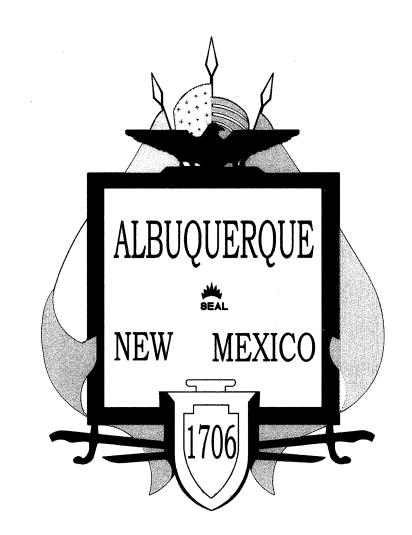
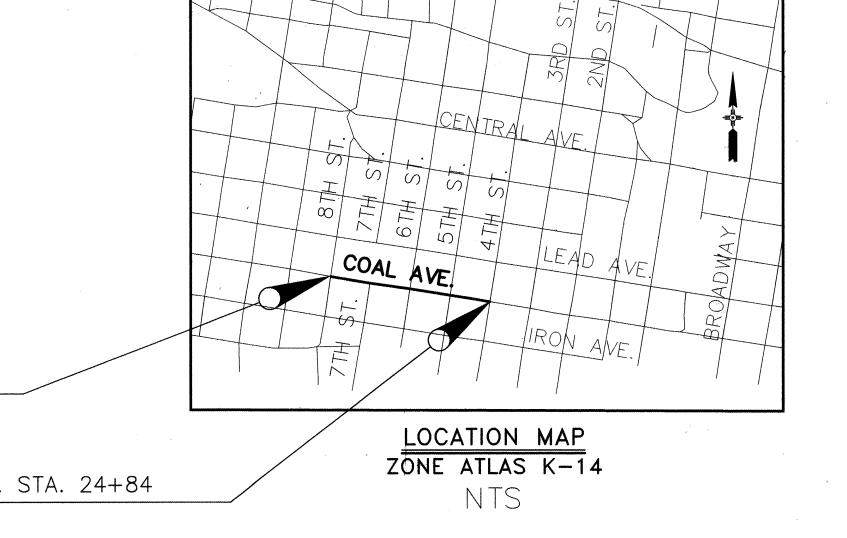
CITY OF ALBUQUERQUE NEW MEXICO





B.O.P. STA. 10+00

CONSTRUCTION PLANS FOR

COAL AVENUE STREETSCAPE

CITY PROJECT NO. 632393

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FOR INFORMATION ONLY

Cannett Fleming West, Inc.

155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 265-8468 Facsimile: (505) 881-2513

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7	PROFESSION	**/	Constr. Co	oord.	In his	7-12-02			
	6-17-02	-	City Pr	oject	No.	•	Sheet	Of	
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PROPOSED MH	EXISTING	DESCRIPTION SANITARY SEWER MANUALE					770/ 710/ 710/ 710/
SD		SANITARY SEWER MANHOLE	GENERAL NOTES:	INC	IDENTAL ITEMS *		NFORMA TI DAT DAT DAT INFORMA I
TMH	- CSD -		1. THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT.				1.0R
- WIII	- CAMH		THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CONSTRUCTION PROJECT MANAGER.	The state of the s	RRECTION OF PAVEMENT DROP—OFF. SEE GENI AN EXISTING STRUCTURES. SEE GENERAL NOT		
	8" CD	MANHOLE	2. IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE	MAT	TCHING EXISTING PAVEMENT, SEE GENERAL NOT	TE 9, THIS SHEET.	
SAS	SAS 8" CP	SANITARY SEWER LINE w/SIZE & TYPE	WITH THE NMSHTD'S CURRENT "DROP—OFF—GUIDELINE". THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.	MAN	ANING TRAFFIC CONTROL DEVICES. NOTE 24 : NHOLE COVER AND VALVE LID ADJUSTMENT, SE	EE GENERAL NOTE 21 THIS SHEET	BU/ BU/ BU/ BU/ BV/ CO- CO- CO- CO- CO- CO- CO- CO-
SD	SD-48" RCP		3. NO MATERIAL PITS HAVE BEEN DESIGNATED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE.	TRIF	PLACEMENT OF SIDEWALK SHEET 7 NOTE 7, SH PPING HAZARD REPAIR SHEET 6	EET 8 NOTE 2.	AS RNTRAC SPECTO SPECTO SPECTO SPECTO MCA MNOS SPECTO SPEC
W	<u>6"</u> <u>Cl</u>	WATER LINE w/SIZE & TYPE	4. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION		HTING INCIDENTAL ITEMS, SHEET 12. PAIR OF SIDEWALK DAMAGE FROM SIGN POST II	NSTALLATION SHEET 18 NOTE 6.	N S S S S S S S S S S S S S S S S S S S
	salad Applicate trans.	OVERHEAD ELECTRICAL LINE	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	coc	ORDINATION WITH PNM, SHEET 12 NOTE 24		
		ELECTRICAL RISER	(768-2551) PRIOR TO OCCUPYING AN INTERSECTION.				
UE	UE	UNDERGROUND TELEPHONE	5. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC	l w	EMS LISTED ARE ONLY A GENERAL DESCRIPTION ORK AND MATERIALS, AND MAY NOT BE COMP	LETE. THIS LIST DOES	
		UNDERGROUND TELEPHONE OVERHEAD TELEPHONE	WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE NO.6, OR AS MODIFIED BY THE PROJECT SPECIFICATIONS, AS STATED IN THE SPECIAL PROVISIONS.) TI	OT INCLUDED ANY INCIDENTAL WORK OR MATE HE SPECIAL PROVISIONS, SERIALS (STANDARD	DETAILS), SUPPLEMENTAL	
	— OH TEL 	GAS LINE W/SIZE & TYPE	6. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE—CALL SYSTEM, 505—260—1990, FOR	5	PECIFICATIONS, OR THE STANDARD SPECIFICATI	ONS.	MAK
	— — CATV— —	CABLE TELEVISION LINE	LOCATION OF EXISTING UTILITIES.				
		ENCASEMENT	7. 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 BY THE PROJECT MANAGER.				
		STORM INLET (GRADE ELEVATION GIVEN IN	8. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW ADDITIONAL CREWS TO	UTILITY OWNERS			
	Action sensition to community and the community of the co	PLANS IS EXTÈNDED FLOW LINE)	PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.	Ferran, Rocky	Office phone: (505) 241-0525	PNM- Electric	
	\square	WATER RISER	9. WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A		Office fax: (505) 241—3620 rferran@pnm.com	Engineering Representative 4201 Edith Blvd. NE	
	som voganie den 🚫 nam vergene vere	WATER VALVE	NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.	Gabel, Elisabeth	Office phone: (505) 241-7745	Albuquerque, NM 87107 PNM — Gas Co. of NM	
		BUTTERFLY VALVE	10. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER. OR SIDEWALK DURING CONSTRUCTION. APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS. AND SHALL	Gaber, Elisabeth	Office fax: 241-7753 egabel@pnm.com	Planning Engineer 4625 Edith Blvd. NE, MS-GS66	
<u> </u>	<u> </u>	FIRE HYDRANT	REPAIR OR REPLACE PER CITY OF ALBUQUERQUE STANDARDS AT HIS OWN EXPENSE.			Albuquerque, NM 87107	N/ ATE
	The same of the sa	REDUCER	11. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING, AT HIS OWN EXPENSE, ALL PERMITS NECESSARY FOR CONSTRUCTION.	Crowel, David	Office phone: (505) 842—2911 Office fax: 842—2890 dcrowel@att.com	AT&T Resource Supervisor 111 3rd Street NW	0 4 1/C
<u> </u>	Commission of the Commission o	SAS SERVICE CONNECTION	12. ALL WORK IMPACTING AN ARTERIAL ROADWAY WILL REQUIRE 24—HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE BARREL POLICY.		delowered tt. com	Albuquerque, NM 87103	FORM,
т	*	WATER SERVICE CONNECTION	13. CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON-SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.	Damell, Andy	Office phone: (505) 346—4476 Office fax: (505) 346—4481	MCI Worldcom Operations Manager	
, T .	şlş	TEES CROSSES	14. OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.		andy.darnell@wcom.com	3700 Singer NE, Suite A Albuquerque, NM 87109	
 		BENDS	15. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS PRIOR TO INITIATING	Erickson, Rita	Office phone: (505) 761—6235 Office fax: (505) 761—0599	Comcast Planning and Design Supervisor	AN F
——————————————————————————————————————	~~~	CAPS & PLUGS	CONSTRUCTION. IF DURING THE COURSE OF CONSTRUCTION OPERATIONS, THE CONTRACTOR DISTURBS OR DESTROYS A MONUMENT, THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR. THE MONUMENT SHALL ONLY BE REPLACED BY THE CITY SURVEY SECTION AT THE		rita_erickson@cable.comcast.com	4611 Montbel Place NE Albuquerque, NM 87107	
	come annual sound	WATER METER	CONTRACTOR'S EXPENSE. 16. THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 14 FEET FROM THE EDGE OF DRIVING LANE. THE CONTRACTOR SHALL NOT	Harrison, Royal	Office phone: (505) 938-7339	Time Warner Telecom	
— WM GM	GM	GAS METER	STORE EQUIPMENT OR MATERIAL WITHIN THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE		Office fax: (505) 938-7380 Royal.Harrison@twtelecom.com	Plant Manager 3830 Singer Blvd. NE Suite 1000	71
GV	[6]	GAS RISER	CONTRACTOR AND MUST BE APPROVED BY THE PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE	Manage	Office where (EOE) 009 2274	Albuquerque, NM 87109	SEA
●VB	O ^{∨B}	VALVE BOX	MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.	Mares , John	Office phone: (505) 998—2274 Office fax: (505) 998—9161 john.mares@espire.net	E.Spire 505 Marquette NW Suite 1605 Albuquerque, NM 87102	S Signature Signature
PP		POWER POLE	17. WHEN EXISTING TRAFFIC SIGNALS ARE TURNED OFF, THE CONTRACTOR SHALL HAVE AN OFF—DUTY POLICE OFFICER DIRECT TRAFFIC. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL PAYMENT WILL BE MADE.	Mueller, Rick	Office phone: (505) 244-3161	McLeodUSA	FEAT N. C. N
<u>A</u> SP	\$	TRAFFIC SIGNAL	18. NO CONSTRUCTION TRAFFIC CONTROL PLAN HAS BEEN PROVIDED FOR THIS CONSTRUTION. CONSTRUCTION TRAFFIC CONTROL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT THEIR CONSTRUCTION TRAFFIC CONTROL PLAN TO		Office fax: (505) 244-0094 Cell phone: 228-3329	Supervisor of Outside Techs. 505 Marquette NW, (Compass Bank) Suite 1600	NO REGISTION
■ TC	<u>s</u>	TRAFFIC CONTROL BOX	THE CITY OF ALBUQUERQUE PWD PROJECT MANAGER FOR APPROVAL PRIOR TO ITS IMPLEMENTATION.	Muller, David	rdmueller@mcleodusa.com Office phone: (505) 245-8706	Albuquerque, NM 87102 QWEST/US WEST	NEW S
PB	PB	PULL BOX	19. ADA ACCESSIBLE SIDEWALK RAMPS SHOWN HERE IN ARE NEW CONSTRUCTION ONLY AND SHALL COMPLY WITH ALL CURRENT ADAAG REQUIREMENTS AND COA STANDARD DRAWING 2441, CASE I. EXISTING ADA SIDEWALK RAMPS INCLUDING THOSE THAT ARE NOT TO BE MODIFIED ARE NOT INDICATED IN THIS PLAN SET.	Muller, David	Office fax: (505) 245-6831 or 245-6733 dmuller@uswest.com		
		TELEPHONE RISER	20. THE CONTRACTOR SHALL CLEAN ALL EXISTING STRUCTURES THAT ARE TO REMAIN OPERATIONAL. STRUCTURES SHALL BE CLEAN AT THE			Albuquerque, NM 87102	BY BY
	□ ^{TB}	TELEPHONE BOOTH	TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO CONSTRUCTION. NO SEPARATE MEASUREMENT AND PAYMENT WILL BE MADE FOR CLEANING OF STRUCTURES.	Turley, Tom	Office phone: (636) 561—0339 Office fax: (636) 561—0355	GENUITY Supervisor — OSP Maintenance 50 Center on the Lake	INC. 03/25/200 05/14/200
	□ ^{FA}	FIRE ALARM BOX	21. THE CONTRACTOR SHALL ADJUST ALL MANHOLE COVERS AND VALVE LIDS TO GRADE. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO CONSTRUCTION. NO SEPARATE MEASUREMENT AND PAYMENT WILL BE MADE FOR ADJUSTMENTS OF MANHOLES COVERS		tom.turley@genuity.com	Lake Saint Louis, MO 63367	03/
	1.20 feet for analysis (Companies and Companies and Compan	CURB & GUTTER	AND VALVE LIDS.	Nelson, Joshua	Mobile: (505) 991-2120	CityNet Telecommunications	SOT ST
	SW	SIDEWALK	GENERAL NOTES, PAVEMENT MARKINGS		Office fax: (505) 217-0070 Jhcookco_jn@worldnet.att.net	Consultant 505 Marquette Ave. N.W. Suite 119—A	REMARKS REVISIONS FLEMING WEST, MPG DATE WAG DATE
		BLOCK WALL				Albuquerque, NM 87102	
	X	CHAIN LINK FENCE		Olson, Greg	Office phone: (505) 768—2719 Office fax: (505) 768—3629 golson @ cabq.gov	City of Albuquerque Principal Engineer, Utility Development	
* * * * * * *	-*	FIELD FENCE	1. PAVEMENT MARKING AND STRIPING SHALL MEET THE MINIMUM REQUIREMENTS OF THE MUTCD 2000.		golson@cabq.gov	P.O. Box 1293 Albuquerque, NM 87103	
		RIGHT OF WAY LINES	2. ALL WHITE AND YELLOW STRIPING SHALL BE REFLECTORIZED PLASTIC.			FOR INFORMATION ONLY	
		PROPERTY LINES(SIDE)	3. ALL SYMBOLS SHALL BE REFLECTORIZED PREFORMED PLASTIC MARKINGS.				ANNE STATE OF THE
		PUBLIC EASEMENT	4. SEE SHEET 21 FOR MISCELLANEOUS STRIPING DETAILS.				DA DA B B B B B B B B B B B B B B B B B
5	⊗ 	POWER POLE W/LIGHT				Gannett Fleming West, In 2155 Louisiana NE. Suite 9000 Albuquerque, New Mexico 87	
P. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		DRIVEPAD	-			Office: (505) 265-8468 CITY OF ALBUQUE	
DQ\subjection \(\)	E Company	MOBILITY IMPAIRED ACCESS RAMP	GENERAL NOTES, SIGNALS			PUBLIC WORKS DEPAI	RTMENT
L/CAD	<i>† 11</i>	C.O.A. PROJECT CONTROL POINT OR	1. NO TRAFFIC SIGNAL MODIFICATION WILL BE PERFORMED DURING THIS CONSTRUCTION.			ENGINEERING DEVELOPME TITLE: COAL AVENUE ST	
7/064	Emanus S	A.C.S. MONUMENT DO NOT DISTURB				LEGEND, GENERAL NOTES AN	
⊕ ⊕		TEST BORING				Design Review Committee City Ingineer Approve	Mo./Day/Yr. Mo./Day/Yr.
OJEC 18	A	HORIZ. & VERT. CONTROL					
- X		TREE				M MESISONS D W MESISONS D	Sign of the state
(a) (a) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	***	BUSH			NEW MEXICO ONE CALL SYSTE	MEAIEAA COMINITI LEE	
o o o o o o o o o o o o o o o o o o o	- Constitution of the Cons	SIGN OR BILLBOARD PARKING BUMPER			505-260-1990	City Project No. Zone Map 632393 K-1	
غ مَ ا	** SERGIFFER CONTROL SECTION S	FANNING DUMPER		<u> </u>			

SUMMARY OF QUANTITIES

STREET FINAL STRE	ITEM NO.		ITEM UNIT R		CONSTRUCTION SIGNING		PERMANENT SIGNING & STRIPING	LIGH	LIGHTING		JECT ALS
Section Commission Project Same per Command Project Proj				ESTIMATE FINAL	ESTIMATE	FINAL	ESTIMATE FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
15.010 CONSTRUCTOR MERIL ZARDA, COMP. 15 15 15 15 15 15 15 1	4.010			LS						LS	
15 15 15 15 15 15 15 15					1					1	
110 12 ARTERIAL ASPHALT CONCRETE TYPE B, COMP_ 70N 16	6.050	CONSTRUCTION MOBILIZATION, COMPL.	LS	LS						LS	
110 12 ARTERIAL ASPHALT CONCRETE TYPE B, COMP_ 70N 16	10.010	CONCERNITION TRAFFIC CONTROL & RAPPICARING COMPI			1					1 10	
202.010 DECAMATE & SSPOSE UNIL ASSPIED MATERAL > 2' DEEF, COMP	19.010	CONSTRUTION TRAFFIC CONTROL & BARRICADING, COMPL.	LS		L3					LO	
202.010 EXCAVATE & DISPOSE UNE ASSITTED MATERIAL > 2' DEEP, COMPL. CY 12	116 012	ARTERIAL ASPHALT CONCRETE TYPE R COMPL	TON	16						16	
338.076	110.012	ARTERIAL ASITIALI CONCRETE THE B, COMI L.	1014								
356.074	202.010	EXCAVATE & DISPOSE UNCLASSIFIED MATERIAL > 2' DEEP, COMPL.	CY	12		**************************************				12	
330,20 TACK COAT, CATIONIC, BULLSFIED ASPHALT, CP. 180 180 340,000		·									
340,010C SPEWALK 4" THICK PCC		ART ASP CONC. TYPE B, 1-1/2", w/o M		3							
3-00.0231 WFEIL CHARR ACCESS RAMP 4", STD CUPB	336.120	TACK COAT, CATIONIC, EMULSIFIED ASPHALT, CIP.	SY	180						180	
3-90_0237 MF-EL_CHARR_ACCESS RAMP 4", STD_CURB SY 160 11				700	,-					700	
340,000A CURB & QUTTER STANDARD PCC											
343.030 EXISTING PAVEMENT, ASPHALT CONCRETE, THICKER THAN 4", SAWOUT, REMOVE & DISPOSE, COMPL. IF 120 120 120 120 120 120 120 120 120 120	***************************************										
343.080 EXISTING CURBE & QUITTER OF VALLEY QUITTER, PC CONCRETE, REMOVE & DISPOSE, COMPL IF 120 120 120 120 120 1343.080 EXISTING SURVALE & DRIVEY AND DISPOSE SY 490 490 490 1343.XXX 8" POC PAVEMENT W/ROMACRON TREATMENT, DRICK PATTERNED CROSSWALK SY 290 29	340.030A	CUND & GUITER STANDARD PCC	LF	110						110	
343.090 DMSTING CURB & QUITTER OR VALLEY QUITTER, PC CONCRET. REMOVE & DISPOSE, COMPL IF 120 120 120 343.090 DMSTING SUBMAKE & DRIVE PAGE SWOLD AND SANCULT REMOVE AND DISPOSE. SY 490 290	343 030	EXISTING PAVEMENT ASPHALT CONCRETE THICKER THAN 4" SAWCLIT REMOVE & DISPOSE COMPL	SY	330						330	
343,900 EXISTING SIDWALK & DRIVE PAD, SAWCUT, REMOVE AND DISPOSE SY 490 490				1							
343,XXX 8" PCC PAYEMENT W/BOWAGRON TREATMENT, BRICK PATTERNED CROSSWALK SY 290 290 421,006 SERVICE RISER (LIGHTING), OP. EA	·····									490	
421.016 SERVICE CONNECTION (LIGHTING), CIP. EA				290						290	
421.016 SERVICE CONNECTION (LIGHTING), CIP. EA											
421.024 LIGHTING CONTROL CABINET, SIX CIRCUIT, UNMETERED, CIP EA		SERVICE RISER (LIGHTING), CIP.						1		1 1	
## 422.x1 STREETLIGHT, SHOEBOX	***************************************		~~~~			***************************************		<u> </u>		1	
422.130 STREET LIGHT STANDARD, ANY SIZE, REMOVE & SALVAGE EA 13 13 13 14 15 15 15 15 15 15 15	421.024	LIGHTING CONTROL CABINET, SIX CIRCUIT, UNMETERED, CIP	LA LA					-		1	
422.130 STREET LIGHT STANDARD, ANY SIZE, REMOVE & SALVAGE EA	422 v1	STREETLICHT SHOEROY	FΔ					24		24	
423.020A STREET LIGHT FOUNDATION, DWG 2530, SHOEBOX EA						Manager of the Control of the Contr					
### 423.121 STREET LIGHTING FOUNDATION REMOVE AND DISPOSE EA		CINCEL EIGHT CITIES, ANT CIZE, NEW VE & CAEVAGE				***************************************					
424.005 ELECTRIC CONDUIT, 2" INCL., TRENCHING, BACKFILL & PATCHING, CIP. LF	423.020A	STREET LIGHT FOUNDATION, DWG 2530, SHOEBOX	EA								
### 424.007 ELECTRIC CONDUIT, 2" INCL., PUSHING, BORING, & JACKING, CIP. ### 425.002A TRAFFIC SIGNAL PULL BOX, CIP. ### 426.001 SINGLE CONDUCTOR ##, COPPER, CIP. ### 426.003 SINGLE CONDUCTOR ##, COPPER, CIP. ### 426.003 SINGLE CONDUCTOR ##, BARE COPPER, CIP. ### 426.003 SINGLE CONDUCTOR ##, PARE COPPER, CIP. ### 426.003 SI	423.121	STREET LIGHTING FOUNDATION REMOVE AND DISPOSE	EA					13		13	
### 424.007 ELECTRIC CONDUIT, 2" INCL., PUSHING, BORING, & JACKING, CIP. ### 425.002 TRAFFIC SIGNAL PULL BOX, CIP. ### 426.001 SINGLE CONDUCTOR #2, COPPER, CIP. ### 426.003 SINGLE CONDUCTOR #6, BARE COPPER, CIP. ### 426.003 SINGLE CONDUCTOR #2, COPPER, CIP. ### 426.003 SINGLE CONDUCTOR #4, COPPER, CIP. ### 426.003 SING	101.005	ELECTRIC COMPUTE OF INCL. TREMOUNDS DAOVEN A DATOUNIO CIR.				***************************************		450		450	
425.002A TRAFFIC SIGNAL PULL BOX, CIP.								i i		1	1
425.003 ELECTRICAL PULL BOX (LARGE), CIP.	424.007	ELECTRIC CONDUIT, 2 INCL., PUSHING, BURING, & JACKING, CIP.	L			***************************************		- 330		330	
425.003 ELECTRICAL PULL BOX (LARGE), CIP.	425.002A	TRAFFIC SIGNAL PULL BOX CIP	FA					29		29	
426.001 SINGLE CONDUCTOR #2, COPPER, CIP. LF .								1		1	
### 426.003 SINGLE CONDUCTOR #6, BARE COPPER, CIP. ### 432.010 AREA LUMINAIRE, CIP. ### 2100 2100 2100 441.001 REF PLAS MRK 4" ### 1.001 REF PLAS MRK 6" ### 1.002 REF PLAS MRK 6" ### 1.003 REF PLAS MRK 6" ### 1.004 REF PLAS MRK 12" ### 1.005 REF PLAS MRK 12" ### 1.006 REF PLAS MRK 12" ### 1.007 PLAS MRK 12" ### 1.008 PLAS MRK 12" ### 1.009 PLAS MRK 12" ### 1.009 PLAS MRK 12" ### 1.009 PLAS MRK 12" ### 1.000 PLAS MRK 12"											
A32.010 AREA LUMINAIRE, CIP.											1
441.001 REF PLAS MRK 4" LF 2100 2100 2100 2441.002 REF PLAS MRK 6" LF 1100 1100 1100 1700 2441.004 REF PLAS MRK 12" LF 1700 1700 1700 2441.012 REF PLAS MRK 12" EA 4 4 4 4 4 4 4 4 4	426.003	SINGLE CONDUCTOR #6, BARE COPPER, CIP.	LF_					3650		3650	
441.001 REF PLAS MRK 4" LF 2100 2100 2100 2441.002 REF PLAS MRK 6" LF 1100 1100 1100 1700 2441.004 REF PLAS MRK 12" LF 1700 1700 1700 2441.012 REF PLAS MRK 12" EA 4 4 4 4 4 4 4 4 4	470.040	ADEA L'UMINIAIDE CID	<u> </u>					24		24	
441.002 REF PLAS MRK 6" LF 1100 1100 441.004 REF PLAS MRK 12" LF 1700 1700 441.012 REF PLAS ARROW, THRU EA 4 4 441.031 REF PLAS SYM BIKE EA 4 4 443.101 REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL. LF 3500 3500 450.001 ALUMINUM PANEL SIGN, CIP. SF 42 42 450.010 SQ TB POST LF 50 50 450.101 SGN & POST, REM & SALV EACH 16 16	432.010	AKEA LUMINAIKE, CIP.	LA LA					<u> </u>		<u> </u>	
441.002 REF PLAS MRK 6" LF 1100 1100 441.004 REF PLAS MRK 12" LF 1700 1700 441.012 REF PLAS ARROW, THRU EA 4 4 441.031 REF PLAS SYM BIKE EA 4 4 443.101 REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL. LF 3500 3500 450.001 ALUMINUM PANEL SIGN, CIP. SF 42 42 450.010 SQ TB POST LF 50 50 450.101 SGN & POST, REM & SALV EACH 16 16	441.001	RFF PLAS MRK 4"	IF				2100			2100	
441.004 REF PLAS MRK 12" LF 1700 1700 441.012 REF PLAS ARROW, THRU EA 4 4 441.031 REF PLAS SYM BIKE EA 4 4 443.101 REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL. LF 3500 3500 450.001 ALUMINUM PANEL SIGN, CIP. SF 42 42 450.010 SQ TB POST LF 50 50 450.101 SGN & POST, REM & SALV EACH 16 16										1100	
441.012 REF PLAS ARROW, THRU EA 4 4 441.031 REF PLAS SYM BIKE EA 4 4 443.101 REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL. LF 3500 3500 450.001 ALUMINUM PANEL SIGN, CIP. SF 42 42 450.010 SQ TB POST LF 50 50 450.101 SGN & POST, REM & SALV EACH 16 16							1700			1700	
443.101 REMOVAL OF PAVEMENT STRIPE, ANY WIDTH, PAINTED OR PLASTIC, COMPL. LF 3500 3500 450.001 ALUMINUM PANEL SIGN, CIP. SF 42 42 450.010 SQ TB POST LF 50 50 450.101 SGN & POST, REM & SALV EACH 16 16		REF PLAS ARROW, THRU				,	4			4	
450.001 ALUMINUM PANEL SIGN, CIP. 450.010 SQ TB POST LF 50 50 450.101 SGN & POST, REM & SALV	441.031	REF PLAS SYM BIKE	EA				4			4	
450.001 ALUMINUM PANEL SIGN, CIP. 450.010 SQ TB POST LF 50 50 450.101 SGN & POST, REM & SALV	117101	DEMOVAL OF DAVIMENT STRIPE, AND WINTER OR DIASTIC COMPL	1				3500		 	3500	
450.010 SQ TB POST LF 50 50 450.101 SGN & POST, REM & SALV 16 16	443.101	REMOVAL OF PAVEMENT STRIPE, ANT WIDTH, PAINTED OR PLASTIC, COMPL.	<u>L</u> r				3300			3300	
450.010 SQ TB POST 50 50 450.101 SGN & POST, REM & SALV 16 16	450.001	ALUMINUM PANEL SIGN. CIP.	SF				42			42	
450.101 SGN & POST, REM & SALV EACH EACH 16							50				I
801.111 VALVE BOX, ADJUST TO GRADE, CIP, SD 2332 EACH 2 S S S S S S S S S S S S S S S S S S							16			16	
801.111 VALVE BOX, ADJUST TO GRADE, CIP, SD 2332 EACH 2 2											
	801.111	VALVE BOX, ADJUST TO GRADE, CIP, SD 2332	EACH	2						2	
					1						

FOR INFORMATION ONLY

	Cannett Florage 2155 Louisiana NE, Suite Office: (505) 265-84	9000 Albuquerque, N	ew Mexico 87110	. ,	CZ			DRAWN E
*		CITY OF A PUBLIC WORK SINEERING DE	S DEPART	MENT	Р			
П	ITLE:		NUE STRE		PE			
		SUMMARY (· · · · · · · · · · · · · · · · · · ·					
D	DE 2 2002	City Engineer A PPPO JUL 21/2	it Design Updat	Mo./Day	/Yr.	Mo.	/Day/Yr	
	DESIGN REVIEW COMMITTEE	CITY ENGI	NEER tsp.					
С	ty Project No. 632	2393	Zone Map No. K—14	Shee	3	Of	21	

MISCELLANEOUS QUANTITY SCHEDULES

ITEM NO.	340.	010 SIDEWAL	K (6' WIDE)
STATION		STATION	LENGTH
10+40 RT	ТО	10+60 RT	20'
10+80 RT	ТО	11+32 RT	52'
11+54 RT	TO	11+81 RT	27'
13+98 RT	TO	16+84 RT	286'
21+08 LT	TO	21+33 LT	25'
21+18 RT	TO	21+82 RT	64'
21+49 LT	TO	22+00 LT	51'
22+10 LT	TO	22+46 LT	36'
22+56 LT	TO	22+65 LT	9'
21+08 LT	TO	21+33 LT	25'
21+18 RT	TO	21+82 RT	64'
21+49 LT	TO	22+00 LT	51'
22+10 LT	TO	22+46 LT	36'
22+56 LT	TO	22+65 LT	9'
			L

ITEM NO.	343.	085 SIDEWALI	K R&D
STATION		STATION	LENGTH
10+40 RT	TO	10+60 RT	20'
10+80 RT	TO	11+32 RT	52'
11+54 RT	TO	11+81 RT	27'
13+98 RT	TO	14+10 RT	12'
14+35 RT	TO	14+80 RT	45'
14+89 RT	TO	15+05 RT	16'
15+27 RT	TO	15+67 RT	40'
16+05 RT	TO	16+45 RT	40'
16+59 RT	TO	16+84 RT	25'
21+08 LT	TO	21+33 LT	25'
21+18 RT	TO	21+82 RT	64'
21+49 LT	TO	22+00 LT	51'
22+10 LT	TO	22+46 LT	36'
22+56 LT	TO	22+65 LT	9'
21+08 LT	TO	21+33 LT	25'
21+18 RT	TO	21+82 RT	64'
21+49 LT	TO	22+00 LT	51'
22+10 LT	TO	22+46 LT	36'
22+56 LT	TO	22+65 LT	9'

ITEM NO.	343.0	90 DRIVE CL	JT REMOVAL
STATION		STATION	LENGTH
14+10 RT	TO	14+35 RT	25'
14+80 RT	TO	14+89 RT	9'
15+05 RT	TO	15+27 RT	22'
15+67 RT	TO	16+05 RT	38'
16+45 RT	ТО	16+59 RT	14'

ITEM NO. 3	40.05	0 STD. CURE	3 & GUTTER
STATION		STATION	LENGTH
14+10 RT	TO	14+35 RT	25'
14+80 RT	TO	14+89 RT	9'
15+05 RT	TO	15+27 RT	22'
15+67 RT	TO	16+05 RT	38'
16+45 RT	TO	16+59 RT	14'

ITEM NO. 423.101 STREET LIGHT STD REMOVE AND SALVAGE
STATION
10+52 RT
11+77 LT
13+04 RT
14+39 LT
15+46 RT
16+67 LT
17+82 RT
19+10 LT
20+16 RT
21+22 LT
22+36 RT
23+79 LT
23+79 LT

ITEM NO. 340.023 SIDEWALK RAMP				
INTERSECTION	QUADRANT	AREA (SQYD)		
COAL & 8th	NE	23		
COAL & 8th	SE	31		
COAL & 8th	SW	27		
COAL & 8th	NW	25		
COAL & 7th	SE	19		
COAL & 7th	SW	24		
COAL & 7th	NW	4		
	•	1		

ITEM NO. 343.03	30 AC PAVEM	ENT R & D
INTERSECTION	LEG	AREA (SQYD)
COAL & 8th	NORTH	35
COAL & 8th	EAST	49
COAL & 8th	SOUTH	35
COAL & 8th	WEST	36
COAL & 7th	EAST	49
COAL & 7th	SOUTH	34
COAL & 7th	WEST	48
COAL & 5th	WEST	15
COAL & 5th	NORTH	15
COAL & 4th	EAST	15

ITEM NO. 343.XXX BRICK PATTERN BOMACRON CROSSWALK						
INTERSECTION	LEG	AREA (SQYD)				
COAL & 8th	NORTH	35				
COAL & 8th	EAST	49				
COAL & 8th	SOUTH	35				
COAL & 8th	WEST	36				
COAL & 7th	EAST	49				
COAL & 7th	SOUTH	34				
COAL & 7th	WEST	48				
	v					

ITEM NO. 424.0 TRENCH, BACK	005 2" CONDUIT FILL, PATCHING
CONDUIT ID	LENGTH
. 1	15'
3	14'
3	14'
4	14'
5	14'
6	14'
7	14'
8	59'
9	26'
10	85'
11	14'
13	46'
15	35'
17	61'

ITEM NO. 424.0 PUSHING, BORI	007 2" CONDUIT NG, JACKING
CONDUIT ID	LENGTH
12	22'
14	20'
16	155'
18	143'

R'S SEAL SURVEY INFORMATION BENCH MARKS AS BUILT INFORMATION

FIELD NOTES

NO. BY DATE

Sea Contractor

NO. BY NO. BY NO. NO.

DATE REWISH

CANNETT FLEMIN

ED BY MPG

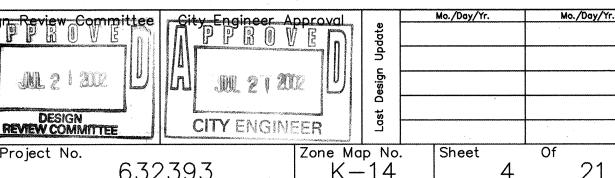
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Gannett Fleming West, Inc.				6			SIGN	DRAWN
2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 265—8468 Facsimile: (505) 881—2513				Z			E	P.
CITY OF ALBUQUERQ	UE				-			
PUBLIC WORKS DEPARTA	1EN	١T						
ENCINEEDING DEVELODMENT	\sim		ID					

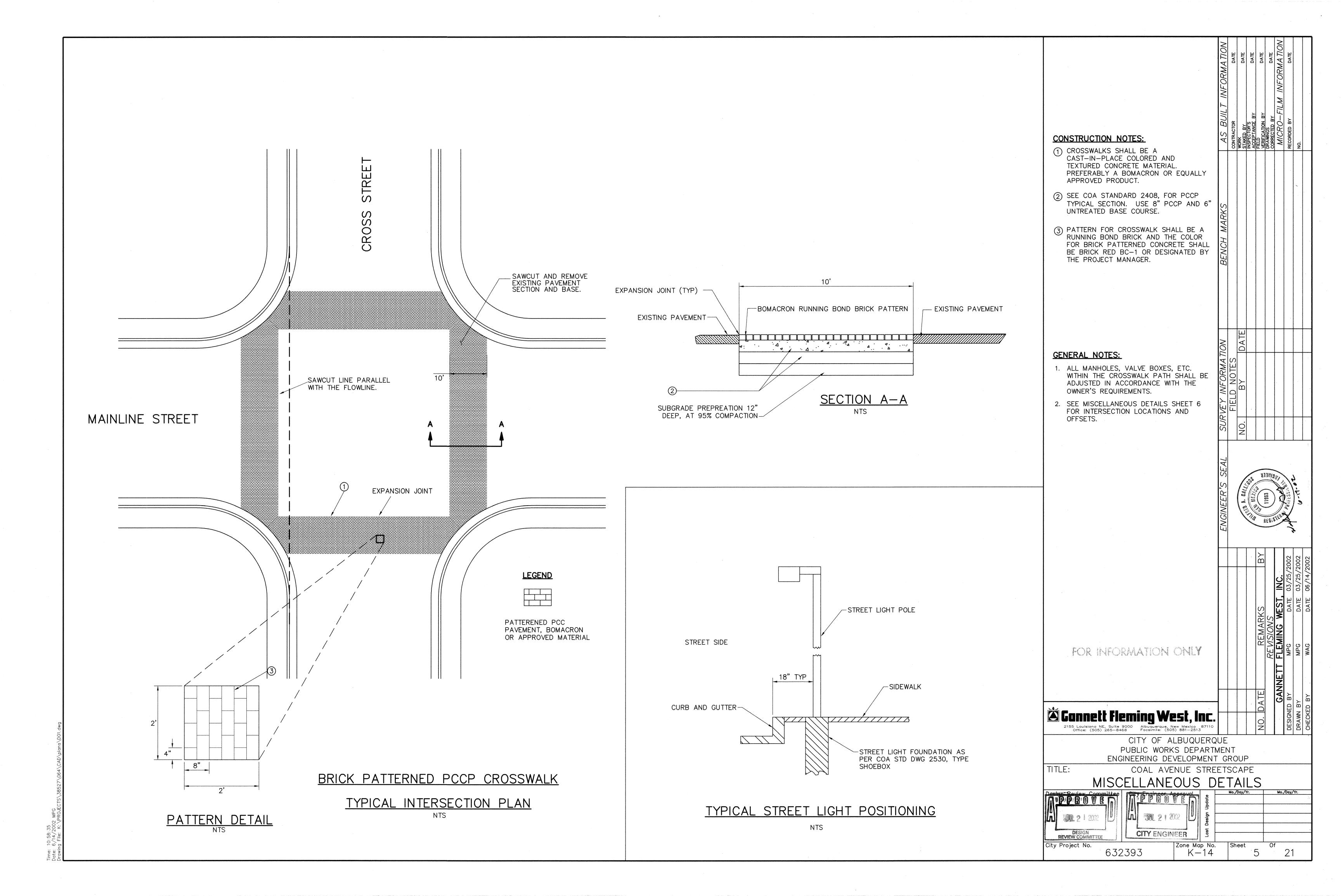
ENGINEERING DEVELOPMENT GROUP

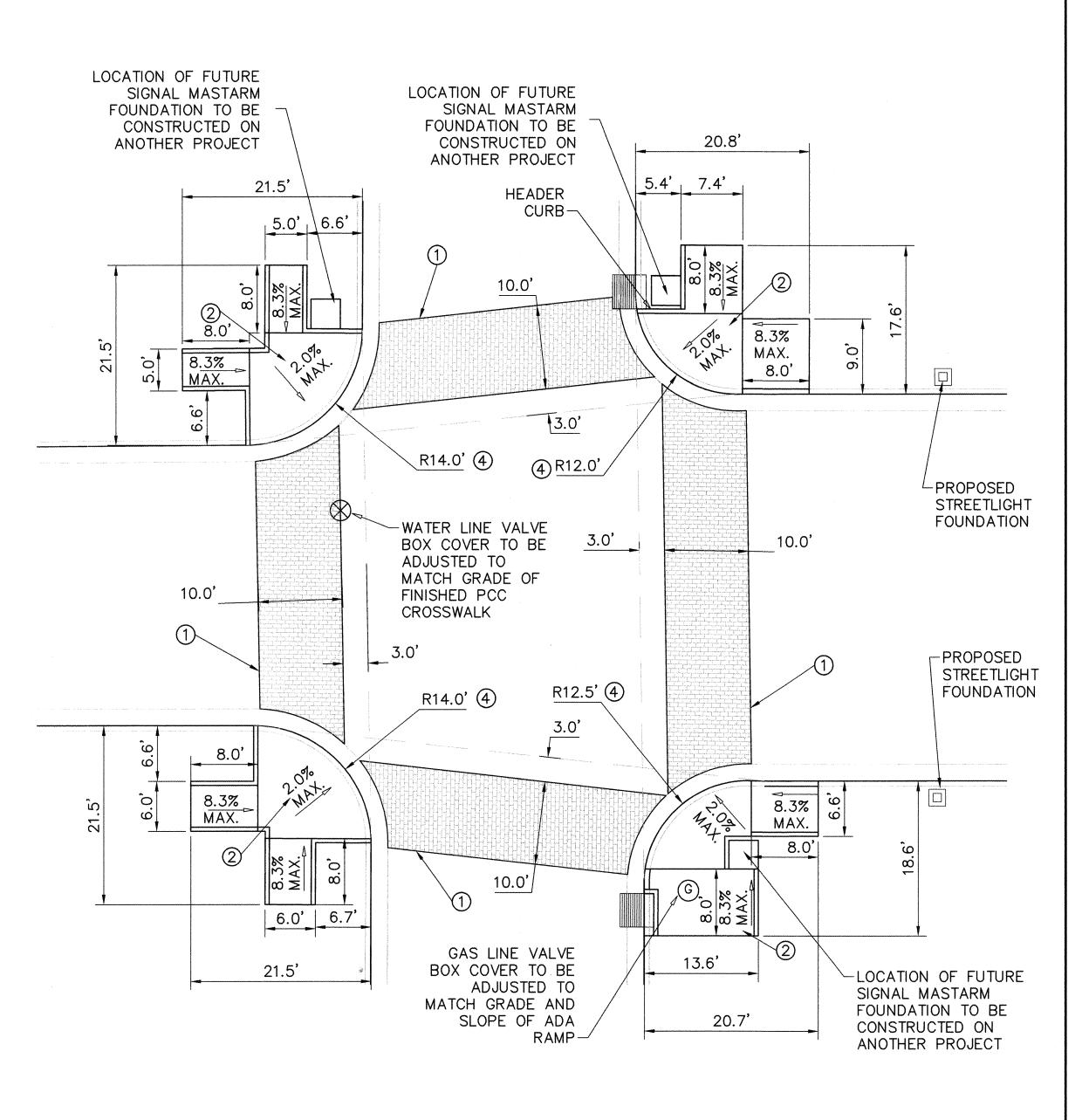
COAL AVENUE STREETSCAPE

MISCELLANEOUS QUANITY SCHEDULES

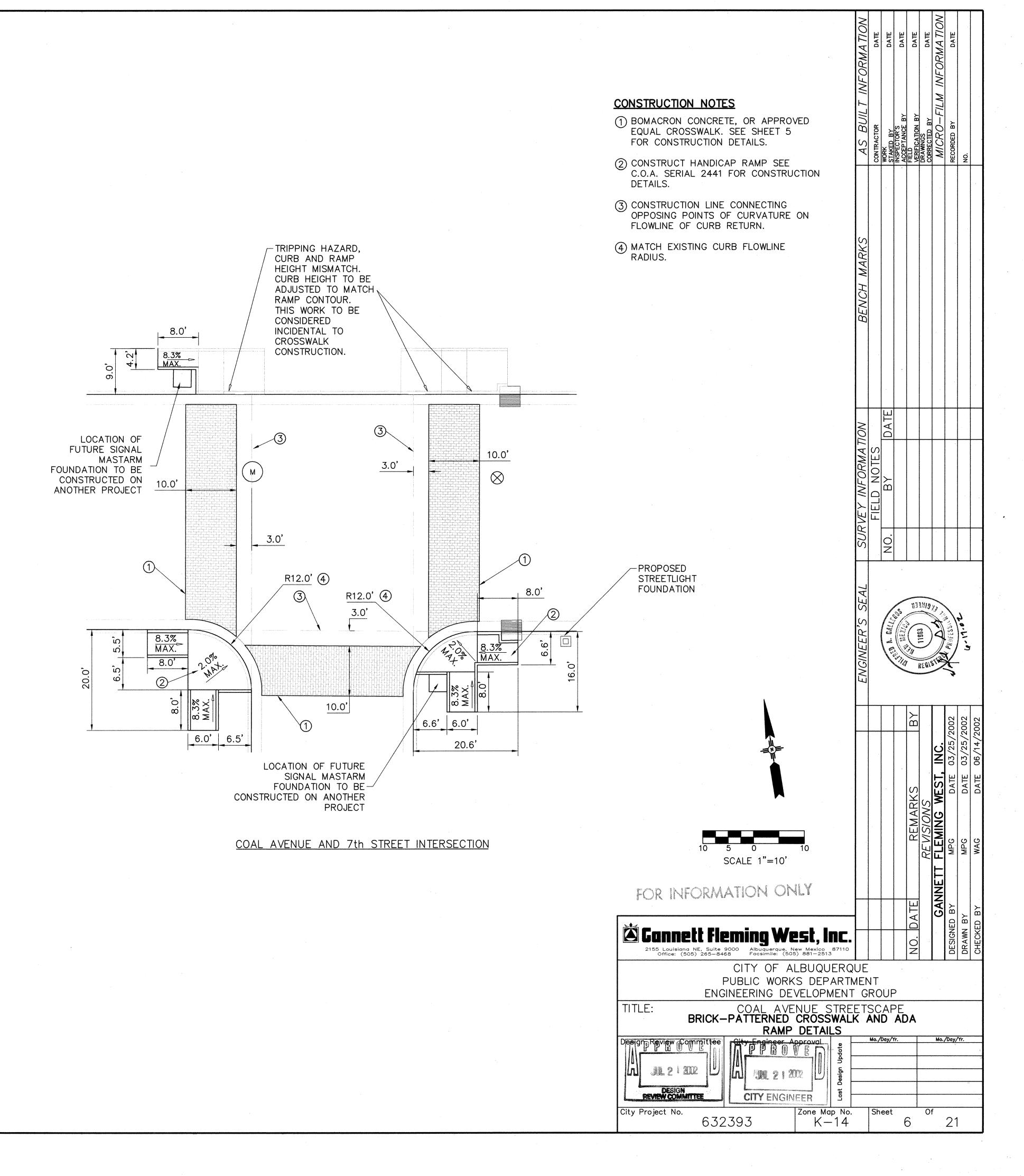


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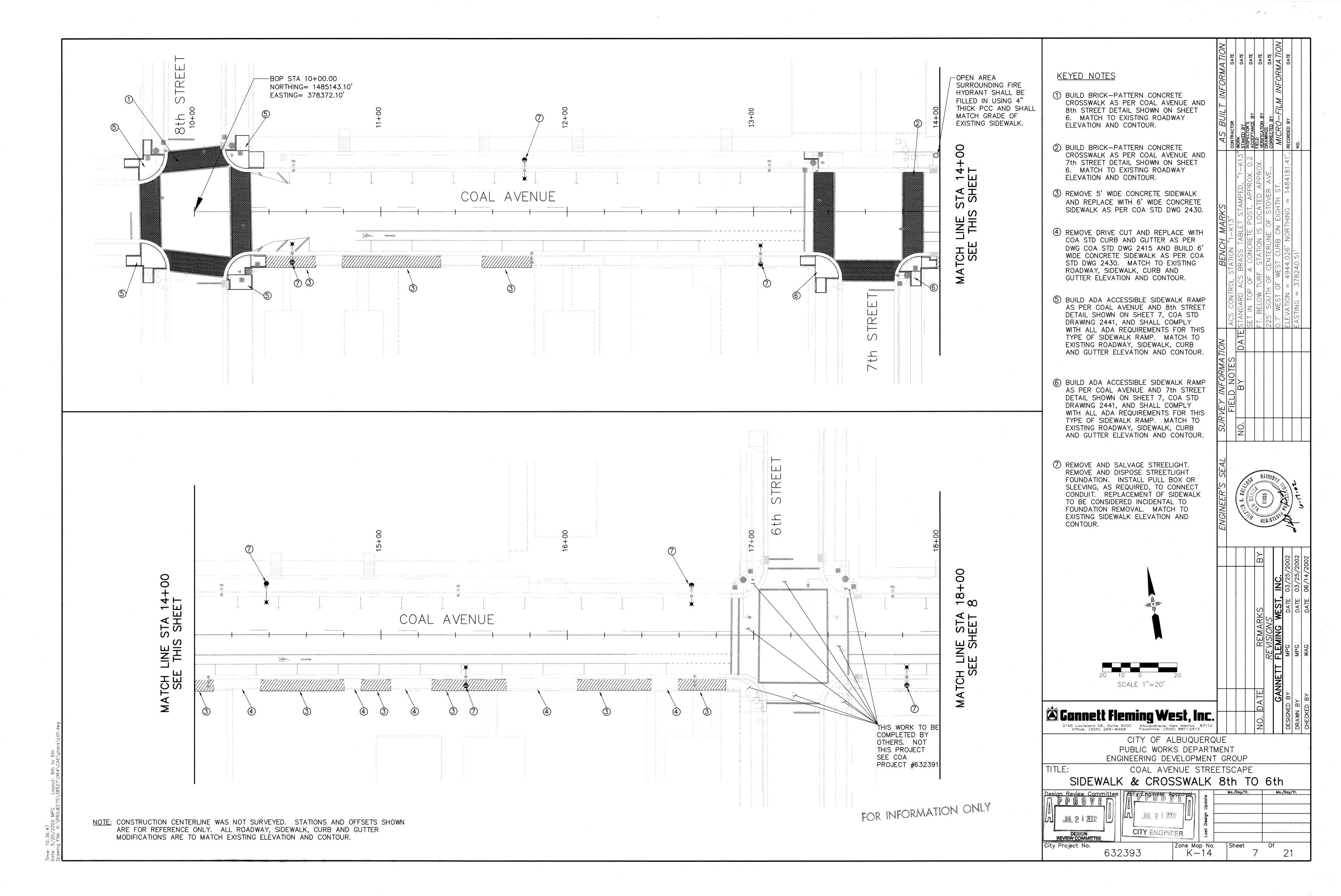


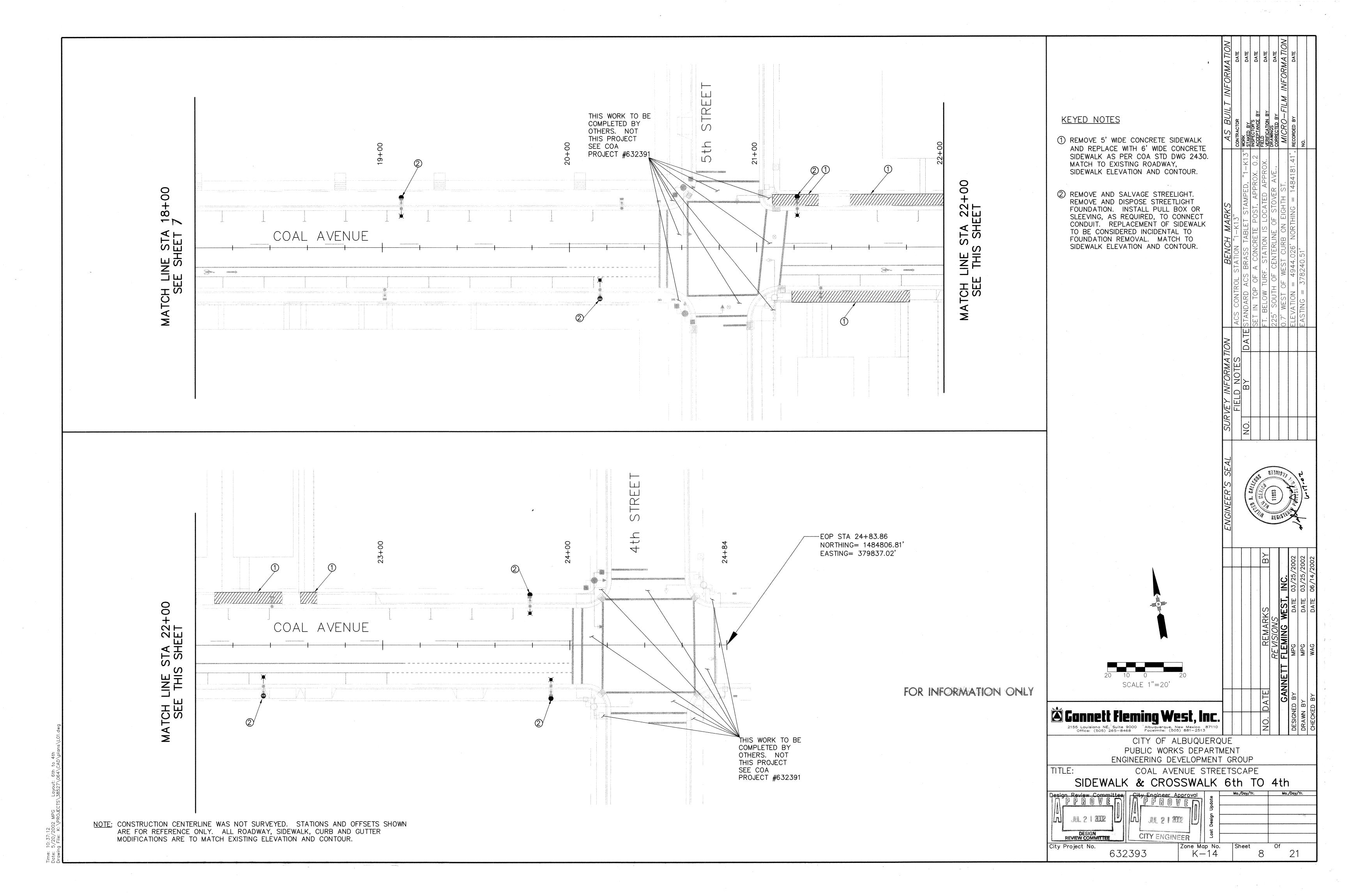


COAL AVENUE AND 8th STREET INTERSECTION



ate: 5/30/2002 MPG





2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION

ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING: 1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. 2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION. 3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

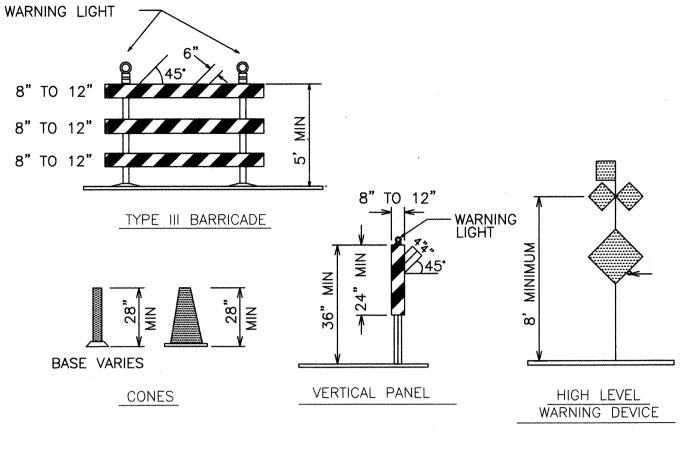
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

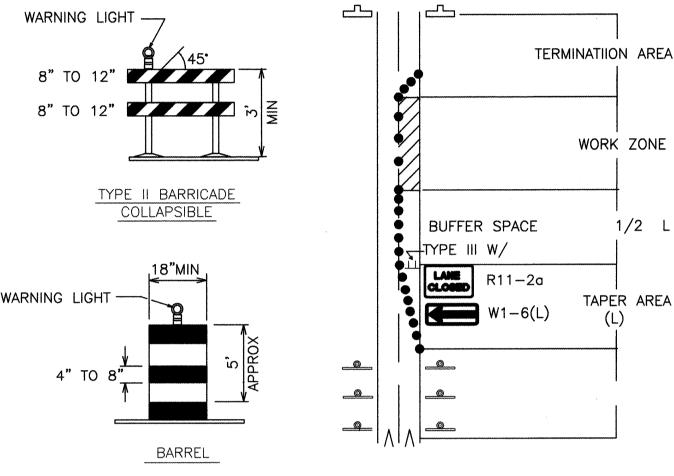
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

4 27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPTMENT, BOTH PERMANENT AND TEMPORARY.



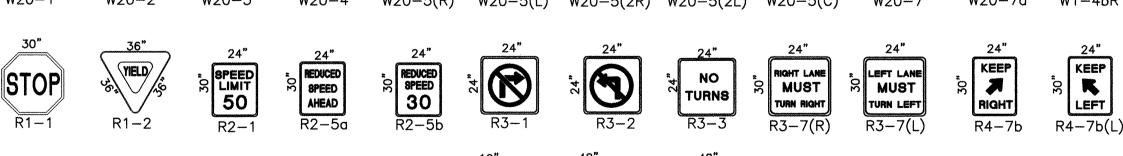


FOR INFORMATION ONLY

TRAFFIC CONTROL ELEMENTS

SIGN FACE DETAILS

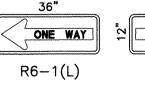


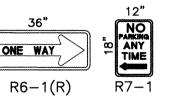


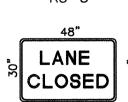
ROAD



THRU TRAFFIC KEEP LEFT





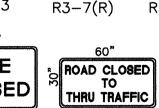


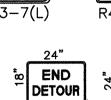
WARNING LIGHT

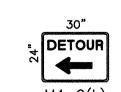
8" TO 12"

TYPE I BARRICADE

COLLAPSIBLE







LEGEND

WORK AREA

BARRICADE - TYPE I, TYPE II, OR BARREL

BARRICADE - TYPE III

VERTICAL PANEL

WARNING SIGN DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET

DATE
DATE
DATE
DATE
DATE
DATE
DATE
DATE

5191>

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BUQUE! STANDA DRAWIN

FLAGMAN POSITION

SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED	TAPI	ER LENGTI (FEET)	H(L)	MINIMUM NUMBER OF	MAXIMUM SPACING	DEVICE IN FEET
(MPH)	10' LANE	11' LANE	12' LANE	DEVICES FOR TAPER	ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
. 30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED					TANC		IN FEET	
MILES			BETWE				FROM L	
PER HOUR			SIGN	S		SI	GN TO T	APER
0.00	40	.,	00550	1 15 417	4.0	.,	CDEED	LINATT
0-20	10	Х	SPEED	LIMII	10	Х	SPEED	LIMII
25-30	10	Χ	SPEED	LIMIT	10	Χ	SPEED	LIMIT
30-35	10	Χ	SPEED	LIMIT	10	Χ	SPEED	LIMIT
40-45	10	Χ	SPEED	LIMIT	10	Χ	SPEED	LIMIT
50-60	10	Χ	SPEED	LIMIT	10	\mathbf{X}	SPEED	LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT

40 MPH OR LESS

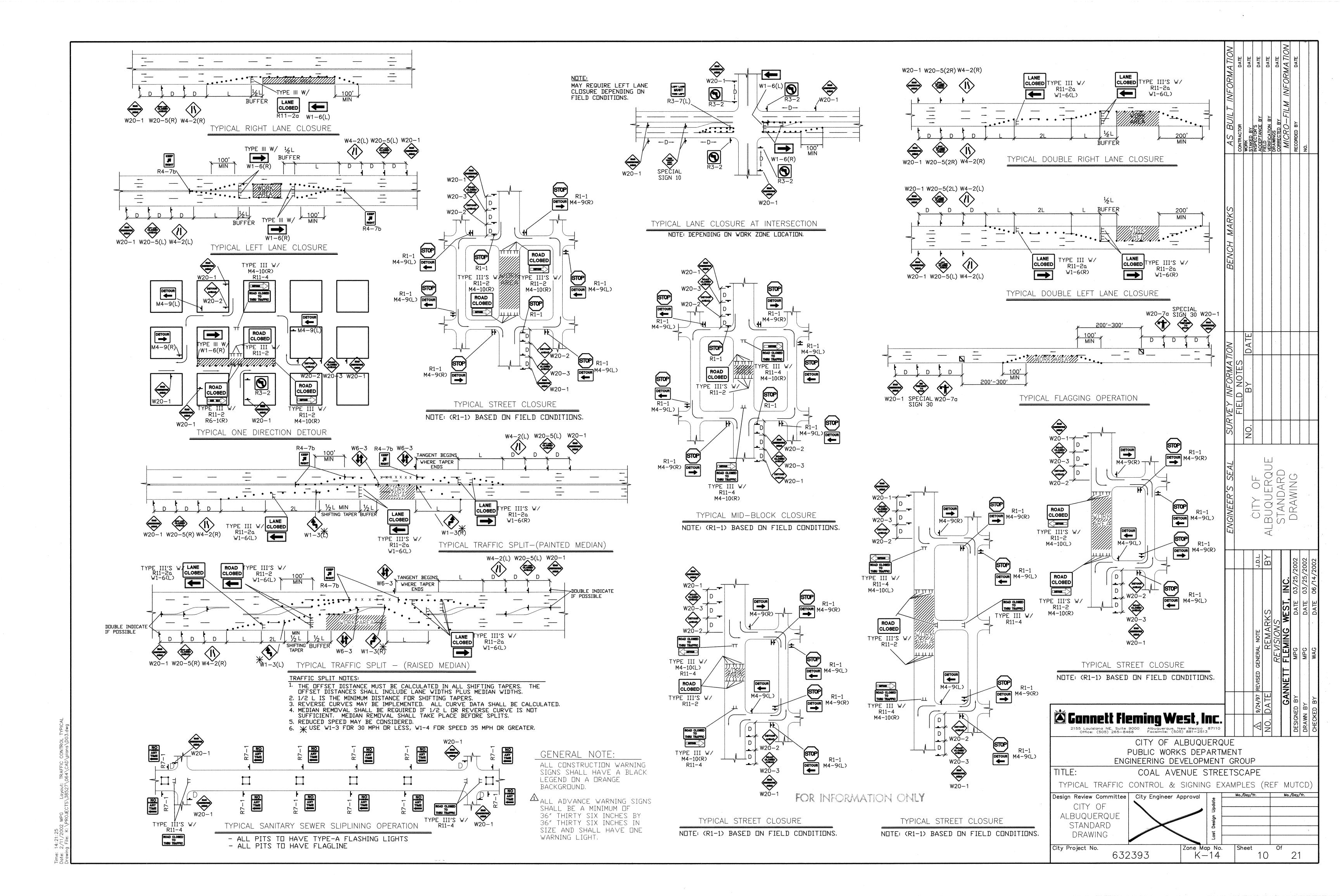
40 MPH OR GREATER $L = W \times S$

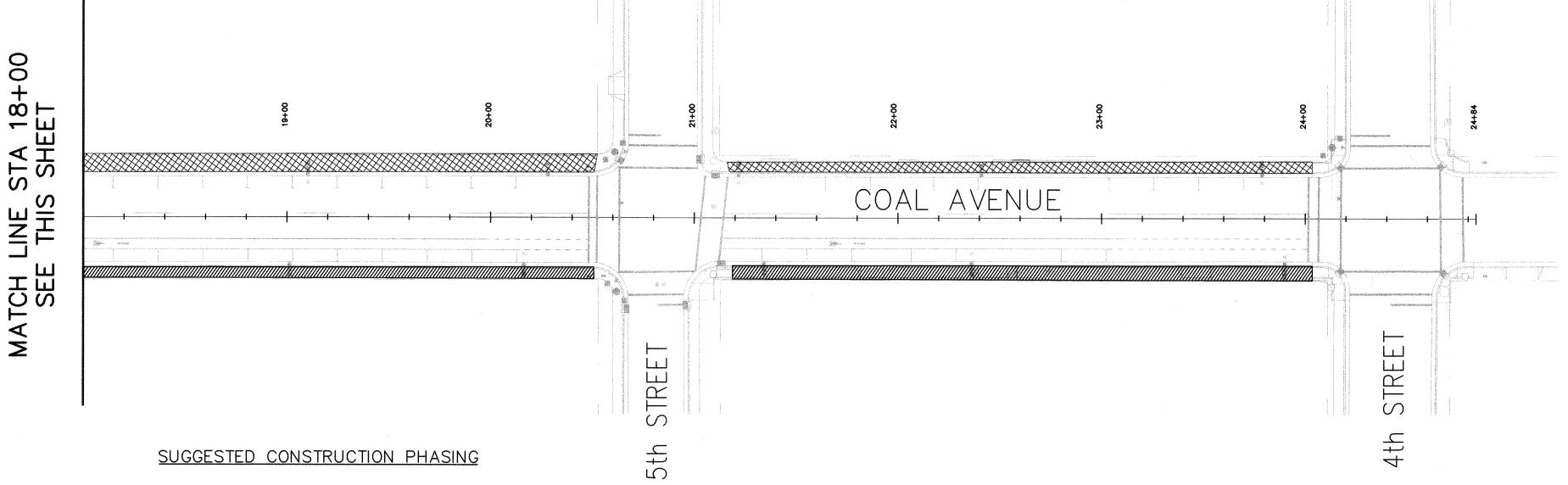
L = TAPER LENGTH

W = WIDTH OF OFFSET IN FEET S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

> Cannett Fleming West, Inc. 2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 871 Office: (505) 265-8468 Facsimile: (505) 881-2513 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP COAL AVENUE STREETSCAPE TITLE: TRAFFIC CONTROL SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS Mo./Day/Yr. Design Review Committee City Engineer Approval ALBUQUERQUE STANDARD

M4-9(L)END ALL CONSTRUCTIONN WARNING SIGNS CONSTRUCTION SHALL HAVE A BLACK LEGEND ON A M4-10(L)M4-10(R)G20-2 ORANGE BACKGROUND. DRAWING City Project No. Sheet 632393 K - 149





PHASE 1

EIGHTH STREET WILL BE REDUCED TO ONE LANE OF NORTHBOUND TRAFFIC AND CLOSED TO SOUTHBOUND TRAFFIC BETWEEN LEAD AVE. AND IRON AVE., SHIFTED TO THE EAST. SEVENTH STREET WILL BE FULLY CLOSED AT COAL AVE. TRAFFIC ON COAL WILL BE ONE LANE ON THE NORTH SIDE OF THE STREET BETWEEN 8TH STREET AND 4TH STREET. COAL AVE WEST OF 8TH STREET WILL BE REDUCED TO ONE LANE WESTBOUND THROUGH THE 8TH STREET INTERSECTION, SHIFTED TO THE NORTH.

BUILD SOUTHERN HALF OF THE BRICK PATTERNED CONCRETE CROSSWALKS ON COAL AVE. AT 8TH ST. AND 7TH ST. BUILD WESTERN HALF OF THE BRICK PATTERNED CONCRETE CROSSWALKS ON 8TH STREET AT COAL AVE NORTH AND SOUTH SIDE. BUILD FULL BRICK PATTERNED CONCRETE CROSSWALK ON 7TH ST. AT COAL.

BUILD ADA RAMPS AT THE SOUTHWEST AND NORTHWEST QUADRANT OF COAL AVE. AND 8TH ST. BUILD ADA RAMPS SOUTHEAST AND SOUTH WEST QUADRANT OF COAL AVE. AND 7TH ST.

RECONSTRUCT SIDEWALKS SOUTH SIDE OF COAL AVE. BETWEEN 8TH ST. AND 4TH ST.

REMOVE AND REPLACE STREET LIGHTS ON SOUTH SIDE OF COAL AVE. BETWEEN 8TH ST. AND 4TH ST.

INSTALL LIGHTING CONTROL CABINET AND SERVICE RISER AT SOUTHWEST QUADRANT OF COAL AVE. AND 5TH ST.

PHASE 2

TRAFFIC ON COAL WILL BE ONE LANE ON THE SOUTH SIDE OF THE STREET BETWEEN 8TH STREET AND 4TH STREET. COAL AVE WEST OF 8TH STREET WILL BE REDUCED TO ONE LANE EAST BOUND THROUGH THE 8TH STREET INTERSECTION, SHIFTED TO THE SOUTH.

BUILD NORTHERN HALF OF THE BRICK PATTERNED CONCRETE CROSSWALKS ON COAL AVE. AT 8TH ST. EAST AND WEST SIDE. BUILD NORTHERN HALF OF THE BRICK PATTERNED CONCRETE CROSSWALKS ON COAL AVE. AT 7TH ST. EAST AND WEST HALF.

MODIFY THE ADA RAMP NORTHWEST CORNER OF COAL AVE. AND 7TH ST.

RECONSTRUCT SIDEWALKS NORTH SIDE OF COAL AVE. BETWEEN 8TH ST. AND 4TH ST.

REMOVE AND REPLACE STREET LIGHTS ON NORTH SIDE OF COAL AVE. BETWEEN 8TH ST. AND 4TH ST.

PHASE 3

EIGHTH STREET WILL BE REDUCED TO ONE LANE OF SOUTHBOUND TRAFFIC AND CLOSED TO NORTHBOUND TRAFFIC BETWEEN LEAD AVE. AND IRON AVE, SHIFTED TO THE WEST.

BUILD EASTERN HALF OF THE BRICK PATTERNED CONCRETE CROSSWALKS ON 8TH STREET AT COAL AVE NORTH AND SOUTH SIDE.

BUILD ADA RAMPS AT THE SOUTHEAST AND NORTHEAST QUADRANT OF COAL AVE. AND 8TH ST.

CONSTRUCTION PHASE ONE	INFORM.						1 INFORM			
CONSTRUCTION PHASE TWO	1	OR.	,	r's CE BY	ON BY) BY	O-FILM	ВҮ		*
CONSTRUCTION PHASE THREE	AS BUIL	CONTRACTOR		INSPECTOR'S ACCEPTANCE	FIELD VERIFICATI	DRAWINGS CORRECTED BY	MICR	, RECORDED	NO.	
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NOTES:	(0		STAMPED,	, APPROX.		STOVER A	ITH ST.	= 148		
1. A MINIMUM OF ONE LANE MUST BE OPEN TO TRAFFIC ON COAL AVENUE AT ALL TIMES.	BENCH MARKS	STATION "1-K13"	BRASS TABLET ST,	A CONCRETE POST,	STATION IS LOCATED	CENTERLINE OF ST	WEST CURB ON EIGHTH	4944.026' NORTHING	.240.51'	
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40 20 0 40 SCALE 1"=40'						REVISIONS	ETT FLEMING WEST,	MPG DATE	DATE	WAG DATE
SCALE 1"=40' Cannett Fleming West, Inc. 2155 Louisiana NE, Suite 9000 Office: (505) 265-8468 Albuquerque, New Mexico 87110 Facsimile: (505) 881-2513	·				NO. DATE REMARKS	REVISIONS		DATE	DATE	DATE
SCALE 1"=40' Gannett Fleming West, Inc. 2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 265-8468 Facsimile: (505) 881-2513 CITY OF ALBUQUERO PUBLIC WORKS DEPART ENGINEERING DEVELOPMEN	QUE TMEN	RO			. DATE	REVISIONS	ETT FLEMING WEST,	BY MPG DATE	BY MPG DATE	BY WAG DATE
Gannett Fleming West, Inc. 2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 265-8468 CITY OF ALBUQUERO PUBLIC WORKS DEPART ENGINEERING DEVELOPMEN ITLE: COAL AVENUE STRE CONSTRUCTION PH	QUE MEN T GI EETS	RO SC IN	AP G	E	. DATE	REVISIONS	GANNETT FLEMING WEST,	DESIGNED BY MPG DATE	DRAWN BY MPG DATE	BY WAG DATE
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LIGHTING NOTES

- 1. LOCATIONS OF CONDUIT, FOUNDATIONS, PULL BOXES, AND CONTROL CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT OF WAY.
- 2. ALL WIRE ON THIS PROJECT TO BE COPPER ONLY.
- 3. LIGHT STANDARDS SHALL HAVE (DIRECT ANCHOR BASE/BREAKAWAY SYSTEM).
- 4. ALL ROADWAY AND OVERHEAD SIGN LIGHTING CIRCUITS ON THIS PROJECT SHALL BE (240 VOLTS/480 VOLTS).
- 5. ALL PULL BOXES INSTALLED FOR ROADWAY LIGHTING SHALL BE STANDARD SIZE AS PER COA STD DWG 2521.
- 6. CONTRACTOR SHALL REMOVE EXISTING CONDUITS AND PULL BOXES THROUGH OUT THE PROJECT AS DIRECTED BY PROJECT MANAGER.
- 7. REWIRING OF EXISTING LUMINAIRES TO REMAIN, TO BE REMOVED AND RESET, AND CONNECTIONS TO NEW CIRCUITS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 8. EACH CIRCUIT FOR ROADWAY LIGHTING SHALL BE INSTALLED IN SEPARATE CONDUITS UNLESS APPROVED OTHERWISE.
- 9. ALL ROADWAY LUMINAIRES AND TYPE V STANDARDS WHICH ARE REMOVED SHALL BE SALVAGED AND DELIVERED TO COA PINO YARD BY THE CONTRACTOR. A RECORD OF THE REMOVED STREET LIGHT IDENTIFICATION SHALL BE SUBMITTED TO PNM SO THAT THE REMOVED STREET LIGHT MAY BE REMOVED FROM MAINTANANCE AGGREMENTS.
- 10. EACH TIME A ROADWAY LUMINAIRE, OVERHEAD SIGN LUMINAIRE, UNDERPASS LUMINAIRE OR ORNAMENTAL (PEDESTRIAN) LUMINAIRE IS TURNED ON OR OFF THE CONTRACTOR SHALL COORDINATE WITH THE FOLLOWING REPRESENTATIVES:

CITY OF ALBUQUERQUE PUBLIC WORKS, TRANSPORTATION

POWER SHALL NEITHER BE TURNED ON OR OFF UNTIL RESPONSIBLE PARTIES FOR EACH LIGHTING SYSTEM HAVE BEEN NOTIFIED.

- 11. RESPONSIBILITY AND MAINTENANCE OF LIGHTING SYSTEMS INSTALLED AS PART OF THIS PROJECT SHALL BE AS FOLLOWS:
 - A. ROADWAY LIGHTING SYSTEM SHALL BE ACCEPTED AND MAINTAINED BY PNM. THE CONTRACTOR SHALL PROVIDE THE CITY OF ALBUQUERQUE AND PNM FIVE (5) WORKING DAYS NOTICE IN ADVANCE OF TURNING ON THE SYSTEM SO AS TO ALLOW THE CITY OF ALBUQUERQUE AND PNM TIME TO INSPECT AND APPROVE THE SYSTEM BEFORE IT IS TURNED ON.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND COST OF ENERGIZNG ALL LIGHTING SYSTEM UNTIL SUCH TIME THAT THE APPROPRIATE OWNER AND MAINTAINING AGENCY ACCEPT THE RESPONSIBILITY FOR THEIR RESPECTIVE SYSTEMS.

- 12. THE CONTRACTOR SHALL PAY FOR COSTS FOR THE LOCAL POWER COMPANY TO PROVIDE POWER SERVICE. THESE COSTS WILL BE CONSIDER INCIDENTAL UNDER CONTRACT ITEM 421.016 POWER SERVICE INSTALLATION.
- 13. ALL LIGHTING CONTROL CABINETS SHALL INCLUDE PHOTO ELECTRIC CELLS.
- 14. THE DESIGN IS BASED UPON TYPE III, 100 WATT, 240 VOLT, HIGH PRESSURE SODIUM, FULL—CUT—OFF SHOEBOX STYLE LUMINAIRES, WITH HOUSE SIDE LIGHT SHIELD, WITHOUT INDIVIDUAL PHOTO CELLS. THE CONTRACTOR SHALL FURNISH AND INSTALL THIS TYPE OF FIXTURE (GE PART NUMBER DSMT10S0H2GMC3DB OR APPROVED EQUAL).
- 15. LIGHTING CONTROL CABINETS SHALL BE OF THE FOLLOWING TYPE(S):6 CIRCUIT, UNMETERED SW QUADRANT OF COAL AVE. AND 5TH STREET

LIGHTING NOTES CONT

AVE/MIN = 2.26

- 16. THE CONTRACTOR SHALL REMOVE EXISTING SERVICE RISERS, SERVICE POLES, CONTROL CABINETS, AND EXISTING WIRING AS REQUIRED BY PNM AND AS DIRECTED BY THE PROJECT MANAGER.
- 17. DESIGN IS BASED ON ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA, RP-8
 1.0 fc AVERAGE MAINTAINED, UNIFORMITY 3/1 (AVG/MIN), REPLACEMENT AT 70% OUTPUT.

 STREET LIGHT SPACING = 127' (NON-STAGGERED)
- 18. ANCHOR BOLTS SHALL BE CONSIDERED INCIDENTAL TO COST OF THE POLE.
- 19. LIGHTING STANDARDS SHALL BE LOCATED AS FOLLOWS:

 A). ON SECTIONS WITH CURB, GUTTER, AND SIDEWALK, PLACE FOUNDATIONS
 TWO FEET BEHIND FACE OF CURB
- 20. ALL LIGHTING CONTROL CABINENTS AND ELECTRICAL CONTACTORS SHALL BE TASCO OR APPROVED EQUAL. ELECTRICAL CONTACTORS AND DISCONNECT SWITCH FOR SERVICE POLE SHALL BE CONSIDERED INCIDENTAL TO SERVICE POLE (LIGHTING) ITEM 421.006.
- 21. LOCAL POWER COMPANY WILL ASSIST WITH IDENTIFICATION OF EXISTING CIRCUITS.
 CONTRACTOR SHALL BE REQUIRED TO TIE THE NEW CIRCUITS INTO EXISTING CIRCUITS.
 CONTRACTOR SHALL USE APPROPRIATE CAUTION WHEN INTERCEPTING EXISTING CIRCUITS.
- 22. LIGHTS NEAR EXISTING OVERHEAD TRANSMISSION LINES MUST MAINTAIN A (13') VERTICAL CLEARANCE AND/OR A (14') HORIZONTAL CLEARANCE FROM CLOSEST PHASE CONDUCTOR. THE LOCAL POWER COMPANY WILL ASSIST IN MEASUREMENT AND DETERMINATION OF CLEARANCE.
- 23. LIGHTING WILL BE COMPLETED WITH CONSTRUCTION PHASING, REFER TO SHEET 11.
- 24. EXISTING ROADWAY LIGHTING AT COAL AVE. IS 480 VOLTS. THE POWER SOURCE FOR THIS CIRCUIT IS NORTH OF COAL AVE., WEST OF 5TH ST. THIS CIRCUIT IS TO MODIFIED BY BREAKING THE CIRCUIT TO THE EXISTING STREET LIGHTS TO THE WEST OF 4TH ST. ON BOTH NORTH AND SOUTH SIDE OF COAL AVE. THE 480 VOLT POWER CIRCUIT IS TO BE CONTINUED ALONG THE NORTH SIDE OF COAL AVE. EASTWARD TO THE EAST SIDE OF 4TH ST. WITHIN THE EXISTING CONDUIT. THE STREET LIGHTS EAST OF 4TH STREET ON BOTH THE NORTH AND SOUTH SIDE OF COAL AVE. SHALL BE POWERED BY THIS 480 VOLT CIRCUIT. ELECTRICAL CONDUIT SHALL BE PLACED CROSSING COAL AVE. CONNECTING THE CIRCUIT ON THE SOUTH SIDE OF COAL AVE. TO THAT ON THE NORTH SIDE OF COAL AVE. ALL MODIFICATIONS TO THE EXISTING 480V STREET LIGHT CIRCUIT SHALL BE INSPECTED AND APPROVED BY PNM. CONTACT TERRY MOYNIHAN AT PNM 505—241—0514 FOR THIS APPROVAL. THE COORDINATION WITH PNM IS TO BE CONSIDERED INCIDENTAL AND NO ADDITION PAYMENT WILL BE MADE.

LIGHTING INCIDENTAL ITEMS

- 1. ANCHOR BOLTS FOR FOUNDATIONS.
- 2. GROUND RODS FOR FOUNDATIONS.
- 3. UNIVERSAL SUPPORT BRACKETS FOR SERVICE RISERS.
- 4. CONCRETE FOUNDATION FOR LIGHTING CONTROL CABINETS INCLUDING EXCAVATION, BACKFILL, CONCRETE, GROUNDRODS, AND ANCHOR BOLTS.
- 5. REWIRING OF ANY EXISTING LUMINAIRES TO REMAIN OR BE RESET.
- 6. REMOVAL AND DISPOSAL OF ELECTRICAL CONDUCTORS WITHIN THE EXISTING STREET LIGHT CONDUITS THAT ARE TO BE REUSED FOR THE NEW STREET LIGHTS.
- 6. PAYMENT OF POWER SERVICE DURING LIGHTING INSTALLATION, NOTE 12 THIS SHEET.

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NEW LC	EXISTING We To the second sec	LIGHTING STANDARD WITH LUMINAIRE AS INDICATED CONDUIT RUN PULL BOX JUNCTION BOX SERVICE POLE WITH SERVICE RISER LIGHTING CONTROL CABINET		BENCH MARKS								
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Zone Map No.

K - 14

Sheet

City Project No.

632393

Date: 6/14/2002 MPG

LIGHTING QUANTITIES

ITEM NO.	ITEM	UNIT	LIGH	TING
			ESTIMATE	FINAL
421.006	SERVICE RISER (LIGHTING), CIP.	EA	1	
421.016	SERVICE CONNECTION (LIGHTING), CIP.	EA	1	
421.024	LIGHTING CONTROL CABINET, SIX CIRCUIT, UNMETERED, CIP	<u> </u> EA	1	
			0.4	
422.x1	STREETLIGHT, SHOEBOX	EA	24	
422.130	STREET LIGHT STANDARD, ANY SIZE, REMOVE & SALVAGE	EA	13	

423.020A	STREET LIGHT FOUNDATION, DWG 2530, SHOEBOX	EA	24	
423.121	STREET LIGHTING FOUNDATION REMOVE AND DISPOSE	EA	13	
404.005	ELECTRIC CONDUIT OF INCL. TRENCHING BACKELL A RATCHING OF		450	
424.005	ELECTRIC CONDUIT, 2" INCL., TRENCHING, BACKFILL & PATCHING, CIP.	<u> LF</u>	450	
424.007	ELECTRIC CONDUIT, 2" INCL., PUSHING, BORING, & JACKING, CIP.	LF	350	•••••
425.002A	TRAFFIC SIGNAL PULL BOX, CIP.	EA	29	
425.002A	ELECTRICAL PULL BOX (LARGE), CIP.	EA	1	
423.003	ELLOTRICAL TOLL BOX (LARGE), OIT.	+ -^-	1	
426.001	SINGLE CONDUCTOR #2, COPPER, CIP.	LF	7300	***************************************
426.003	SINGLE CONDUCTOR #6, BARE COPPER, CIP.	LF	3650	
	· · · · · · · · · · · · · · · · · · ·			
432.010	AREA LUMINAIRE, CIP.	EA	24	

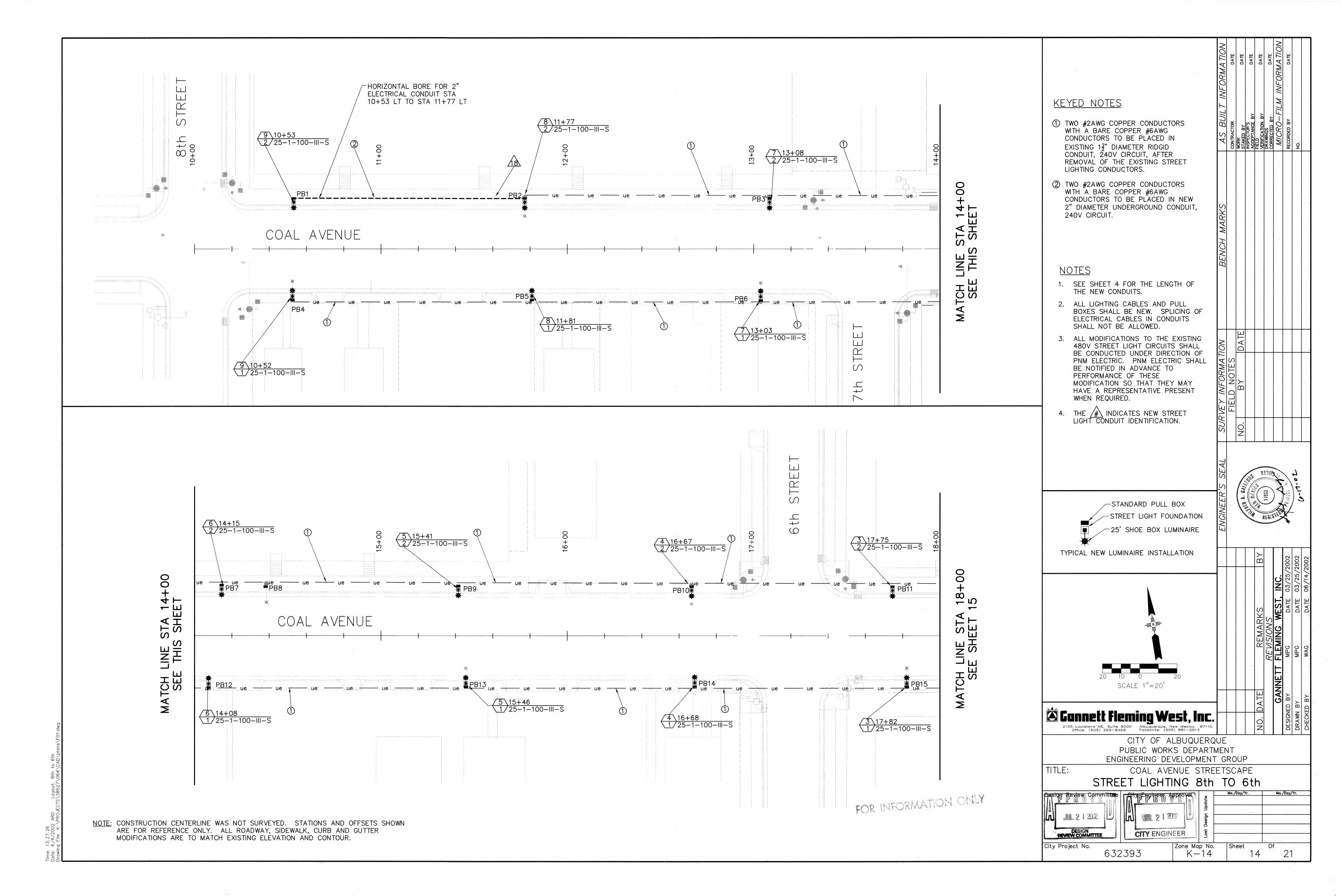
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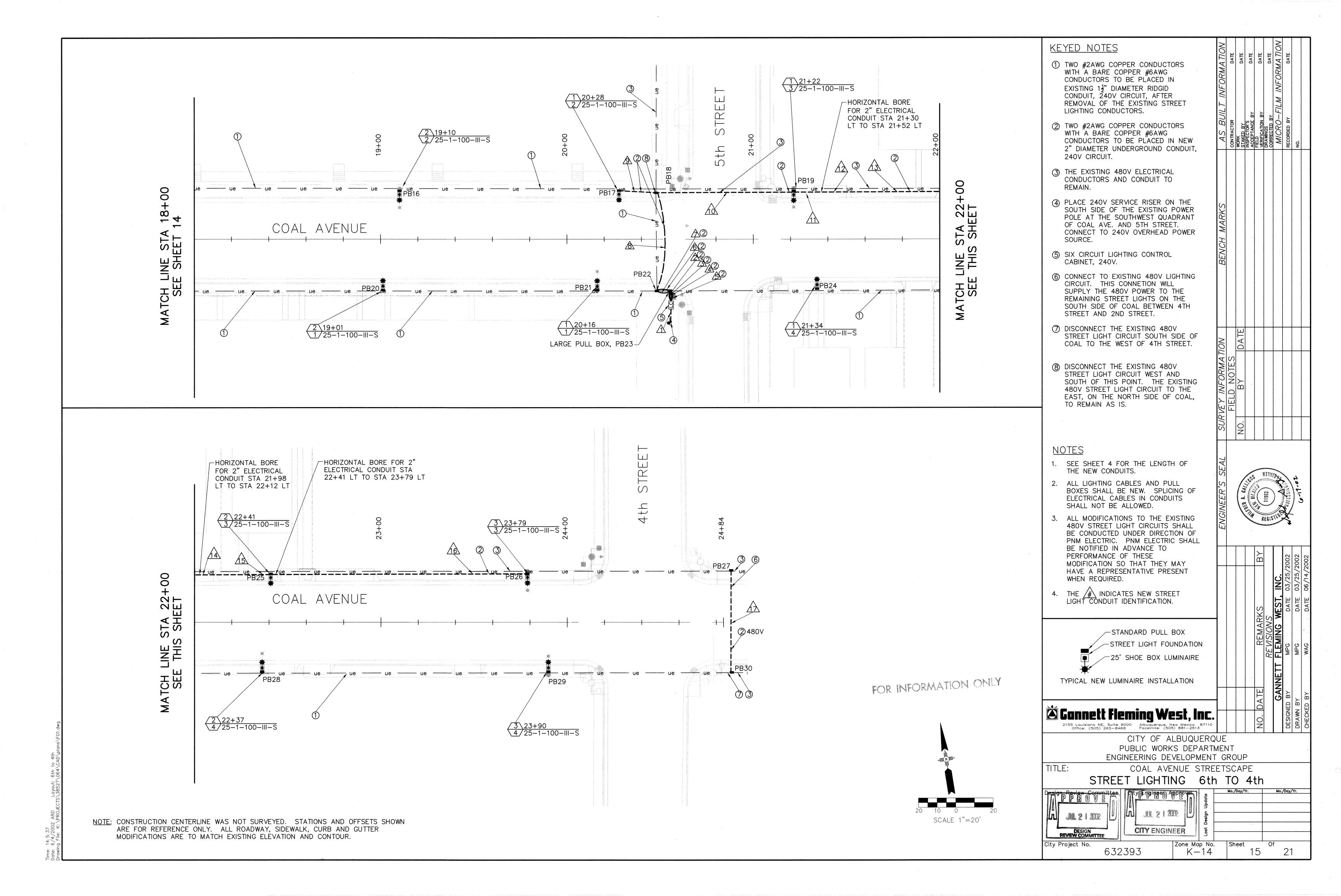
NUMBER OF REMOVED STREET LIGHTS FOR EXISTING 480V, 400W CIRCUIT, 13 EACH. NUMBER OF NEW 240V, 100W STREET LIGHTS, 24 EACH.

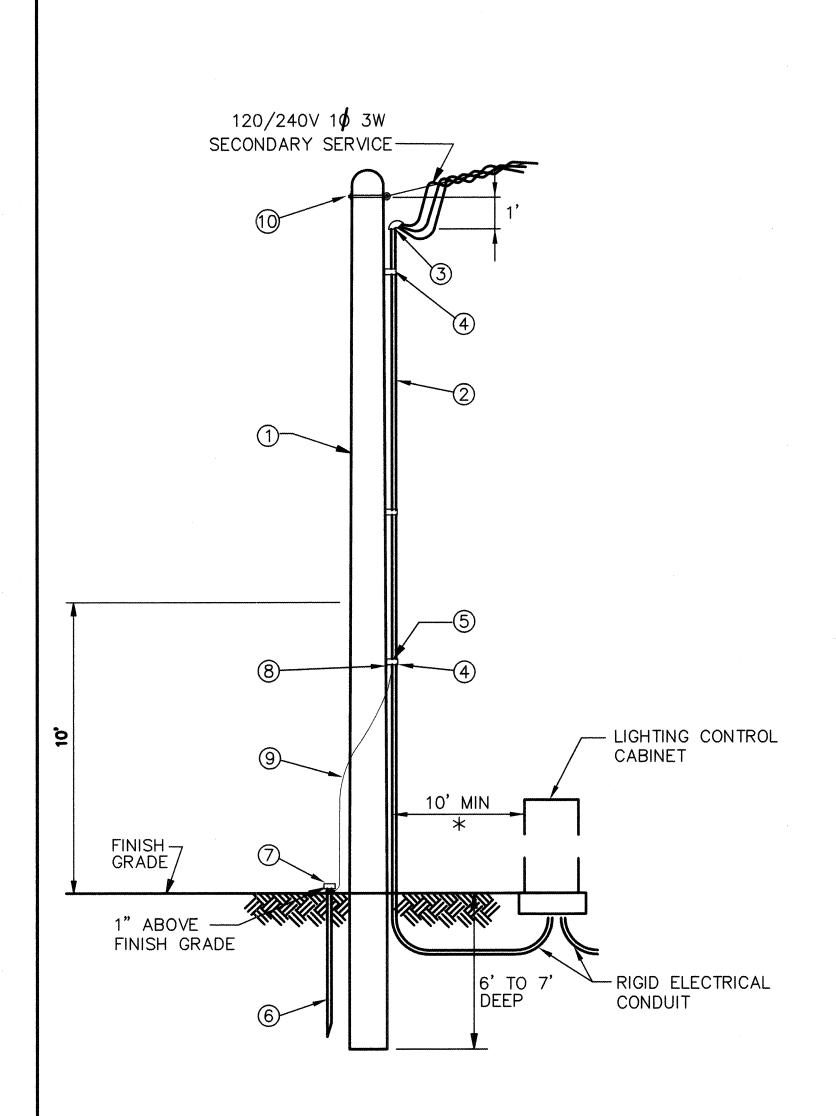
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	BENCH MARKS									
	SURVEY INFORMATION	FIELD NOTES	NO. BY DATE							
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					REMARKS BY	REVISIONS	FLEMING WEST, INC.	MPG DATE 03/25/2002	MPG DATE 03/25/2002	WAG DATE 06/14/2002
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CITY OF ALBUQUERQ	UE		
PUBLIC WORKS DEPARTA	MENT		
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TITLE: COAL AVENUE STRE	ETSÇ	APE	
LIGHTING QUANTITI	ES		
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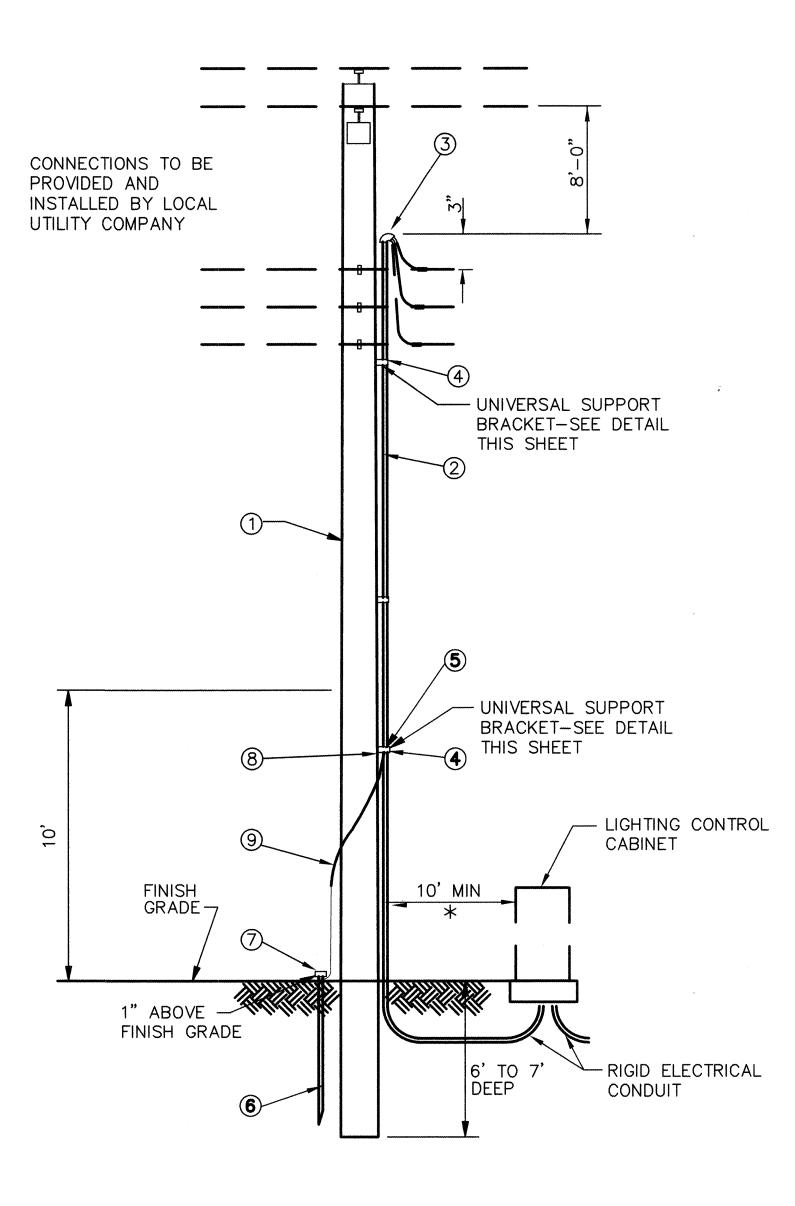


MATERIAL LIST

- 1 25' TREATED POLE
- 30' 2" GALVANIZED CONDUIT
- 2" WEATHER HEAD
- 2 UNIVERSAL SUPPORT BRACKET
- 2 2" PIPE STRAP KIT
- COPPERWELD 3/4"x10'-0" GROUND ROD
- GROUND ROD CLAMP
- GROUND LUG
- 10' #6 BARE COPPER GROUND WIRE
- 5/8" EYE BOLT 40' I/C #2 THW BLACK 40' I/C #2 THW WHITE 40' I/C #2 THW RED

SERVICE POLE (LIGHTING)

* CONDUIT AND WIRE EXTENDING MORE THAN 10' FROM POLE WILL BE MEASURED AND PAID PER ACTUAL FOOTAGE USED.

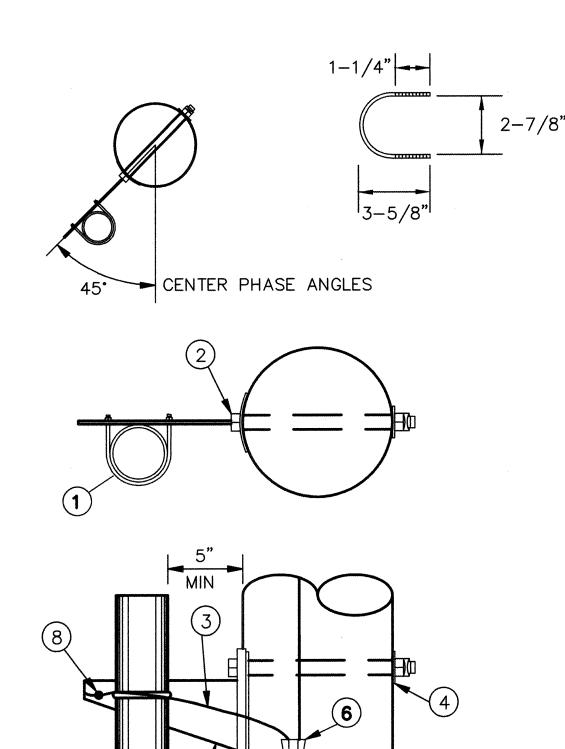


MATERIAL LIST

- EXISTING POLE
- 40' 2" GALVANIZED CONDUIT
- 2" WEATHER HEAD
- UNIVERSAL SUPPORT BRACKET
- 2" PIPE STRAP KIT
- COPPERWELD 3/4"x10'-0" GROUND ROD
- GROUND ROD CLAMP
- GROUND LUG
- 10' #6 BARE COPPER GROUND WIRE
 - 50' I/C #2 THW BLACK 50' I/C #2 THW WHITE
 - 50' I/C #2 THW RED

SERVICE RISER (LIGHTING)

* CONDUIT AND WIRE EXTENDING MORE THAN 10' FROM POLE WILL BE MEASURED AND PAID PER ACTUAL FOOTAGE USED



MATERIAL LIST

U BOLT

5/8" MACHINE BOLTS

#4 SOLID COPPER WIRE

2-1/4" SQUARE WASHER 5/8" MF LOCKNUT

LINE TAP

SUPPORT BRACKET

GROUNDING LUG

UNIVERSAL SUPPORT BRACKETS NOTES:

- 1. BRACKET TO BE FASTENED TO POLE WITH 5/8" GALVANIZED MACHINE BOLTS.
- 2. BRACKET SUITABLE FOR TWO 2" CONDUITS.
- 3. TWO HOLE STRAPS ATTACHED AT 30" INTERVALS WITH 2" LAG SCREWS MAY BE USED INSTEAD OF THE SUPPORT BRACKET WHEN THE CONDUIT IS 1" OR LESS. A MAXIMUM OF TWO CONDUITS MAY BE STRAPPED DIRECTLY TO THE POLE.

UNIVERSAL SUPPORT BRACKETS

LIGHTING ELECTRICAL SERVICE NOTES

- 1. ALL SERVICE DETAILS, MATERIALS, & INSTALLATION SHALL CONFORM TO THE LOCAL POWER COMPANY REQUIREMENTS.
- 2. CONTACT LOCAL POWER COMPANY CUSTOMER SERVICES FOR POLE QUADRANT FOR RISERS.
- 3. ALL ABOVE GRADE CONDUIT SHALL BE GALVANIZED.
- 4. RISER BRACKET ASSEMBLY MUST BE GROUNDED PER LOCAL POWER COMPANY REQUIREMENTS.
- 5. CONDUIT AND WIRE EXTENDING MORE THAN 10' FROM POLE WILL BE MEASURED AND PAID PER ACTUAL FOOTAGE USED.
- 6. UNIVERSAL SUPPORT BRACKETS WILL BE CONSIDERED INCIDENTAL TO THE SERVICE RISER.
- 7. DRILLING HOLES IN EXISTING STEEL POLES FOR UNIVERSAL SUPPORT BRACKETS WILL NOT BE PERMITTED UNLESS OTHERWISE APPROVED BY THE LOCAL POWER COMPANY. BRACKETS SHALL BE MOUNTED ON STEEL POLES WITH STAINLESS STEEL BANDS.

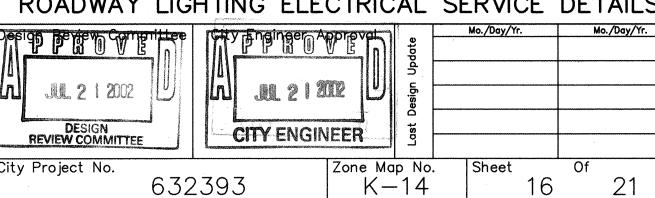
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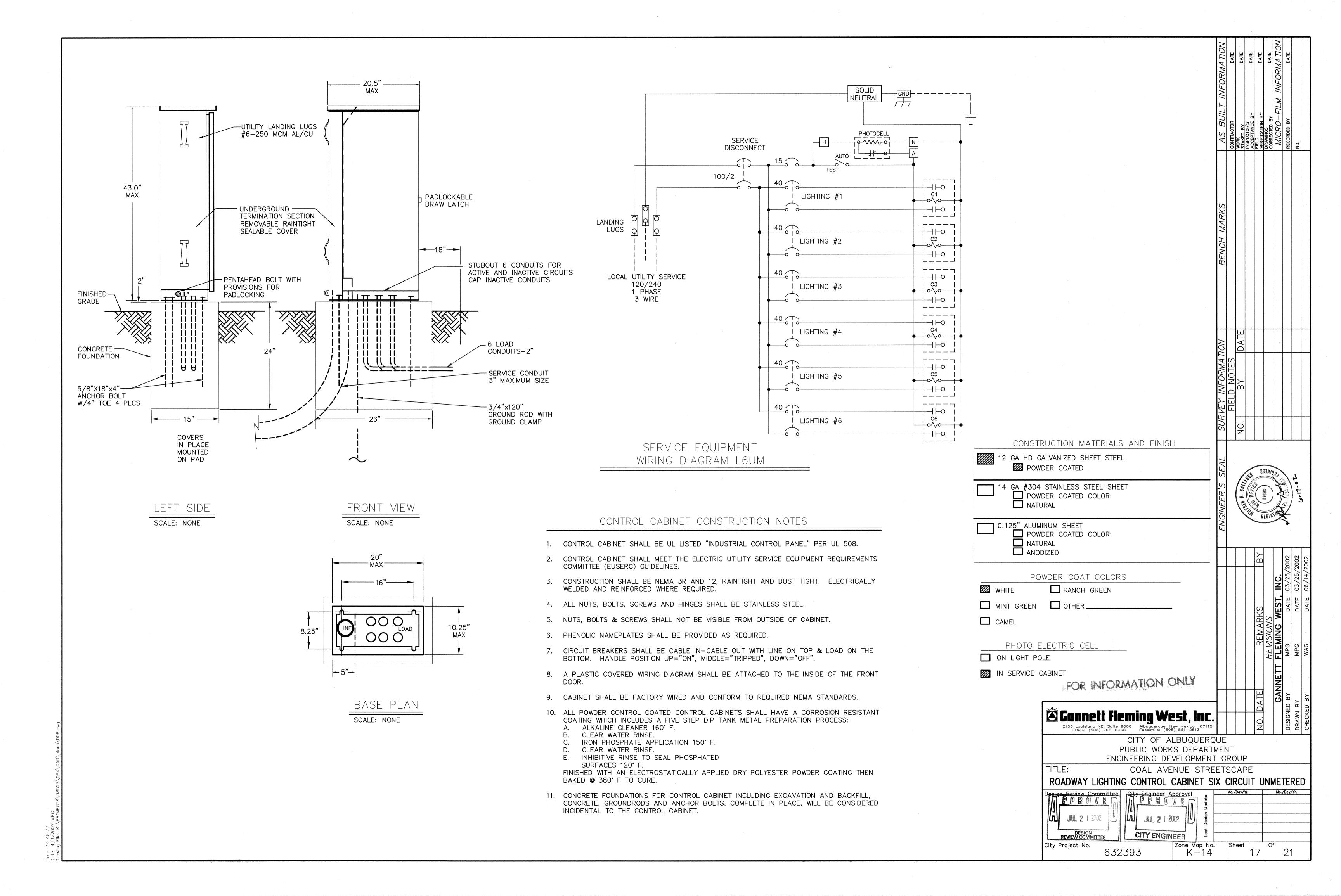
Cannett Fleming West, Inc. 2155 Louisiana NE, Suite 9000 Albuquerque, New Mexico 87110 Office: (505) 265-8468 Facsimile: (505) 881-2513 CITY OF ALBUQUERQUE

ENGINEERING DEVELOPMENT GROUP COAL AVENUE STREETSCAPE

ROADWAY LIGHTING ELECTRICAL SERVICE DETAILS

PUBLIC WORKS DEPARTMENT







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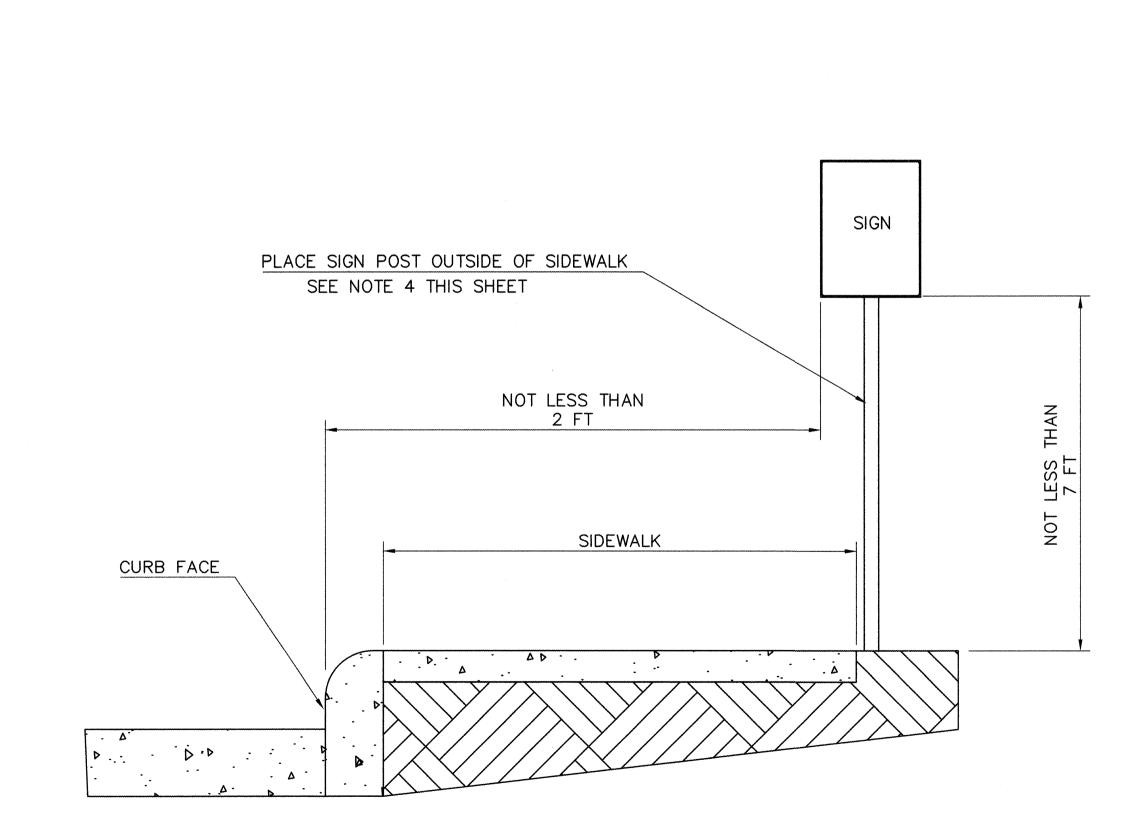
NOTES:

- CONTACT ALBERT ORTIZ AT 857-8000 EXT. 8601 FOR HANDLING ARRANGEMENTS OF EXISTING SIGNS THAT ARE INDICATED AS TO BE REMOVED AND SALVAGED.
- 2. ALL NEW SIGNS SHALL MEET THE MINIMUM REQUIREMENTS SPECIFIED IN THE MUTCD 2000.
- 3. NEW POST MOUNTED SIGNS SHALL BE MOUNTED ON A SINGLE 12 GAUGE POST, AS MANUFACTURED BY TELESPAR, OR APPROVED EQUAL. POSTS SHALL BE SQUARE WITH DIMENSIONS AS FOLLOWS:

 $2\frac{1}{4}$ "× $2\frac{1}{4}$ " ALL OTHER SIGNS

- 4. CONTRACTOR SHALL INSTALL A CORRESPONDINGLY SIZED 30-INCH LONG BASE POST WITH AN 18-INCH LONG BASE POST SLEEVE. SIGN POSTS SHOULD BE INSERTED 6-INCHES INTO THE BASE POST OR PER MANUFACTURER'S RECOMMENDATIONS.
- 5. NEW SIGNS THAT ARE TO BE MOUNTED ON STREET LIGHT POLES SHALL BE SECURED TO POLE USING TAMPER RESISTANT STAINLESS STEEL STRAPS.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING LOCATIONS WHERE NEW SIGNS WILL BE PLACED. AT THESE LOCATIONS, THE CONTRACTOR SHALL PLACE THE BASE POST AND SLEEVE ADJACENT TO EXISTING SIDEWALKS. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ANY SIDEWALK DAMAGED BY SIGN POST INSTALLATION. ALL SIDEWALK REPLACEMENT SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT MADE THEREFOR.
- 7. ALL NEW SIGNS SHALL, AT A MINIMUM, USE SUPER ENGINEERING GRADE REFLECTIVE SHEETING WITH GRAFFITI RESISTANT INKS OR COATING AS APPROVED BY THE TRAFFIC ENGINEER.
- 8. DISTANCE FROM EDGE OF TRAVELED WAY TO NEAR EDGE OF SIGN SHALL BE AS SHOWN ON THIS SHEET.
- 9. MOUNTING HEIGHT OF SIGN SHALL BE AS SHOWN ON THIS SHEET.
- 10. FOR SIGN REPLACEMENT AND REMOVAL SEE PERMANENT SIGNING PLAN SHEET 19 AND 20.
- 11. ALL EXISTING SIGNS NOT SHOWN SHALL REMAIN INTACT.

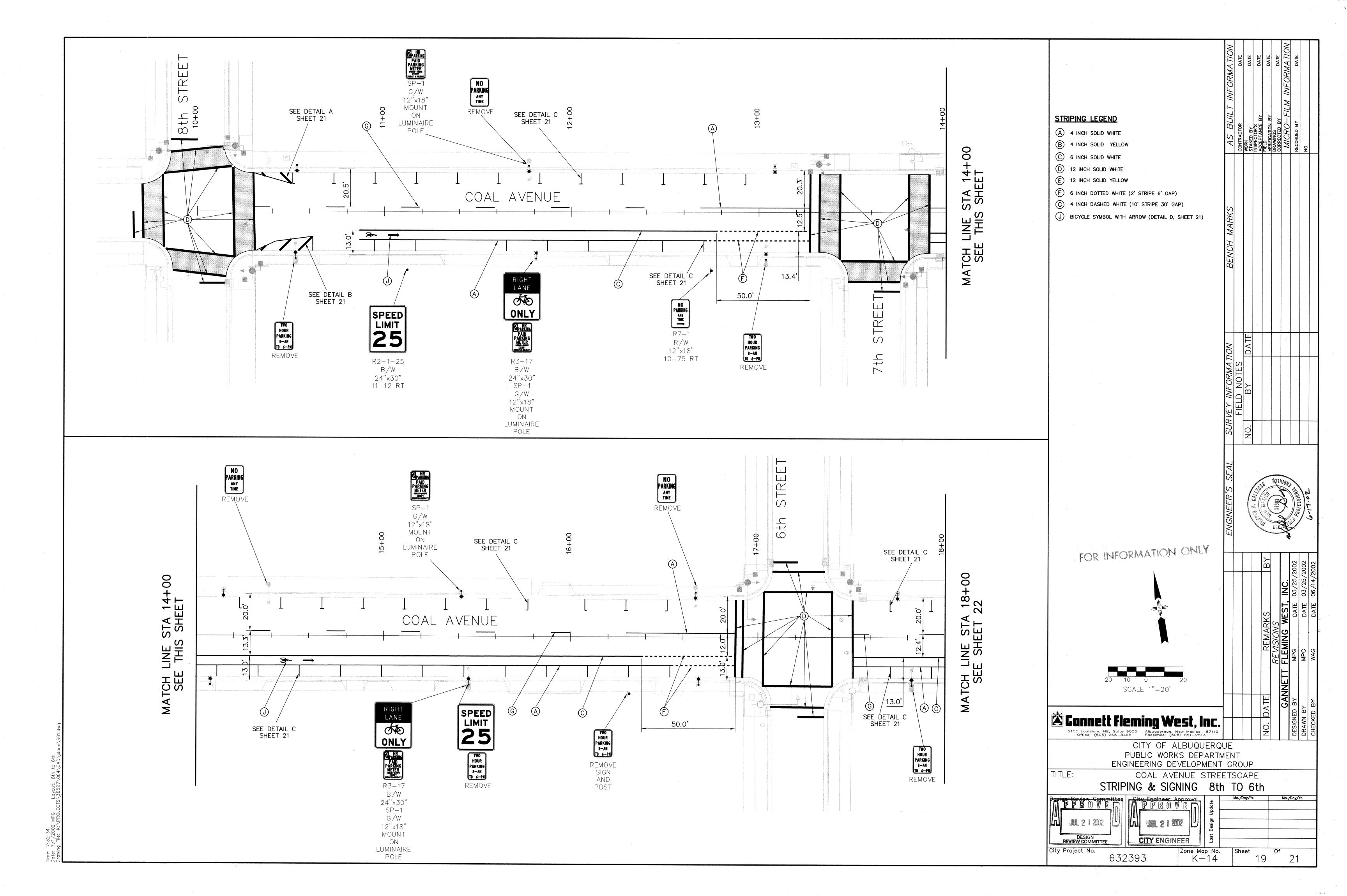
12. ALL SIGN AND POST INSTALLATION, REMOVAL AND REPLACEMENT WILL BE PERFORMED BY THE CITY OF ALBUQUERQUE PWD.

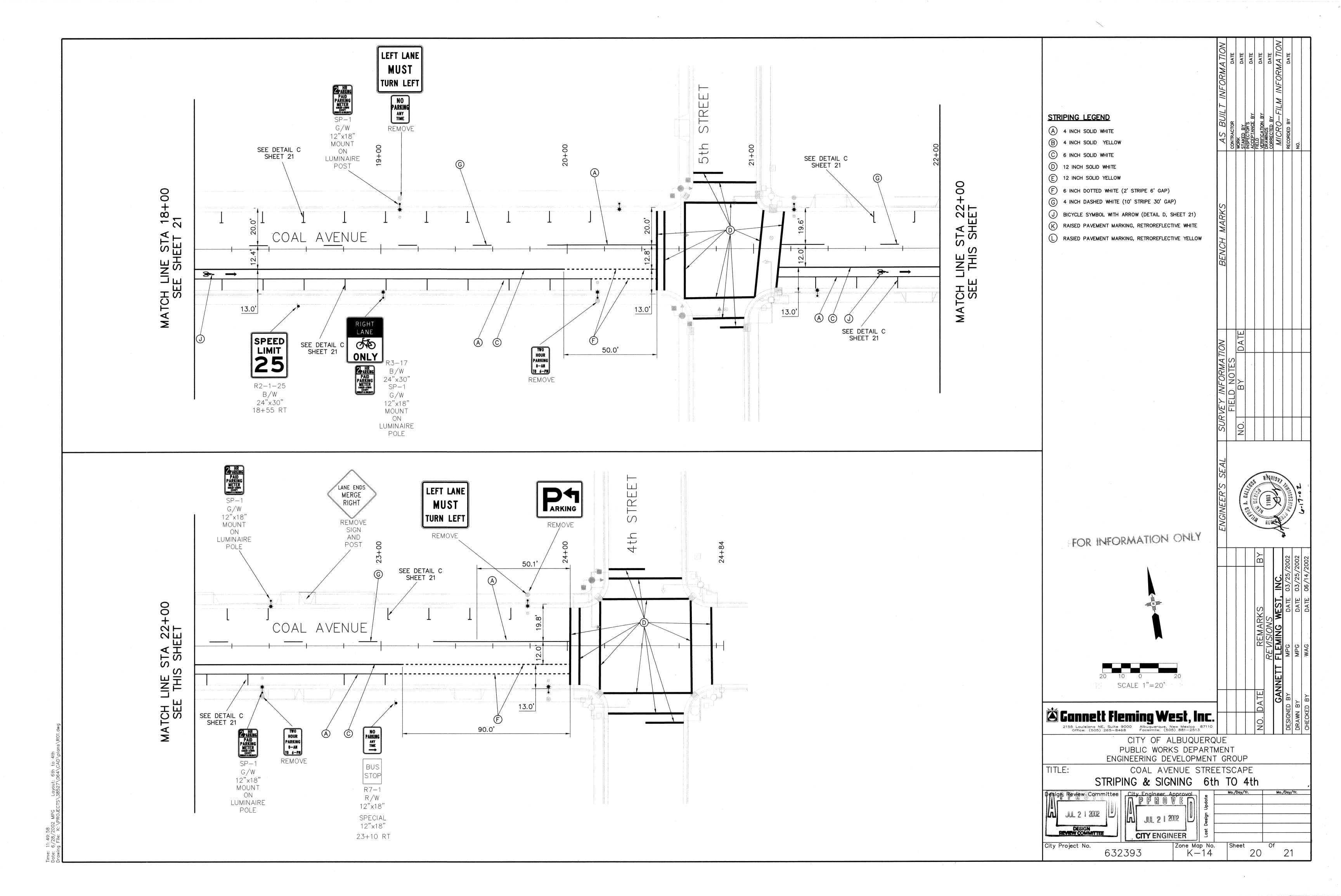


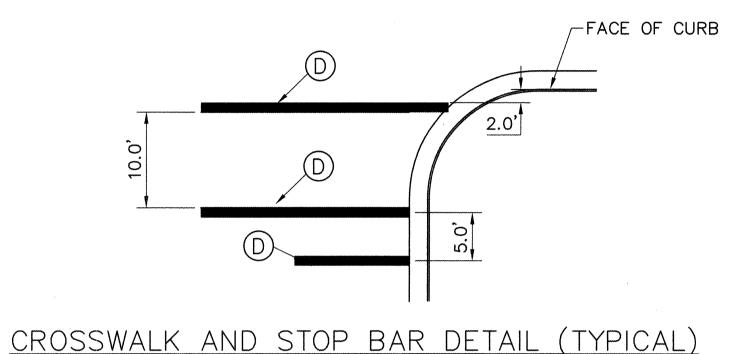
SIGN MOUNTING POSITION AND HEIGHT FOR ROADSIDE SIGN BUSINESS OR RESIDENCE DISTRICT

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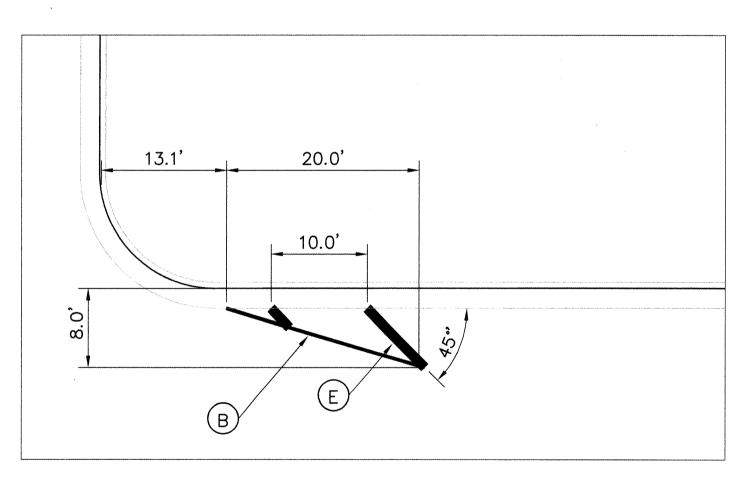


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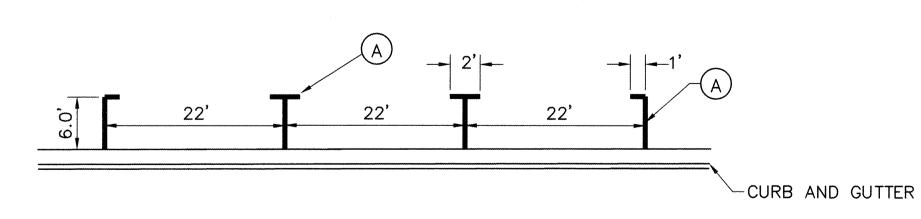
PLASTIC BIKE LANE PAVEMENT

SYMBOL MARKINGS

DETAIL D

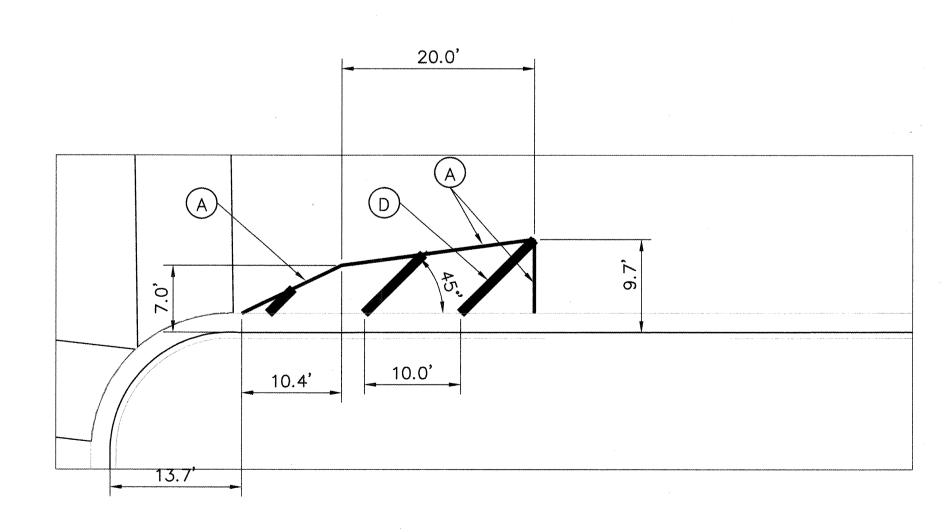


<u>DETAIL A</u>



PARKING SPACE LIMIT MARKINGS

DETAIL C



<u>DETAIL B</u>

- 1. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARDS AND SPECIFICATIONS.
- 2. ANY SPECIFIED REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SECTION 721 OF THE NMSHTD STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION 2000 EDITION. PAINTING OVER EXISTING STRIPING DOES NOT CONSTITUTE APPROVED STRIPING ERADICATION. SEE NOTE 11 THIS SHEET FOR STRIPING ERADICATION TREATMENT.
- 3. THE PERMANENT PAVEMENT MARKINGS MAY BE MODIFIED AS DIRECTED BY THE PROJECT MANAGER.
- 4. THE CONTRACTOR MAY BE REQUIRED BY THE PROJECT MANAGER TO PREPARE AS—BUILT DRAWINGS OF THE EXISTING STRIPING PRIOR TO CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT WILL BE MADE THERFOR.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF PAVEMENT MARKINGS FOLLOWING CONTROL POINTS THAT HAVE BEEN SET NO MORE THAN 50 FEET APART ALONG THE LINES TO BE STRIPED. THE LAYOUT OF ALL PAVEMENT MARKINGS SHALL BE APPROVED BY THE PROJECT MANAGER PRIOR TO THE APPLICATION OF MATERIALS.
- 6. ALL LANE DIMENSIONS ARE FROM CENTER OF LANE LINE, CENTER OF DOUBLE LANE LINE, FACE OF CURB, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- 7. THE FINAL LONGITUDINAL STRIPING SHALL BE 60 MIL (0.060") THICK HOT—SPRAYED THERMOPLASTIC REFLECTORIZED STRIPING PLACED OVER THE TEMPORARY STRIPING WITHIN 14 TO 30 CALENDAR DAYS AFTER COMPLETION OF THE FINAL PAVEMENT SURFACE, OR AS DIRECTED BY THE PROJECT MANAGER. ALL OTHER MARKINGS SHALL BE APPLIED AT THE SAME TIME. TEMPORARY STRIPING SHALL BE PAINT UNLESS NOTED OTHERWISE.
- 8. ALL FINAL TRANSVERSE MARKINGS SHALL BE HOT-SPRAYED 90MIL (0.090") THERMOPLASTIC STRIPING. ALL PAVEMENT ARROWS AND LEGENDS SHALL BE A REFLECTORIZED PREFORMED PLASTIC PAVEMENT MARKING.
- 9. THE CONTRACTOR SHALL CLEAN THE ROADWAY SURFACE TO THE SATISFACTION OF THE PROJECT MANAGER BY SWEEPING AND AIR—JET BLOWING IMMEDIATELY PRIOR TO THE PLACEMENT OF ALL PAVEMENT MARKINGS. THE TEMPERATURE SHALL NOT BE LESS THAN 50 DEGREES F. FOR THE PLACEMENT OF THERMOPLASTIC STRIPING.
- 10. THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS,
 DETAILS AND STANDARDS WHEN INSTALLING PAVEMENT, STRIPING, MARKINGS AND MARKERS.
- 11. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES (MAXIMUM) AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.

STRIPING LEGEND

- (A) 4 INCH SOLID WHITE
- B 4 INCH SOLID YELLOW
- © 6 INCH SOLID WHITE
- D 12 INCH SOLID WHITE
- (E) 12 INCH SOLID YELLOW
- F 6 INCH DOTTED WHITE (2' STRIPE 6' GAP)
- G) 4 INCH DASHED WHITE (10' STRIPE 30' GAP)
- J BICYCLE SYMBOL WITH ARROW

FOR INFORMATION ONLY

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