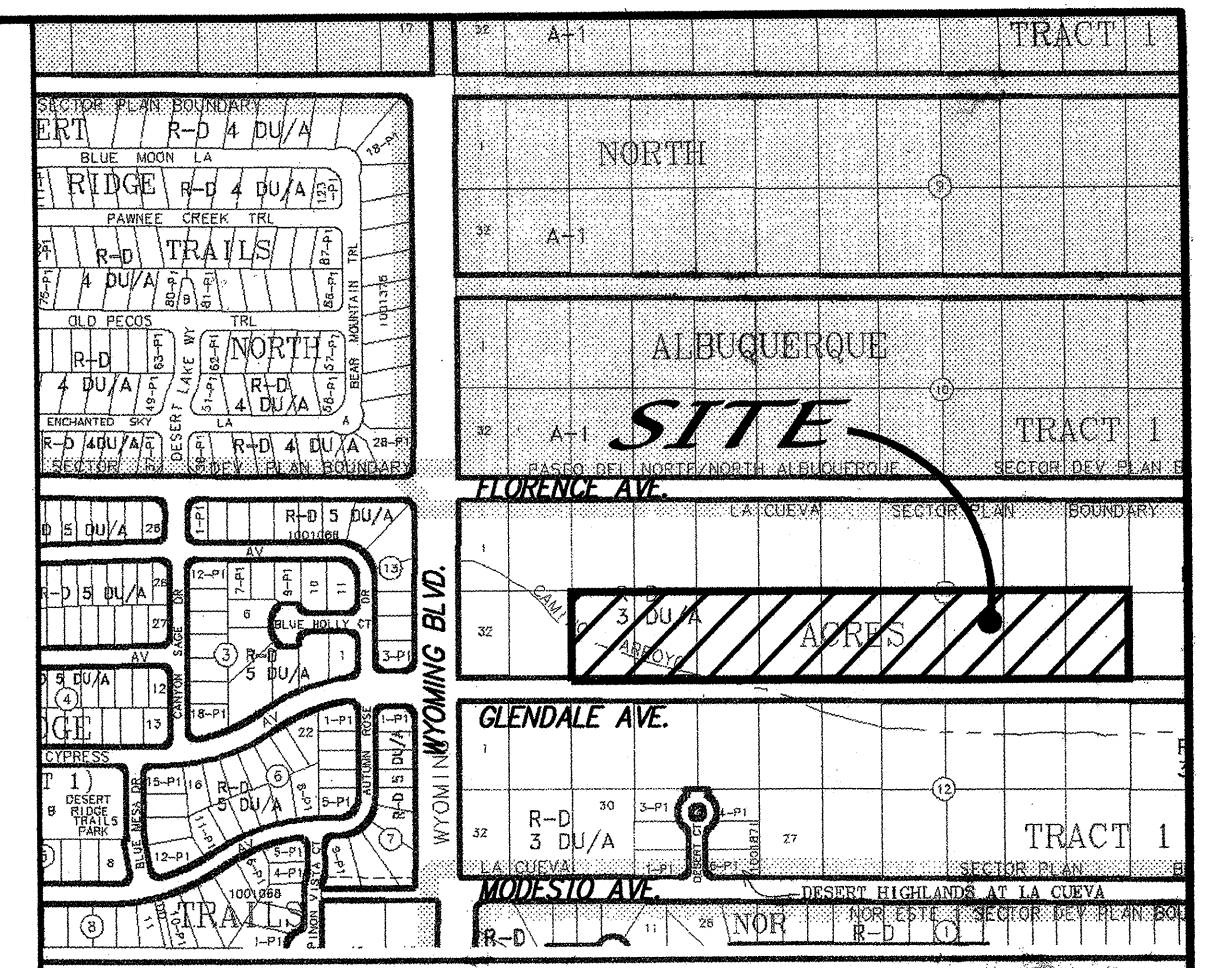


CONSTRUCTION PLANS
FOR
Trail
MOUNTAIN ~~RIDGE~~
SUBDIVISION
ALBUQUERQUE, NEW MEXICO



VICINITY MAP ZONE ATLAS: B-19
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
12. FOR STORM DRAIN CONSTRUCTION, JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
13. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☒ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSIONED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

dmg
D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2-X	PLAT
4	GRADING & DRAINAGE PLAN
5	MASTER PAVING PLAN
6-8	PAVING IMPROVEMENTS
9	MASTER UTILITY PLAN
10-11	UTILITY IMPROVEMENTS

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This certification is based on site inspections by me or personnel under my direction, and survey information provided by ALS, Inc., NMPS number 7719.

Gregory J. Krenik
NMPE 11929

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 1/6/2006
BRYAN WOLFE, P.E.

NOTE: Non-comparing Asphalt For MERISALLA (Sta 17+00 to 22+80). Check For 385 sent To Home owners Assoc. of Mountain Trail.

SURVEYOR'S CERTIFICATION

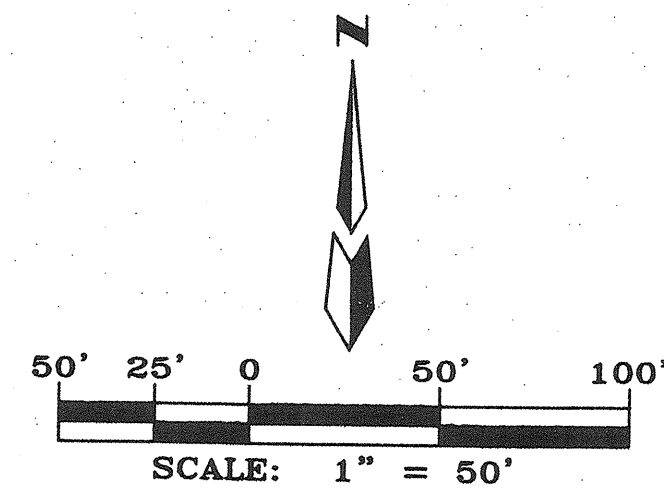
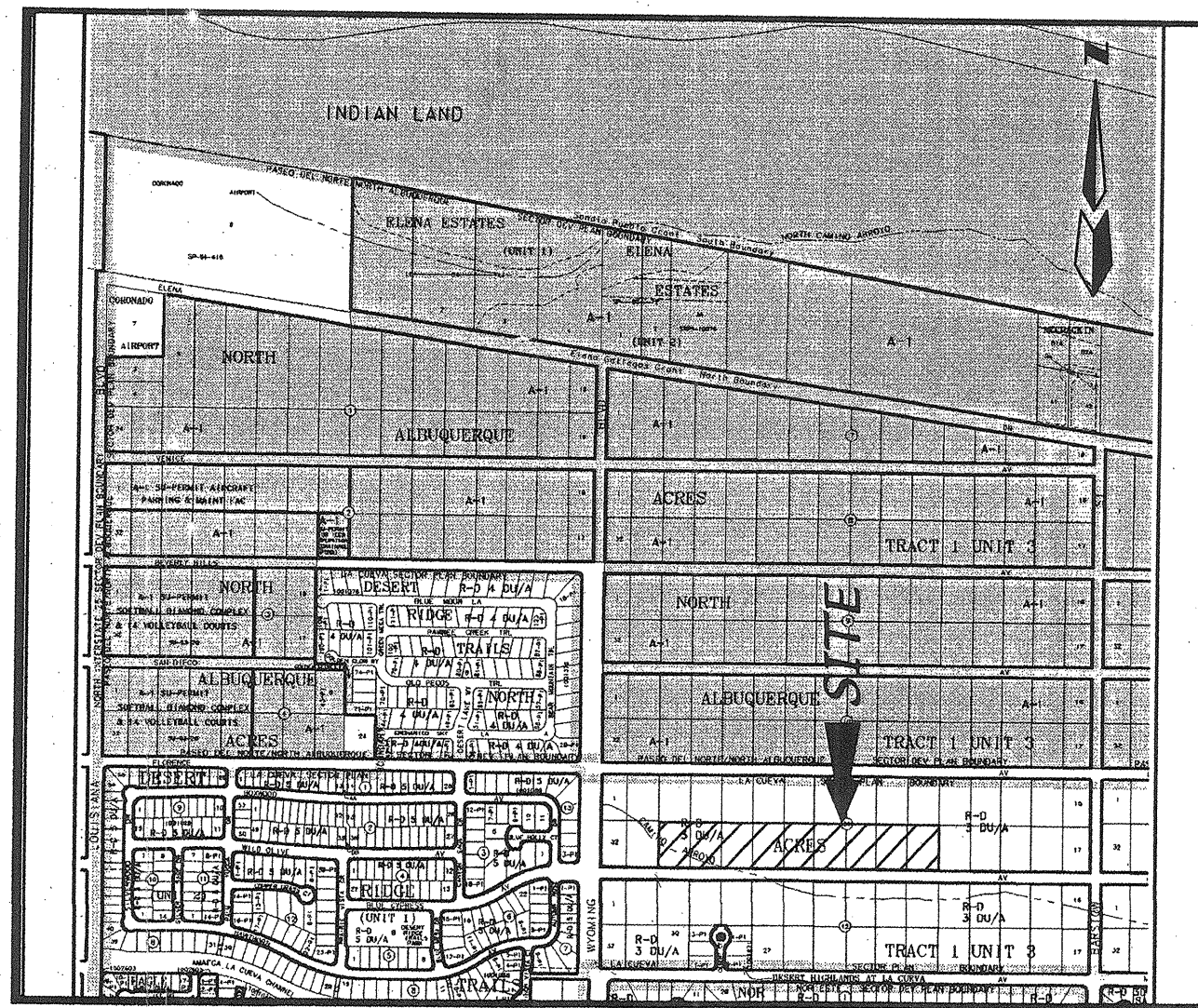
I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings is true and correct to the best of my knowledge and belief. Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

Timothy Aldrich, P.S. No. 7719

DRB NO.

1003417

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****APPROVED FOR CONSTRUCTION*****		
DRC CHAIRMAN		TRANSPORTATION	11-3-04	10/14/04	CITY ENGINEER DATE 1-06-05		
WATER/WASTEWATER		HYDROLOGY	10/13/04	10/13/04			
AMAFCA		CONSTR. MNGMT.	10/13/04	10/13/04			
CONSTR. COORD.		CITY PROJECT NO.	745981	11-3-04			
SHEET		OF	1	11			



SITE BENCHMARK

ACS MONUMENT
"1-B20"
ELEVATION=5474.53
(SLD 1929)

SUBDIVISION DATA

GROSS ACREAGE 9.0066 AC
ZONE ATLAS NO. B-19-Z
NO. OF EXISTING LOTS 9 LOTS
NO. OF LOTS CREATED 27 LOTS
NO. OF LOTS ELIMINATED 9 LOTS
R/W AREA DEDICATED TO CITY 1.0240 AC
ZONING RD, (3 DU/AC)
DATE OF SURVEY JUNE, 2003

OWNERS

ALPHA EQUITIES, LLC
PO BOX 10005
ALBUQUERQUE, N.M. 87184
(505) 822-5562

ENGINEERS

D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

SURVEYOR

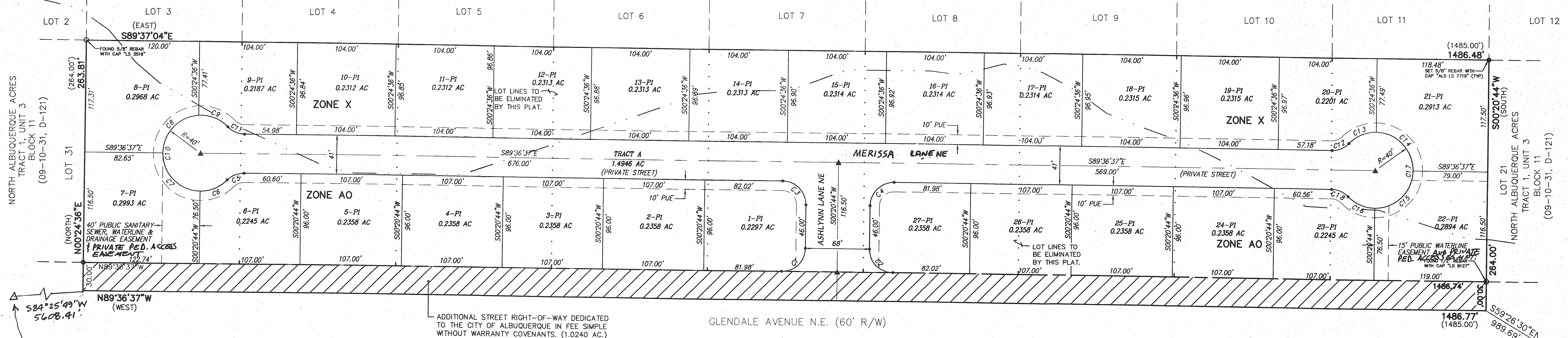
ALDRICH LAND SURVEYING
P.O. BOX 30701
ALBUQUERQUE, N.M. 87190
(505) 884-1990

AMENDED PRELIMINARY PLAT

Trail
MOUNTAIN SUBDIVISION
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTION 7
TOWNSHIP 11 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE, 2004

ZONE ATLAS: B-19-Z

NORTH ALBUQUERQUE ACRES
TRACT 1, UNIT 3
BLOCK 11
(09-10-31, D-121)



ADDITIONAL STREET RIGHT-OF-WAY DEDICATED
TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE
WITHOUT WARRANTY COVENANTS. (1.0240 AC.)

GLENDALVE AVENUE N.E. (60' R/W)

ACS MONUMENT
"10-C18"
Y=1524061.42
X=402319.45
C-G=0.9996613
Δα=0°11'11.8"
CENTRAL ZONE
(NAD 1927/SLD 1929)
ELEVATION=5219.410

ACS MONUMENT
"1-B20"
Y=1524092.46
X=410237.56
C-G=0.99964740
Δα=0°10'43"
CENTRAL ZONE
(NAD 1927/SLD 1929)
ELEVATION=5474.533

NOTES:

- UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHALL BE MARKED BY A #5 REBAR W/CAP STAMPED "ALS LS 7719" (TYP).
- ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THUS: ▲, WILL BE MARKED BY A FOUR INCH (4") ALUMINUM CAP STAMPED:

"CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION"
"DO NOT DISTURB"
PS#7719"
- BOUNDARY SHALL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
- BASIS OF BEARING SHALL BE NEW MEXICO STATE PLANE GRID BEARINGS.
- ALL DISTANCES SHALL BE GROUND DISTANCES.
- MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.
- TRACT "A" IS A PRIVATE STREET OWNED AND MAINTAINED BY AND FOR THE HOMEOWNERS ASSOCIATION OF MOUNTAIN RIDGE SUBDIVISION. TRACT "A" IS ALSO ENCUMBERED BY A PUBLIC WATER, SANITARY SEWER AND DRAINAGE EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE.
- ALL OPEN SPACE REQUIREMENTS ARE MET ON THIS LOT WITH THE DWELLING PER THE PROVISIONS OF SECTION 14-6-3-8(A)(1).

LEGAL DESCRIPTION

A tract of land situate, within the Elena Gallegos Grant, projected Section 7, Township 11 North, Range 4 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico being all of LOTS 22 thru 30, BLOCK 11, TRACT 1, UNIT 3, NORTH ALBUQUERQUE ACRES as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on September 10, 1931 in Volume D, Folio 121, together with a portion of Glendale Avenue NE, and containing 9.0066 acres more or less.

PURPOSE OF PLAT

- Subdivide Lots 22 thru 30, Block 11, North Albuquerque Acres Tract 1, Unit 3 into 27 residential lots and 1 tract.
- Grant easements as shown hereon.
- Dedicate Right-of-way as shown hereon.

OWNER
Rhett Waterman
Managing Member Alpha Equities, LLC

APPROVED FOR MONUMENTATION AND STREET NAMES

City Surveyor, City of Albuquerque, N.M.

Date

ALDRICH LAND
SURVEYING
P.O. BOX 30701, ALBU, N.M. 87190
505-884-1990

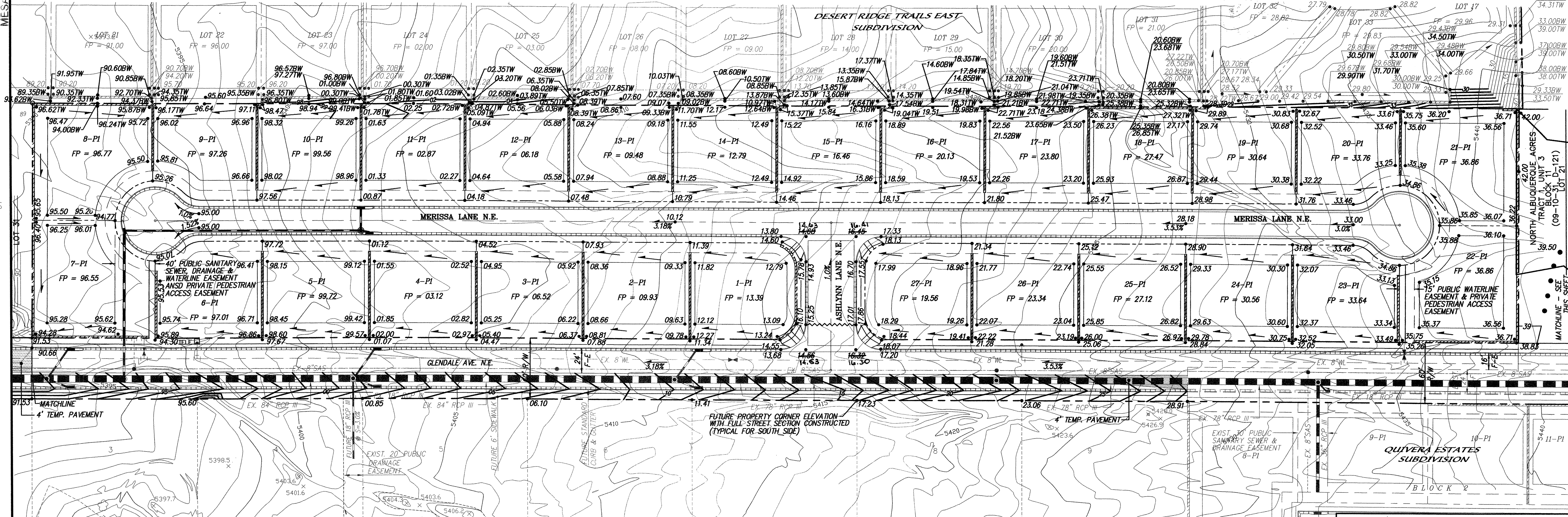
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745981

SHEET 2 OF 11

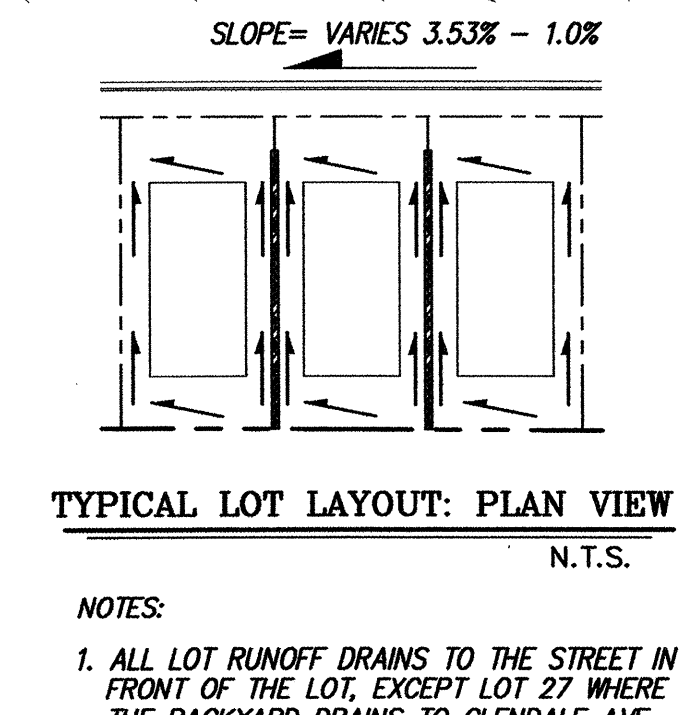
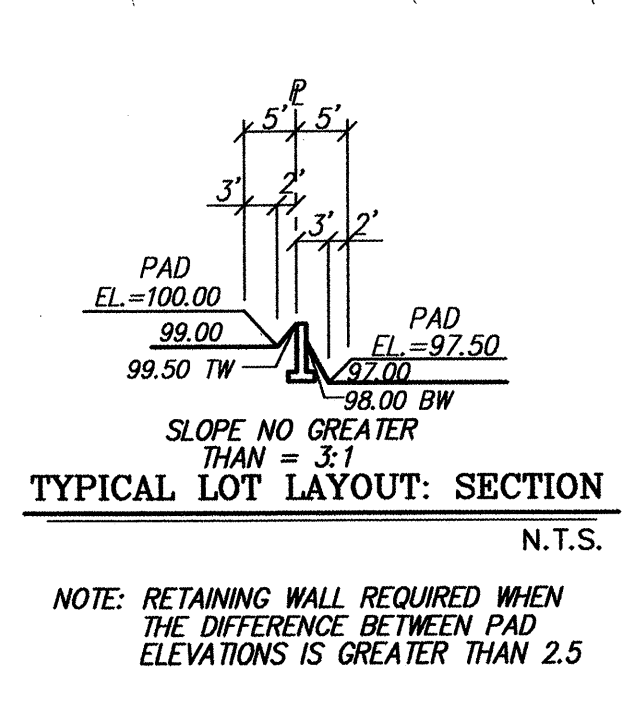
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MESA REPAIR

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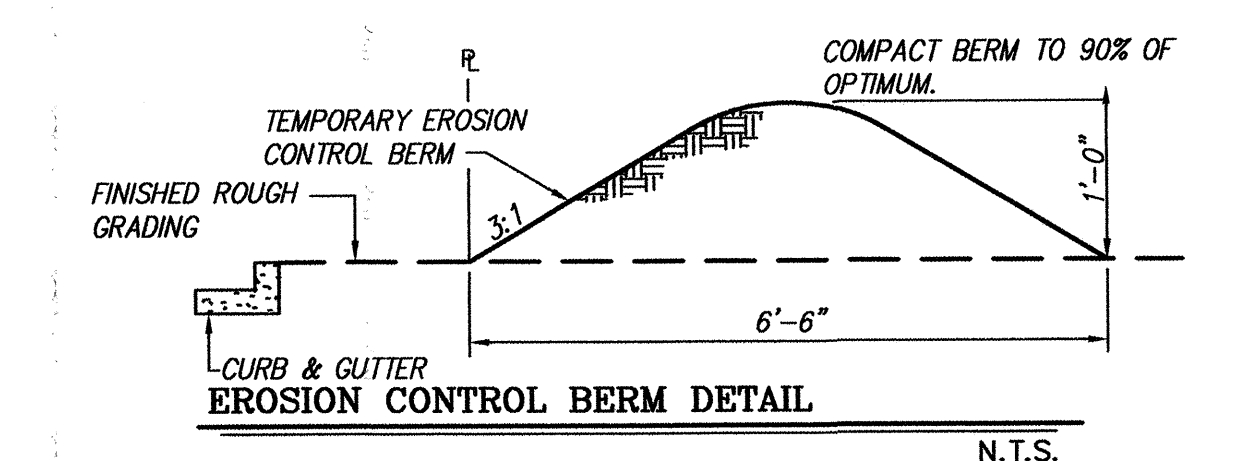


- NOTES**
- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
 - CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
 - THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
 - THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND METTING THE SOIL TO KEEP IT FROM BLOWING.
 - THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
 - A PERIMETER CMU WALL WILL BE CONSTRUCTED AROUND THE PROJECT SITE. INTERIOR PROPERTY BOUNDARIES WILL BE SEPARATED BY WALLS (SIDEYARDS AND BACK YARDS).

- LEGEND**
- | | | |
|-------------|---------------------------------|-------------------------|
| 5615 | EXISTING CONTOUR (MAJOR) | NEW SIDEWALK |
| 5616 | EXISTING CONTOUR (MINOR) | NEW RIGHT-OF-WAY |
| TC = x 00.0 | EXISTING SPOT ELEVATION | NEW CENTERLINE |
| FL = x 00.0 | EXISTING CHAIN LINK/WIRE FENCE | NEW LOT LINES |
| —E—E—E—E—E— | EXISTING OVERHEAD ELECTRIC LINE | NEW EASEMENTS |
| —P— | EXISTING POWER POLE | NEW RETAINING WALL |
| —G— | EXISTING GUY WIRE | NEW SPOT ELEVATIONS |
| —M— | EXISTING TELEPHONE MANHOLE | NEW FLOW |
| —P— | EXISTING TELEPHONE PEDESTAL | NEW STORM DRAIN |
| —C— | NEW MOUNTABLE CURB & GUTTER | NEW STORM DRAIN MANHOLE |
| —S— | NEW STANDARD CURB & GUTTER | NEW WATERBLOCK |

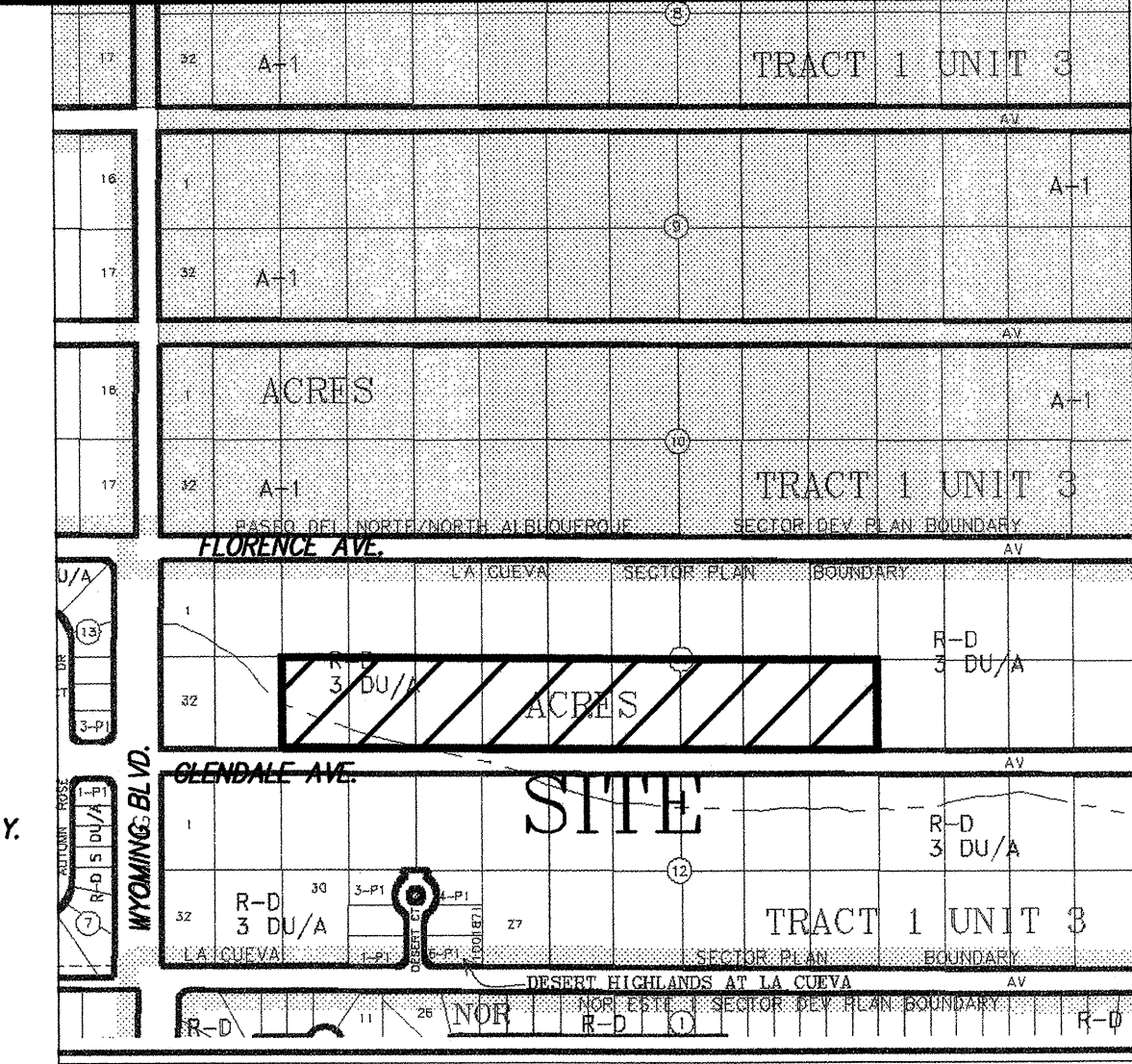


- EROSION CONTROL NOTES**
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
 - CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
 - CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ANY SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
 - EROSION CONTROL BERMS ARE REQUIRED AROUND THE ENTIRE SITE.
 - ALL EROSION CONTROL BERMS MUST BE IN PLACE AND ENGINEER CERTIFIED PRIOR TO BUILDING PERMIT RELEASE.

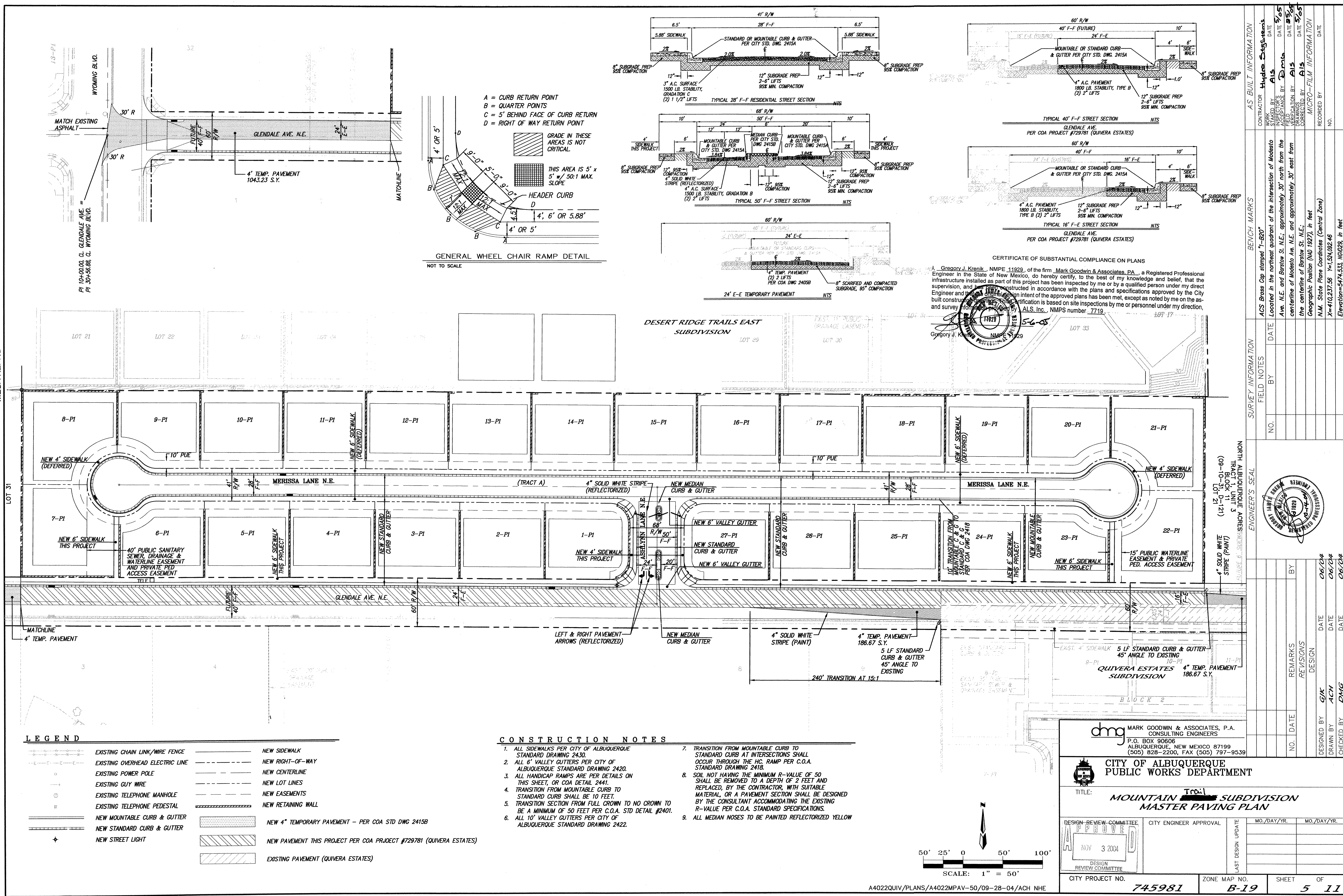


LEGAL DESCRIPTION
LOTS 22 - 30, BLOCK 11, UNIT 3, TRACT 1, NAA

VICINITY MAP **ZONE: B-19-7**



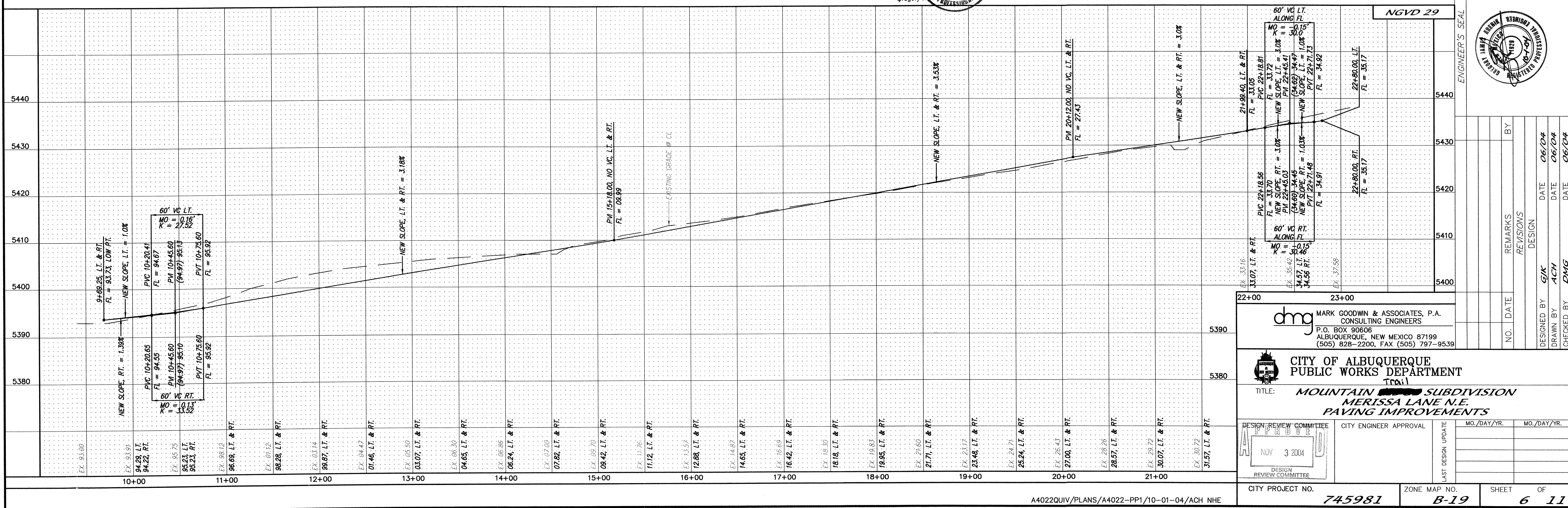
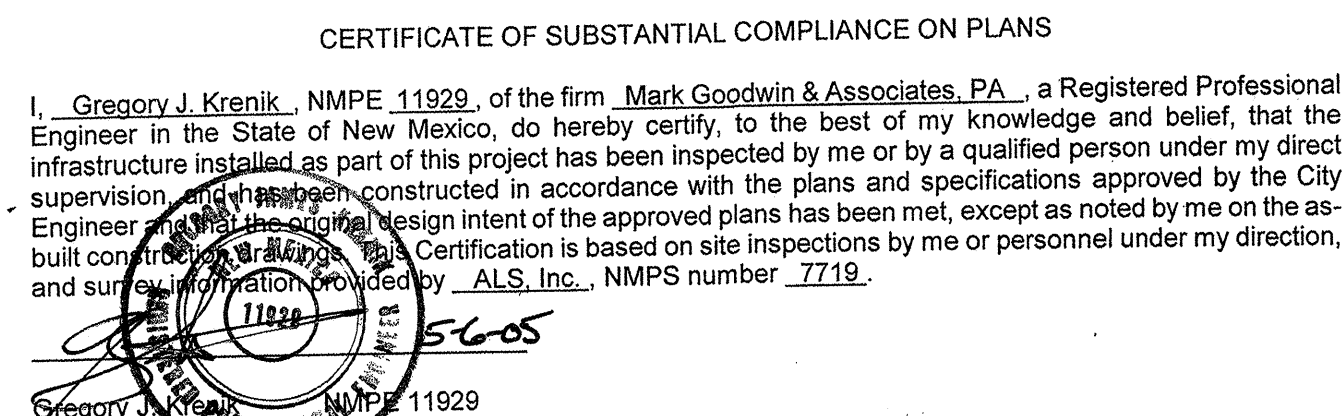
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Hydro Systems		5/05	
WORK BY		DATE	
INSPECTED BY		DATE	
FIELD ENGINEER		DATE	
CORRECTED BY		DATE	
MICRO-FILM INFORMATION		DATE	
RECORDED BY		DATE	
NO.		NO.	
Elevation=5474.533, NGVD29, in feet		Elevation=5474.533, NGVD29, in feet	
ENGINEER'S SEAL		REVISIONS	
NO.		BY	
DATE		DATE	
REMARKS		DATE	
DESIGNED BY		DATE	
DRAWN BY		DATE	
CHECKED BY		DATE	
GJK		06/04	
ACH		06/04	
DMG		06/04	
CITY PROJECT NO.		ZONE MAP NO.	
745981		B-19	
SHEET		OF	
4		11	



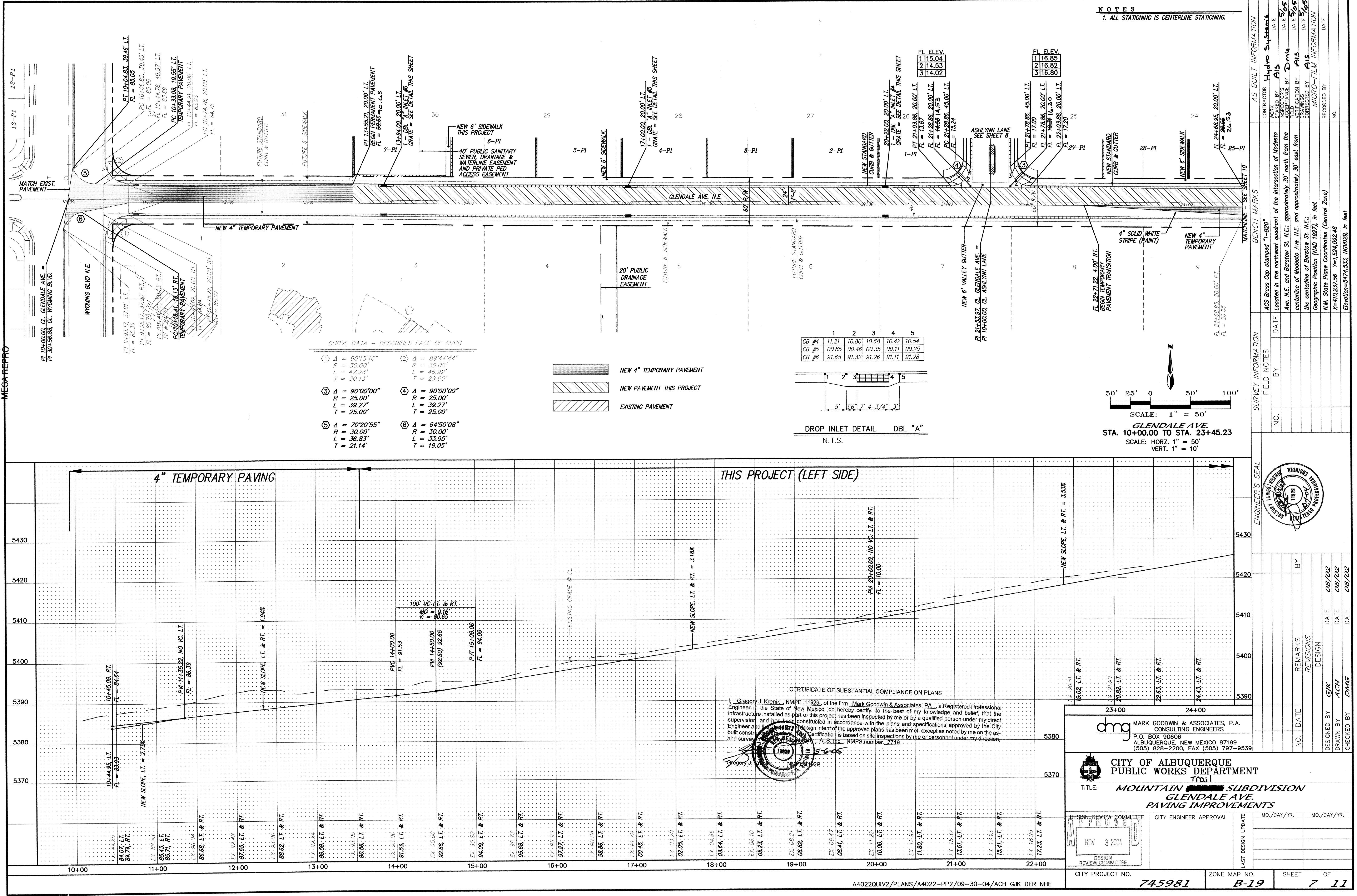
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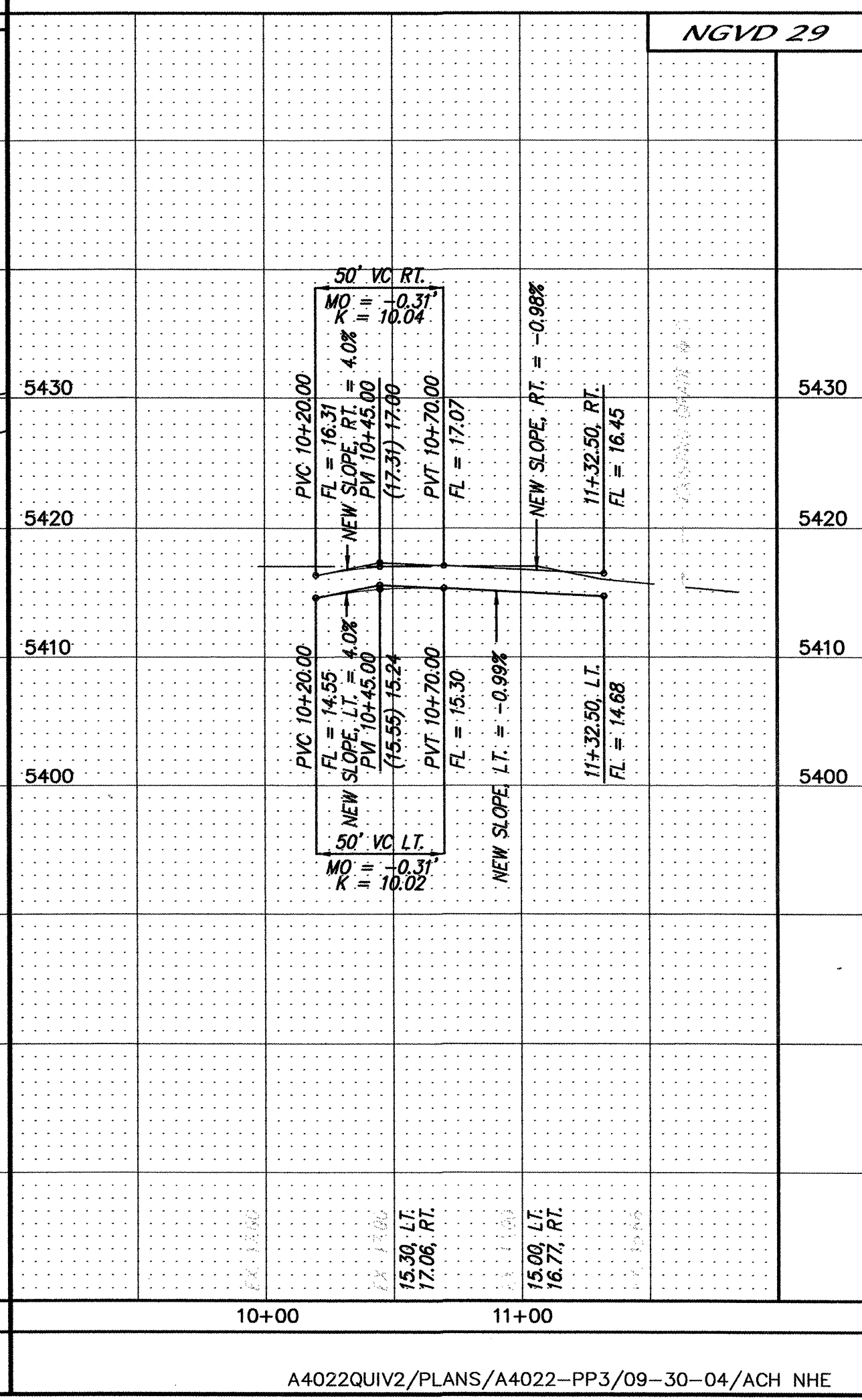
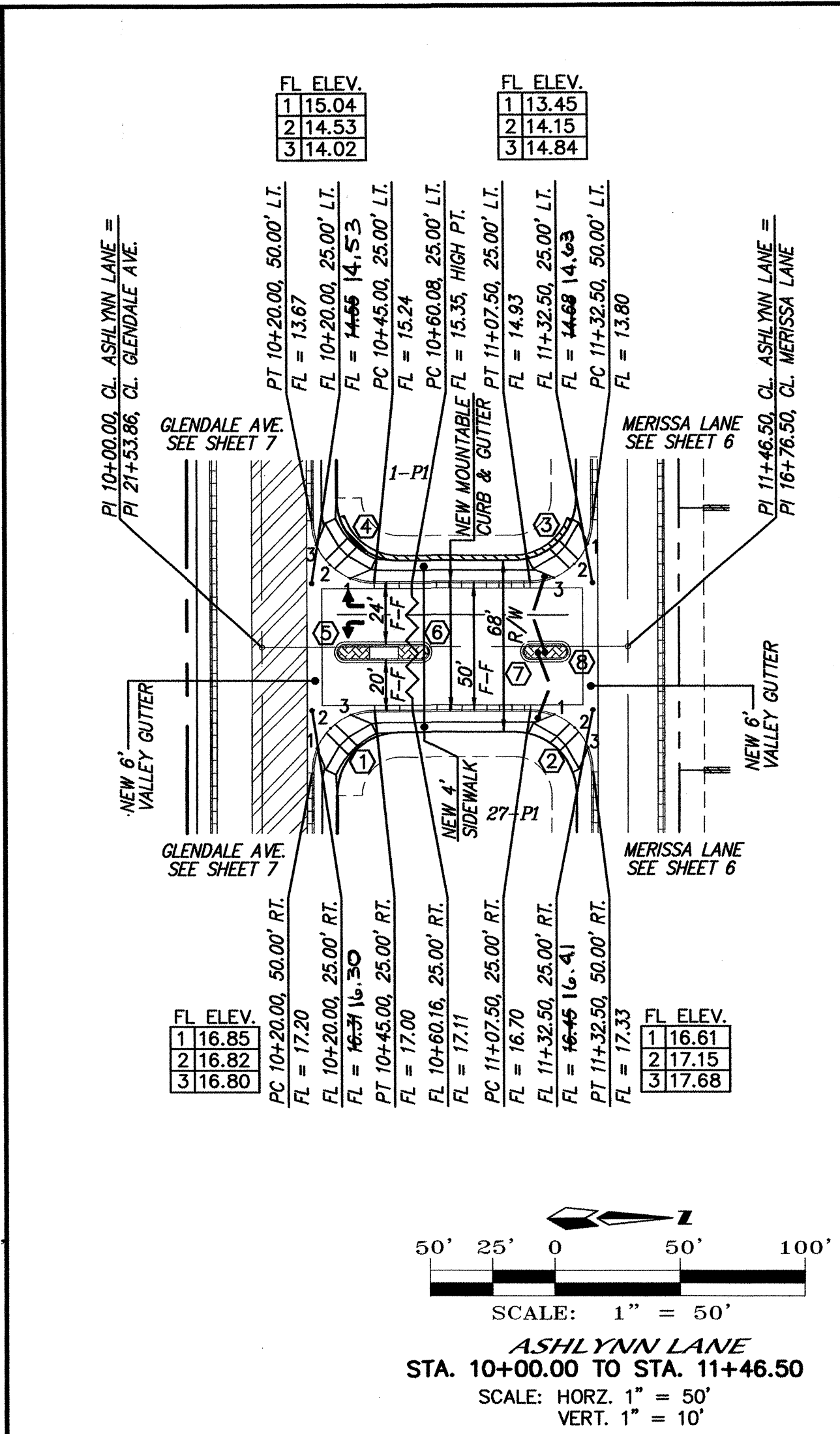
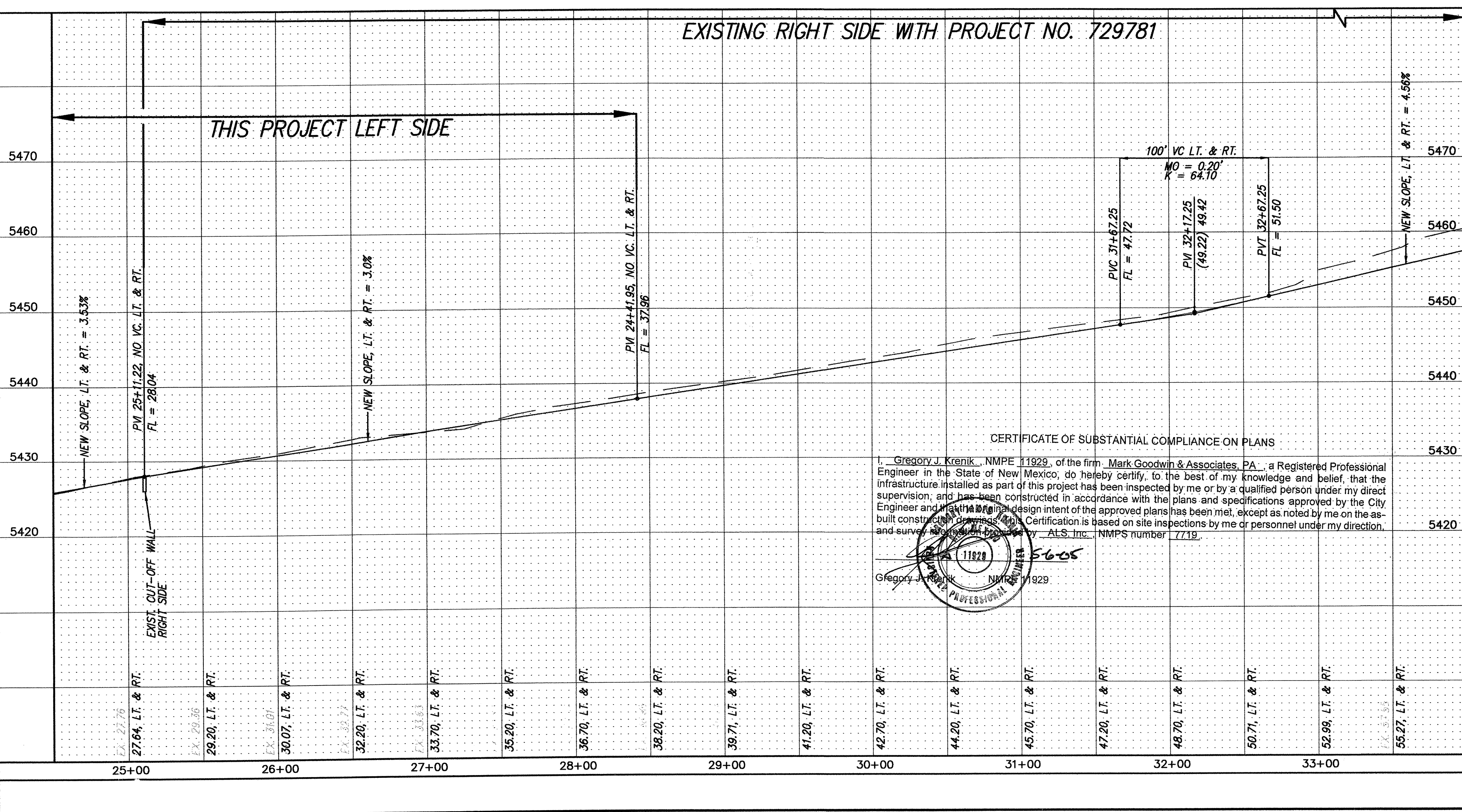
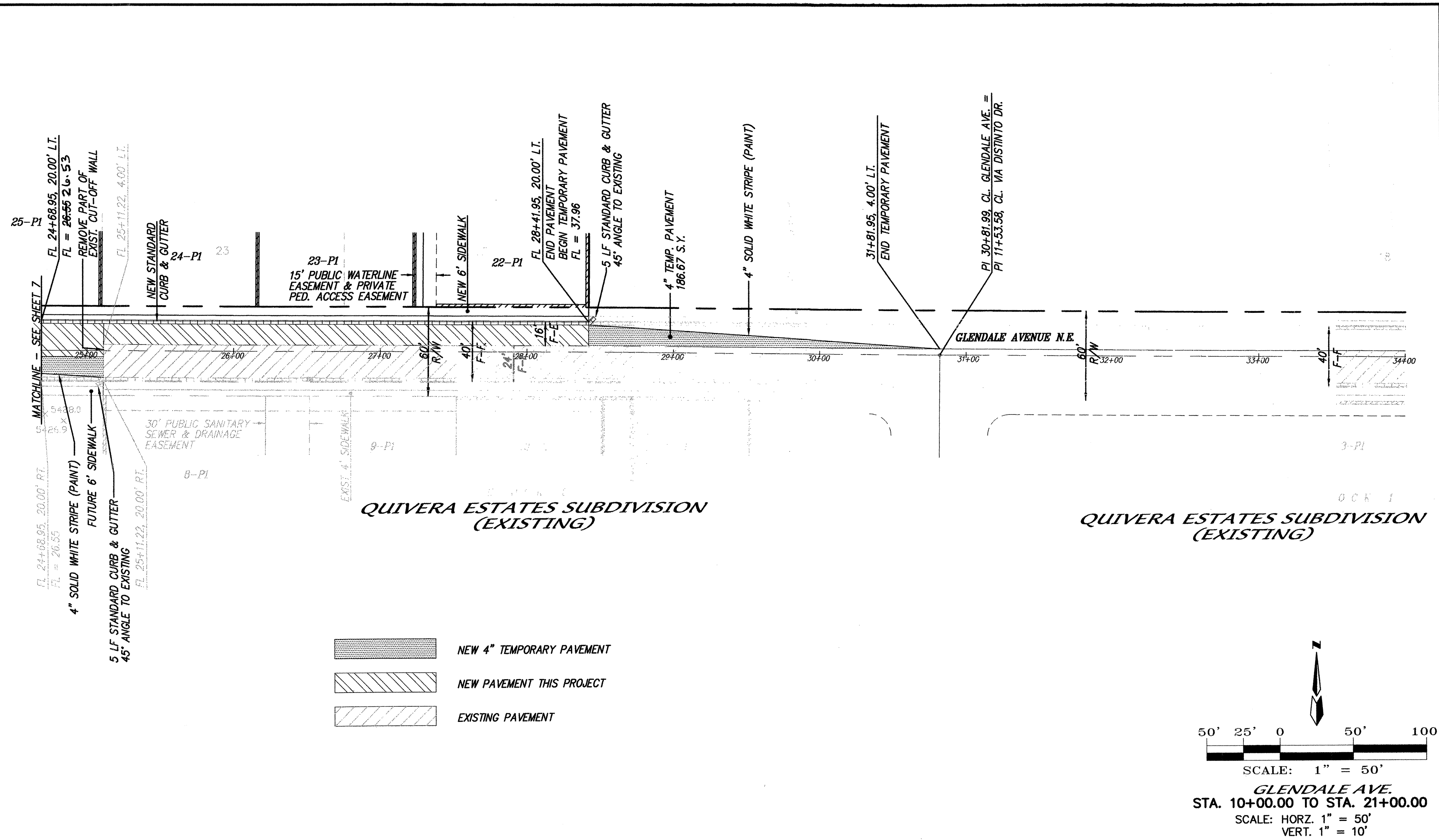
1. ALL STATIONING IS CENTERLINE STATIONING.

* see NOTE ON SHEET 1



SCANNED BY
MEDIAREPRO





NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

GLENDALE AVE. CURVE DATA - DESCRIBES FACE OF CURB

① $\Delta = 90^\circ 00' 00''$ R = 25.00' L = 39.27' T = 25.00'	② $\Delta = 90^\circ 00' 00''$ R = 25.00' L = 39.27' T = 25.00'	③ $\Delta = 90^\circ 00' 00''$ R = 25.00' L = 39.27' T = 25.00'
--	--	--

ASHLYNN LANE CURVE DATA - DESCRIBES FACE OF CURB

④ $\Delta = 90^\circ 00' 00''$ R = 25.00' L = 39.27' T = 25.00'	⑤ $\Delta = 180^\circ 00' 00''$ R = 3.00' L = 9.42' T = N/A	⑥ $\Delta = 180^\circ 00' 00''$ R = 3.00' L = 9.42' T = N/A
--	--	--

ASHLYNN LANE CURVE DATA - DESCRIBES FACE OF CURB

⑦ $\Delta = 180^\circ 00' 00''$ R = 3.00' L = 9.42' T = N/A	⑧ $\Delta = 180^\circ 00' 00''$ R = 3.00' L = 9.42' T = N/A
--	--

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS
1	01/04	DESIGN
2	01/04	DESIGN

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT

**TITLE: MOUNTAIN SUBDIVISION
GLENDALE AVE. N.E. & ASHLYNN LANE N.E.
PAVING IMPROVEMENTS**

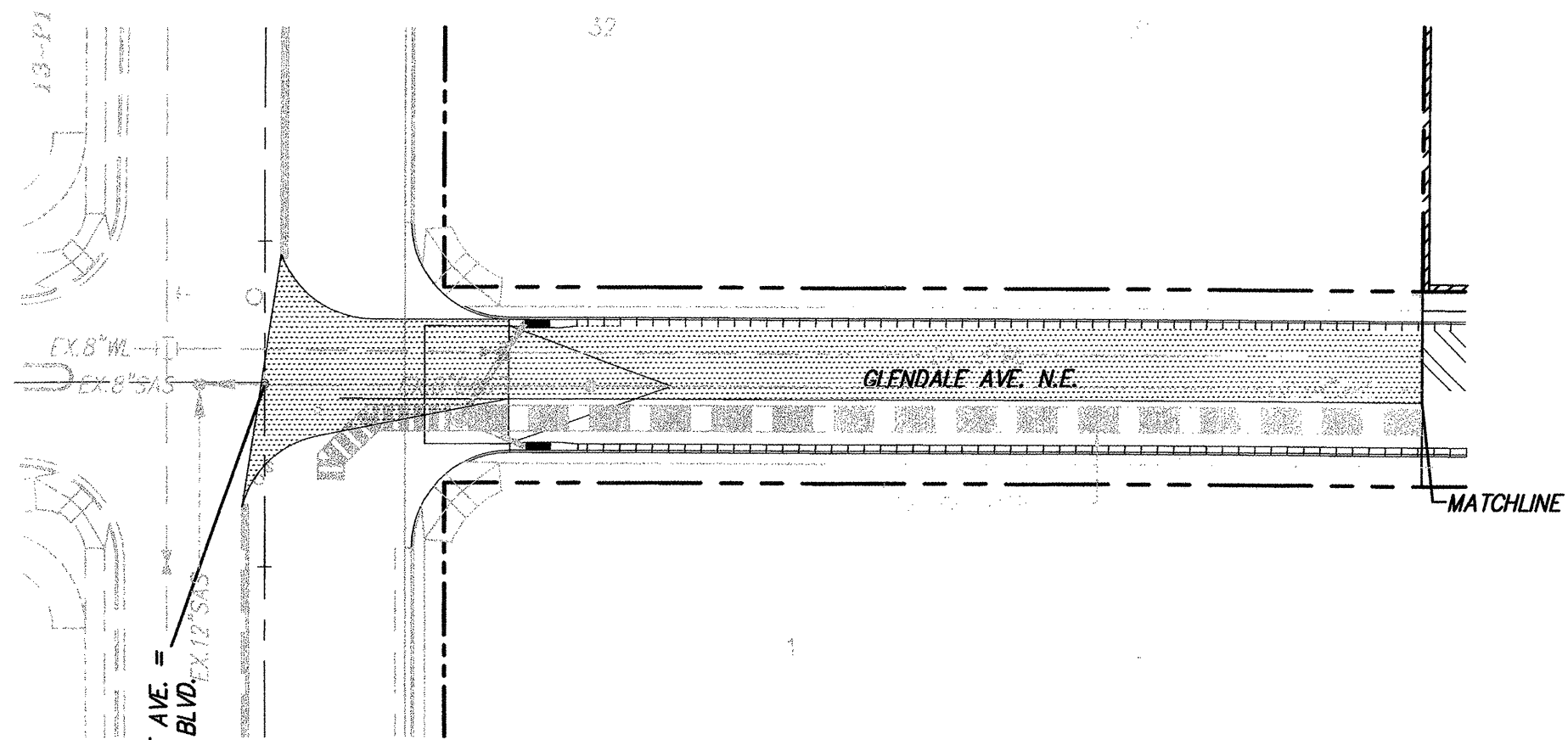
DESIGN REVIEW COMMITTEE

APPROVED

CITY PROJECT NO. 745981

ZONE MAP NO. B-19

SHEET 8 OF 11



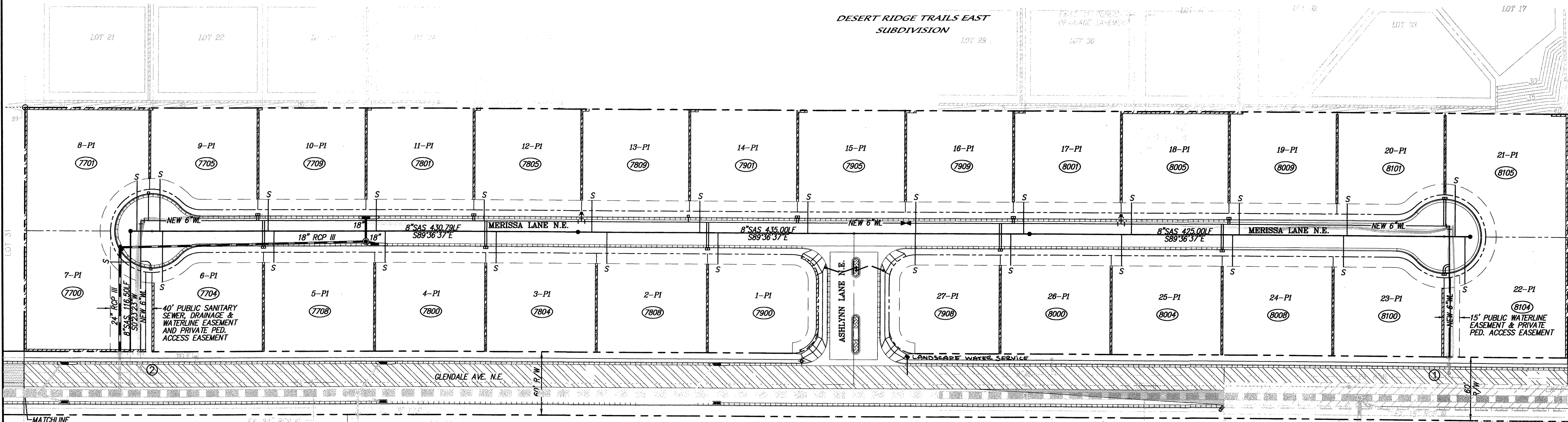
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EXISTING OVERHEAD ELECTRIC LINE
EXISTING POWER POLE
EXISTING GUY WIRE
EXISTING TELEPHONE MANHOLE
EXISTING TELEPHONE PEDESTAL
NEW MOUNTABLE CURB & GUTTER
NEW STANDARD CURB & GUTTER
NEW SIDEWALK
NEW RIGHT-OF-WAY
NEW CENTERLINE
NEW LOT LINES
NEW EASEMENTS

	NEW RETAINING WALL
	NEW STORM DRAIN
	NEW STORM DRAIN MH
	NEW WATERLINE
	NEW WATER METERS
	NEW TEE
	NEW VALVE
	NEW SAS
	NEW SAS MH
	NEW SAS SERVICES
	NEW LOT ADDRESS
	NEW STREET LIGHT





NEW 4" TEMPORARY PAVEMENT
 NEW PAVEMENT THIS PROJECT
 EXISTING PAVEMENT



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE # 11929, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction. This certification is based on site inspections by me or personnel under my direction, and surveying data provided by ALS, Inc., NMPS number: 7719.

Gregory J. Krehik NMFS 11929

ALL EXISTING WATER, SANITARY SEWER AND STORM DRAIN FACILITIES
IN THE GLENDALE AVE. RIGHT OF WAY WERE CONSTRUCTED WITH THE
QUIVERA ESTATES SUBDIVISION - C.O.A. PROJECT NO. 729781.

VALVE SHUT-OFF PLAN

1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200 7 DAYS PRIOR TO NECESSARY SHUT-OFF.
2. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES.
3. TURN OFF VALVES ① & ② LOCATED IN GLENDALE AVENUE N.E.

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: Trail
MOUNTAIN ~~REDACTED~~ SUBDIVISION
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE

APPROVE

NOV 3 2004

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. _____

ZONE MAP NO

SHEET	OF
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A4022QUIV/PLANS/A4022MUTI-50/09-29-04/ACH

SCANNED BY
MESA REDRO

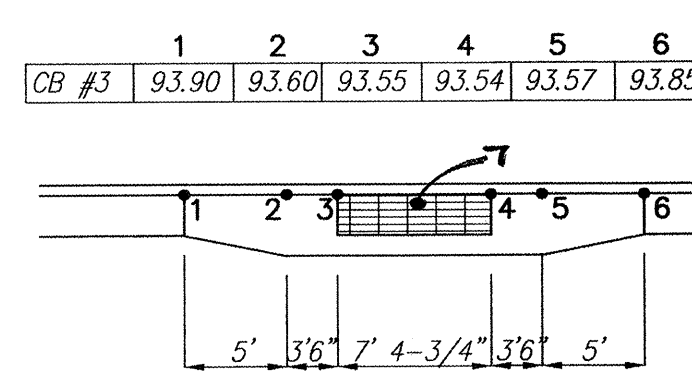
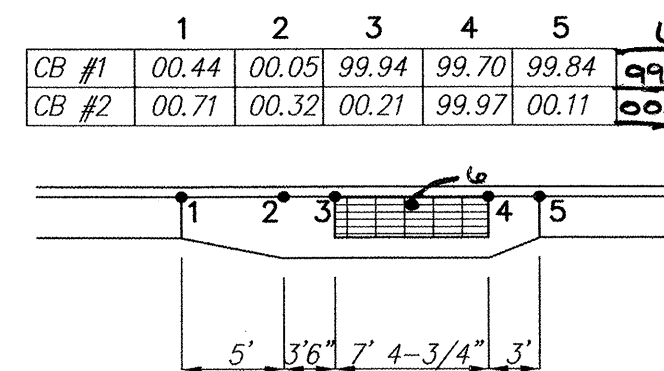
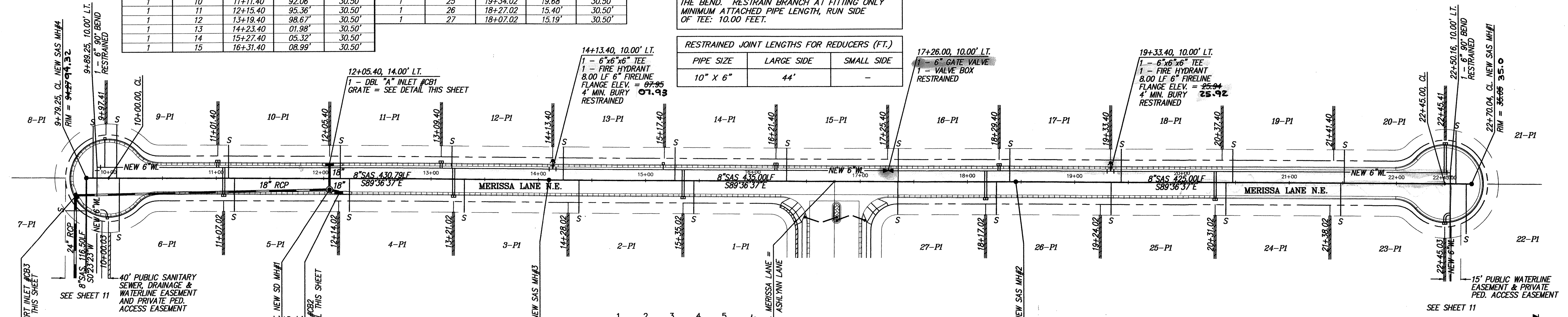
SANITARY SEWER SERVICES									
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE	BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	1	15+45.02	05.94'	30.50'	1	16	17+35.40	12.67'	30.50'
1	2	14+38.02	02.45'	30.50'	1	17	18+39.40	16.34'	30.50'
1	3	13+31.02	99.04'	30.50'	1	18	19+43.40	20.01'	30.50'
1	4	12+24.02	95.64'	30.50'	1	19	20+47.40	23.49'	30.50'
1	5	11+17.02	92.23'	30.50'	1	20	21+51.40	26.61'	30.50'
1	6	10+10.04	89.32'	48.98'	1	21	22+55.41	29.63'	48.90'
1	7	9+50.25	88.57'	29.00'	1	22	22+55.41	29.80'	45.81'
1	8	9+47.41	89.13'	48.39'	1	23	21+48.02	26.51'	30.50'
1	9	10+07.41	89.43'	49.45'	1	24	20+41.02	23.30'	30.50'
1	10	11+11.40	92.06'	30.50'	1	25	19+34.02	19.68'	30.50'
1	11	12+15.40	95.36'	30.50'	1	26	18+27.02	15.40'	30.50'
1	12	13+19.40	98.67'	30.50'	1	27	18+07.02	15.19'	30.50'
1	13	14+23.40	01.98'	30.50'					
1	14	15+27.40	05.32'	30.50'					
1	15	16+31.40	08.99'	30.50'					

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	-	-	46'
10"	-	11'	5'	3'	72'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
10"x10"x10"	15'	5'
10"x10"x6"	6'	1'
6"x6"x6"	10'	2'

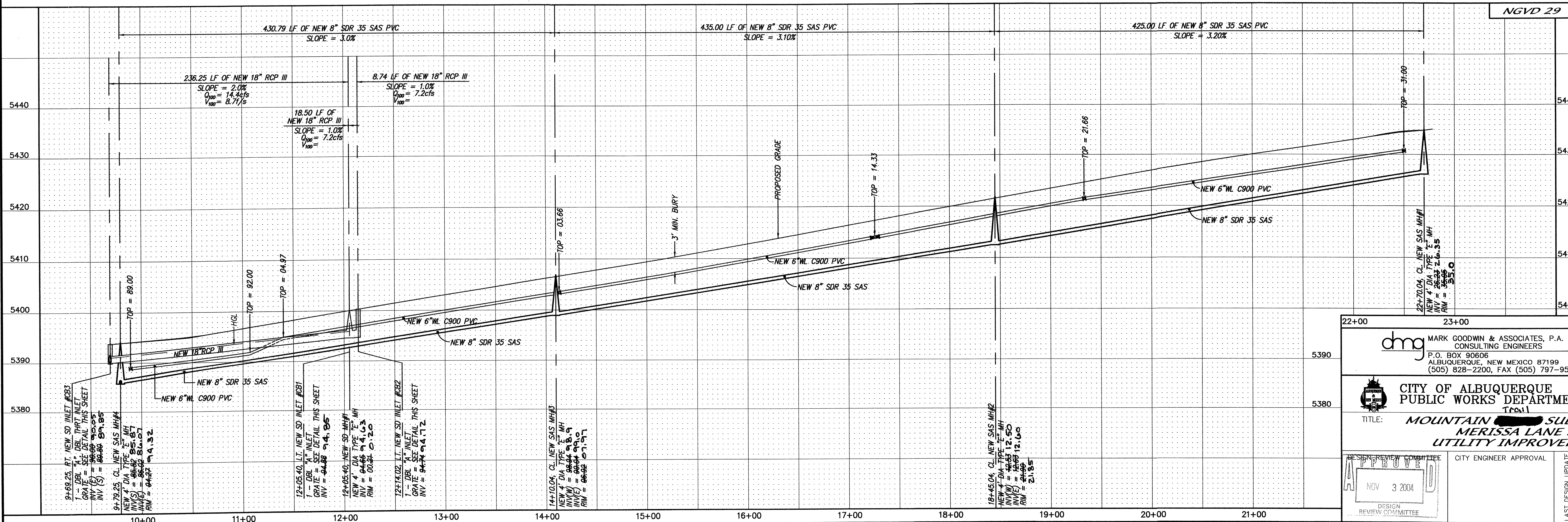
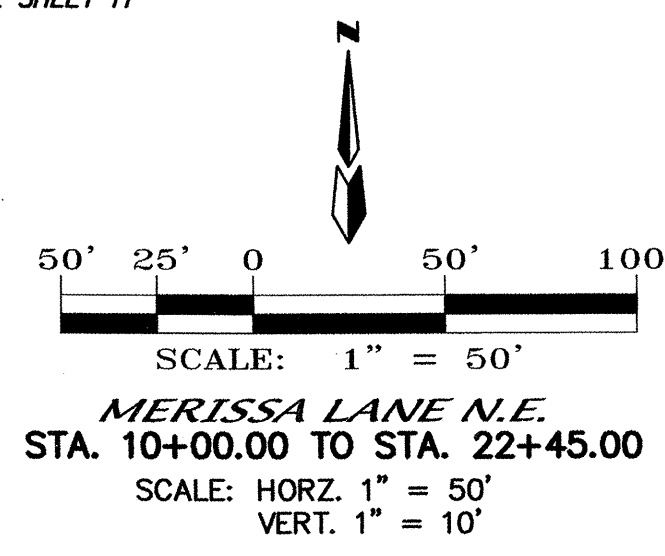
RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.)		
PIPE SIZE	LARGE SIDE	SMALL SIDE
10" X 6"	44'	-



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This certification is based on site inspections by me or personnel under my direction, and survey information provided by ALS, Inc., NMPS number 7719.

Gregory J. Krenik
Professional Engineer
11929



22+00 23+00

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **MOUNTAIN SUBDIVISION**
MERISSA LANE N.E.
UTILITY IMPROVEMENTS

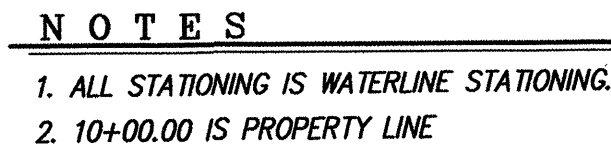
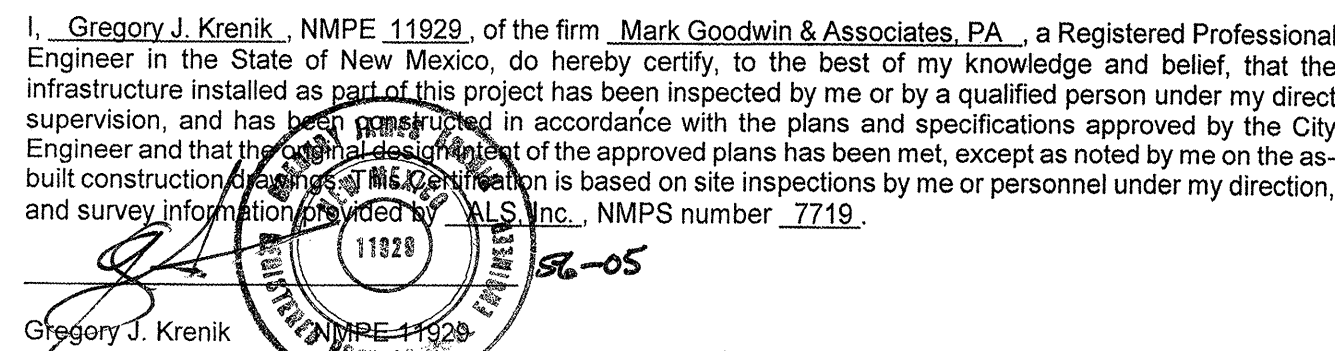
DESIGN REVIEW COMMITTEE: NOV 3 2004

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO. **745981** ZONE MAP NO. **B-19** SHEET OF **10 11**

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	WORK	DATE	DATE	ACROSS	STAMPED	DATE	DATE	NO.	BY	DATE	DATE	NO.	BY	DATE	DATE
Hydro Systems	ALS	5/05	5/05	Located in the northeast quadrant of the intersection of Merissa Lane N.E. and Barstow St. N.E., approximately 30' north from the centerline of Merissa Lane N.E. and approximately 30' east from the centerline of Barstow St. N.E.	11929	5-6-05	5-6-05								
REVISIONS	DATE	BY	DATE	REVISIONS	DATE	BY	DATE	REVISIONS	DATE	BY	DATE	REVISIONS	DATE	BY	DATE
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DESIGN
REVIEW COMMITTEE

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745981	B-19	11 11

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