

PARK WEST SUBDIVISON - UNIT 3

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

IMPROVEMENTS FOR

GRADING, PAVING AND UTILITIES

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ENGINEER'S RECORD DRAWING CERTIFICATE

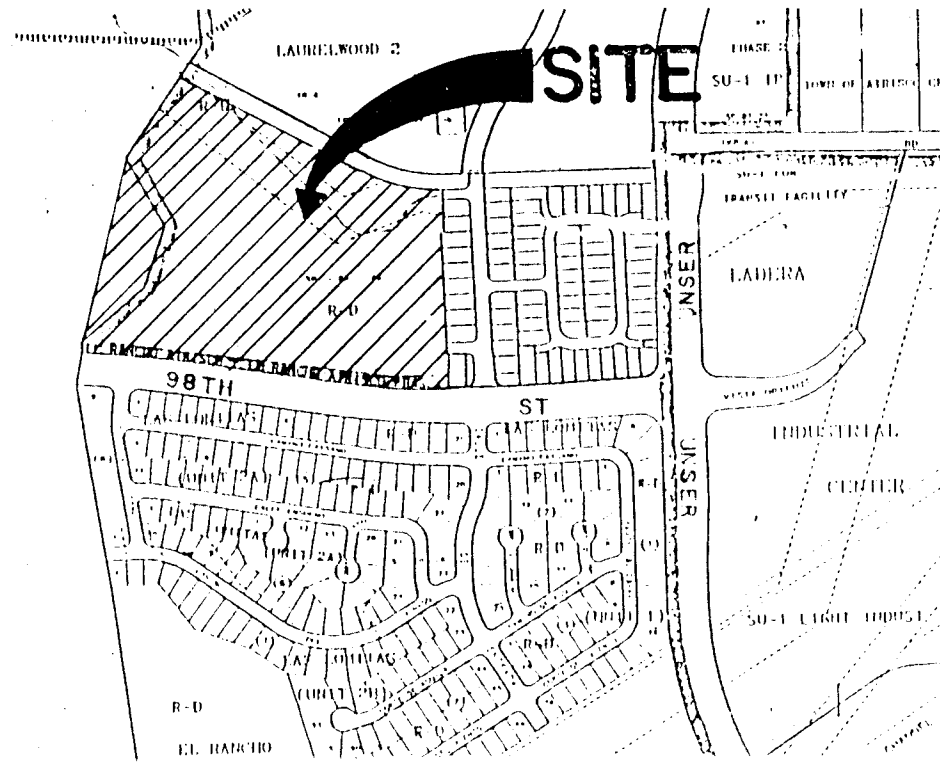
I, the undersigned engineer, a duly qualified Registered Professional Engineer under the laws of the State of New Mexico, do hereby certify that the Record Drawing information shown on these drawings was obtained from field observation and post construction information obtained by me or under my direct supervision, that the Record Drawing information shown on these drawings 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.

Elley A. Blathrow, Jr. 10-12-96

Elley A. Blathrow, Jr., P.E., New Mexico Civil Registration I-0 12079

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.



SCALE: 1"= 750 ± VICINITY MAP G-9,H-9-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. 4.
- 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 INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND 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) THREE (3) 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 BARRICADING 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 IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET. ALL NEW STRIPING SHALL BE PLASTIC AS PER CITY STANDARDS.

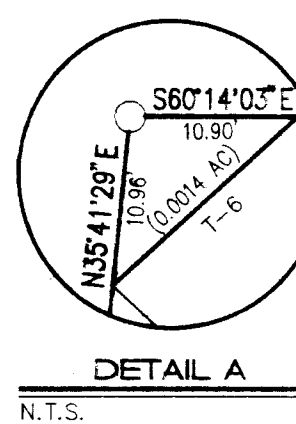
26-4886.93 0196

1	REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
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APPROVAL OF AS BUILT DRAWINGS
CHIEF-CONSTRUCTION ENGINEER
Donald B. Smith
DATE 10-28-96

ENGINEER'S SEAL <i>James D. Smith</i> 11-12-94	DATE: SEPT., 1994 SCALE: AS SHOWN DESIGNED: S.R.L. DRAWN: A.M. JOB NO.: 14324-PRE PROJECT NO. 4886.93	community sciences corporation LAND PLANNING P.O. Box 1328 ENGINEERING Corrales, N.M. 87048 SURVEYING APPROVED FOR CONSTRUCTION <i>Donald B. Smith</i> CITY ENGINEER 11/23/95 DATE SHEET 1 OF 21
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DRB NO. 93- 303
PROJECT NO. 4886.93



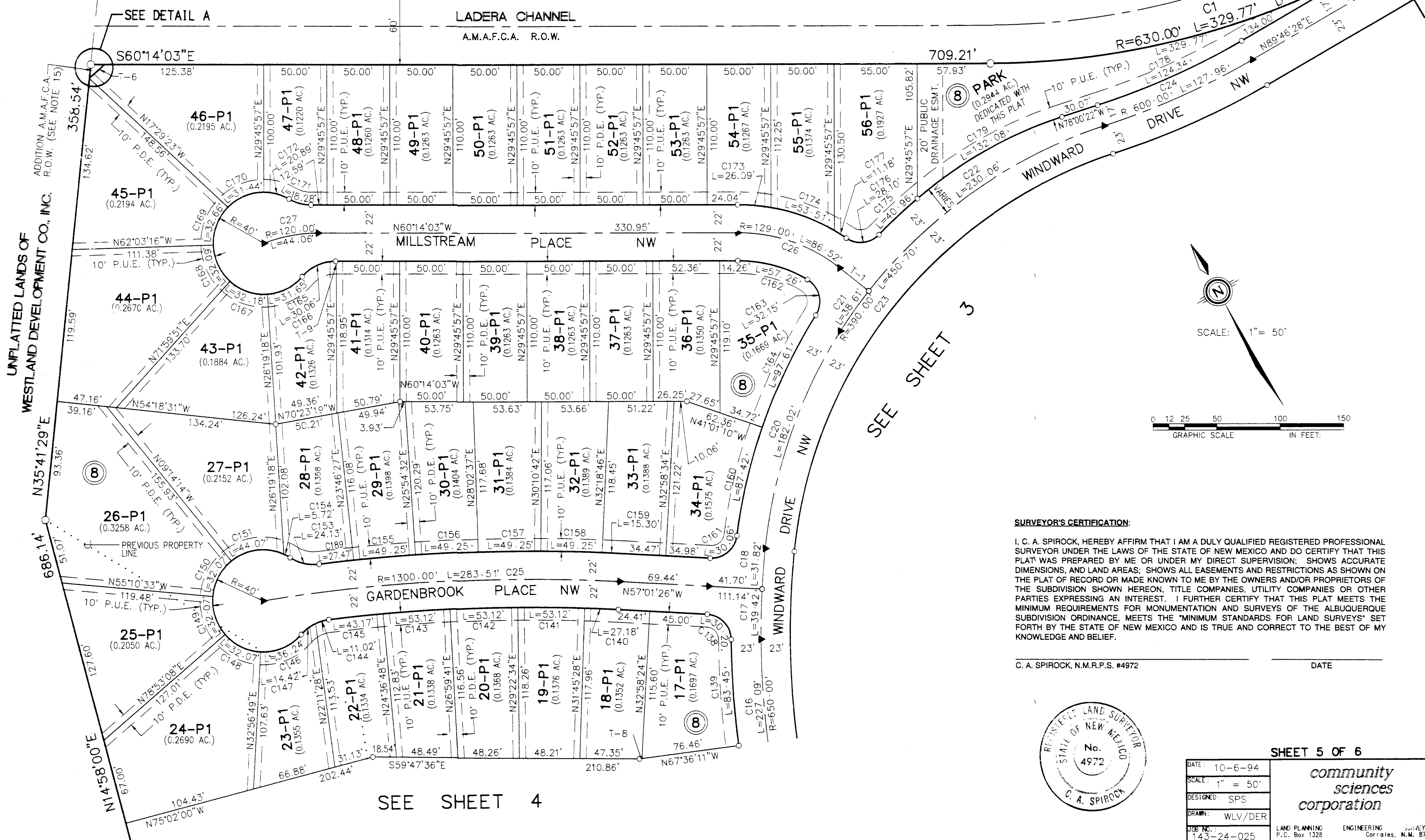
TANGENT TABLE			
T-1	N 21°48'18" W	29.12	
T-2	N 64°30'18" E	19.16	
T-3	N 80°30'57" W	3.39	
T-4	N 80°30'57" W	3.39	
T-5	S 80°30'57" E	3.39	
T-6	S 77°34'59" W	16.24	
T-7	S 14°58'00" W	1.83	
T-8	N 67°36'11" W	1.82	
T-9	S 60°05'27" E	0.64	

ABBREVIATIONS
P.U.E. PUBLIC UTILITY EASEMENT
P.D.E. PRIVATE DRAINAGE EASEMENT

TRACT A
PARKWEST UNIT 1
(FILED 8-9-94, VOL. 94C, FOL. 262)

A SUBDIVISION PLAT FOR PARKWEST UNIT 3

COMPRISED OF
TRACT B OF PARKWEST UNIT 1
AND A PORTION OF UNPLATTED
LANDS OF WESTLAND DEVELOPMENT CO., INC.
SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 AND 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 1994



SURVEYOR'S CERTIFICATION:

I, C. A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND DO CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; SHOWS ACCURATE DIMENSIONS, AND LAND AREAS; SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST. I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. A. SPIROCK, N.M.R.P.S. #4972

DATE



SHEET 5 OF 6

community
sciences
corporation

DATE: 10-6-94
SCALE: 1" = 50'
DESIGNED: SPS
DRAWN: WLV/DER
JOB NO.: 143-24-025

LAND PLANNING P.O. Box 1328
ENGINEERING Corrales, N.M. 87048

A SUBDIVISION PLAT FOR PARKWEST UNIT 3

COMPRISED OF
TRACT B OF PARKWEST UNIT 1
AND A PORTION OF UNPLATTED
LANDS OF WESTLAND DEVELOPMENT CO., INC.
SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 AND 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 1994

NOTES:

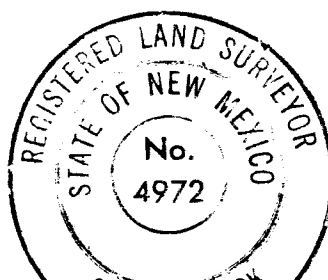
- THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE TRACT B PARKWEST UNIT 1 AND A PORTION OF UNPLATTED LANDS OF WESTLAND DEVELOPMENT COMPANY, INC. CONTAINING 24.5999 ACRES INTO 117 RESIDENTIAL LOTS, ADJOINING STREETS AND 0.2844 ACRE PARK SITE AND A.M.A.F.C.A. RIGHT-OF-WAY, PER APPROVED PRELIMINARY PLAT.
- ALL BEARING SHOWN HEREON ARE GRID BEARING BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, MEAN DELTA ALPHA -00°16'22". ALL DISTANCE ARE GROUND DISTANCES.
- BEARINGS AND DISTANCES SHOWN IN PARENTHESES ARE FROM RECORD PLATS.
- ALL DIMENSIONS PUBLISHED ALONG CURVED LINES ARE ARC DISTANCES. LOT LINES MARKED N/R ARE NON-RADIAL.
- BENCHMARK FOR THIS PLAT IS THE CITY OF ALBUQUERQUE ALL ACS BRASS TABLET STAMPED "2-G" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND, LOCATED ON TOP OF A VOLCANIC OUTCROP, TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. AND DUNBAR RD. NW 1/4-34-21. ABOUT 0.7 MI. TO THE END OF PAVEMENT. CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE N. BANK OF DAM. 0.6 MI. TO A DIRT CROSS ROAD. TURN RIGHT, GO N. ON THE DIRT ROAD 0.5 MI. SLD 1929 ELEVATION = 5334.50 ALL.
- UNLESS OTHERWISE NOTED, ALL CORNERS ARE EVIDENCED BY A #5 REBAR WITH ALUMINUM CAP STAMPED "P.S. #4972".
- CENTERLINE (IN LIEU OF RW) MONUMENTATION TO BE INSTALLED AT ALL CENTERLINE P.O.B. P.T.S. ANGLE POINTS AND STREET INTERSECTIONS PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A FOUR INCH ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION SURVEY MARKER DO NOT DISTURB P.L.S. #4972". DENOTES CENTERLINE MONUMENT.
- PUBLIC UTILITY EASEMENTS (P.U.E.) SHOWN ON THIS PLAT ARE TEN (10) FEET WIDE AND ARE GRANTED FOR THE COMMON AND JOINT USE OF:
 - THE PUBLIC SERVICE COMPANY OF NEW MEXICO FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
 - THE GAS COMPANY OF NEW MEXICO FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.
 - U.S. WEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED COMMUNICATION LINES AND OTHER RELATED PEDESTAL AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
 - JONES INTERCABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH UNDERGROUND 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 (ABOVE GROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL DECKING, OR OTHER STRUCTURE SHALL BE ERRECTED 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 ELECTRIC SAFETY CODE CAUSED BY CONSTRUCTION OR POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO OR NEAR EASEMENTS SHOWN ON THIS PLAT.
- A 2' EASEMENT IS RESERVED ALONG ALL SIDES OF ALL LOTS, OPEN SPACE TRACTS, AND RIGHTS-OF-WAY GRANTED AND DEDICATED WITH THIS PLAT FOR THE PURPOSE OF SUBSURFACE FOUNDATIONS FOR ANY PARTY WALLS, PROPERTY LINE WALLS, AND STRUCTURAL WALLS. THIS EASEMENT EXISTS ONLY WHERE SUCH WALLS ARE CONSTRUCTED AND IS GRANTED TO THE DEVELOPER, THE OWNERS OF THE LOTS, THE PURPOSE OF THIS EASEMENT IS TO OBTAIN ANY CLAIM OF "ENCROACHMENT" OR VIOLATION" BASED ON THE FOOTINGS OR SUBSURFACE PROJECTIONS OF THE AFOREMENTIONED WALLS, INCLUDING FENCES, STRUCTURAL WALLS, AND PILASTERS.
- CITY OF ALBUQUERQUE WATER AND SEWER SERVICE TO THESE LOTS MUST BE VERIFIED AND COORDINATED WITH THE PUBLIC WORKS DEPARTMENT, CITY OF ALBUQUERQUE.

SURVEYOR'S CERTIFICATION:

I, C. A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND DO CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; SHOWS ACCURATE DIMENSIONS, AND LAND AREAS; SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST. I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. A. SPIROCK, N.M.R.P.S. #4972

DATE

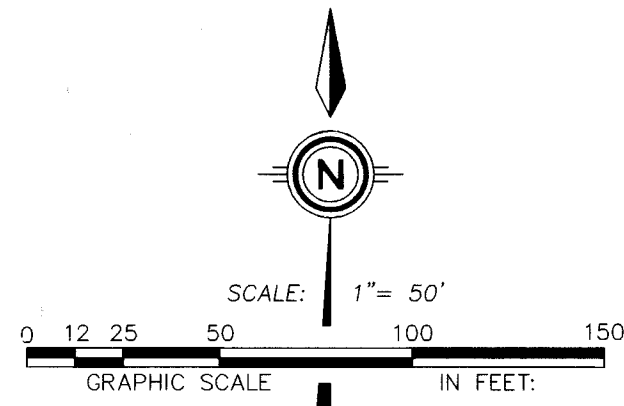
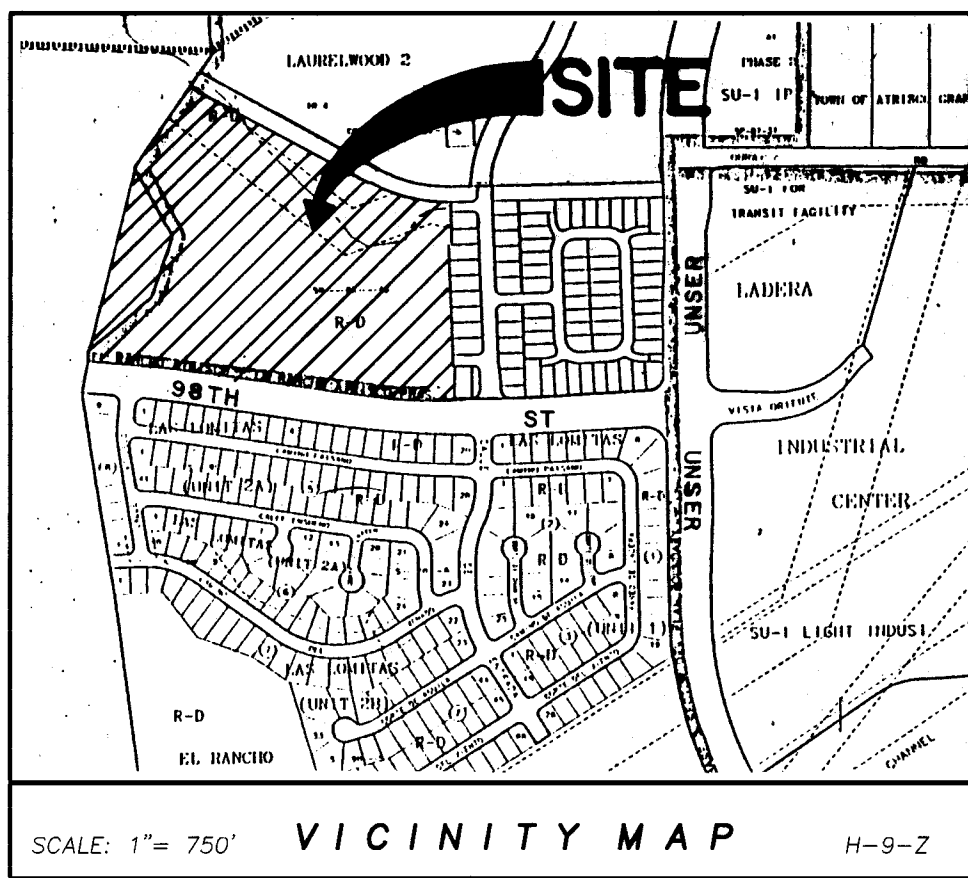


SHEET 6 OF 6

community
sciences
corporation

DATE: 10-6-94
SCALE: N/A
DESIGNED: SPS
DRAWN: WLV/DER
JOB NO.: 143-24-025

LAND PLANNING P.O. Box 1328
ENGINEERING Corrales, N.M. 87048



**PARK WEST SUBDIVISION
UNIT 3
TRACT B
PARK WEST UNIT 1**
SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 + 9, T10N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER 1994
DRB-93-303

FOR ADDITIONAL DETAIL SEE SHEET 7

LEGEND

- TC=88.43 PROPOSED TOP OF CURB ELEVATION
- 99.0 PROPOSED SPOT ELEVATION
- 09.0 ○ EXISTING SPOT ELEVATION (GRND & TC)
- ▬ EROSION CONTROL BERM
- ▬ PROPOSED CONCRETE VALLEY GUTTER
- ▬ EXISTING CURB & GUTTER
- ▬ PROPOSED MOUNTABLE CURB & GUTTER
- ▬ PROPOSED STANDARD CURB & GUTTER
- ▬ 497.3 EXISTING CONTOUR W/ INDEX ELEVATION
- ▬ PROPOSED SLOPE
- ▬ SWALE
- ▬ FLOW ARROW
- ▬ PROPOSED RETAINING WALL
- ▬ PROPOSED FLOOD WALL
- ▬ PROPOSED GARDEN WALL
- ▬ 30" SD EXISTING STORM DRAIN
- ▬ 30" SD PROPOSED STORM DRAIN
- ▬ TEMPORARY DESILTATION POND
- ▬ POND=08.8 REAR YARD POND W/ ELEVATION
- ▬ WATER BLOCK
- ▬ AREAS WILL BE RESEED

LOT GRADING SPECIFICATIONS:

- CROSS LOT DRAINAGE WILL NOT BE PERMITTED. IF LOCAL CONDITIONS SHOULD DICTATE A RELAXATION OF THIS RULE, THEN THE APPROPRIATE PUBLIC OR PRIVATE DRAINAGE EASEMENTS WILL BE DEDICATED ON THE PLAT.
- CRITERIA FOR SETTING LOT ELEVATION CONTROL GRADES SHALL INCLUDE THE FOLLOWING:
 - ALL DRAINAGE SWALES AND YARD AREAS SHALL HAVE MINIMUM SLOPES OF 1% AND MAXIMUM SLOPES OF 3 HORIZONTAL TO 1 VERTICAL.
 - BUILDING PADS SHALL BE SET AT LEAST 0.3' ABOVE THE HIGHEST ELEVATION OF ADJACENT SWALES.
 - PAD ELEVATIONS WILL BE ASSUMED TO BE EQUAL TO FINISHED FLOOR OF GARAGE. MINIMUM DRIVEWAY SLOPES SHALL BE 1% AND DRIVEWAY SLOPES SHALL NOT EXCEED 14%.
 - USABLE YARD AREAS SHALL HAVE MINIMUM DIMENSIONS OF 30' X 15'. SHALL HAVE MINIMUM SLOPES OF 1% AND MAXIMUM SLOPES OF 8%.
- WHERE YARD GRADES OF ADJACENT LOTS AT PROPERTY LINES CANNOT BE MATCHED USING THE ABOVE CRITERIA, RETAINING WALL SHALL BE PROVIDED TO ACCOMMODATE GRADE DIFFERENTIALS.

SPECIAL FILL REQUIREMENTS:

- LONGITUDINAL GRADIENT OF DRIVEWAY SHALL NOT BE LESS THAN ONE PERCENT (1%) NOT STEEPER THAN TEN PERCENT (10%). IF DRIVEWAY ALSO IS USED AS A REQUIRED WALK. IF USED ONLY AS A DRIVEWAY, THE LONGITUDINAL GRADIENT SHALL NOT EXCEED 14% (1 IN 7).
- PROVIDE MINIMUM FALL AWAY FROM STRUCTURE OF 6 INCHES IN 10 FEET, EXCEPT AS RESTRICTED BY SIDE LOT LINES OR OTHER FROST CONDITIONS. THE HORIZONTAL LENGTH OF SUCH SLOPES MAY BE REDUCED AS NECESSARY AT BUILDING CORNERS AND SIDE YARDS.
- SIDEWALK GRADIENT SHALL NOT EXCEED 10%.
- SLOPES SHALL NOT EXCEED FOUR-TO-ONE (4 TO 1).

EROSION CONTROL:

NOTES:

- CONTRACTOR SHALL OBTAIN A TOP SOIL DISTURBANCE PERMIT PRIOR TO GRADING.
- DISTURBED AREAS WILL BE RESEED PER C.O.A. DPM SECT. 1012 WHERE INDICATED BY SHADING, THIS PLAN.
- PROTECTION OF ADJACENT RIGHT OF WAY AND PRIVATE PROPERTY FROM SEDIMENT, WILL BE ACCOMPLISHED BY THE EROSION CONTROL BERM SHOWN HERE ON.

TYPICAL PAD SIZE BLOCK
5
6
PAD SIZE
50' X 50'
50' X 50'

EARTHWORK SUMMARY

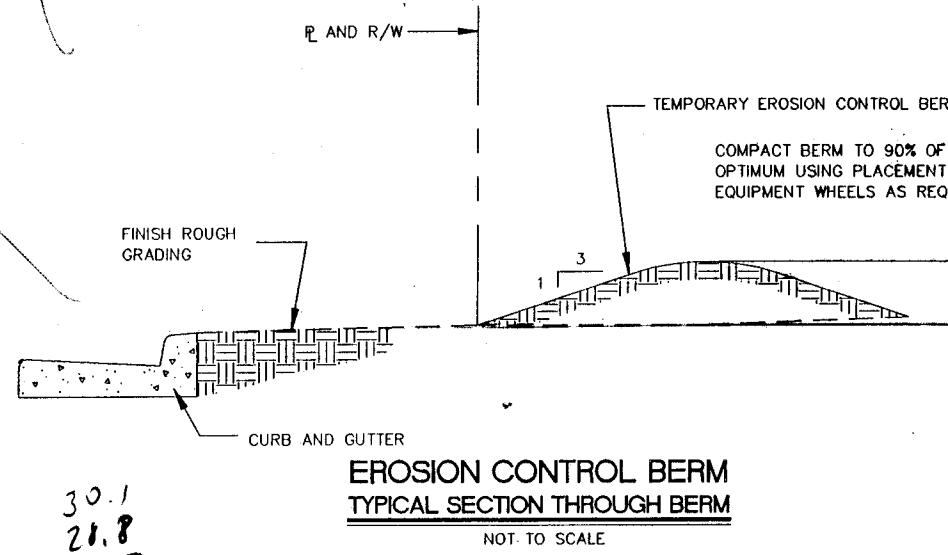
UNIT 3
CUT = 72,721 CY (IN-PLACE)
FILL = 23,687 CY (IN-PLACE)

EXPORT = 30,180 CY (IN-PLACE FILL IN FUTURE UNITS TO BE STOCKPILED THIS DEVELOPMENT)
C/F = 1.35

NOTE:

SEE SHEET 6 FOR DETAILS

EXISTING TOPOGRAPHY IS 0.2' LOWER THAN SHOWN.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-48866.93 10496

DATE: SEPTEMBER, 1994
SCALE: 1" = 50'

community sciences corporation

JOB NO. 143-24-043
LAND PLANNING P.O. Box 1328

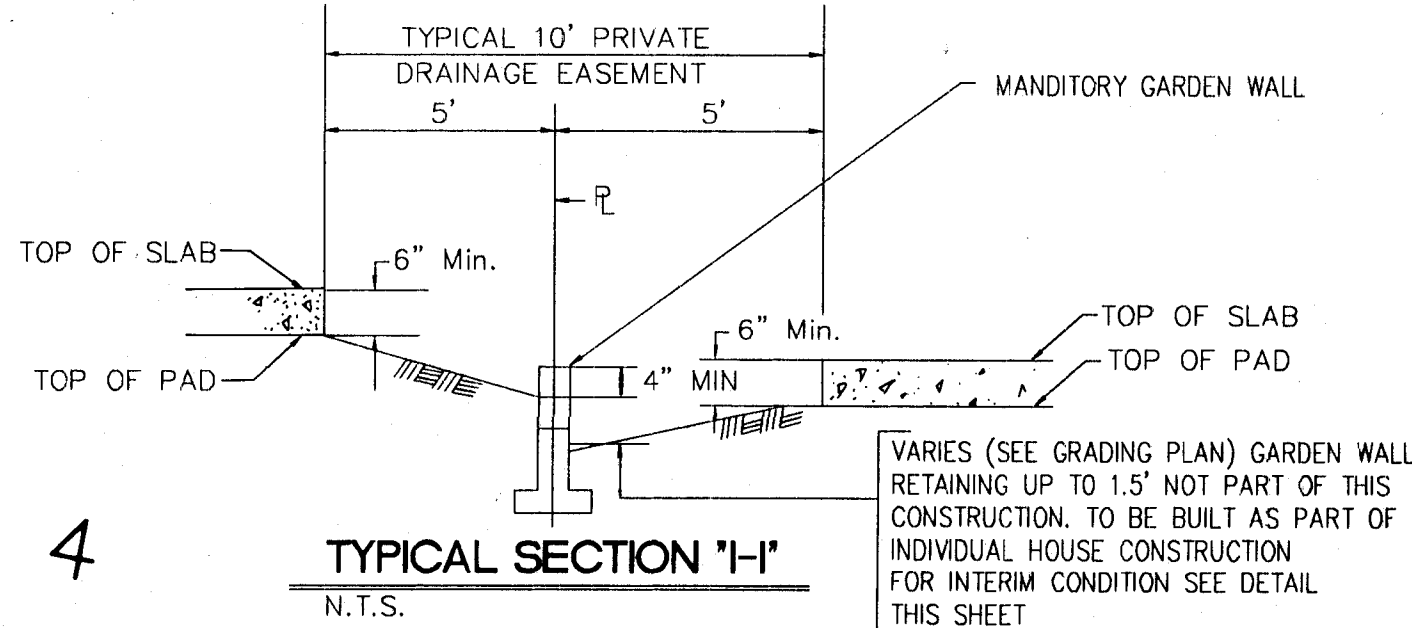
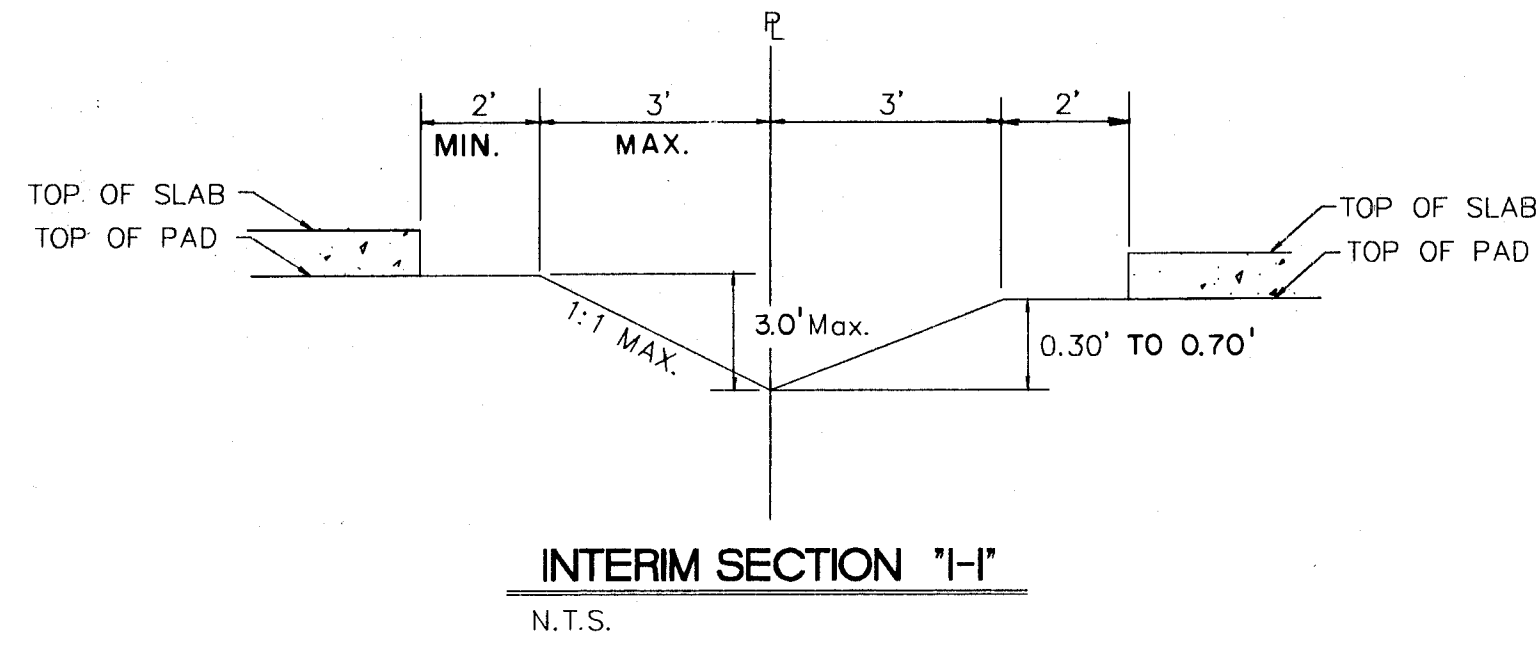
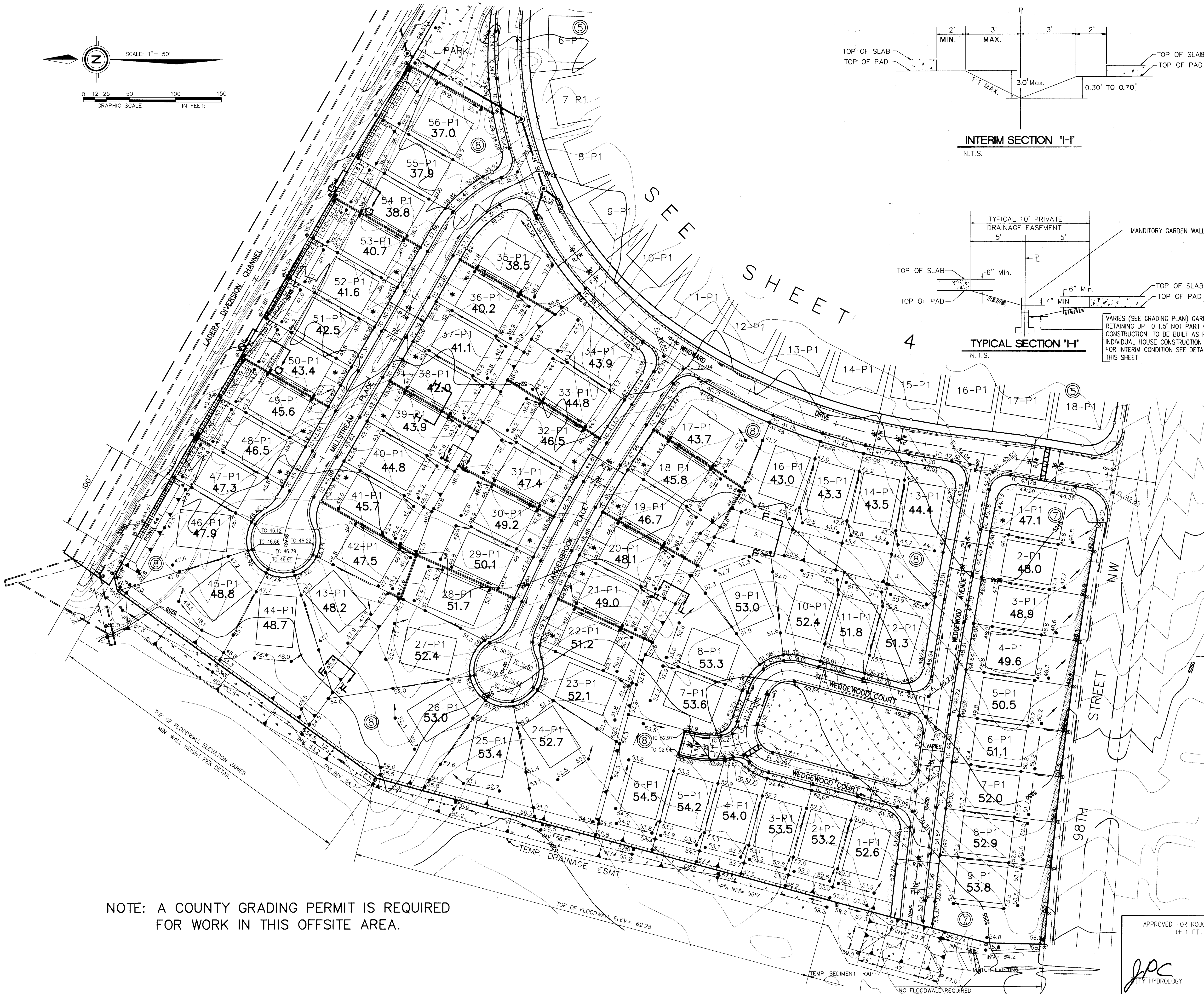
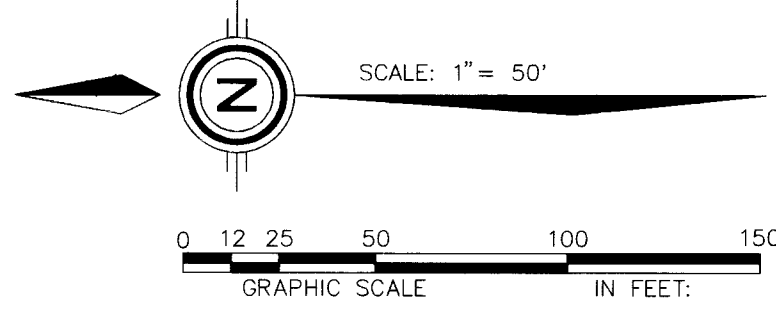
ENGINEERING SURVEYING CORRALES, N.M. 87048

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

**TITLE: PARK WEST SUBDIVISION - UNIT 3
GRADING AND EROSION CONTROL PLAN**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B. J. Gentry	11-11-95	WATER	N/A RWK	11-21-94
TRANSPORTATION	W. L. LEO	11-23-94	WASTE WATER	N/A RWK	11-21-94
HYDROLOGY	Justin	12-22-94	A.M.A.F.C.A.		

PROJECT NO. 4886.93
MAP NO. H-9
SHEET 4 OF 21



- LEGEND**
- TC=98.43 PROPOSED TOP OF CURB ELEVATION
 - 99.0 PROPOSED SPOT ELEVATION
 - 09.0 ○ EXISTING SPOT ELEVATION (GRND & TC)
 - EROSION CONTROL BERM
 - PROPOSED CONCRETE VALLEY GUTTER
 - EXISTING CURB & GUTTER
 - PROPOSED MOUNTABLE CURB & GUTTER
 - PROPOSED STANDARD CURB & GUTTER
 - 497.3 EXISTING CONTOUR W/ INDEX ELEVATION
 - PROPOSED SLOPE
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 - FLOW ARROW
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 - PROPOSED FLOOD WALL
 - PROPOSED GARDEN WALL
 - 30" SD --- EXISTING STORM DRAIN
 - 30" SD --- PROPOSED STORM DRAIN
 - TEMPORARY DESILTATION POND
 - POND=08.8 REAR YARD POND W/ ELEVATION
 - WATER BLOCK
 - AREA TO BE RESEED



EARTHWORK SUMMARY UNIT 3
CUT = 72,721 CY CY(IN-PLACE)
FILL = 23,687 CY CY(IN-PLACE)

EXPORT = 30,180 CY(IN-PLACE FILL IN FUTURE UNITS TO BE STOCKPILED THIS DEVELOPMENT)
C/F = 1.35

NOTE:
SEE SHEET 6 FOR DETAILS

EXISTING TOPOGRAPHY IS 0.2' LOWER THAN SHOWN.

26-14806.93 10596

DATE: SEPTEMBER, 1994 SCALE: 1" = 50'		community sciences corporation	
JOB NO.: 143-24-043 LAND PLANNING P.O. Box 1328		ENGINEERING Corrales, N.M. 87046	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: PARK WEST SUBDIVISION - UNIT 3 GRADING AND EROSION CONTROL PLAN			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	<i>B. G. ...</i>	11-11-95	WATER
TRANSPORTATION	<i>MA ...</i>	11-23-94	WASTE WATER
HYDROLOGY	<i>J. ...</i>	12-22-94	A.M.A.F.C.A.
PROJECT NO. 4886.93		MAP NO. H-9	SHEET 5 OF 21

AS BUILT INFORMATION			
CONTRACTOR	DATE	CONTRACTOR	DATE
INSPECTOR'S	DATE	INSPECTOR'S	DATE
ACCEPTANCE BY	DATE	ACCEPTANCE BY	DATE
VERIFICATION BY	DATE	VERIFICATION BY	DATE
DRAWN BY	DATE	DRAWN BY	DATE
MICRO-FILM INFORMATION			
RECORDED BY	DATE	RECORDED BY	DATE
NO.		NO.	

SURVEY INFORMATION		FIELD NOTES	
NO.	1	DATE	COMMUNITY SCIENCES

ENGINEER'S SEAL
[Signature]
1674
10-19-94

REVISIONS		REMARKS	
NO.	DATE	BY	REMARKS
1	11-21-94	DATE	DESIGN
2	11-21-94	DATE	DESIGN

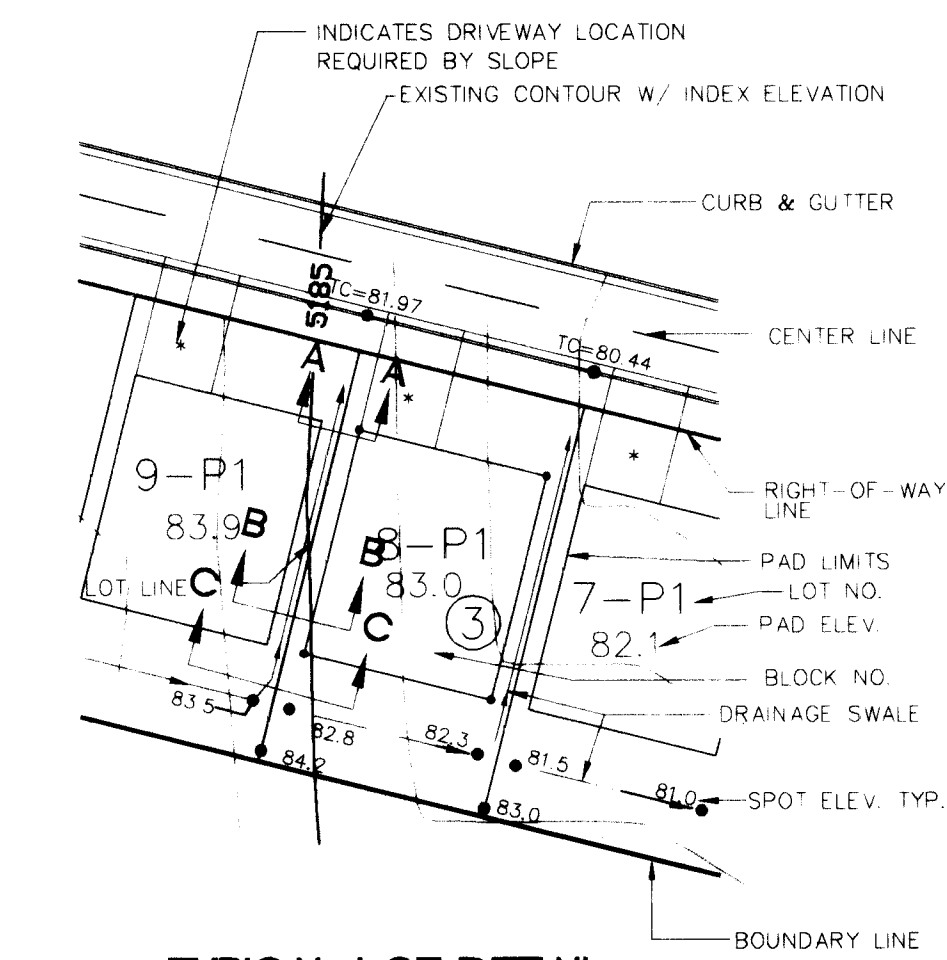
DESIGNED BY	SRL	DATE	OCTOBER 1994
DRAWN BY	DER	DATE	OCTOBER 1994
CHECKED BY		DATE	

NOTE: A COUNTY GRADING PERMIT IS REQUIRED FOR WORK IN THIS OFFSITE AREA.

APPROVED FOR ROUGH GRADING (± 1 FT.)

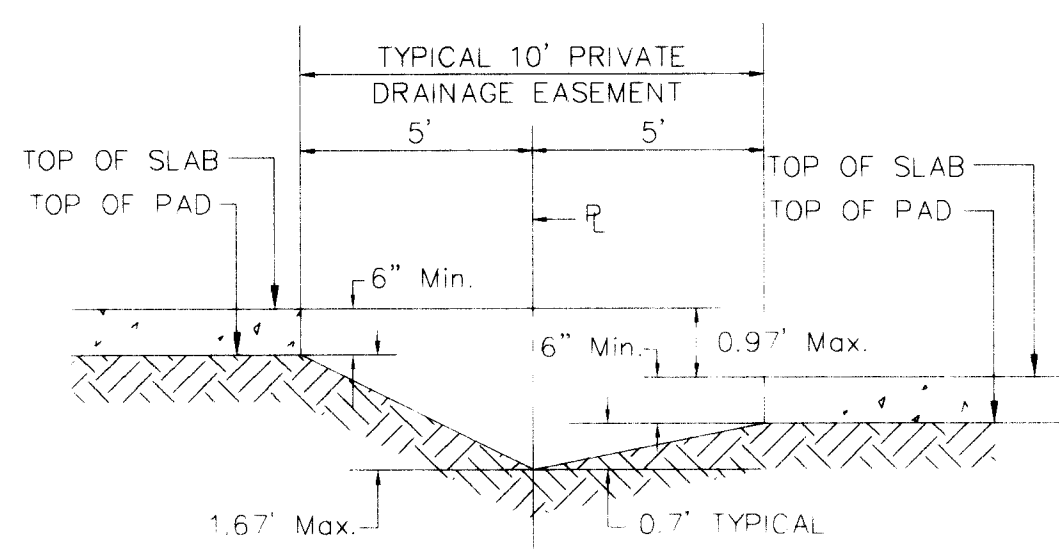
JPC
CITY HYDROLOGY

11-10-94
DATE



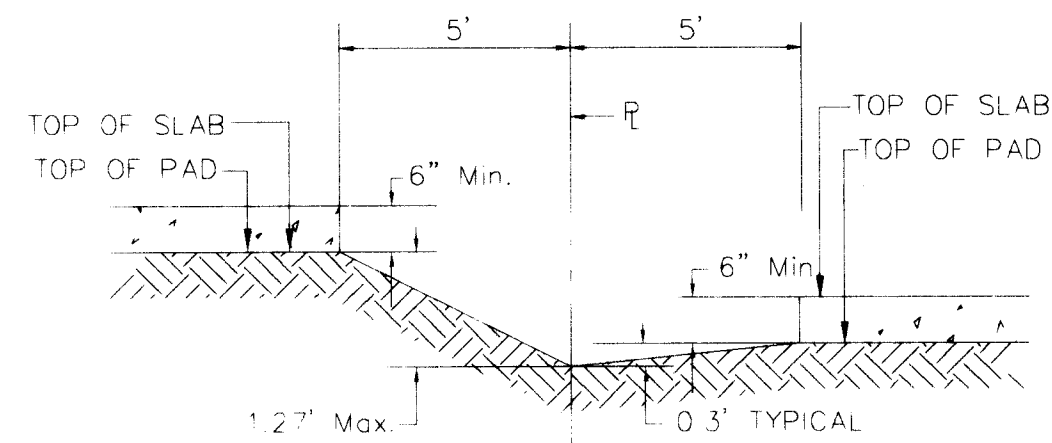
TYPICAL LOT DETAIL

N.T.S.
• FINISHED GRADE AROUND PERIMETER OF HOUSE SHALL BE A MINIMUM OF 6" BELOW TOP OF CONCRETE SLAB (SEE SECTIONS THIS SHEET)



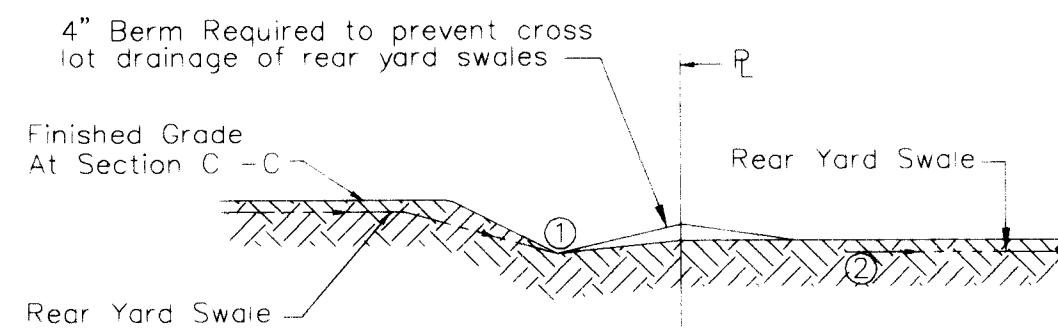
TYPICAL SECTION A - A

N.T.S.
NOTE: FENCES ARE ALLOWED ON THE PROPERTY LINE WITHIN THE PRIVATE DRAINAGE EASEMENT.



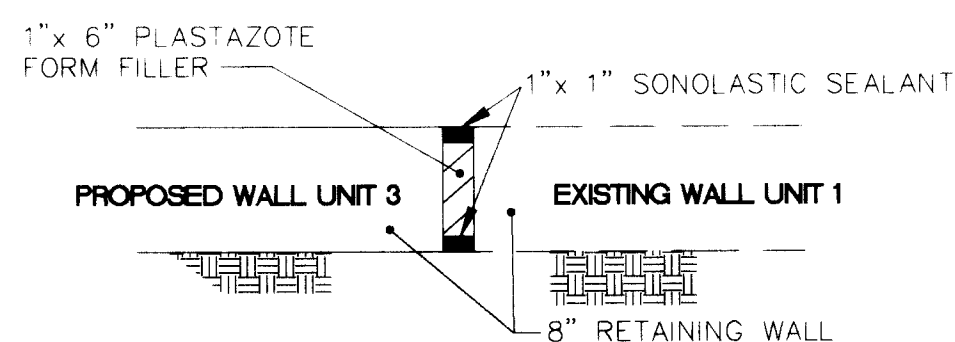
TYPICAL SECTION B - B

N.T.S.



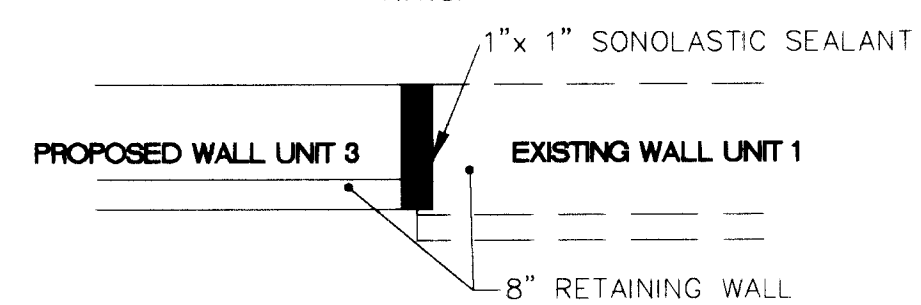
TYPICAL SECTION C - C

N.T.S.



PLAN

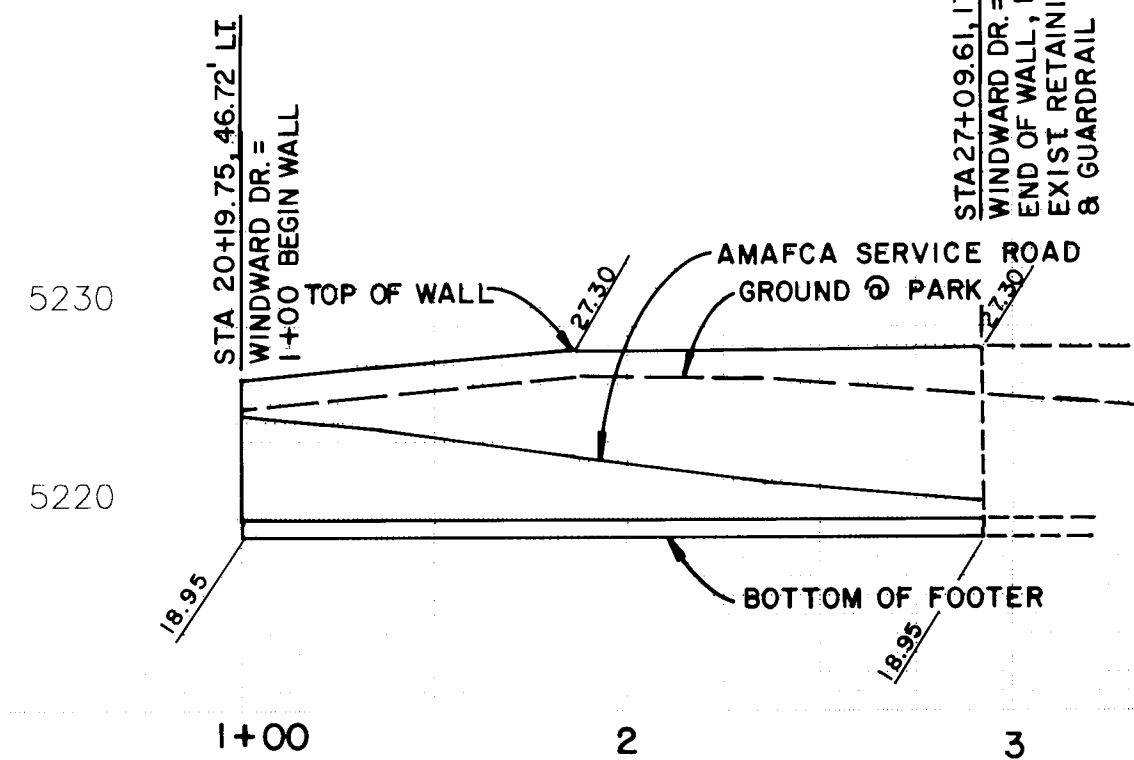
N.T.S.



ELEVATION

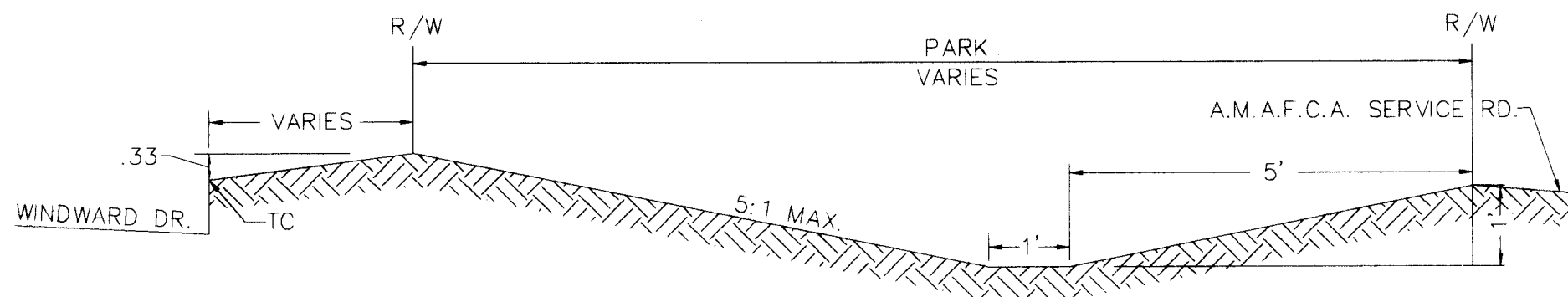
N.T.S.

EXPANSION JOINT DETAIL
PARK RETAINING WALL
CONNECTION OF UNIT 3 WALL TO EXISTING UNIT 1 WALL



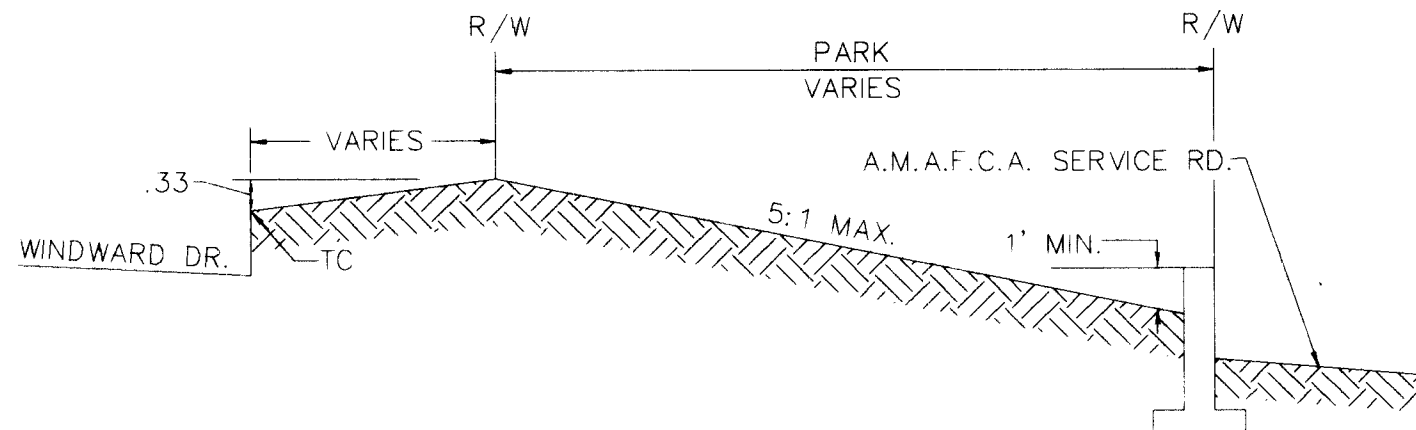
PARK RETAINING WALL PROFILE
AT
LADERA DIVERSION CHANNEL R/W

SCALE: 1" = 50', HORIZ.
1" = 10', VERT



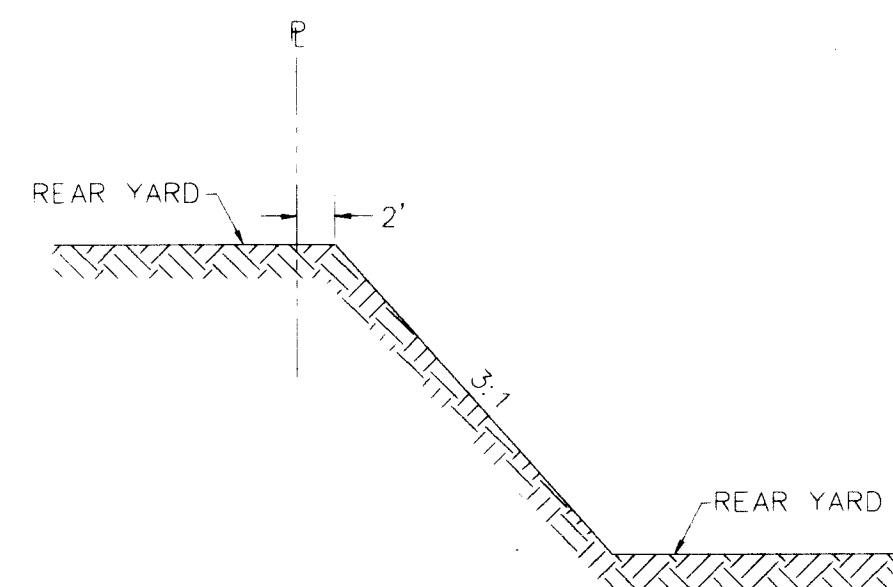
TYPICAL SECTION D - D
PARK SWALE DETAIL

N.T.S.



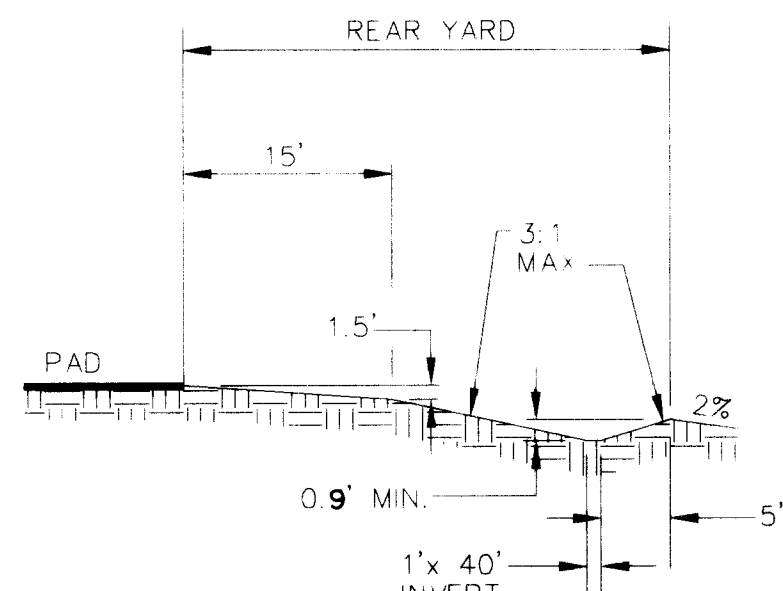
TYPICAL SECTION E - E
PARK RETAINING WALL DETAIL

N.T.S.



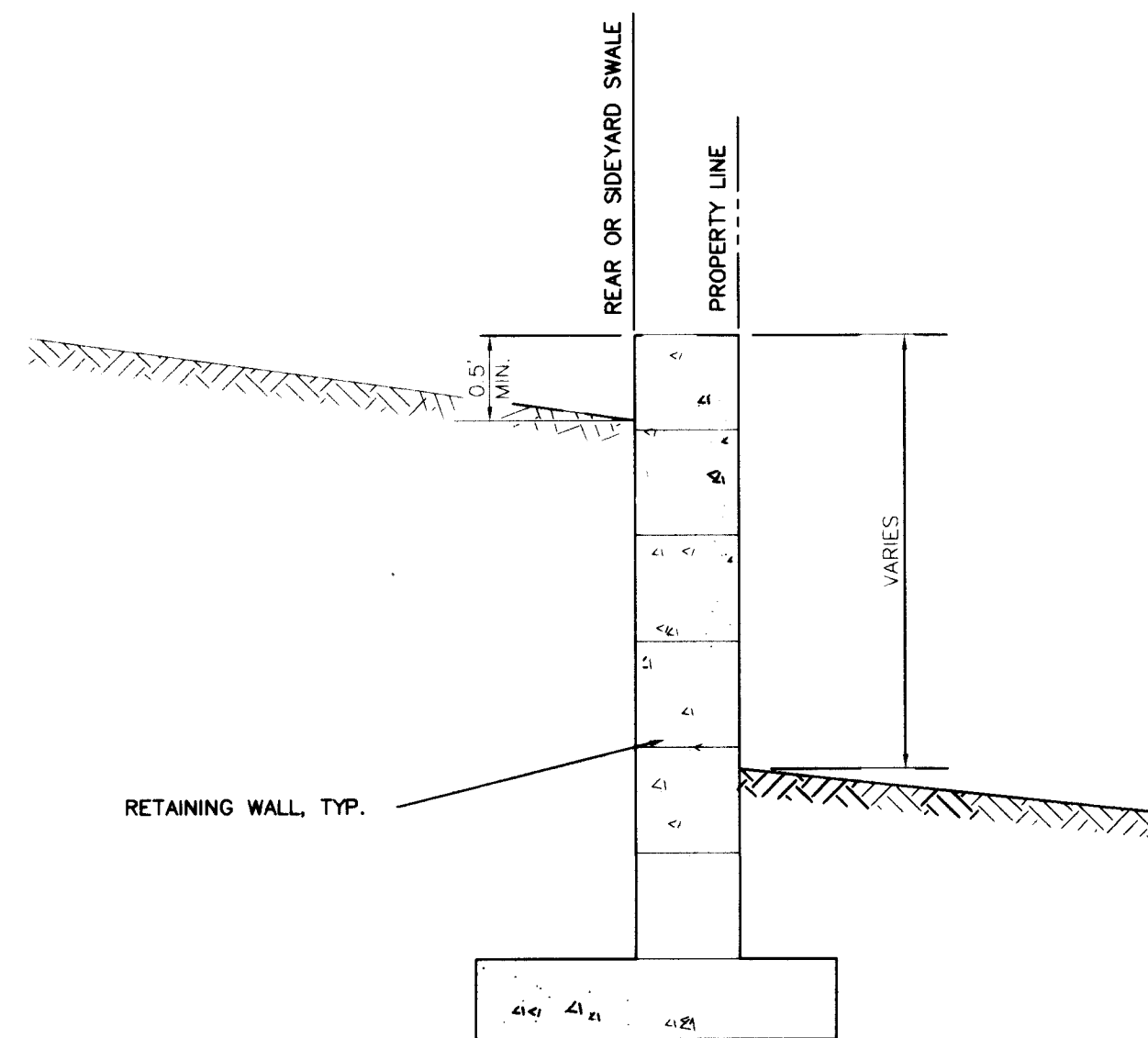
TYPICAL SECTION F - F
REAR PROPERTY LINE GRADING DETAIL

N.T.S.



SECTION G - G

N.T.S.
TYPICAL REAR YARD WITH POND



SECTION H - H

TYPICAL RETAINING WALL
WITH ADJACENT SWALE

N.T.S.

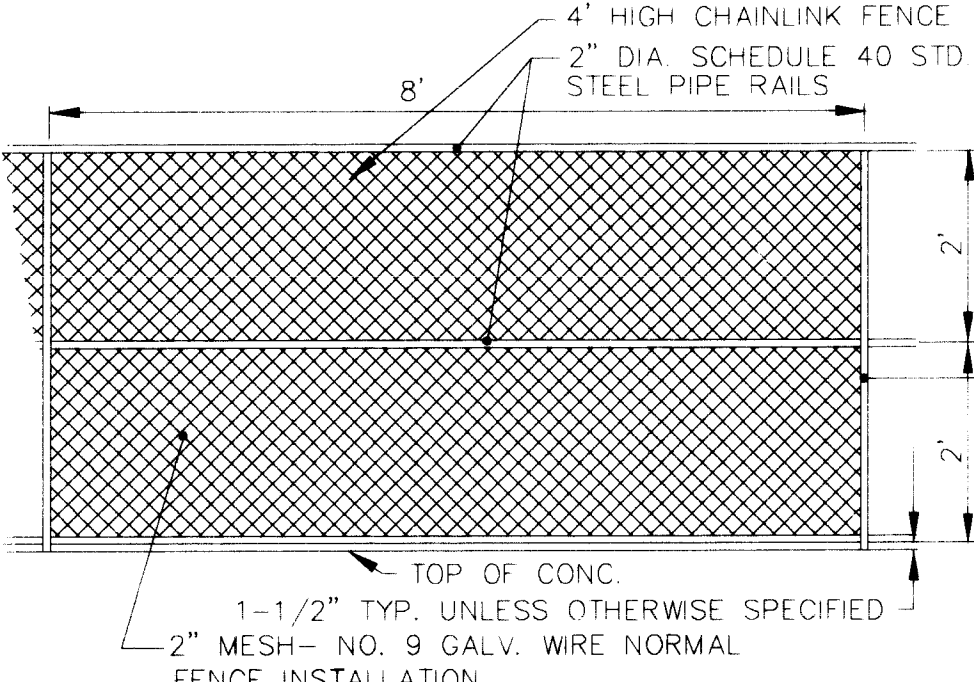
NOTE: CROSS LOT DRAINAGE SHALL BE PREVENTED BY 0.5" MIN. HEIGHT FROM TOP OF RETAINING WALL TO THE INVERT OF THE SWALE

HANDRAIL NOTES:

- ALL POSTS, RAILS, PLATES, ANGLES, BOLTS, ETC. SHALL BE OF STRUCTURAL STEEL AND GALVANIZED PER COA STANDARDS.
- INSTALL CHAIN LINK FABRIC ON OUTSIDE OF PIPE RAIL.
- TENSION BARS AND THREE (3) CLAMPS AT EACH CORNER POST.
- TACK WELD CHAIN LINK FABRIC @ 3 POINTS ALONG EACH FRAME MEMBER.
- PAINT ALL FIELD WELDS WITH GALVANIZED COATING.

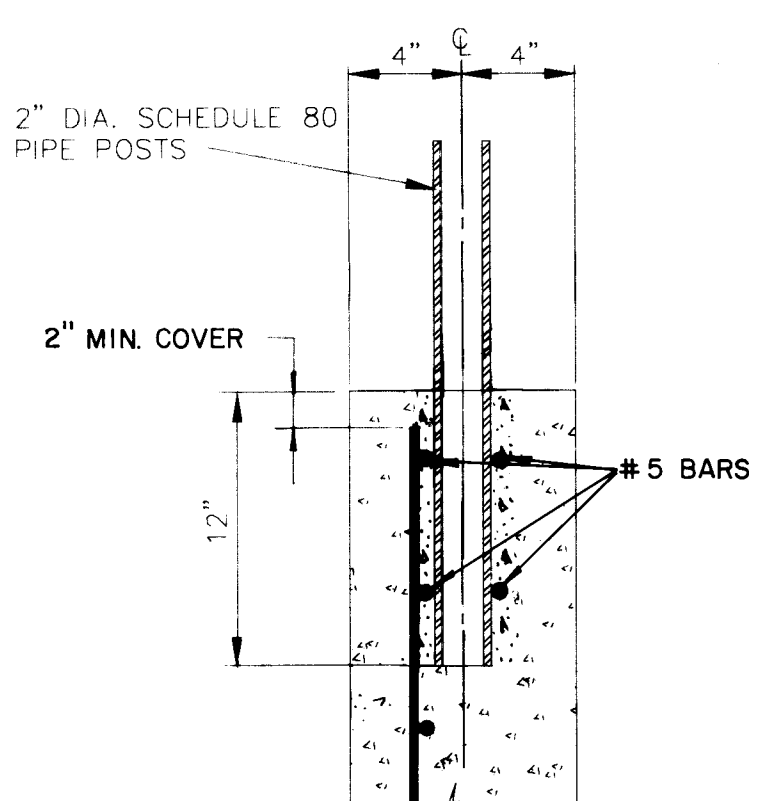
4' HANDRAIL W / CHAINLINK FENCE INSTALLATION DETAIL

N.T.S.



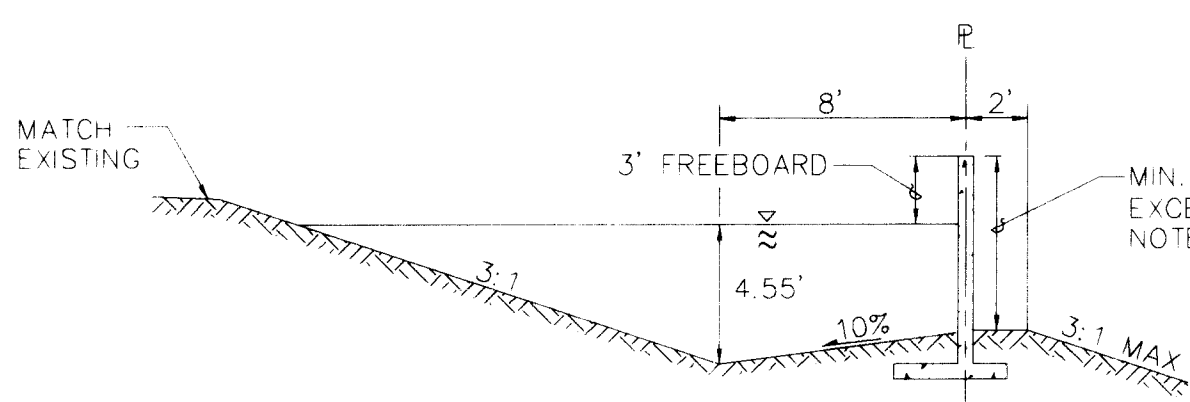
PARK RETAINING WALL

N.T.S.



GUARDRAIL TO WALL
CONNECTION DETAIL

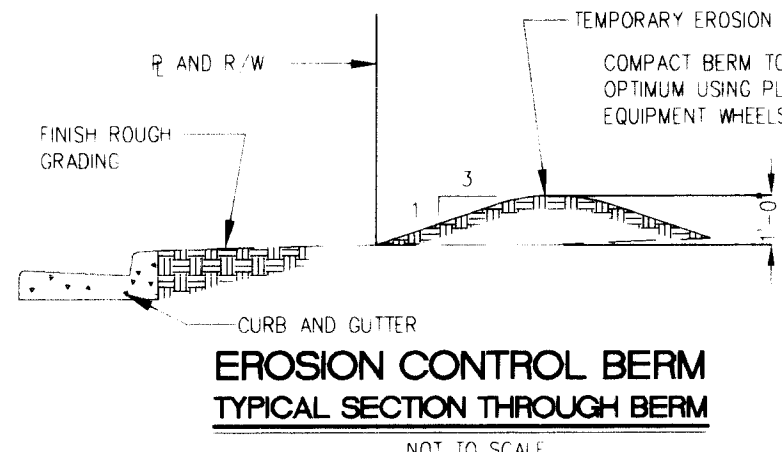
N.T.S.



FLOODWALL DETAIL

N.T.S.

Q = 580.2 cfs
n = 0.03
d = 4.55 ft
v = 9.02 fps
Froude # = 0.92
Freeboard = 3.0' (for levees)



EROSION CONTROL BERM
TYPICAL SECTION THROUGH BERM

NOT TO SCALE

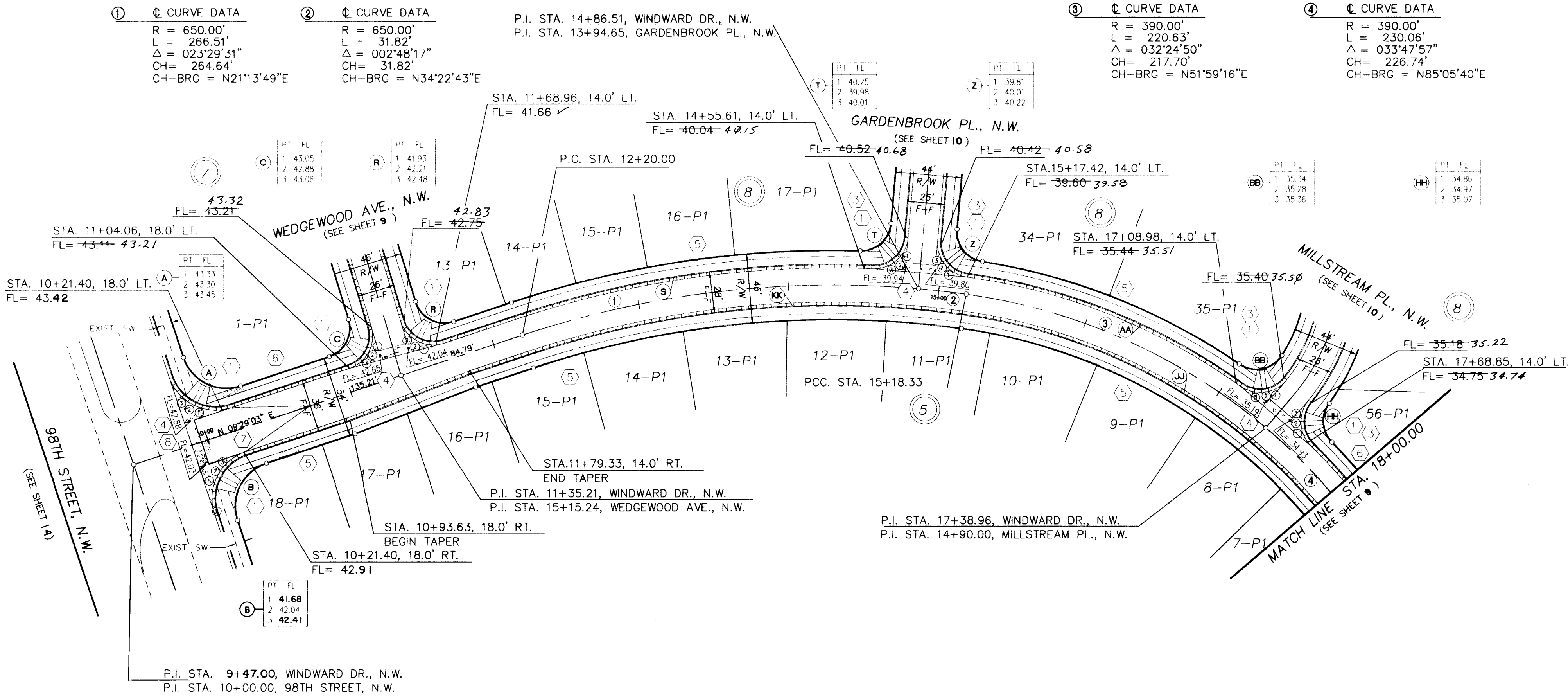
PARK WEST SUBDIVISION
UNIT 3
COMPRISED OF
TRACT B
PARK WEST UNIT 1
SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTIONS 4 + 9, T10N, R2E, NMP.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER 1994
DRB-93-303

ENGINEER'S SEAL			SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION					
			NO.	BY	DATE	ACS BRASS TABLET STAMPED "2-09" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COORS RD. & QUARRY RD. NW. GO WEST ON QUARRY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT, CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM, ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.		CONTRACTOR	SURVEYANCE METHOD			
			1	COMMUNITY SCIENCES	1/93			STATE BY				
								APPROVED BY				
								DATE				
			NO.	DATE	REMARKS							
			REVISIONS									
			DESIGN									
			DESIGNED BY					DATE				
			DRAWN BY					DATE				
			CHECKED BY					DATE				
3 CONTROL PLAN TAILS			ENGINEER					DATE				
TER			N/A RWK					11-21-94				
C. A.			N/A RWK					11-21-94				
SHEET			6					OF 21				

DATE: SEPTEMBER, 1994	SCALE: AS SHOWN	community sciences corporation
JOB NO. 143-24-043	LAND PLANNING P.O. Box 1328 Corrales, N.M. 87046	ENGINEERING SURVEYING Corrales, N.M. 87046
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP		
TITLE: PARKWEST SUBDIVISION - UNIT 3 GRADING AND EROSION CONTROL PLAN SECTIONS AND DETAILS		
APPROVED FOR ROUGH GRADING (1:1)	APPROVALS	ENGINEER
DRG CHAIRMAN	11-11-95	WATER
TRANSPORTATION	11-23-94	WASTE WATER
HYDROLOGY	12-22-94	A.M.A.F.C.A.
PROJECT NO. 4886.93	MAP NO. H-9	SHEET 6 OF 21

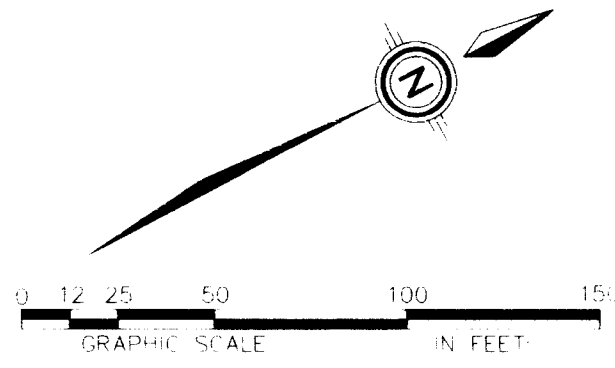
APPROVED FOR ROUGH GRADING (1:1)
11-10-94
DATE

SCANNED BY
BY LASON



WINDWARD DRIVE, N.W.

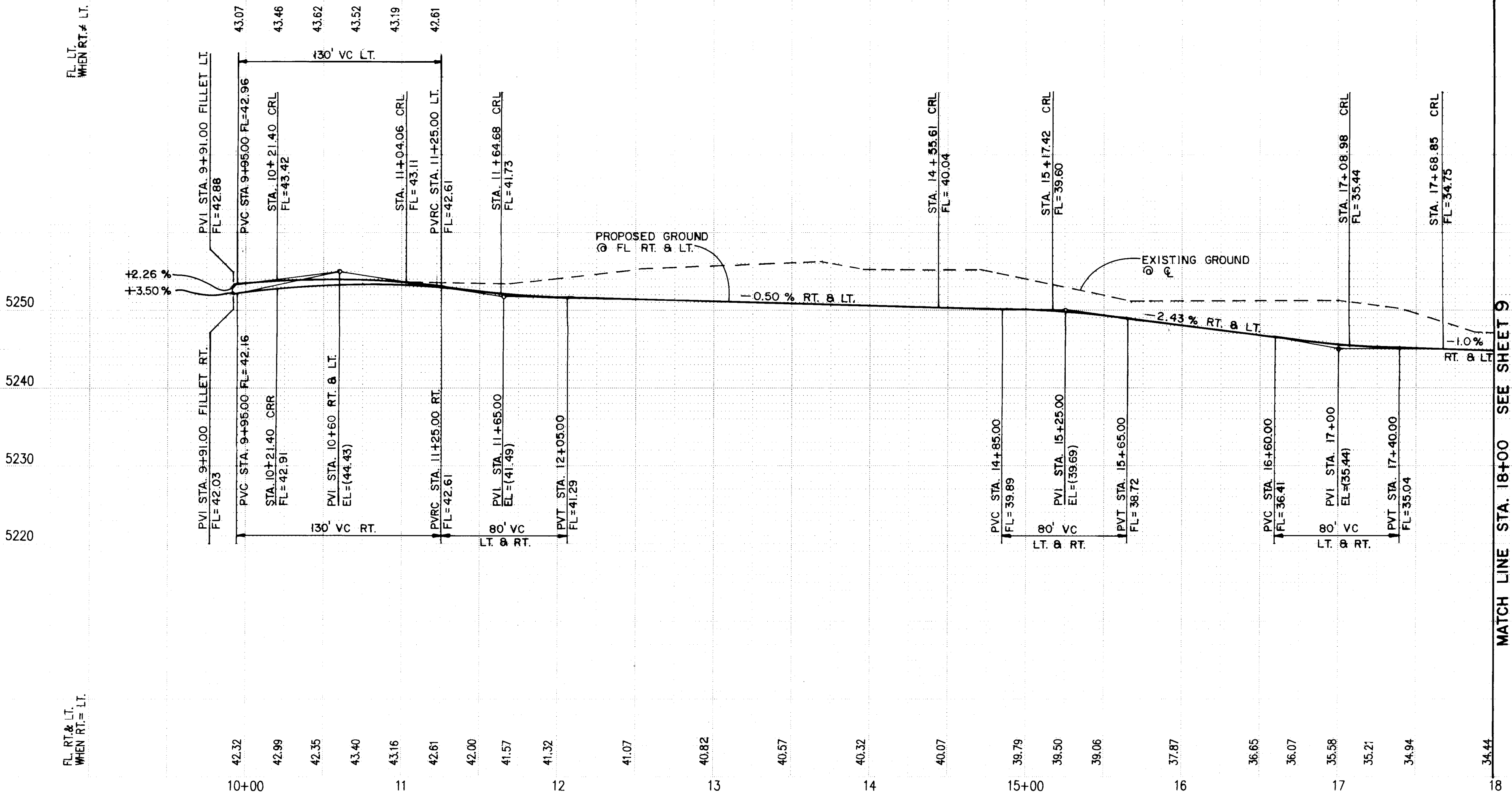
STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 7 FOR STREET SECTION)



CURB CURVE DATA			
Curv ID	Radius	Arc	Delta
A	30.00	47.12	090-00-00
B	30.00	47.12	090-00-00
C	20.00	30.77	088-09-33
T	20.00	32.07	091-51-50
S	664.00	240.69	020-46-07
Z	20.00	30.48	087-16-36
AA	404.00	198.42	028-08-24
BB	20.00	30.63	087-44-53
HH	20.00	29.43	084-19-12
JJ	376.00	434.52	066-12-47
KK	636.00	291.90	026-17-48

- LEGEND
- FL=74.11 PROPOSED CURB FLOWLINE ELEVATION
 - 73.6 EXISTING SPOT ELEVATION (CORND & TO)
 - PROPOSED VALLEY GUTTER/ SIDEWALK
 - EXISTING CURB & GUTTER
 - PROPOSED MOUNTABLE CURB & GUTTER
 - PROPOSED STANDARD CURB & GUTTER
 - CROWN TRANSITION

- KEYNOTES
- WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE 1
 - WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE 4L
 - MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD. DWG. 2418
 - CONC. VALLEY GUTTER PER COA STD. DWG. 2428
 - FUTURE 4' SIDEWALK, BY OTHERS
 - PROPOSED 4' SIDEWALK, THIS CONTRACT
 - 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401
 - REMOVE 100' L.F. OF EXIST. CURB & GUTTER & 115 LF OF EXIST. SIDEWALK



MATCH LINE STA. 18+00 SEE SHEET 9

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.

Ellynn C. Blathorn 12-22-94
Ellynn A. Blathorn, Jr., P.E., New Mexico Civil Registration No. 12070

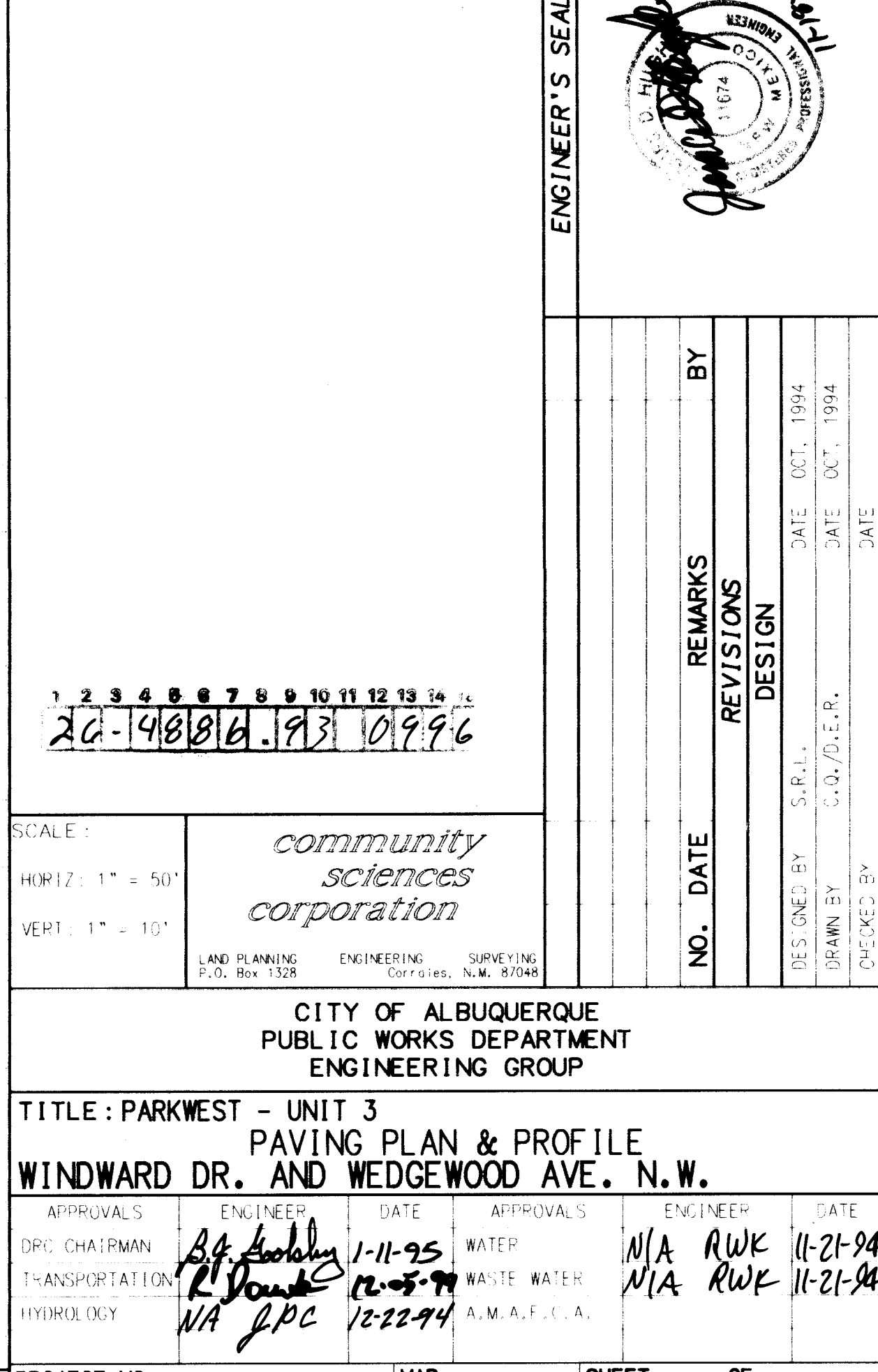
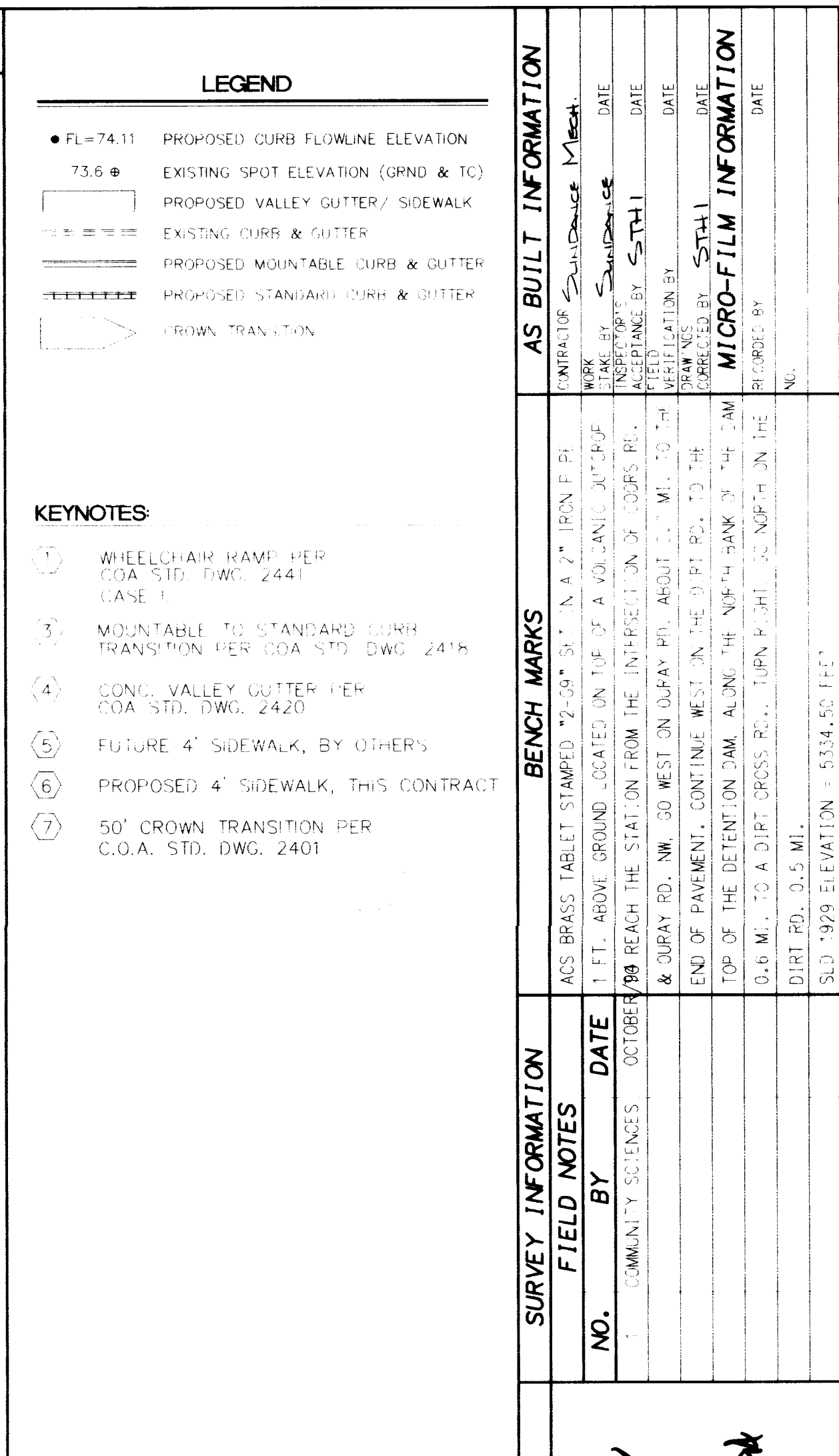
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
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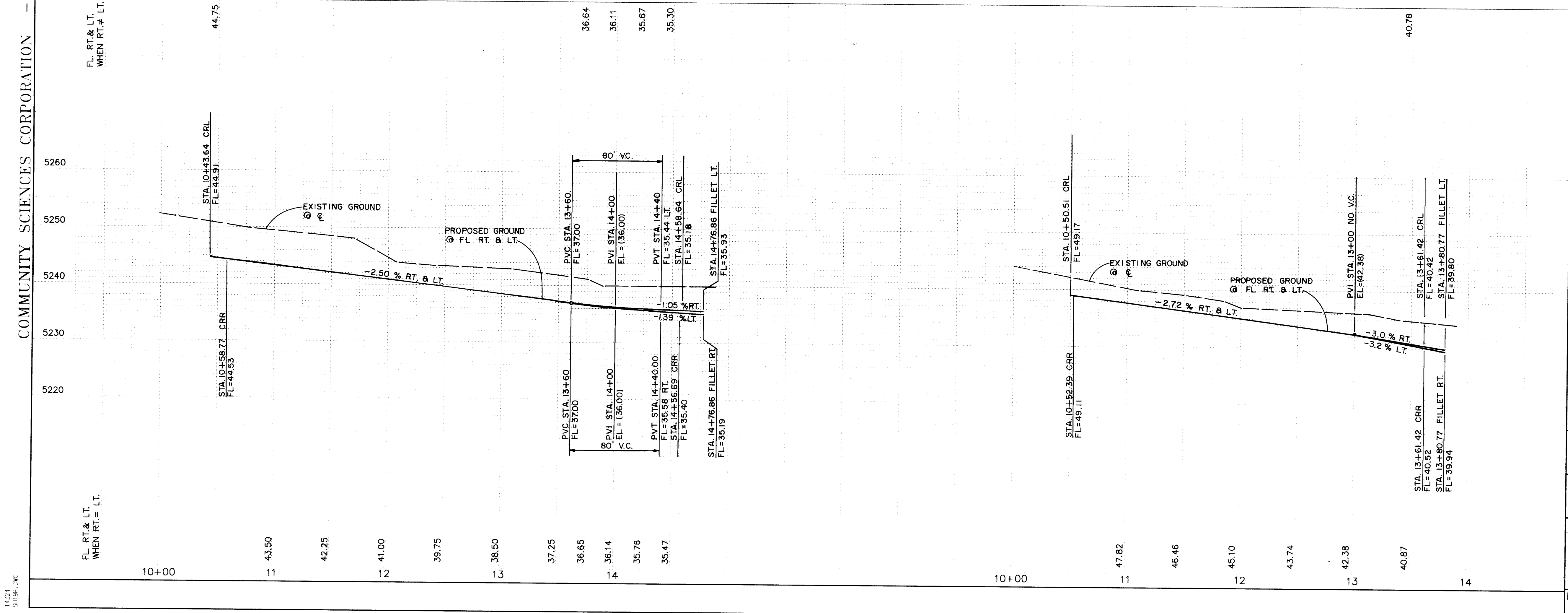
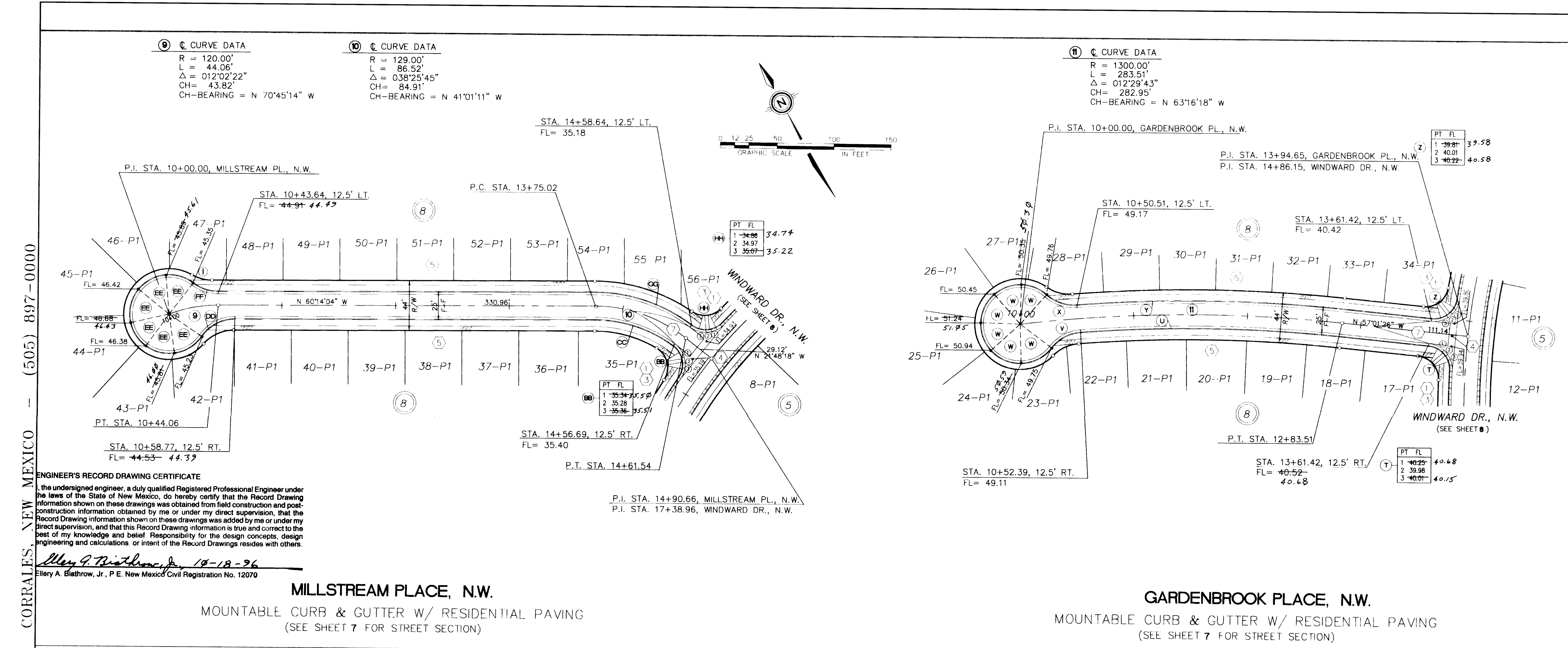
SCALE: HORIZ: 1" = 50' VERT: 1" = 10'

community sciences corporation

LAND PLANNING P.O. Box 1328 ENGINEERING SURVEYING Corrales, N.M. 87048

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: PARKWEST - UNIT 3 PAVING PLAN & PROFILE WINDWARD DRIVE N.W.					
APPROVALS DRG. CHAIRMAN TRANSPORTATION HYDROLOGY	ENGINEER <i>Ellynn C. Blathorn</i> 12-23-94	DATE 1-11-95	APPROVALS WATER WASTE WATER A.M.A.P.C.A.	ENGINEER N/A RWE N/A RWE	DATE 11-21-94 11-21-94
PROJECT NO.	MAP NO.	SHEET	OF		
4886.93	H-9	8	21		



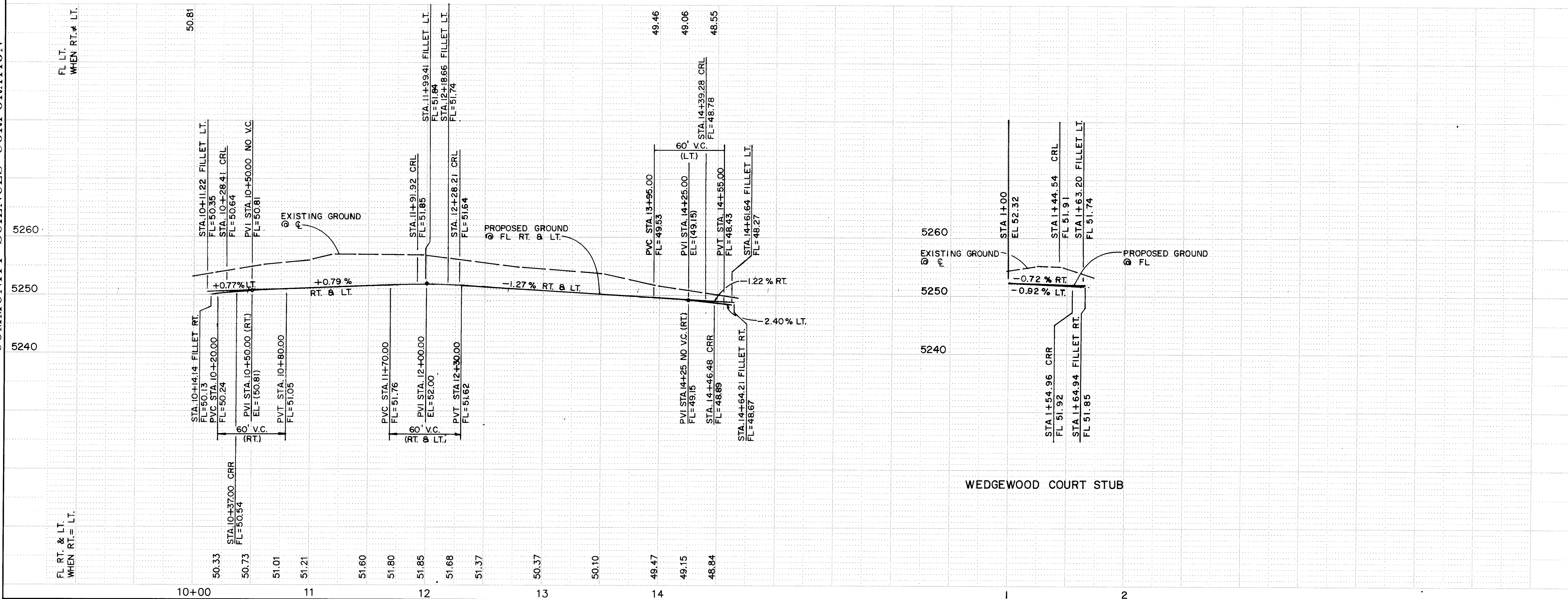


ENGINEER'S RECORD DRAWING CERTIFICATE

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Elery A. Blathrow, Jr., 10-18-96
Elery A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070

WEDGEWOOD COURT, N.W.
MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING
(SEE SHEET 7 FOR STREET SECTION)



⑫ CURVE DATA
R = 34.50'
L = 23.95'
Δ = 056°22'51"
CH = 32.60'
CH-BEARING = N 43°09'26" E

⑬ CURVE DATA
R = 34.50'
L = 23.42'
Δ = 038°53'56"
CH = 22.98'
CH-BEARING = S 89°12'11" E

⑭ CURVE DATA
R = 120.00'
L = 73.41'
Δ = 035°03'06"
CH = 72.27'
CH-BEARING = N 0°07'36" W

⑮ CURVE DATA
R = 34.50'
L = 51.01'
Δ = 084°43'13"
CH = 46.49'
CH-BEARING = S 27°23'36" E

- 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
 - CROWN TRANSITION

KEYNOTES:

- WHEELCHAIR RAMP PER COA STD. DWG. 2441 CASE 1.
- MOUNTABLE TO STANDARD CURB TRANSITION PER COA STD. DWG. 2418
- CONC. VALLEY GUTTER PER COA STD. DWG. 2420
- FUTURE 4' SIDEWALK, BY OTHERS
- 50' CROWN TRANSITION PER C.O.A. STD. DWG. 2401

CURB CURVE DATA			
Curv ID	Radius	Arc	Delta
G	20.00	28.53	081-43-46
H	45.50	22.58	028-25-49
I	20.00	18.58	053-14-18
J	132.50	59.37	025-40-22
K	107.50	39.21	020-53-55
L	20.00	24.95	071-27-54
M	45.50	5.22	006-34-39
N	20.00	34.04	097-30-17
O	20.00	28.97	082-59-48
P	20.00	33.59	096-14-20

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 10'

community
sciences
corporation

LAND PLANNING P.O. Box 1328 ENGINEERING CORRALES, N.M. 87046 SURVEYING

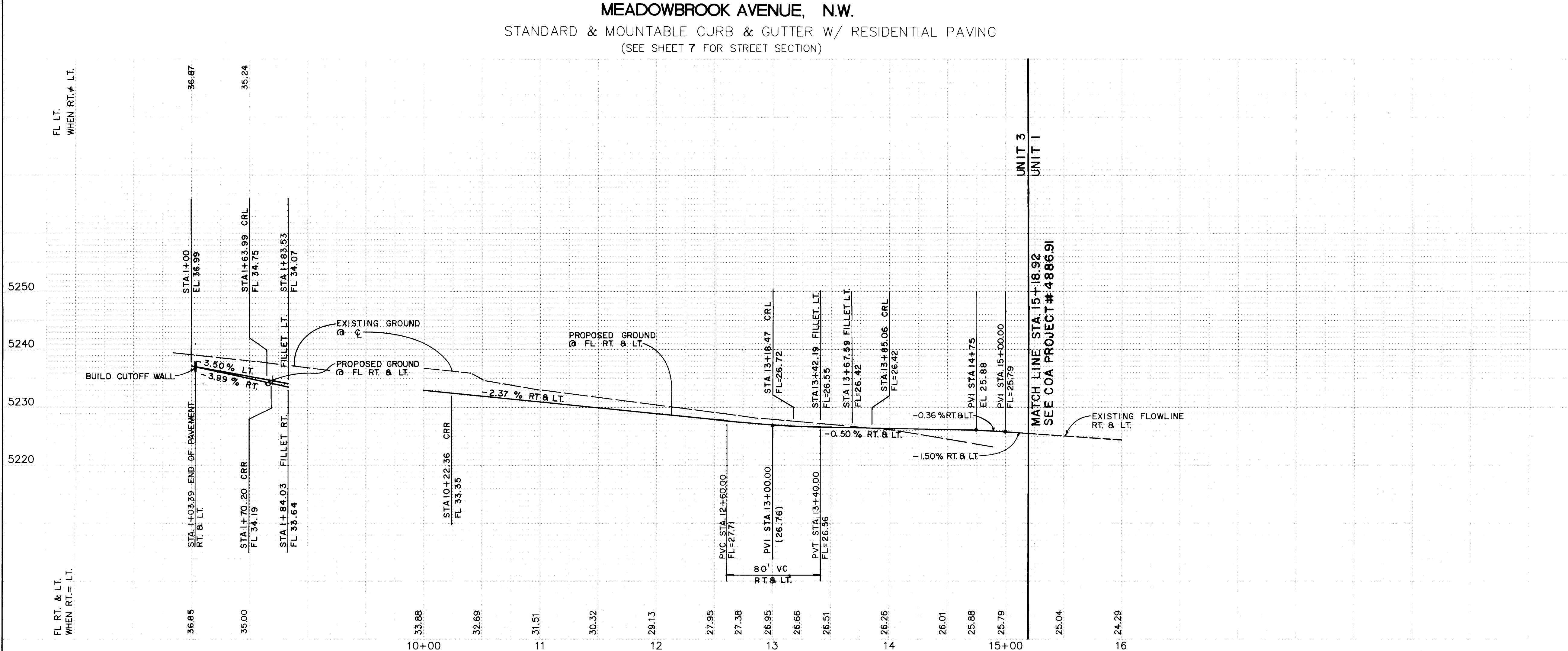
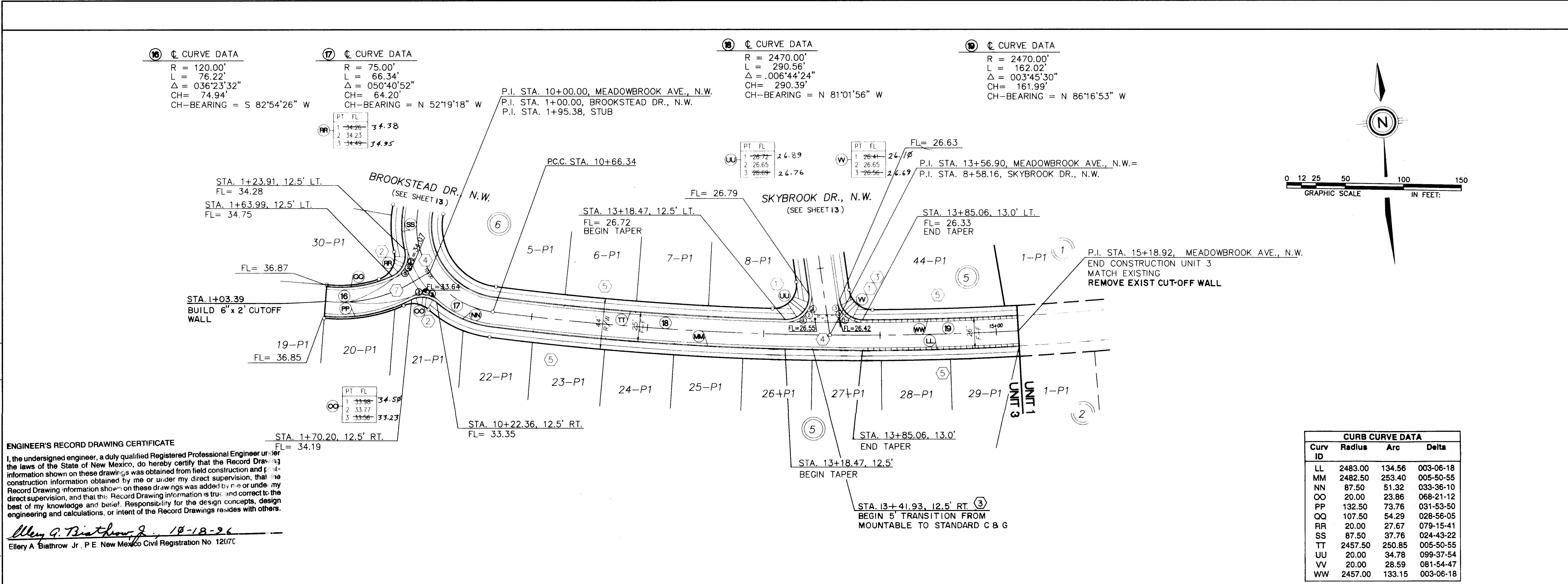
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

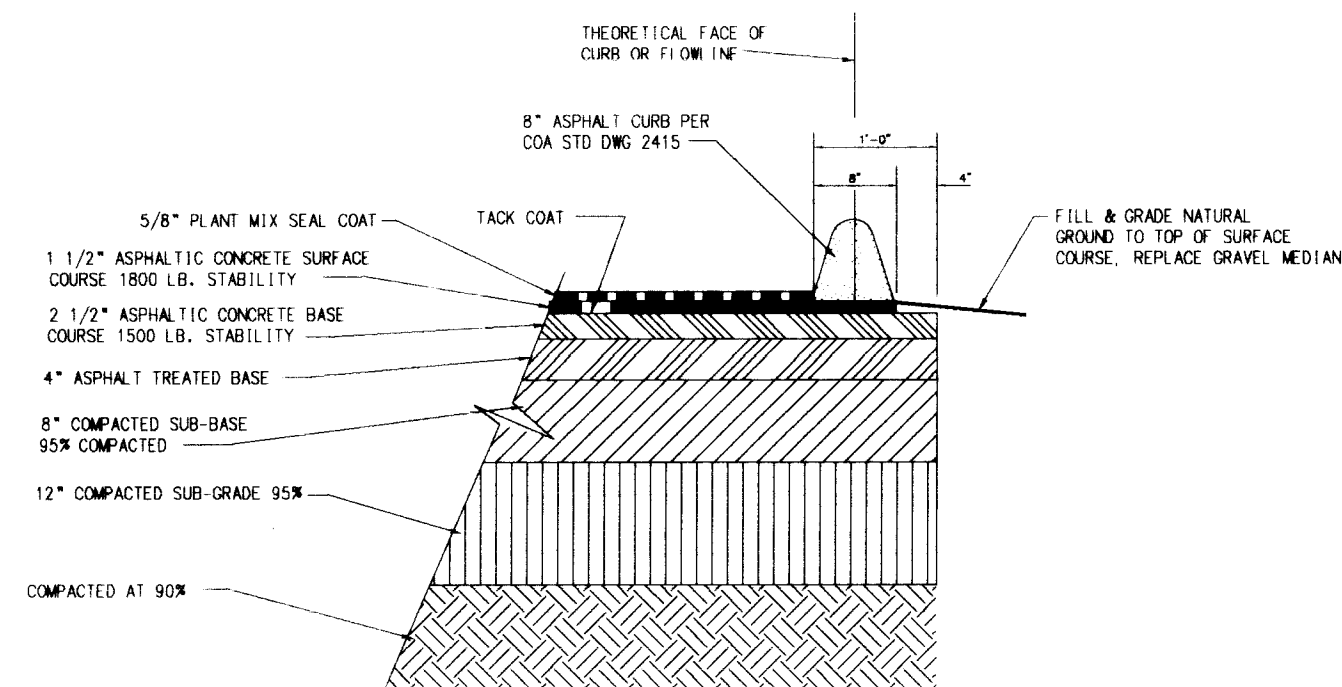
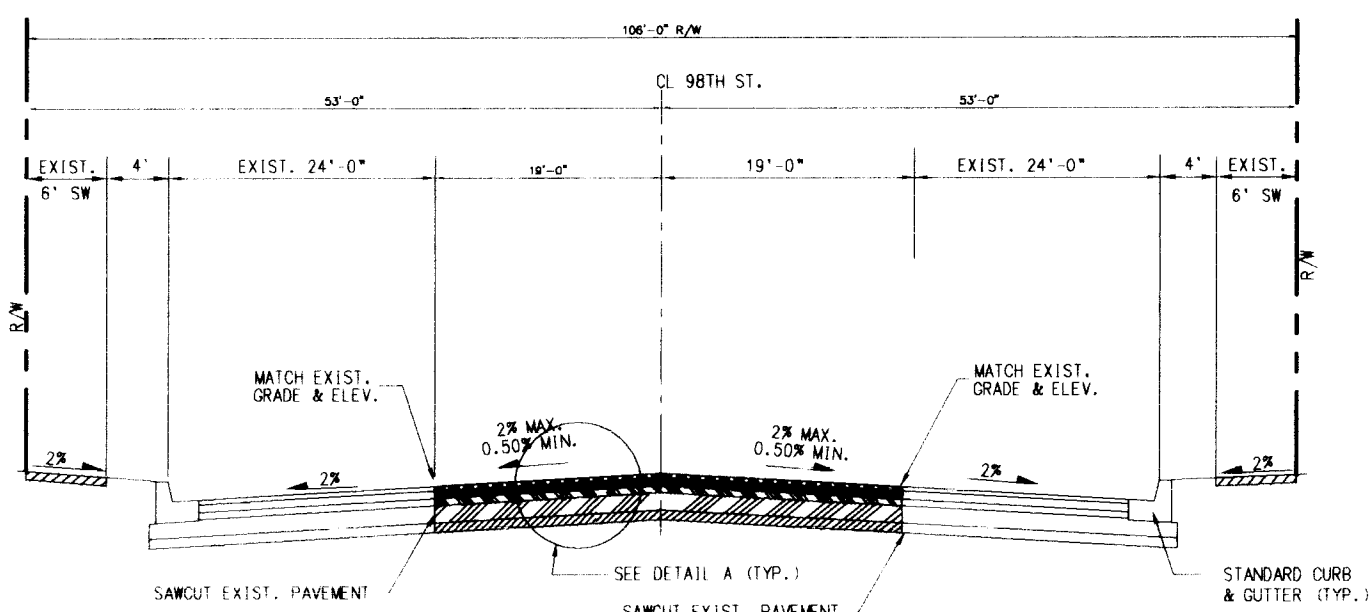
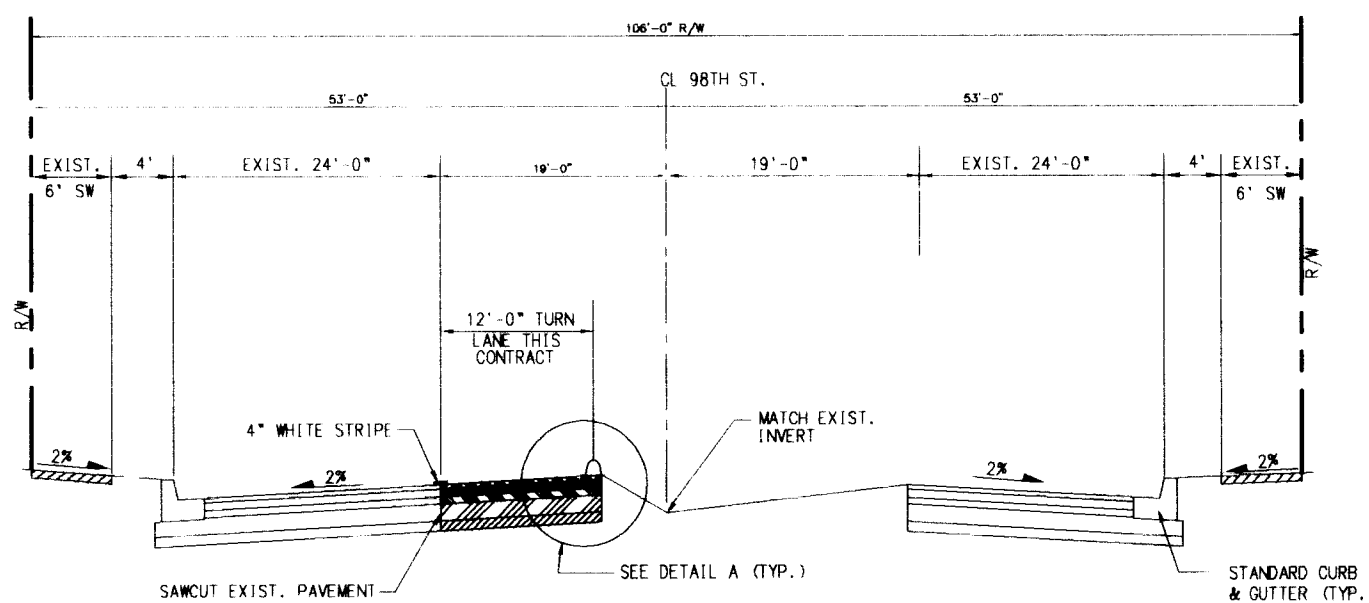
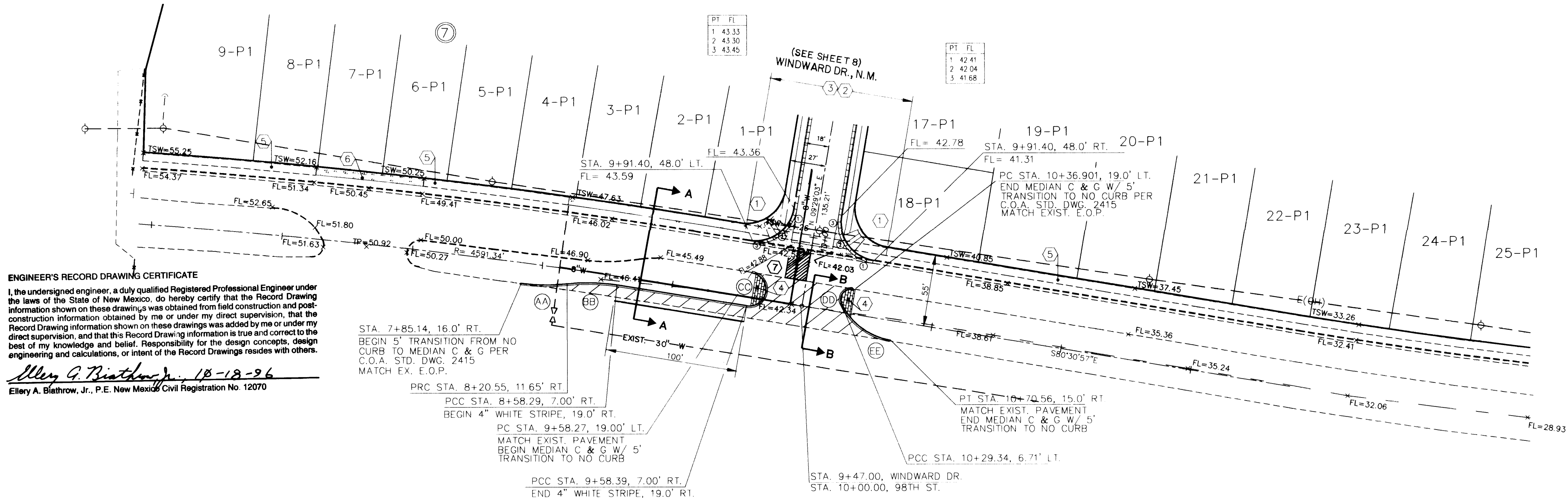
TITLE: PARKWEST - UNIT 3
PAVING PLAN & PROFILE
WEDGEWOOD COURT N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B. A. Blathrow</i>	1-11-95	WATER	N/A RWK	11-21-94
TRANSPORTATION	<i>E. Blathrow</i>	11-23-94	WASTE WATER	N/A RWK	11-21-94
HYDROLOGY	N/A JOC	12-22-94	A.M.A.F.C.A.		

PROJECT NO. 4886.93 MAP NO. H-9 SHEET 11 OF 21

SCANNED BY
BY LASON





SCALE: 1"=50'

JOB NO. 14324-041 LAND PLANNING P.O. Box 1328 ENGINEERING Corrales, N.M. 87046 SURVEYING

community sciences corporation

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING GROUP

**TITLE: PARKWEST-UNIT 3
 PAVING PLAN & PROFILE
 98TH STREET N.W.**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	11-11-95		WATER	N/A RWE	11-21-94
TRANSPORTATION	11-23-94		WASTE WATER	N/A RWE	11-21-94
HYDROLOGY	12-22-94		A.M.A.F.C.A.		

PROJECT NO. 4886.93 MAP NO. H-9 SHEET 14 OF 21



THE STORMDRAIN CATCH BASIN LATERALS HAVE BEEN CHECKED FOR POSSIBLE CONFLICTS WITH THE SANITARY SEWER AND WATERLINES. TO THE BEST OF MY KNOWLEDGE NO CONFLICTS EXIST.

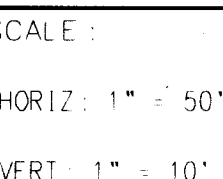
James D. Hughes
JAMES D. HUGHES, P.E.

UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE		
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION		
STORM DRAIN LINE		
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE		
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		

FITTING	LR
8" TEE	9' RUN 20" BRANCH
8" X 6" TEE	7' RUN 5" BRANCH
6" TEE	10' RUN 2" BRANCH
6" X 4" TEE	4' RUN 7" BRANCH
8" X 45° BEND	9'
6"X90° BEND	17'
6" X 22 1/2" BEND	3'
6" X 11 1/4" BEND	2'
8" X 6" REDUCER	25'
8" GATE VALVE	60'
6" GATE VALVE	46'

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 COA
ST DWG 2335 IN ADDITION TO THE
MECHANICAL RESTRAINT
LENGTHS. ALL CAPS SHALL BE
INSTALLED WITH CONCRETE
BLOCKING PER COA ST DWG 2320.
RESTRAIN ALL JOINTS ON FIRE
HYDRANTS.



*community
sciences
corporation*

LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 3
UTILITY PLAN & PROFILE
WINDWARD DRIVE N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B. J. Buckley</i>	1-11-95	WATER	R.W. Kane	11-21-94
TRANSPORTATION	<i>W. H. C. H.</i>	11-23-94	WASTE WATER	R.W. Kane	11-21-94
HYDROLOGY	<i>J. Austin</i>	12-22-94	A.M.A.F.C.A.		

PROJECT NO.	4886.93	MAP NO.	H-9	SHEET	16	OF	21
-------------	---------	---------	-----	-------	----	----	----

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 possession of the information was 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 Drawing resides with others.

Elery A. Biathrow - p 10-18-96
Elery A. Biathrow, Jr., P.E. New Mexico Civil Registration No. 12070

10+00

11

12

13

14

15+00

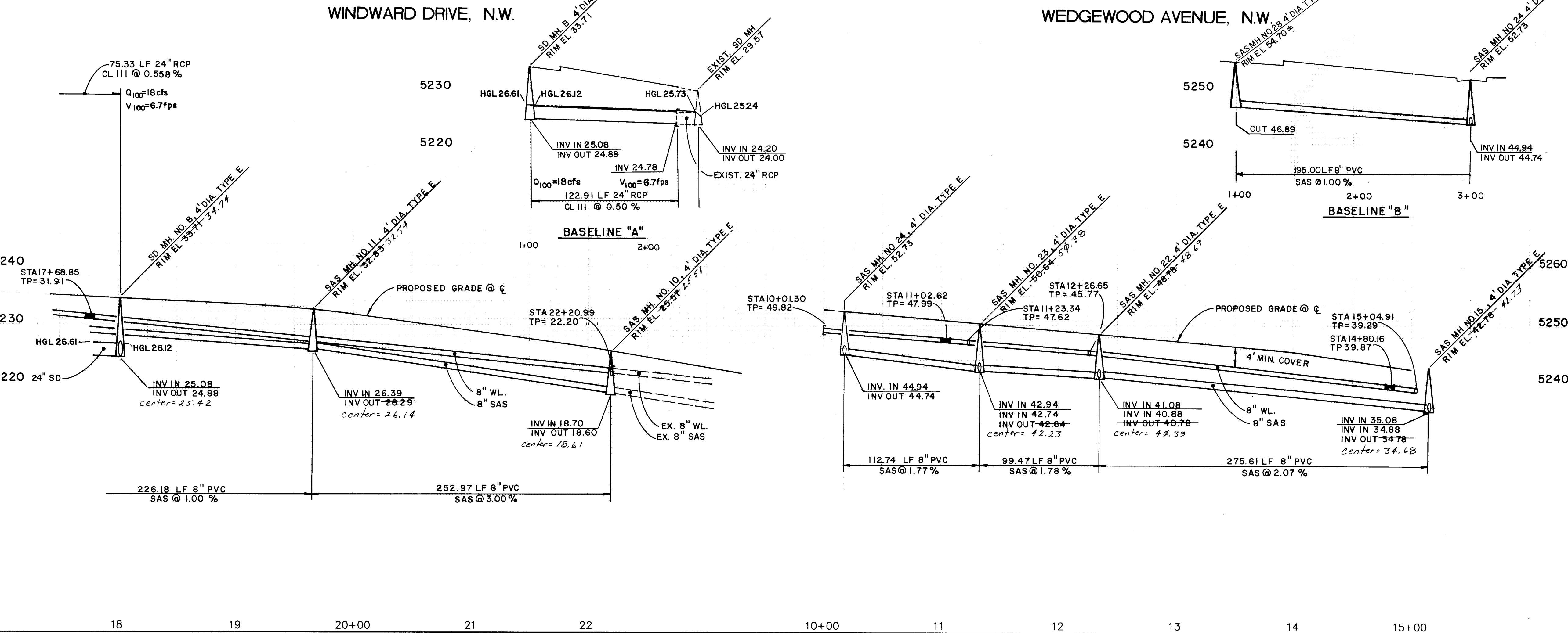
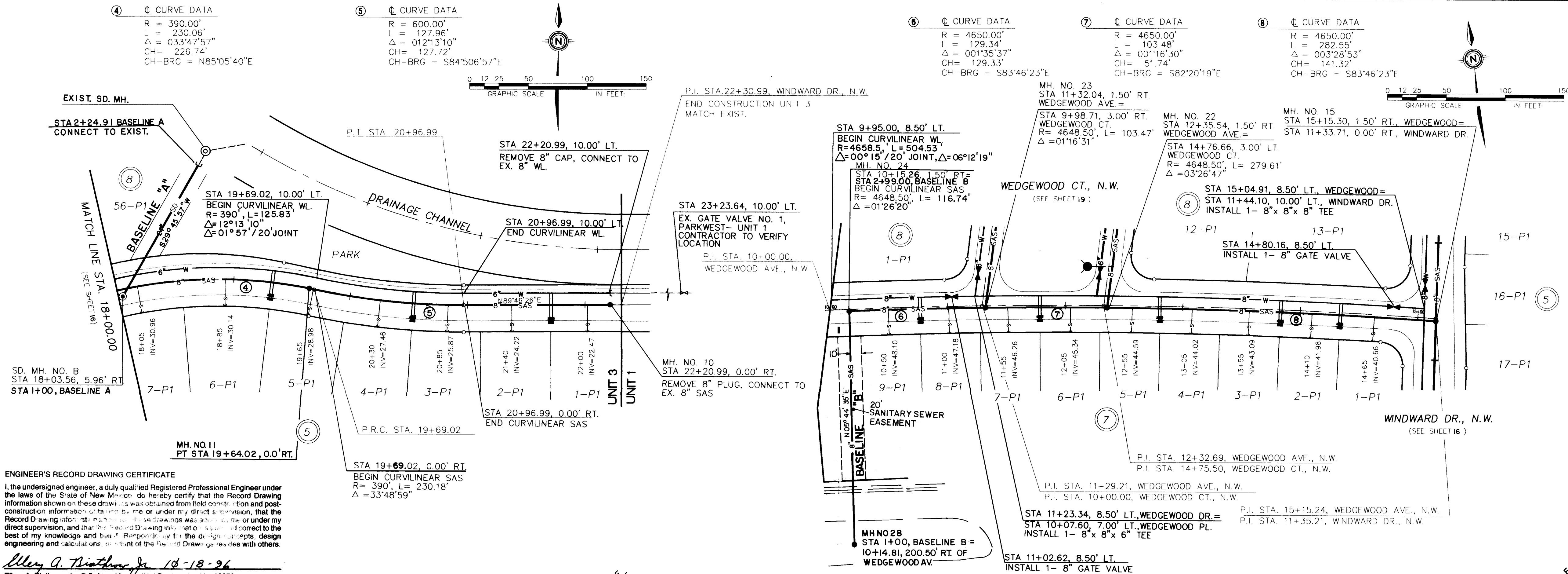
16

17

18

SCANNED BY
BY LASON

SCANNED BY
BY LASON



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	—S—	—S—
ENCASEMENT	—E—	—E—
SANITARY SEWER MANHOLE	—M—	—M—
SAS SERVICE CONNECTION	—SC—	—SC—
STORM DRAIN LINE	—SD—	—SD—
STORM DRAIN MANHOLE	—MD—	—MD—
STORM DRAIN INLETS	—DI—	—DI—
WATER LINE	—W—	—W—
GATE VALVE	—GV—	—GV—
BUTTERFLY VALVE	—BV—	—BV—
FIRE HYDRANTS	—FH—	—FH—
REDUCERS	—R—	—R—
WATER SERVICE METER	—WSM—	—WSM—
TEES	—T—	—T—
CROSSES	—C—	—C—
BENDS	—B—	—B—
CAPS & PLUGS	—CP—	—CP—

RESTRAINING LENGTHS

FITTING	LR
8" TEE	9' RUN 20' BRANCH
8" x 6" TEE	7' RUN 5' BRANCH
6" TEE	10' RUN 2' BRANCH
8" x 4" TEE	4' RUN 7' BRANCH
8" x 45° BEND	9'
6" x 90° BEND	17'
6" x 22 1/2° BEND	3'
6" x 11 1/4° BEND	2'
8" x 6" REDUCER	25'
8" GATE VALVE	60'
6" GATE VALVE	46'

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 COA STD DWG 2335 IN ADDITION TO THE MECHANICALLY RESTRAINED LENGTHS. ALL CAPS SHALL BE INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2320. RESTRAIN ALL JOINTS ON FIRE HYDRANTS.

AS BUILT INFORMATION

CONTRACTOR: *Blathrow*
 DATE: *10-18-96*
 FIELD CHECKED BY: *Blathrow*
 DATE: *10-18-96*
 MICRO-FILM INFORMATION
 DATE: *10-18-96*
 RECORDED BY: *Blathrow*
 DATE: *10-18-96*

ENGINEER'S SEAL

Elery A. Blathrow, Jr.
 P.E. NEW MEXICO
 10-18-96

REVISIONS

NO.	DATE	REVISIONS
1	10-18-96	DESIGN

community sciences corporation

LAND PLANNING
 1001 Box 1528
 CORRALES, N.M. 87008

ENGINEERING
 1001 Box 1528
 CORRALES, N.M. 87008

SURVEYING
 1001 Box 1528
 CORRALES, N.M. 87008

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

**TITLE: PARKWEST - UNIT 3
 UTILITY PLAN & PROFILE
 WINDWARD DRIVE & WEDGEWOOD AVENUE N.W.**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B. G. Smith</i>	1-11-95	WATER	<i>R. W. Kane</i>	11-21-94
TRANSPORTATION	<i>M. R. H.</i>	11-23-94	WASTE WATER	<i>R. W. Kane</i>	11-21-94
HYDROLOGY	<i>J. Smith</i>	12-22-94	A.M.A.F.C.A.		

PROJECT NO. **4886.93** MAP NO. **H-9** SHEET **17** OF **21**

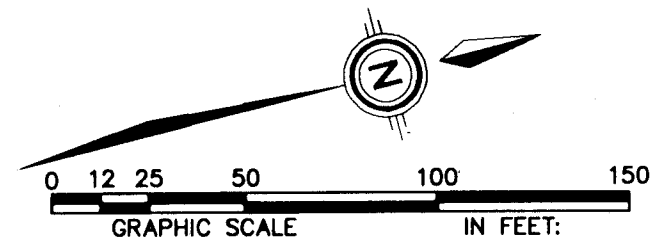


PROJECT NO.	4886.93	MAP NO.	H-9	SHEET	18	OF	21
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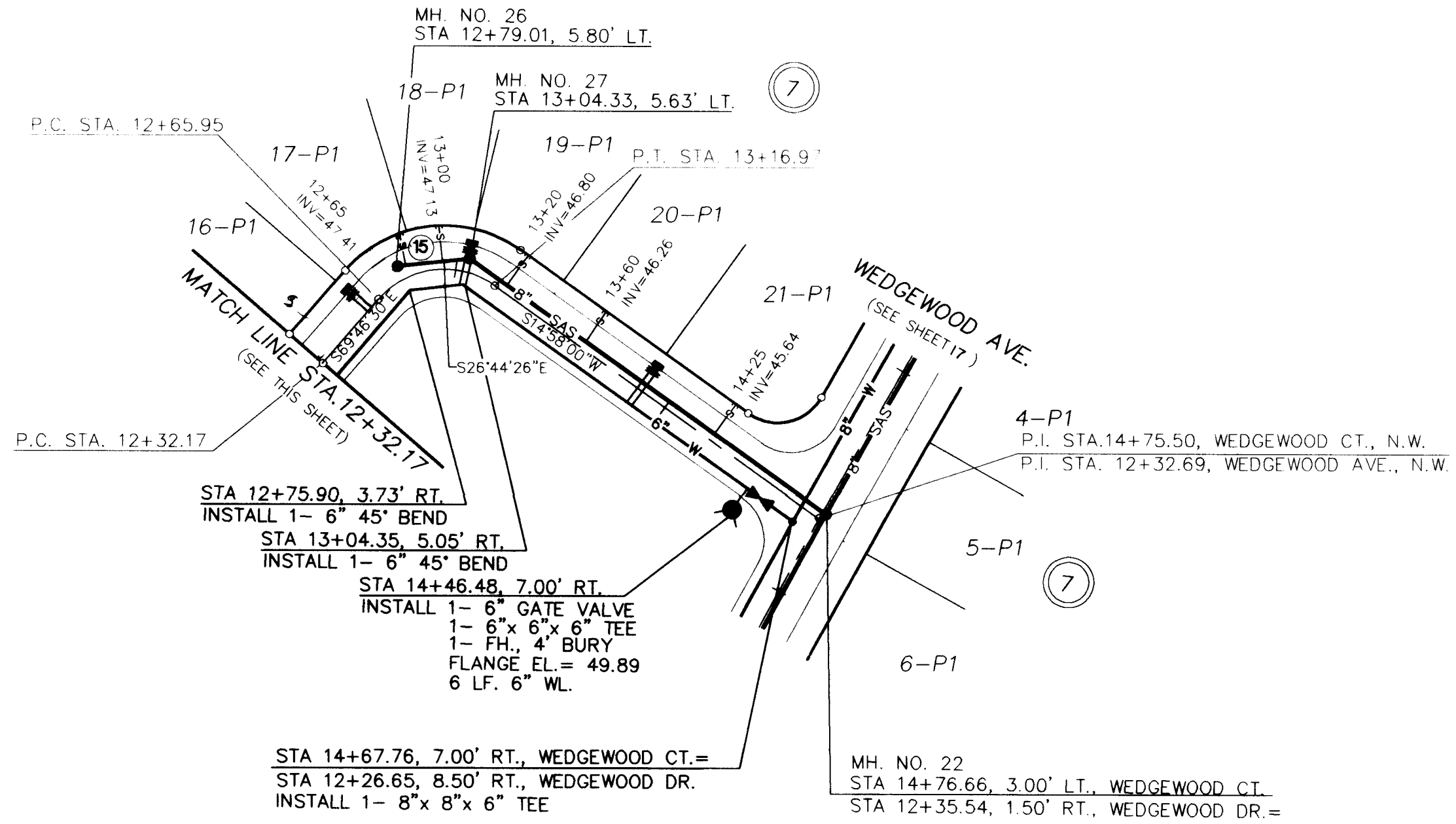
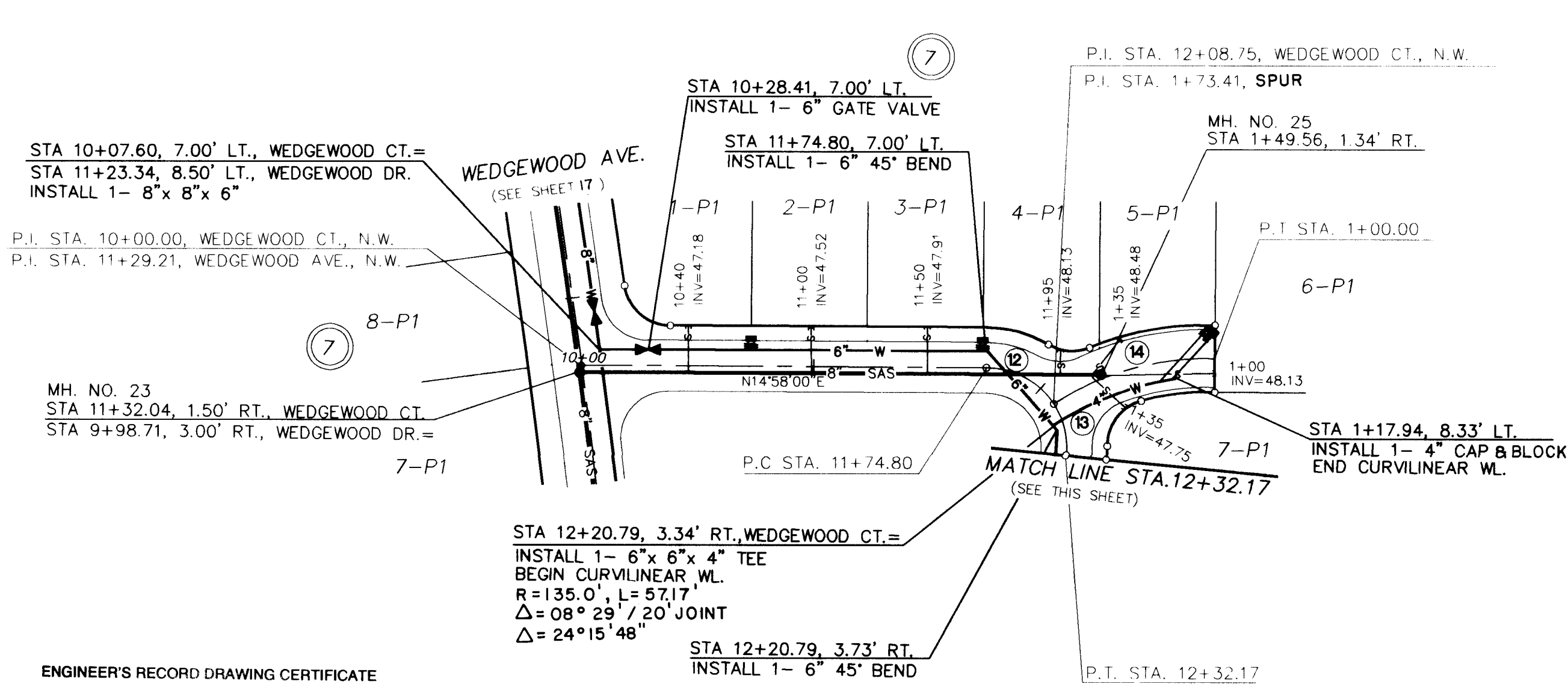
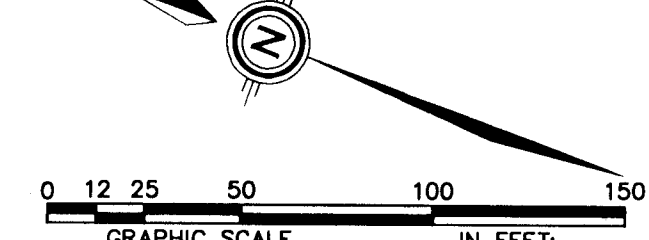
⑫ C CURVE DATA
R = 34.50'
L = 33.95'
Δ = 056°22'51"
CH = 32.60'
CH-BEARING = N 43°09'26" E

⑬ C CURVE DATA
R = 34.50'
L = 23.42'
Δ = 038°53'56"
CH = 22.98'
CH-BEARING = S 89°12'11" E

⑭ C CURVE DATA
R = 120.00'
L = 73.41'
Δ = 035°03'06"
CH = 72.27'
CH-BEARING = N 01°07'36" W



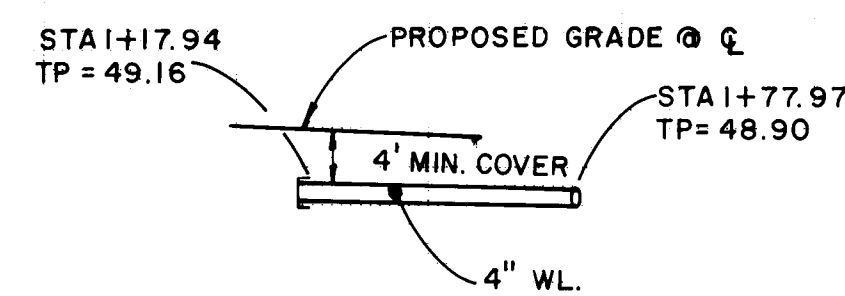
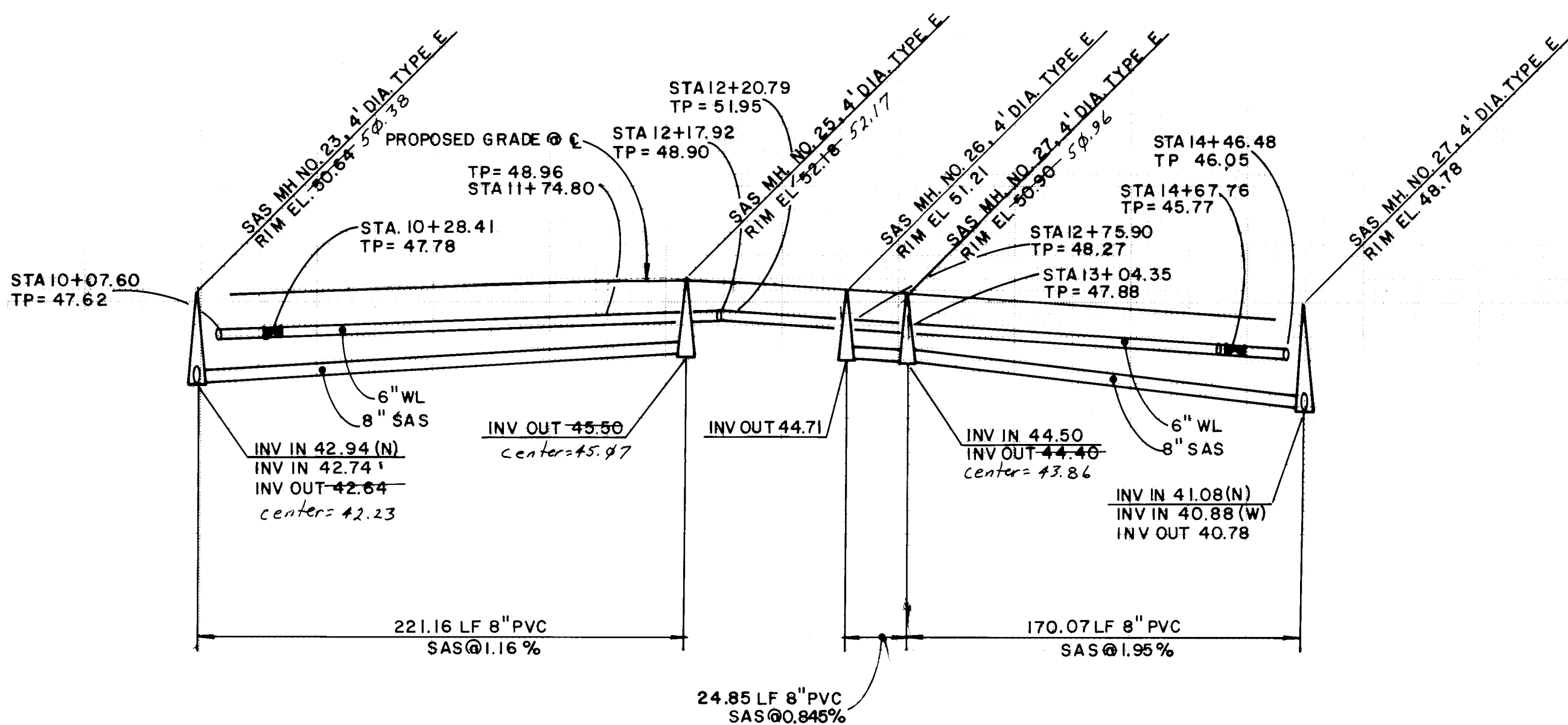
⑮ C CURVE DATA
R = 34.50'
L = 57.37'
Δ = 095°16'47"
CH = 50.99'
CH-BEARING = S 62°36'24" W



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, or under the direct supervision of, 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 Drawing information lies with others.

Elly A. Blathrow, Jr. 10-18-94
Elly A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070

WEDGEWOOD COURT, N.W.



WEDGEWOOD SPUR

UTILITY LEGEND		
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE		
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION		
STORM DRAIN LINE		
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE		
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE / METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		

RESTRAINING LENGTHS	
FITTING	LR
8" TEE	9' RUN 20' BRANCH
8" X 6" TEE	7' RUN 5' BRANCH
6" TEE	10' RUN 2' BRANCH
6" X 4" TEE	4' RUN 7' BRANCH
8" X 45" BEND	9'
6" X 90" BEND	17'
6" X 22 1/2" BEND	3'
6" X 11 1/4" BEND	2'
8" X 6" REDUCER	25'
8" GATE VALVE	60'
6" GATE VALVE	46'

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 COA
STD DWG 2333 IN ADDITION TO THE
MECHANICALLY RESTRAINED
LENGTHS. ALL CAPS SHALL BE
INSTALLED WITH CONCRETE
BLOCKING PER COA STD DWG 2320.
RESTRAIN ALL JOINTS ON FIRE
HYDRANTS.

20-14886.93 1996

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 10'

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sciences
corporation

LAND PLANNING P.O. Box 1328
ENGINEERING Corrales, N.M. 87048
SURVEYING

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: PARKWEST - UNIT 3 UTILITY PLAN & PROFILE WEDGEWOOD COURT N.W.			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	<i>B.A. Blathrow</i>	11-19-95	WATER
TRANSPORTATION	<i>NA</i>	11-23-99	WASTE WATER
HYDROLOGY	<i>JAC</i>	12-22-94	A.M.A.F.C.A.
DESIGNED BY	S.R.L.	DATE	OCT 94
DRAWN BY	A.M.	DATE	OCT 94
CHECKED BY		DATE	
PROJECT NO.	4886.93	MAP NO.	H-9
SHEET	19	OF	21

⑬ C CURVE DATA
R = 75.00'
L = 66.34'
Δ = 050°40'52"
CH = 64.20'
CH-BEARING = N 52°19'18" E

MH. NO. 4
STA 10+05.14, 6.04' RT. MEADOWBROOK=
STA 1+89.68, 5.70' RT. SPUR
END CURVILINEAR SAS

STA 1+27.27, 9.20' LT.
INSTALL 1- 4" CAP
BEGIN CURVILINEAR WL.
R = 152.71, L = 72.71
Δ = 07°30'20" JOINT
Δ = 27°16'56"

MH. NO. 5
STA 1+23.36, 2.76' RT.
BEGIN CURVILINEAR SAS
R = 275.00', L = 67.6'
Δ = 14°05'04"

STA 10+38.66, 8.36' RT.
INSTALL 1- 6" 45° BEND
MH. NO. 3
STA 10+72.44, 1.00' LT.
BEGIN CURVILINEAR SAS
R = 2467.00', L = 282.74'
Δ = 06°33'59"

P.I. STA. 10+00.00, MEADOWBROOK AVE., N.W.
P.I. STA. 1+00.00, BROOKSTEAD DR., N.W.
P.I. STA. 1+95.38, STUB

STA 1+06.82, 7.82' RT., STUB
INSTALL 1- 6"x 6"x 4" TEE

P.C. STA. 10+66.34

SKYBROOK DR., N.W.
(SEE SHEET 21)

STA 10+66.35, 9.00' RT.
INSTALL 1- 6" 11-1/4° BEND
BEGIN CURVILINEAR WL.
R = 2477.0', L = 444.26'
Δ = 00°28'20" JOINT
Δ = 10°16'34"

STA 13+18.47, 9.00' RT.
INSTALL 1- 6" GATE VALVE

⑭ C CURVE DATA
R = 2470.00'
L = 290.56'
Δ = 006°44'24"
CH = 290.39'
CH-BEARING = N 81°01'56" W

P.I. STA. 13+56.90, MEADOWBROOK AVE., N.W.
P.I. STA. 8+58.16, SKYBROOK DR., N.W.

STA 8+68.53, 8.50' LT., SKYBROOK DR.=
STA 13+66.84, 9.00' RT. MEADOWBROOK.
INSTALL 1- 6"x 6"x 6" TEE

MH. NO. 2
STA 13+55.22, 1.00' LT., SKYBROOK=
STA 8+56.90, 1.50' RT., MEADOWBROOK
END CURVILINEAR SAS
BEGIN CURVILINEAR SAS
R = 2467.00', L = 153.75'
Δ = 03°34'15"

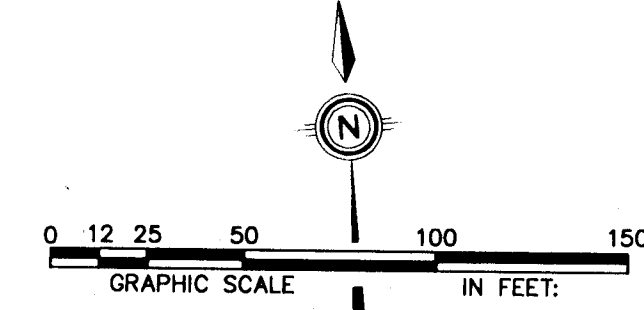
⑮ C CURVE DATA
R = 2470.00'
L = 162.02'
Δ = 003°45'30"
CH = 161.99'
CH-BEARING = N 86°16'53" W

P.I. STA. 15+18.92, MEADOWBROOK AVE., N.W.
END CONSTRUCTION UNIT 3
MATCH EXISTING

STA 16+16.16, 9.00' RT.
PARKWEST, VALVE NO. 2
CONTRACTOR TO VERIFY LOCATION

STA 15+09.04, 1.00' LT.
END CURVILINEAR SAS, UNIT 3
REMOVE PLUG, CONNECT TO EX. 8" SAS

STA 15+08.99, 9.00' RT.
END CURVILINEAR WL, UNIT 3
REMOVE 8" CAP, CONNECT TO EX. 8" WL.
INSTALL 1- 6"x 8" REDUCER



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	—S—8"	—S—8"
ENCASEMENT	—E—	—E—
SANITARY SEWER MANHOLE	—M—	—M—
SAS SERVICE CONNECTION	—SC—	—SC—
STORM DRAIN LINE	—SD—30"	—SD—30"
STORM DRAIN MANHOLE	—MD—	—MD—
STORM DRAIN INLETS	—I—	—I—
WATER LINE	—W—6"	—W—6"
GATE VALVE	—GV—	—GV—
BUTTERFLY VALVE	—BV—	—BV—
FIRE HYDRANTS	—FH—	—FH—
REDUCERS	—R—	—R—
WATER SERVICE / METER	—WS—	—WS—
TEES	—T—	—T—
CROSSES	—C—	—C—
BENDS	—B—	—B—
CAPS & PLUGS	—CP—	—CP—

RESTRAINING LENGTHS

FITTING	LR
8" TEE	9' RUN 20' BRANCH
8" X 6" TEE	7' RUN 5' BRANCH
6" TEE	10' RUN 2' BRANCH
6" X 4" TEE	4' RUN 7' BRANCH
8" X 45° BEND	9'
6" X 90° BEND	17'
6" X 22 1/2° BEND	3'
6" X 11 1/4° BEND	2'
8" X 6" REDUCER	25'
8" GATE VALVE	60'
6" GATE VALVE	46'

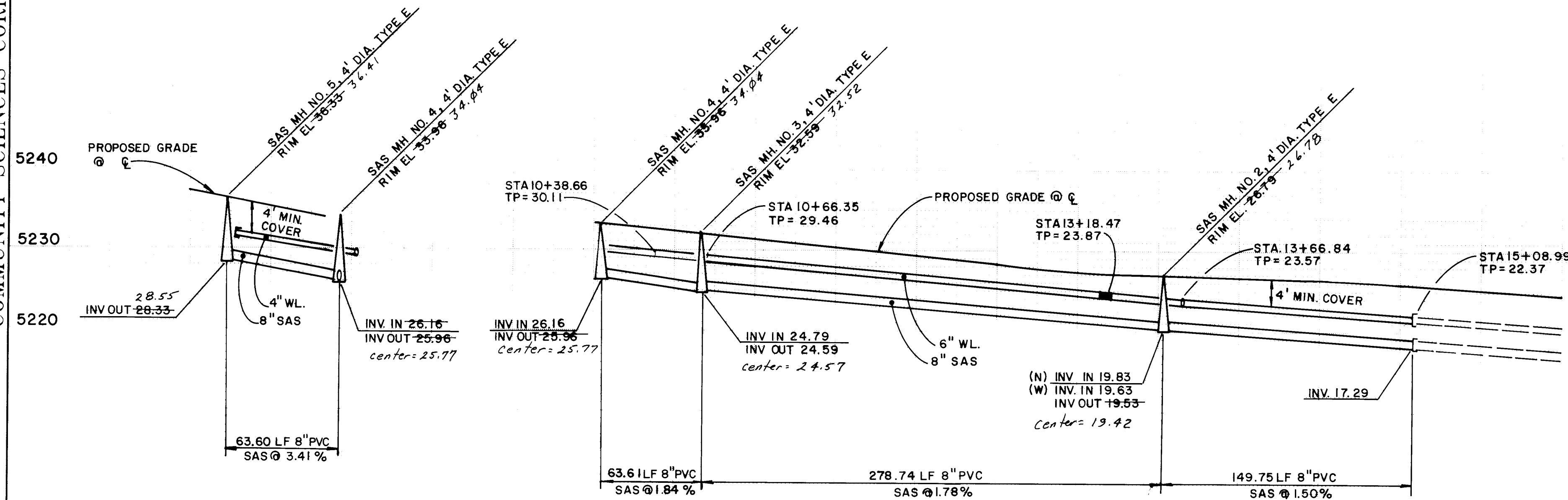
LR = LENGTH TO BE RESTRAINED
EACH SIDE OF THE FITTING. FOR
TEES, ALL THREE LEGS SHALL BE
RESTRAINED FOR A DISTANCE OF
"LR". FOR REDUCERS, "LR" IS GIVEN
FOR THE LARGER DIAMETER SIDE
OF THE FITTING AND NO
RESTRAINING IS REQUIRED ON THE
SMALL SIDE OF THE FITTING. GATE
VALVES SHALL BE MECHANICALLY
RESTRAINED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

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 observation and post-construction information obtained by me or under my direct supervision, that the Record Drawing information is shown on these drawings is true and correct to the best of my knowledge and belief. I am not responsible for the design, design engineering and calculations, or intent of the Record Drawing or its use with others.

Ellen A. Blathrow 10-18-96
Ellen A. Blathrow, Jr., P.E. New Mexico Civil Registration No. 12070

MEADOWBROOK AVENUE, N.W.



MEADOWBROOK SPUR

SCALE:
HORIZ. 1" = 50'
VERT. 1" = 10'

community
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corporation
P.O. Box 1328
ENGINEERING
SURVEYING
CORALES, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 3
UTILITY PLAN & PROFILE
MEADOWBROOK AVENUE N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>BA Blathrow</i>	1-11-95	WATER	<i>R.W. Kane</i>	11-21-94
TRANSPORTATION	<i>NA</i>	11-23-94	WASTE WATER	<i>R.W. Kane</i>	11-21-94
HYDROLOGY	<i>NA</i>	12-22-94	A.M.A.P.C.A.		

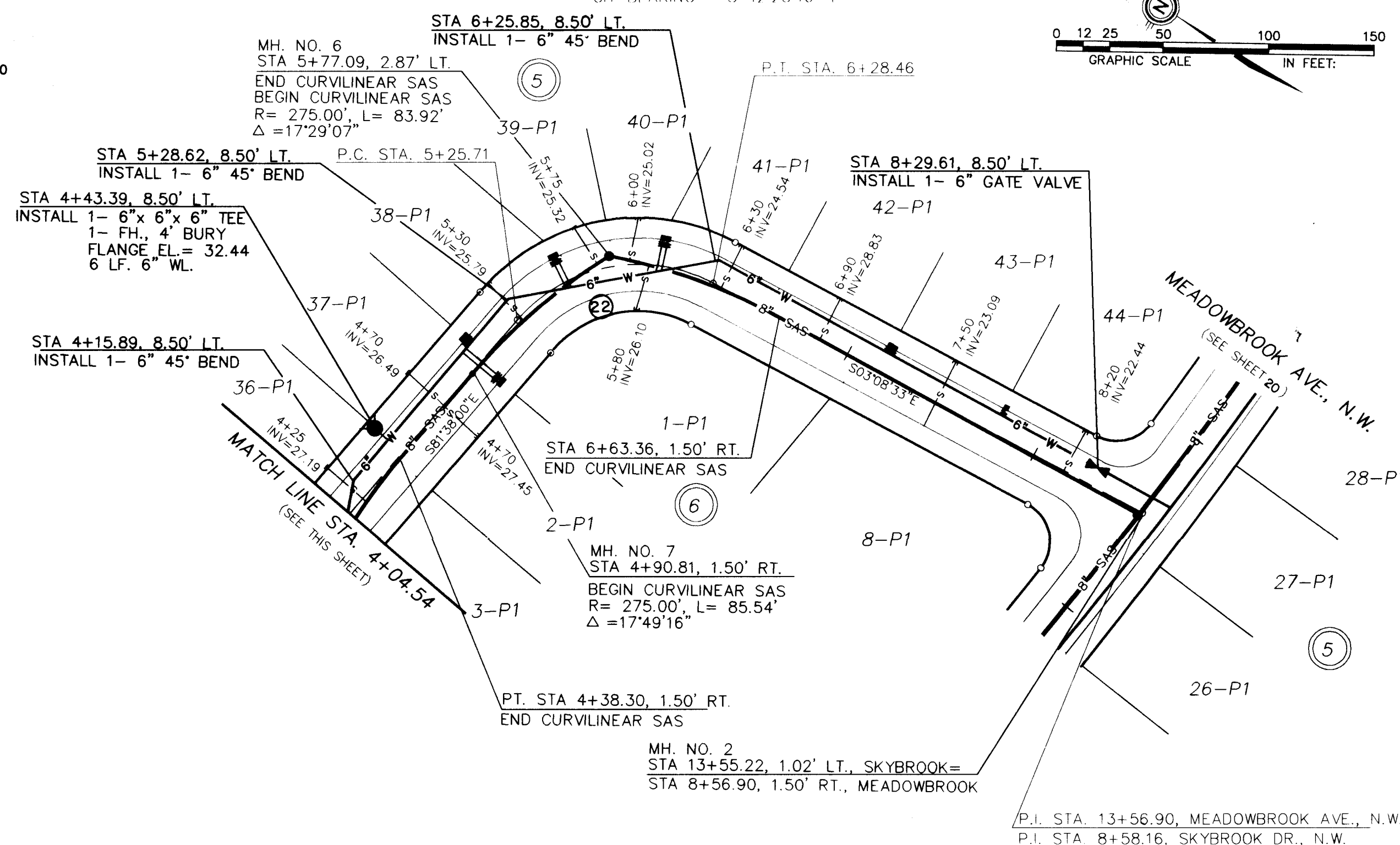
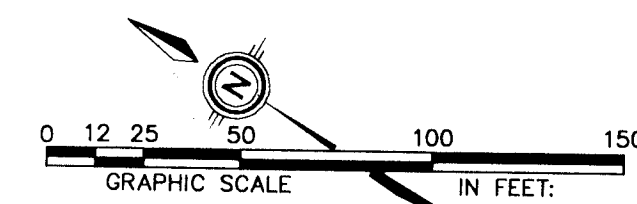
PROJECT NO. 4886.93
MAP NO. H-9
SHEET 20 OF 21

21 C CURVE DATA

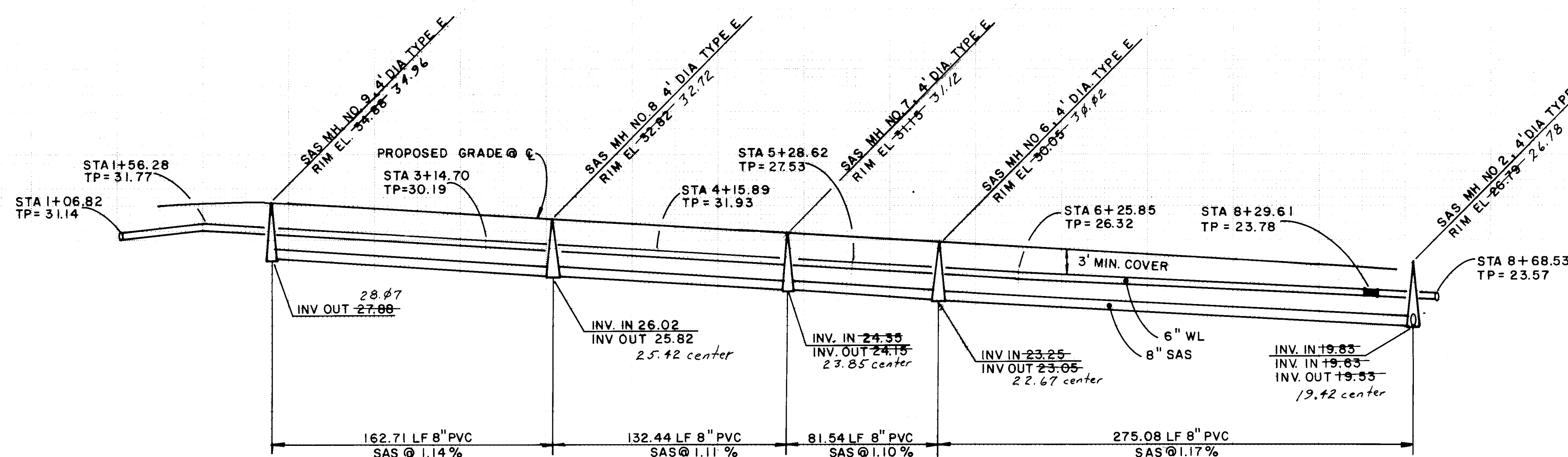
R = 75.00'
L = 78.94'
 $\Delta = 060^{\circ}18'26''$
CH = 75.35'
CH-BEARING = N 68°12'47" E

22 CURVE DATA

R = 75.00'
L = 102.74'
 $\Delta = 078^{\circ}29'27''$
CH = 61.27'
CH-BEARING = S 42°23'16" E



SKYBROOK DRIVE N.W.



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE		
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION		
STORM DRAIN LINE		
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE		
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE / METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		

FITTING	LR
8" TEE	9' RUN 20' BRANCH
8" X 6" TEE	7' RUN 5' BRANCH
6" TEE	10' RUN 2' BRANCH
6" X 4" TEE	4' RUN 7' BRANCH
8" X 45° BEND	9'
6" X 90° BEND	17'
6" X 22 1/2° BEND	3'
6" X 11 1/4° BEND	2'
8" X 6" REDUCER	25'
8" GATE VALVE	60'
6" GATE VALVE	46'

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 COA
STD DWG 2333 IN ADDITION TO THE
MECHANICALLY RESTRAINED
UPPER END CAPS. ALL CAPS
SHALL BE INSTALLED WITH
CONCRETE BLOCKING PER COA
STD DWG 2320. RESTRAIN
ALL JOINTS ON FIRE
HYDRANTS.

ENGINEER'S SEAL										SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION		
 <i>D. Hughes</i>										FIELD NOTES		ACS BRASS TABLET STAMPED "2'-03" SET IN A 2" IRON PIPE 1 FT. ABOVE GROUND LOCATED ON TOP OF A VOLCANIC OUTCROP TO REACH THE STATION FROM THE INTERSECTION OF COOPS RD. & CURRY RD. NW. GO WEST ON OURAY RD. ABOUT 0.7 MI. TO THE END OF PAVEMENT. CONTINUE WEST ON THE DIRT RD. TO THE TOP OF THE DETENTION DAM ALONG THE NORTH BANK OF THE DAM 0.6 MI. TO A DIRT CROSS RD., TURN RIGHT, GO NORTH ON THE DIRT RD. 0.5 MI.		CONTRACTOR <u>Schwartz Mgmt.</u> WORK BY <u>Schwartz</u> INSPECTOR'S <u>Schwartz</u> AGE-PAGE BY <u>STH</u> VERIFICATION BY <u>STH</u> DRAWINGS SCALE BY <u>STH</u> MICRO-FILM INFORMATION RECORDED BY _____ DATE _____ NO. _____		
										NO.	BY					DATE
										1	COMMUNITY SCIENCES					OCT. 94
										DESIGNED BY S.R.L.						DATE OCT. 94
										DRAWN BY A.M.						DATE -OCT. 94
										CHECKED BY _____		DATE _____				
										APPROVED BY _____		DATE _____				
VERQUE ARTMENT GROUP										NO. DATE		REMARKS				
												DESIGN				
PROFILE OK DRIVE N.W.										DESIGNED BY		DATE				
APPROVALS ENGINEER										DRAWN BY		DATE				
R.W. Kane										R.W. Kane		11-21-94				
F.C.A.										F.C.A.		11-21-94				
9										SHEET		21		OF 21		

SCALE :
HORIZ. 1" = 50'
VERT. 1" = 10'

community
sciences
corporation

LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corralles, N.M. 8704

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARKWEST - UNIT 3
UTILITY PLAN & PROFILE
BROOKSTEAD DRIVE & SKYBROOK DRIVE N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B.G. Audley</i>	<i>1-11-95</i>	WATER	<i>R.W. Kane</i>	<i>11-21-9</i>
TRANSPORTATION	<i>NA RHO</i>	<i>11-23-99</i>	WASTE WATER	<i>R.W. Kane</i>	<i>11-21-9</i>
HYDROLOGY	<i>NA JPC</i>	<i>12-22-94</i>	A.M.A.F.C.A.		

PROJECT NO.	4886.93	MAP NO.	H-9	SHEET	21	OF	21
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SCANNED BY
BY LASON