

EUBANK BOULEVARD N.E.

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

IMPROVEMENTS FOR

GRADING, PAVING, STRIPING AND UTILITIES

INDEX TO DRAWINGS

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* 13	UTILITY PLAN & PROFILE - QUINTESSENCE ROAD,

△* THIS SHEET ADDED
△** THIS SHEET ADDED

ENGINEER'S RECORD DRAWING CERTIFICATE
I, the undersigned engineer, a duly qualified Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that the Record Drawing information shown on these drawings was obtained from field construction and post-construction information obtained by me or under my direct supervision, that the Record Drawing information shown on these drawings was added by me or under my direct supervision, and that this Record Drawing information is true and correct to the best of my knowledge and belief. Responsibility for the design concepts, design engineering and calculations, or intent of the Record Drawings resides with others.

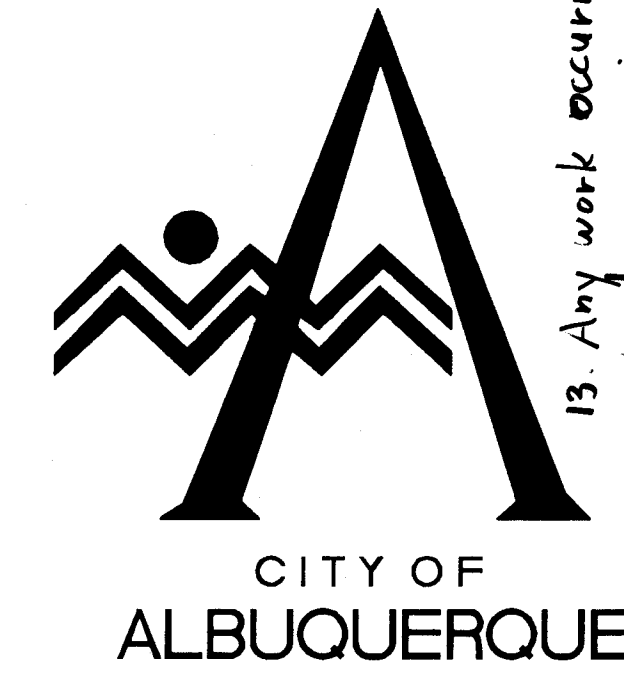
Elly A. Blathrow, Jr. 85-12-98
Elly A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070

WARNING - EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

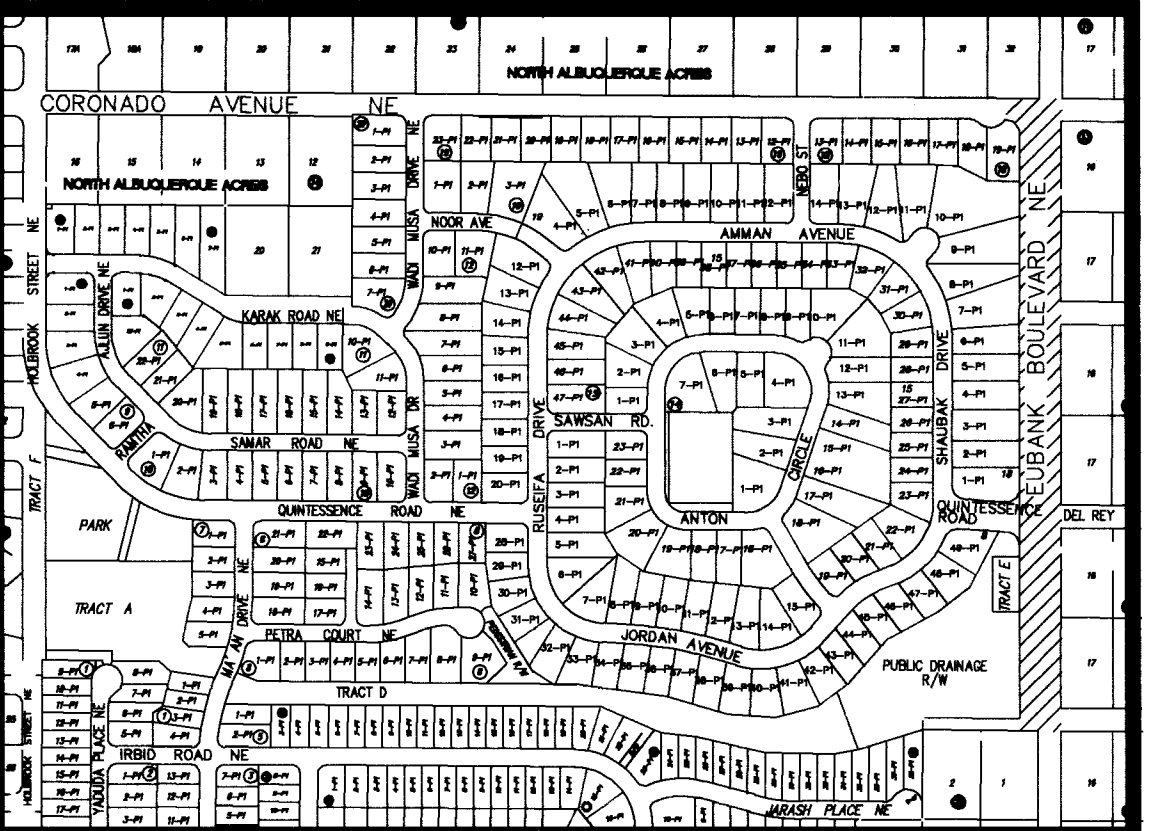
THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN 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 ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH (BLUE STAKES) PROCEDURES, OR OTHERWISE. THE SAFETY OF THE CONSTRUCTION SITE IS SOLELY THE CONTRACTOR'S RESPONSIBILITY.

1 2 3 4 5 6 7 8 9 10 11 12 13 14
26 5206 9759 8021

APPROVAL OF AS BUILT DRAWINGS
CHIEF-CONSTRUCTION ENGINEER
Elly A. Blathrow, Jr.
DATE 6-11-98



13. Any work occurring within an arterial roadway requires 24 hour construction.



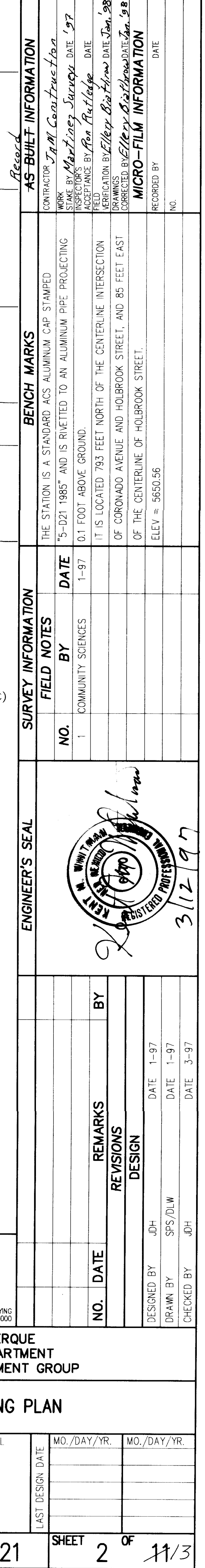
SCALE: 1"= 500 ± VICINITY MAP D-21-Z

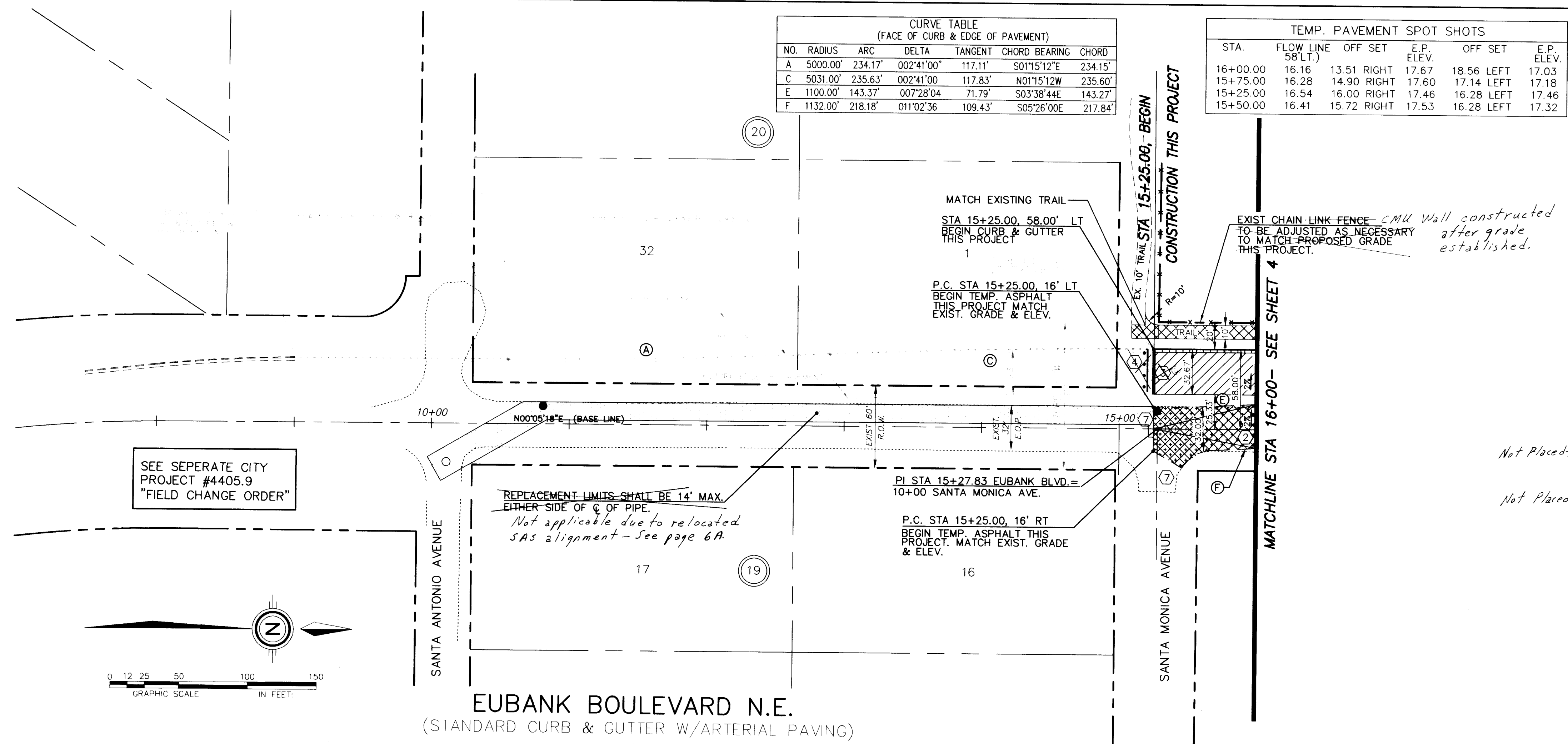
- GENERAL NOTES:
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED WITH UPDATE NO. 6.
 - TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
 - THE CONTRACTOR SHALL FURNISH EMD'S ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
 - CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN 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 GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 - RESTRAINED JOINTS ARE REQUIRED AT ALL WATER LINE BENDS, TEES, CAPS AND GATE VALVES.
 - THE PUBLIC WATER LINE MUST BE A MINIMUM OF 18" ABOVE THE SEWER LINE AT ALL CROSSINGS.
 - THE CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO NEEDING SHUT-OFF OR TURN-ON OF VALVES. ONLY CITY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVE.
 - 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 BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
 - ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS INDICATED BY THIS PLAN SET. ALL NEW STRIPING SHALL BE PLASTIC AS PER CITY STANDARDS.
 - THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED TRAFFIC CONTROL PLAN FOR EACH PHASE OF THE PROPOSED CONSTRUCTION.
 - ALL HANDICAP RAMPS WILL MEET ADA STANDARDS.

DATE: FEBRUARY, 1997
SCALE: AS SHOWN
DESIGNED: JDH
DRAWN: SPS
JOB NO.: 32311
LAND PLANNING: P.O. Box 1328 Corrales, N.M. 87048
ENGINEERING: (505)897-0000
SURVEYING: (505)897-0000

ENGINEER'S SEAL	APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION
	DRC CHAIRMAN	<i>Elly A. Blathrow, Jr.</i>	4-29-97	
	TRANSPORTATION	<i>R.W. Kane</i>	3-23-97	
	WATER/WASTEWATER	<i>R.W. Kane</i>	3-23-97	
	HYDROLOGY	<i>R.W. Kane</i>	3-23-97	
	GIP	<i>R.W. Kane</i>	3-23-97	
	CONSTR. MNGMT.			
	PROJECT NO.	5206.95		SHEET 1 OF 11/13

SCANNED BY
BY LASON

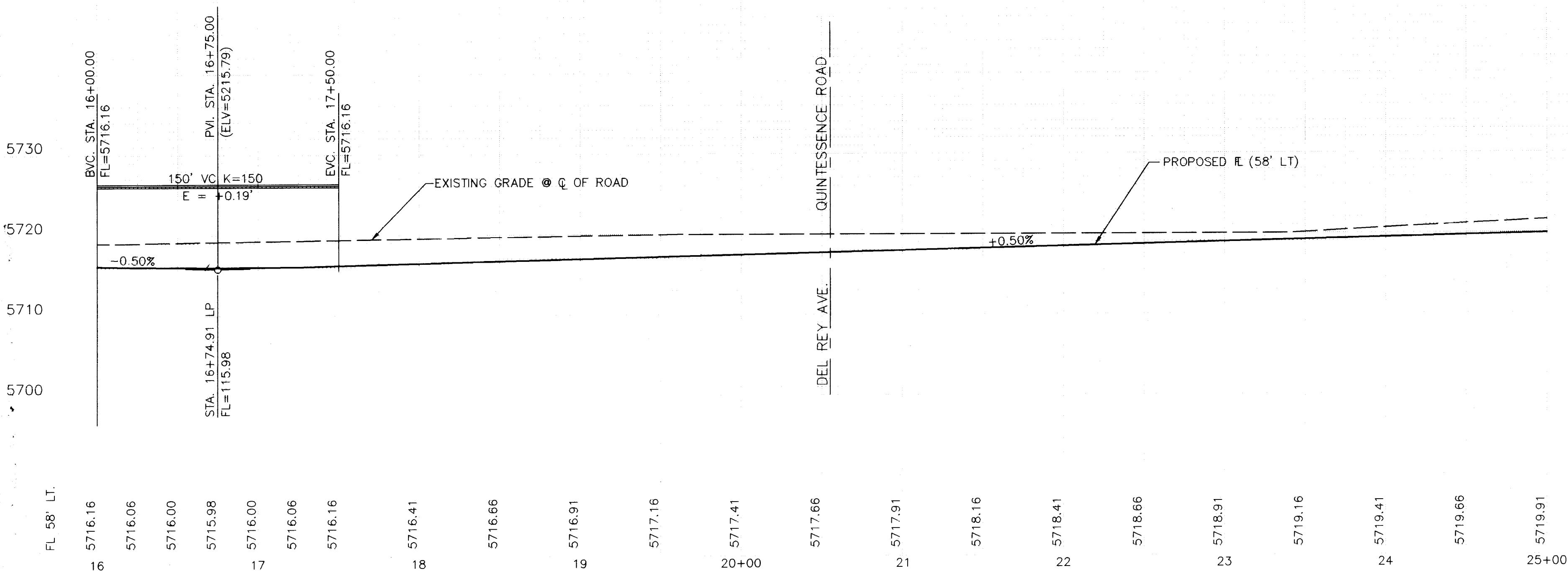




ENGINEER'S RECORD DRAWING CERTIFICATE

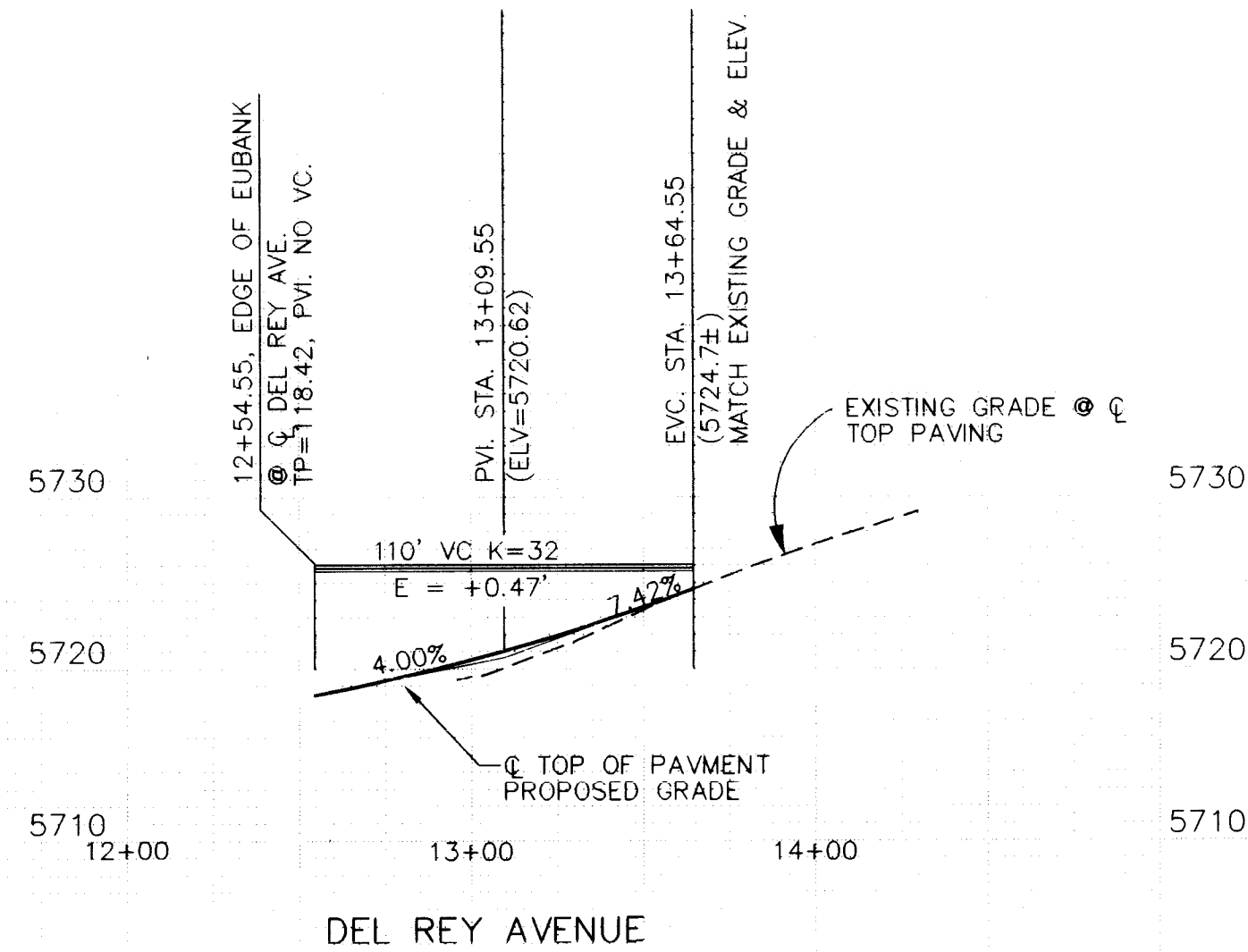
I, the undersigned engineer, a duly qualified Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that the Record Drawing information shown on these drawings was obtained from field construction and post-construction information obtained by me or under my direct supervision, that the Record Drawing information shown on these drawings was added by me or under my direct supervision, and that this Record Drawing information is true and correct to the best of my knowledge and belief. Responsibility for the design concepts, design engineering and calculations, or intent of the Record Drawings resides with others.

Elery A. Blathrow, Jr. 04-24-98
Elery A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070



TEMPORARY PAVEMENT SPOT SHOTS					
STA.	FL (58' LT.)	OFF SET	E.P. ELEV.	OFF SET	E.P. ELEV.
19+00	116.91	24.07 LEFT	117.67	25.33 LEFT	117.64
19+25	17.03	24.99 LEFT	17.77	25.33 LEFT	17.76
18+75	16.78	22.59 LEFT	17.57	25.33 LEFT	17.51
18+50	16.66	20.54 LEFT	17.48	25.33 LEFT	17.39
18+25	16.53	17.91 LEFT	17.41	25.33 LEFT	17.26
18+00	16.41	14.70 LEFT	17.35	25.33 LEFT	17.14
17+75	16.28	10.91 LEFT	17.30	25.33 LEFT	17.01
17+50	16.16	6.52 LEFT	17.26	25.33 LEFT	16.89
17+25	16.06	1.81 LEFT	17.26	25.33 LEFT	16.79
17+00	16.00	2.39 RIGHT	17.29	25.33 LEFT	16.73
16+75	15.98	6.02 RIGHT	17.34	25.33 LEFT	16.71
16+50	16.00	9.08 RIGHT	17.42	23.13 LEFT	16.78
16+25	16.06	11.57 RIGHT	17.53	20.56 LEFT	16.89
16+00	16.16	13.51 RIGHT	17.67	18.56 LEFT	17.03
15+75	16.28	14.90 RIGHT	17.60	17.14 LEFT	17.18
15+50	16.41	15.72 RIGHT	17.53	16.28 LEFT	17.32

CURVE TABLE (FACE OF CURB & EDGE OF PAVEMENT)					
NO.	RADIUS	ARC	DELTA	TANGENT	CHORD BRG
E	1100.00'	143.37'	007°28'04"	71.79'	S03°38'44"E 143.27'
F	1132.00'	218.18'	011°02'36"	109.43'	S05°26'00"E 217.84'
G	1100.00'	212.01'	011°02'36"	106.34'	N05°26'00"W 211.69'
H	30.00'	47.08'	089°54'25"	29.95'	N45°02'30"E 42.39'
I	30.00'	46.85'	089°29'10"	29.73'	N44°39'17"W 42.24'
J	30.00'	47.22'	090°11'21"	30.10'	N45°10'59"E 42.50'
K	30.00'	47.02'	089°48'39"	29.90'	N44°49'01"W 42.36'
L	1132.00'	29.04'	001°28'12"	14.52'	N10°04'48"E 29.04'
M	1100.00'	60.91'	003°10'22"	30.46'	S09°13'42"W 60.91'
N	1100.00'	212.01'	011°02'36"	106.34'	N05°36'36"E 211.69'
O	1132.00'	80.00'	004°02'57"	40.02'	S09°06'25"W 79.98'
P	30.00'	43.73'	083°31'22"	26.79'	N48°50'38"E 39.96'
Q	30.00'	48.83'	093°16'00"	31.76'	N44°11'39"W 43.62'
R	30.00'	50.81'	097°02'13"	33.93'	S40°52'35"E 44.95'
S	30.00'	45.15'	086°13'58"	28.09'	S45°46'24"W 41.01'
T	1100.00'	49.32'	002°34'07"	24.66'	S01°22'22"W 49.31'
U	1132.00'	46.44'	002°21'03"	23.23'	S01°15'49"W 46.44'



KEY NOTES:

- 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
- 100' CROWN TRANSITION PER C.O.A. STD. DWG. 2422 (HIGHER SPEED ROADWAY)
- CUT OFF WALL, FULL STREET WIDTH, 24" DEEP x 8" THICK PER C.O.A. STD. DWG. 2415
- PROPOSED TYPE III, BARRICADE
- EXISTING 4' SIDEWALK
- EXISTING WHEELCHAIR RAMP
- SAWCUT AND REMOVE EXISTING PAVEMENT

LEGEND

- FL=74.11 PROPOSED CURB FLOWLINE ELEV.
- 73.6 EXISTING SPOT ELEV. (GRND & TC)
- ===== EXISTING CURB & GUTTER
- PROPOSED STANDARD C & G
- FLOW ARROW
- (1) CROWN TRANSITION
- EXISTING EDGE OF PAVEMENT
- EXISTING STREET LIGHTS
- EXISTING FENCE LINE
- TEMPORARY PAVEMENT & BIKE TRAIL
- ARTERIAL PAVEMENT
- REMOVE & DISPOSE PAVEMENT

DATE:
SCALE:
HORIZ: 1" = 50'
VERT: 1" = 10'
JOB NO: 32311

community sciences corporation

LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87004 (505) 897-0000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EUBANK BOULEVARD N.E.
PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE
APPROVE
12/3/1997

CITY ENGINEER APPROVAL

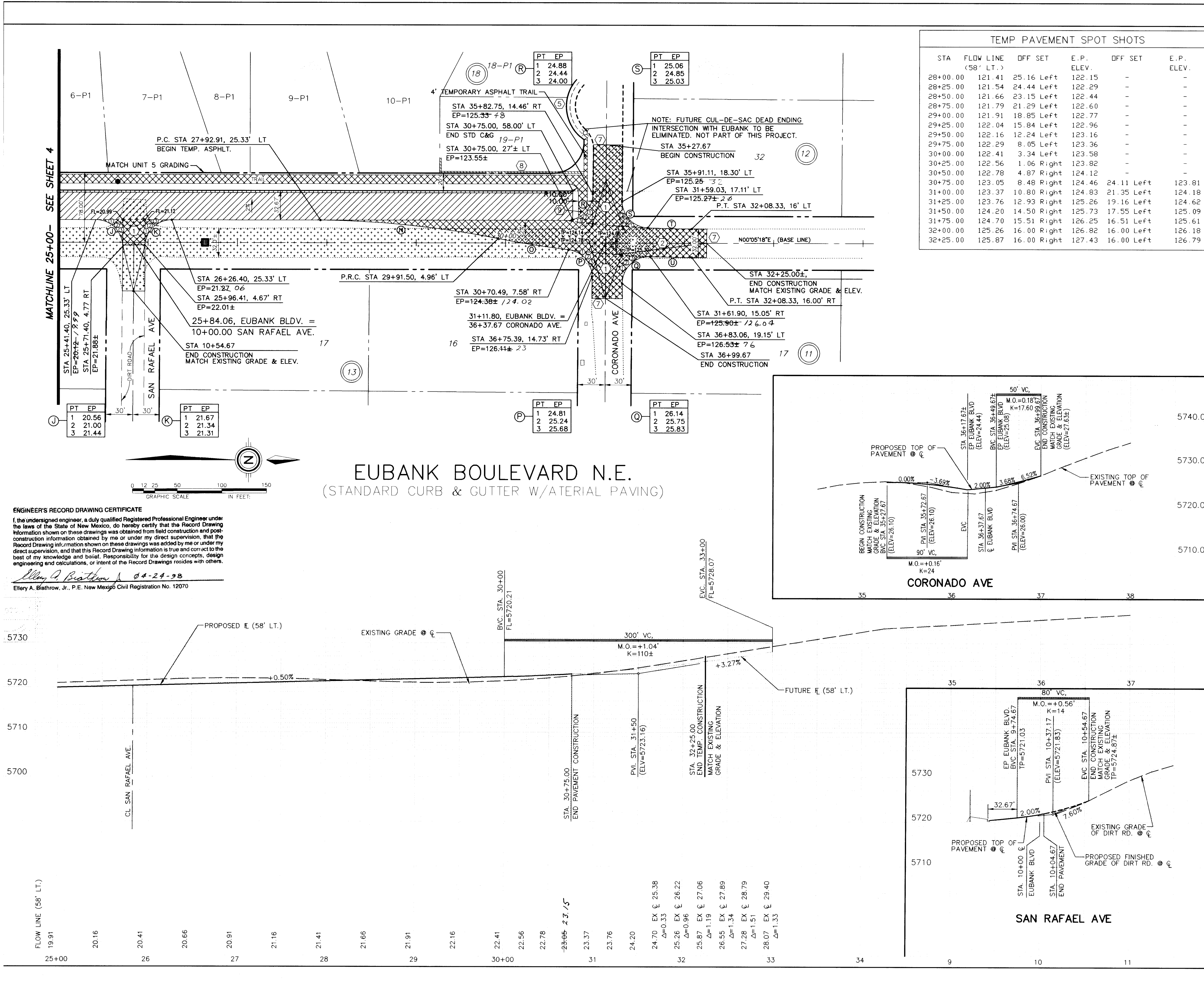
MO./DAY/YR.
MO./DAY/YR.

PROJECT NO. 5206.95

MAP NO. D-21

SHEET 4 OF 11/3

SCANNED BY
BY LASON



TEMP PAVEMENT SPOT SHOTS					
STA	FLOW LINE (58' LT.)	OFF SET	E.P. ELEV.	OFF SET	E.P. ELEV.
28+00.00	121.41	25.16 Left	122.15	-	-
28+25.00	121.54	24.44 Left	122.29	-	-
28+50.00	121.66	23.15 Left	122.44	-	-
28+75.00	121.79	21.29 Left	122.60	-	-
29+00.00	121.91	18.85 Left	122.77	-	-
29+25.00	122.04	15.84 Left	122.96	-	-
29+50.00	122.16	12.24 Left	123.16	-	-
29+75.00	122.29	8.05 Left	123.36	-	-
30+00.00	122.41	3.34 Left	123.58	-	-
30+25.00	122.56	1.06 Right	123.82	-	-
30+50.00	122.78	4.87 Right	124.12	-	-
30+75.00	123.05	8.48 Right	124.46	24.11 Left	123.81
31+00.00	123.37	10.80 Right	124.83	21.35 Left	124.18
31+25.00	123.76	12.93 Right	125.26	19.16 Left	124.62
31+50.00	124.20	14.50 Right	125.73	17.55 Left	125.09
31+75.00	124.70	15.51 Right	126.25	16.51 Left	125.61
32+00.00	125.26	16.00 Right	126.82	16.00 Left	126.18
32+25.00	125.87	16.00 Right	127.43	16.00 Left	126.79

LEGEND

FL=74.11

73.6

EXISTING CURB & GUTTER

PROPOSED STANDARD C & G

FUTURE STANDARD CURB & GUTTER

EXISTING EDGE OF PAVEMENT

FLOW ARROW

CROWN TRANSITION

TEMPORARY PAVEMENT & BIKE TRAIL

ARTERIAL PAVEMENT

REMOVE & DISPOSE PAVEMENT

EXIST. TEMP. ASPHALT CURB

EXIST. RETAINING/PRIVACY WALL

EXIST. STREET LIGHT

- KEY NOTES:
- 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401

100' CROWN TRANSITION PER C.O.A. STD. DWG. 2422 W/O VALLEY GUTTER. (HIGHER SPEED ROADWAY)

CUT OFF WALL FULL STREET WIDTH, 24" DEEP x 8" THICK PER C.O.A. STD. DWG. 2415

PROPOSED TYPE III, BARRICADE

EXISTING 4' SIDEWALK

EXISTING WHEELCHAIR RAMP

SAWCUT AND REMOVE EXISTING PAVEMENT

EXISTING RETAINING/PRIVACY WALL

ASPHALT HC RAMP, MATCH TEMPORARY PAVEMENT AT RETURN. (2% MAX. SLOPE WITHIN 10' OF STREET)

CURVE TABLE					
(FACE OF CURB & EDGE OF PAVEMENT)					
NO.	Radius	Arc	Delta	Tangent	Chord BRG
J	30.00'	47.22'	090°11'21"	30.10'	N45°10'59E 42.50'
K	30.00'	47.02'	089°48'39"	29.90'	N44°49'01W 42.36'
N	1100.00'	212.01'	011°02'36"	106.34'	N05°36'36E 211.69'
O	1132.00'	80.00'	004°02'57"	40.02'	S09°06'25W 79.98'
P	30.00'	43.73'	083°31'22"	26.79'	N48°50'38E 39.96'
Q	30.00'	48.83'	093°16'00"	31.76'	N44°11'39W 43.62'
R	30.00'	39.46'	075°21'30"	23.17'	S51°42'56E 36.67'
S	30.00'	45.15'	086°13'58"	28.09'	S45°46'24W 41.01'
T	1100.00'	49.32'	002°34'07"	24.66'	S01°22'22W 49.31'
U	1132.00'	46.44'	002°21'03"	23.23'	S01°15'49W 46.44'

DATE: FEB. 1997

SCALE: HORIZ: 1" = 50'

VERT: 1" = 10'

community sciences corporation

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EUBANK BOULEVARD N.E.
PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

DESIGNED BY: J.D.H.

DRAWN BY: SPS/DER

CHECKED BY: J.D.H.

DATE: 2/97

DATE: 2/97

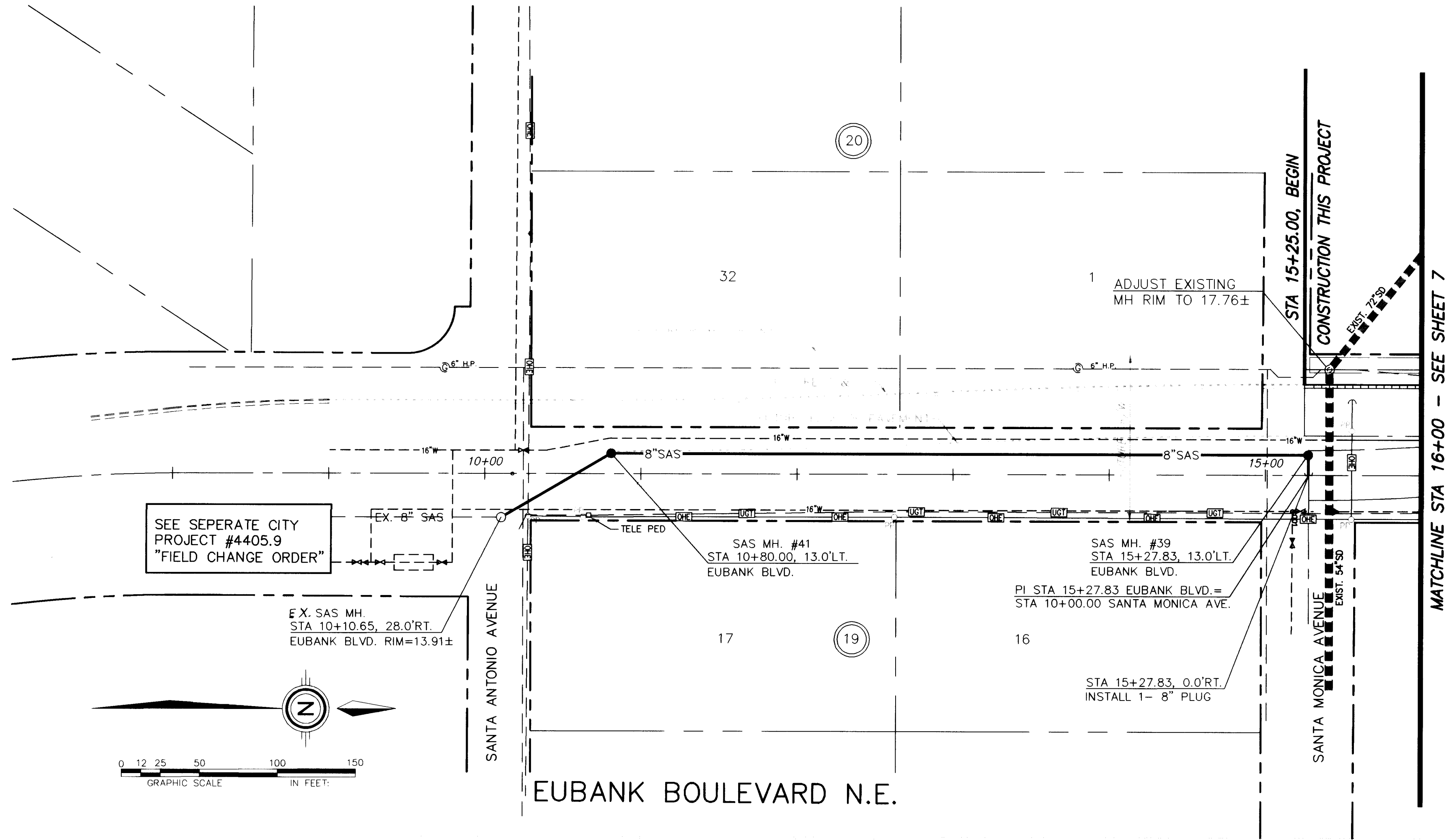
DATE: 3/97

PROJECT NO.		MAP NO.		SHEET	
5206.95		D-21		5 OF 11	

ENGINEER'S RECORD DRAWING CERTIFICATE

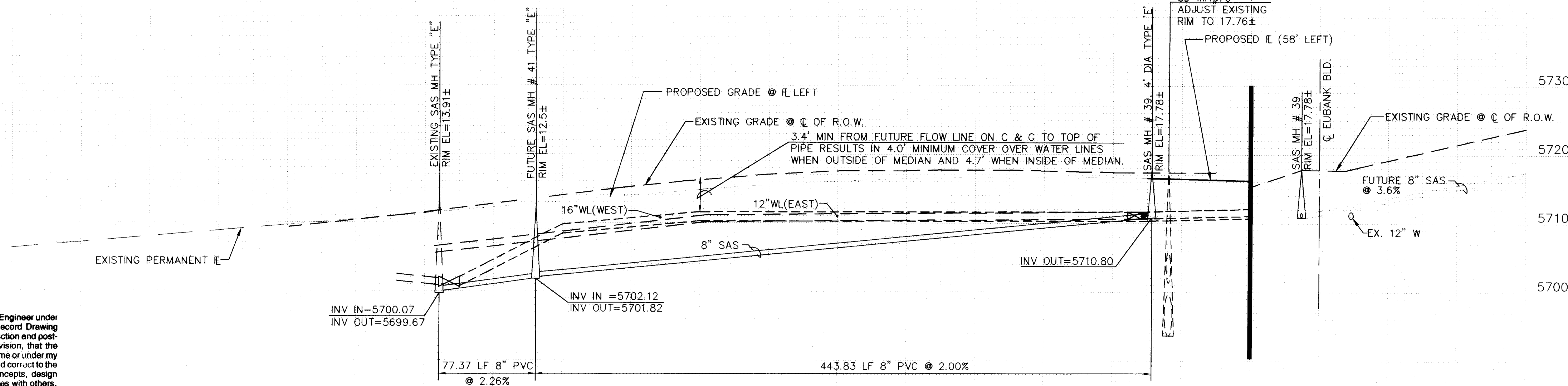
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Elly A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070



UTILITY LEGEND		
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	8"SAS	8"SAS
SANITARY SEWER MH	●	○
SAS SERVICE CONN.	—S—	—S—
STORM DRAIN LINE	—SD—	—SD—
STORM DRAIN MH	●	○
STORM DRAIN INLETS	—	—
WATER LINE	W-6"	W-6"
GATE VALVE	—	—
TEES	—	—
CROSSES	—	—
CAPS & PLUGS	—	—
GAS LINES	N/A	—G—
OVERHEAD ELEC. LINE	N/A	—E—
UNDERGROUND ELEC.	N/A	—E—
OVERHEAD TELE.	N/A	—T—
UNDERGROUND TELE.	N/A	—T—
CABLE TELEVISION	N/A	—CT—
POWER OR TELE. POLE	N/A	—

BENCH MARKS		AS-BUILT INFORMATION	
THE STATION IS A STANDARD 405 ALUMINUM CAP STAMPED "5-D21 1985" AND IS RIVETED TO AN ALUMINUM PIPE PROJECTING 0.1 FOOT ABOVE GROUND.		CONTRACTOR: J.M. Construction	
NO.	DATE	STATE	DATE
1	2/97	INSPECTOR'S: J. Martinez	DATE: 2/97
COMMUNITY SCIENCES		APPROVED BY: J. Martinez	
OF CORONADO AVENUE AND HOLBROOK STREET, AND 85 FEET EAST OF THE CENTERLINE OF HOLBROOK STREET		CORRECTED BY: J. Martinez	
ELEV = 5550.56		RECORDED BY: J. Martinez	
		DATE	

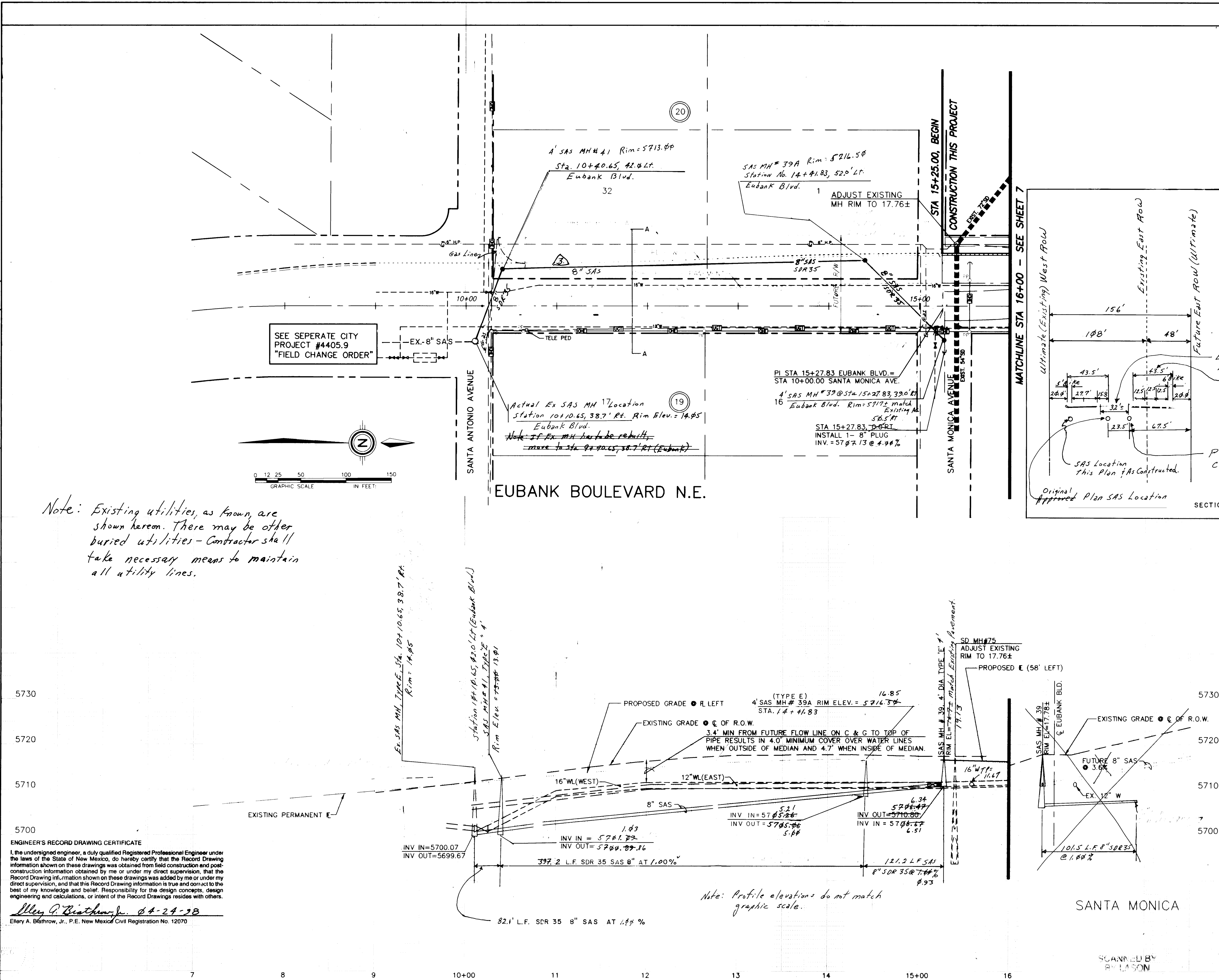


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See Sheet No. 6A
Elly A. Biathrow, Jr., P.E. New Mexico Civil Registration No. 12070

This Sheet
Voided.

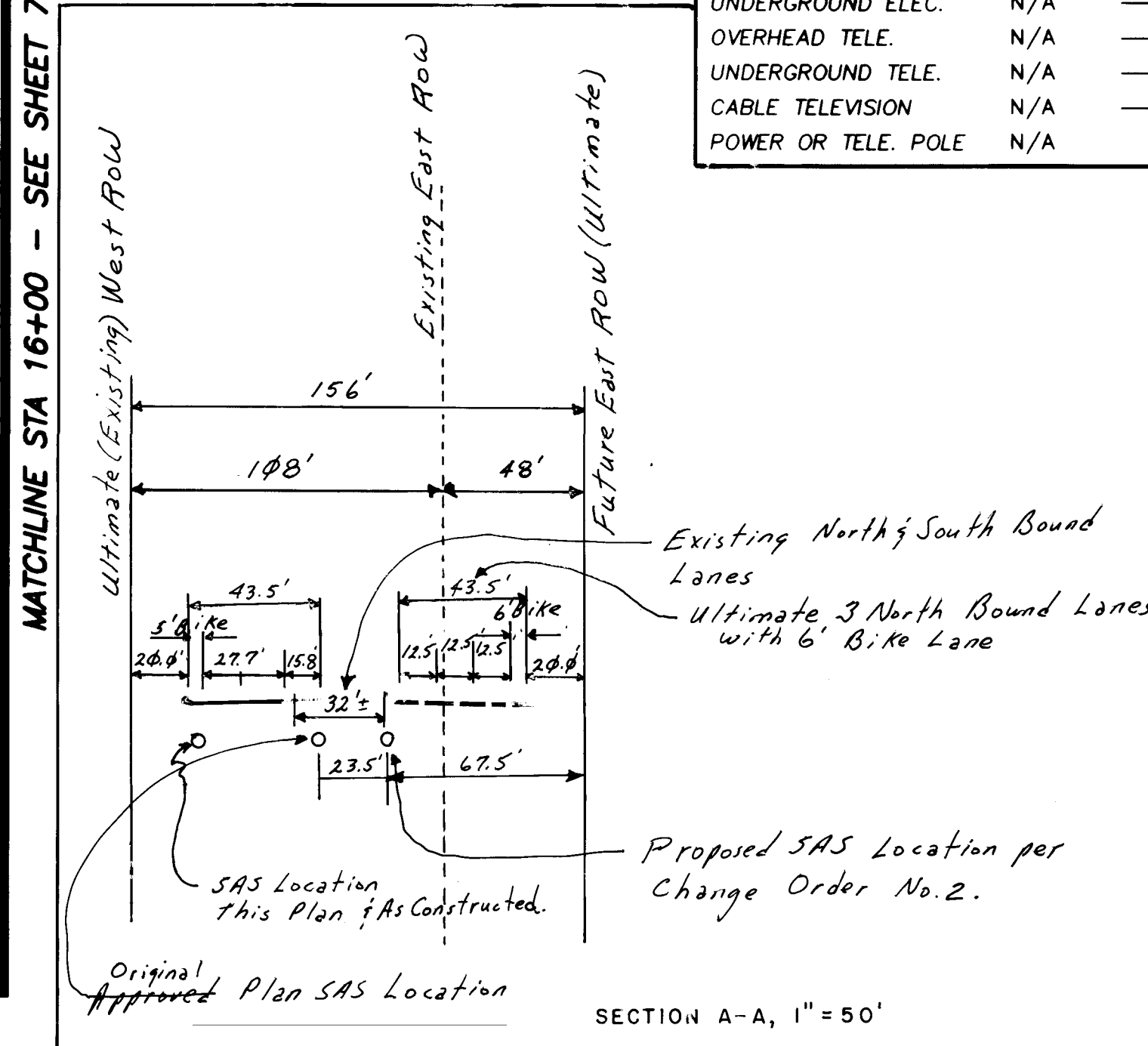
DATE: FEB. 1997	community sciences corporation
SCALE: HORIZ: 1" = 50'	
VERT: 1" = 10'	
JOB NO.: 32311	
LAND PLANNING	ENGINEERING
100 Sta 1228	Corrales, N.M. 87048 (505)897-0000

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: EUBANK BOULEVARD N.E. UTILITY PLAN & PROFILE			
DESIGN/DEVELOPMENT COMMITTEE APPROVE FEB 23 1997	CITY ENGINEER APPROVAL		MO./DAY/YR.
	LAST DESIGN DATE		MO./DAY/YR.
PROJECT NO. 5206.95	MAP NO. D-21	SHEET 6 OF 11/13	



Note: Existing utilities, as known, are shown hereon. There may be other buried utilities - Contractor shall take necessary means to maintain all utility lines.

UTILITY LEGEND		
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	8" SAS	8" SAS
SANITARY SEWER MH	●	○
SAS SERVICE CONN.	—	—
STORM DRAIN LINE	—	—
STORM DRAIN MH	●	○
STORM DRAIN INLETS	—	—
WATER LINE	W-6"	W-6"
GATE VALVE	—	—
TEES	—	—
CROSSES	—	—
CAPS & PLUGS	—	—
GAS LINES	N/A	N/A
OVERHEAD ELEC. LINE	N/A	N/A
UNDERGROUND ELEC.	N/A	N/A
OVERHEAD TELE.	N/A	N/A
UNDERGROUND TELE.	N/A	N/A
CABLE TELEVISION	N/A	N/A
POWER OR TELE. POLE	N/A	N/A



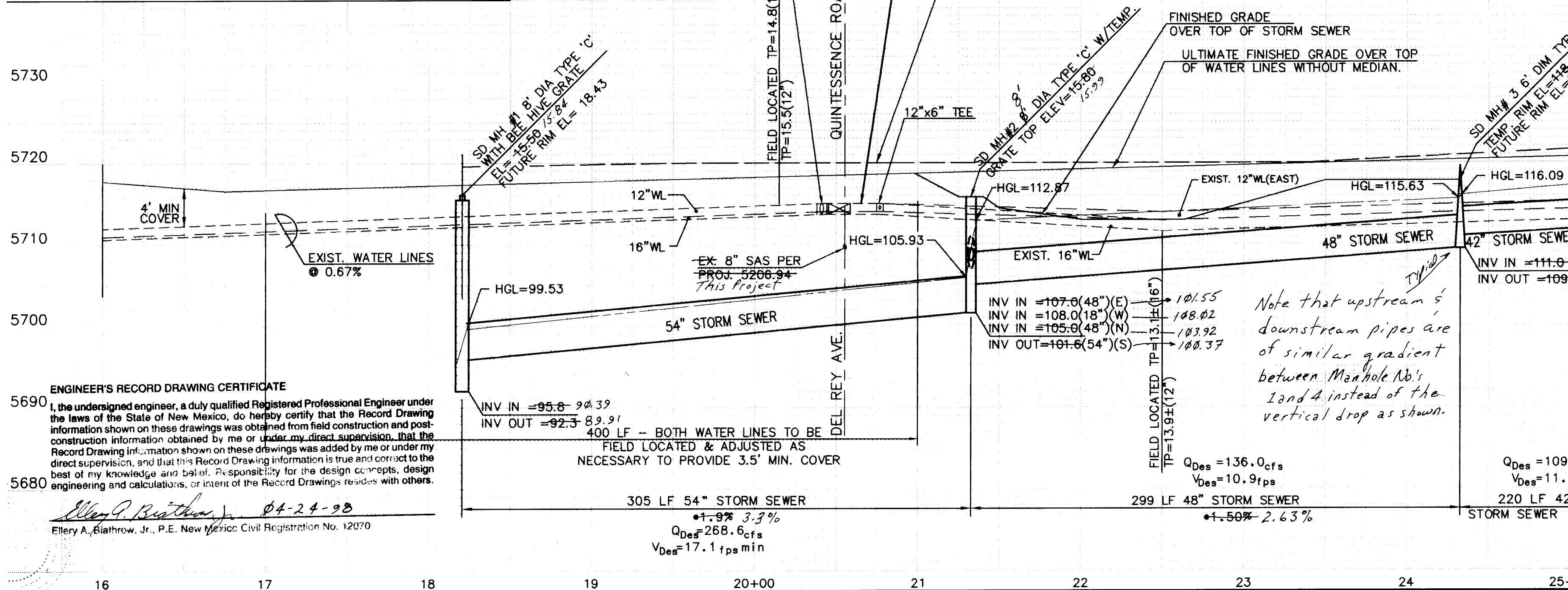
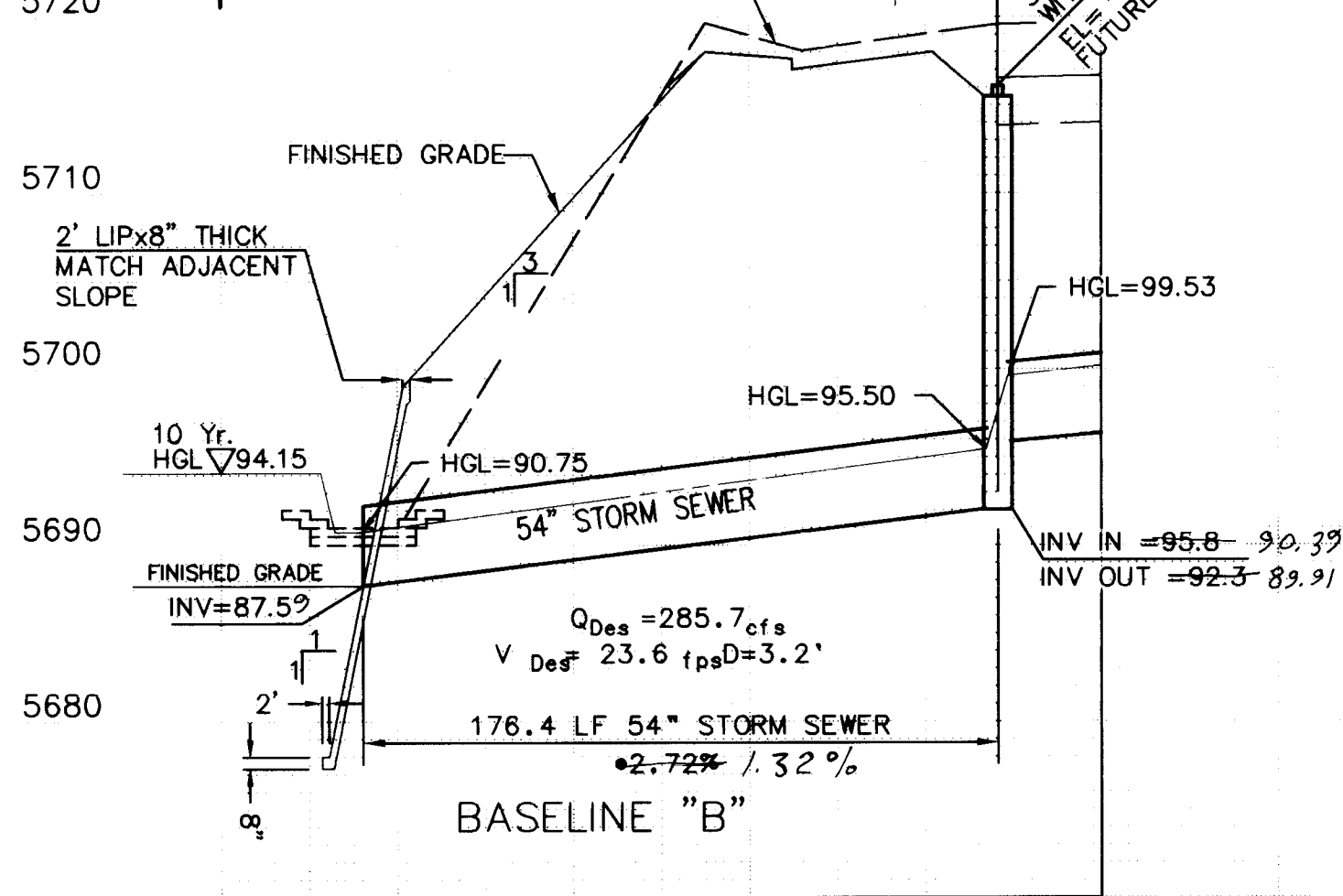
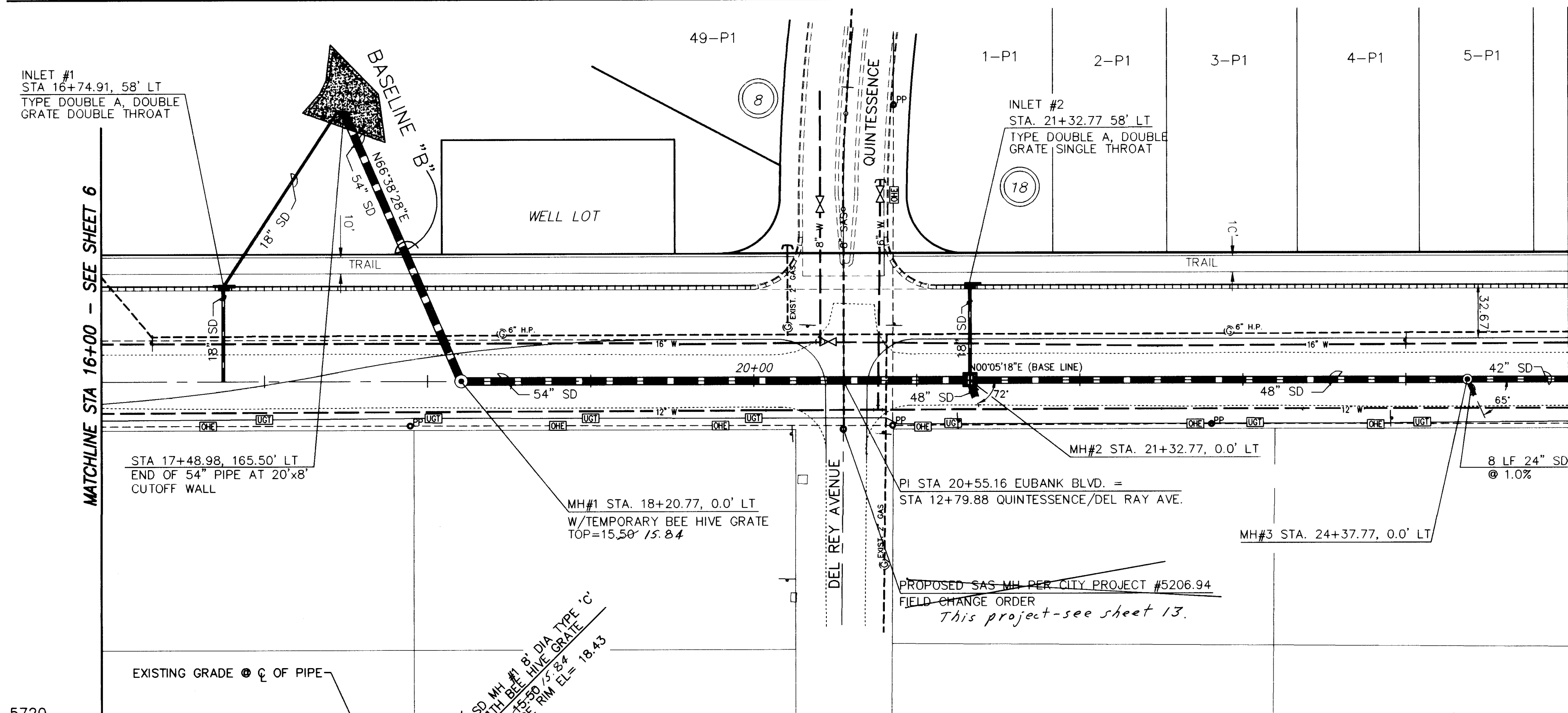
ENGINEER'S RECORD DRAWING CERTIFICATE

I, the undersigned engineer, a duly qualified Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that the Record Drawing information shown on these drawings was obtained from field construction and post-construction information obtained by me or under my direct supervision, that the Record Drawing information shown on these drawings was added by me or under my direct supervision, and that this Record Drawing information is true and correct to the best of my knowledge and belief. Responsibility for the design concepts, design engineering and calculations, or intent of the Record Drawings resides with others.

Elery A. Blathrow, Jr. 04-24-98
Elery A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070

DATE: FEB. 1997
SCALE: HORIZ: 1"= 50'
VERT: 1"= 10'
JOB NO.: 32311
LAND PLANNING: P.O. Box 1328 Corrales, N.M. 87048 (505) 897-0000
ENGINEERING: P.O. Box 1328 Corrales, N.M. 87048 (505) 897-0000
SURVEYING: P.O. Box 1328 Corrales, N.M. 87048 (505) 897-0000

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: EUBANK BOULEVARD N.E. UTILITY PLAN & PROFILE			
DESIGNED BY: J.D.H.	DATE: 2/97	CHECKED BY: J.D.H.	DATE: 3/97
DRAWN BY: SPS/CWR	DATE: 2/97	REVIEWED BY: J.D.H.	DATE: 3/97
PROJECT NO. 5206.95			
MAP NO. D-21			
SHEET 6A OF 11			



ENGINEER'S RECORD DRAWING CERTIFICATE
I, the undersigned engineer, a duly qualified Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that the Record Drawing information shown on these drawings was obtained from field construction and post-construction information obtained by me or under my direct supervision, that the Record Drawing information shown on these drawings was added by me or under my direct supervision, and that this Record Drawing information is true and correct to the best of my knowledge and belief. Responsibility for the design concepts, design engineering and calculations, or intent of the Record Drawings resides with others.

Elery A. Blathrow, Jr. 04-24-98
Elery A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070

MATCHLINE STA 25+00 - SEE SHEET 8

UTILITY LEGEND		
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	8" SAS	8" SAS
SANITARY SEWER MH		
STORM DRAIN LINE		
STORM DRAIN MH		
STORM DRAIN INLETS		
WATER LINE	W-6"	W-6"
GATE VALVE		
TEES		
CROSSES		
CAPS & PLUGS		
GAS LINES	N/A	2" H.P.
OVERHEAD ELEC. LINE	N/A	
UNDERGROUND ELEC.	N/A	
OVERHEAD TELE.	N/A	
UNDERGROUND TELE.	N/A	
CABLE TELEVISION	N/A	
POWER OR TELE. POLE	N/A	
HYDROLOGIC GRADE LINE		

THE STATION IS A STANDARD ACS ALUMINUM CAP STAMPED "5-D21 1985" AND IS RIVETED TO AN ALUMINUM PIPE PROJECTING 0.1 FOOT ABOVE GROUND.
IT IS LOCATED 793 FEET NORTH OF THE CENTERLINE INTERSECTION OF CORONADO AVENUE AND HOLBROOK STREET, AND 85 FEET EAST OF THE CENTERLINE OF HOLBROOK STREET.
ELEV = 5650.56

SURVEY INFORMATION		BENCH MARKS	
NO.	DATE	BY	DATE
1	FEB 1997	COMMUNITY SCIENCES	

ENGINEER'S SEAL
KENT A. WHITMAN
REGISTERED PROFESSIONAL ENGINEER
3/12/97

REVISIONS		REMARKS	
NO.	DATE	BY	DATE

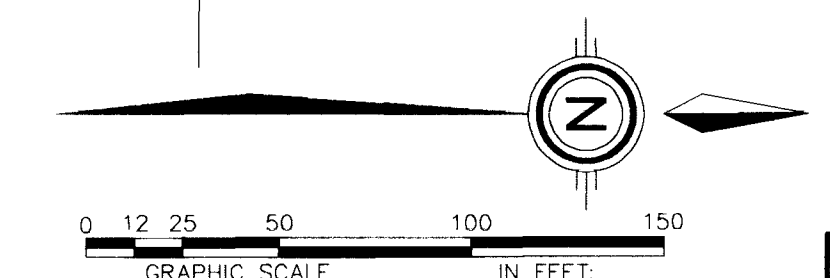
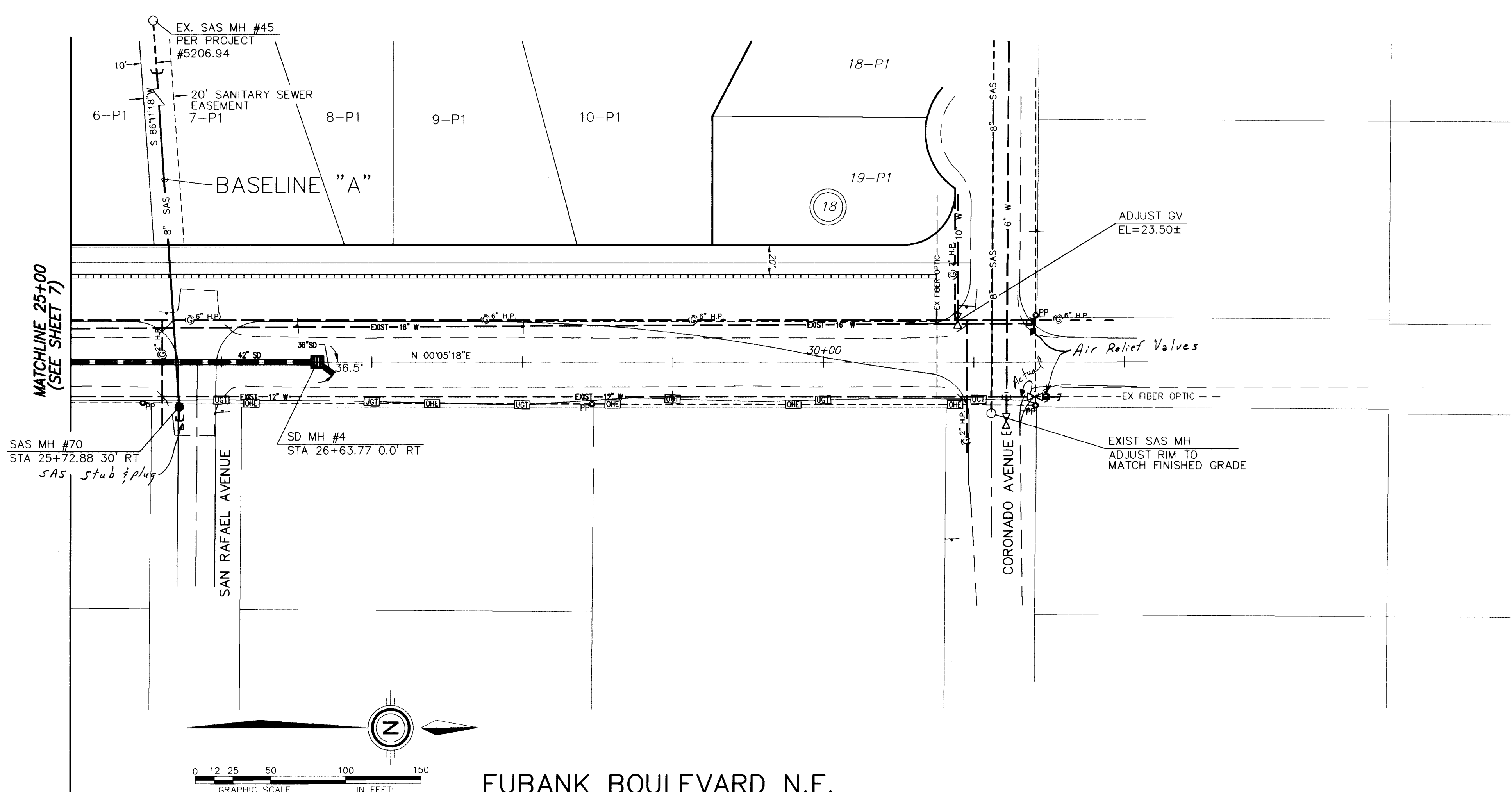
community sciences corporation
LAND PLANNING P.O. Box 1328 Corrales, N.M. 87048
ENGINEERING (505)897-0000
SURVEYING (505)897-0000

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP**

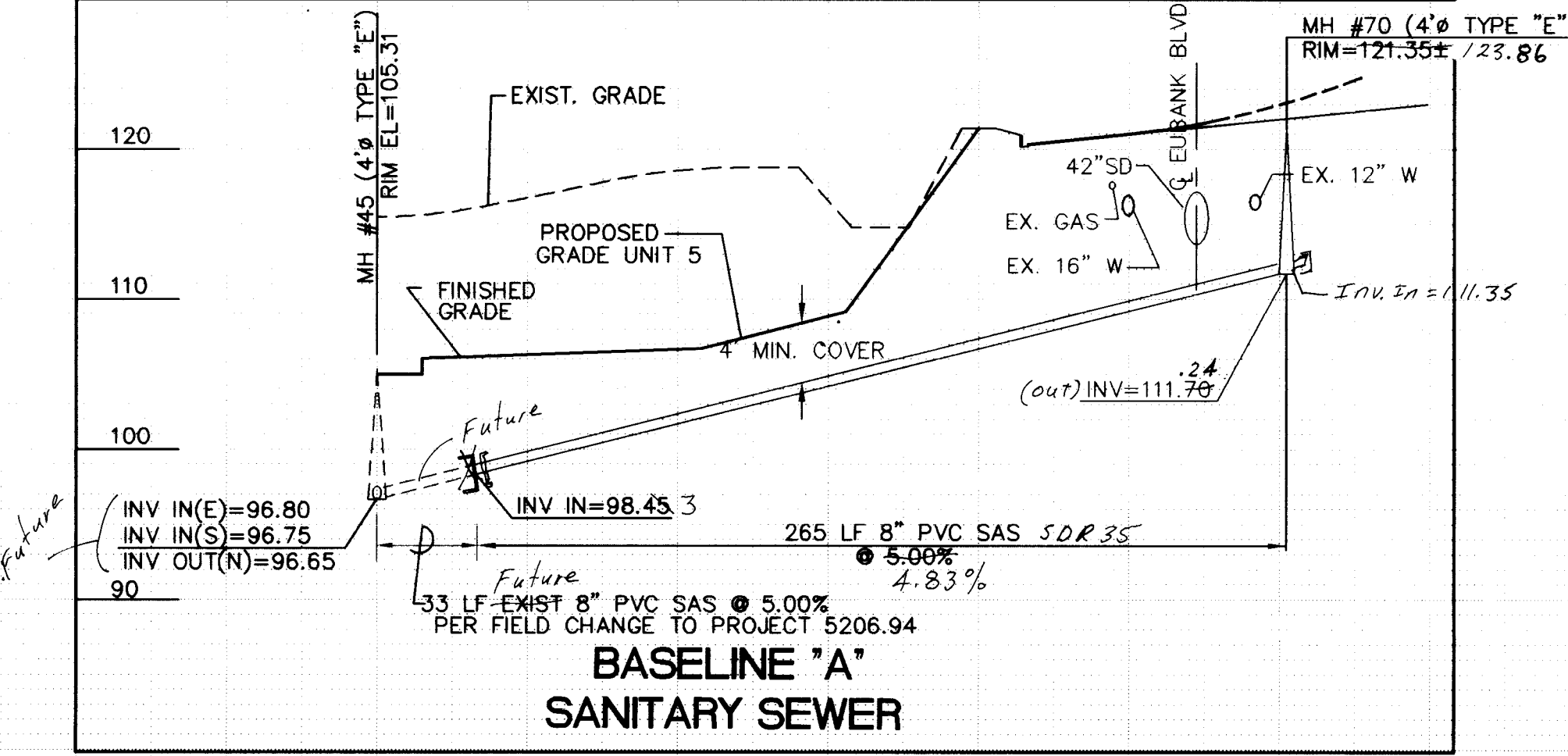
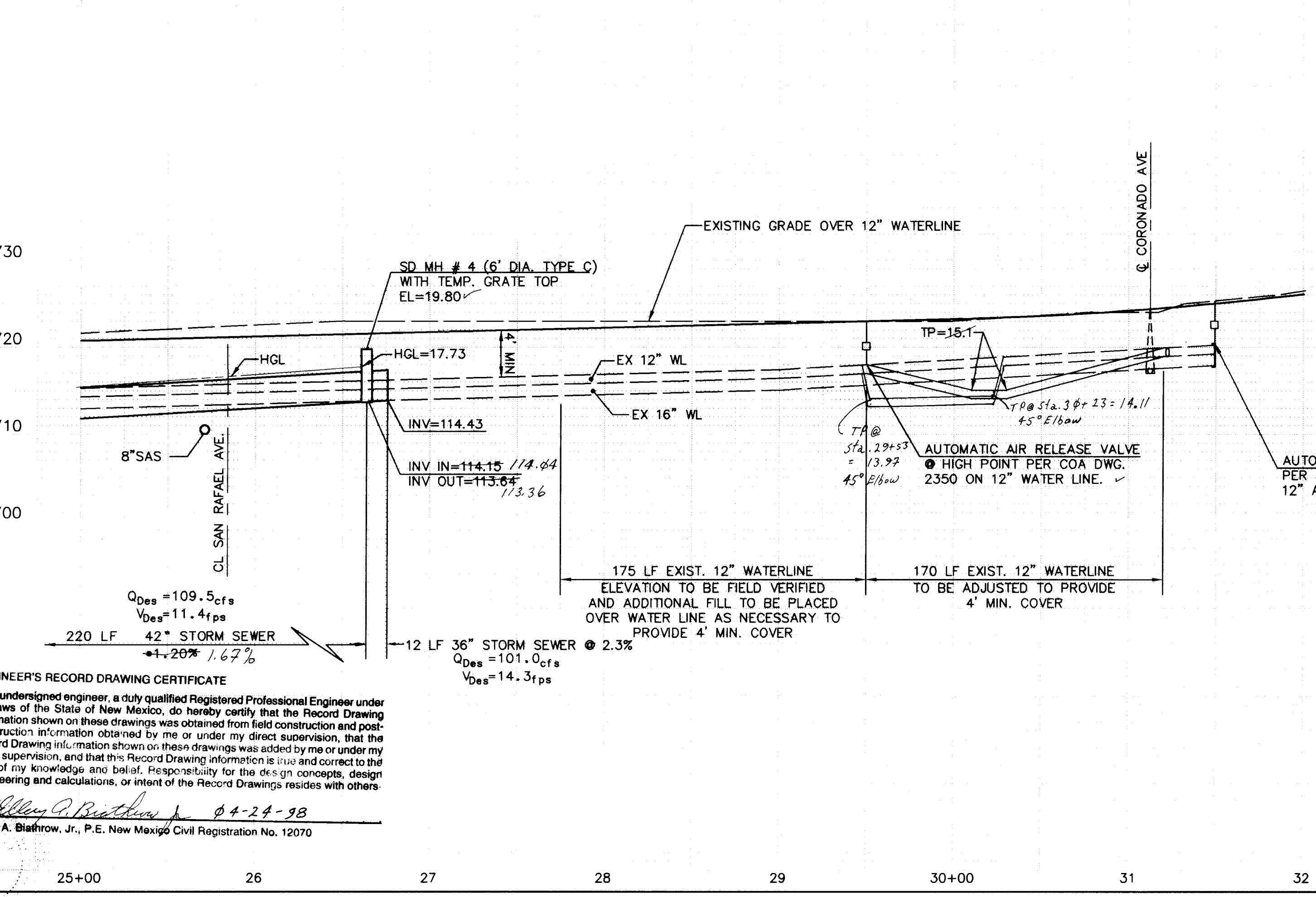
**TITLE: EUBANK BOULEVARD N.E.
UTILITY PLAN & PROFILE**

DESIGN REVIEW COMMITTEE: APR 29 1997
CITY ENGINEER APPROVAL: [Signature]
LAST DESIGN DATE: [Blank]
DESIGN REVIEW COMMITTEE: [Blank]

PROJECT NO. 5206.95
MAP NO. D-21
SHEET 7 OF 11/3



EUBANK BOULEVARD N.E.



UTILITY LEGEND		
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	8" SAS	8" SAS
SANITARY SEWER MANHOLE	8" SAS	8" SAS
STORM DRAIN LINE		
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	W-6"	W-6"
GATE VALVE		
TEES		
CROSSES		
CAPS & PLUGS		
GAS LINES	N/A	2" H.P.
OVERHEAD ELECTRICAL LINE	N/A	
UNDERGROUND ELECTRICAL	N/A	
OVERHEAD TELEPHONE	N/A	
UNDERGROUND TELEPHONE	N/A	
CABLE TELEVISION	N/A	
POWER OR TELEPHONE POLE	N/A	
EXISTING FIBER OPTIC	N/A	

BENCH MARKS		AS-BUILT INFORMATION	
CONTRACTOR	J.M. Construction	WORK	MAINTENANCE SURVEY
DATE	FEB. 1997	DATE	FEB. 1997
BY	COMMUNITY SCIENCES	BY	COMMUNITY SCIENCES
NO.	1	NO.	1

SURVEY INFORMATION		FIELD NOTES	
DATE	FEB. 1997	DATE	FEB. 1997
BY	COMMUNITY SCIENCES	BY	COMMUNITY SCIENCES
NO.	1	NO.	1

ENGINEER'S SEAL

3/12/97

REVISIONS		BY	
NO.	DATE	NO.	DATE
1	FEB. 1997		
2	FEB. 1997		
3	MAR. 1997		

DATE: FEB. 1997
SCALE: HORIZ: 1" = 50'
VERT: 1" = 10'

community sciences corporation

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EUBANK BOULEVARD N.E.
UTILITY PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED			
DESIGN REVIEW COMMITTEE			

PROJECT NO. 5206.95
MAP NO. D-21
SHEET 8 OF 11/13

ENGINEER'S RECORD DRAWING CERTIFICATE
I, the undersigned engineer, a duly qualified Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that the Record Drawing information shown on these drawings was obtained from field construction and post-construction information obtained by me or under my direct supervision, that the construction information shown on these drawings was added by me or under my direct supervision, and that this Record Drawing information is true and correct to the best of my knowledge and belief. Responsibility for the design concepts, design engineering and calculations, or intent of the Record Drawings resides with others.

Elery A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070

SCANNED BY
BY LASON

ENGINEER'S RECORD DRAWING CERTIFICATE
I, the undersigned engineer, a duly qualified Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that the Record Drawing information shown on these drawings was obtained from field construction and post construction information obtained by me or under my direct supervision, that the Record Drawing information shown on these drawings was added by me or under my direct supervision, and that this Record Drawing information is true and correct to the best of my knowledge and belief. Responsibility for the design concepts, design engineering and calculations, or intent of the Record Drawings resides with others.

Elery A. Blathrow, Jr. 05-12-98
Elery A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070

CONSTRUCTION COORDINATE POINT TABLE							
I.D.	Y	X		I.D.	Y	X	
PT#	NORTHING	EASTING	ELEV	PT#	NORTHING	EASTING	ELEV
1	14703.51	17955.04	86.00	45	14540.08	18177.05	117.79
3	14992.97	18177.75	118.59	70	14805.44	18063.58	100.00
4	14963.37	18177.71	118.45	71	14859.22	18082.71	110.00
5	14963.73	18107.74	118.70	72	14780.41	18080.04	100.00
8	14959.67	18104.26	118.80	73	14783.87	18105.93	103.50
10	14801.30	18040.22	99.00	74	14762.40	18084.40	82.00
11	14794.89	18055.22	99.00	75	14756.65	18079.89	77.5
12	14820.87	18107.49	115.44	76	14747.91	18079.87	77.5
13	14820.76	18177.49	117.73	77	14752.06	18071.00	77.5
14	14748.70	18042.00	87.00	78	14738.94	18089.81	87.5
16	14734.10	17991.60	90.17	79	14754.16	18053.24	87.5
17	14744.94	17981.24	90.17				
24	14718.30	18177.33	117.30				
44	14626.96	18089.02	87.10				

ID	STATION	OFFSET	ELEV.
A	21+08.17	16.72	Right 18.00
B	21+09.31	17.00	Left 17.85
C	21+25.77	10.12	Right 15.80 / 5.99
D	21+25.77	10.58	Left 15.80
E	21+39.77	10.37	Left 15.80
F	21+39.77	10.12	Right 15.80
G	21+52.59	5.37	Left 14.30
H	21+54.89	4.95	Right 14.10
I	21+94.79	0.57	Left 13.00
J	21+94.79	10.00	Right 13.00
L	21+74.01	29.88	Right 13.00 / 2.79
M	21+53.23	17.00	Right 13.00
N	22+45.93	30.00	Right 17.50
O	22+00.93	30.00	Right 17.50 / 8.31
P	22+63.57	0.06	Left 13.00
Q	22+63.72	10.00	Right 13.00 / 2.66
R	22+65.93	30.00	Right 13.00 / 8.39
S	23+10.63	17.00	Left 18.86
T	23+00.00	25.33	Left 19.64
U	23+00.05	17.31	Left 18.81
V	23+00.25	5.00	Left 17.61
W	22+99.82	5.00	Right 17.61
X	23+03.72	16.43	Right 18.00

- NOTE:**
(1) CONTRACTOR IS TO MATCH EXISTING NATURAL GROUND AT R/W AND LIMIT ALL DISTURBING ACTIVITIES TO WITHIN THE RIGHT OF WAY.
(2) ALL DISTURBED AREAS ARE TO BE REVEGETATED WITH "NATIVE SEED" PER COA SECTION 1012.
(3) EXISTING CONTOURS ARE SHOWN HEREON 0.8' HIGHER THAN ACTUAL GROUND ELEV. IN SITU CUT=4,900cy
IN PLACE COMPACTED FILL=3,000cy±
PAVEMENT REMOVE AND DISPOSAL=900cy±
THUS THE EARTHWORK QUANTITIES FOR THIS PROJECT ARE BALANCED (ASSUMING C/F=1.35)
(4) WELL LOT AND DRAINAGE RIGHT OF WAY GRADING REQUIRES AN ADDITIONAL 5400 cy± COMPACTED FILL.

- KEYED NOTES:**
① EXISTING 10' ASPHALT BIKE PATH PER COA STD. DWG. 2415
② EXISTING EQUESTRIAN TRAIL, DIRT COVERED W/CRUSHED FINES.
③ EXISTING SOIL CEMENT TO BE REMOVED THIS PROJECT.
④ 4" CONCRETE SLOPE PAVING.
⑤ 15' WIDE 6" ACCESS MAINTENANCE ROAD THIS PROJECT.
⑥ EXISTING 6" CHAIN LINK FENCE PER COA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 410 TO BE ADJUSTED THIS PROJECT. *See Note page 3*
⑦ EXISTING 4' SIDEWALK.
⑧ EXISTING VALLEY GUTTER.
⑨ SEE SHEET 11 FOR SECTION U-U.

DATE: 1/3/98
SCALE: HORIZ: 1"=30'
JOB NO.: 32308
LAND PLANNING: P.O. Box 1328 Corrales, N.M. 87048
ENGINEERING: (505) 897-0000
SURVEYING: (505) 897-0000

community sciences corporation

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EUBANK BLVD. N.E.
TEMPORARY GRADING PLANS

DESIGN REVIEW COMMITTEE: APPROVE APR 23 1998
CITY ENGINEER APPROVAL: [Signature]
DESIGN REVIEW COMMITTEE: [Signature]

PROJECT NO. 5206.95
MAP NO. D-21
SHEET 9 OF 11

LAST DESIGN DATE: [Blank]
MO./DAY/YR. [Blank]
MO./DAY/YR. [Blank]

DESIGNED BY: JCH
DRAWN BY: CWR
CHECKED BY: JCH

DATE: 2/97
DATE: 2/97
DATE: 2/97

LEGEND

- 99.0 PROPOSED SPOT ELEVATION
- 10' BIKE TRAIL & 5' EQUESTRIAN TRAIL
- PROPOSED CONCRETE
- EXISTING CURB & GUTTER
- 4973 EXISTING CONTOUR W/ INDEX ELEVATION
- PROPOSED FENCE
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- PROPOSED SOIL CEMENT
- SWALE
- FLOW ARROW
- PROPOSED SLOPE
- CONSTRUCTION COORDINATE POINT
- LIMITS OF GRADING
- GRADE BREAK
- PROPOSED GRATE

RECORD

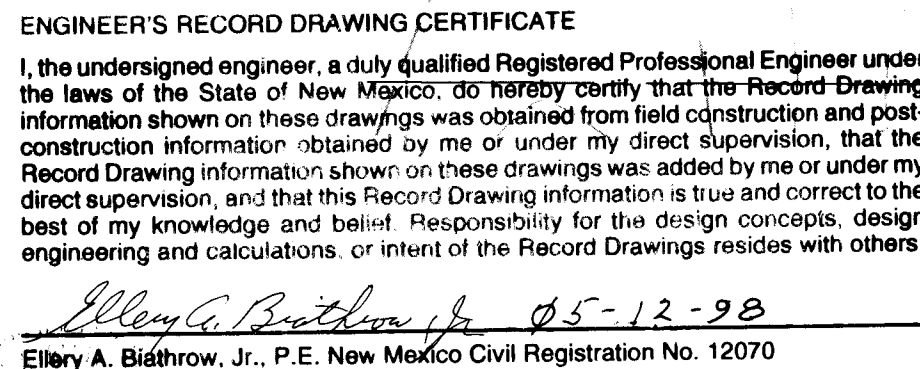
AS-BUILT INFORMATION
CONTRACTOR: JRM Construction
WORK: Eubank Blvd. Survey Date: 1/97
DESIGNED BY: Elery A. Blathrow, Jr.
ACCEPTANCE BY: Elery A. Blathrow, Jr.
DRAWN BY: Elery A. Blathrow, Jr.
CHECKED BY: Elery A. Blathrow, Jr.
DATE: 1/98

BENCH MARKS
THE STATION IS A STANDARD ACS ALUMINUM CAP STAMPED "5-D21 1985" AND IS REVEALED TO AN ALUMINUM PIPE PROJECTING 10.1 FOOT ABOVE GROUND.
IT IS LOCATED 793 FEET NORTH OF THE CENTERLINE INTERSECTION OF CORONADO AVENUE AND HOLBROOK STREET, AND 85 FEET EAST OF THE CENTERLINE OF HOLBROOK STREET.
ELEV=5650.56

SURVEY INFORMATION
FIELD NOTES
NO. 1
BY COMMUNITY SCIENCES

ENGINEER'S SEAL
[Seal of Elery A. Blathrow, Jr., P.E.]
3/12/97

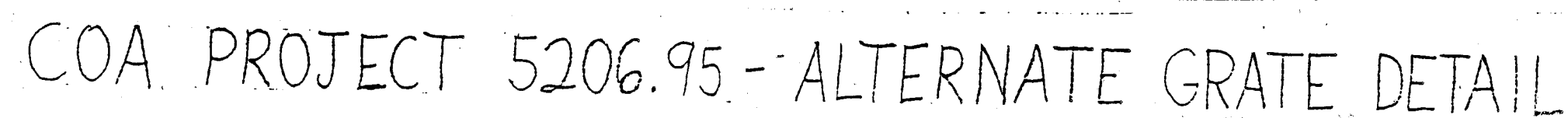
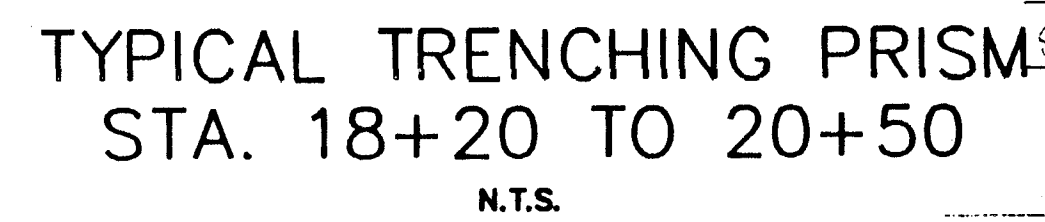
REVISIONS
NO. DATE
1. [Blank]
2. [Blank]
3. [Blank]



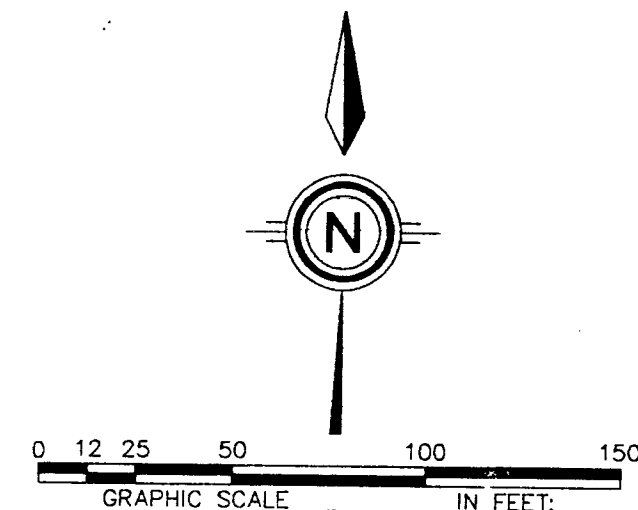
- 1.) CONTRACTOR IS TO MATCH EXISTING NATURAL GROUND AT R/W AND LIMIT ALL DISTURBING ACTIVITIES TO WITHIN THE RIGHT OF WAY.
- 2.) ALL DISTURBED AREAS ARE TO BE REVEGETATED WITH "NATIVE SEED" PER COA SECTION 1012. ✓
- 3.) EXISTING CONTOURS ARE SHOWN HEREON 0.8' HIGHER THAN ACTUAL GROUND ELEV. IN SITU CUT=4,900cy
IN PLACE COMPACTED FILL=3,000cy±
PAVEMENT REMOVE AND DISPOSAL=900cy±
THUS THE EARTHWORK QUANTITIES FOR THIS PROJECT ARE BALLANCED (ASSUMING C/F=1.35)

[illegible]

Elley A. Biathrow Jr. 04-24-98
Elley A. Biathrow, Jr. P.E. New Mexico Civil Registration No. 12970

[illegible]

NOTE:
CURB RETURN AND VALLEY GUTTER
CONSTRUCTION INDICATED ON THIS
SHEET SHALL SUPERCEDE COA PROJECT
NO. 5206.94 CONSTRUCTION.



CURB CURVE DATA (FACE OF CURB)					
CURVE ID	RADIUS	ARC	DELTA	TANGENT	CHORD BRG
A	30.00	47.12	90-00-00	30.00	S45-05-18W
B	30.00	47.12	90-00-00	30.00	S44-54-42E
C	20.00	29.18	83-35-15	17.88	N41-42-20W
D	20.00	27.39	78-27-47	16.33	N57-16-09E
A1	2.01	5.99	171-04-47	N06-30-03E	4.00
B1	993.00	102.18	005-53-45	51.13	N86-26-50W
C1	2.00	5.98	171-26-17	S00-09-03W	3.99
D1	1003.00	103.21	005-53-45	51.65	N86-26-50W

- LEGEND**
- FL=74.11 PROPOSED CURB FLOWLINE ELEVATION
 - 73.6 EXISTING SPOT ELEVATION (GRND & TC)
 - PROPOSED VALLEY GUTTER / SIDEWALK
 - EXISTING CURB & GUTTER
 - PROPOSED MOUNTABLE CURB & GUTTER
 - PROPOSED STANDARD CURB & GUTTER
 - FLOW ARROW
 - CROWN TRANSITION
 - EXISTING EDGE OF PAVEMENT
 - PROPOSED FIRE HYDRANT
 - PROPOSED STREET LIGHT
 - CURB FLOWLINE ELEV SHOWN IN BOX CORRESPONDS TO QUARTERPOINTS INDICATED IN A CLOCKWISE DIRECTION AS PER COA STD DWG 2418, NOTE 5
 - TEMPORARY PAVEMENT

KEYED NOTES

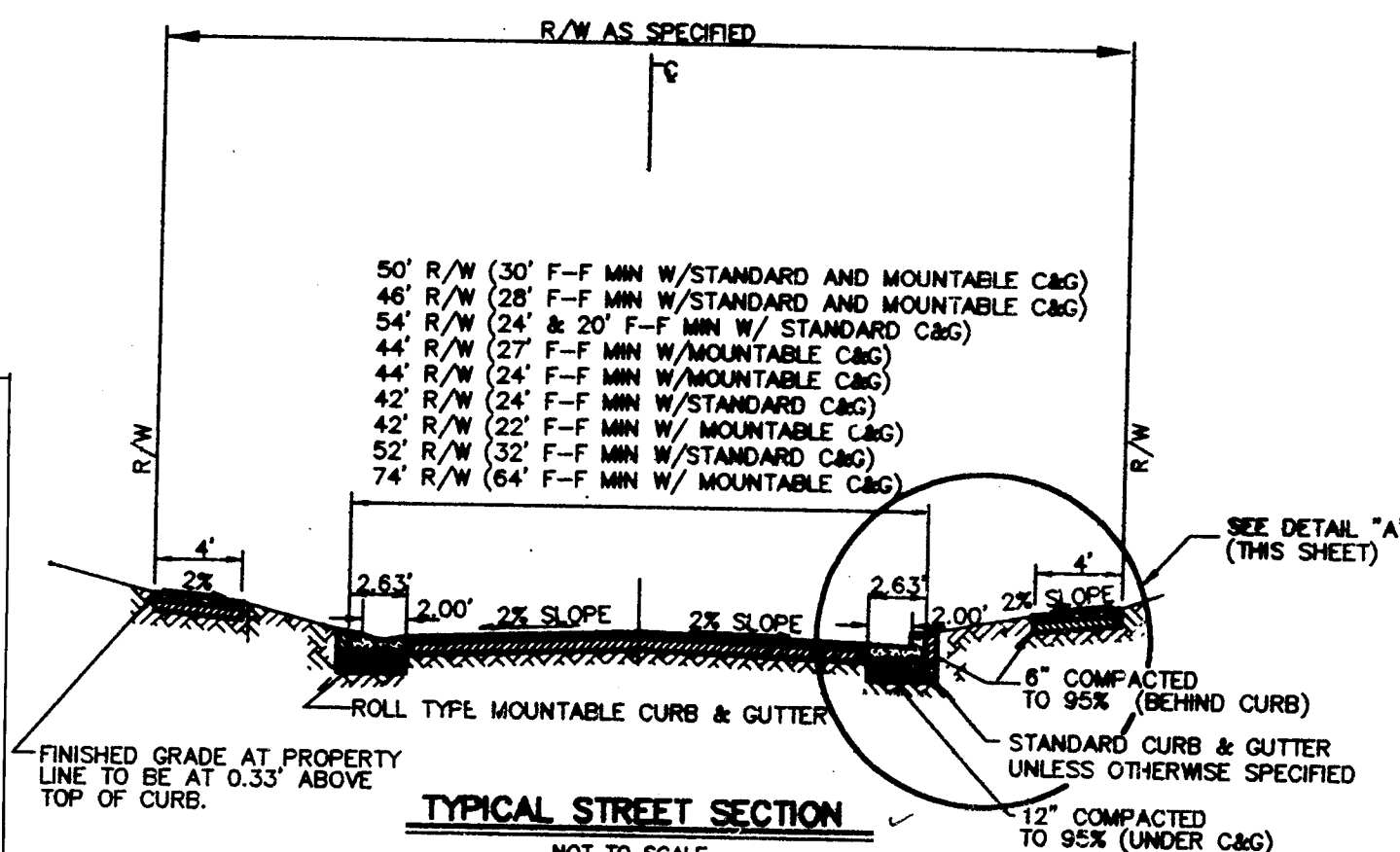
- WHEELCHAIR RAMP PER COA STD DWG 2441 CASE II (DIMENSION "F" MODIFIED AS SHOWN ON PLAN VIEW)
- MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD DWG 2418
- CONCRETE VALLEY GUTTER PER COA STD DWG 2420
- PROPOSED 4' SIDEWALK, THIS CONTRACT
- PROPOSED 4' SIDEWALK, BY OTHERS
- 50' CROWN TRANSITION PER COA STD DWG 2401
- 25' CROWN TRANSITION PER COA STD DWG 2401
- CONCRETE VALLEY GUTTER PER COA STD DWG 2421
- MEDIAN CURB & GUTTER PER COA STD DWG 2415

⑤ CURVE DATA
R = 1000.00'
L = 111.92'
Δ = 06°24'45"
T = 56.02'
CH = 111.86'
CB = S86°42'20"E

⑥ CURVE DATA
R = 200.00'
L = 214.85'
Δ = 61°32'55"
T = 119.10'
CH = 204.66'
CB = S37°16'30"W

⑦ CURVE DATA
R = 200.00'
L = 22.38'
Δ = 06°24'45"
T = 11.20'
CH = 22.37'
CB = S03°17'40"W

CENTER ISLAND DETAIL
NOT TO SCALE



1-1/2" ASPHALT CONCRETE
TYPICAL FINISH COURSE PLACED
AFTER ALL MANHOLES, VALVES
COVERS/RINGS ARE SET TO GRADE.
1500 LBS. STABILITY TYPE B
GRADATION

FINISH SURFACE OF SUBGRADE
SHALL BE MOISTURE CONTROLLED
AT COMPACTION MOISTURE RANGE,
OR PRIME COAT APPLIED AS
REQUIRED BY THE ENGINEER UNTIL
NEXT/FINAL SURFACING COMPLETED.
SUBGRADE PREPARATION SHALL BE
PERFORMED AFTER ALL SUB-
SURFACE R/W UTILITIES CONSTRUCTION
COMPLETED.

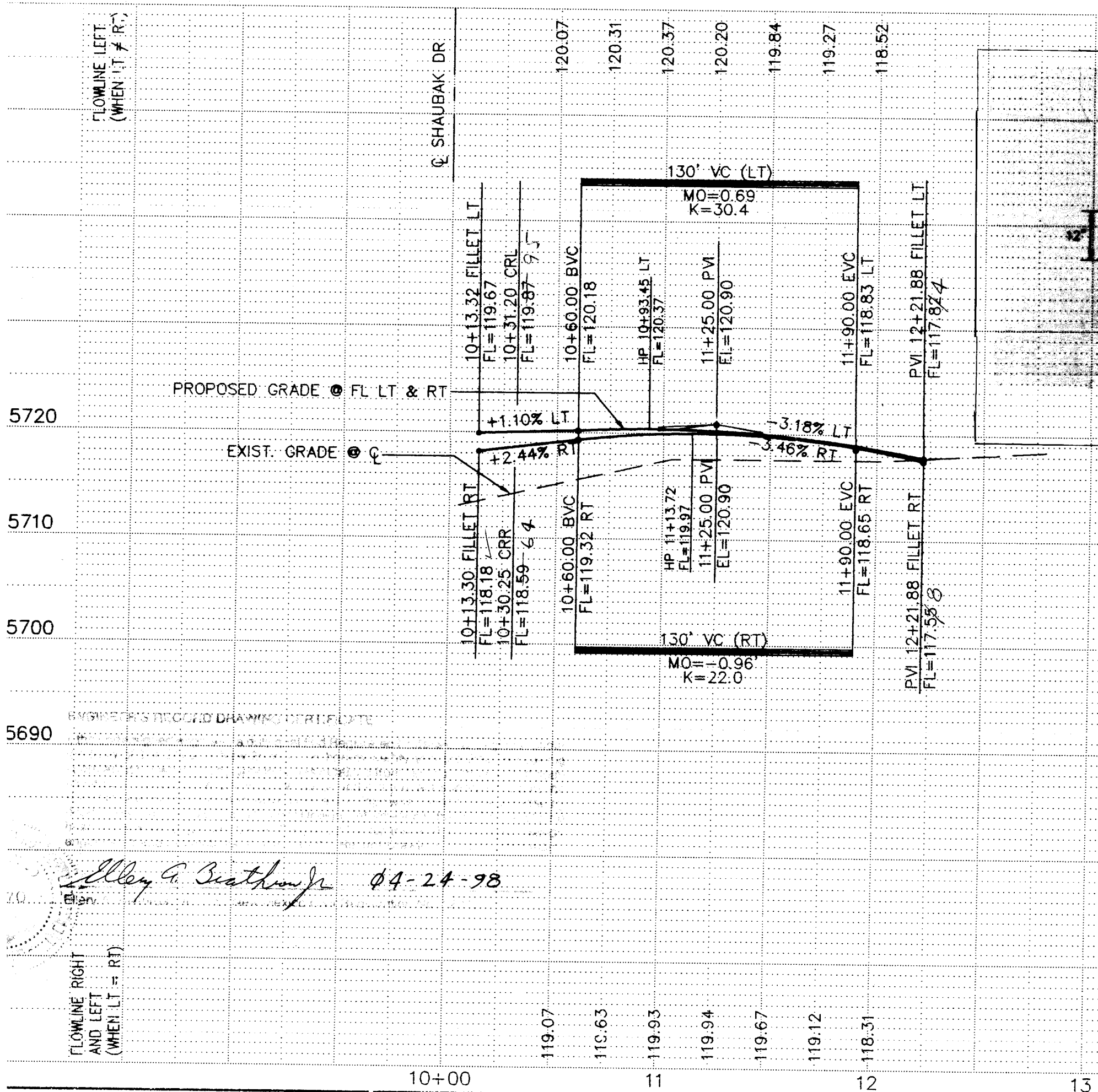
90% MINIMUM COMPACTION.

RESIDENTIAL PAVING SECTION COMPONENTS
PER C.O.A. STD. DWG. NO. 2405

TACK COAT AS REQUIRED BY THE
ENGINEER BETWEEN ALL ASPHALT/
AGGREGATE MATERIAL LIFTS.

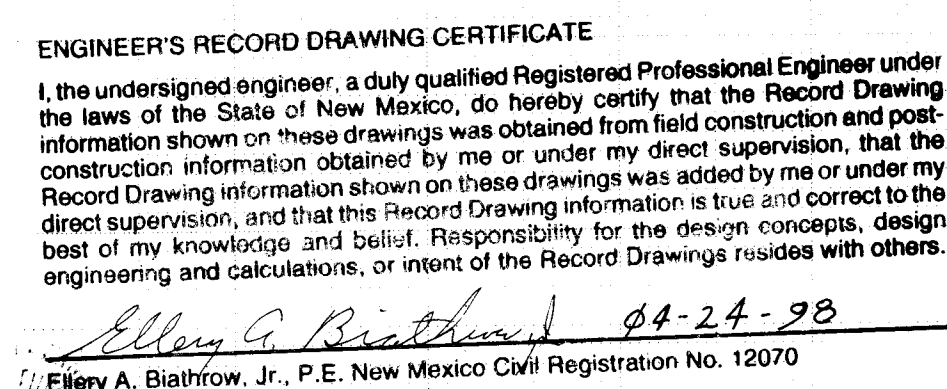
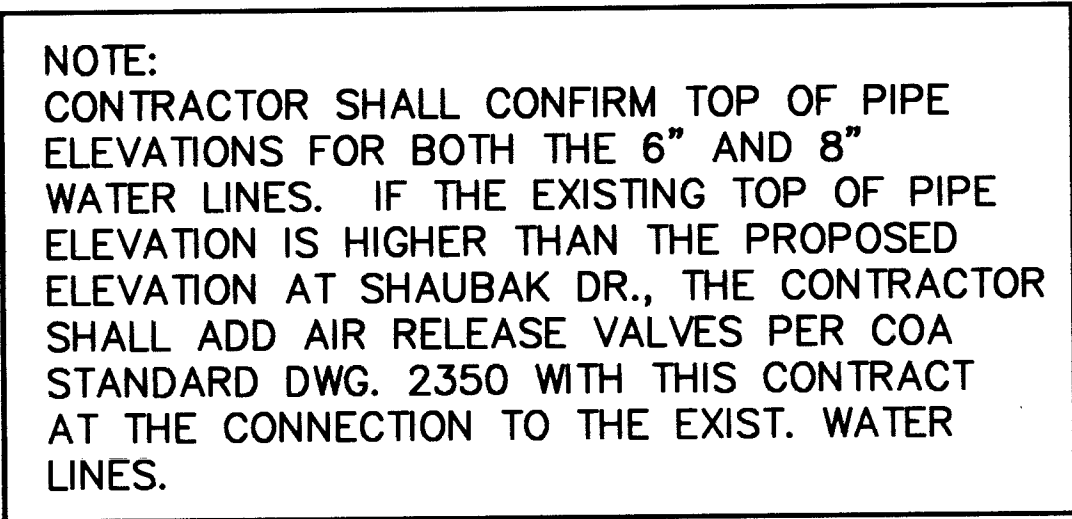
2 1/2" ASPHALT CONCRETE FOR
SHAUBAK DR., FROM SOUTH SIDE OF
QUINTESSANCE RD. TO WEST SIDE OF
NEBO ST., 1 1/2" ASPHALT CONCRETE
ALL OTHER STREETS, 1500 LBS
STABILITY, TYPE "B" GRADATION

1' SUBGRADE SOIL, R-VALUE >50.
95% MIN. COMPACTION, AT OPT.
MOISTURE +/- 2.0% ASTM D1557.
OR OPT. MOISTURE, TO +4% ASTM
D698 FOR SOIL W/35% OR MORE
MATERIAL PASSING THE NO. 200
SIEVE. IF "R" VALUE IS ≤ 50
CONTRACTOR IS RESPONSIBLE FOR
UPGRADING THE SOIL, OR REDESIGNING
THE SECTION BASED ON THE ACTUAL
"R" VALUE.



Ally & Smith 04-24-98

DATE: FEB. 1997	SCALE: HORIZ: 1"= 50' VERT: 1"= 10'	community sciences corporation
JOB NO.: 32311041	LAND PLANNING P.O. Box 1328 Corrales, N.M. 87048	ENGINEERING SURVEYING (505)897-0000
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP		
TITLE: EUBANK BOULEVARD N.E. PAVING PLAN & PROFILE QUINTESSANCE RD. N.E.		
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR. MO./DAY/YR.
PROJECT NO. 5206.95	MAP NO. D-21	SHEET 12 OF 13



RESTRAINING LENGTHS	
FITTING	LR (FT)
6"x6" TEE	RUN 10', BRANCH 2'
8"x8" TEE	RUN 13' BRANCH 3'
6" x4" REDUCER	43'
8"x6" REDUCER	25'
6" 11 1/4" BEND	2'
6" 22 1/2" BEND	3'
6" 90° BEND	17'
8" 11 1/4" BEND	2'
8" 22 1/2" BEND	4'
8" 90° BEND	22'
4" CAP	32'
6" CAP	46'
6" GATE VALVE/CAP	46'
8" GATE VALVE/CAP	60'

LR = LENGTH TO BE RESTRAINED
EACH SIDE OF THE FITTING. FOR
TEES, ALL THREE LEGS SHALL BE
RESTRAINED FOR A DISTANCE OF
"LR". FOR REDUCERS, "LR" IS
GIVEN FOR THE LARGER DIAMETER
SIDE OF THE FITTING AND NO
RESTRAINING IS REQUIRED ON THE
SMALL SIDE OF THE FITTING. GATE
VALVES SHALL BE MECHANICALLY
RESTRAINED AND INSTALLED WITH
CONCRETE BLOCKING PER AASHTO
DWC 2333 IN ADDITION TO THE
MECHANICALLY RESTRAINED
LENGTHS. ALL CAPS SHALL BE
INSTALLED WITH CONCRETE
BLOCKING PER COA STD. DWC 2320.
RESTRAIN ALL JOINTS ON FIRE
HYDRANTS.

NOTES:

1. RESTRAINED JOINTS, SUCH AS MEGA-LUG EPOXYED BRANDS ACCEPTABLE TO THE ENGINEER SHALL BE USED ON ALL TEES, BENDS, CROSSES & CAPS IN LIEU OF CONCRETE THRUST BLOCKING, RESTRAINED JOINTS SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT. NO ADDITIONAL COMPENSATION, MEASUREMENT, OR PAYMENT WILL BE MADE THEREFORE.
2. LR SHALL BE THE LENGTH OF WATER MAIN THAT REQUIRED JOINTS ON EACH SIDE OF THE FITTINGS.
3. ALL FIRE HYDRANTS & FITTINGS ETC. SHALL BE BUILT IN ACCORDANCE WITH/ COA STD DWG'S 2301 THRU 2380 INCLUSIVE.
4. ALL CURB/INLET WATER AND SEWER LINES WITH A DRAINAGE OF LESS THAN 1% SHALL BE PVC PER COA STANDARDS AND SPECIFICATIONS.

DATE:	FEB, 1997
SCALE:	
HORIZ: 1"= 50'	
VERT: 1"= 10'	
JOB NO.: 8-10000	LAND PLANNING P.O. Box 1328 CORRAL CREEK, N.M. 87048 (505) 987-1600
	ENGINEERING Corral Creek, N.M. 87048 (505) 987-1600
	SURVEY Corral Creek, N.M. 87048 (505) 987-1600

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EUBANK BOULEVARD N.E.
UTILITY PLAN & PROFILE
QUINTESSENCE RD. N.E.

 DESIGN REVIEW COMMITTEE AUG 20 1997 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

PROJECT NO.	5206.95	MAP NO.	D-21	SHEET	13	OF	13
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