

AUGUST 2006

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DIVISION

MORNINGSIDE AND CENTRAL AVENUE
INTERSECTION IMPROVEMENTS

ALBUQUERQUE, NEW MEXICO
CITY PROJECT 743691



VICINITY MAP

N.T.S.

MAP NO. OVERALL ZONE MAP NO. K-17-Z

GENERAL NOTES

1. ALL WORK ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986 EDITION, AS AMENDED THROUGH UPDATE #7, INCLUDING AMENDMENT # 1.

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

3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED ON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE LANDSCAPE ARCHITECT HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES OR UNDERGROUND UTILITY LINES 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, PIPELINES, AND UNDERGROUND LINE. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE UTILITY LINES AND FACILITIES.

4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH THE MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.

5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.

6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.

7. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.

8. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.

9. CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM PERSONNEL SHALL OPERATE EXISTING VALVES, REFER TO SECTION 18 OF THE SPECIFICATIONS.

10. CONTRACTOR SHALL NOTIFY CITY SURVEYING NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT CITY SURVEYING MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT AND PERMISSION OF CITY SURVEYING. REPLACEMENT SHALL BE DONE ONLY BY CITY SURVEYING. REPLACEMENT SHALL BE DONE ONLY BY CITY SURVEYING. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT ITS OWN EXPENSE, ADJUST THE MONUMENT AND ITS COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED, REFER TO SECTION 4.4 OF THE SPECIFICATIONS.

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

12. PERMANENT PAVEMENT STRIPING AND MARKINGS SHALL 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 SHALL BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

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

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

15. SIGNAL CONDUITS, LOOPS, PULL BOXES OR OTHER TRAFFIC UTILITIES THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR.

16. ANY SIDEWALK, RAMPS, CURBS AND GUTTER, OR OTHER CITY FACILITY DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR.

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

18. THE CONTRACTOR SHALL 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.

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

20. ALL WATER VALVE BOXES MANHOLES IN THE STREET CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.

21. PRIOR TO ANY 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 SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.

22. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.

SPECIAL PROJECT TRAFFIC CONTROL NOTES

1. ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED IN BOTH DIRECTIONS ON CENTRAL AVENUE AT ALL TIMES.

2. NO TRAFFIC SPLITS WILL BE ALLOWED ON CENTRAL AVENUE AT ANY TIME.

3. THE REQUIRED MINIMUM WORKING HOURS ON THIS PROJECT ARE FROM 7:00 A.M. TO 7:00 P.M., MONDAY THROUGH SUNDAYS, WHEN LANE CLOSURES ARE IN PLACE.

4. NO LANE CLOSURES ON CENTRAL AVENUE SHALL BE IN PLACE UNLESS THE CONTRACTOR IS ACTIVELY WORKING. BARRICADES AND LANE CLOSURES SHALL BE REMOVED IMMEDIATELY UPON COMPLETION OF EACH WORK SHIFT.

INDEX OF DRAWINGS		
SHEET TITLE		SHEET NUMBER
COVER SHEET		01
DEMOLITION PLAN		02
GRADING PLAN		03
LAYOUT PLAN		04
CONSTRUCTION PLAN		05
ADA RAMP DETAILS		06

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REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>Elizabeth C. Reardon</i>	8-10-06	APPROVED FOR CONSTRUCTION		
		Transportation	<i>Robert Penttila</i>	8/8/06			
		Water/Wastewater	<i>William D. Baker</i>	8/9/06			
		Hydrology	<i>Bradley A. Brington</i>	8/9/06			
		GP					
		Constr. Mngmt.			City Engineer Date		
		Constr. Coord.					
		City Project No.				Sheet	Of
		743691				1	6

P:\\$Year-2006\5806\5806-ccad\5806-\$current\5806-COVER\5806-COVER.dwg, 8/8/2006 9:09:03 AM, atrevizo, 1:1

NW QUADRANT ELEVATION TABLE					
PT NO.	TC	FL	PT NO.	TC	FL
①	MATCH EXISTING		⑪	5217.17	5216.50
②	MATCH EXISTING		⑫	5217.24	5216.57
③	-----	5216.95	⑬	5217.27	5216.60
④	-----	5216.89	⑭	5217.18	5216.51
⑤	-----	5216.00	⑮	5217.10	5216.43
⑥	-----	5216.81	⑯	MATCH EXISTING	
⑦	-----	5216.75	⑰	-----	5217.18
⑧	-----	5216.15	⑱	-----	5217.10
⑨	5216.85	5216.18	⑲	-----	5216.98
⑩	5217.02	5216.35			

NE QUADRANT ELEVATION TABLE					
PT NO.	TC	FL	PT NO.	TC	FL
①	5217.31	5216.64	⑩	5217.94	5217.27
②	5217.40	5216.73	⑪	5217.98	5217.31
③	5217.49	5216.82	⑫	5218.06	5217.39
④	5217.53	5216.86	⑬	5218.14	5217.47
⑤	-----	5216.91	⑭	-----	5217.76
⑥	-----	5216.99	⑮	-----	5217.64
⑦	5217.74	5217.07	⑯	-----	5217.64
⑧	5217.81	5217.14	⑰	-----	5217.68
⑨	5217.89	5217.22			

SW QUADRANT ELEVATION TABLE					
PT NO.	TC	FL	PT NO.	TC	FL
①	5216.51	5215.84	⑬	5217.28	5216.61
②	5216.67	5216.00	⑭	5217.34	5216.67
③	5216.91	5216.24	⑮	5217.39	5216.72
④	5216.99	5216.32	⑯	5217.44	5216.77
⑤	5217.03	5216.36	⑰	5217.46	5216.79
⑥	-----	5217.02	⑱	MATCH EXISTING	
⑦	-----	5217.01	⑲	5217.40*	5217.11
⑧	5217.05	5216.38	⑳	5217.46*	5217.14
⑨	5217.10	5216.43	㉑	5217.60*	5217.24
⑩	5217.19	5216.52	㉒	5217.15*	5216.92
⑪	-----	5217.01	㉓	5217.00*	5216.79
⑫	-----	5217.04			

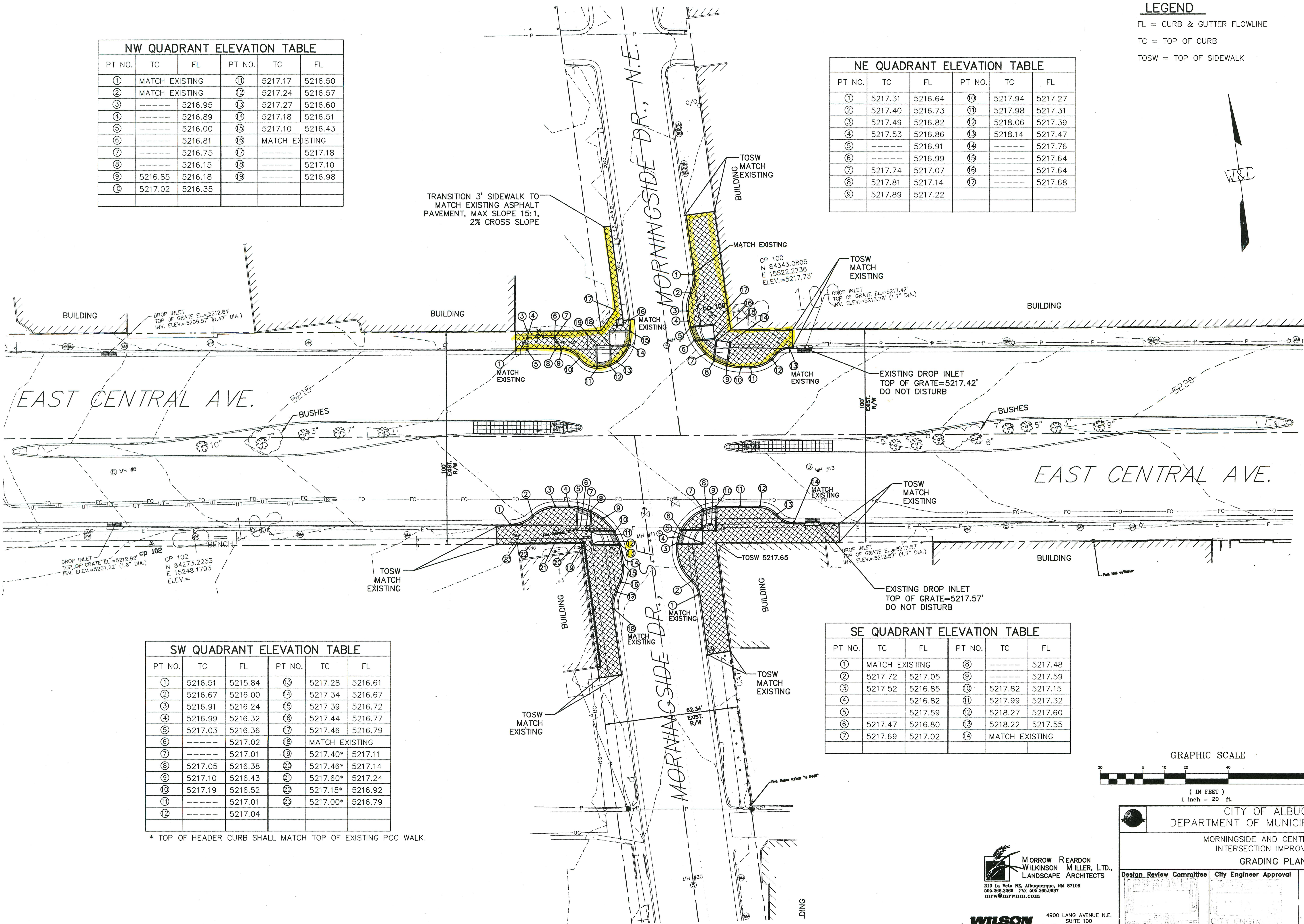
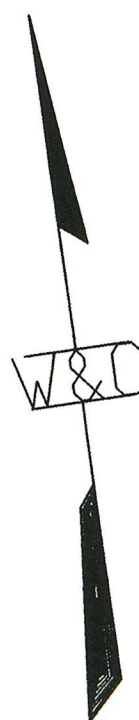
SE QUADRANT ELEVATION TABLE					
PT NO.	TC	FL	PT NO.	TC	FL
①	MATCH EXISTING		⑧	-----	5217.48
②	5217.72	5217.05	⑨	-----	5217.59
③	5217.52	5216.85	⑩	5217.82	5217.15
④	-----	5216.82	⑪	5217.99	5217.32
⑤	-----	5217.59	⑫	5218.27	5217.60
⑥	5217.47	5216.80	⑬	5218.22	5217.55
⑦	5217.69	5217.02	⑭	MATCH EXISTING	

LEGEND

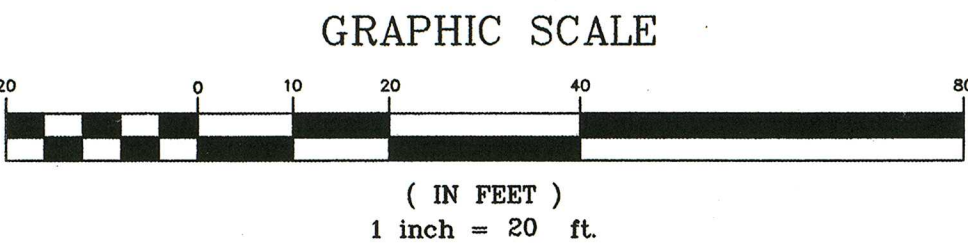
FL = CURB & GUTTER FLOWLINE

TC = TOP OF CURB

TOSW = TOP OF SIDEWALK



* TOP OF HEADER CURB SHALL MATCH TOP OF EXISTING PCC WALK.



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT			
MORNINGSIDE AND CENTRAL AVENUE INTERSECTION IMPROVEMENTS GRADING PLAN			
Design Review Committee	City Engineer Approval	MO./DAY/YR	MO./DAY/YR
REVIEW COMMITTEE	CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
743691	K-17-Z	3	6

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NW QUADRANT CURB & GUTTER DATA TABLE						
LINE/CURVE	LINE DATA		CURVE DATA			
	BEARING	LENGTH	DELTA	RADIUS	LENGTH	TANGENT
L1	S82°11'17"E	21.29'				
C1			55°53'03"	10.00'	9.75'	5.30'
C2			50°16'12"	10.00'	8.77'	4.69'
C3			100°22'13"	15.50'	27.15'	18.59'
L2	N03°03'21"E	5.78'				

NE QUADRANT CURB & GUTTER DATA TABLE						
LINE/CURVE	LINE DATA		CURVE DATA			
	BEARING	LENGTH	DELTA	RADIUS	LENGTH	TANGENT
C4			33°42'45"	15.00'	8.83'	4.54'
C5			33°30'39"	15.00'	8.77'	4.52'
L3	S00°26'14"W	4.77'				
C6			82°14'34"	25.00'	35.89'	21.83'
L4	S81°48'20"E	4.45'				
C7			53°06'32"	15.00'	13.90'	7.50'
C8			52°29'13"	8.00'	7.33'	3.94'

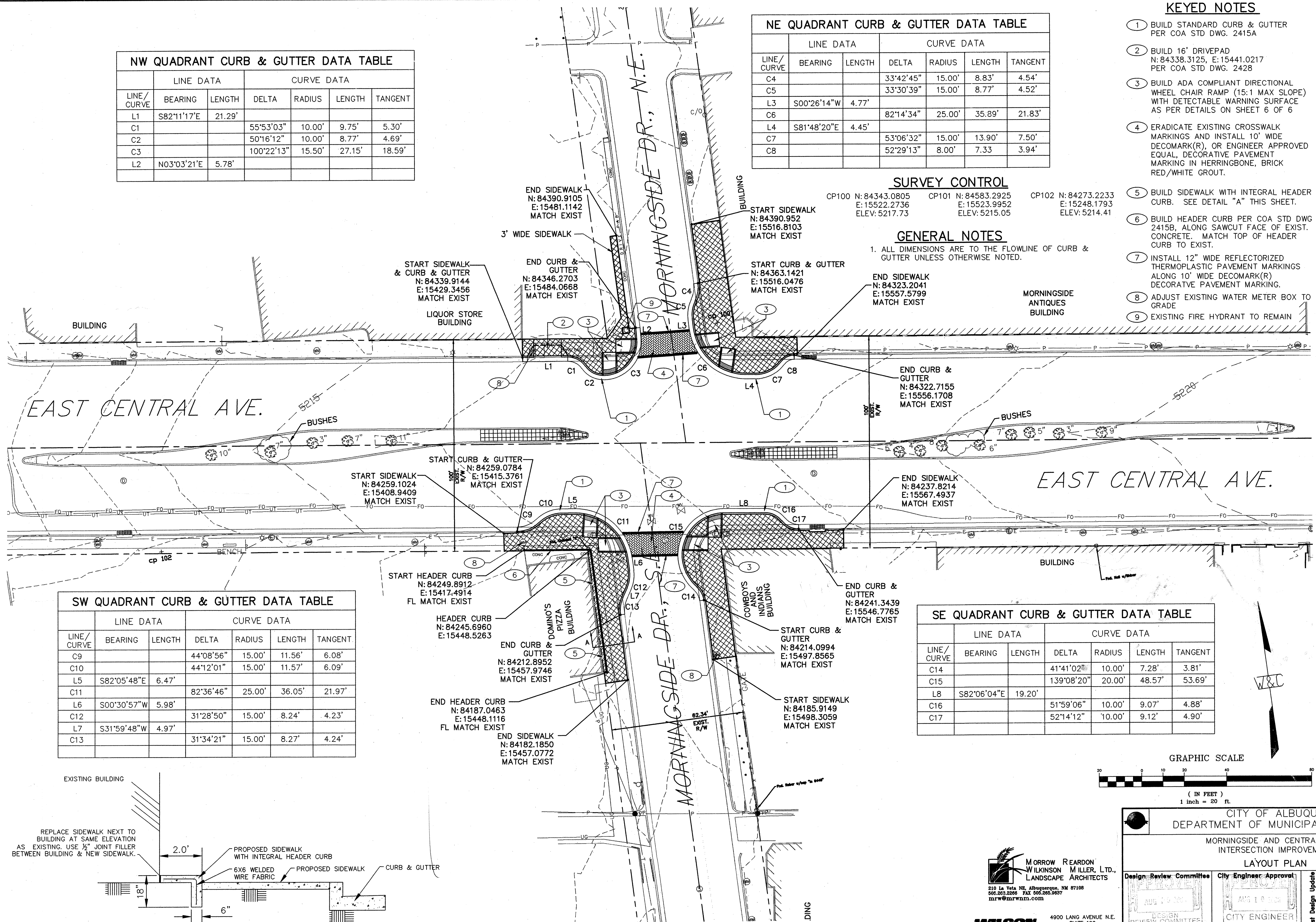
- KEYED NOTES**
- BUILD STANDARD CURB & GUTTER PER COA STD DWG. 2415A
 - BUILD 16" DRIVEPAD N: 84338.3125, E: 15441.0217 PER COA STD DWG. 2428
 - BUILD ADA COMPLIANT DIRECTIONAL WHEEL CHAIR RAMP (15:1 MAX SLOPE) WITH DETECTABLE WARNING SURFACE AS PER DETAILS ON SHEET 6 OF 6
 - ERADICATE EXISTING CROSSWALK MARKINGS AND INSTALL 10' WIDE DECOMARK(R), OR ENGINEER APPROVED EQUAL, DECORATIVE PAVEMENT MARKING IN HERRINGBONE, BRICK RED/WHITE GROUT.
 - BUILD SIDEWALK WITH INTEGRAL HEADER CURB. SEE DETAIL "A" THIS SHEET.
 - BUILD HEADER CURB PER COA STD DWG 2415B, ALONG SAWCUT FACE OF EXIST. CONCRETE. MATCH TOP OF HEADER CURB TO EXIST.
 - INSTALL 12" WIDE REFLECTORIZED THERMOPLASTIC PAVEMENT MARKINGS ALONG 10' WIDE DECOMARK(R) DECORATIVE PAVEMENT MARKING.
 - ADJUST EXISTING WATER METER BOX TO GRADE
 - EXISTING FIRE HYDRANT TO REMAIN

SURVEY CONTROL

CP100 N: 84343.0805 E: 15522.2736 ELEV: 5217.73
 CP101 N: 84583.2925 E: 15523.9952 ELEV: 5215.05
 CP102 N: 84273.2233 E: 15248.1793 ELEV: 5214.41

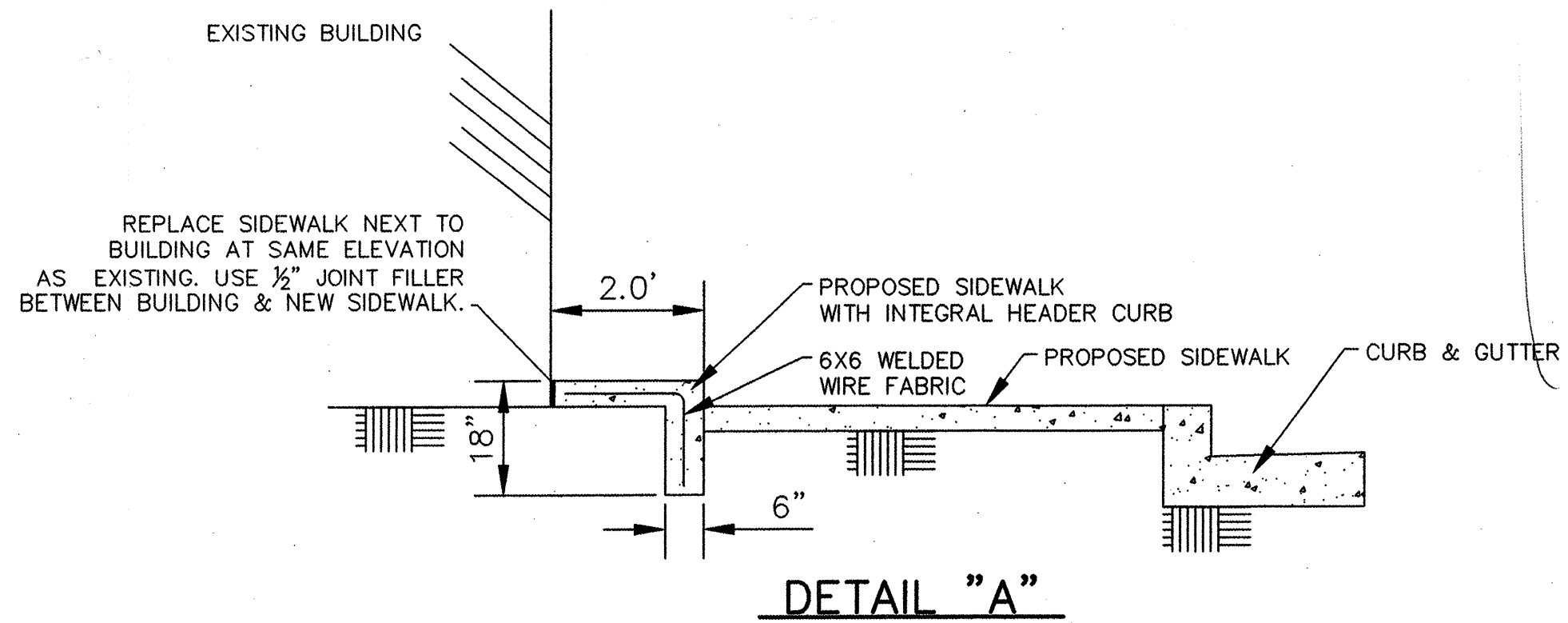
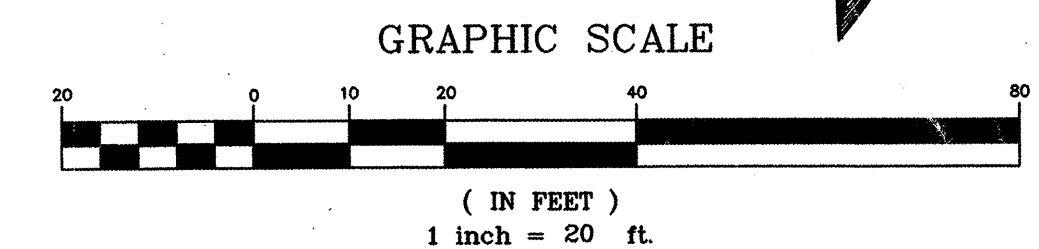
GENERAL NOTES

- ALL DIMENSIONS ARE TO THE FLOWLINE OF CURB & GUTTER UNLESS OTHERWISE NOTED.



SW QUADRANT CURB & GUTTER DATA TABLE						
LINE/CURVE	LINE DATA		CURVE DATA			
	BEARING	LENGTH	DELTA	RADIUS	LENGTH	TANGENT
C9			44°08'56"	15.00'	11.56'	6.08'
C10			44°12'01"	15.00'	11.57'	6.09'
L5	S82°05'48"E	6.47'				
C11			82°36'46"	25.00'	36.05'	21.97'
L6	S00°30'57"W	5.98'				
C12			31°28'50"	15.00'	8.24'	4.23'
L7	S31°59'48"W	4.97'				
C13			31°34'21"	15.00'	8.27'	4.24'

SE QUADRANT CURB & GUTTER DATA TABLE						
LINE/CURVE	LINE DATA		CURVE DATA			
	BEARING	LENGTH	DELTA	RADIUS	LENGTH	TANGENT
C14			41°41'02"	10.00'	7.28'	3.81'
C15			139°08'20"	20.00'	48.57'	53.69'
L8	S82°06'04"E	19.20'				
C16			51°59'06"	10.00'	9.07'	4.88'
C17			52°14'12"	10.00'	9.12'	4.90'



AS BUILT INFORMATION				BENCHMARK				SURVEY INFORMATION				SEAL			
CONTRACTOR	DATE:	WORK STAKED BY	DATE:	INSPECTOR'S APPROVAL	DATE:	FIELD NOTES	DATE:	NO.	BY	REVISIONS	REMARKS	NO.	DATE	BY	REMARKS
DESIGNED BY: SGG DATE: JULY 2006 DRAWN BY: ELO DATE: JULY 2006 CHECKED BY: SGG DATE: JULY 2006															

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CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT

MORNINGSIDE AND CENTRAL AVENUE
 INTERSECTION IMPROVEMENTS

LAYOUT PLAN

Design-Review Committee City Engineer Approval

City Project No. 743691 Zone Map No. K-17-Z Sheet 4 Of 6

