

SCANNED BY
PLANNING



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT

CONSTRUCTION PLANS FOR

COTTONWOOD COMMONS

PUBLIC INFRASTRUCTURE IMPROVEMENTS

INDEX

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NOTES

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 AMENDED THROUGH UPDATE #7, INCLUDING AMENDMENT #1.

THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE EXECUTION OF THE WATER VALVE SHUT-OFF PLAN WITH THE WATER SYSTEMS DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER UTILITIES.

TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALLS SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BE 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 COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) HOUR CONSTRUCTION.

CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS). THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES (898-2661) THREE (3) WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.

ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

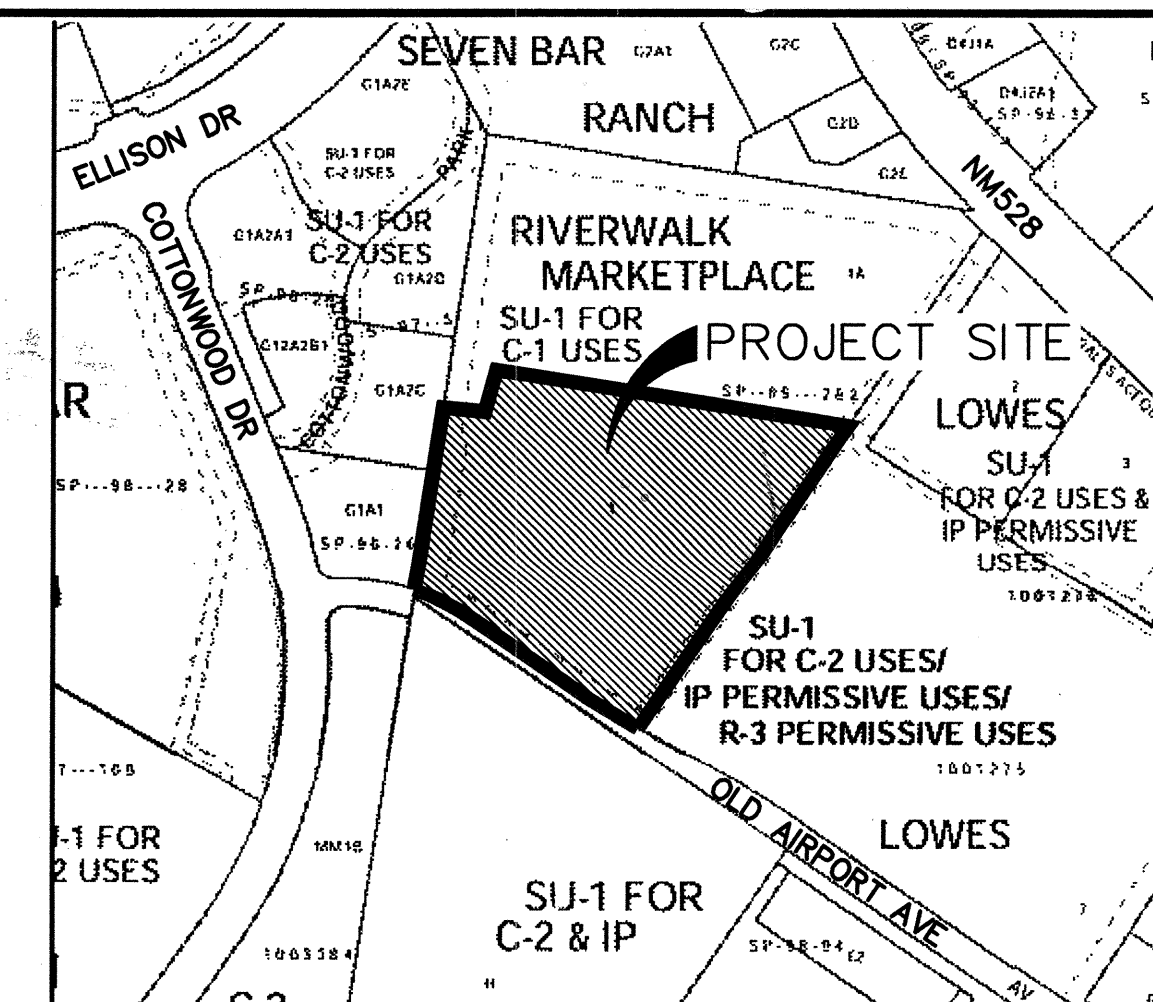
THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.

PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

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.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED 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.

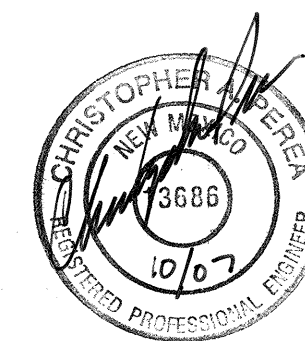
APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Paul C. Olan
DATE: 12-03-2009



LOCATION MAP
ZONE ATLAS MAP NO. A-14 & B-14

CERTIFICATE OF SUBSTANTIAL COMPLIANCE OF PLANS

I, Christopher A. Perea of the firm Wilson & Company, a Registered Professional Engineer in the State of New Mexico, NMPE Number 13686, 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 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 Christopher S. Croshaw NMPS Number 14733.



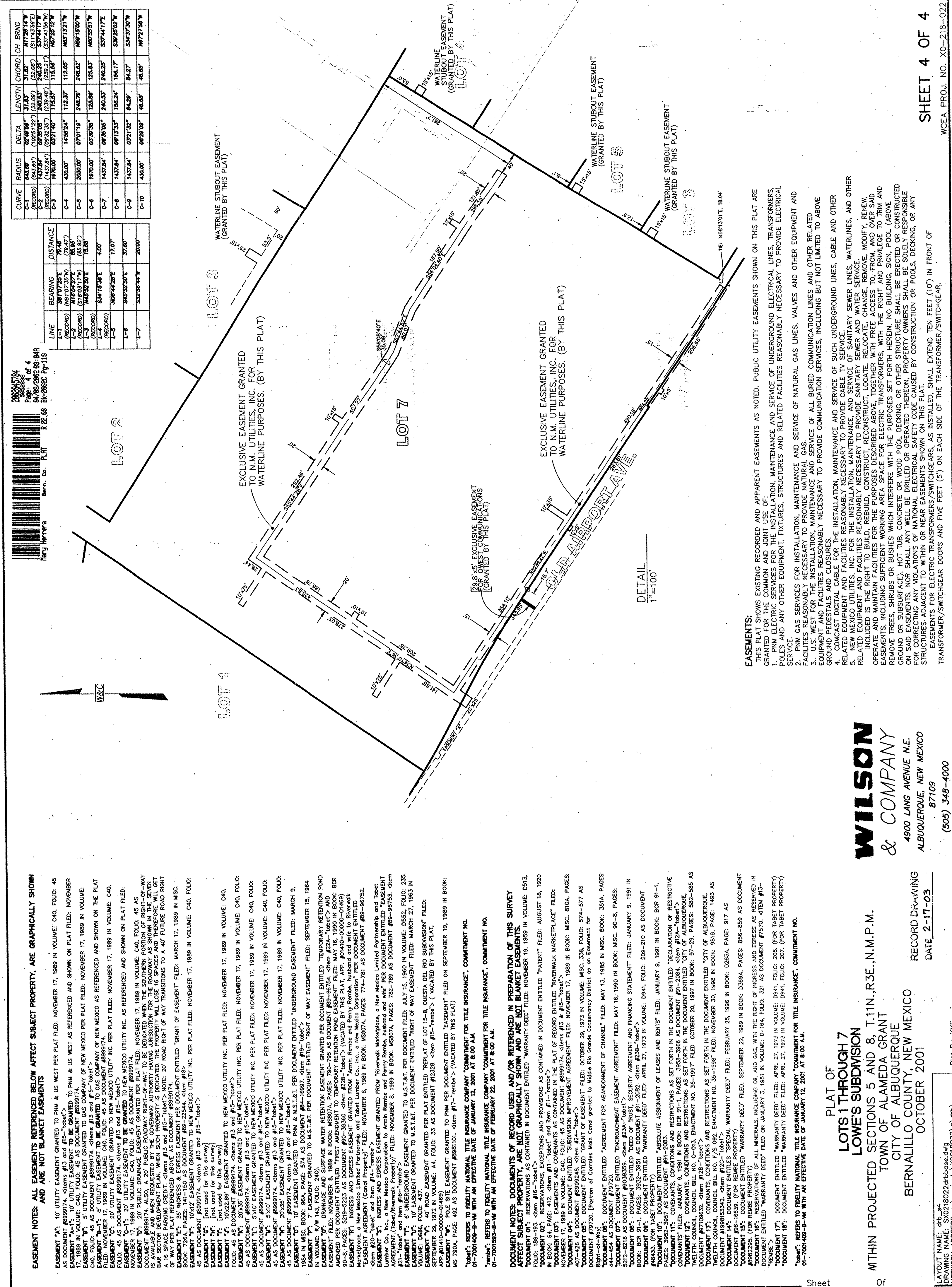
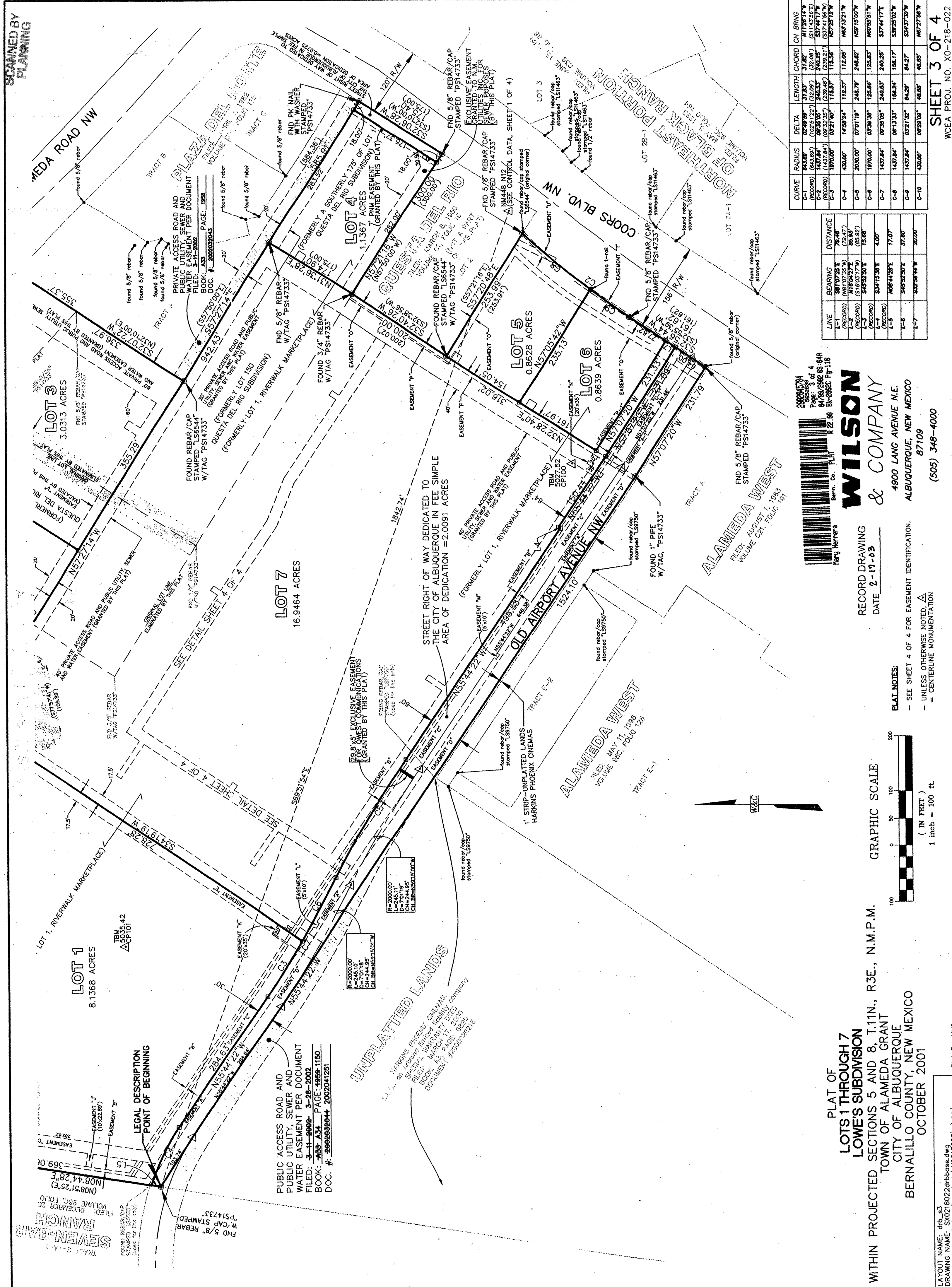
RECORD DRAWING
DATE 10/07

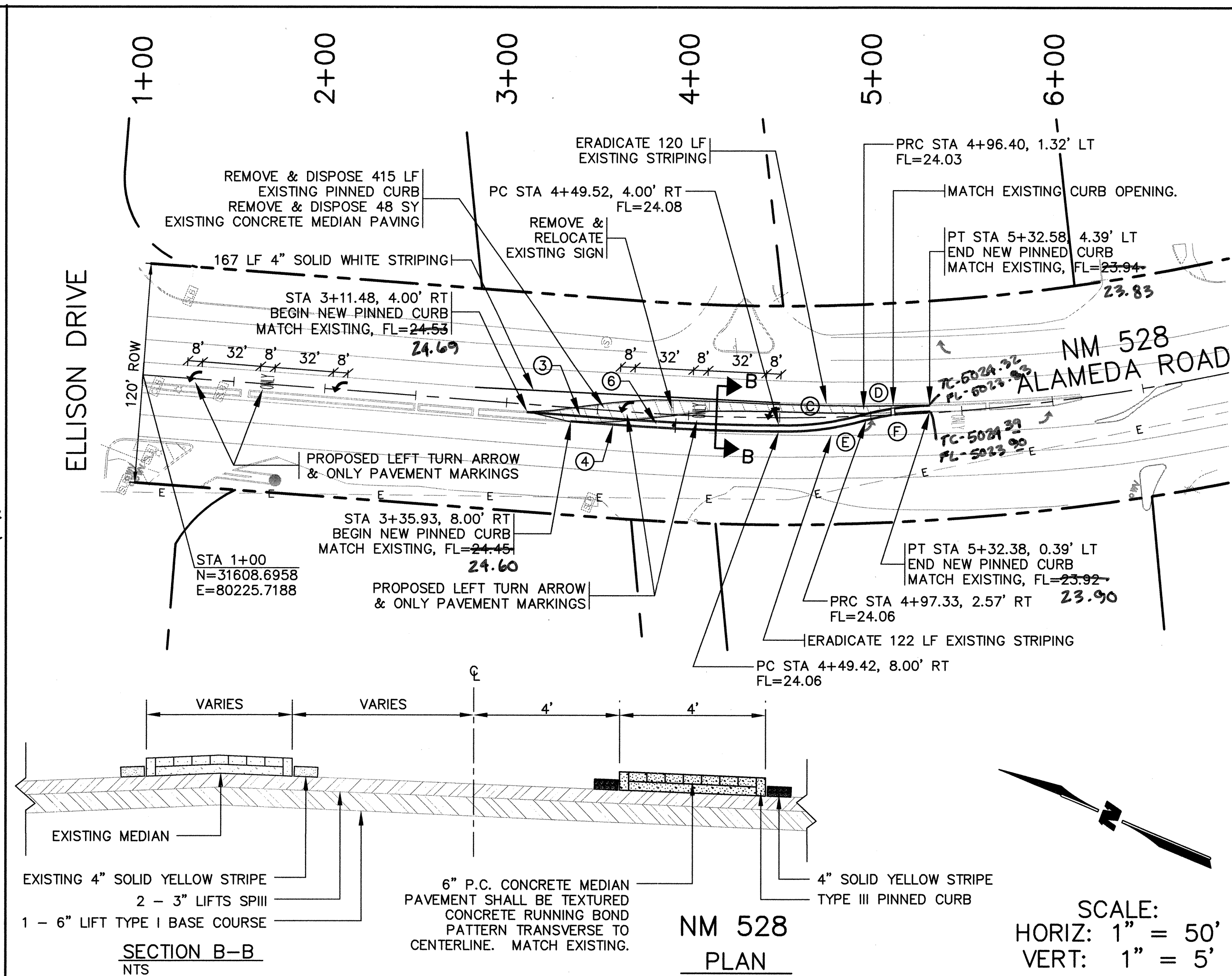
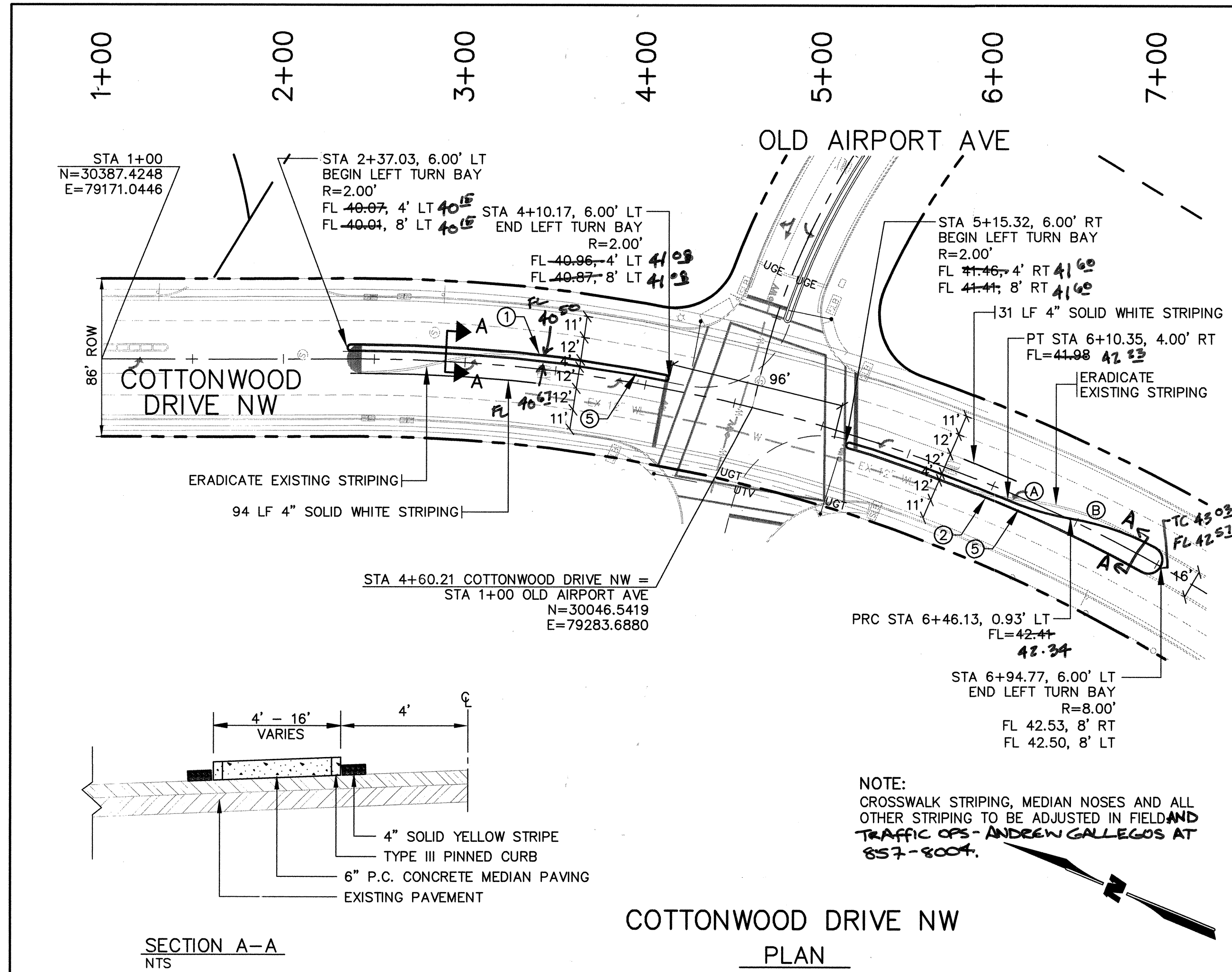
**WILSON
& COMPANY**

2600 THE AMERICAN ROAD S.E.
SUITE 100
RIO RANCHO, NEW MEXICO
87124
(505) 898-8021

DRB PROJECT NO. 1001275

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman		<i>Brigitte Fuller</i>	5/30/06	APPROVED FOR CONSTRUCTION	
		Transportation		<i>William J. Welch</i>	5/30/06		
		Water/Wastewater		<i>William J. Welch</i>	5/30/06		
		Hydrology		<i>William J. Welch</i>	5/30/06		
		Parks					
		Constr. Mngmt.					
		Constr. Coord.					
City Project No. 667682				City Engineer		Date	
				Sheet		Or	
				1		6	





KEYED NOTES

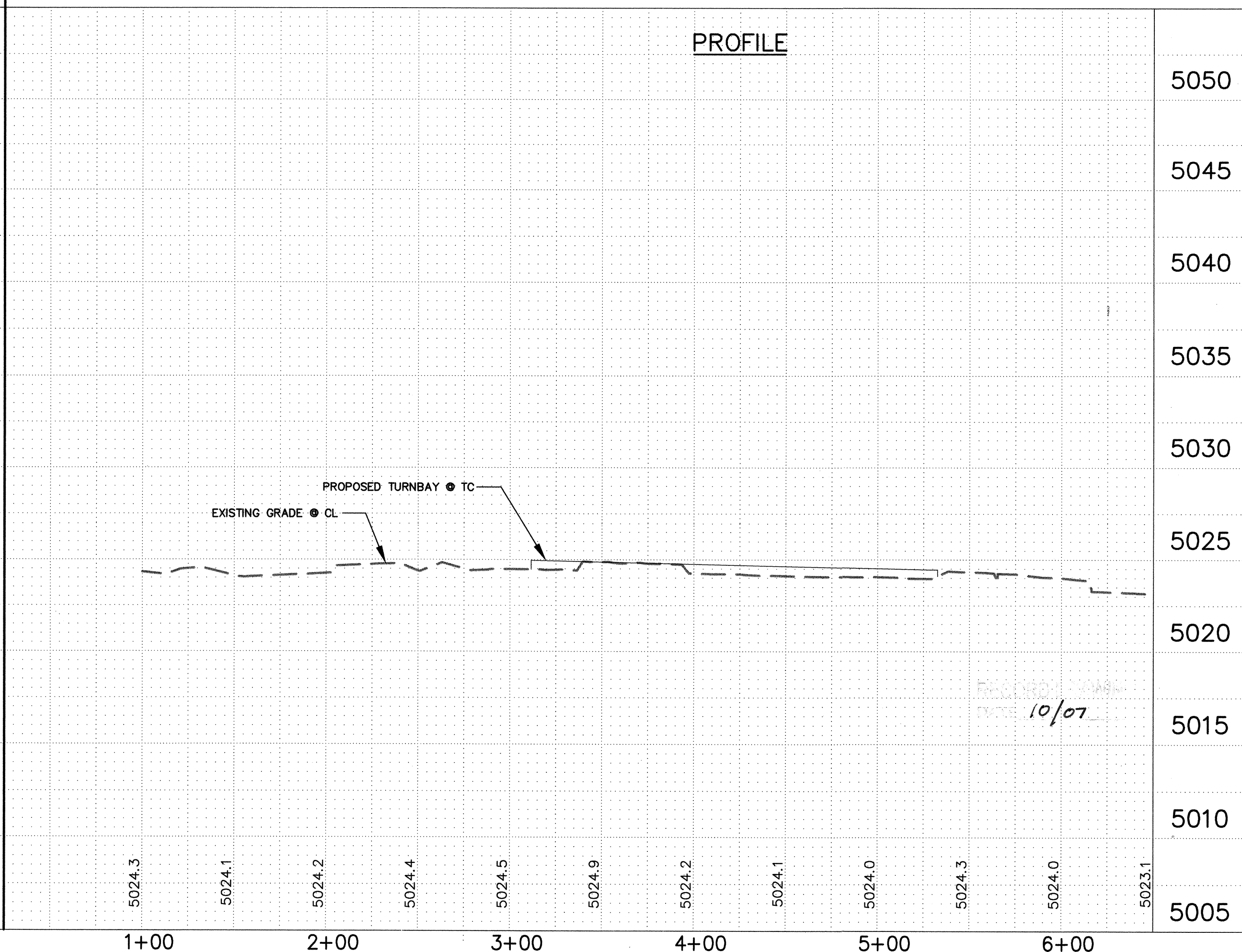
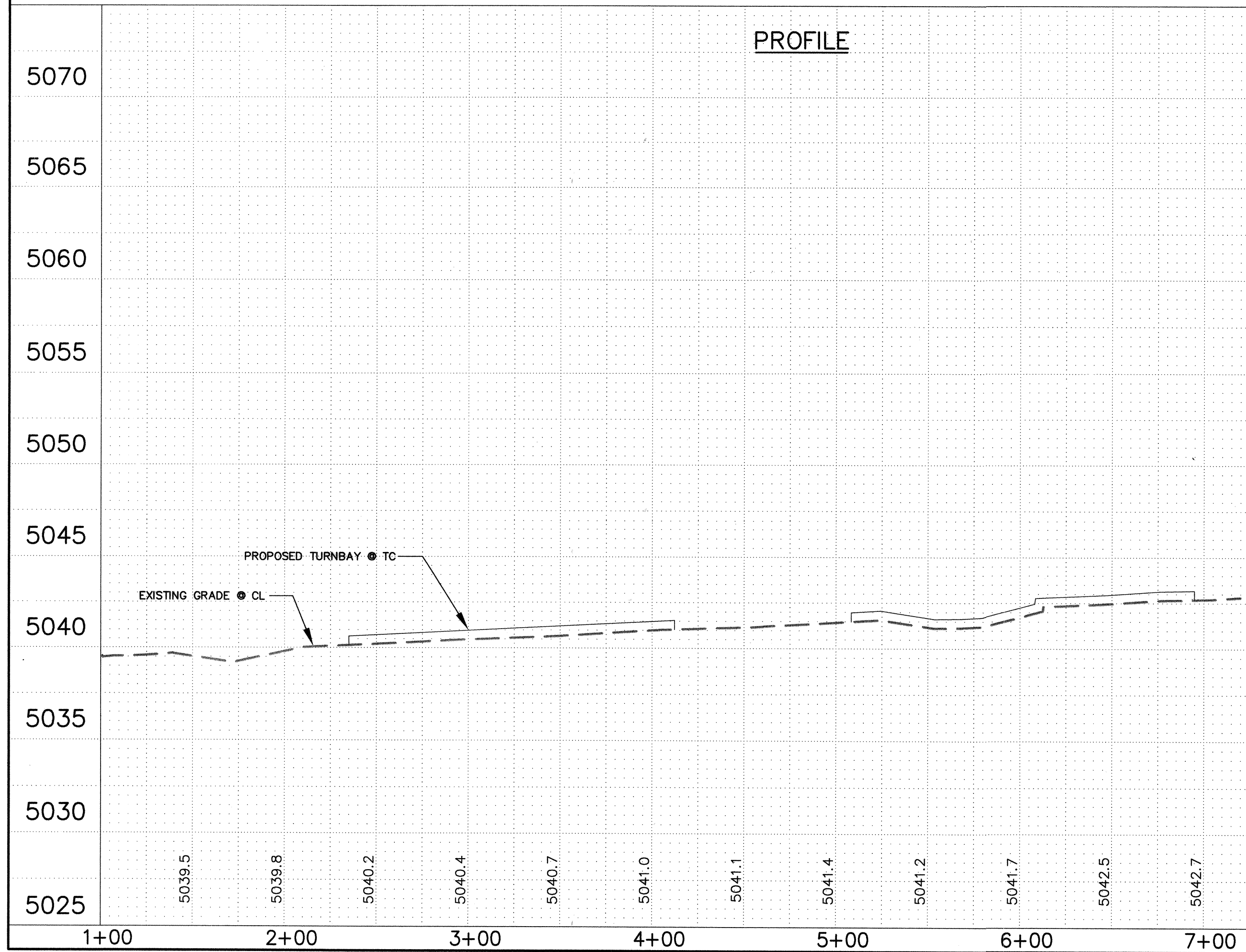
- CONSTRUCT 362 LF TYPE III PINNED CURB PER STD DWG 2415B.
- CONSTRUCT 386 LF TYPE III PINNED CURB PER STD DWG 2415B.
- CONSTRUCT 222 LF TYPE III PINNED CURB PER STD DWG 2415B.
- CONSTRUCT 198 LF TYPE III PINNED CURB PER STD DWG 2415B.
- 6" THICK P.C. CONCRETE FILLED MEDIAN.
- 6" THICK P.C. CONCRETE. MATCH EXISTING PATTERNED COLORED CONCRETE.

GENERAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CITY OF ALBUQUERQUE AND NMDOT PER TRAFFIC CONTROL DURING MEDIAN CONSTRUCTION.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH NMDOT AND CITY OF ALBUQUERQUE SPECIFICATIONS.
- INSTALL ALL SIGNING AND STRIPING PER MUTCD SPECIFICATIONS.
- STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANNING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.
- ALL MEDIAN NOSES SHALL BE PAINTED YELLOW.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ASPHALT DURING MEDIAN REMOVAL AND MATCHING EXISTING PAVEMENT SECTION.
- LANE CLOSURE WILL ONLY BE PERMITTED BETWEEN 9:00 AM AND 3:30 PM.
- ALL TESTING IN NMDOT RIGHT OF WAY SHALL BE PERFORMED BY A NMDOT APPROVED LAB.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A TRAFFIC CONTROL PERMIT AND TO PROVIDE A TRAFFIC CONTROL PLAN.
- ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

MEDIAN CURVE DATA @ FLOW LINE

- Ⓐ Δ = 13'48"26"
R = 150'
T = 18.16'
L = 36.15'
- Ⓑ Δ = 17'18"09"
R = 154'
T = 23.43'
L = 46.51'
- Ⓒ Δ = 18'06"51"
R = 150'
T = 23.91'
L = 47.42'
- Ⓓ Δ = 13'30"26"
R = 154'
T = 18.24'
L = 36.30'
- Ⓔ Δ = 18'05"20"
R = 154'
T = 24.51'
L = 48.62'
- Ⓕ Δ = 13'28"55"
R = 150'
T = 17.73'
L = 35.30'



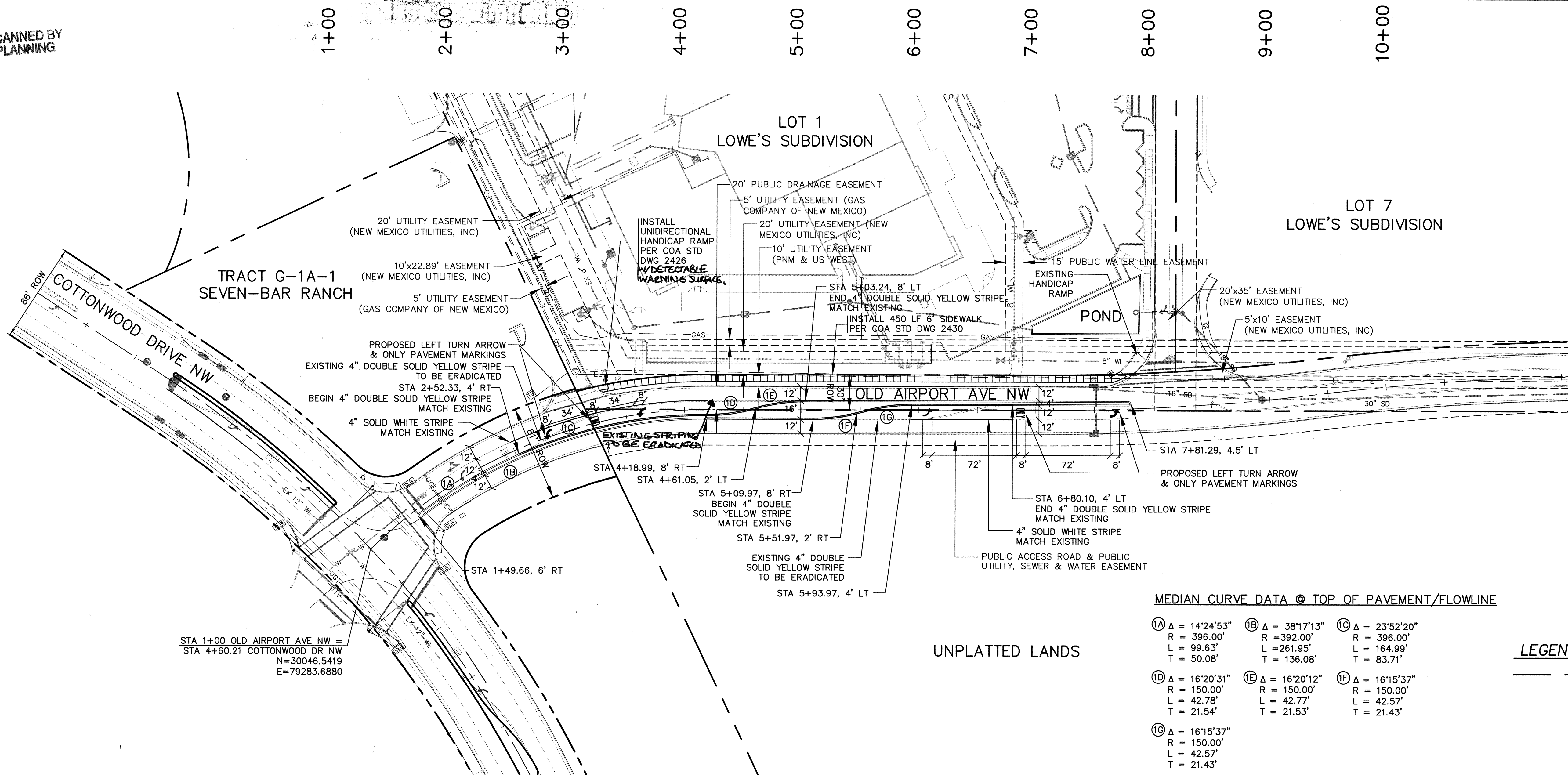
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

COTTONWOOD COMMONS
COTTONWOOD DRIVE & NM 528
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	DESIGNED BY	CHECKED BY	DATE	REVISIONS	NO.	DATE	BY
APPROVED		WILSON & COMPANY, ENGINEERS & ARCHITECTS						
		DESIGNED BY						
		DRAWN BY						
		CHECKED BY						

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	TLC	DATE	DATE	DATE	DATE	DATE	DATE
WORK	CONSTRUCT	DATE	DATE	DATE	DATE	DATE	DATE
CONTROL STATION	NM448-N12	DATA	NM448-N12	DATA	NM448-N12	DATA	NM448-N12
TABLET	NEW MEXICO STATE PLANE GRID COORDINATES	TABLET	NEW MEXICO STATE PLANE GRID COORDINATES	TABLET	NEW MEXICO STATE PLANE GRID COORDINATES	TABLET	NEW MEXICO STATE PLANE GRID COORDINATES
(CENTRAL-ZONE)	(CENTRAL-ZONE)	(CENTRAL-ZONE)	(CENTRAL-ZONE)	(CENTRAL-ZONE)	(CENTRAL-ZONE)	(CENTRAL-ZONE)	(CENTRAL-ZONE)
X = 381,108.54	Y = 1,528,910.94	ELEV = 5023.41'	(SLD 1929) GROUND TO GRID FACTOR = 0.99967595	DELTA ALPHA = -0013'46" NAD 1927			

SCANNED BY
PLANNING

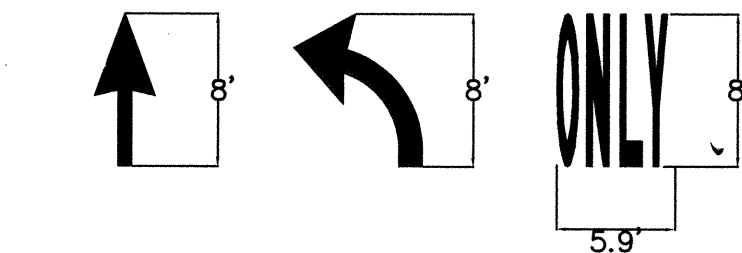


MEDIAN CURVE DATA @ TOP OF PAVEMENT/FLOWLINE

1A Δ = 14°24'53"	1B Δ = 38°17'13"	1C Δ = 23°52'20"
R = 396.00'	R = 392.00'	R = 396.00'
L = 99.63'	L = 261.95'	L = 164.99'
T = 50.08'	T = 136.08'	T = 83.71'
1D Δ = 16°20'31"	1E Δ = 16°20'12"	1F Δ = 16°15'37"
R = 150.00'	R = 150.00'	R = 150.00'
L = 42.78'	L = 42.77'	L = 42.57'
T = 21.54'	T = 21.53'	T = 21.43'
1G Δ = 16°15'37"		
R = 150.00'		
L = 42.57'		
T = 21.43'		

LEGEND

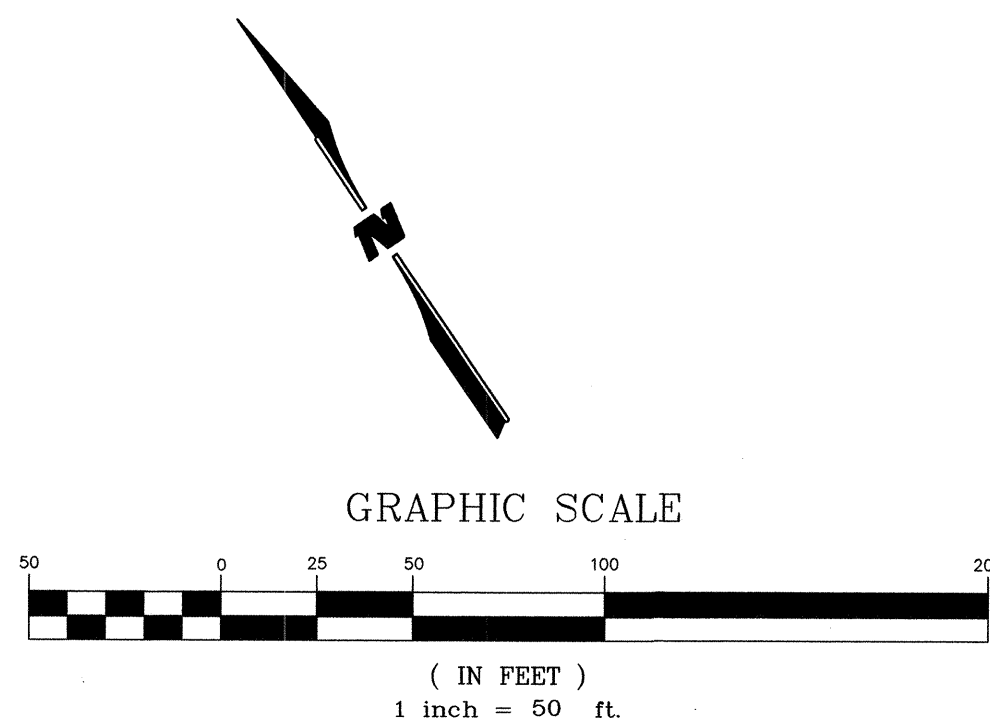
---	PROPERTY LINE
○WV	WATER VALVE
□	TELEPHONE PEDESTAL
○	TELEPHONE MANHOLE
□	ELECTRIC BOX
■	INLET
■	SPRINKLER CONTROL BOX
+	TRAFFIC SIGN
☆	LIGHT POLE
●	SEWER MANHOLE
●	CLEANOUT
●	STORM DRAIN MANHOLE
●	BOLLARD
●	AREA INLET
■	CONCRETE PAD
▲	ROOF DRAIN
●	WATER MANHOLE
□	SIGNAL LIGHT JUNCTION BOX
—	TRAFFIC SIGNAL w/MAST ARM



TYPICAL ARROW & ONLY DETAIL

NOTES:

1. INSTALL ALL SIGNING AND STRIPING PER MUTCD SPECIFICATIONS.
2. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANNING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.



10/07

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
COTTONWOOD COMMONS OLD AIRPORT AVENUE N.W. PAVING IMPROVEMENTS	
Design Review Committee	City Engineer Approval
Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 667682	Zone Map No. A-14
Sheet 6	Of 6

**WILSON
& COMPANY**

AS-BUILT INFORMATION	
CONTRACTOR	TLC, Mexican
WORK	PAVING
DATE	6/17
STAMPED BY	Accurate Wilson
DATE	6/17
APPROVED BY	Wilson
DATE	6/17
DESIGNED BY	Wilson
DATE	6/17
DRAWN BY	Wilson
DATE	6/17
CHECKED BY	Wilson
DATE	6/17
RECORDED BY	Wilson
DATE	6/17

BENCH MARKS	
BASIS OF ELEVATION/PRIMARY BENCHMARK	NMSHC
CONTROL STATION	"NM448-N12" DATA: NMSHC BRASS
TABLET FOUND IN PLACE SET IN TOP OF A CONCRETE	
TABLET, NEW MEXICO STATE PLANE GRID COORDINATES	
(CENTRAL-ZONE)	
X = 381,108.54	Y = 1,528,910.94
ELEV = 5023.41'	
(SLD 1929) GROUND TO GRID FACTOR = 0.99967595	
DELTA ALPHA = -0013'46" NAD 1927	

SURVEY INFORMATION	
DATE	
BY	
NO.	

ENGINEER'S SEAL	
DATE	
BY	
REMARKS	
NO.	
DATE	
REVISIONS	
WILSON & COMPANY, ENGINEERS & ARCHITECTS	
DESIGNED BY	JRH
DATE	MAY 2006
DRAWN BY	JRH
DATE	MAY 2006
CHECKED BY	BMF
DATE	MAY 2006

