DEPARTMENT OF MUNICIPAL DEVELOPMENT CONSTRUCTION PLANS FOR GABALDON ROAD/LEOPOLDO ROAD INTERSECTION IMPROVEMENTS



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CITY OF ALBUQUERQUE

COA PROJECT NO. 789092



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V. SHEETS INEER'S STAMP & SIG	CITY ENGINEER NATURE APPROVED DRC Chairman Transportation ABCWUA Hydrology C I P AMAFCA Constr. Coord. PROJECT	ENGINE Ling Mr Frequend M M Peter C	EER D 	ATE USER DEPARTMENT DATE ATE APPROVED FOR CONSTRUCTION 26/16 26/16 CITY ENGINEER DATE

GE	ENERAL NOTES	13.
1.	THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS THAT APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.	14.
2.	ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.	15.
3.	DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE	16. 17.
4.	PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION ENGINEER.	18. 19.
5.	CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PUBLIC RIGHT-OF-WAY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.	20.
6.	TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROPOSED PROJECT WILL HAVE ON THE TRANSIT SYSTEM SUCH AS CAUSING A DETOUR, OR CAUSING THE CLOSURE OR RELOCATION OF A BUS STOP. THE CONTACT PERSON IS SHABIH RIZVI, OFFICE PHONE 505-724-3134, CELL PHONE 505-331-0253, AND EMAIL SRIZVI@CABQ.GOV AND/OR DOUGLAS GOFF, OFFICE PHONE 505-724-3137, CELL PHONE 505-206-0151, AND EMAIL DGOFF@CABQ.GOV.	21.
7.	OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.	22.
8.	THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (E.G., BARRICADING, SURFACE DISTURBANCE).	23.
9.	ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.	24.
10.	THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.	
11.	ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.	25.
12.	THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.	26.
U	TILITY COMPANY CONTACTS	
C P 4	PNM-ELECTRICNEW MEXICO GAS CO.CHRIS BUDDROBERT SMITHProject Manager4625 Edith Blvd., NE201 Edith Blvd., NEAlbuquerque, New Mexico 87107Subuquerque, New Mexico 87107(505) 697-3169	<i>ZA YC</i> JIM LA 3150 Albuqu (505)

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LEVEL 3

MIKE MORTUS 8440 Washington St., NE Albuquerque, New Mexico 87103 (505) 269-4006

ARKIN Carlisle Blvd., NE Suite 112 uerque, New Mexico 87110 (505) 835-7987

- ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
- WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, CURB RAMPS, SIGNAGE, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES SHALL BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.652.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
- ALL SWPPP EROSION CONTROL MEASURES SHALL BE REMOVED FROM THE RIGHT-OF-WAY PRIOR TO FINAL ACCEPTANCE.
- AN EXCAVATION/CONSTRUCTION PERMIT SHALL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
- 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 9.
- FIBER OPTIC CABLE IS INSTALLED ALONG THE CORRIDOR. IF THIS CABLE, OR ANY OTHER EXISTING CITY TRAFFIC INFRASTRUCTURE, IS DAMAGED AS PART OF THIS PROJECT WORK, THE CONTRACTOR SHALL REPAIR OR REPLACE IT PER CITY OF ALBUQUERQUE TRAFFIC REQUIREMENTS. DAMAGED FIBER OPTIC CABLE SHALL BE REPLACED FROM EXISTING FULL SPLICE TO EXISTING FULL SPLICE; NO INTERMEDIATE SPLICE WILL BE ALLOWED. THIS WORK SHALL BE DONE AT THE EXPENSE OF THE CONTRACTOR AND NO ADDITIONAL PAYMENT WILL BE MADE.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT THE NEW MEXICO ONE CALL 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.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION SERVICES DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION SERVICES DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL WORK AFFECTING ARTERIAL ROADWAYS MAY REQUIRE TWENTY-FOUR HOUR CONSTRUCTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY THE CONTRACTOR AT THE SAME LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.

ABCWUA (WATER & SEWER) DAVID LAUGHLIN SENIOR ENGINEER P.O. Box 568 Albuquerque, New Mexico 87103 (505) 289-3035

CENTURY LINK

JAMES ARAGON Area Engineer 201 3rd Street NW Room 700 Albuquerque, New Mexico 87102 (505) 245-6374

- RECORDED.

- THE FINISHED SUBGRADE.
- THE CITY ENGINEER.
- DEVICES SHALL NOT BE PLACED PREMATURELY.
- ENGINEER PRIOR TO FINAL PAYMENT.
- STRUCTURES.
- BY THE PROJECT ENGINEER.
- APPROVED REMOVAL OR OBLITERATION.



27. 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 ENSURE 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, THE 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.

28. THE CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. THE CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN

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

30. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT HTTP://WWW.ABCWUA.ORG/WATER SHUT OFF AND TURN ON PROCEDURE.ASPX

31. "R" VALUE. THE DESIGN "R" VALUE FOR THIS PROJECT IS 50. MATERIAL WITH AN "R" VALUE LESS THAN THE DESIGN "R" VALUE SHALL NOT BE PLACED IN OR AROUND THE TOP TWO (2) FEET OF

32. BUSINESS ACCESS: THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND

33. INTERSECTION WORK: CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON-SITE. TRAFFIC CONTROL

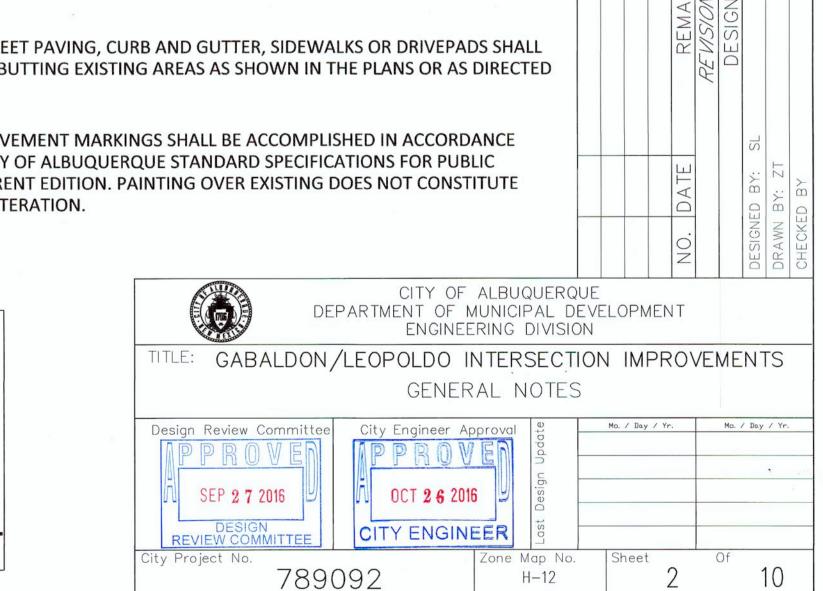
34. THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK PLAN FOR PEDESTRIAN IMPROVEMENTS TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INITIATING THIS WORK. THIS PLAN SHALL INCLUDE THE METHOD PROPOSED TO MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES, SCHOOLS, HOSPITALS, BUILDINGS, ETC. THROUGHOUT THE PEDESTRIAN IMPROVEMENTS CONSTRUCTION IN PARTICULAR. THE CONTRACTOR, AT MINIMUM, SHALL MAINTAIN A 36" CLEAR PATH FOR PEDESTRIANS SO AS TO MEET ADA ACCESSIBILITY REQUIREMENTS.

35. AS-BUILTS: THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED AND ACCEPTED BY THE PROJECT

36. NON-VIBRATORY ROLLER: THE CONTRACT SHALL BE RESTRICTED TO THE USE OF A 35 TON MAXIMUM NON-VIBRATORY ROLLER TO OBTAIN THE REQUIRED COMPACTION IN PAVEMENT STRUCTURE, ROADWAY BACKFILL, EMBANKMENT, AND SUBGRADES IN URBAN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT

37. EXISTING TIE-IN: ALL NEW STREET PAVING, CURB AND GUTTER, SIDEWALKS OR DRIVEPADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED

38. ALL REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SECTION 443 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION. PAINTING OVER EXISTING DOES NOT CONSTITUTE

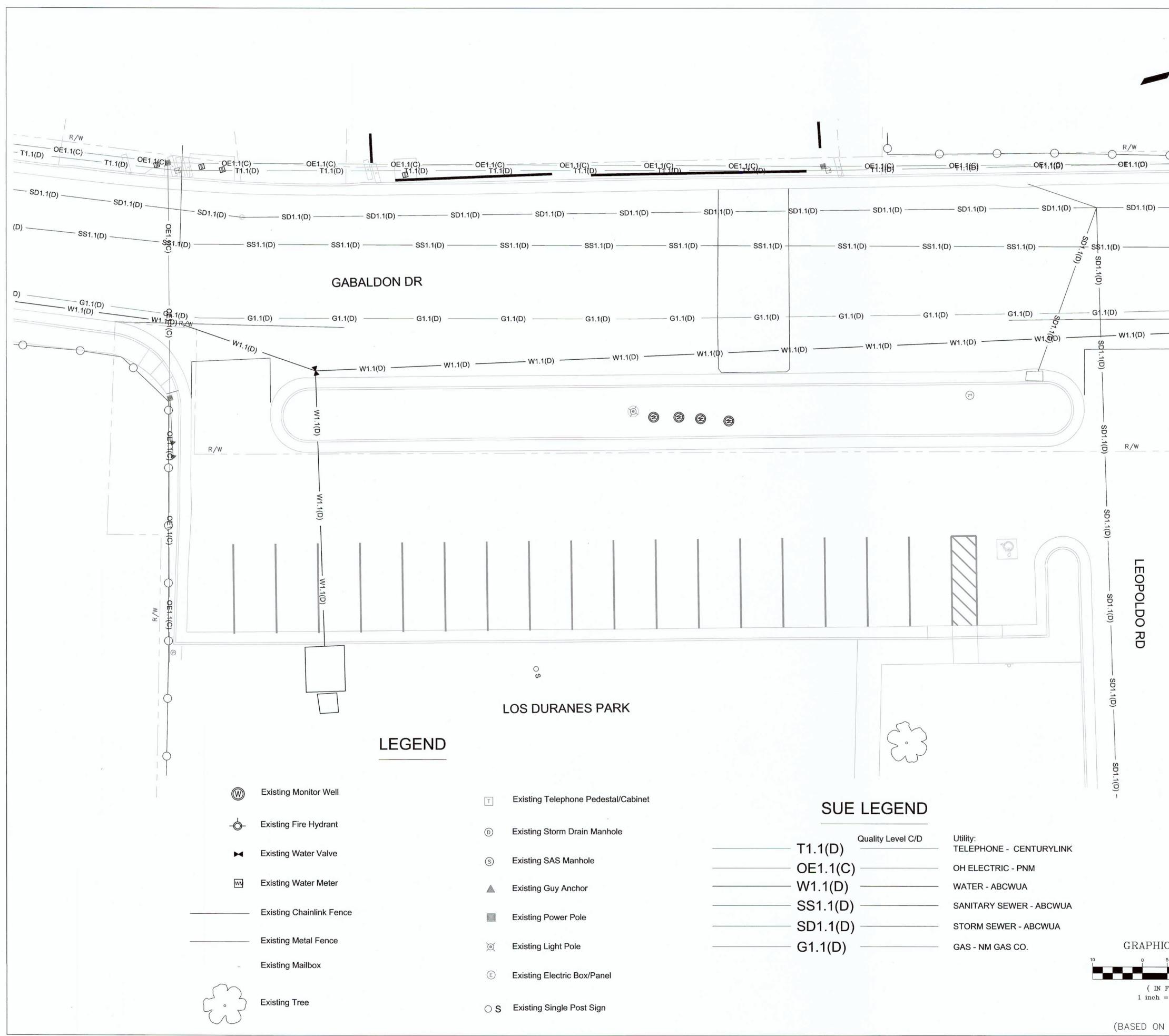


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AS BUIL 7	CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY	MICRO-FILI	RECORDED BY	NO.	
BENCH MARKS	A COA STATION 3 1/4" ALUMINUM DISK STAMPED	"7-813 1985" SET FLUSH WITH TOP OF THE CURB	LOCATED AT THE INTERSECTION OF RIO GRANDE	BOULEVARD AND SAN FRANCISCO ROAD ON THE	SOUTHWEST CORNER 34.7 FT FROM RIO GRANDE	BOULEVARD CENTERLINE.	DATUM NAD 83 N.M. STATE PLANE CENTRAL	N=1495058.484 E=1514348.572, ELEV.=4963.168	
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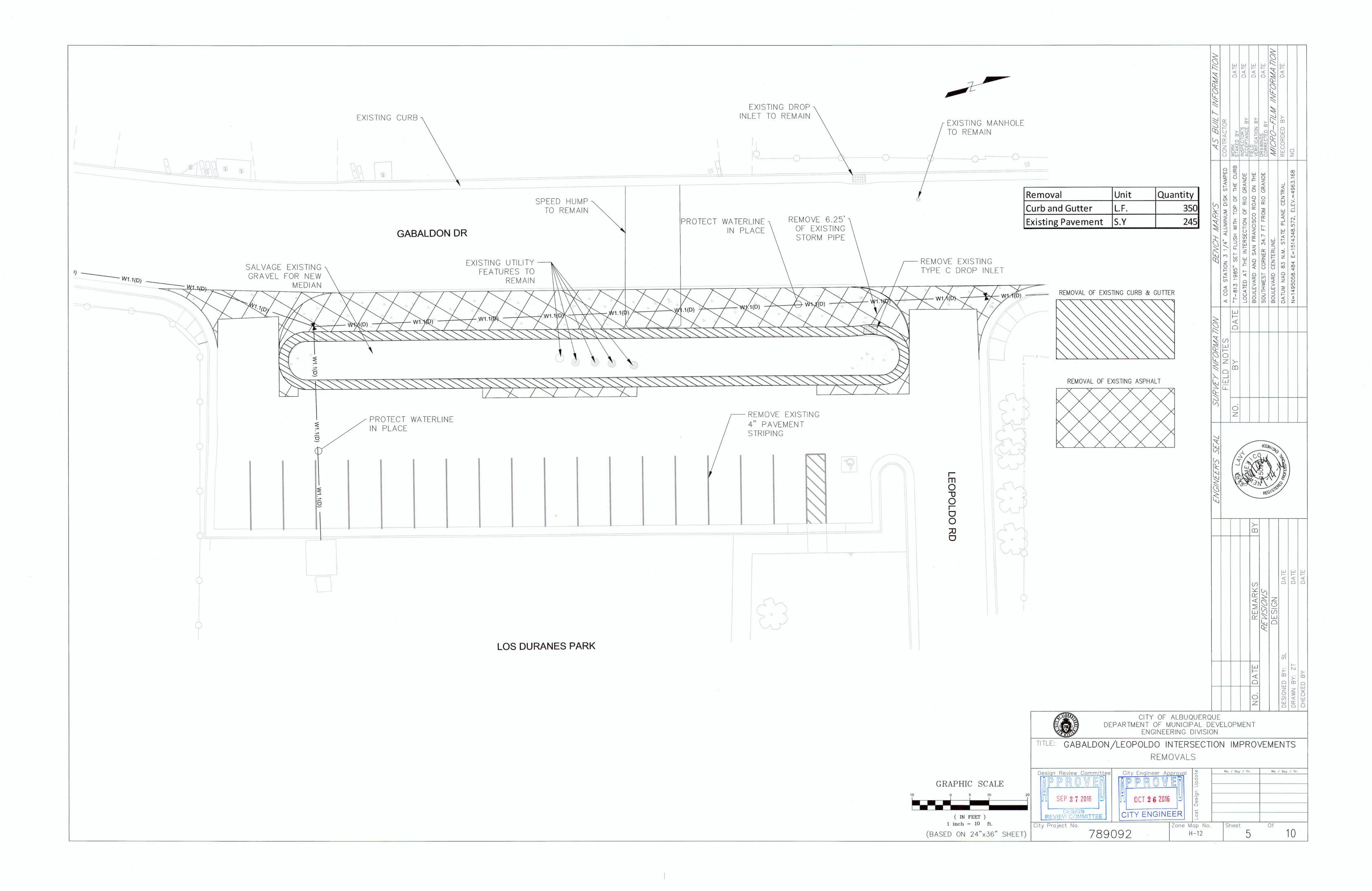
SUMMARY OF QUANTITIES

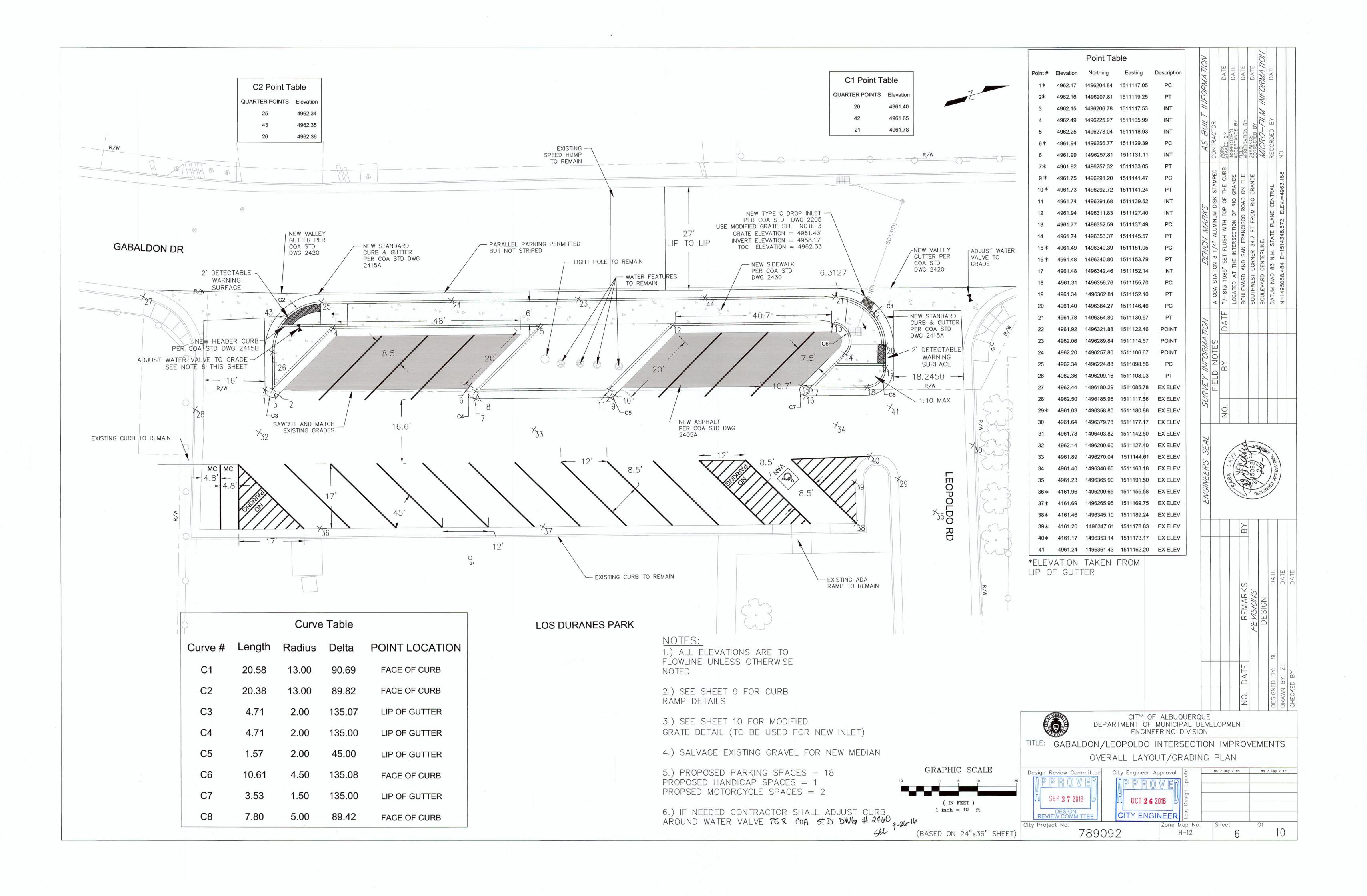
ITEM NO.	DESCRIPTION	UNIT	ESTIMATE
301.02	SUBGRADE PREP, 12" AT 95% COMPACTION , CIP.	S.Y.	150
336.01	PRIME COAT, EMULSFIED ASPHALT, CIP.	S.Y.	150
336.08	ASPHALT CONC., PLACEMENT, 3" THICK, ARTERIAL FRADATION SP III	S.Y.	150
336.12	TACK COAT, CATIONIC EMULSIFIED ASPHALT, CIP.	S.Y.	150
340.01	SIDEWALK, 4" THICK, PORTLAND CEMENT CONCRETE, INCL. SUBGRADE COMPACTION , CIP.	S.Y.	90
340.023	WHEELCHAIR ACCESS RAMP, 4" PCC, STD. CURB., CIP.	S.Y.	25
340.0231A	DETECTABLE WARNING SURFACE ON NEW OR EXISTING HC RAMPS	S.F.	30
340.03	VALLEY GUTTER & CURB, PCC, CIP. SD 2420	S.Y.	100
340.05	CURB & GUTTER, STANDARD, PORTLAND CEMENT CONCRETE, INCL. SUBGRADE PREPARATION, CIP.	L.F.	450
340.11	HEADER CURB, PORTLAND CEMENT CONCRETE, INCL. SUBGRADE, CIP.	L.F.	30
343.02	EXISTING PAVEMENT, ASPHALT CONCRETE, UP TO 4" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.	S.Y.	300
343.08	EXISTING CURB & GUTTER, PC CONCRETE, REMOVE & DISPOSE, COMPL.	L.F.	350
440.035	NON-REFELCTORIZED PAINTED MARKING, ANY COLOR OR SHAPE, CIP.	S.F.	30
441.001	REFLECTORIZED PLASTIC MARKINGS, 4" WIDTH, CIP.	L.F.	765
441.005	REFLECTORIZED PLASTIC MARKINGS, 24" WIDTH, CIP.	L.F.	160
441.034	REFLECTORIZED PLASTIC MARKING, WORD & SYMBOL, CIP.	S.F.	16
443.101	REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL.	L.F.	400
450.001	ALUMINUM PANEL SIGN, CIP.	S.F.	20
450.01	SQUARE TUBE STEEL POST AND BASE FOR ALUMINUM PANEL SIGN, CIP.	L.F.	50
701.1	TRENCHING, BACKFILLING, & COMPACTION, FOR 18" TO 36" SD PIPE, UP TO 8' N DEPTH	L.F.	7
910.103	DRAINLINE REMOVAL, 10" - 18" EXCL. TRENCHING	L.F.	7
915.03	CATCH BASIN, TYPE "C", SINGLE GRATE, CIP.	EACH	1
915.07	CATCH BASIN, EXISTING, REMOVE & DISPOSE, ANY TYPE, INCL. CLEANUP, COMPL.	EACH	1
	SUBTOTAL	-	

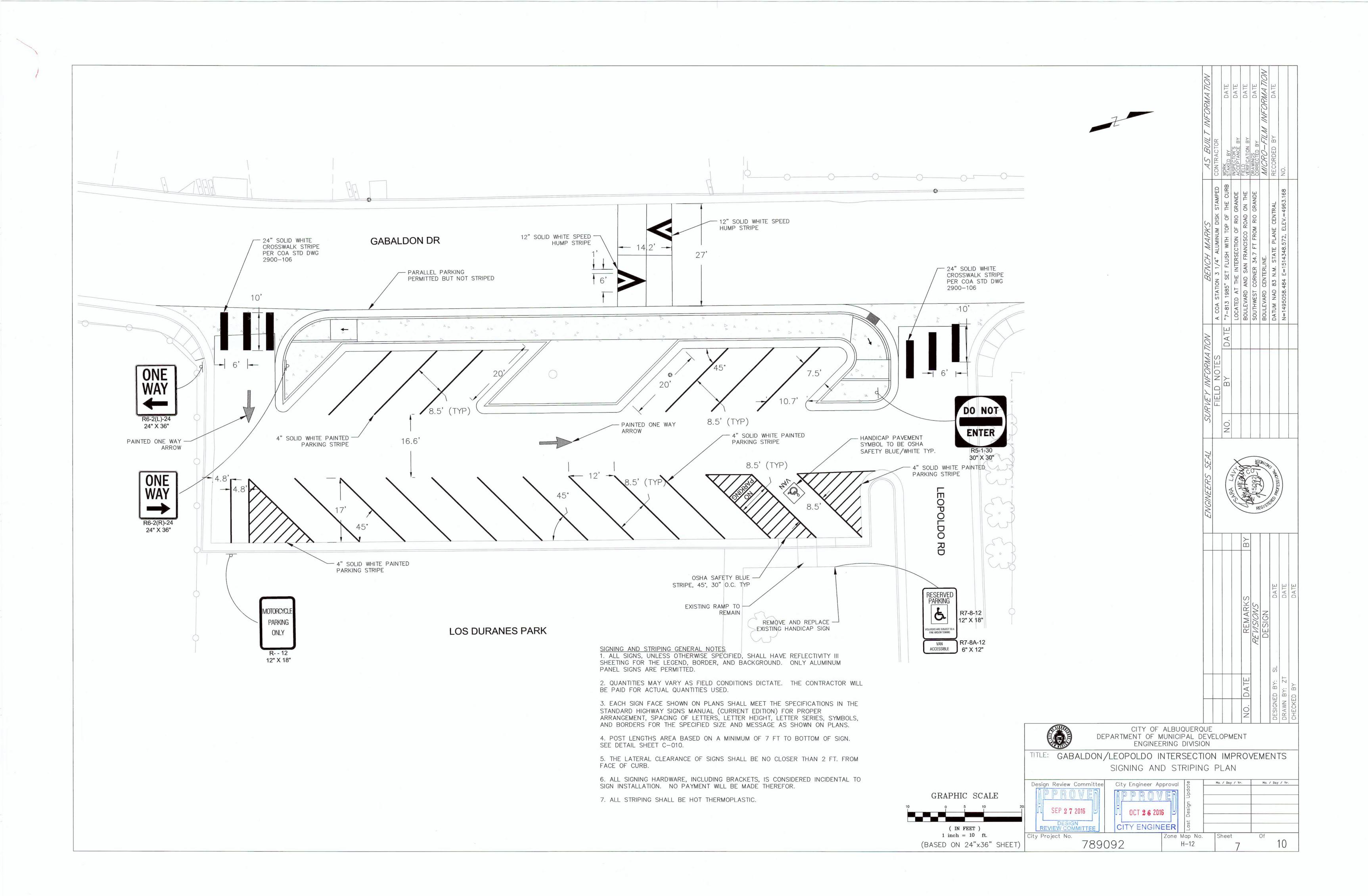
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	AS BUILT	CONTRACTOR	WORK STAKED BY	INSPECTOR'S ACCEPTANCE BY	FIELD VERIFICATION BY	DRAWINGS CORRECTED BY	MICRO-FILM	RECORDED BY	NO.	
	BENCH MARKS	A COA STATION 3 1/4" ALUMINUM DISK STAMPED	"7-813 1985" SET FLUSH WITH TOP OF THE CURB	LOCATED AT THE INTERSECTION OF RIO GRANDE	BOULEVARD AND SAN FRANCISCO ROAD ON THE	SOUTHWEST CORNER 34.7 FT FROM RIO GRANDE	BOULEVARD CENTERLINE.	DATUM NAD 83 N.M. STATE PLANE CENTRAL	N=1495058.484 E=1514348.572, ELEV.=4963.168	
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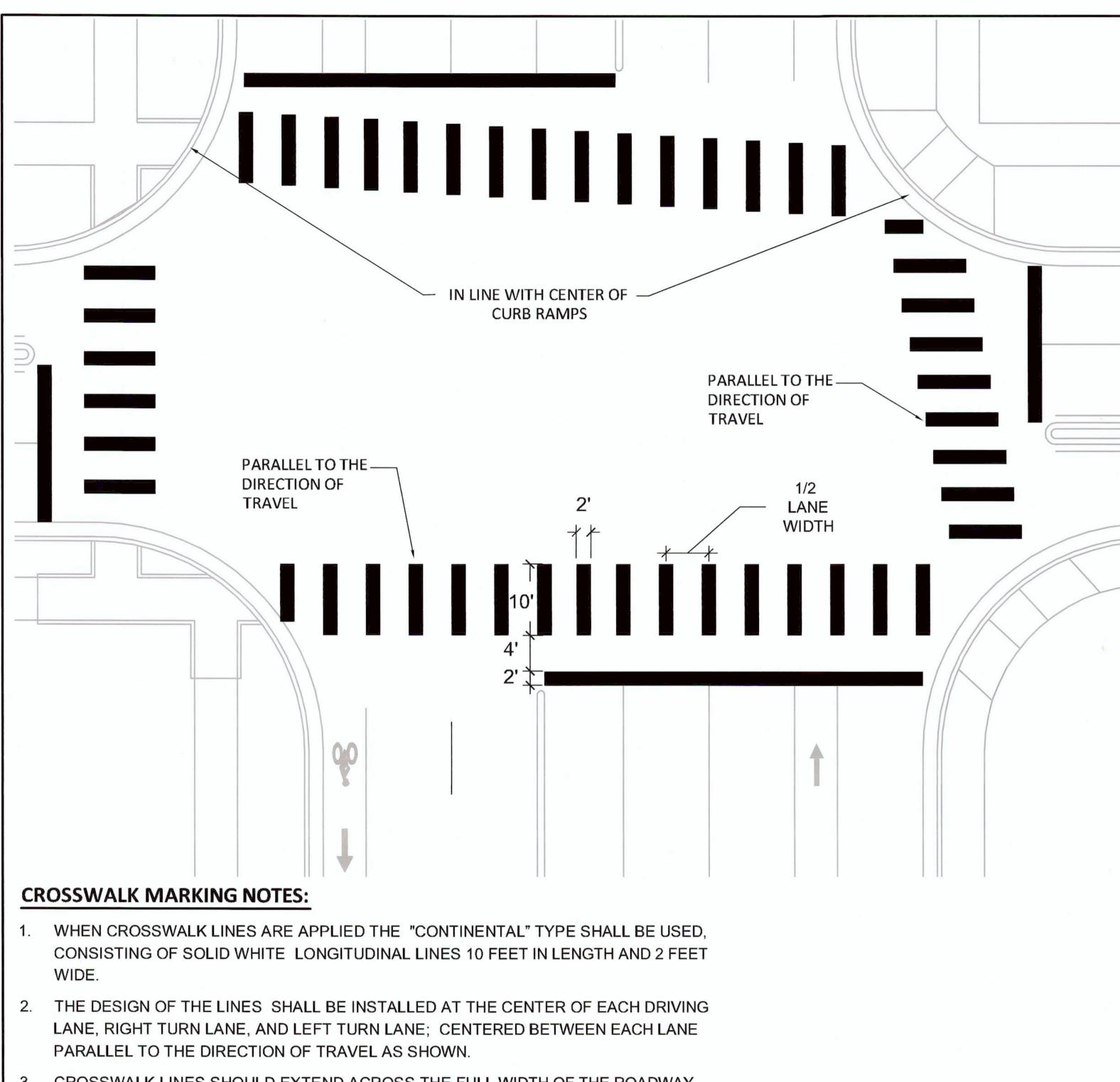


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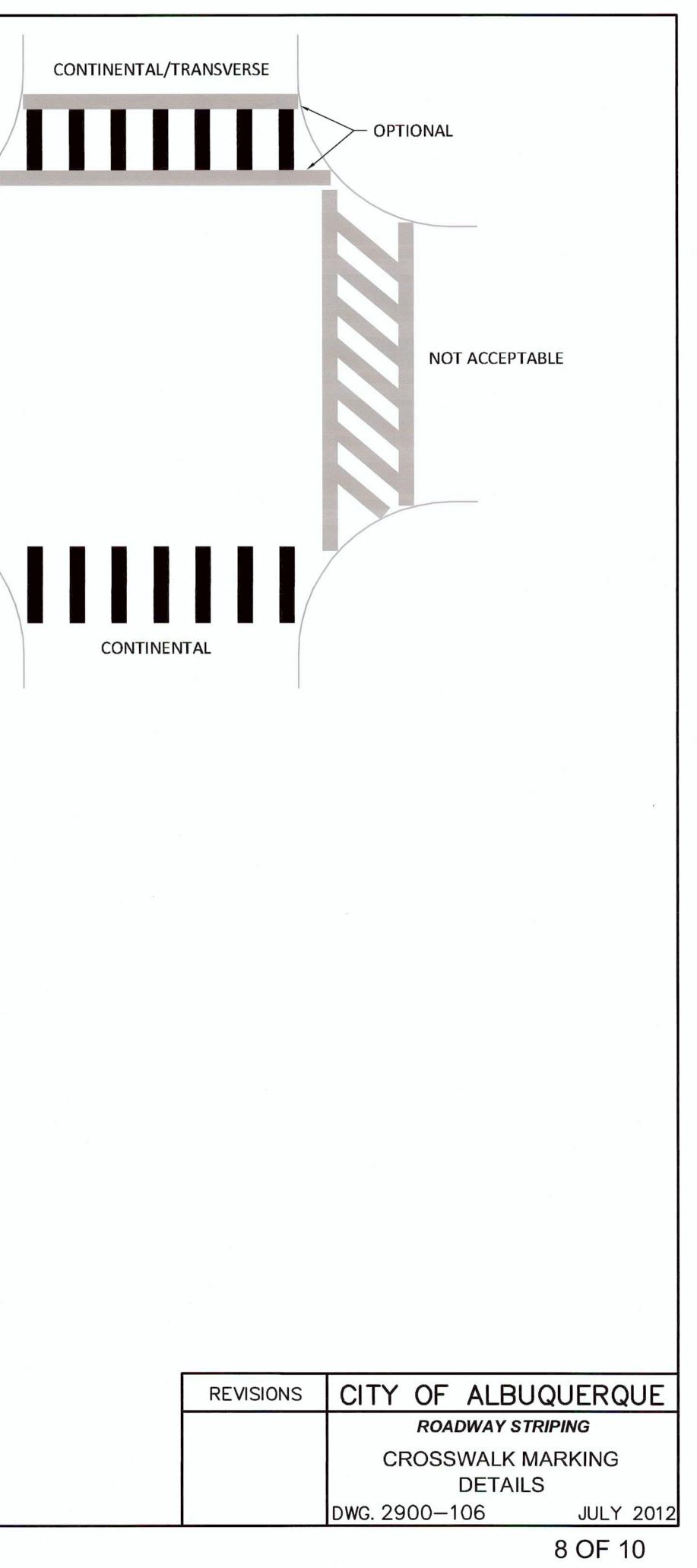


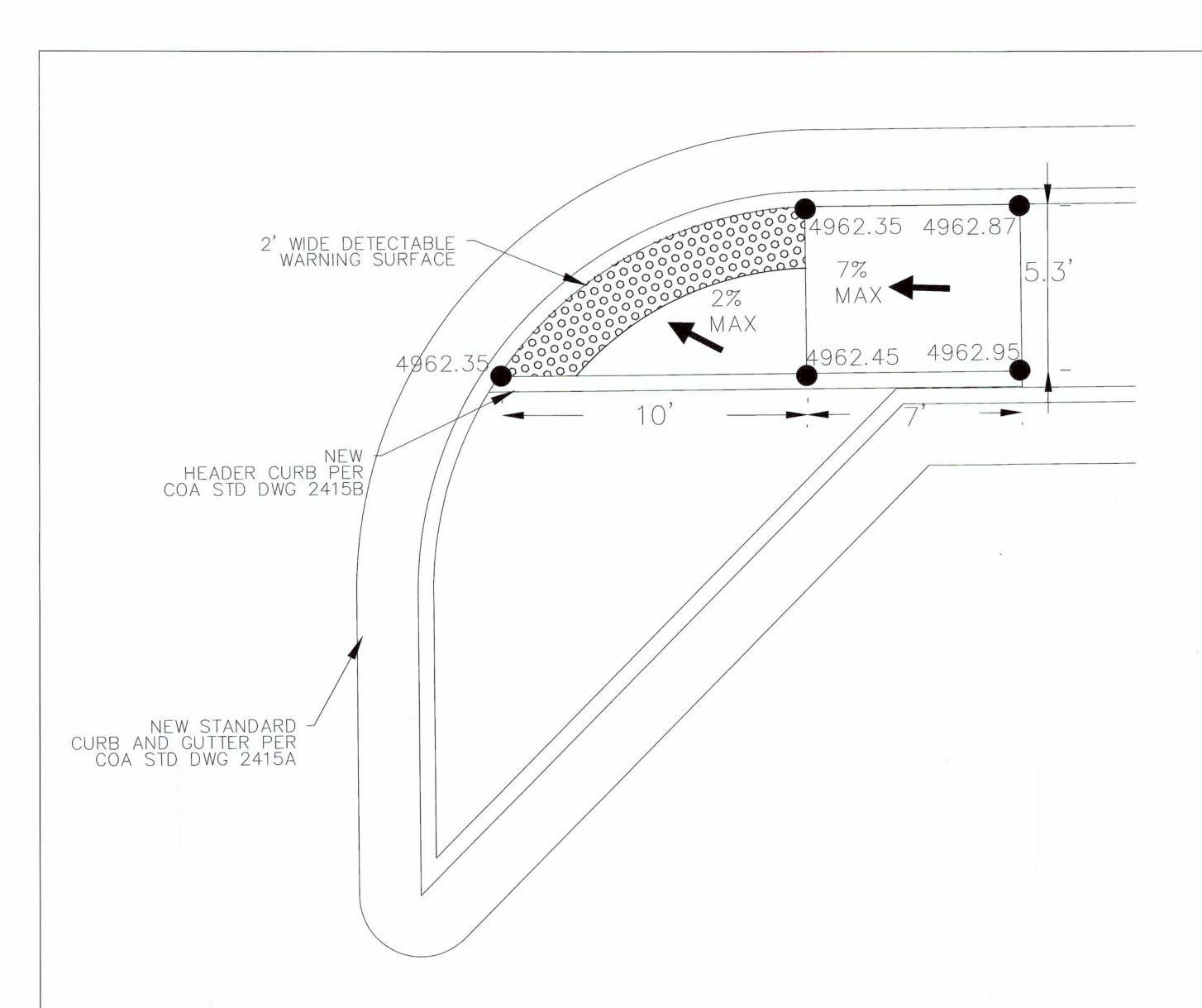




- CROSSWALK LINES SHOULD EXTEND ACROSS THE FULL WIDTH OF THE ROADWAY 3. PAVEMENT OR TO THE EDGE OF THE INTERSECTING CROSSWALK TO DISCOURAGE DIAGONAL WALKING BETWEEN CROSSWALKS.
- CROSSWALK MARKING SHOULD BE LOCATED SO THAT THE CURB RAMPS ARE WITHIN THE EXTENSION OF THE CROSSWALK MARKINGS.
- NOTE: MID-BLOCK CROSSINGS SHALL NOT BE PERMITTED WITHIN ALBUQUERQUE CITY LIMITS, UNLESS APPROVED BY CITY OF ALBUQUERQUE TRAFFIC ENGINEERING.

NOT ACCEPTABLE



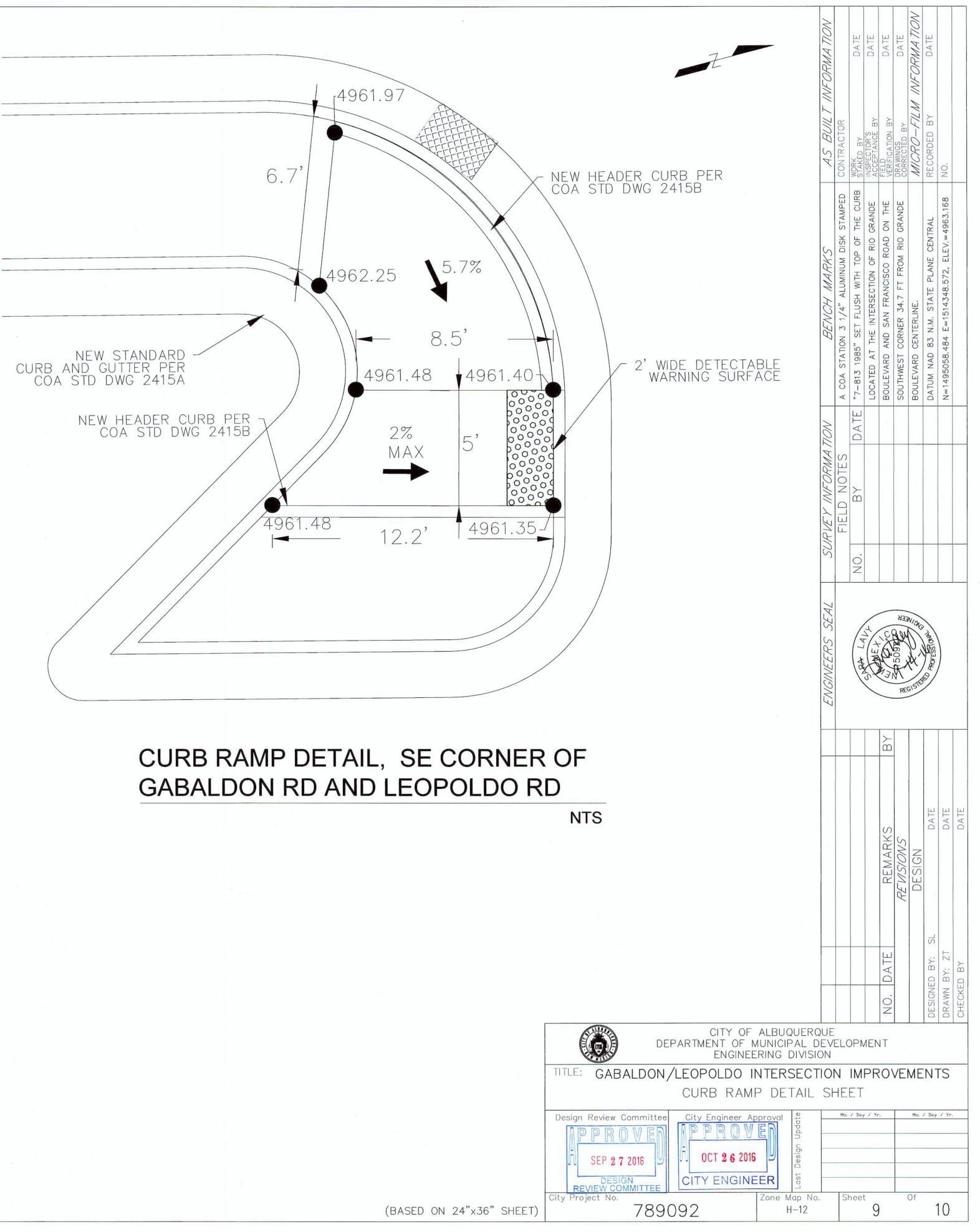


CURB RAMP DETAIL, NE CORNER OF GABALDON RD AND DRIVEWAY

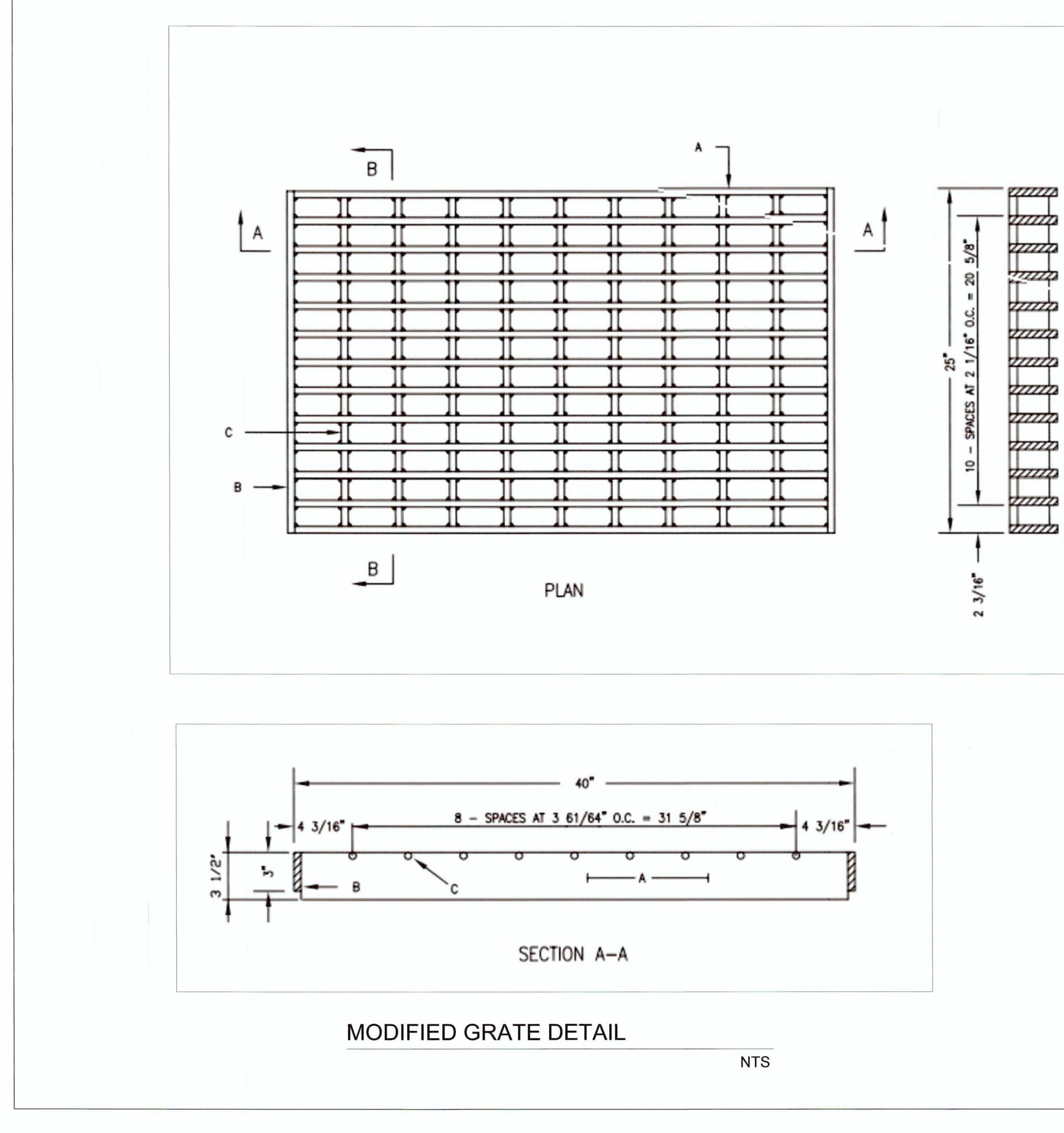
NOTES:

1.	THE RUNNING SLOPE OF THE CURB RAMPS
	SHALL BE 7% MAXIMUM

- THE CROSS SLOPE OF THE CURB RAMPS 2. SHALL BE 1.5% MAXIMUM
- 3. USE CAST-IN-PLACE REPLACEABLE DETECTABLE WARNING SURFACE



NTS



GENERAL NOTES

- 1. ALL BARS SHALL
- 2. THE GRATE SHALL AROUND BOTH SI WELD BOTH SIDE
- 3. AFTER CLEANING S GRATE WITH ONE ALUMINUM PAINT
- 4. TOP OF CROSS I
- 5. GRIND WELDS FLI
- 6. WHEN INSTALLED SIDE SHALL HAVE TO FRAME MAY E OR LESS.

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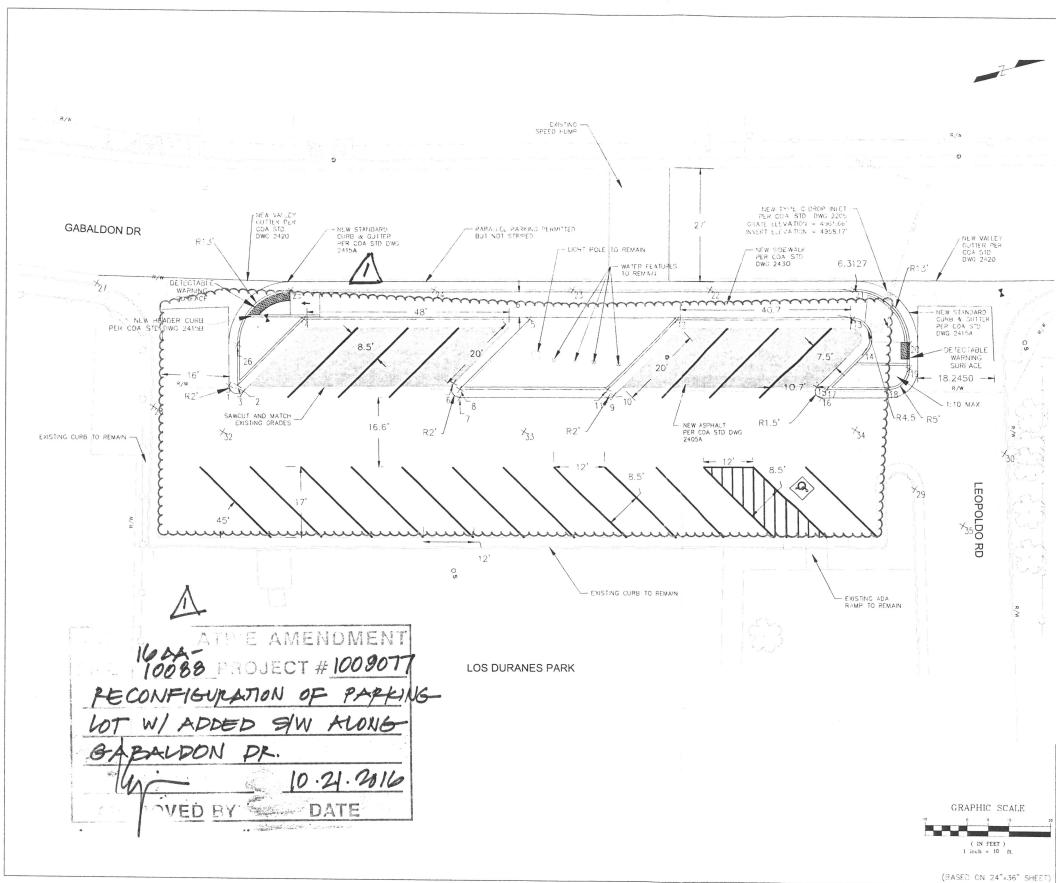
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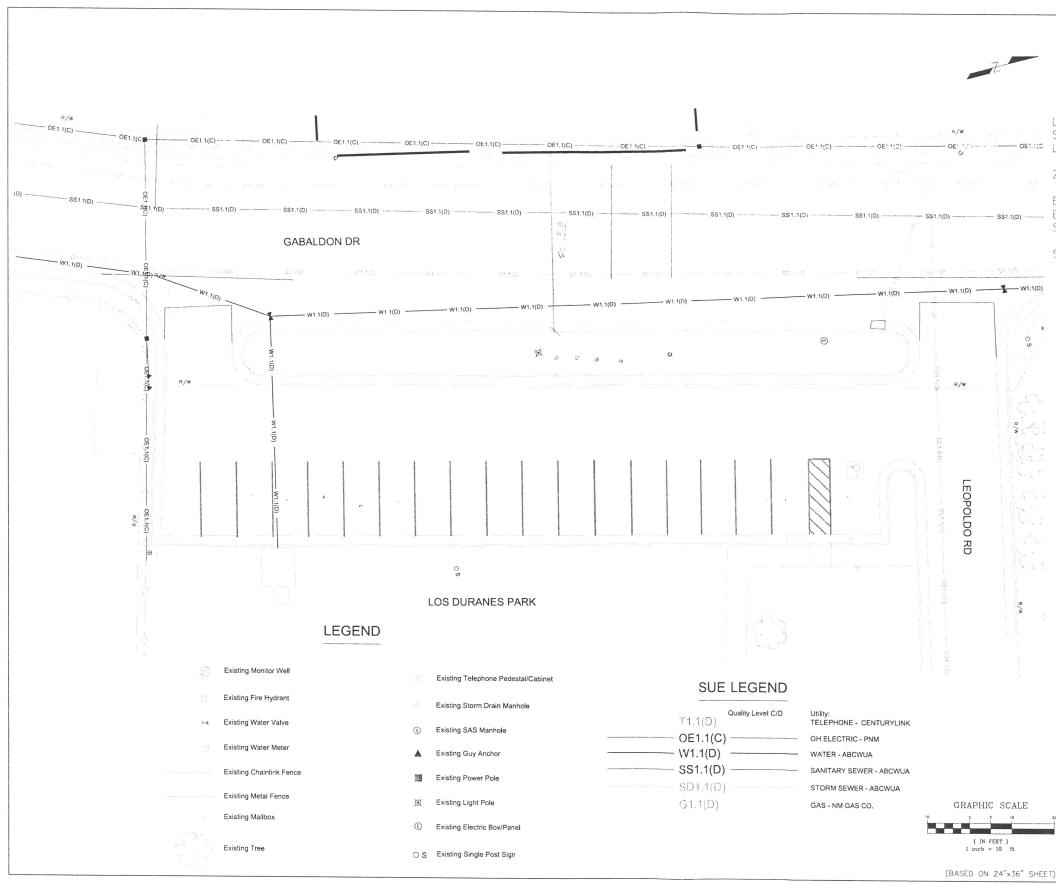
CONSTRUCTION

- A. BEARING BARS, (
- B. END BARS, (2)
- C. CROSS BARS, (9)

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	ENGINEERS SEA		AL AC	S WELLT		5092)	A ST	Dress 10)	
	ENGINEERS SEAL		I NO	SPANE TIT	Ĭ(5092))`	Dress 10)	
	-		NO.			0	Seine			
	SURVEY INFORMATION	FIELD NOTES	DATE	7	0	S	m	0	Z	
X. PARKING SPACES = 20 X. HANDICAP PARKING PACES = 1 IZE: 7.37 ACRES	BENCH WARKS	A COA STATION 3 1/4" ALUMINUV DISK STAMPED	"7-813 1985" SET FLUSH WITH TOP OF THE CURB	LOCATED AT THE INTERSECTION OF RIG GRANDE	BOULEVARD AND SAN FRANCISCO ROAD ON THE	SOUTHWEST CORNER 34.7 FT FROM RID GRANDE	BOULEVARD CENTERLINE.	DATUM NAD 83 N.M. STATE PLANE CENTRAL	N=1495058.484 E=1514348.572, ELEV.=4963.168	
EGAL DESCRIPTION: UMMARY PLAT OS DURANES PARK ONING = SU-2 FOR LD RA-2	AS BUILT INFORMATION	K STAMPED CONTRACTOR		CRANDE INSPECTOR'S			MICRO-FILM INFORMATION	VITAL RECORDED BY	= 496.3.168 NO.	

Gabaldon Road/Leopoldo Road Intersection Improvement

Engineer's Estimate

Date: 9-28-2016

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ITEM NO.	DESCRIPTION	UNIT	ESTIMATE	Unit Cost		Cost
		•			-	
301.02	SUBGRADE PREP, 12" AT 95% COMPACTION , CIP.	S.Y.	150	\$2.00	\$	300.00
336.01	PRIME COAT, EMULSFIED ASPHALT, CIP.	S.Y.	150	\$0.50	\$	75.00
336.08	ASPHALT CONC., PLACEMENT, 3" THICK, ARTERIAL FRADATION SP III	S.Y.	150	\$10.50	\$	1,575.00
336.12	TACK COAT, CATIONIC EMULSIFIED ASPHALT, CIP.	S.Y.	150	\$0.50	\$	75.00
340.01	SIDEWALK, 4" THICK, PORTLAND CEMENT CONCRETE, INCL. SUBGRADE COMPACTION , CIP.	S.Y.	102	\$41.00	\$	4,182.00
340.023	WHEELCHAIR ACCESS RAMP, 4" PCC, STD. CURB., CIP.	S.Y.	25	\$50.00	\$	1,250.00
340.0231A	DETECTABLE WARNING SURFACE ON NEW OR EXISTING HC RAMPS	S.F.	30	\$35.00	\$	1,050.00
340.03	VALLEY GUTTER & CURB, PCC, CIP. SD 2420	S.Y.	50	\$60.00	\$	3,000.00
340.05	CURB & GUTTER, STANDARD, PORTLAND CEMENT CONCRETE, INCL. SUBGRADE PREPARATION, CIP.	L.F.	450	\$21.00	\$	9,450.00
340.11	HEADER CURB, PORTLAND CEMENT CONCRETE, INCL. SUBGRADE, CIP.	L.F.	30	\$20.00	\$	600.00
343.02	EXISTING PAVEMENT, ASPHALT CONCRETE, UP TO 4" THICK, SAWCUT, REMOVE & DISPOSE, COMPL.	S.Y.	245	\$6.50	\$	1,592.50
343.08	EXISTING CURB & GUTTER, PC CONCRETE, REMOVE & DISPOSE , COMPL.	L.F.	350	\$6.50	\$	2,275.00
440.035	NON-REFELCTORIZED PAINTED MARKING, ANY COLOR OR SHAPE, CIP.	S.F.	48	\$1.50	\$	72.00
441.001	REFLECTORIZED PLASTIC MARKINGS, 4" WIDTH, CIP.	L.F.	875	\$0.50	\$	437.50
441.005	REFLECTORIZED PLASTIC MARKINGS, 24" WIDTH, CIP.	L.F.	60	\$2.75	\$	165.00
441.034	REFLECTORIZED PLASTIC MARKING, WORD & SYMBOL, CIP.	S.F.	100	\$8.50	\$	850.00
443.101	REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL.	L.F.	426	\$1.00	\$	426.00
450.001	ALUMINUM PANEL SIGN, CIP.	S.F.	22	\$19.00	\$	418.00
450.01	SQUARE TUBE STEEL POST AND BASE FOR ALUMINUM PANEL SIGN, CIP.	L.F.	50	\$11.00	\$	550.00
701.1	TRENCHING, BACKFILLING, & COMPACTION, FOR 18" TO 36" SD PIPE, UP TO 8' N DEPTH	L.F.	7	\$24.00	\$	168.00
910.103	DRAINLINE REMOVAL, 10" - 18" EXCL. TRENCHING	L.F.	7	\$6.00	\$	42.00
915.03	CATCH BASIN, TYPE "C", SINGLE GRATE, CIP.	EACH	1	\$3,900.00	\$	3,900.00
915.07	CATCH BASIN, EXISTING, REMOVE & DISPOSE, ANY TYPE, INCL. CLEANUP, COMPL.	EACH	1	\$1,105.00	\$	1,105.00
	SUBTOTAL				Ś	33,558.00
	56510172				Ť	33,330.00

Subtotal

\$33,558 \$3,356 \$36,914 \$2,699 \$39,613 **\$40,000** Contingency, 10% Subtotal NMGRT, 7.3125% Total

Use