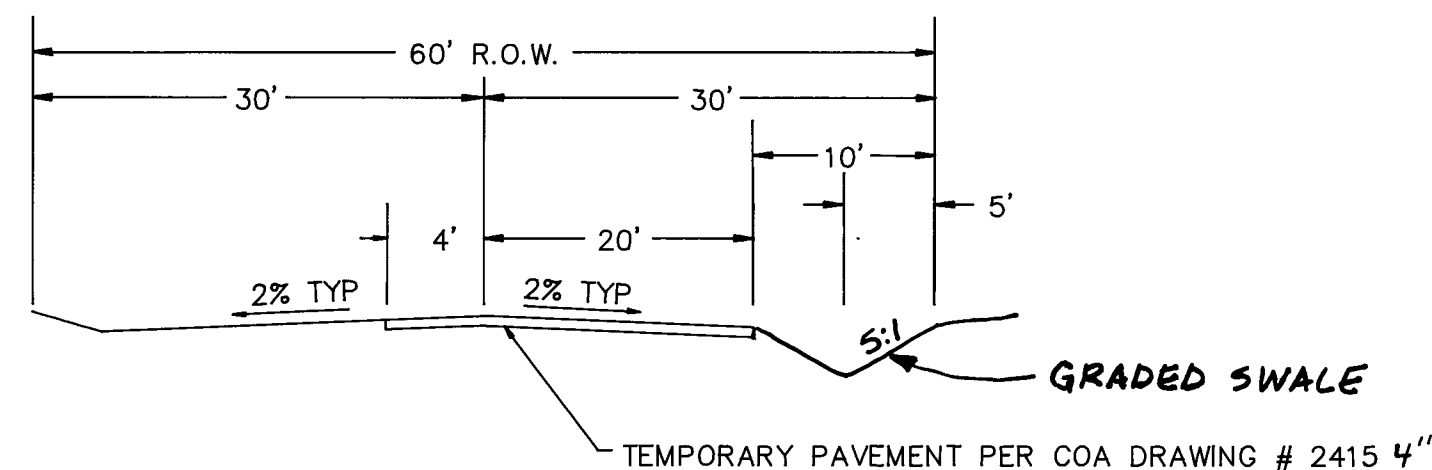
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SIGNAL AVENUE NE
FIRE HYDRANT & STORM DRAIN PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR		1/5/96	WATER	R.W. Kane	12-18-95
TRANS. DEV.		12-21-95	WASTEWATER	R.W. Kane	12-18-95
HYDROLOGY		12-28-95			

PROJECT NO. 5304.90 MAP NO. C-18 SHEET 3 OF 4





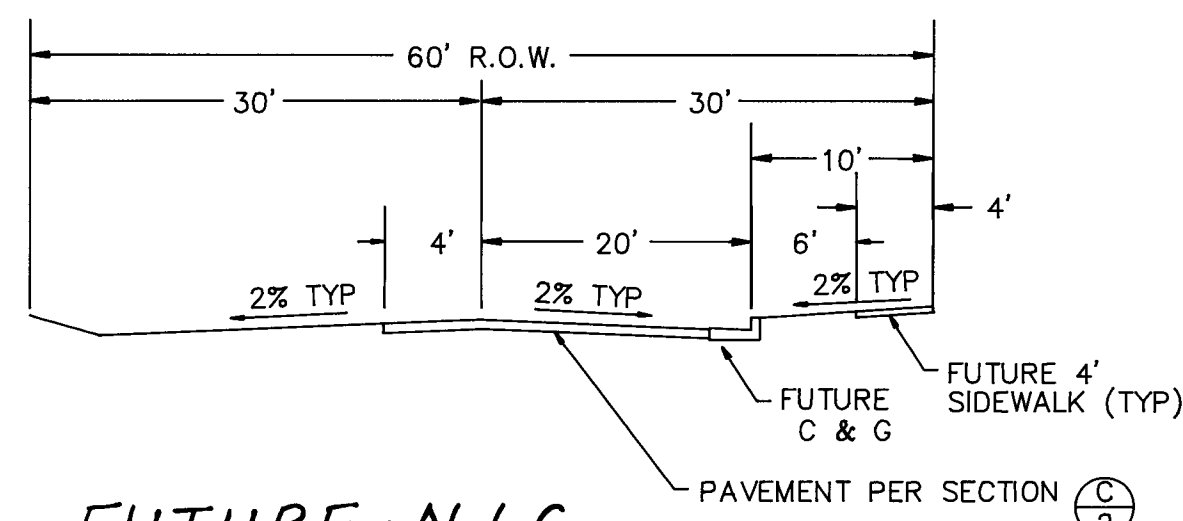
TEMPORARY STREET SECTION

STA. 6+84.13 TO STA. 10+00.00

NTS

①

A
2



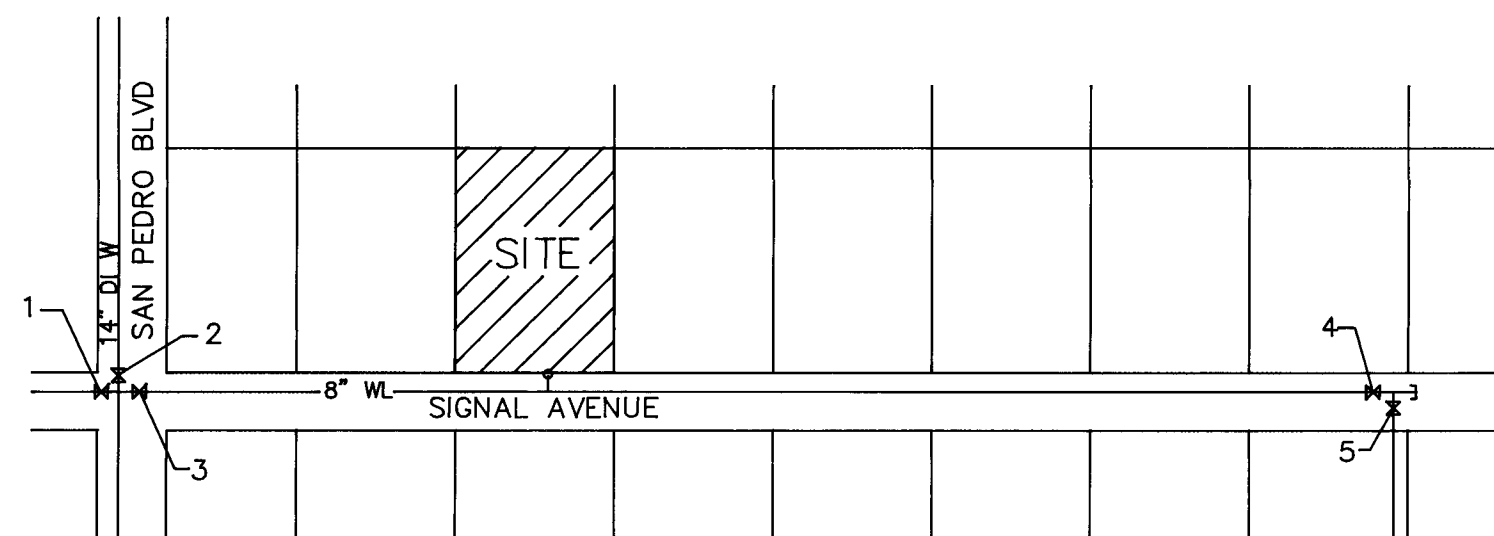
FUTURE - N.I.C.
PERMANENT STREET SECTION

STA. 10+00.00 TO STA. 11+65.69

NTS

①

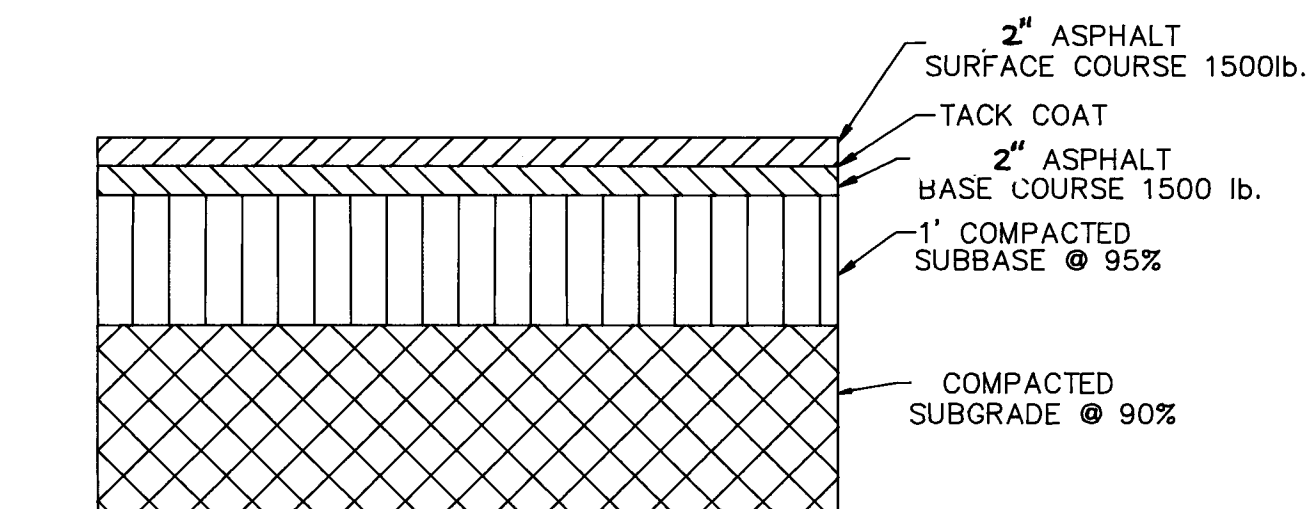
B
2



WATER SHUT-OFF PLAN

NTS

- ALL VALVES, HYDRANTS, AND APPURTENANCES OF THE CITY WATER SYSTEM SHALL BE OPERATED BY CITY PERSONNEL ONLY.
- THE CONTRACTOR SHALL PROVIDE THE CITY ~~48 HOURS~~ **5 DAYS** ADVANCE NOTICE OF NEED FOR SYSTEM SHUTDOWN.
- CLOSE VALVES 3 AND 4
- CONNECT TO EXISTING 8" WATERLINE
- OPEN VALVES 3 AND 4
- ANTICIPATED SHUTDOWN DURATION IS 8 HOURS.



FUTURE - N.I.C.
STREET PAVEMENT SECTION

① NTS

C
2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
20-5304-90-10496

BL BRASHER & LORENZ, INC.
Consulting Engineers
4425 Juan Tabo Blvd. NE Suite 202
Albuquerque, New Mexico 87111
Ph: 505-296-0422 Fax: 505-296-0466

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: SIGNAL AVENUE NE STREET PAVING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>[Signature]</i>	1/5/96	WATER	<i>[Signature]</i>	12/18/95
TRANS. DEV.	<i>[Signature]</i>	1/5/96	WASTEWATER	<i>[Signature]</i>	12/18/95
HYDROLOGY	<i>[Signature]</i>	12/28/95			
PROJECT NO. 5304.90		NO. C-18		SHEET 4 OF 4	

SCANNED BY
BY LASON

© COPYRIGHT